

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019666.D
 Acq On : 03 Aug 2021 18:18
 Operator : SY/VA
 Sample : M2940-01 2.5PPBLOD
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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Quant Time: Aug 04 07:02:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 04 07:01:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	651979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	1105415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	968563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	471353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	395353	47.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.884	113	339316	46.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.880%
50) Toluene-d8	10.323	98	1328532	46.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.615	95	473833	46.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.007	85	9611	2.628	ug/l	89
3) Chloromethane	2.215	50	15070	3.025	ug/l	94
4) Vinyl Chloride	2.367	62	18312	2.524	ug/l	92
5) Bromomethane	2.788	94	14355	2.644	ug/l	94
6) Chloroethane	2.934	64	11311	2.452	ug/l	99
7) Trichlorofluoromethane	3.269	101	12625	2.292	ug/l	98
8) Diethyl Ether	3.690	74	8226	2.413	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.086	101	16589	2.519	ug/l	99
10) Methyl Iodide	4.281	142	18936	2.232	ug/l	96
11) Tert butyl alcohol	5.202	59	6247	17.632	ug/l #	77
12) 1,1-Dichloroethene	4.050	96	15299	2.355	ug/l	90
13) Acrolein	3.897	56	3894	11.011	ug/l	96
14) Allyl chloride	4.678	41	22031	2.351	ug/l	93
15) Acrylonitrile	5.391	53	15947	10.870	ug/l	94
16) Acetone	4.135	43	23061	18.817	ug/l	98
17) Carbon Disulfide	4.397	76	42837	2.493	ug/l #	95
18) Methyl Acetate	4.690	43	9848	2.699	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	21957	2.299	ug/l #	91
20) Methylene Chloride	4.928	84	174329	16.427	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	17388	2.416	ug/l	92
22) Diisopropyl ether	6.318	45	40858	2.047	ug/l #	83
23) Vinyl Acetate	6.263	43	109851	9.436	ug/l	97
24) 1,1-Dichloroethane	6.226	63	32072	2.328	ug/l	99
25) 2-Butanone	7.183	43	19289	10.884	ug/l #	88
26) 2,2-Dichloropropane	7.171	77	18718	2.448	ug/l	97
27) cis-1,2-Dichloroethene	7.177	96	18427	2.322	ug/l	98
28) Bromochloromethane	7.519	49	13407	2.469	ug/l	95
29) Tetrahydrofuran	7.543	42	12858	11.316	ug/l	99
30) Chloroform	7.683	83	33399	2.389	ug/l	100
31) Cyclohexane	7.958	56	41542	3.418	ug/l #	63
32) 1,1,1-Trichloroethane	7.872	97	25790	2.376	ug/l	96
36) 1,1-Dichloropropene	8.086	75	26099	2.409	ug/l	99
37) Ethyl Acetate	7.269	43	10688m	2.544	ug/l	
38) Carbon Tetrachloride	8.067	117	23691	2.361	ug/l	94
39) Methylcyclohexane	9.335	83	28765	2.312	ug/l	98
40) Benzene	8.329	78	71367	2.392	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4502	1.901	ug/l #	80
42) 1,2-Dichloroethane	8.403	62	22891	2.451	ug/l	97
43) Isopropyl Acetate	8.427	43	17557	2.203	ug/l	95
44) Trichloroethene	9.092	130	18348	2.391	ug/l	99
45) 1,2-Dichloropropane	9.372	63	17318	2.292	ug/l	98
46) Dibromomethane	9.457	93	9353	2.340	ug/l	95
47) Bromodichloromethane	9.646	83	23118	2.316	ug/l	99
48) Methyl methacrylate	9.439	41	7397	2.088	ug/l #	90
49) 1,4-Dioxane	9.470	88	2262	43.488	ug/l #	83
51) 4-Methyl-2-Pentanone	10.213	43	45316	10.869	ug/l	97
52) Toluene	10.390	92	43142	2.295	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	20523	2.106	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	23453	2.059	ug/l	91
55) 1,1,2-Trichloroethane	10.792	97	13071	2.340	ug/l	92
56) Ethyl methacrylate	10.646	69	13368	1.990	ug/l #	89
57) 1,3-Dichloropropane	10.933	76	22295	2.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	30697	9.837	ug/l	98
59) 2-Hexanone	10.969	43	28019	9.967	ug/l	95
60) Dibromochloromethane	11.128	129	12359	2.034	ug/l	97
61) 1,2-Dibromoethane	11.237	107	11532	2.214	ug/l	98
64) Tetrachloroethene	10.866	164	15495	2.578	ug/l	97
65) Chlorobenzene	11.658	112	45614	2.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	15305	2.325	ug/l	99
67) Ethyl Benzene	11.731	91	78491	2.252	ug/l	97
68) m/p-Xylenes	11.841	106	58501	4.395	ug/l	99
69) o-Xylene	12.170	106	26361	2.137	ug/l	96
70) Styrene	12.182	104	41225	1.978	ug/l	98
71) Bromoform	12.353	173	6621	2.094	ug/l #	92
73) Isopropylbenzene	12.463	105	70483	2.112	ug/l	99
74) N-amyl acetate	12.274	43	14158	2.017	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	14472	2.361	ug/l	95
76) 1,2,3-Trichloropropane	12.768	75	10813m	2.410	ug/l	
77) Bromobenzene	12.749	156	17551	2.396	ug/l	96
78) n-propylbenzene	12.804	91	96251	2.346	ug/l	99
79) 2-Chlorotoluene	12.890	91	56478	2.348	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	61567	2.164	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	3203m	1.836	ug/l	
82) 4-Chlorotoluene	12.987	91	58171	2.325	ug/l	100
83) tert-Butylbenzene	13.207	119	51811	2.119	ug/l	93
84) 1,2,4-Trimethylbenzene	13.249	105	60837	2.148	ug/l	100
85) sec-Butylbenzene	13.383	105	83286	2.244	ug/l	100
86) p-Isopropyltoluene	13.499	119	66130	2.171	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	36493	2.365	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	38451	2.506	ug/l	88
89) n-Butylbenzene	13.822	91	69602	2.323	ug/l	95
90) Hexachloroethane	14.091	117	12494	2.248	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	31972	2.359	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2614	2.618	ug/l	87
93) 1,2,4-Trichlorobenzene	15.133	180	20968	2.493	ug/l	98
94) Hexachlorobutadiene	15.231	225	12278	2.511	ug/l	95
95) Naphthalene	15.365	128	35885	2.289	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	20610	2.772	ug/l	93

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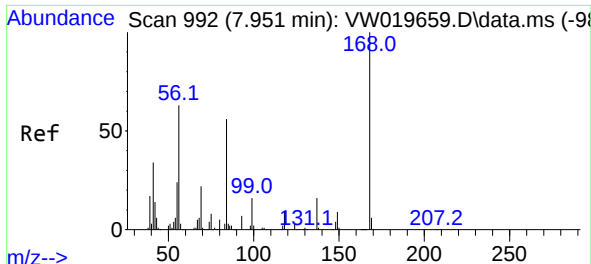
Manual Integrations
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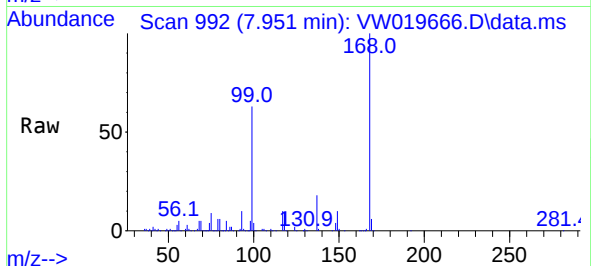
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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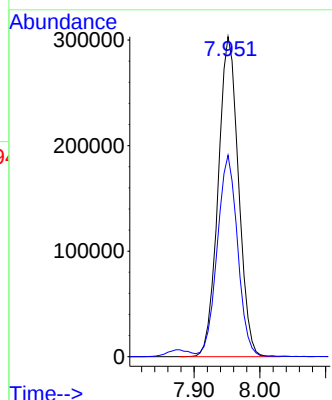
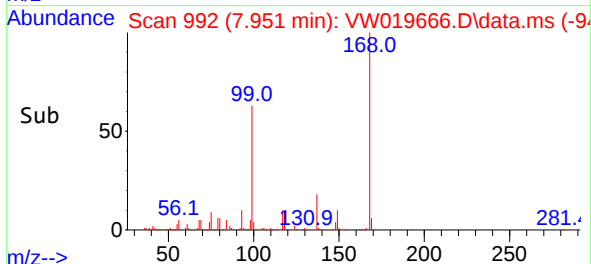
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019666.D
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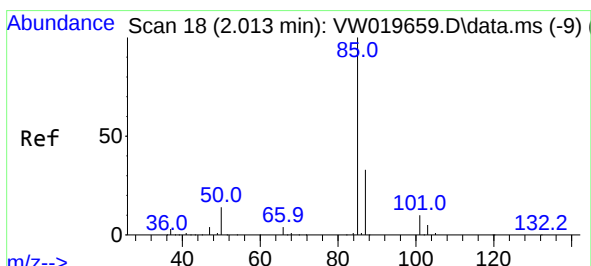
Tgt Ion: 168 Resp: 651979
Ion Ratio Lower Upper
168 100
99 62.8 51.9 77.9



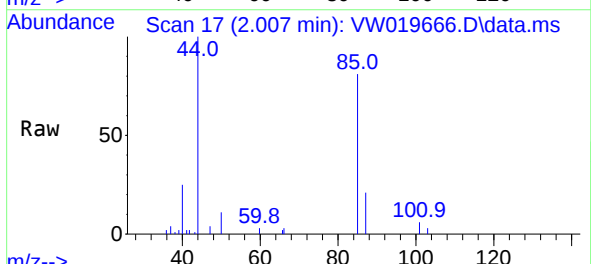
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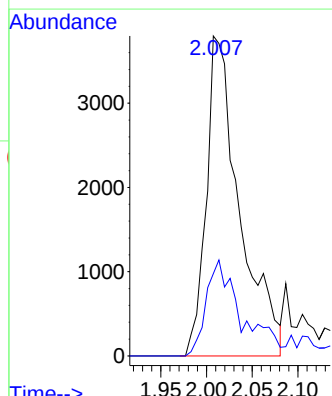
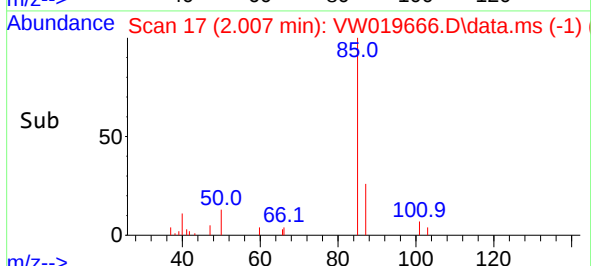
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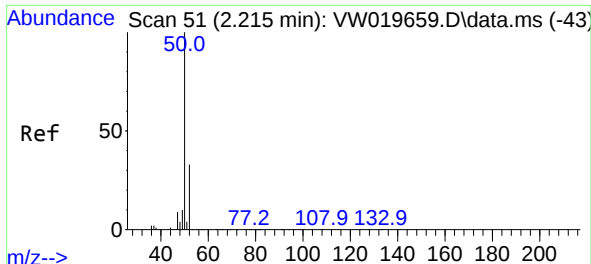


#2
Dichlorodifluoromethane
Concen: 2.628 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 85 Resp: 9611
Ion Ratio Lower Upper
85 100
87 25.7 15.8 47.4





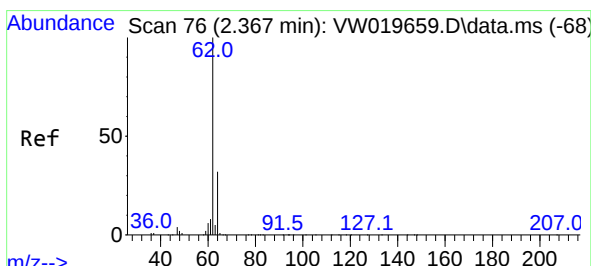
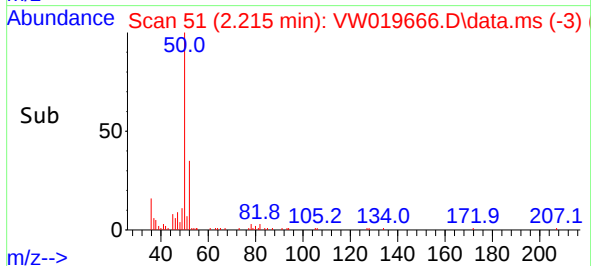
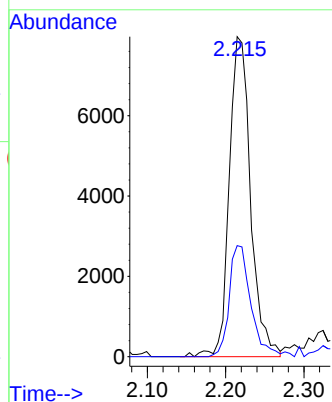
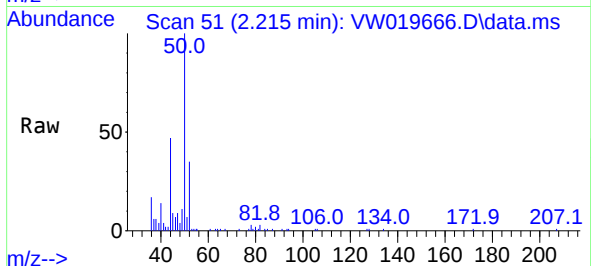
#3
Chloromethane
Concen: 3.025 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 50 Resp: 15070
Ion Ratio Lower Upper
50 100
52 34.7 25.0 37.4

Instrument :
MSVOA_W
ClientSampleId :
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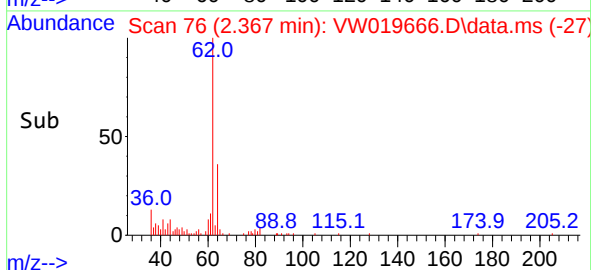
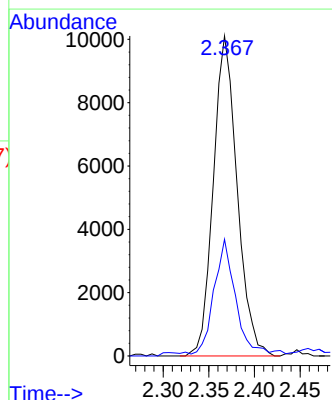
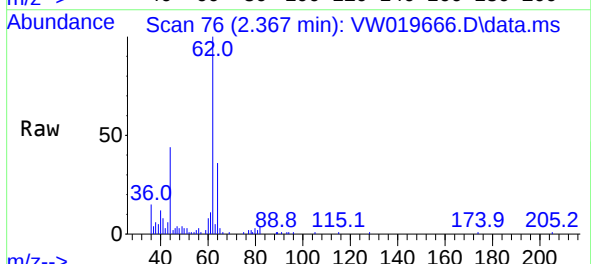
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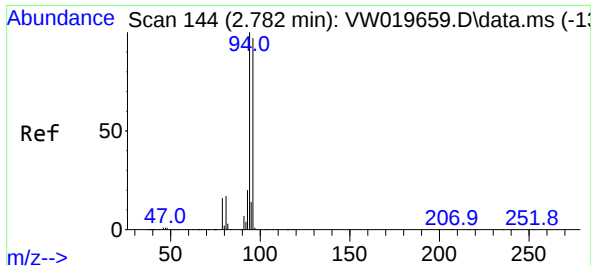
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#4
Vinyl Chloride
Concen: 2.524 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 62 Resp: 18312
Ion Ratio Lower Upper
62 100
64 35.6 25.1 37.7





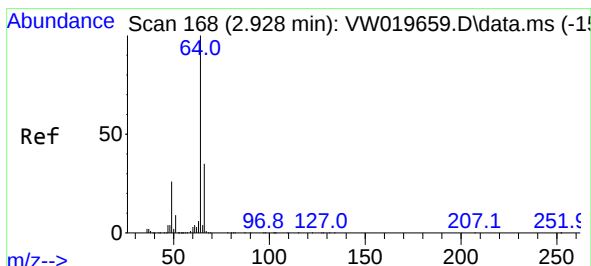
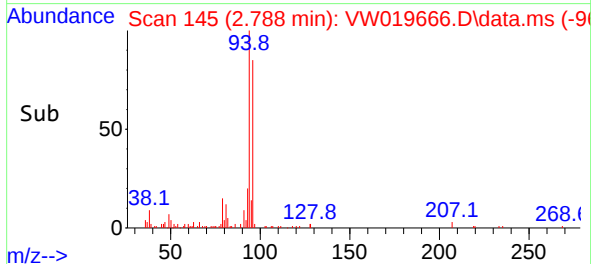
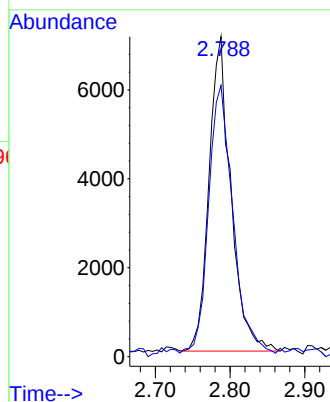
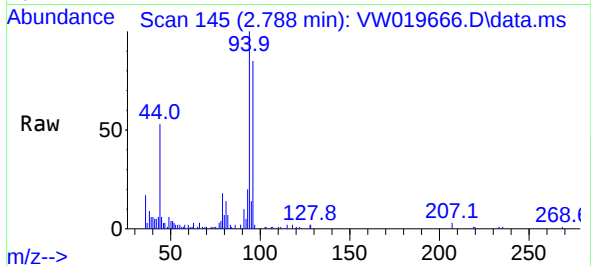
#5
Bromomethane
Concen: 2.644 ug/l
RT: 2.788 min Scan# 145
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 94 Resp: 14355
Ion Ratio Lower Upper
94 100
96 85.1 72.7 109.1

Instrument :
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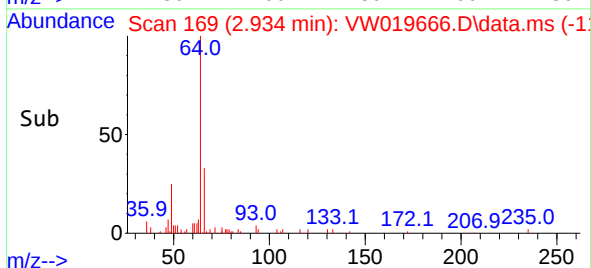
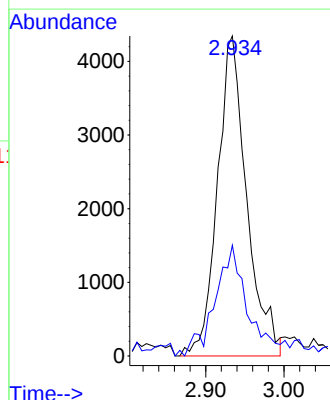
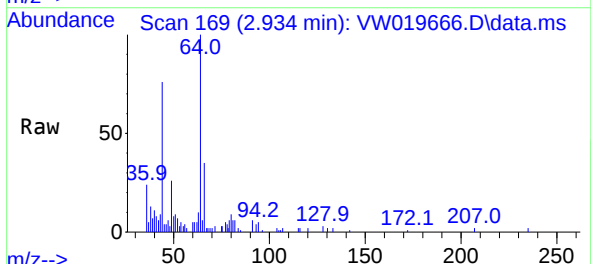
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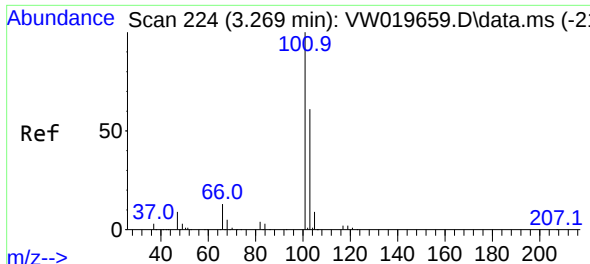
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#6
Chloroethane
Concen: 2.452 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

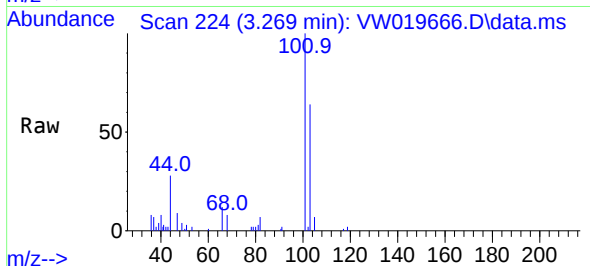
Tgt Ion: 64 Resp: 11311
Ion Ratio Lower Upper
64 100
66 32.8 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 2.292 ug/l
 RT: 3.269 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VW019666.D
 Acq: 03 Aug 2021 18:18

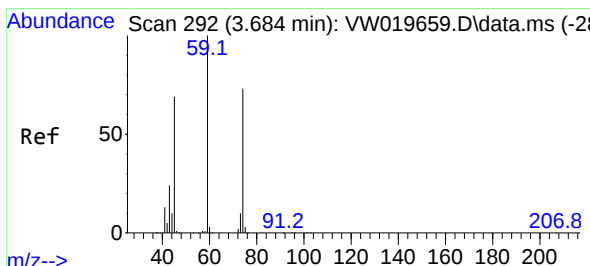
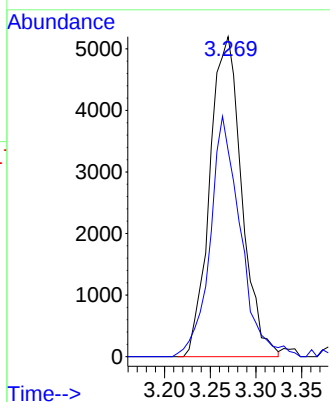
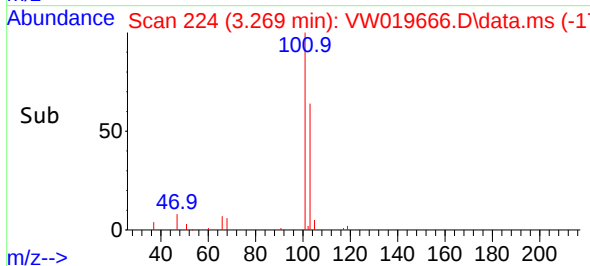
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021



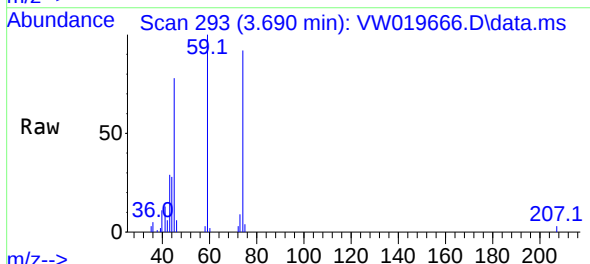
Tgt Ion:101 Resp: 12625
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.2

Manual Integrations
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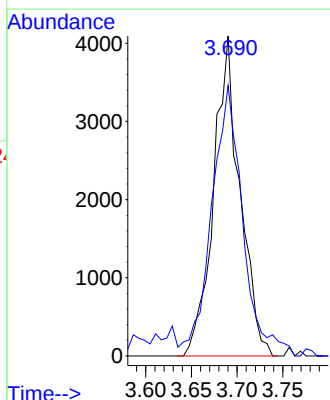
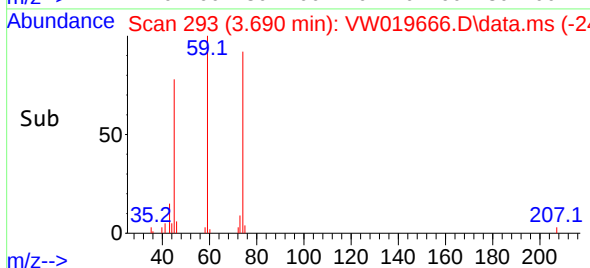
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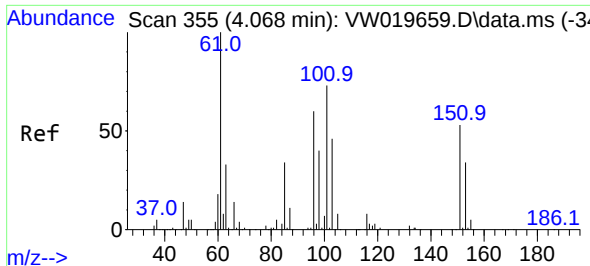


#8
 Diethyl Ether
 Concen: 2.413 ug/l
 RT: 3.690 min Scan# 293
 Delta R.T. 0.006 min
 Lab File: VW019666.D
 Acq: 03 Aug 2021 18:18



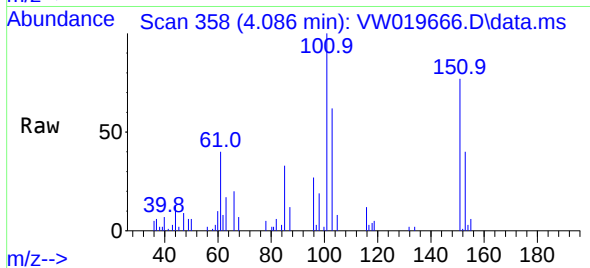
Tgt Ion: 74 Resp: 8226
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.8 146.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.519 ug/l
RT: 4.086 min Scan# 358
Delta R.T. 0.018 min
Lab File: VW019666.D
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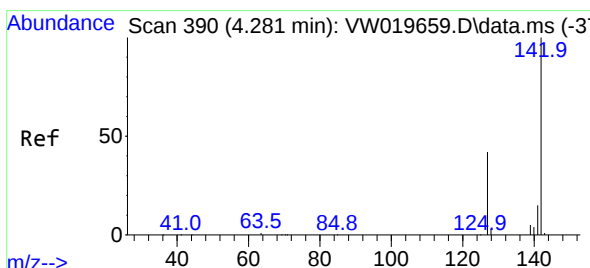
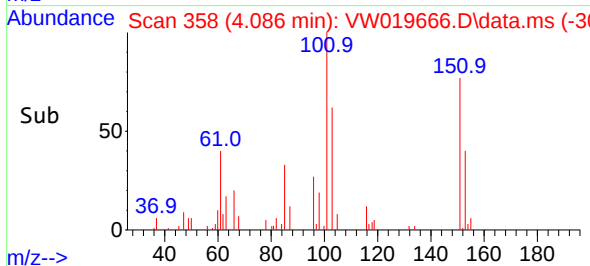
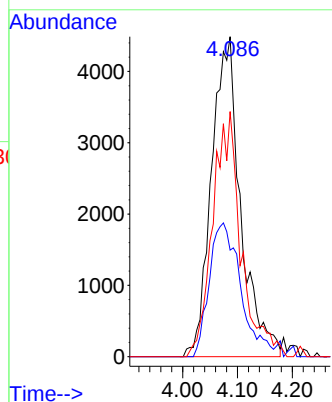
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



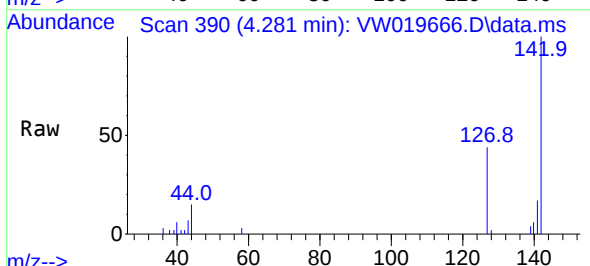
Tgt Ion:101 Resp: 16589
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.0
151 73.9 59.6 89.4

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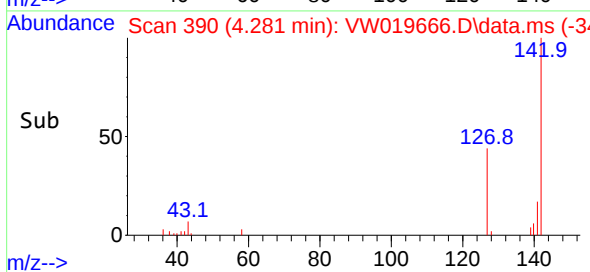
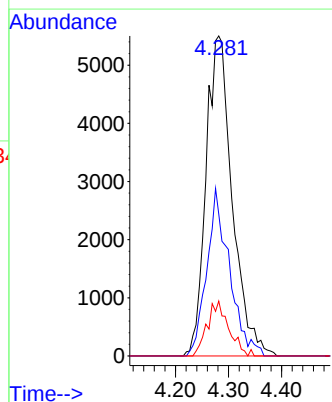
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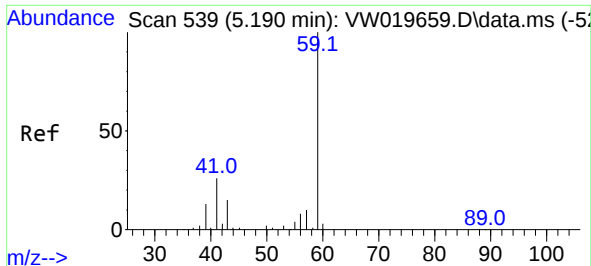


#10
Methyl Iodide
Concen: 2.232 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion:142 Resp: 18936
Ion Ratio Lower Upper
142 100
127 45.2 34.2 51.2
141 13.9 11.9 17.9





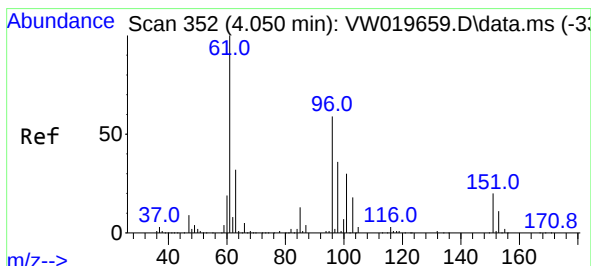
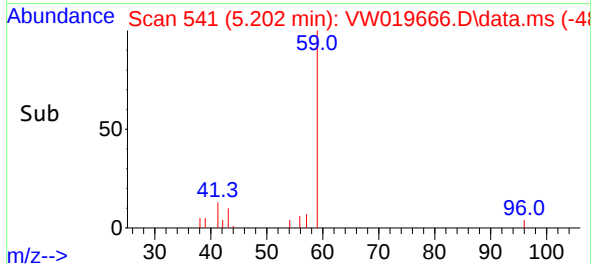
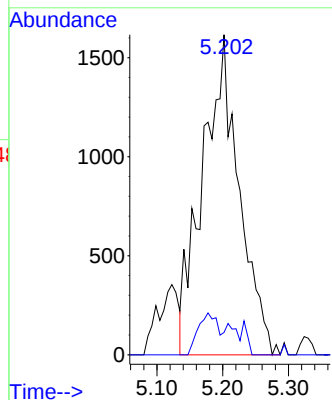
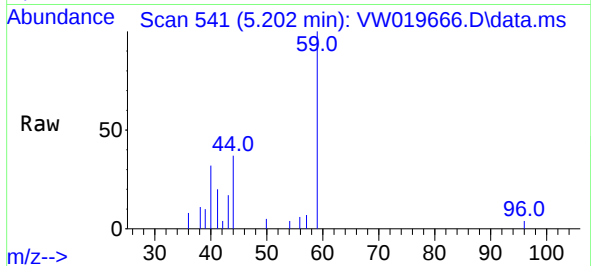
#11
Tert butyl alcohol
Concen: 17.632 ug/l
RT: 5.202 min Scan# 541
Delta R.T. 0.037 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 59 Resp: 6247
Ion Ratio Lower Upper
59 100
57 1.4 8.0 12.0#

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

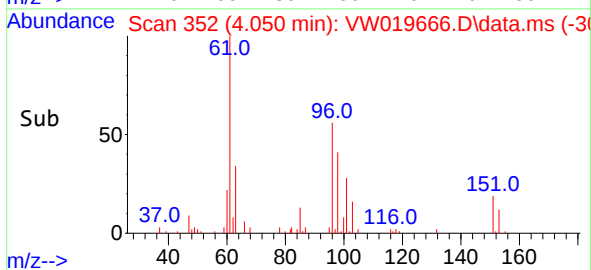
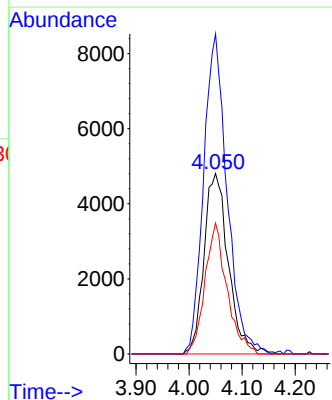
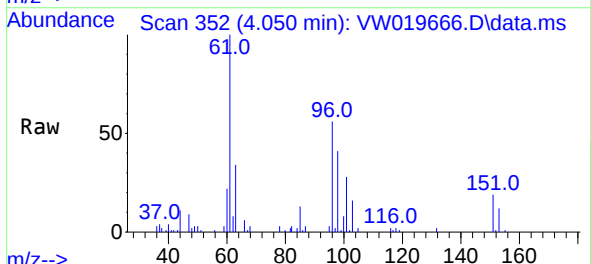
Manual Integrations
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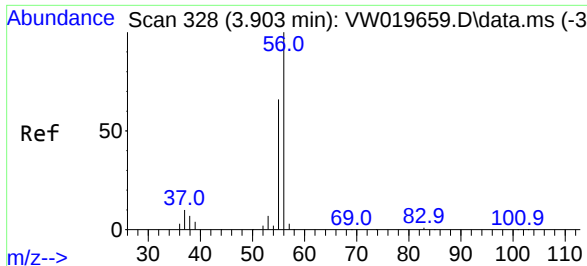
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#12
1,1-Dichloroethene
Concen: 2.355 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 96 Resp: 15299
Ion Ratio Lower Upper
96 100
61 177.3 131.0 196.6
98 72.5 52.2 78.2





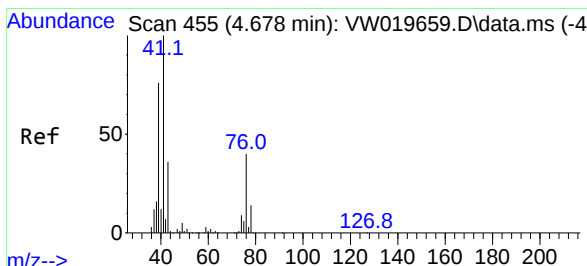
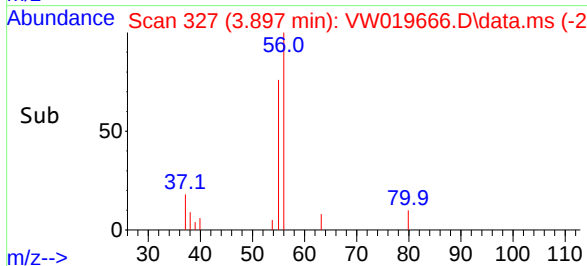
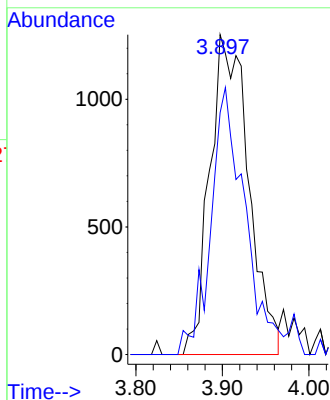
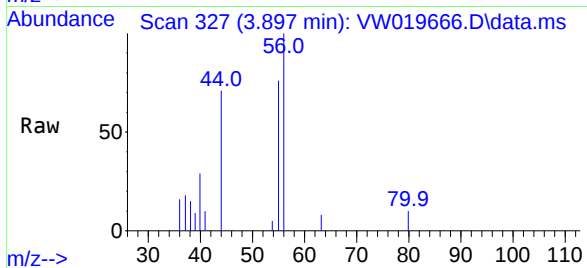
#13
Acrolein
Concen: 11.011 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 56 Resp: 3894
Ion Ratio Lower Upper
56 100
55 73.8 56.3 84.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

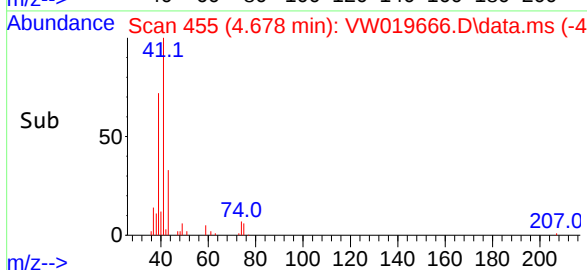
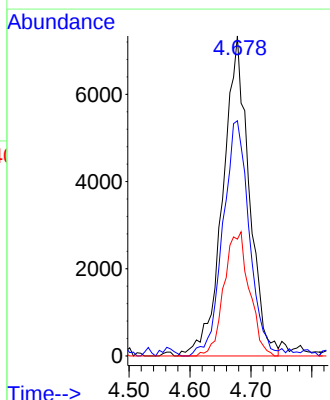
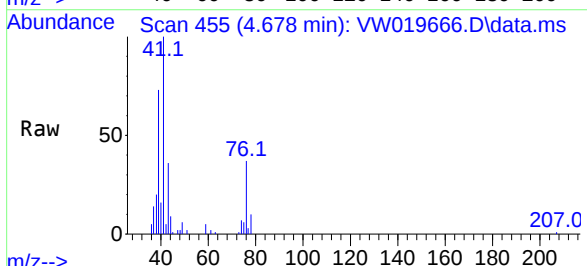
Manual Integrations
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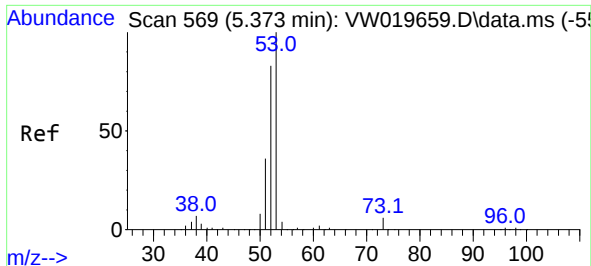
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#14
Allyl chloride
Concen: 2.351 ug/l
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

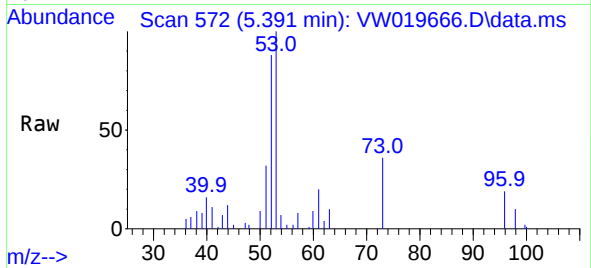
Tgt Ion: 41 Resp: 22031
Ion Ratio Lower Upper
41 100
39 73.7 52.2 78.2
76 37.2 30.1 45.1





#15
Acrylonitrile
Concen: 10.870 ug/l
RT: 5.391 min Scan# 572
Delta R.T. 0.025 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

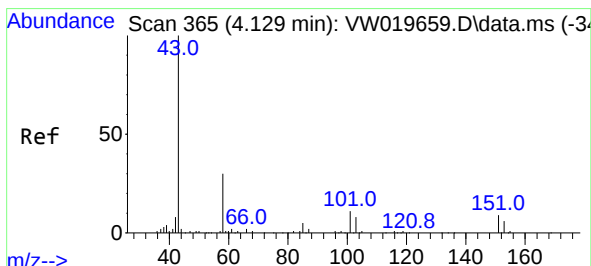
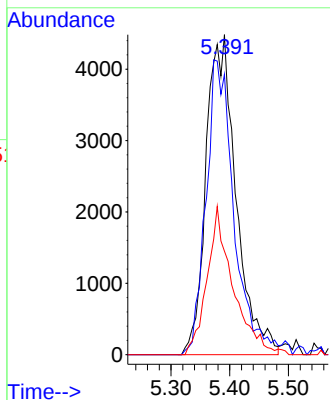
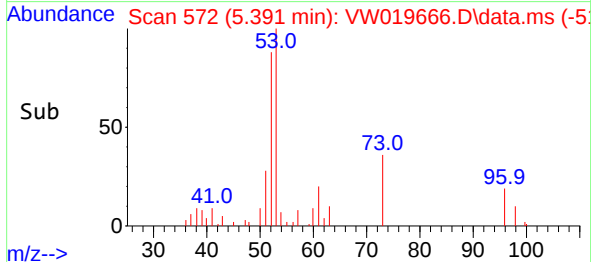
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



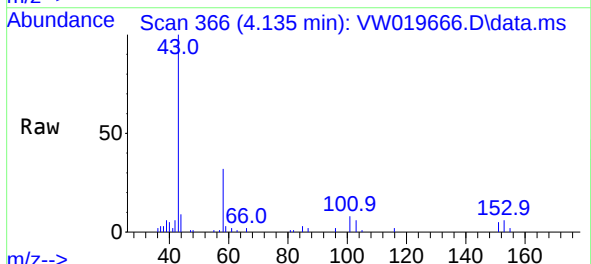
Tgt Ion: 53 Resp: 15947
Ion Ratio Lower Upper
53 100
52 87.0 65.9 98.9
51 40.3 29.2 43.8

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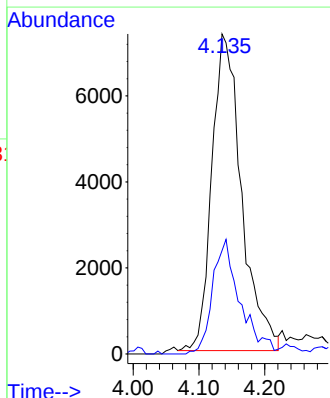
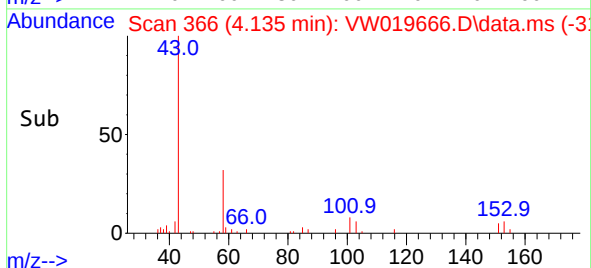
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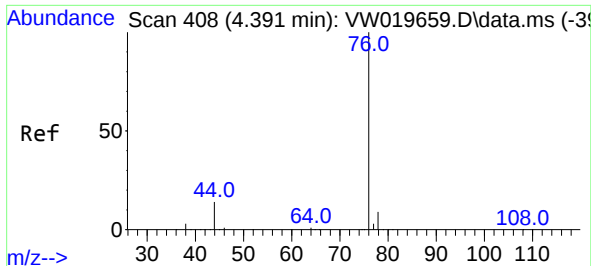


#16
Acetone
Concen: 18.817 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



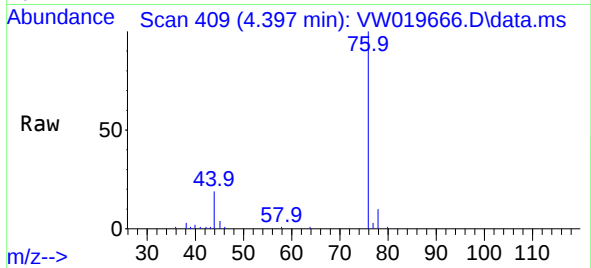
Tgt Ion: 43 Resp: 23061
Ion Ratio Lower Upper
43 100
58 32.6 27.2 40.8





#17
Carbon Disulfide
Concen: 2.493 ug/l
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

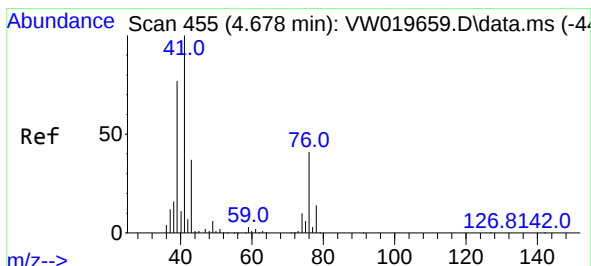
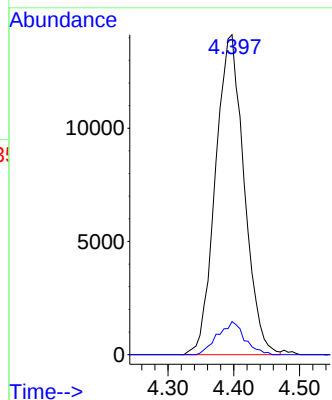
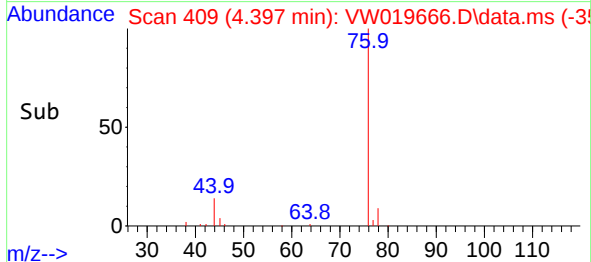
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



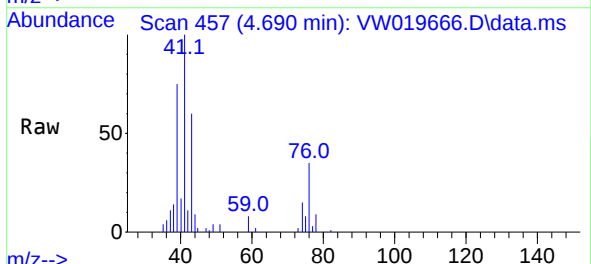
Tgt Ion: 76 Resp: 42837
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#

Manual Integrations
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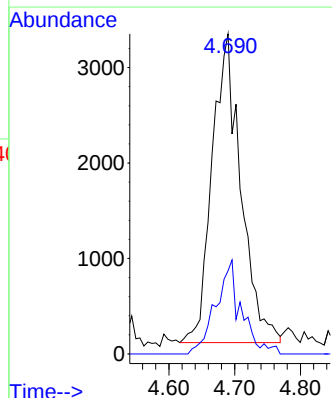
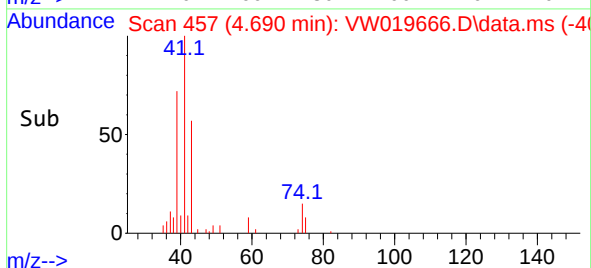
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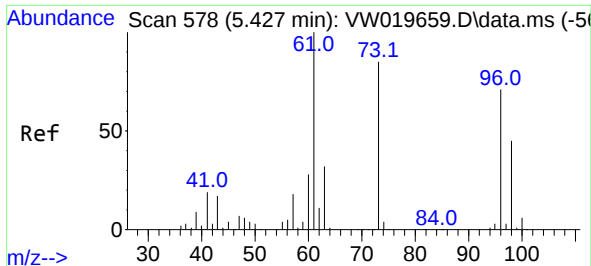


#18
Methyl Acetate
Concen: 2.699 ug/l
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 43 Resp: 9848
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1





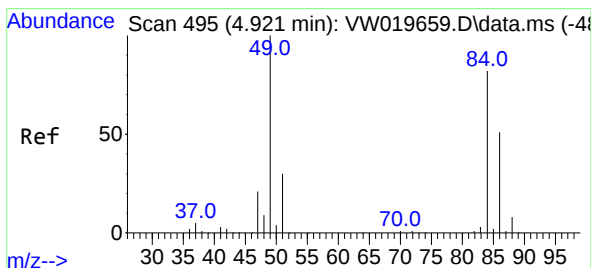
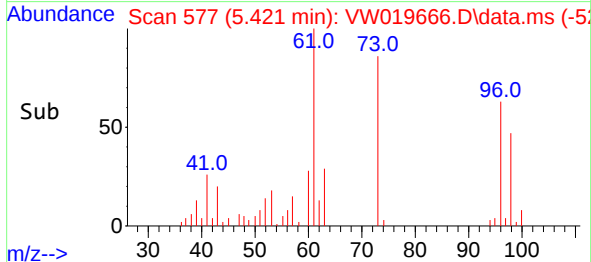
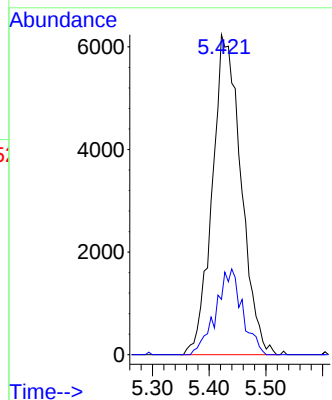
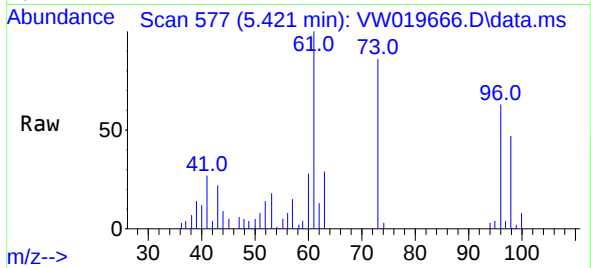
#19
Methyl tert-butyl Ether
Concen: 2.299 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 73 Resp: 21957
Ion Ratio Lower Upper
73 100
57 17.3 17.4 26.0#

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

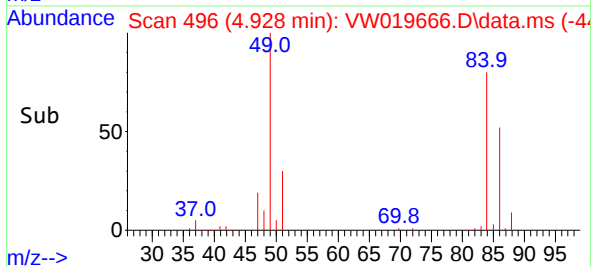
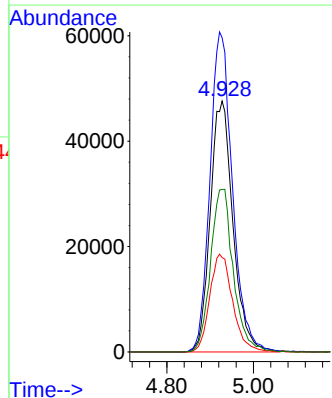
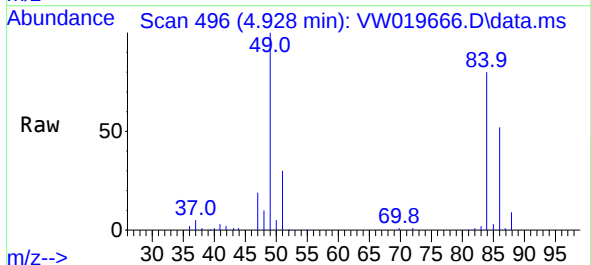
Manual Integrations
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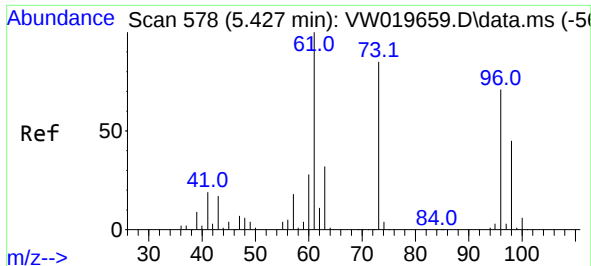
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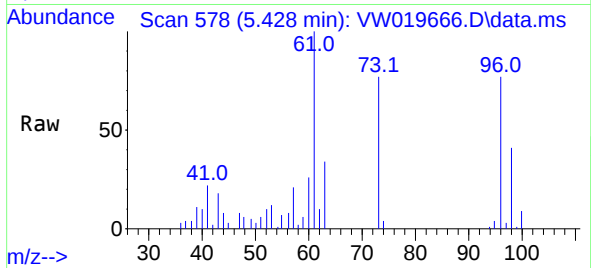
#20
Methylene Chloride
Concen: 16.427 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.007 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 84 Resp: 174329
Ion Ratio Lower Upper
84 100
49 125.3 97.2 145.8
51 37.7 30.1 45.1
86 64.8 49.9 74.9



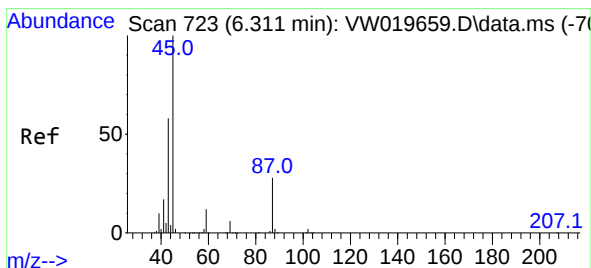
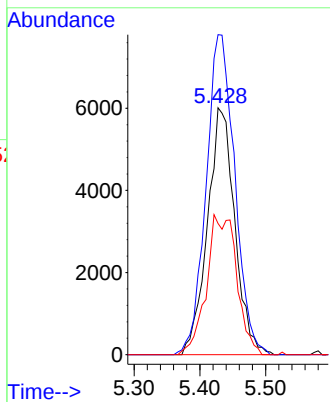
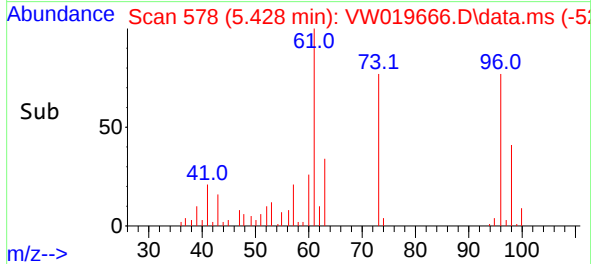


#21
trans-1,2-Dichloroethene
Concen: 2.416 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.001 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

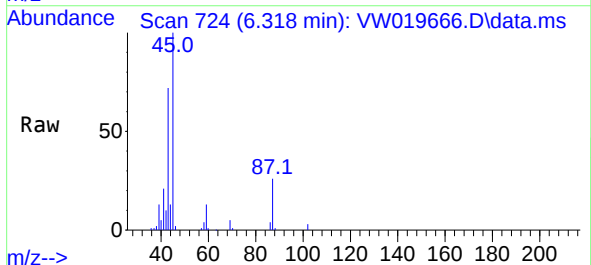


Tgt Ion: 96 Resp: 17388

Ion	Ratio	Lower	Upper
96	100		
61	129.6	110.3	165.5
98	53.2	49.1	73.7

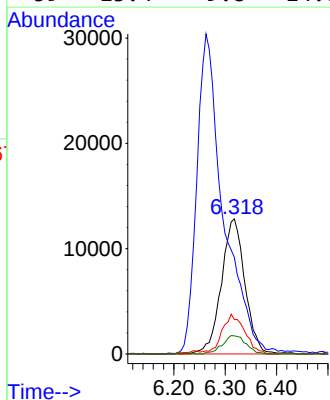
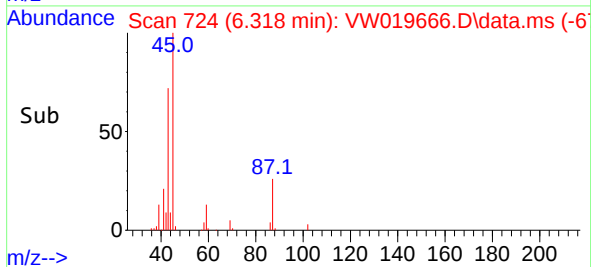


#22
Diisopropyl ether
Concen: 2.047 ug/l
RT: 6.318 min Scan# 724
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 45 Resp: 40858

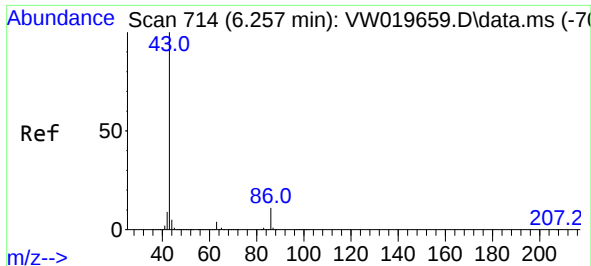
Ion	Ratio	Lower	Upper
45	100		
43	70.7	42.0	63.0#
87	25.5	23.0	34.6
59	13.4	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

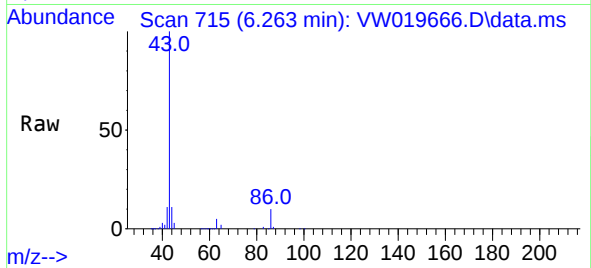
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 9.436 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019666.D
 Acq: 03 Aug 2021 18:18

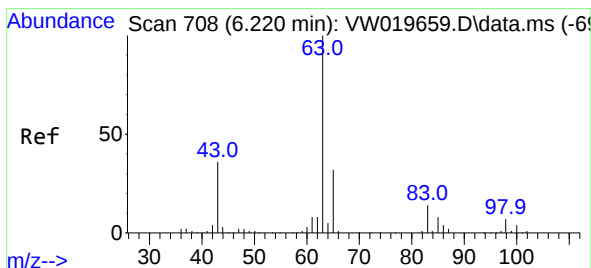
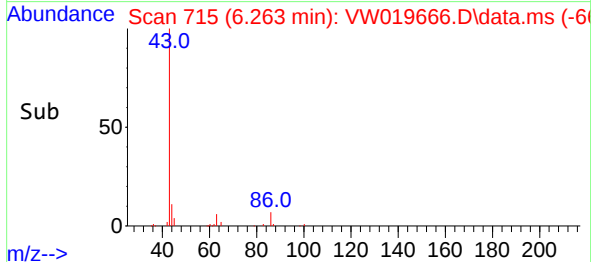
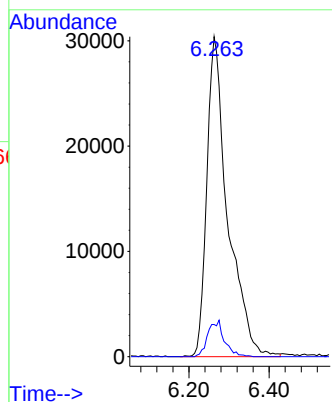
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 43 Resp: 109851
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.1 13.7

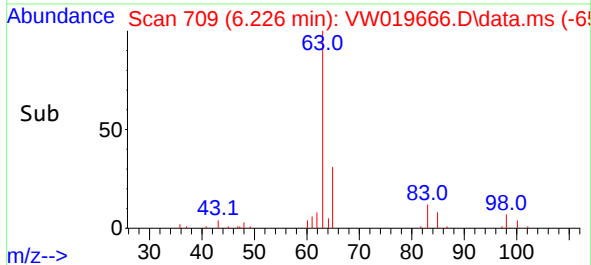
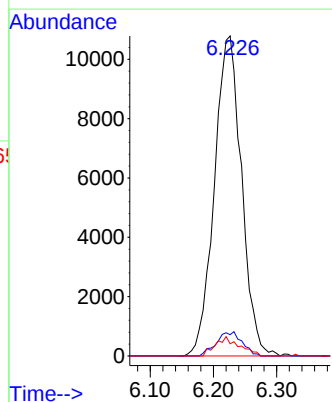
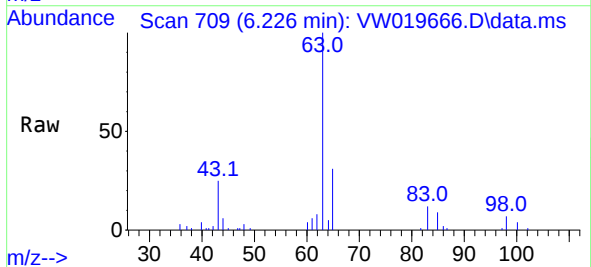
Manual Integrations
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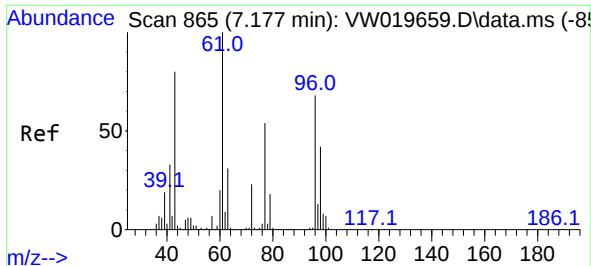
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#24
 1,1-Dichloroethane
 Concen: 2.328 ug/l
 RT: 6.226 min Scan# 709
 Delta R.T. 0.006 min
 Lab File: VW019666.D
 Acq: 03 Aug 2021 18:18

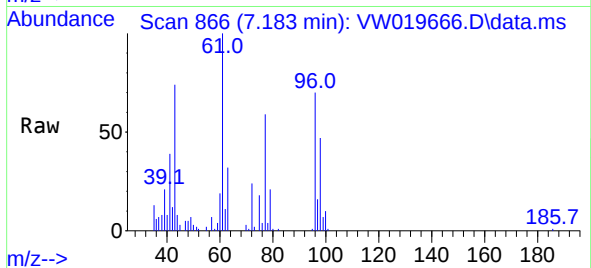
Tgt Ion: 63 Resp: 32072
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.8 2.2 6.6





#25
2-Butanone
Concen: 10.884 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

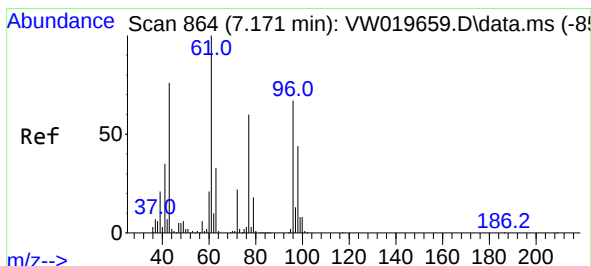
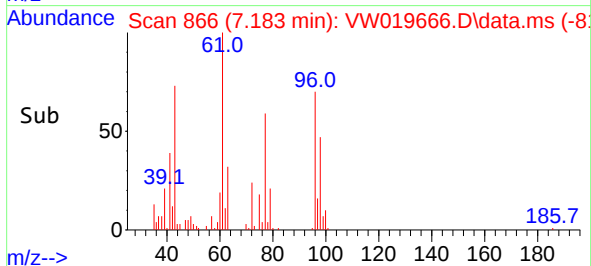
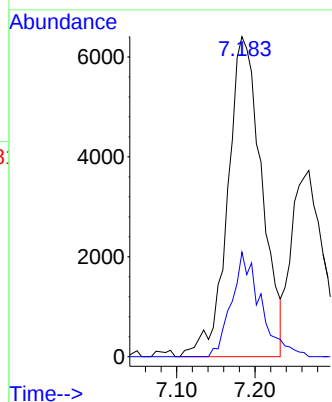
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 43 Resp: 19289
Ion Ratio Lower Upper
43 100
72 32.6 21.4 32.0#

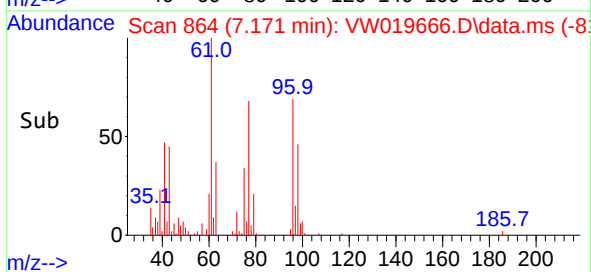
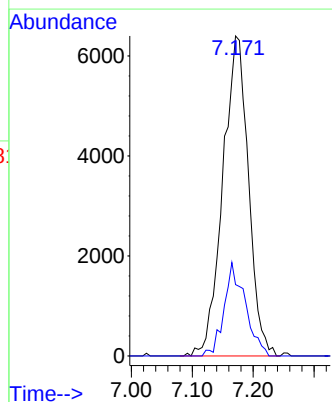
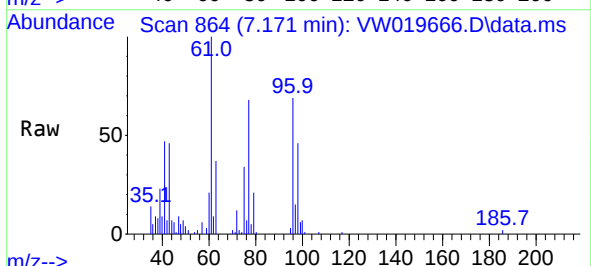
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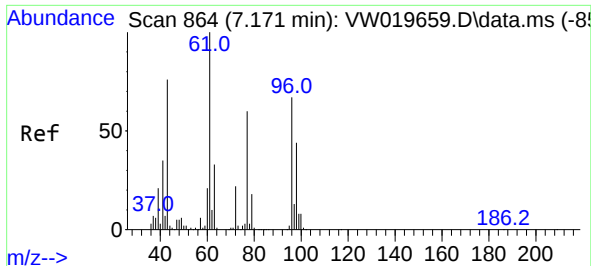
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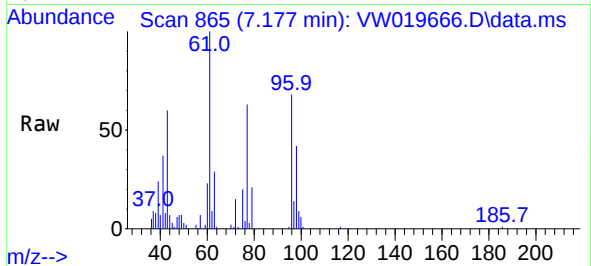
#26
2,2-Dichloropropane
Concen: 2.448 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 77 Resp: 18718
Ion Ratio Lower Upper
77 100
97 24.1 11.4 34.2

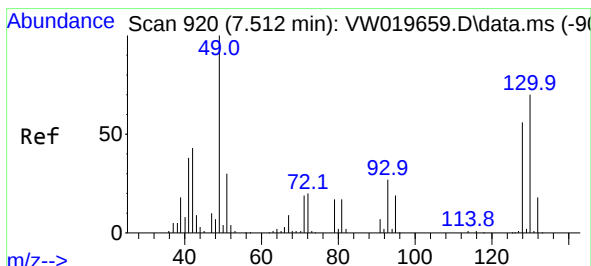
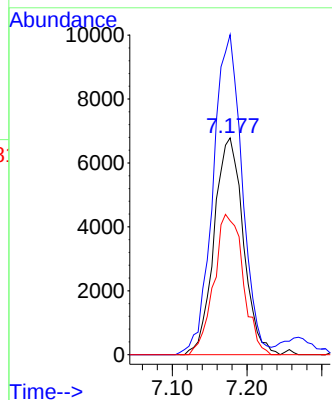
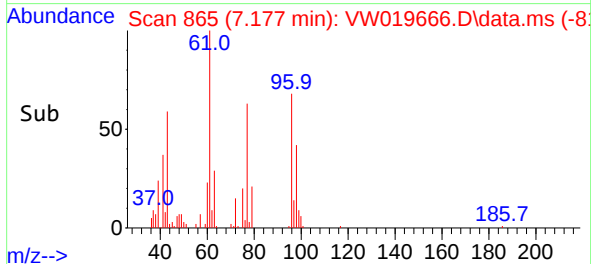




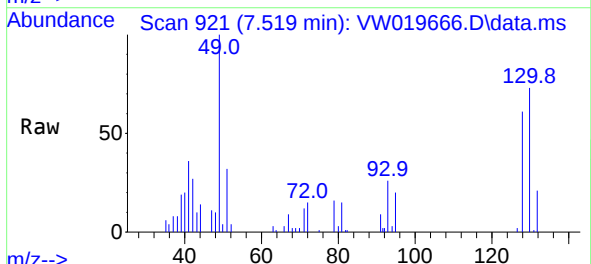
#27
cis-1,2-Dichloroethene
Concen: 2.322 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



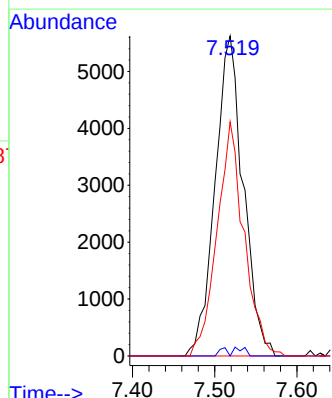
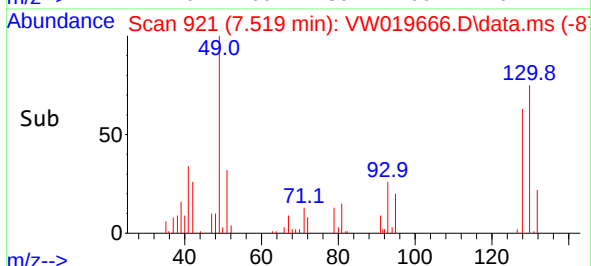
Tgt Ion: 96 Resp: 18427
Ion Ratio Lower Upper
96 100
61 147.3 0.0 289.6
98 64.9 0.0 127.4



#28
Bromochloromethane
Concen: 2.469 ug/l
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



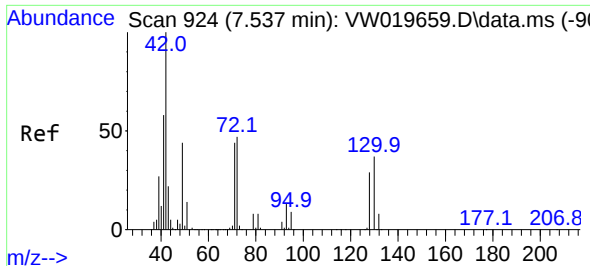
Tgt Ion: 49 Resp: 13407
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.4
130 70.0 59.8 89.6



Instrument :
MSVOA_W
ClientSampleId :
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#29

Tetrahydrofuran

Concen: 11.316 ug/l

RT: 7.543 min Scan# 925

Delta R.T. 0.012 min

Lab File: VW019666.D

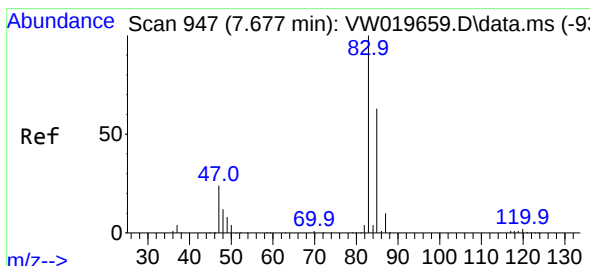
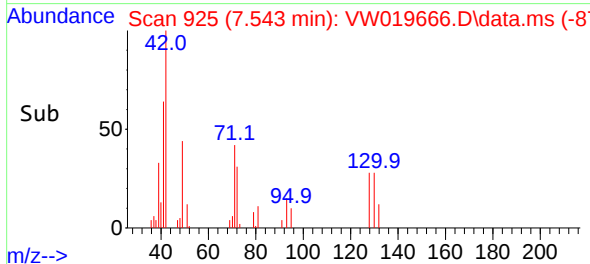
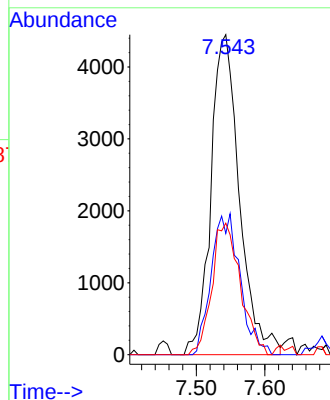
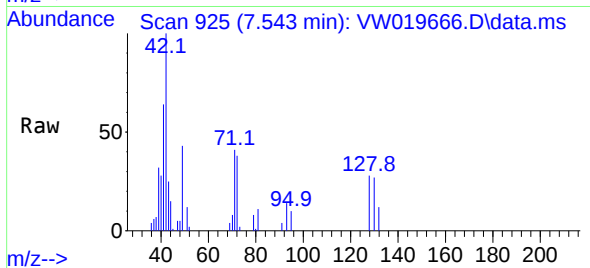
Acq: 03 Aug 2021 18:18

Tgt Ion:	42	Resp:	12858
Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.8	53.8
71	41.1	33.4	50.2

Instrument :
MSVOA_W
ClientSampleId :
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#30

Chloroform

Concen: 2.389 ug/l

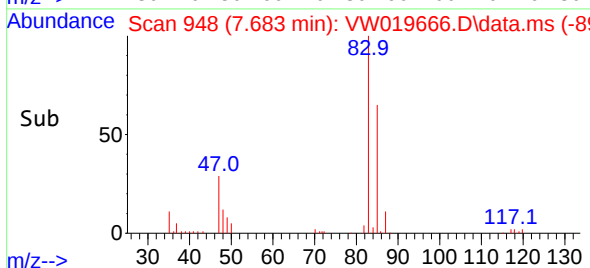
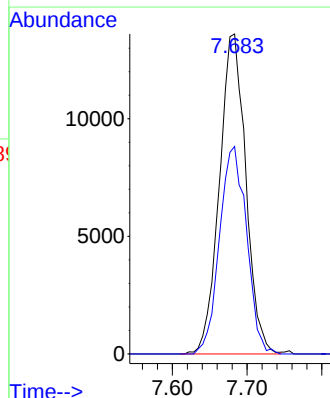
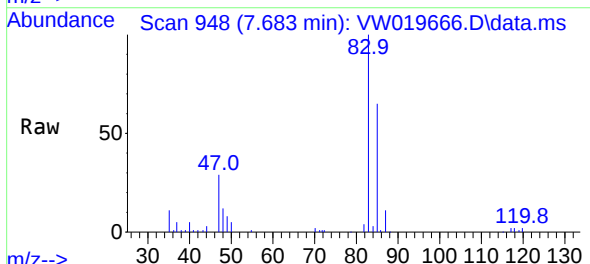
RT: 7.683 min Scan# 948

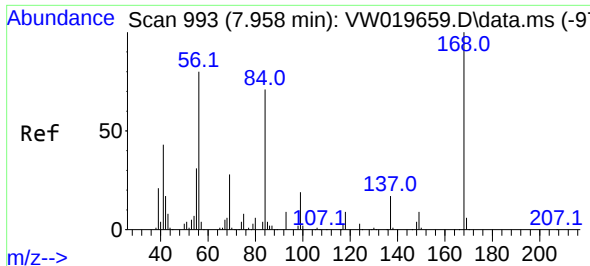
Delta R.T. 0.006 min

Lab File: VW019666.D

Acq: 03 Aug 2021 18:18

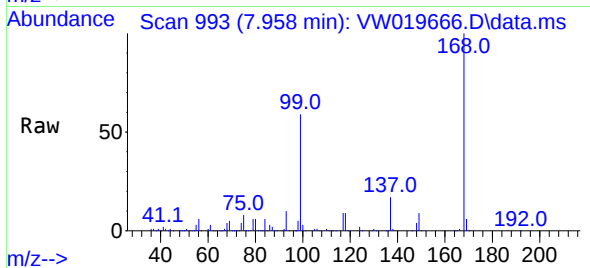
Tgt Ion:	83	Resp:	33399
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.1	78.1





#31
Cyclohexane
Concen: 3.418 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.001 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

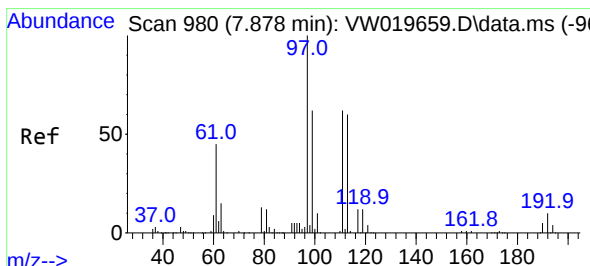
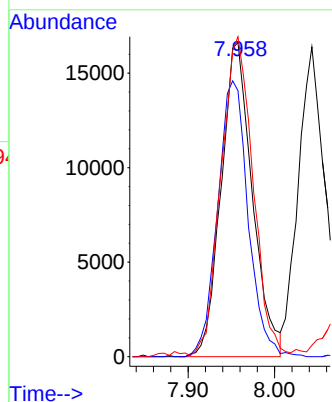
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



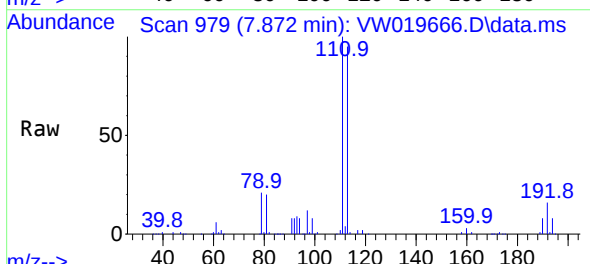
Tgt Ion: 56 Resp: 41542
Ion Ratio Lower Upper
56 100
69 84.7 28.3 42.5#
84 100.9 68.1 102.1

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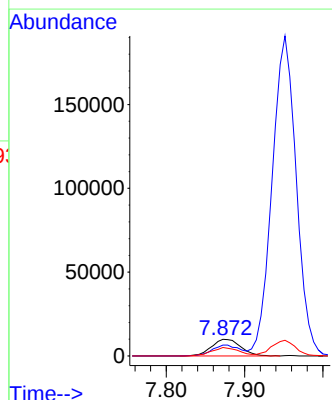
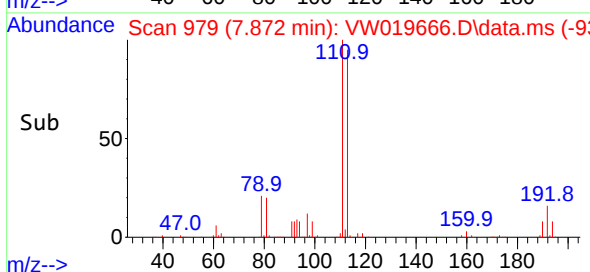
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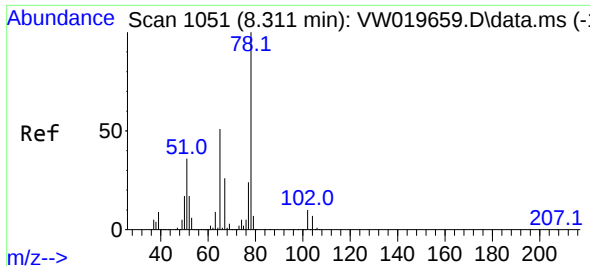


#32
1,1,1-Trichloroethane
Concen: 2.376 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 97 Resp: 25790
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 49.0 36.5 54.7





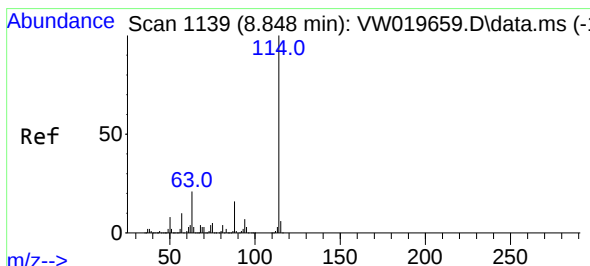
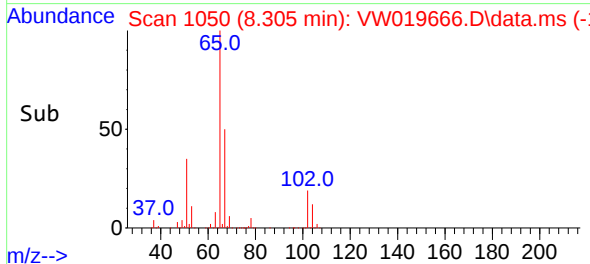
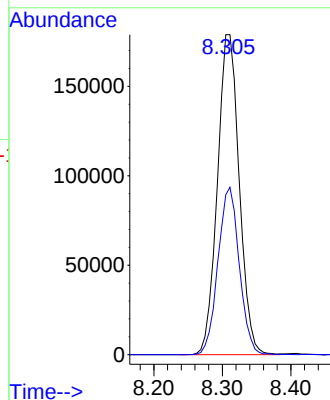
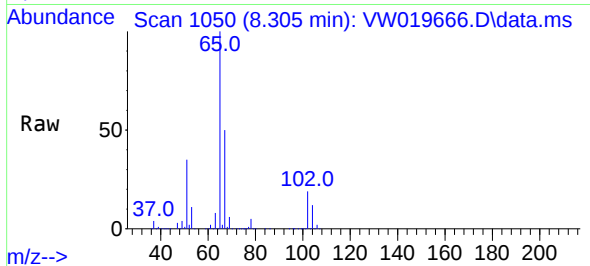
#33
1,2-Dichloroethane-d4
Concen: 47.662 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019666.D
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Tgt Ion: 65 Resp: 395353
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.8

Instrument :
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ClientSampleId :
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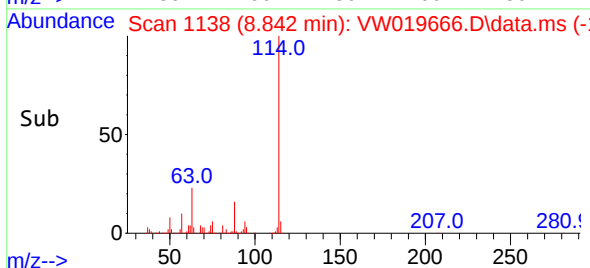
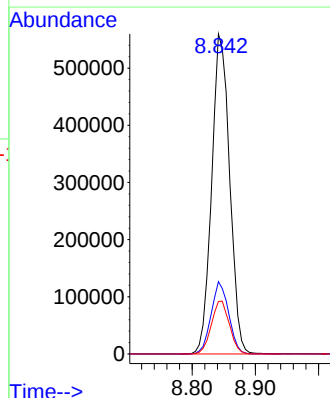
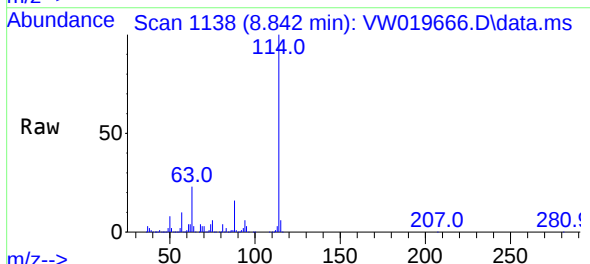
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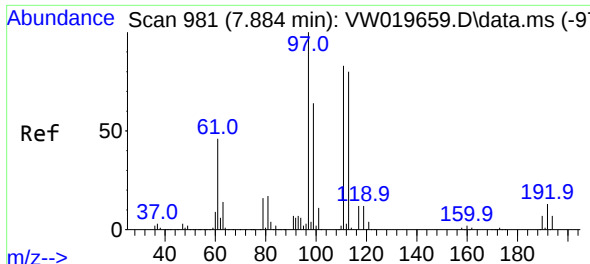
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.001 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

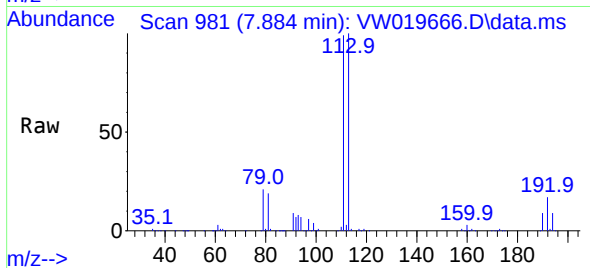
Tgt Ion: 114 Resp: 1105415
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.8
88 16.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.439 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

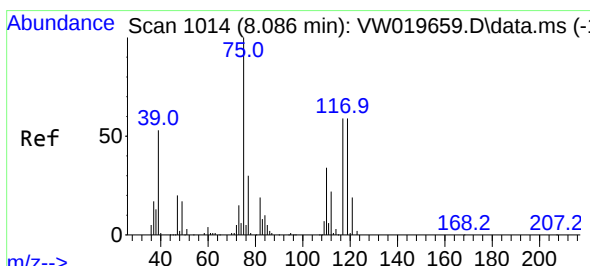
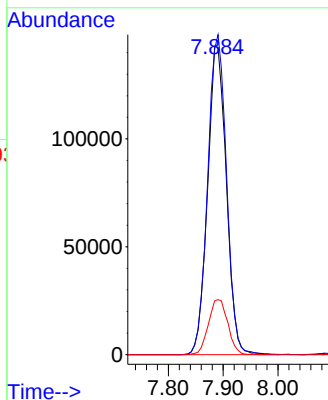
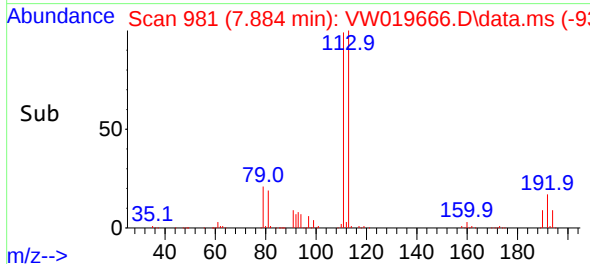
Instrument :
MSVOA_W
ClientSampleId :
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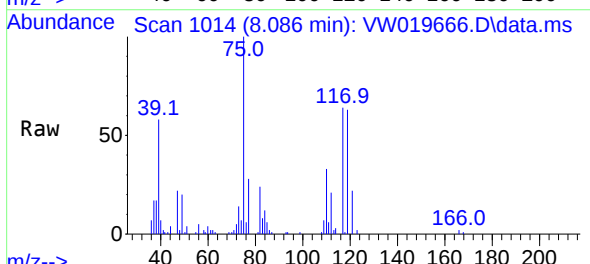
Tgt Ion:113 Resp: 339316
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.5 15.4 23.2

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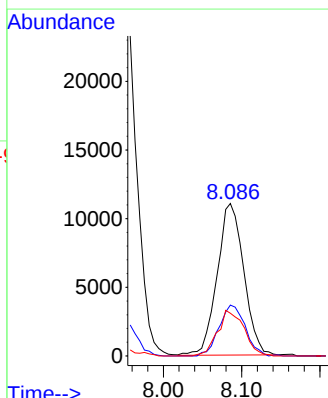
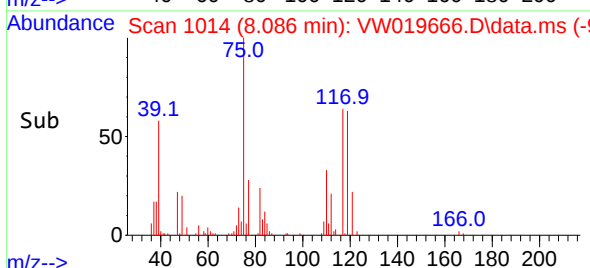
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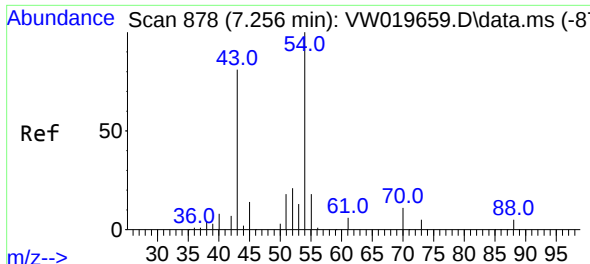


#36
1,1-Dichloropropene
Concen: 2.409 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 75 Resp: 26099
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.7
77 29.9 25.1 37.7





#37

Ethyl Acetate

Concen: 2.544 ug/l m

RT: 7.269 min Scan# 880

Delta R.T. 0.019 min

Lab File: VW019666.D

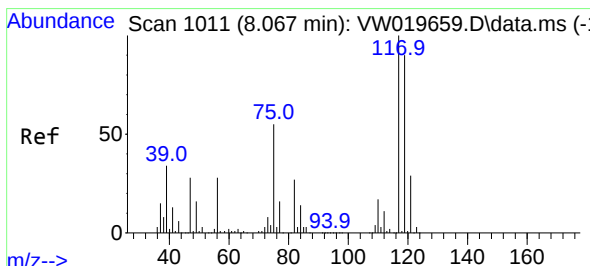
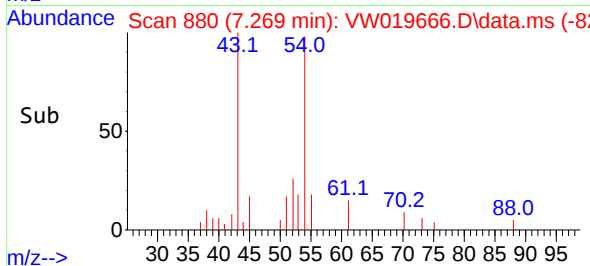
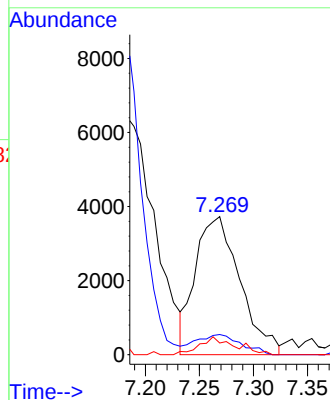
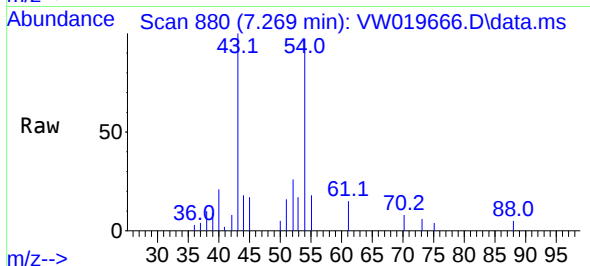
Acq: 03 Aug 2021 18:18

Tgt Ion:	43	Resp:	10688
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	10.3	9.4	14.0

Instrument :
MSVOA_W
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 2.361 ug/l

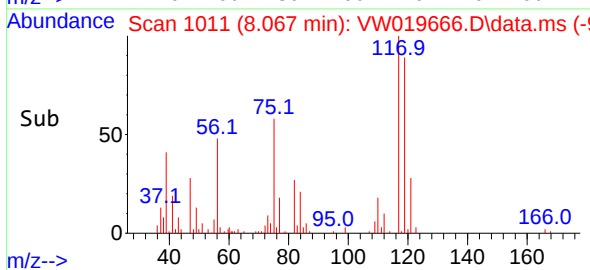
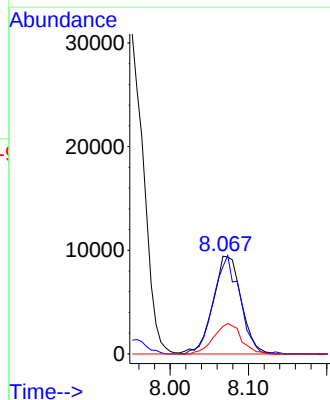
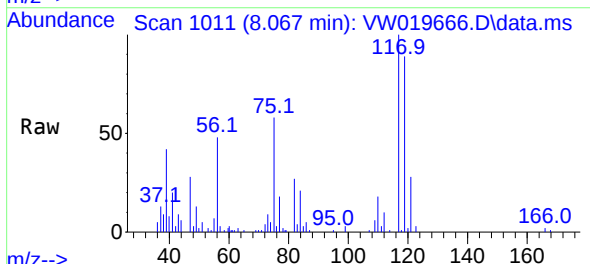
RT: 8.067 min Scan# 1011

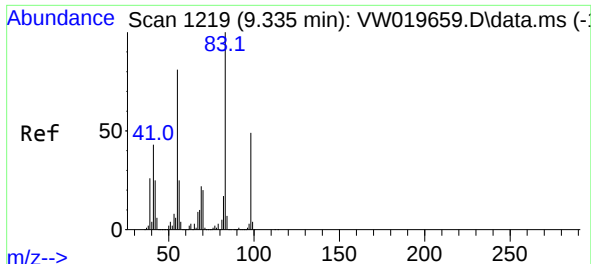
Delta R.T. -0.006 min

Lab File: VW019666.D

Acq: 03 Aug 2021 18:18

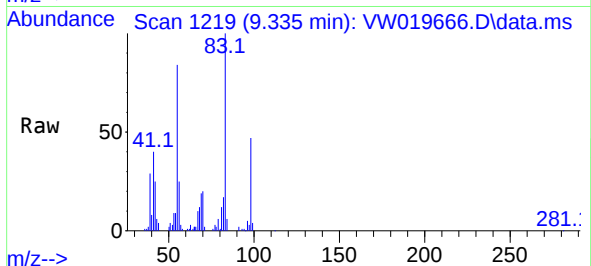
Tgt Ion:	117	Resp:	23691
Ion	Ratio	Lower	Upper
117	100		
119	89.3	76.7	115.1
121	28.1	24.8	37.2





#39
Methylcyclohexane
Concen: 2.312 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

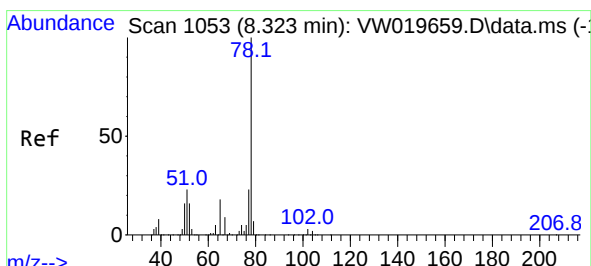
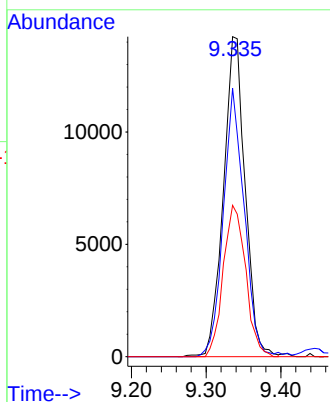
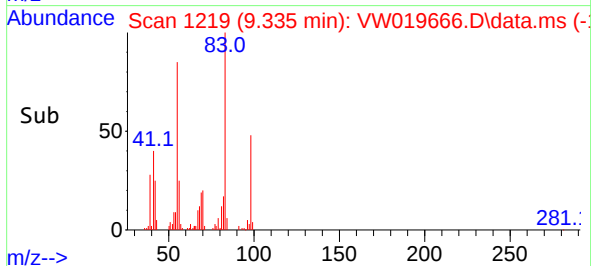
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



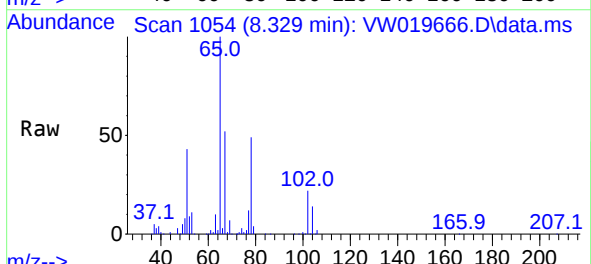
Tgt Ion:	83	Resp:	28765
Ion	Ratio	Lower	Upper
83	100		
55	83.9	64.9	97.3
98	47.3	38.1	57.1

Manual Integrations
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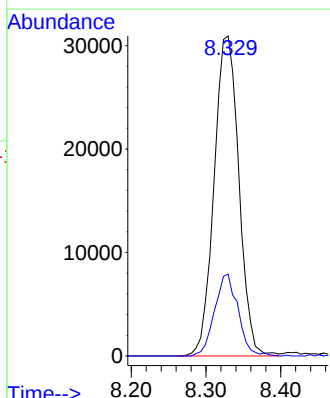
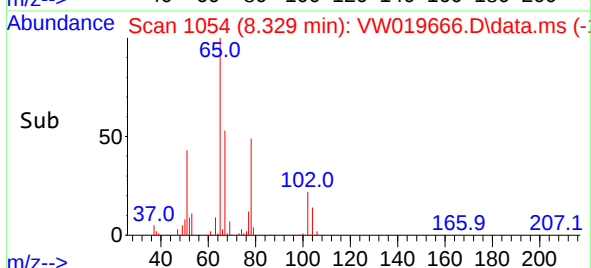
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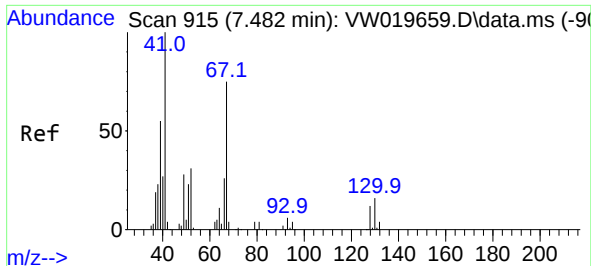


#40
Benzene
Concen: 2.392 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

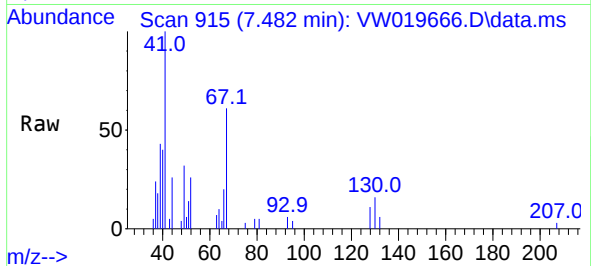


Tgt Ion:	78	Resp:	71367
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.2	28.8

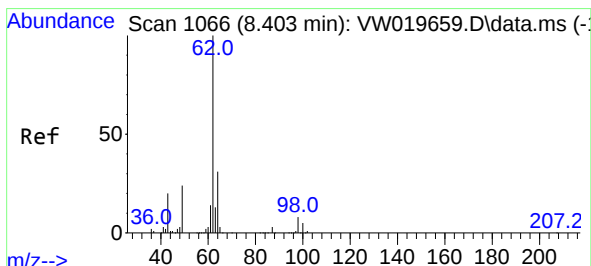
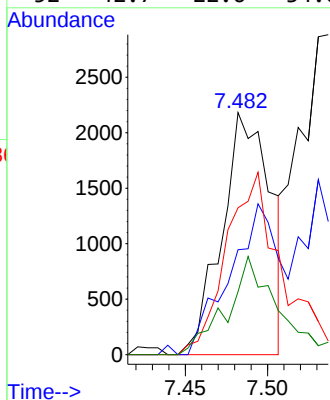
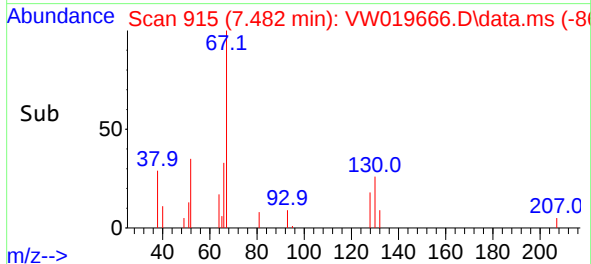




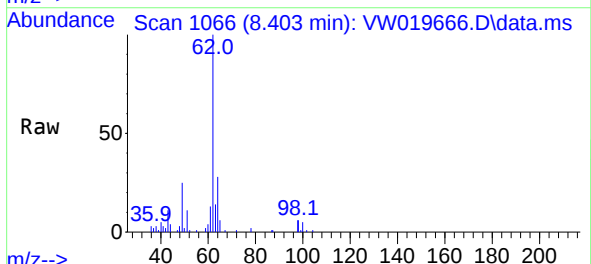
#41
Methacrylonitrile
Concen: 1.901 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



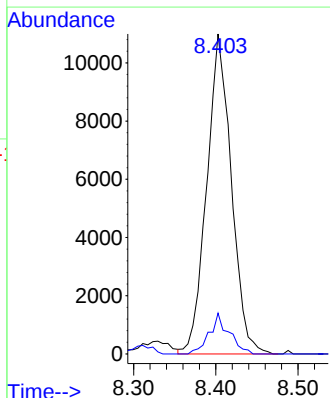
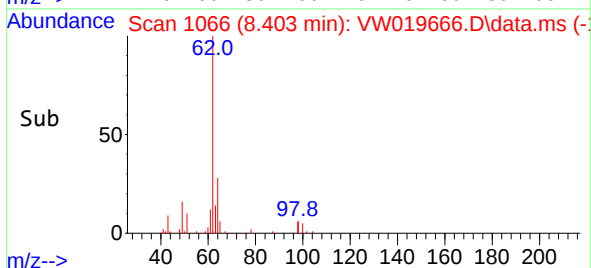
Tgt Ion:	41	Resp:	4502
Ion	Ratio	Lower	Upper
41	100		
39	64.5	41.6	62.4#
67	84.0	55.3	82.9#
52	42.7	22.6	34.0#



#42
1,2-Dichloroethane
Concen: 2.451 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



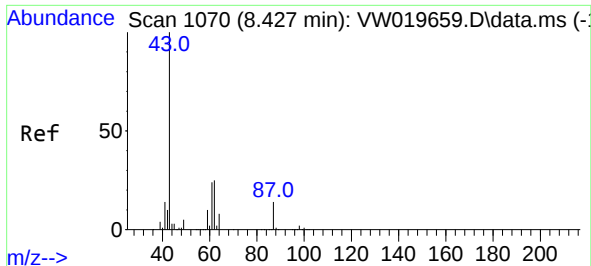
Tgt Ion:	62	Resp:	22891
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.4



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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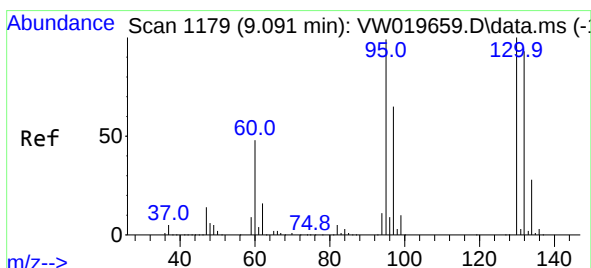
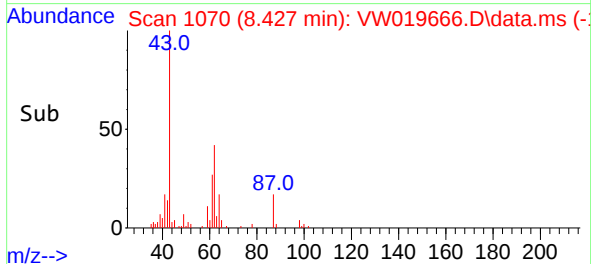
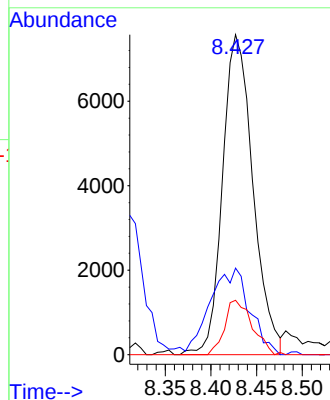
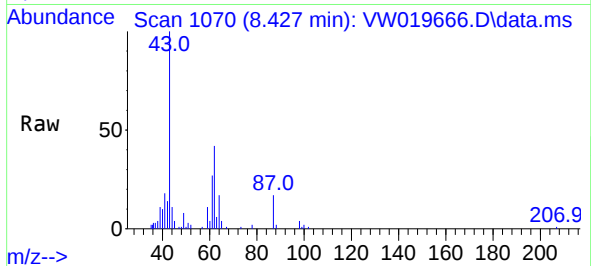
#43
Isopropyl Acetate
Concen: 2.203 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion:	43	Resp:	17557
Ion Ratio	Lower	Upper	
43	100		
61	35.7	26.2	39.4
87	15.5	11.0	16.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

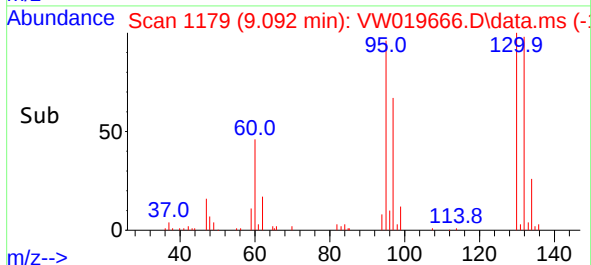
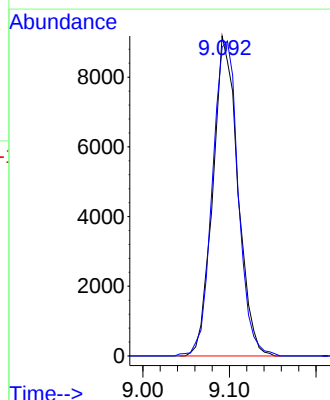
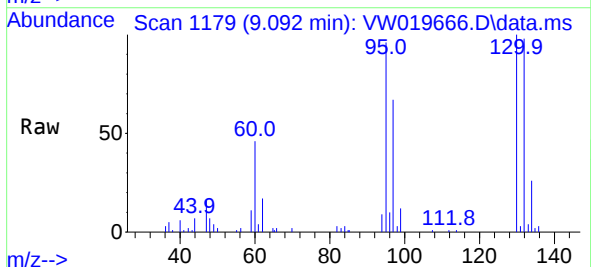
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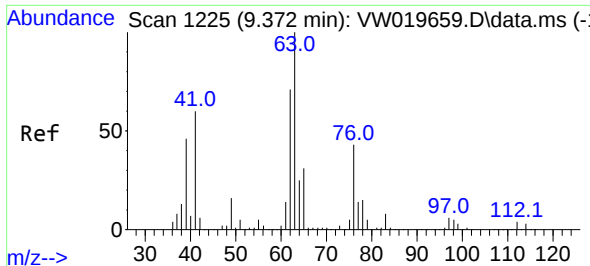
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#44
Trichloroethene
Concen: 2.391 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion:	130	Resp:	18348
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	194.6





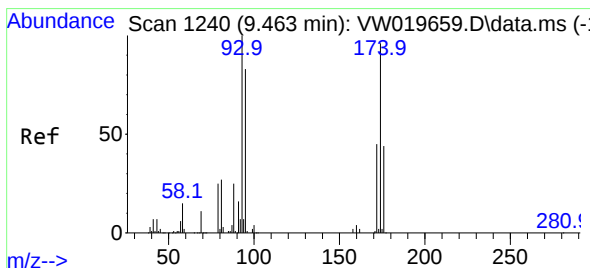
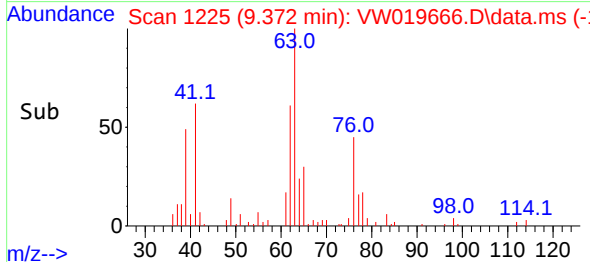
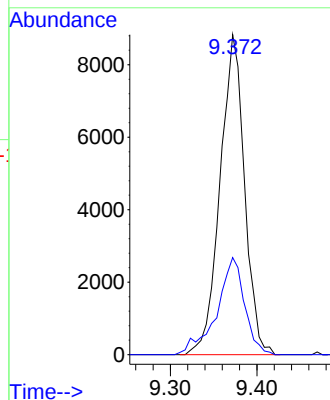
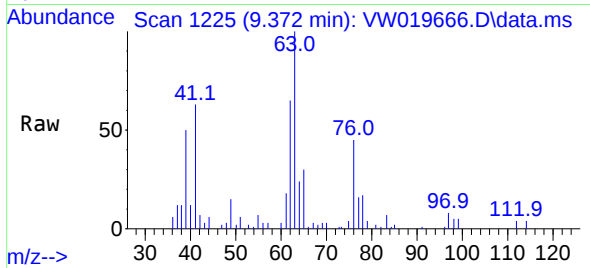
#45
1,2-Dichloropropane
Concen: 2.292 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 63 Resp: 17318
Ion Ratio Lower Upper
63 100
65 30.4 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
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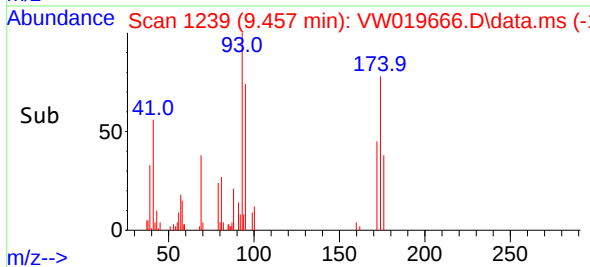
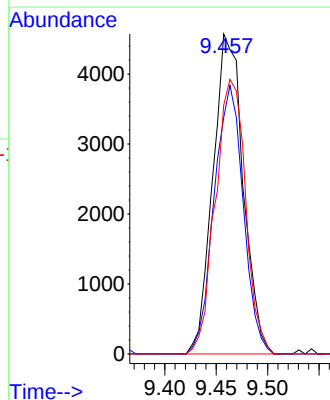
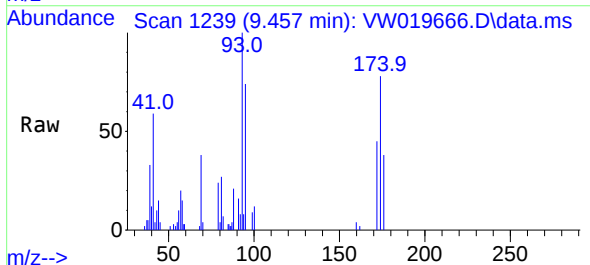
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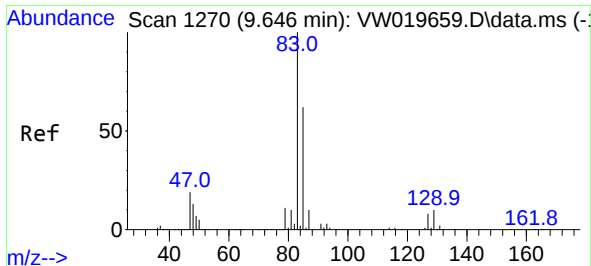
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#46
Dibromomethane
Concen: 2.340 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 93 Resp: 9353
Ion Ratio Lower Upper
93 100
95 80.9 66.0 99.0
174 85.7 75.0 112.6





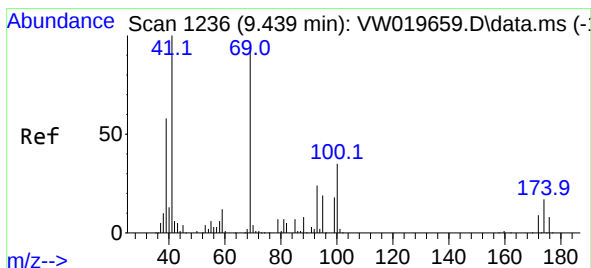
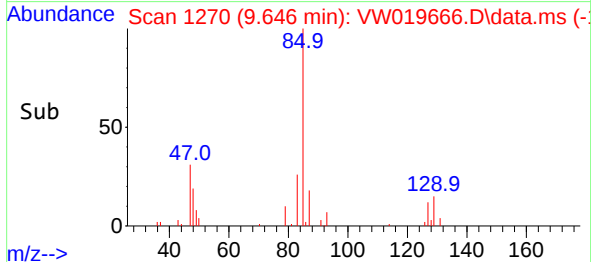
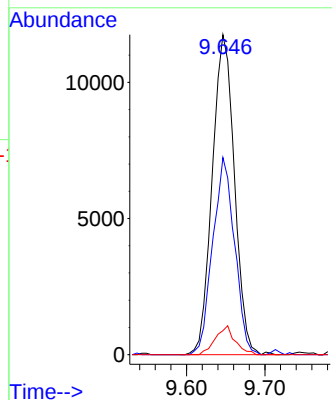
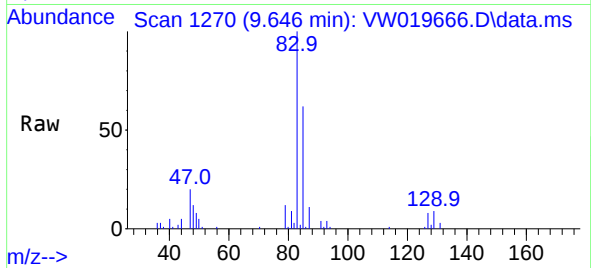
#47
Bromodichloromethane
Concen: 2.316 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion:	83	Resp:	23118
Ion Ratio	Lower	Upper	
83	100		
85	61.6	49.9	74.9
127	7.5	6.2	9.4

Instrument :
MSVOA_W
ClientSampleId :
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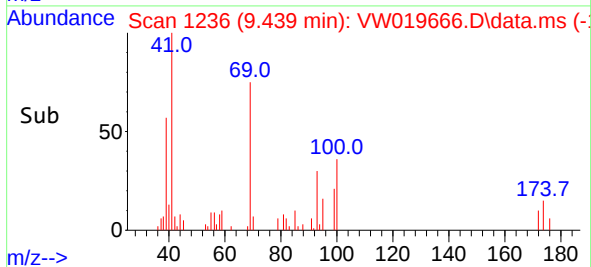
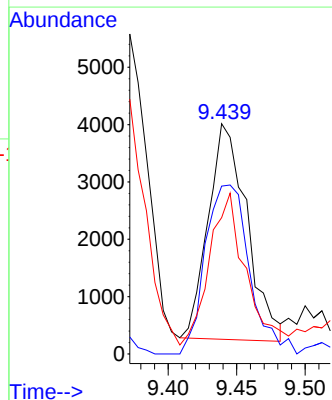
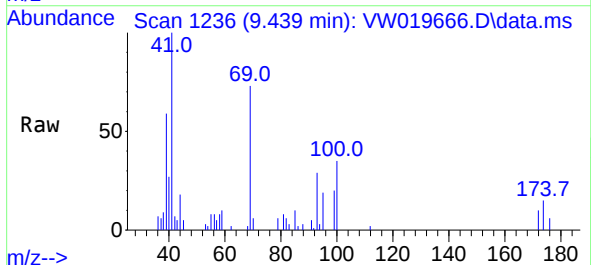
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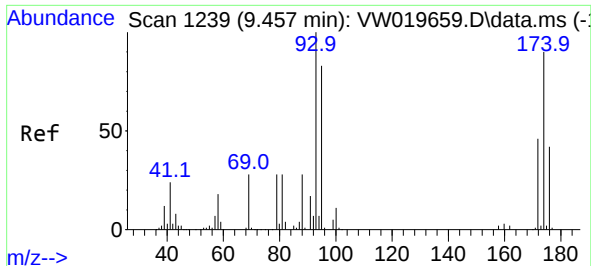
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#48
Methyl methacrylate
Concen: 2.088 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

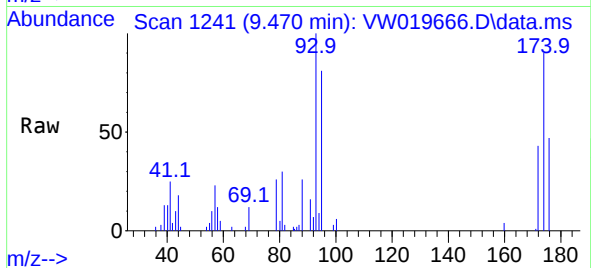
Tgt Ion:	41	Resp:	7397
Ion Ratio	Lower	Upper	
41	100		
69	89.1	74.5	111.7
39	66.2	41.1	61.7#





#49
1,4-Dioxane
Concen: 43.488 ug/l
RT: 9.470 min Scan# 1241
Delta R.T. 0.024 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

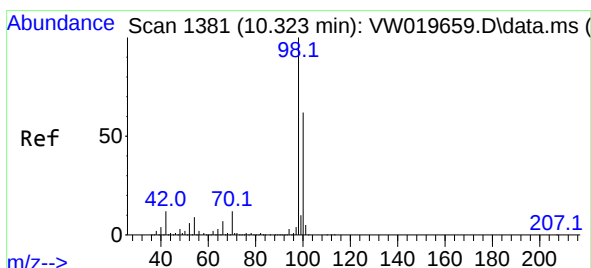
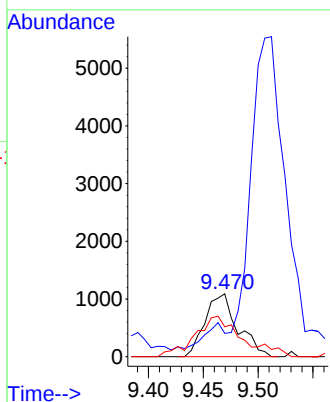
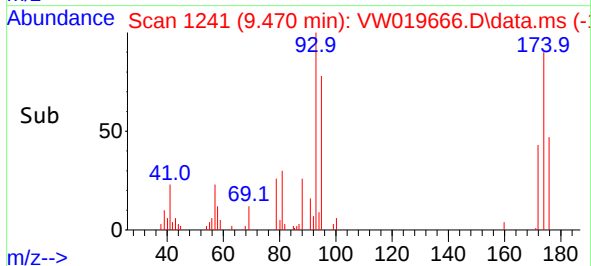
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



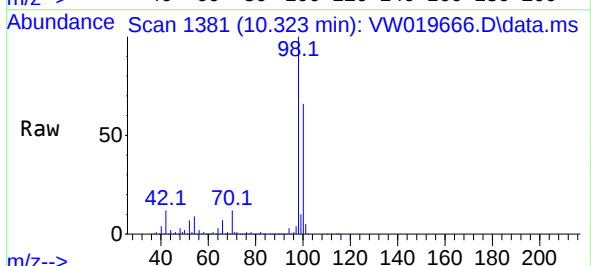
Tgt Ion: 88 Resp: 2262
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0#
58 91.8 61.8 92.6

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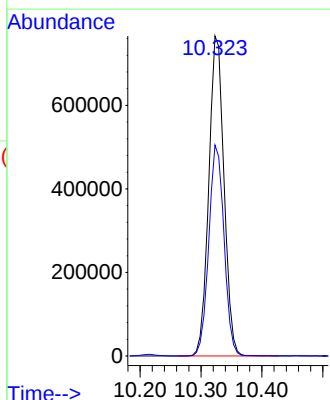
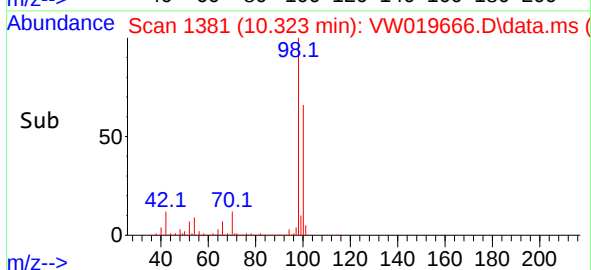
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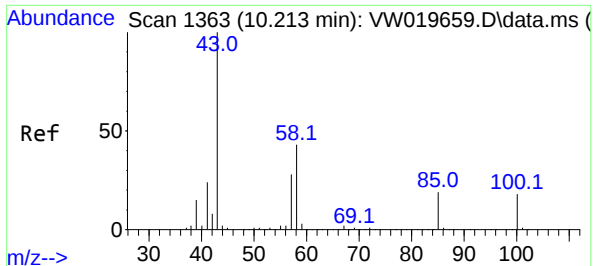


#50
Toluene-d8
Concen: 46.527 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



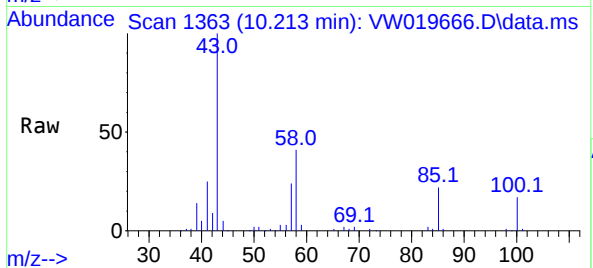
Tgt Ion: 98 Resp: 1328532
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 10.869 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

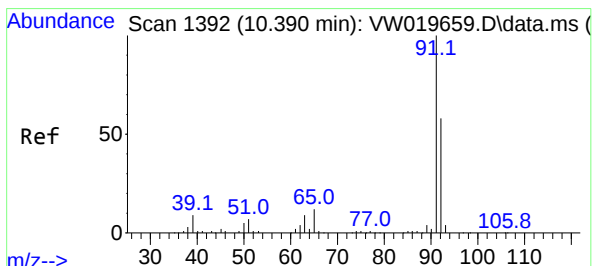
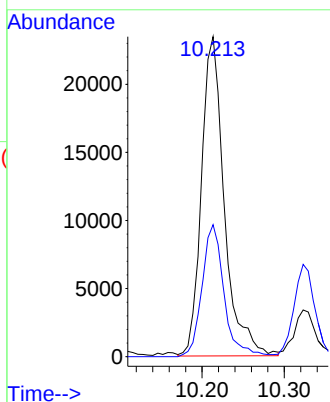
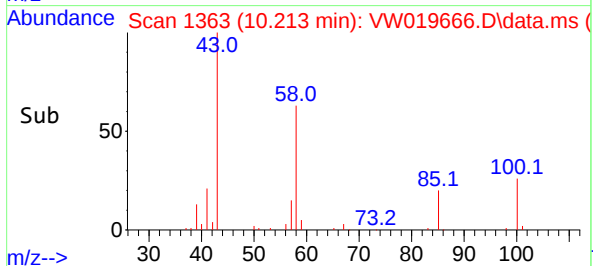
Instrument :
MSVOA_W
ClientSampleId :
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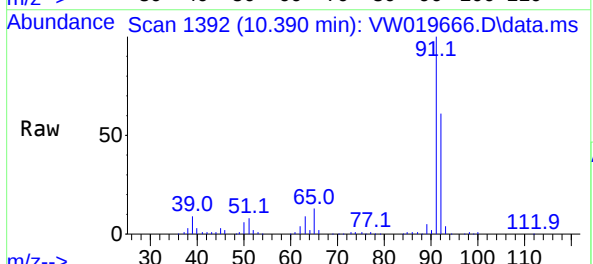
Tgt Ion: 43 Resp: 45316
Ion Ratio Lower Upper
43 100
58 39.7 33.4 50.0

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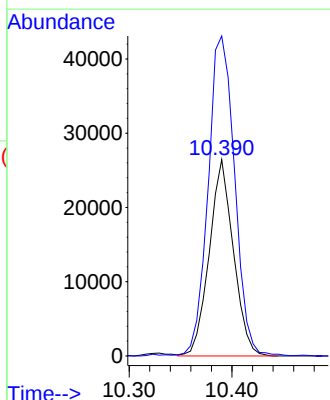
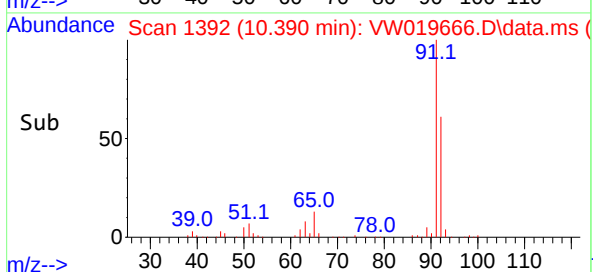
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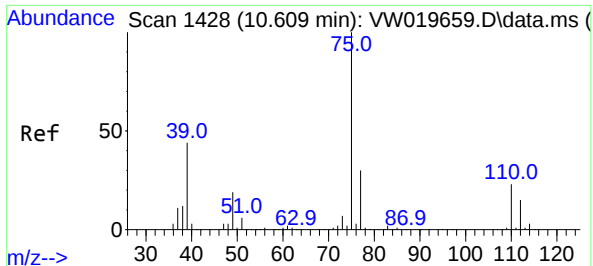


#52
Toluene
Concen: 2.295 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 92 Resp: 43142
Ion Ratio Lower Upper
92 100
91 178.0 139.3 208.9





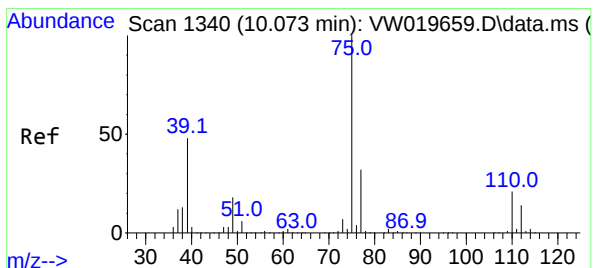
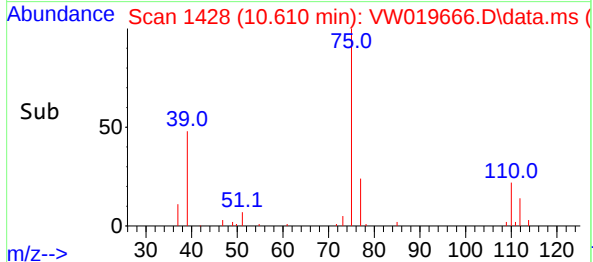
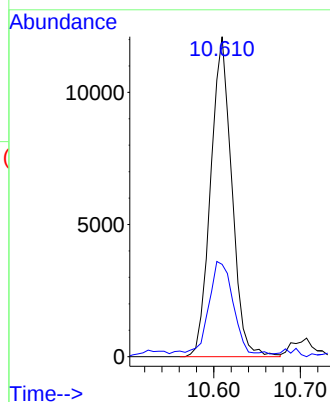
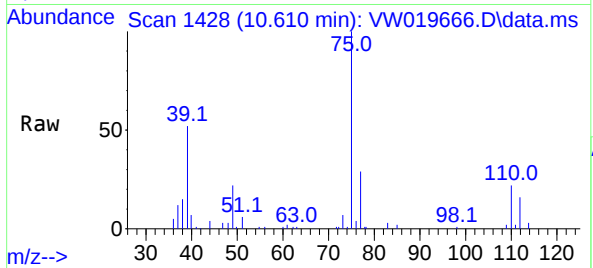
#53
t-1,3-Dichloropropene
Concen: 2.106 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.001 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 75 Resp: 20523
Ion Ratio Lower Upper
75 100
77 27.7 24.9 37.3

Instrument :
MSVOA_W
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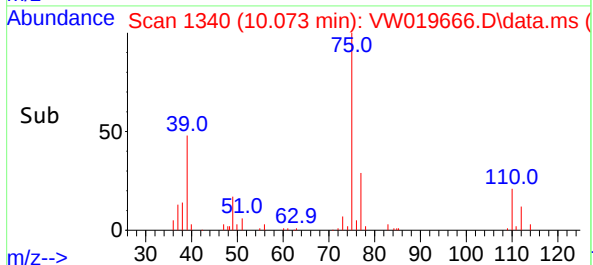
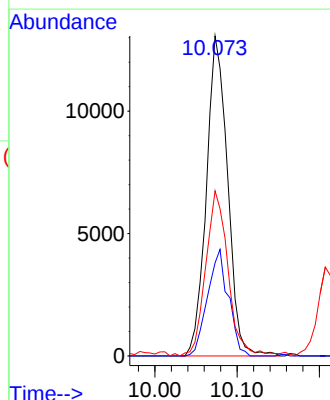
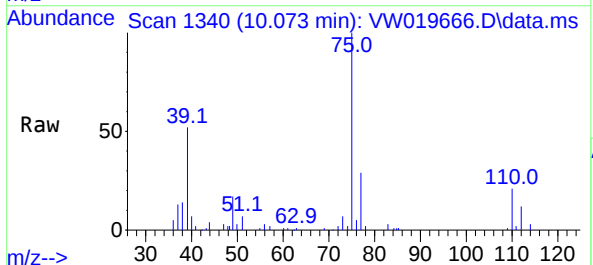
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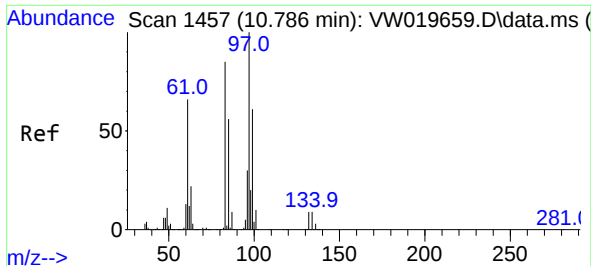
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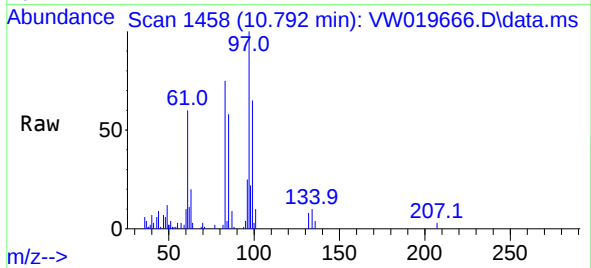
#54
cis-1,3-Dichloropropene
Concen: 2.059 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 75 Resp: 23453
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.0
39 51.6 35.3 52.9



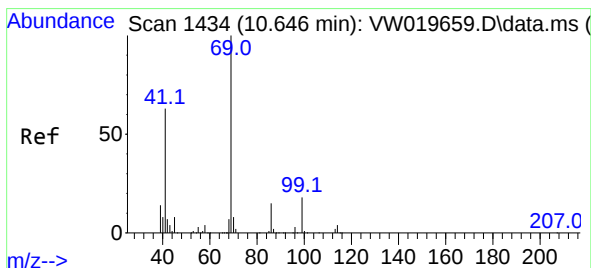
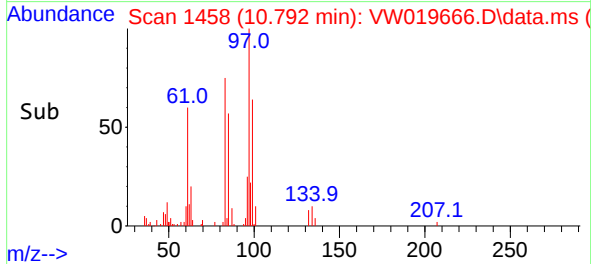
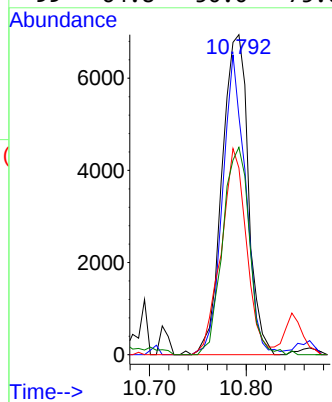


#55
1,1,2-Trichloroethane
Concen: 2.340 ug/l
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

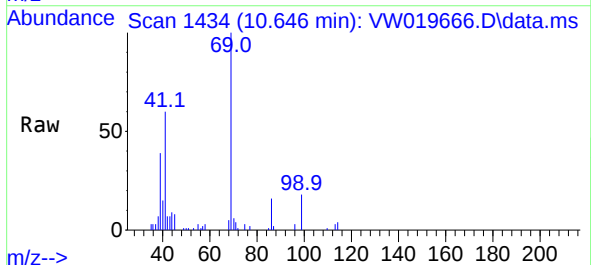


Tgt Ion: 97 Resp: 13071

Ion	Ratio	Lower	Upper
97	100		
83	74.5	69.4	104.2
85	58.3	43.3	64.9
99	64.8	50.0	75.0

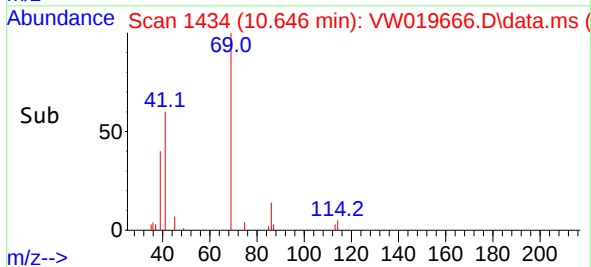
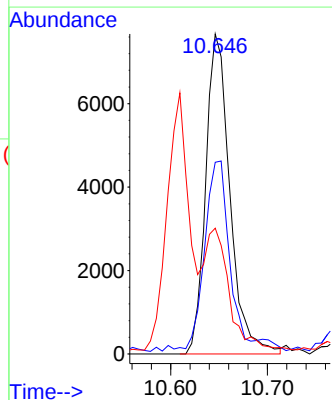


#56
Ethyl methacrylate
Concen: 1.990 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 69 Resp: 13368

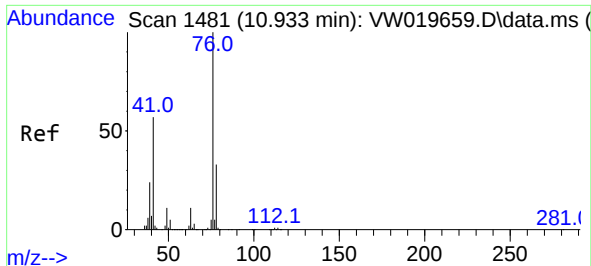
Ion	Ratio	Lower	Upper
69	100		
41	58.6	51.0	76.6
39	41.0	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
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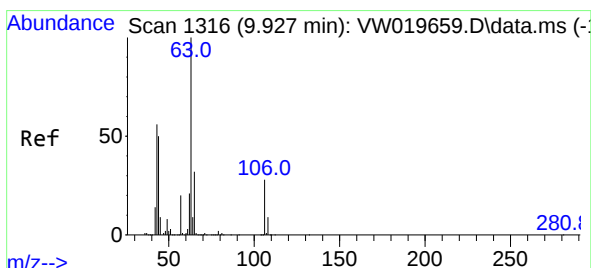
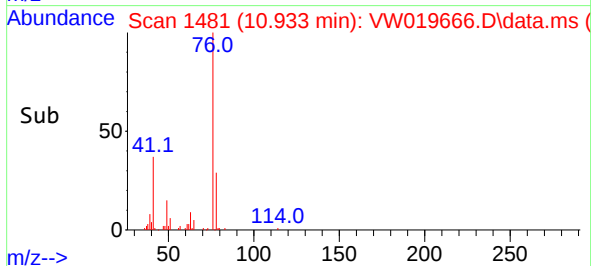
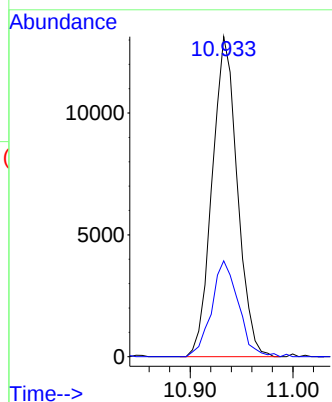
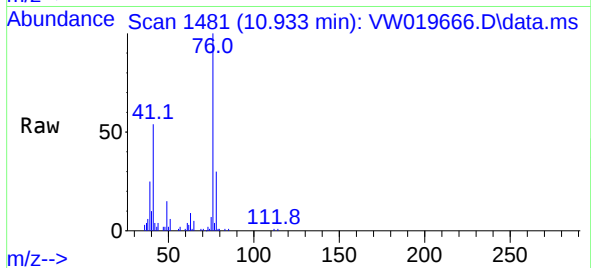
#57
1,3-Dichloropropane
Concen: 2.260 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 76 Resp: 22295
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

Instrument :
MSVOA_W
ClientSampleId :
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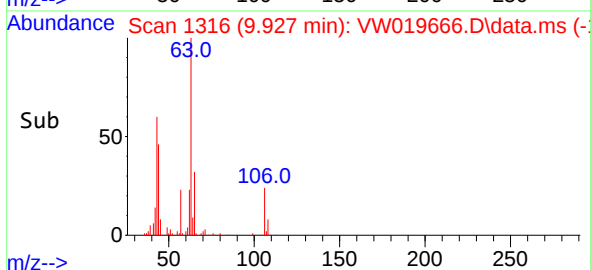
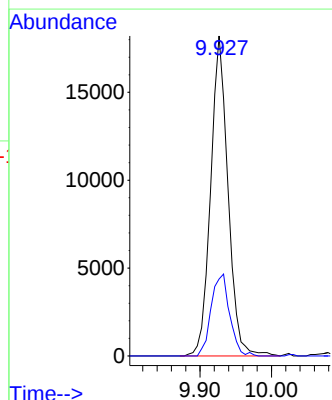
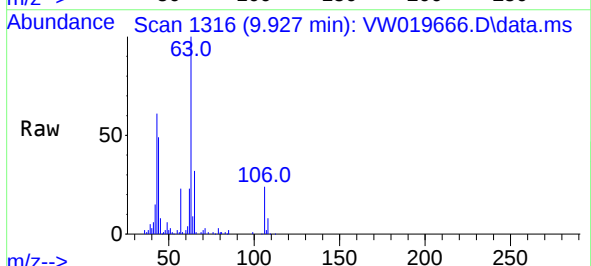
Manual Integrations
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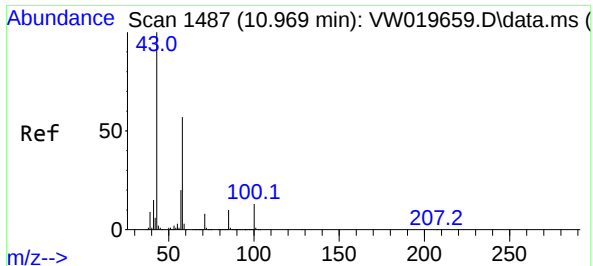
MMDadoda
8/4/2021 7:04:38 PM



#58
2-Chloroethyl Vinyl ether
Concen: 9.837 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 63 Resp: 30697
Ion Ratio Lower Upper
63 100
106 27.2 22.6 33.8





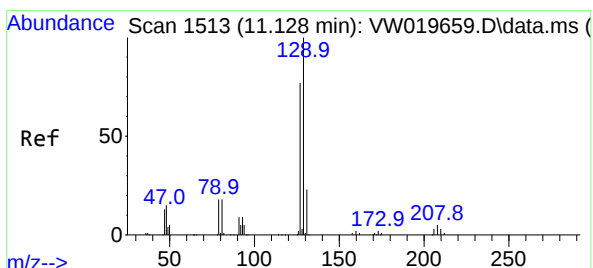
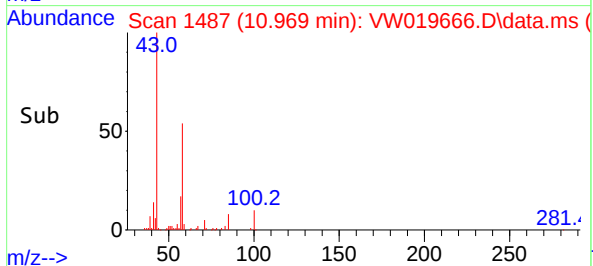
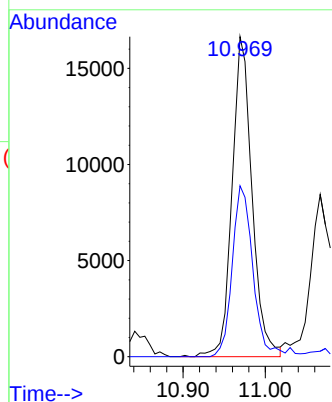
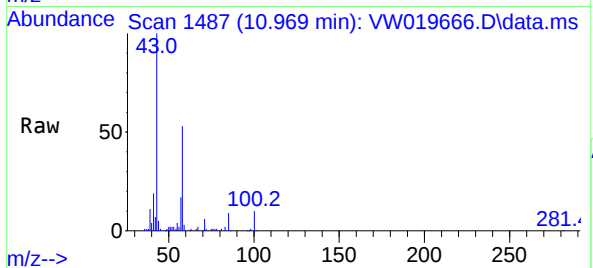
#59
2-Hexanone
Concen: 9.967 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 43 Resp: 28019
Ion Ratio Lower Upper
43 100
58 55.1 29.3 87.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

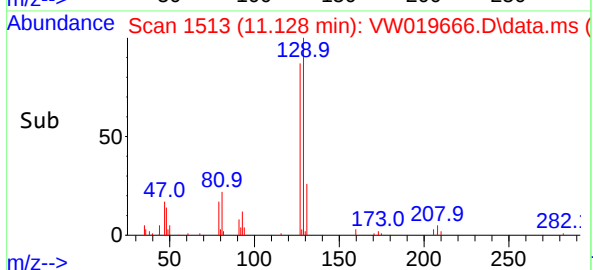
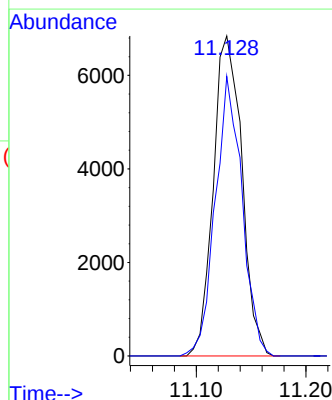
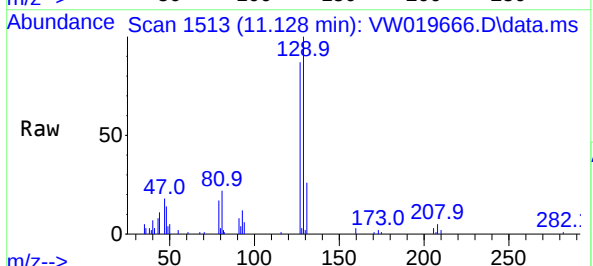
Manual Integrations
APPROVED

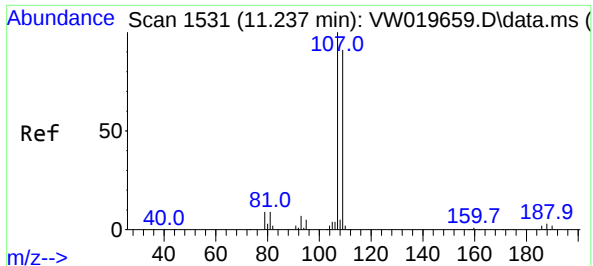
MMDadoda
8/4/2021 7:04:38 PM



#60
Dibromochloromethane
Concen: 2.034 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

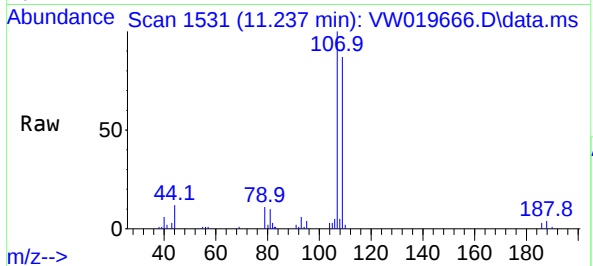
Tgt Ion: 129 Resp: 12359
Ion Ratio Lower Upper
129 100
127 82.1 39.8 119.4





#61
1,2-Dibromoethane
Concen: 2.214 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

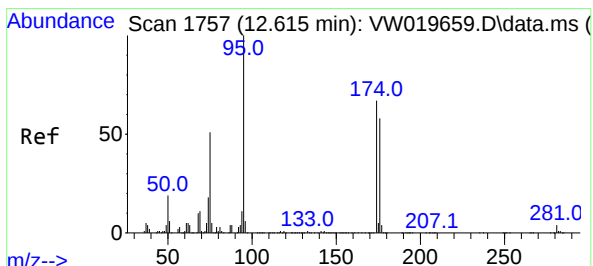
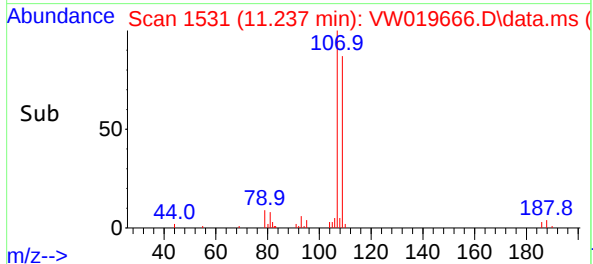
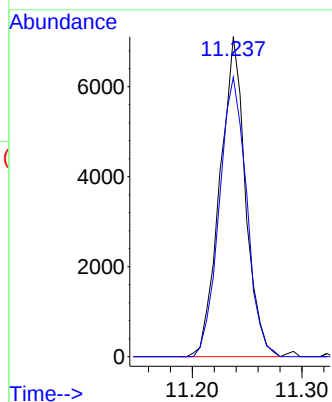
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



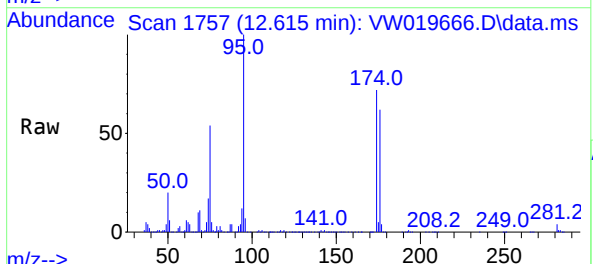
Tgt Ion:107 Resp: 11532
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

Manual Integrations
APPROVED

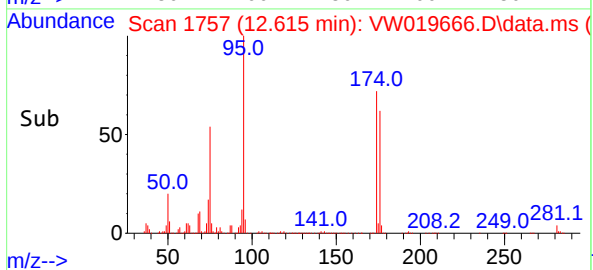
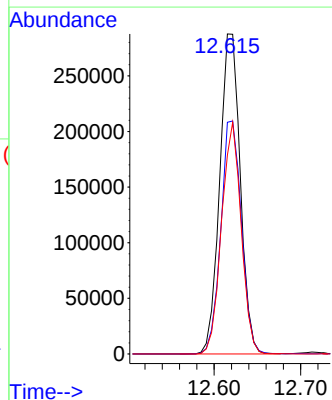
MMDadoda
8/4/2021 7:04:38 PM



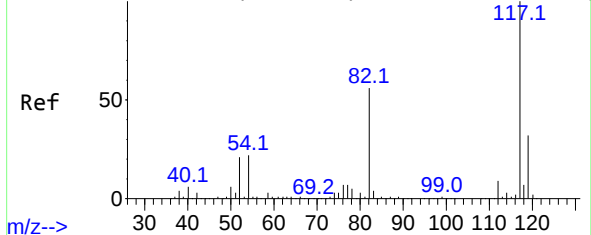
#62
4-Bromofluorobenzene
Concen: 46.508 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



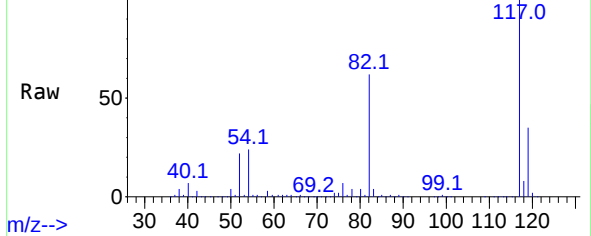
Tgt Ion: 95 Resp: 473833
Ion Ratio Lower Upper
95 100
174 73.2 0.0 146.6
176 68.9 0.0 136.8



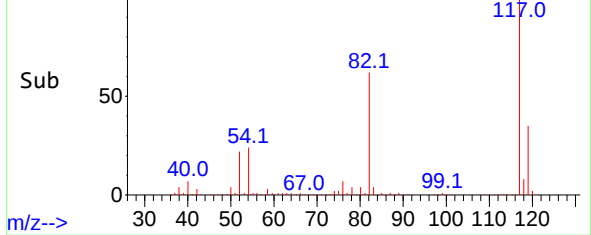
Abundance Scan 1596 (11.634 min): VW019659.D\data.ms (



m/z--> Abundance Scan 1596 (11.634 min): VW019666.D\data.ms



m/z--> Abundance Scan 1596 (11.634 min): VW019666.D\data.ms (



m/z-->

#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VW019666.D

Acq: 03 Aug 2021 18:18

Tgt Ion:117 Resp: 968563

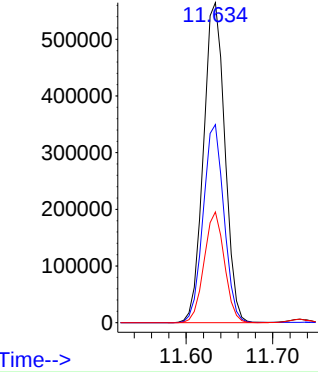
Ion Ratio Lower Upper

117 100

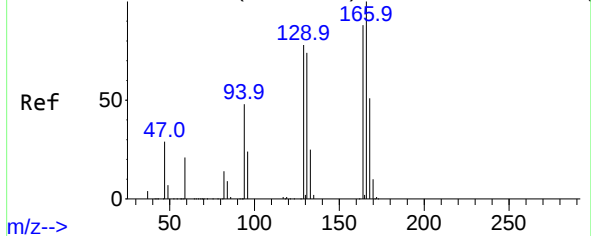
82 61.9 47.4 71.0

119 34.6 26.6 39.8

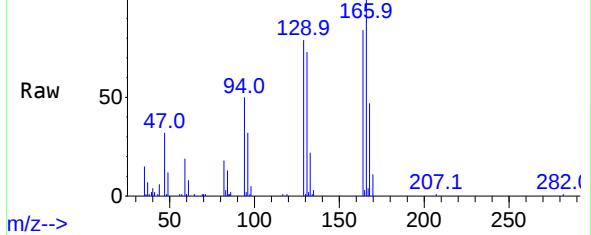
Abundance



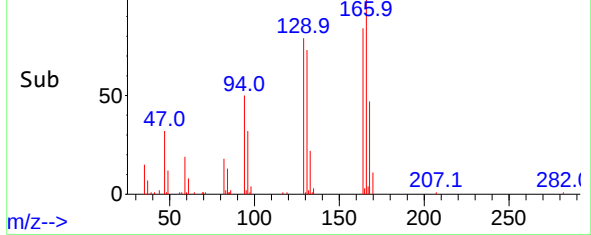
Abundance Scan 1470 (10.866 min): VW019659.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019666.D\data.ms



m/z--> Abundance Scan 1470 (10.866 min): VW019666.D\data.ms (



m/z-->

#64

Tetrachloroethene

Concen: 2.578 ug/l

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW019666.D

Acq: 03 Aug 2021 18:18

Tgt Ion:164 Resp: 15495

Ion Ratio Lower Upper

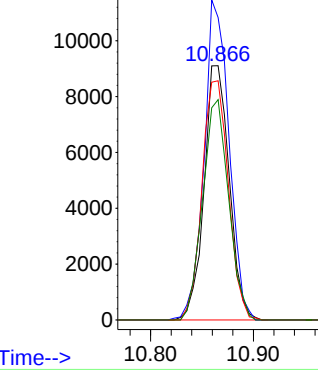
164 100

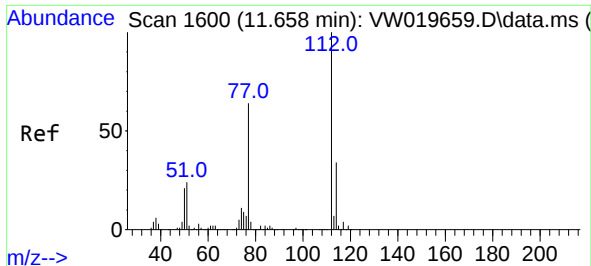
166 118.9 98.5 147.7

129 94.1 76.3 114.5

131 86.6 73.1 109.7

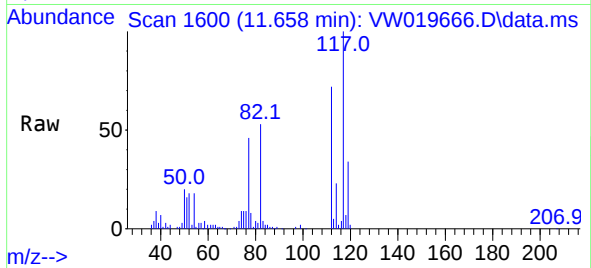
Abundance





#65
Chlorobenzene
Concen: 2.373 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

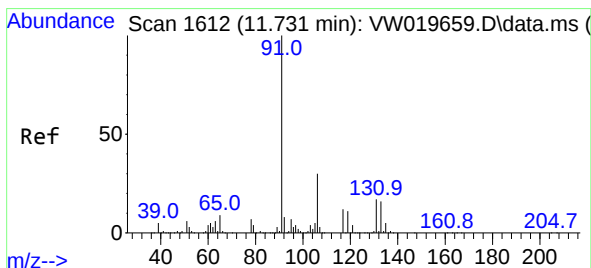
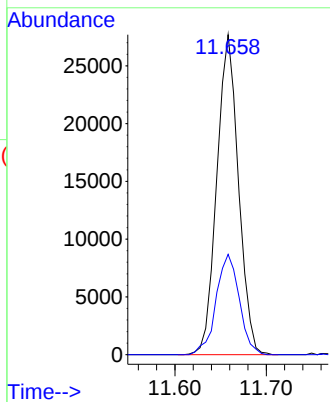
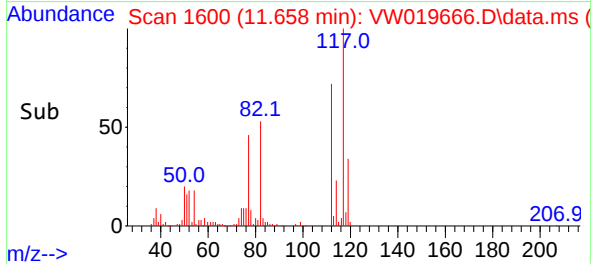
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



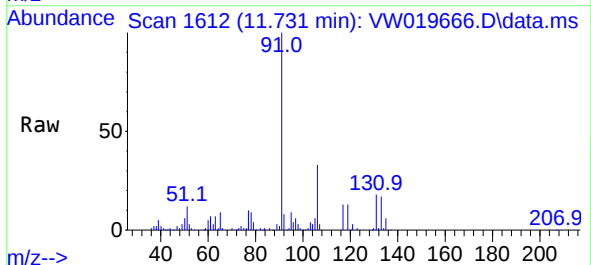
Tgt Ion:112 Resp: 45614
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

Manual Integrations
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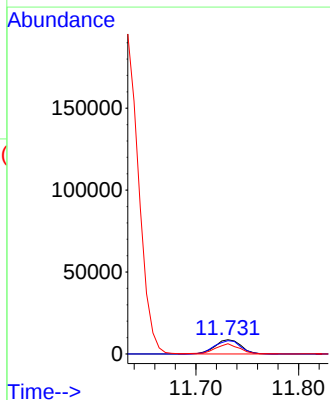
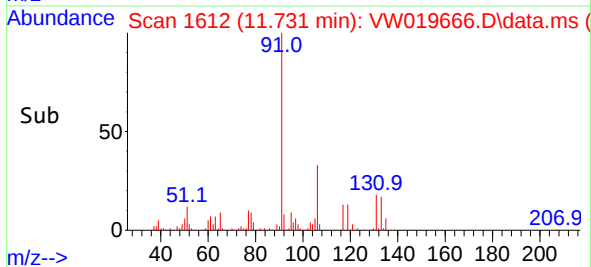
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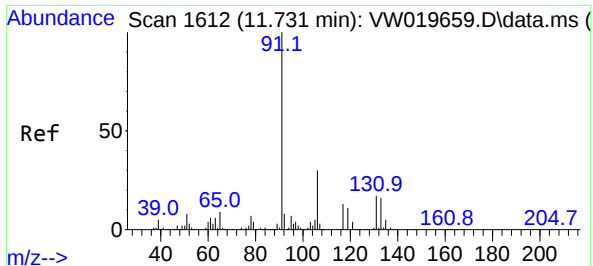


#66
1,1,1,2-Tetrachloroethane
Concen: 2.325 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



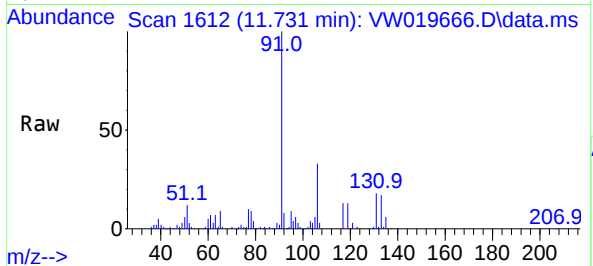
Tgt Ion:131 Resp: 15305
Ion Ratio Lower Upper
131 100
133 94.0 46.8 140.3
119 67.0 32.9 98.6





#67
Ethyl Benzene
Concen: 2.252 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

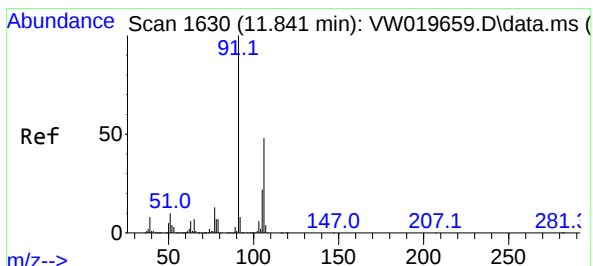
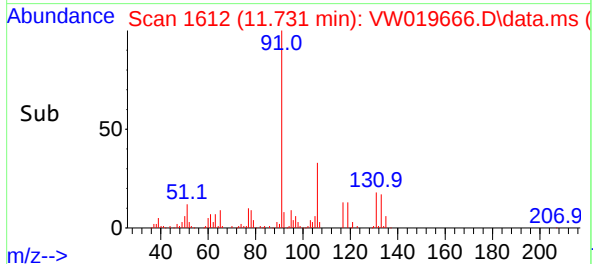
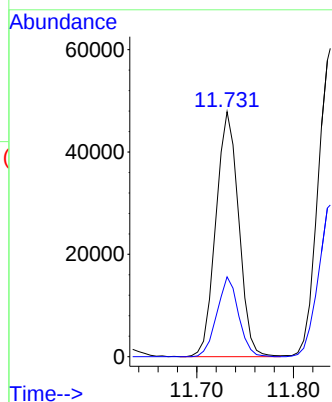
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



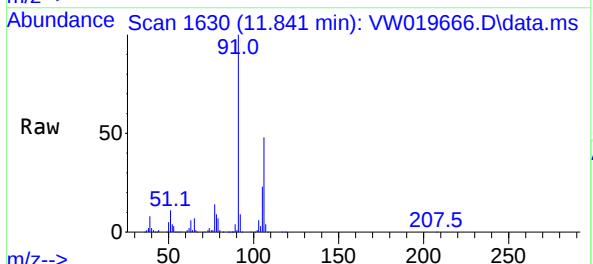
Tgt Ion: 91 Resp: 78491
Ion Ratio Lower Upper
91 100
106 32.6 24.8 37.2

Manual Integrations
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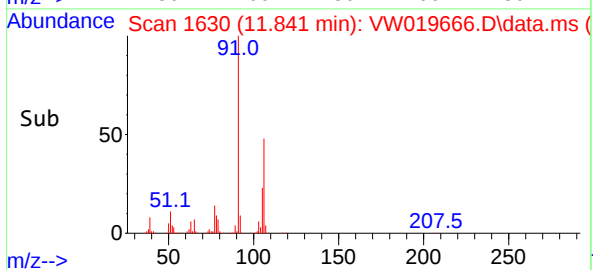
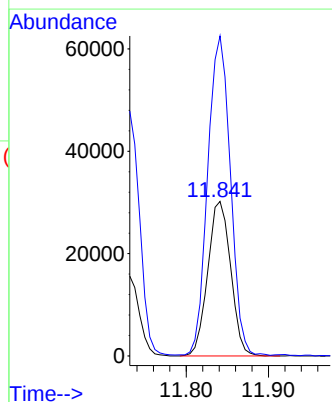
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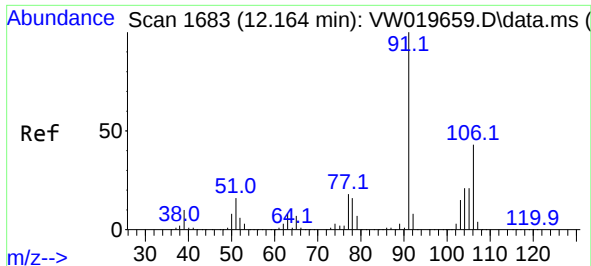


#68
m/p-Xylenes
Concen: 4.395 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 106 Resp: 58501
Ion Ratio Lower Upper
106 100
91 204.6 164.3 246.5





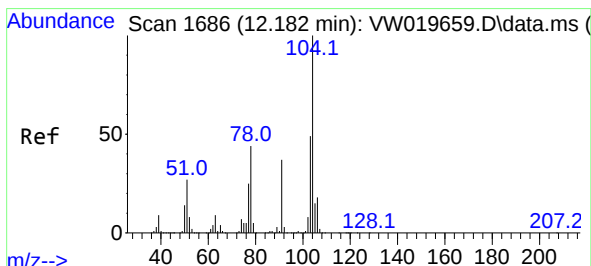
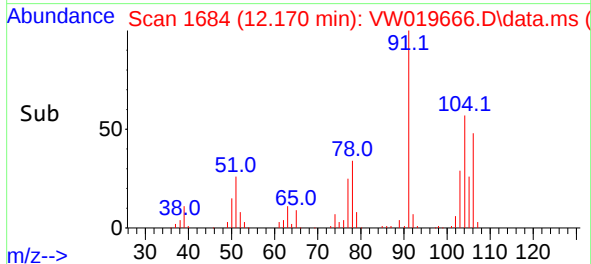
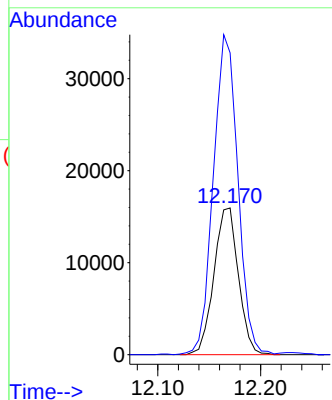
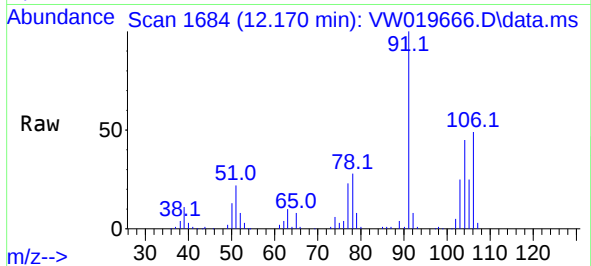
#69
o-Xylene
Concen: 2.137 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:106 Resp: 26361
Ion Ratio Lower Upper
106 100
91 218.7 106.5 319.6

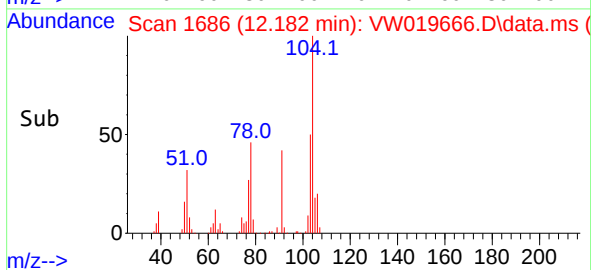
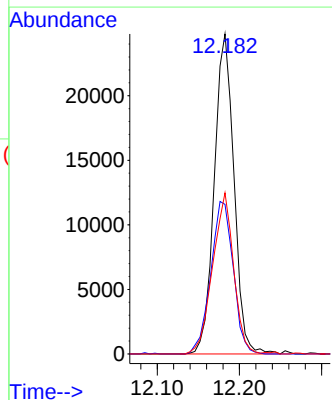
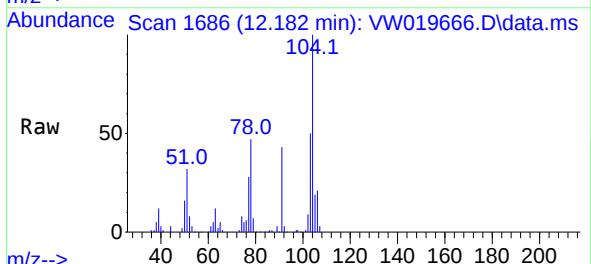
Manual Integrations
APPROVED

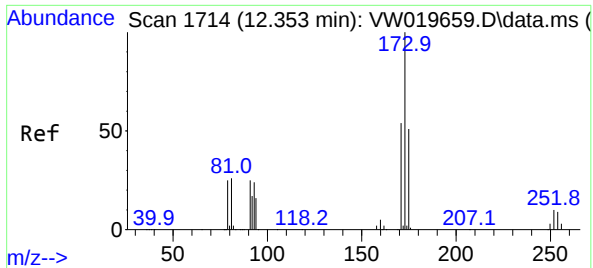
MMDadoda
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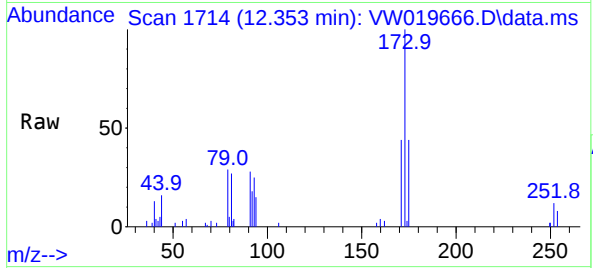
#70
Styrene
Concen: 1.978 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion:104 Resp: 41225
Ion Ratio Lower Upper
104 100
78 54.4 41.4 62.0
103 53.6 43.3 64.9

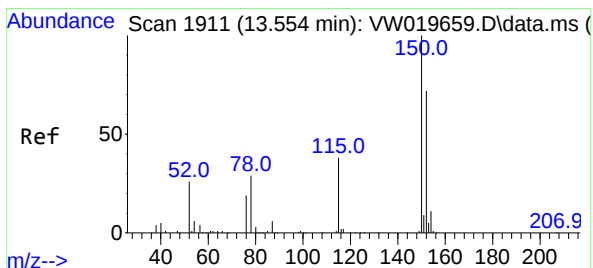
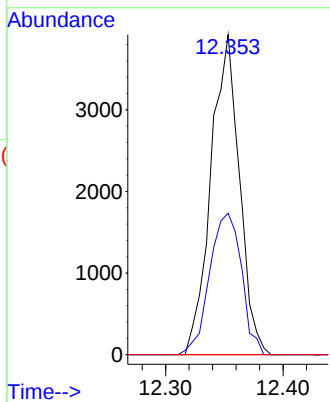
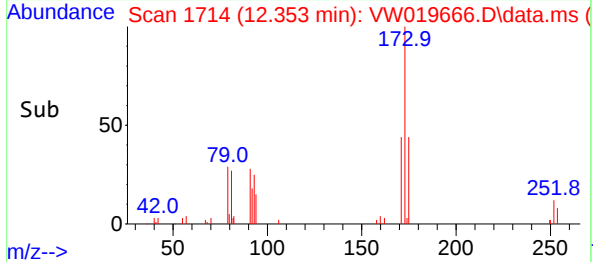




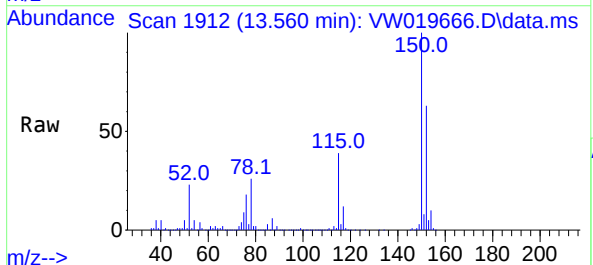
#71
Bromoform
Concen: 2.094 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



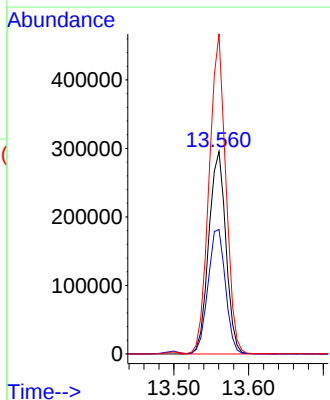
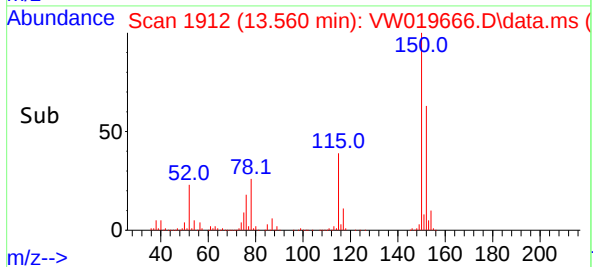
Tgt Ion:173 Resp: 6621
Ion Ratio Lower Upper
173 100
175 49.4 21.9 65.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



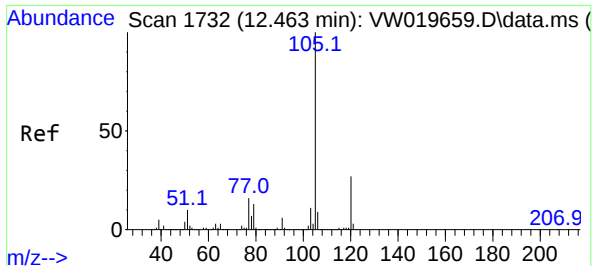
Tgt Ion:152 Resp: 471353
Ion Ratio Lower Upper
152 100
115 63.0 30.6 91.8
150 153.9 0.0 342.4



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

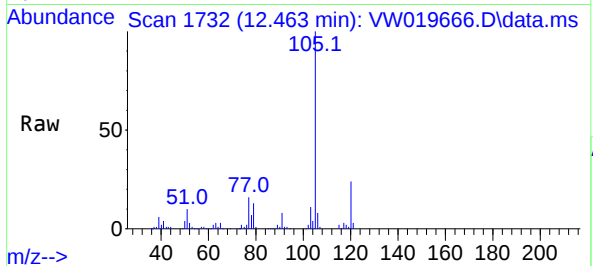
Manual Integrations
APPROVED

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8/4/2021 7:04:38 PM



#73
Isopropylbenzene
Concen: 2.112 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

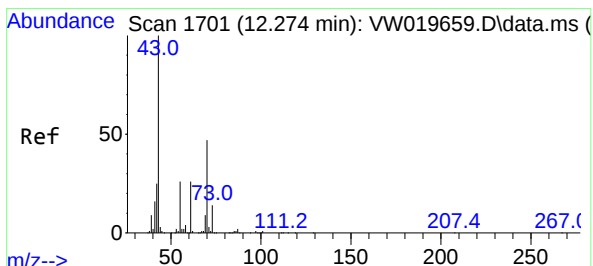
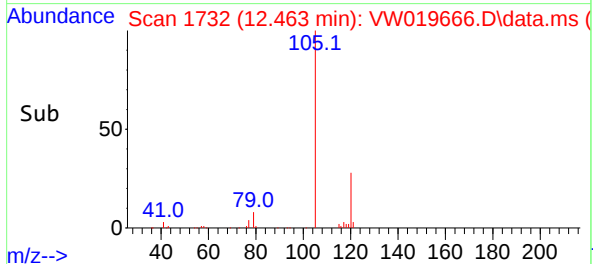
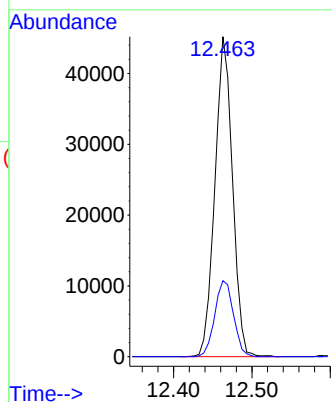
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



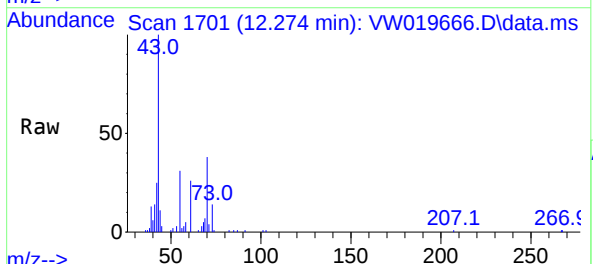
Tgt Ion:105 Resp: 70483
Ion Ratio Lower Upper
105 100
120 25.3 13.0 39.0

Manual Integrations
APPROVED

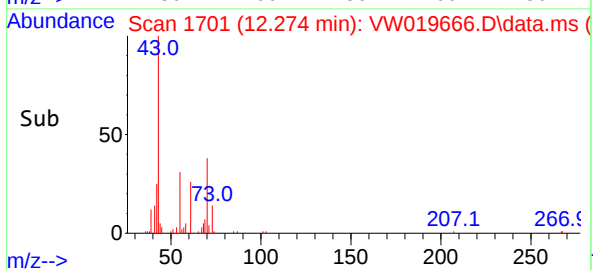
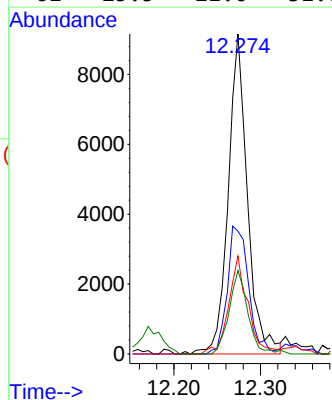
MMDadoda
8/4/2021 7:04:38 PM

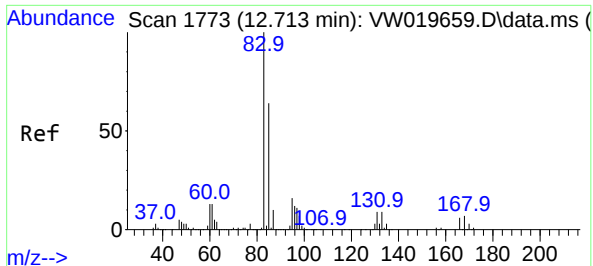


#74
N-ethyl acetate
Concen: 2.017 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



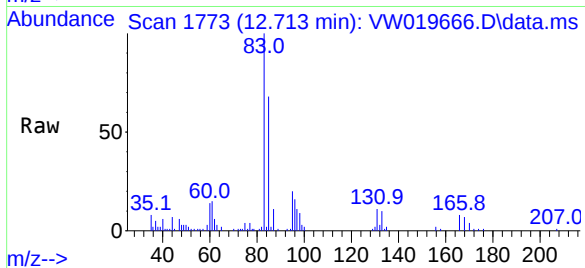
Tgt Ion: 43 Resp: 14158
Ion Ratio Lower Upper
43 100
70 44.0 37.0 55.4
55 30.6 21.3 31.9
61 25.5 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 2.361 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

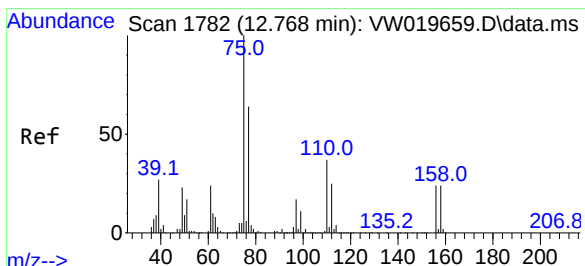
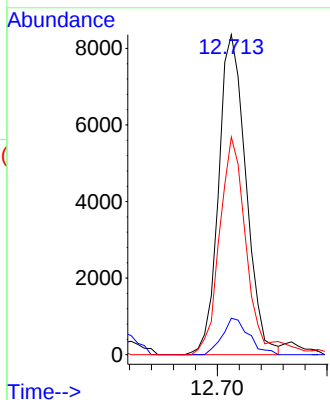
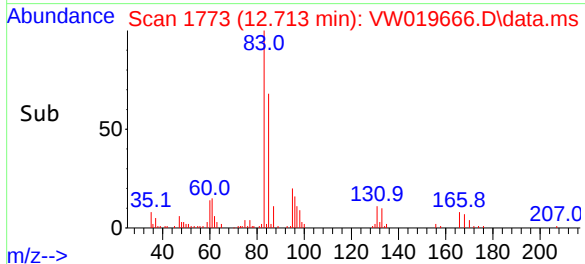
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



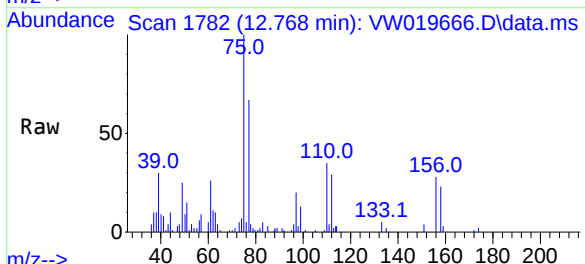
Tgt Ion: 83 Resp: 14472
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 68.1 31.8 95.4

Manual Integrations
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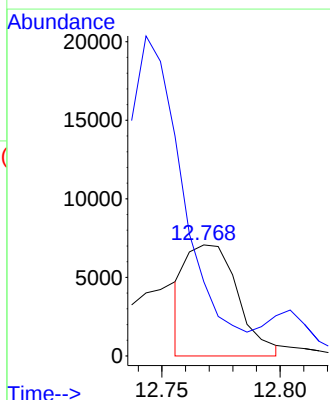
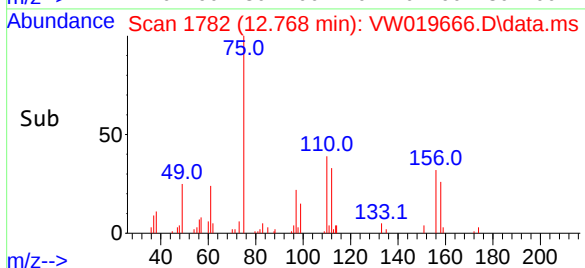
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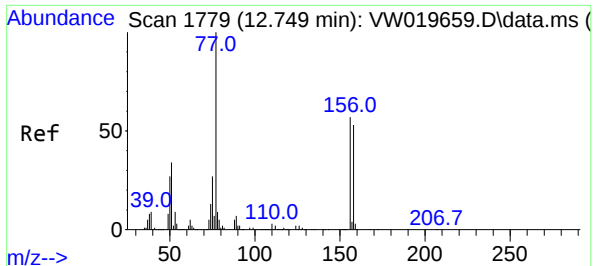


#76
1,2,3-Trichloropropane
Concen: 2.410 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion: 75 Resp: 10813
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





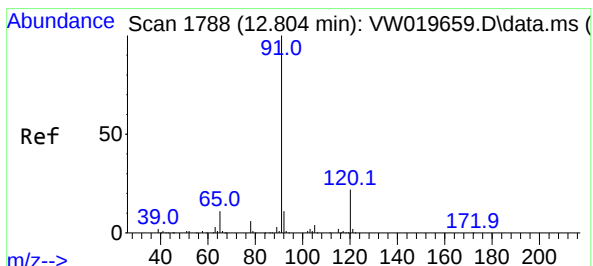
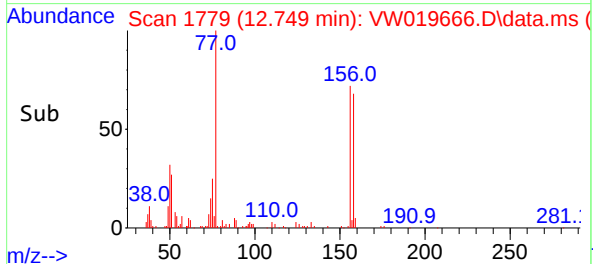
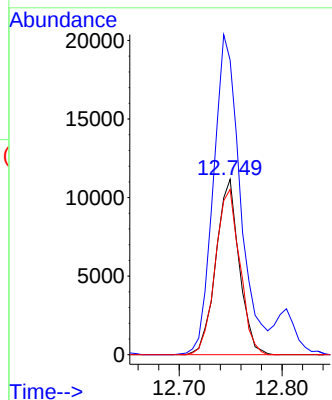
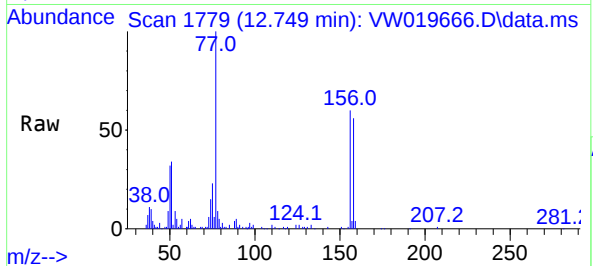
#77
Bromobenzene
Concen: 2.396 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 156 Resp: 17551
Ion Ratio Lower Upper
156 100
77 211.1 102.6 307.9
158 98.8 47.1 141.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

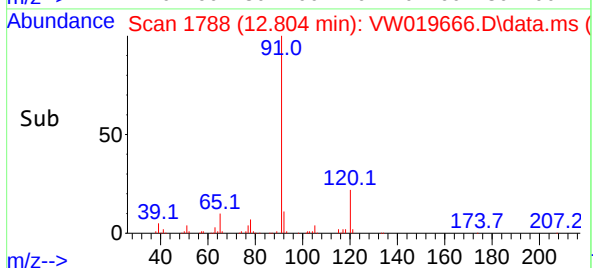
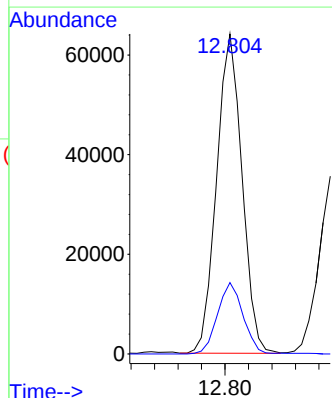
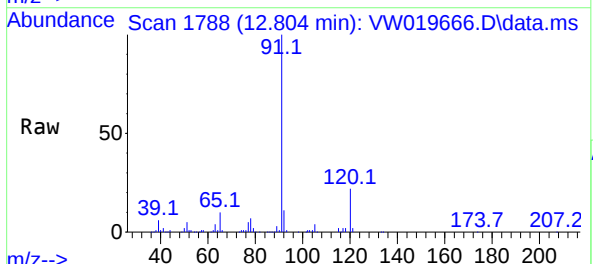
Manual Integrations
APPROVED

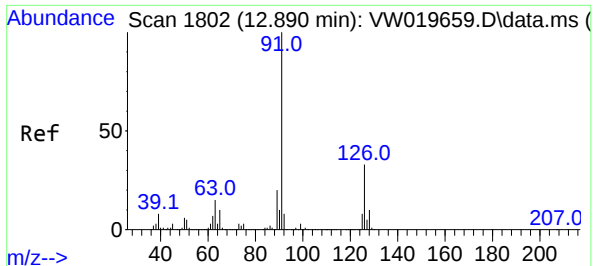
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#78
n-propylbenzene
Concen: 2.346 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

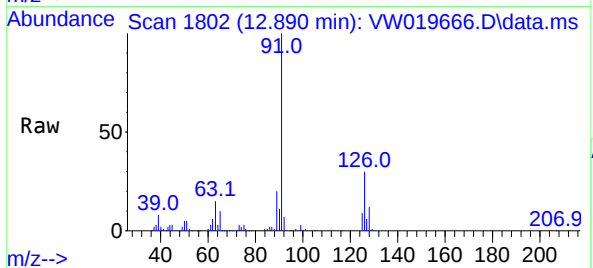
Tgt Ion: 91 Resp: 96251
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.6





#79
2-Chlorotoluene
Concen: 2.348 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

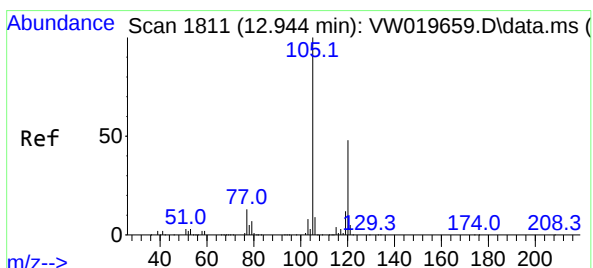
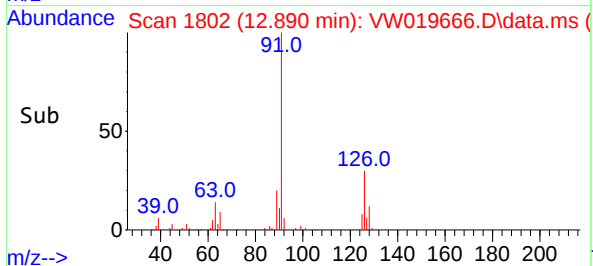
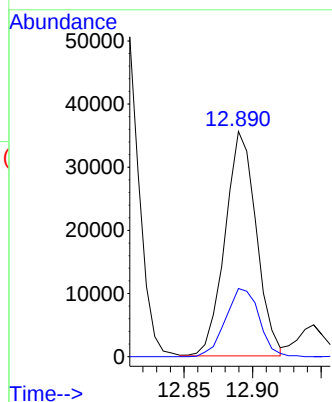
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



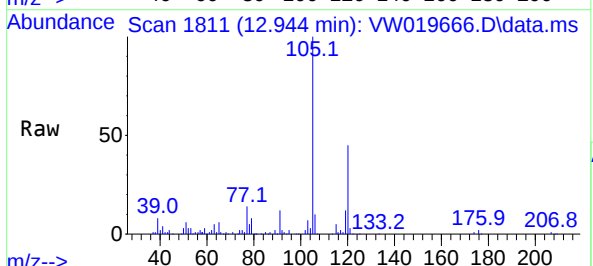
Tgt Ion: 91 Resp: 56478
Ion Ratio Lower Upper
91 100
126 32.6 15.3 45.9

Manual Integrations
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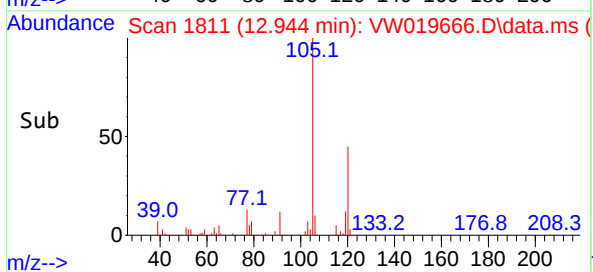
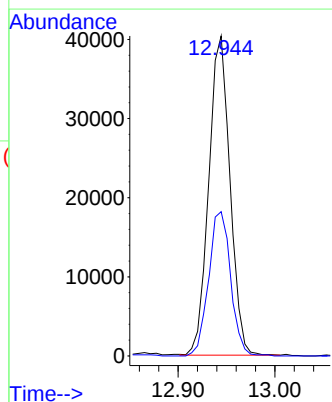
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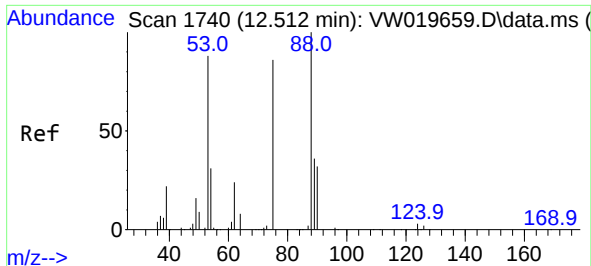


#80
1,3,5-Trimethylbenzene
Concen: 2.164 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



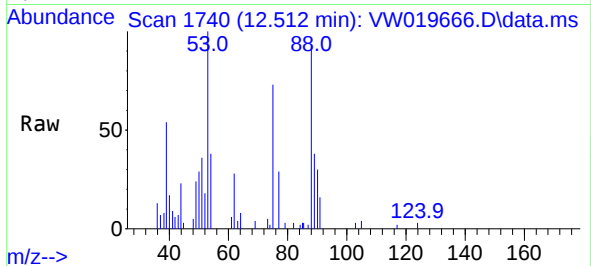
Tgt Ion: 105 Resp: 61567
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 1.836 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

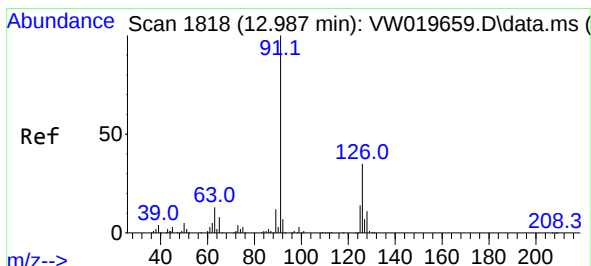
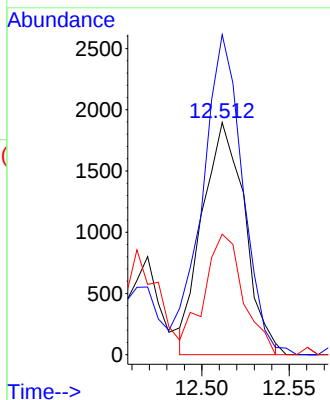
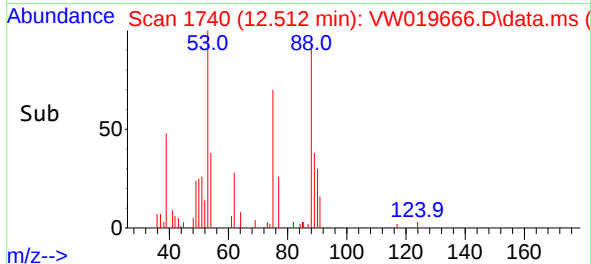
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



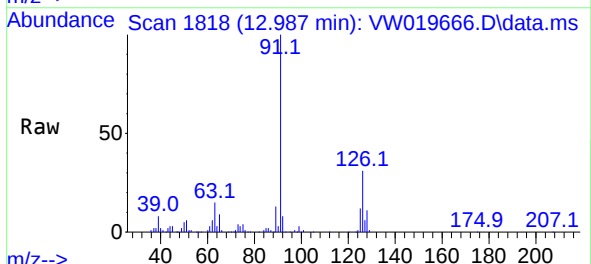
Tgt Ion: 75 Resp: 3203
Ion Ratio Lower Upper
75 100
53 14.5 75.8 113.8#
89 7.6 35.7 53.5#

Manual Integrations
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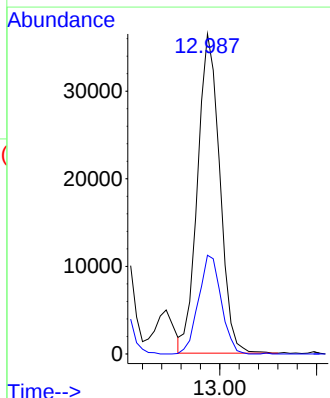
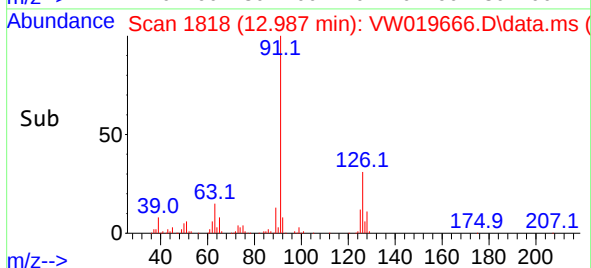
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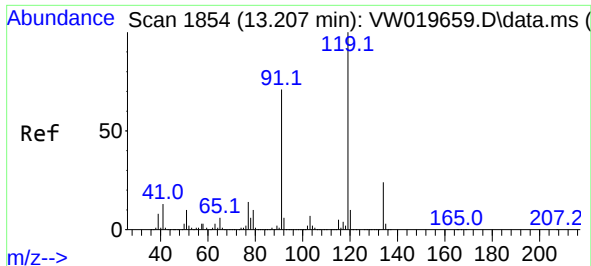


#82
4-Chlorotoluene
Concen: 2.325 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



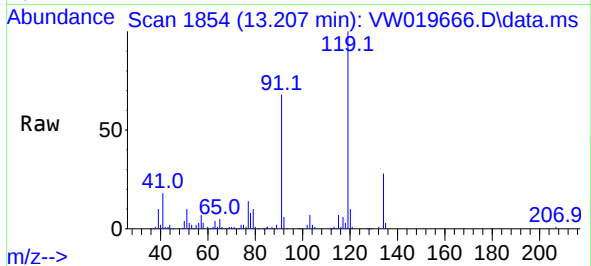
Tgt Ion: 91 Resp: 58171
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1





#83
tert-Butylbenzene
Concen: 2.119 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

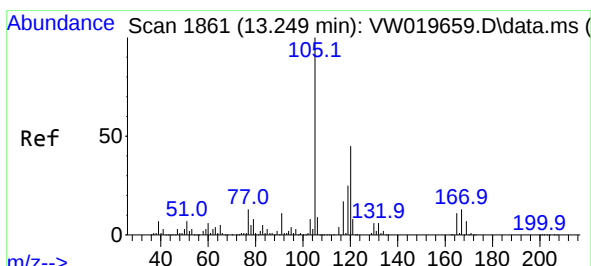
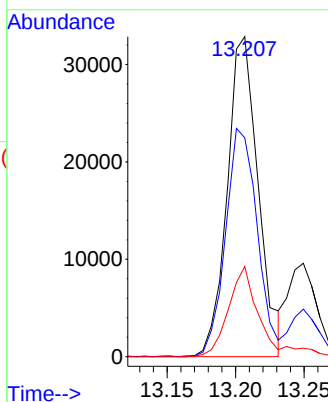
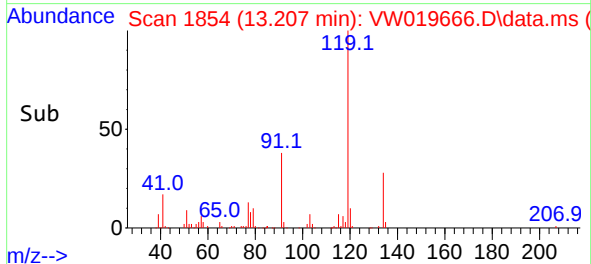
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



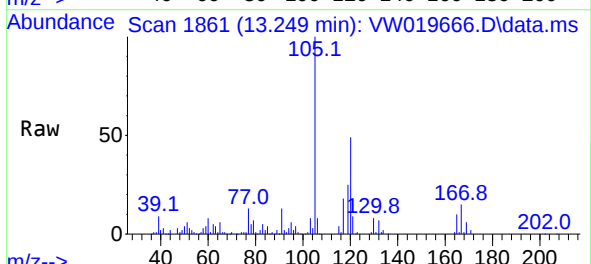
Tgt Ion:119 Resp: 51811
Ion Ratio Lower Upper
119 100
91 72.8 33.7 101.1
134 28.7 12.4 37.0

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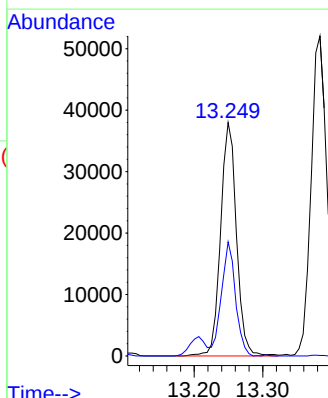
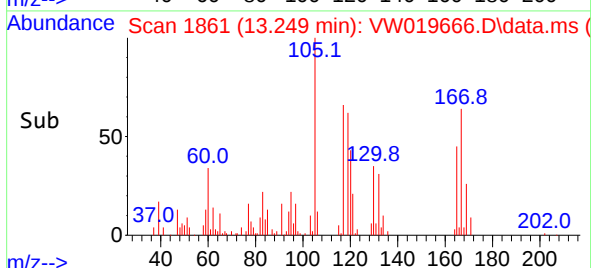
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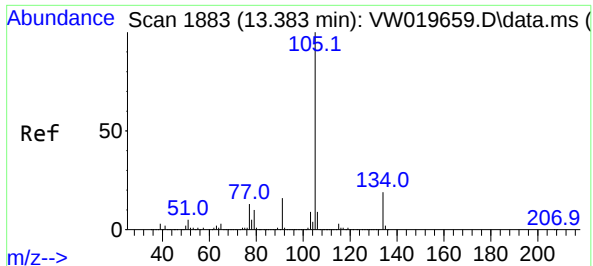


#84
1,2,4-Trimethylbenzene
Concen: 2.148 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



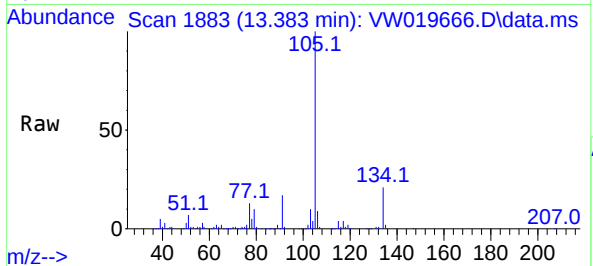
Tgt Ion:105 Resp: 60837
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
sec-Butylbenzene
Concen: 2.244 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

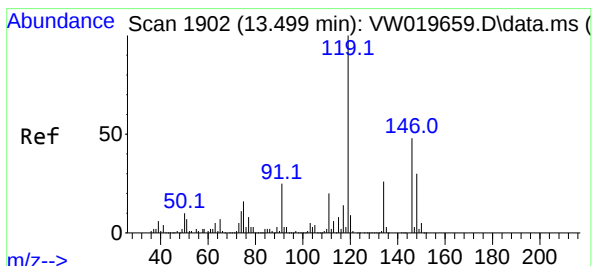
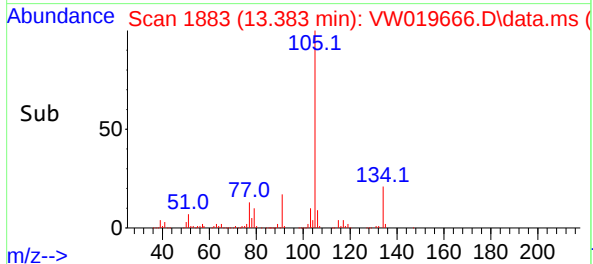
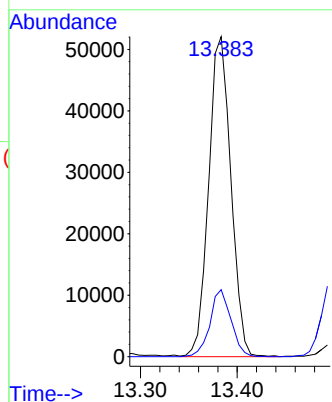
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



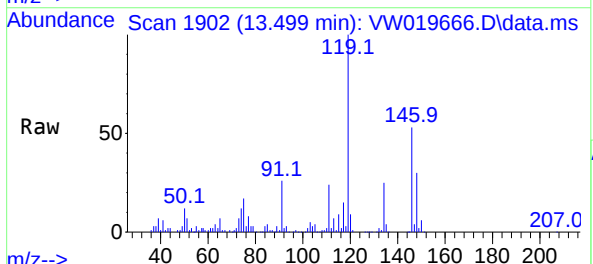
Tgt Ion:105 Resp: 83286
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.4

Manual Integrations
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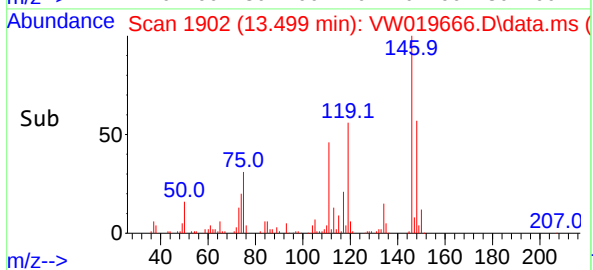
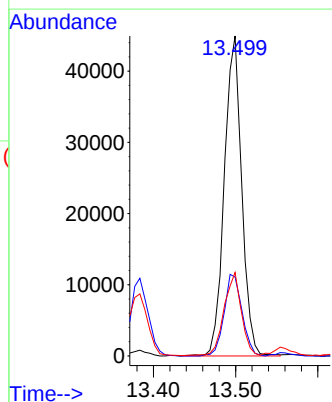
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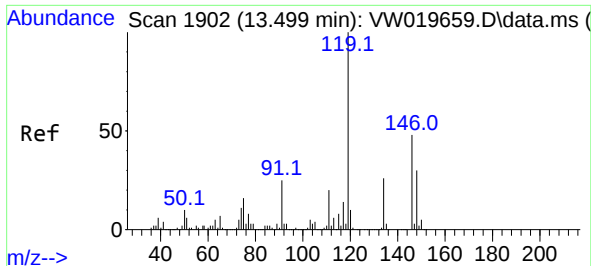


#86
p-Isopropyltoluene
Concen: 2.171 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

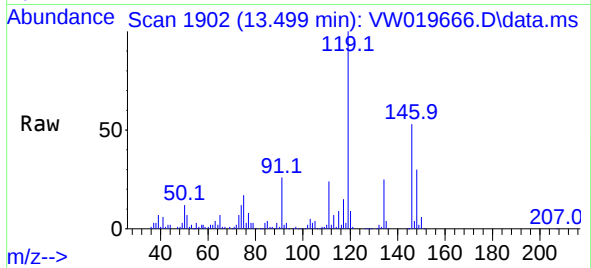


Tgt Ion:119 Resp: 66130
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.1
91 25.7 12.1 36.3

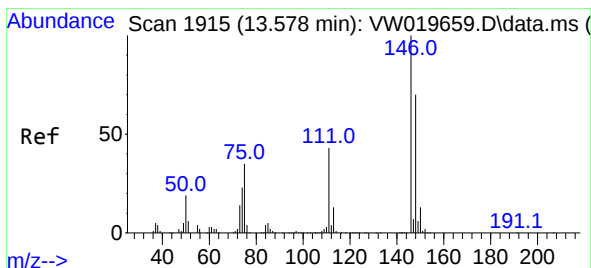
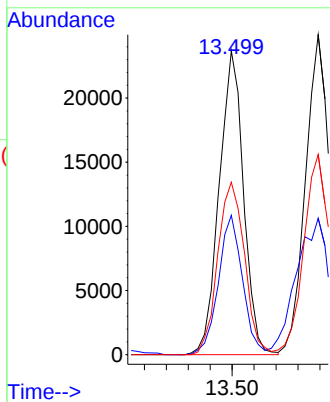
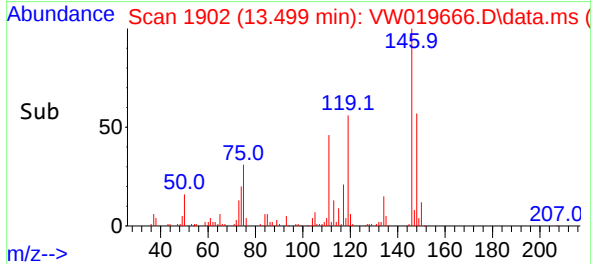




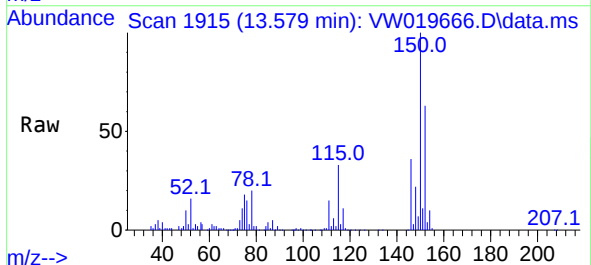
#87
1,3-Dichlorobenzene
Concen: 2.365 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



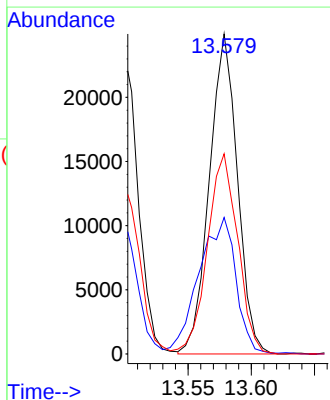
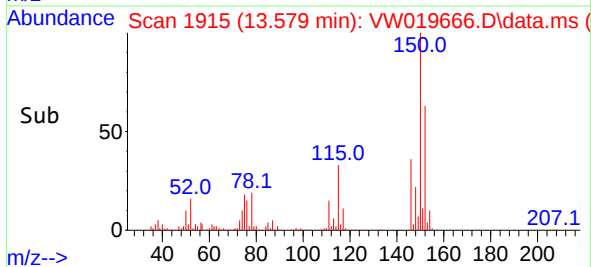
Tgt Ion:146 Resp: 36493
Ion Ratio Lower Upper
146 100
111 45.4 20.8 62.2
148 62.5 31.3 93.9



#88
1,4-Dichlorobenzene
Concen: 2.506 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



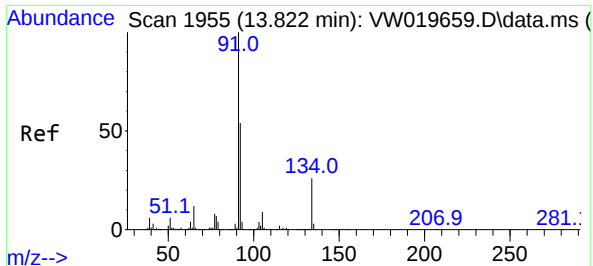
Tgt Ion:146 Resp: 38451
Ion Ratio Lower Upper
146 100
111 56.6 20.6 61.8
148 67.7 32.1 96.5



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

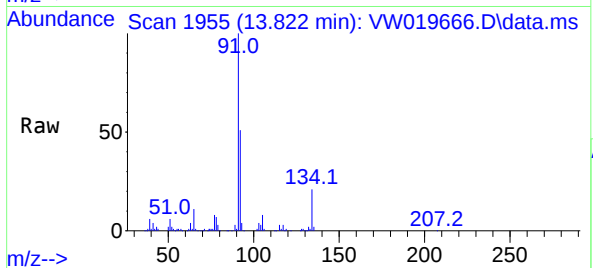
Manual Integrations
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#89
n-Butylbenzene
Concen: 2.323 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

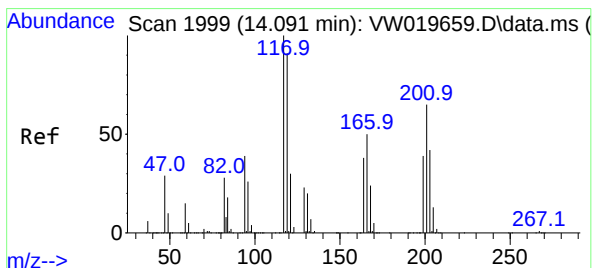
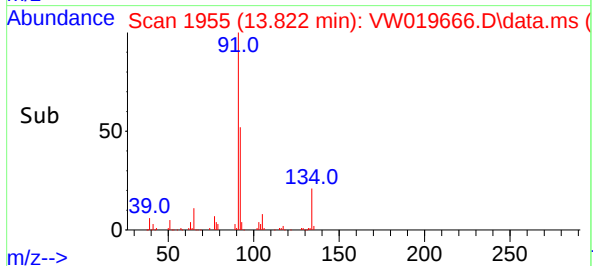
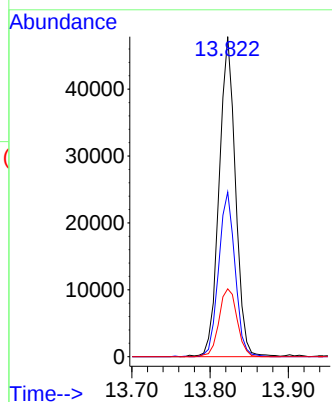
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 91 Resp: 69602
Ion Ratio Lower Upper
91 100
92 51.4 27.7 83.1
134 23.4 12.7 38.1

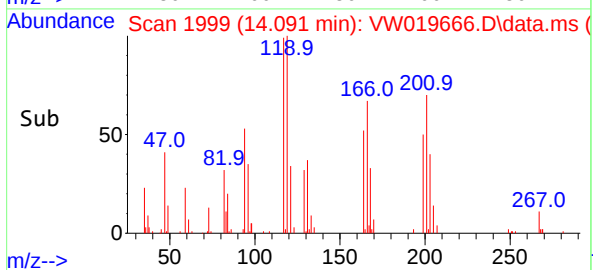
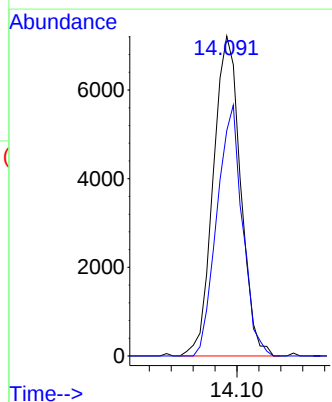
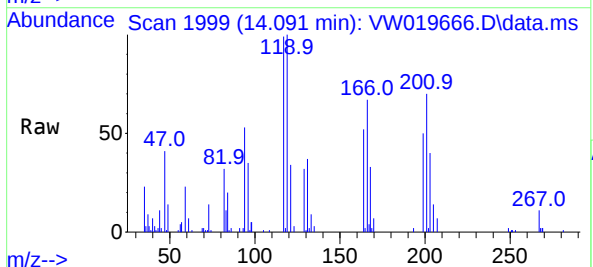
Manual Integrations
APPROVED

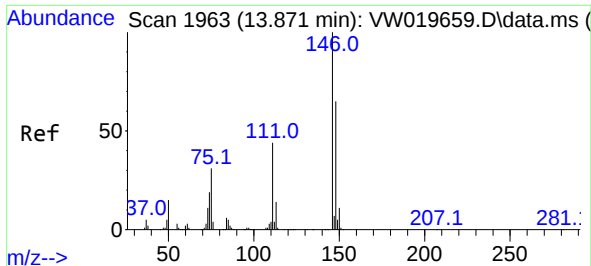
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#90
Hexachloroethane
Concen: 2.248 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 117 Resp: 12494
Ion Ratio Lower Upper
117 100
201 73.3 37.2 111.6





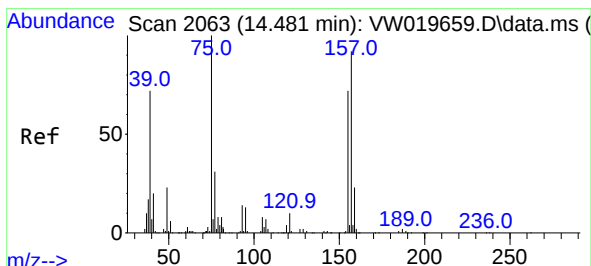
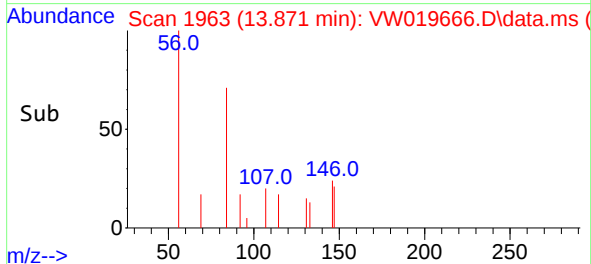
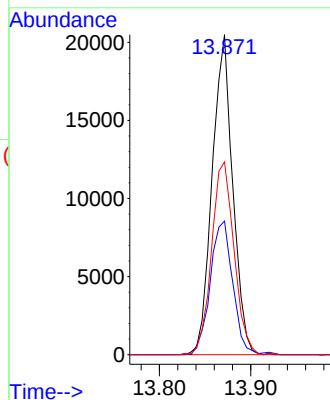
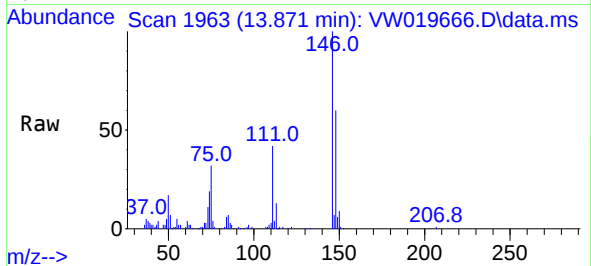
#91
1,2-Dichlorobenzene
Concen: 2.359 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion: 146 Resp: 31972
Ion Ratio Lower Upper
146 100
111 46.0 21.4 64.2
148 65.8 31.9 95.7

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

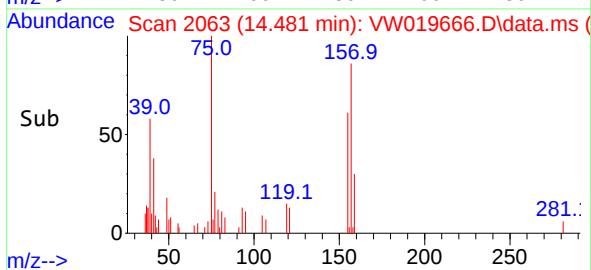
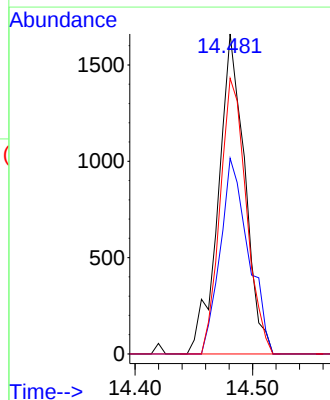
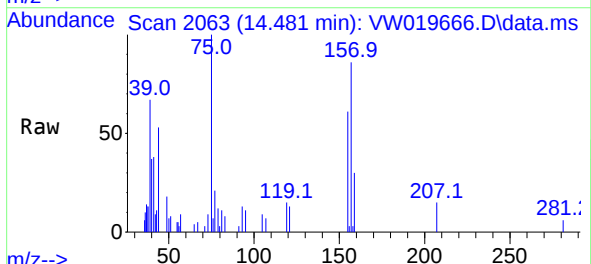
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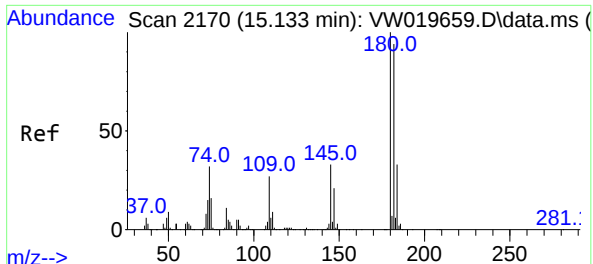
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#92
1,2-Dibromo-3-Chloropropane
Concen: 2.618 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

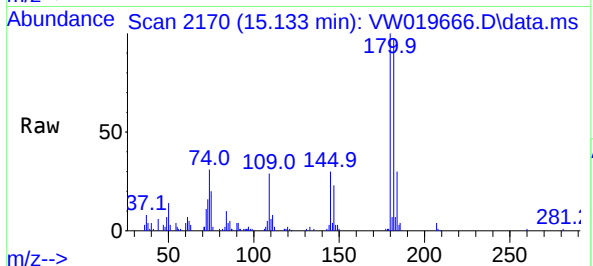
Tgt Ion: 75 Resp: 2614
Ion Ratio Lower Upper
75 100
155 64.8 38.4 115.2
157 84.7 48.9 146.6





#93
1,2,4-Trichlorobenzene
Concen: 2.493 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

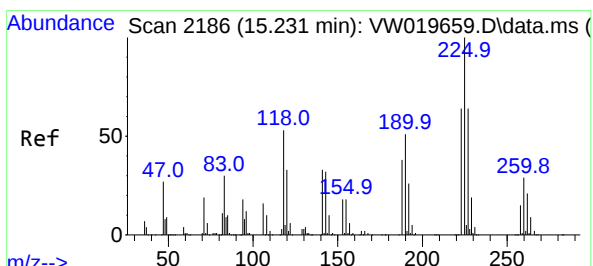
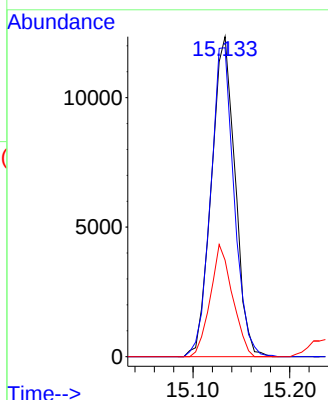
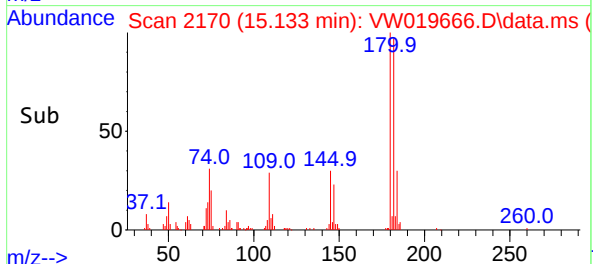
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



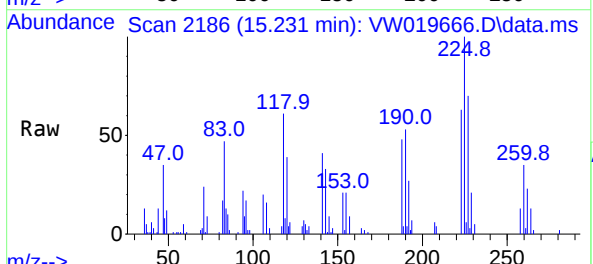
Tgt Ion:180 Resp: 20968
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 32.9 15.4 46.2

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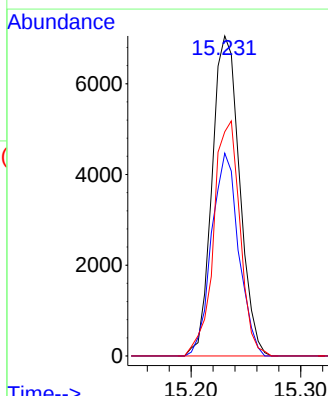
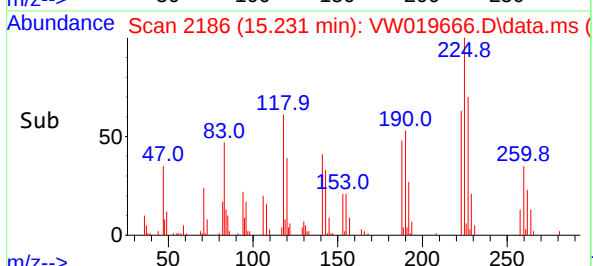
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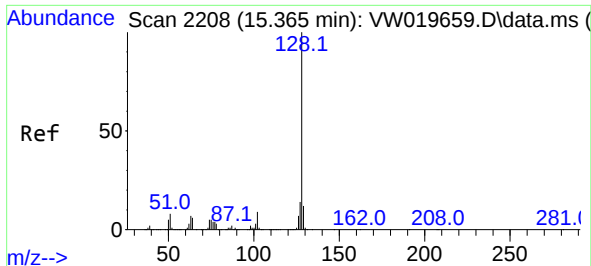


#94
Hexachlorobutadiene
Concen: 2.511 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18



Tgt Ion:225 Resp: 12278
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.0
227 70.4 31.6 94.7





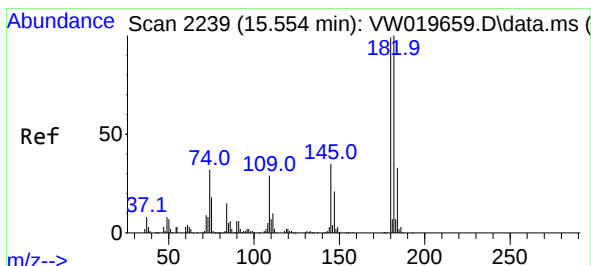
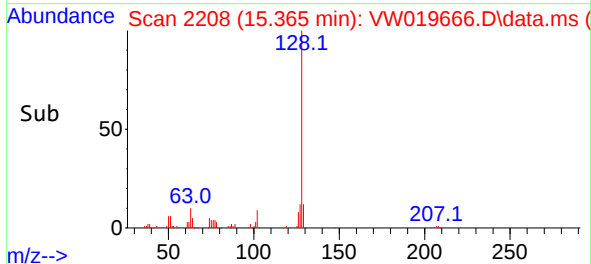
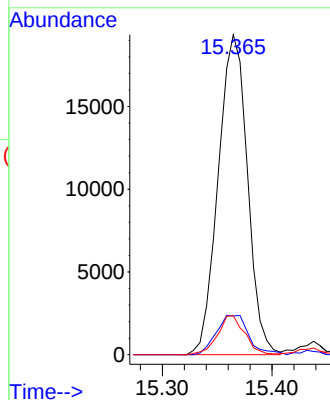
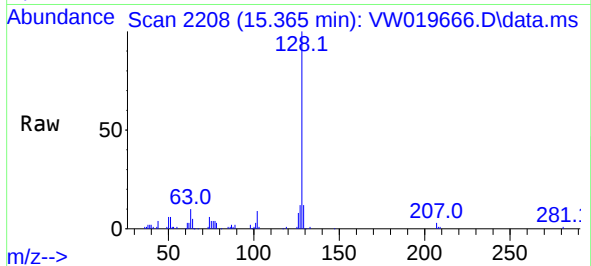
#95
Naphthalene
Concen: 2.289 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion:	128	Resp:	35885
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.2	15.2
129	11.3	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 2.772 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019666.D
Acq: 03 Aug 2021 18:18

Tgt Ion:	180	Resp:	20610
Ion Ratio	Lower	Upper	
180	100		
182	88.9	48.5	145.6
145	32.7	17.4	52.2

