

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019989.D
 Acq On : 07 Sep 2021 18:07
 Operator : SY/VA
 Sample : M2940-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 08 12:35:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:35:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	194108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	318519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	289492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	140844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	107114	47.535	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.060%		
35) Dibromofluoromethane	7.885	113	98319	47.004	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.000%		
50) Toluene-d8	10.323	98	359152	46.190	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.380%		
62) 4-Bromofluorobenzene	12.622	95	125886	43.756	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	2396	2.033	ug/l	91
3) Chloromethane	2.215	50	4995	2.847	ug/l	98
4) Vinyl Chloride	2.367	62	6179	2.172	ug/l	98
5) Bromomethane	2.788	94	5763	2.498	ug/l	90
6) Chloroethane	2.934	64	4399	2.244	ug/l #	86
7) Trichlorofluoromethane	3.270	101	3264	2.005	ug/l	98
8) Diethyl Ether	3.690	74	2377	2.385	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	4917	2.313	ug/l	99
10) Methyl Iodide	4.275	142	6317	2.170	ug/l	98
11) Tert butyl alcohol	5.166	59	2070m	19.192	ug/l	
12) 1,1-Dichloroethene	4.044	96	4455	2.224	ug/l	91
13) Acrolein	3.897	56	940	11.438	ug/l #	62
14) Allyl chloride	4.678	41	5806	2.131	ug/l	96
15) Acrylonitrile	5.379	53	4576	11.016	ug/l	99
16) Acetone	4.135	43	6331	17.492	ug/l	99
17) Carbon Disulfide	4.391	76	13450	2.207	ug/l	96
18) Methyl Acetate	4.684	43	2868	2.791	ug/l #	86
19) Methyl tert-butyl Ether	5.428	73	5614	2.125	ug/l	99
20) Methylene Chloride	4.922	84	17895	6.575	ug/l	89
21) trans-1,2-Dichloroethene	5.434	96	4964	2.182	ug/l #	94
22) Diisopropyl ether	6.318	45	10535	1.825	ug/l	93
23) Vinyl Acetate	6.263	43	28665	9.103	ug/l	98
24) 1,1-Dichloroethane	6.220	63	9168	2.243	ug/l	94
25) 2-Butanone	7.177	43	6050	11.659	ug/l #	81
26) 2,2-Dichloropropane	7.171	77	6160	2.492	ug/l	94
27) cis-1,2-Dichloroethene	7.171	96	5448	2.243	ug/l	93
28) Bromochloromethane	7.519	49	3577	2.205	ug/l #	99
29) Tetrahydrofuran	7.549	42	3319	10.281	ug/l	98
30) Chloroform	7.683	83	9663	2.244	ug/l	97
31) Cyclohexane	7.958	56	11757	3.201	ug/l #	62
32) 1,1,1-Trichloroethane	7.878	97	7808	2.240	ug/l	97
36) 1,1-Dichloropropene	8.086	75	7283	2.174	ug/l	98
37) Ethyl Acetate	7.257	43	2708	2.198	ug/l #	93
38) Carbon Tetrachloride	8.067	117	6956	2.036	ug/l	99
39) Methylcyclohexane	9.336	83	7978	2.054	ug/l	97
40) Benzene	8.330	78	20193	2.188	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.513	41	1683m	2.468	ug/l	
42) 1,2-Dichloroethane	8.403	62	6530	2.304	ug/l	96
43) Isopropyl Acetate	8.427	43	4758	2.035	ug/l	99
44) Trichloroethene	9.098	130	5499	2.271	ug/l	97
45) 1,2-Dichloropropane	9.366	63	4758	2.120	ug/l	98
46) Dibromomethane	9.464	93	2743	2.167	ug/l	99
47) Bromodichloromethane	9.646	83	6594	2.090	ug/l	92
48) Methyl methacrylate	9.439	41	2091	2.044	ug/l	93
49) 1,4-Dioxane	9.445	88	572	35.372	ug/l #	86
51) 4-Methyl-2-Pentanone	10.213	43	12181	10.048	ug/l	97
52) Toluene	10.390	92	13173	2.254	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	5741	1.897	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	6591	1.871	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	3916	2.282	ug/l	90
56) Ethyl methacrylate	10.646	69	3647	1.900	ug/l	95
57) 1,3-Dichloropropane	10.933	76	6149	2.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	8557	9.766	ug/l	98
59) 2-Hexanone	10.969	43	7675	9.473	ug/l	95
60) Dibromochloromethane	11.128	129	3979	2.003	ug/l	99
61) 1,2-Dibromoethane	11.238	107	3442	2.142	ug/l	97
64) Tetrachloroethene	10.866	164	4434	2.207	ug/l	89
65) Chlorobenzene	11.658	112	14118	2.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	4497	2.028	ug/l	96
67) Ethyl Benzene	11.731	91	22280	2.030	ug/l	98
68) m/p-Xylenes	11.841	106	17076	3.942	ug/l	92
69) o-Xylene	12.164	106	7407	1.866	ug/l	98
70) Styrene	12.183	104	11041	1.641	ug/l	94
71) Bromoform	12.347	173	2200	2.015	ug/l #	98
73) Isopropylbenzene	12.463	105	18947	1.901	ug/l	98
74) N-amyl acetate	12.274	43	3667	1.793	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	4300	2.350	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	3068m	2.345	ug/l	
77) Bromobenzene	12.750	156	5185	2.243	ug/l	97
78) n-propylbenzene	12.804	91	26913	2.145	ug/l	100
79) 2-Chlorotoluene	12.890	91	16019	2.193	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	16682	1.899	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.512	75	998m	1.847	ug/l	
82) 4-Chlorotoluene	12.993	91	16436	2.140	ug/l	98
83) tert-Butylbenzene	13.207	119	14286	1.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	16404	1.907	ug/l	100
85) sec-Butylbenzene	13.384	105	22170	1.985	ug/l	99
86) p-Isopropyltoluene	13.499	119	17080	1.816	ug/l	95
87) 1,3-Dichlorobenzene	13.499	146	10869	2.217	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	12097	2.487	ug/l	93
89) n-Butylbenzene	13.823	91	17933	1.990	ug/l	96
90) Hexachloroethane	14.097	117	3961	2.204	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	9747	2.289	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	654	2.178	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	6327	2.437	ug/l	96
94) Hexachlorobutadiene	15.231	225	3602	2.336	ug/l	93
95) Naphthalene	15.365	128	9080	2.022	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.554	180	5429	2.386	ug/l	96

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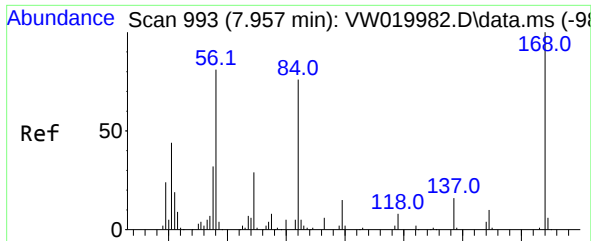
Manual Integrations
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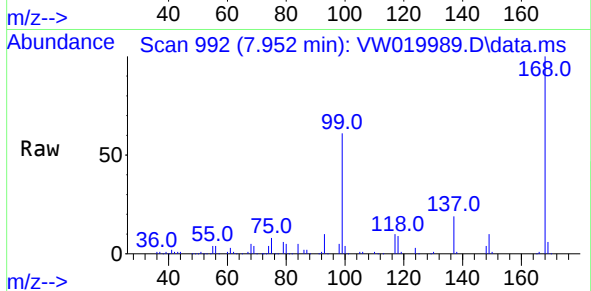
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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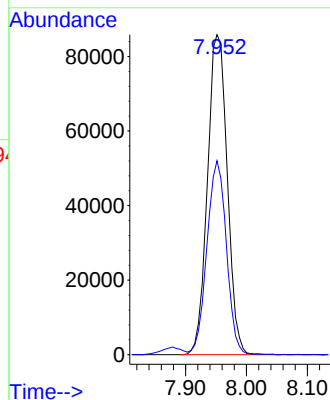
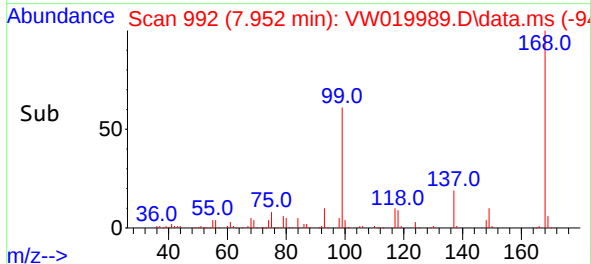
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.005 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



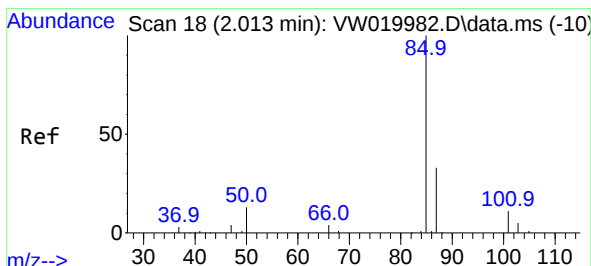
Tgt Ion:168 Resp: 194108
Ion Ratio Lower Upper
168 100
99 60.6 42.9 64.3



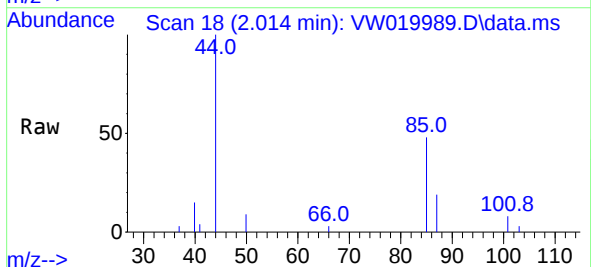
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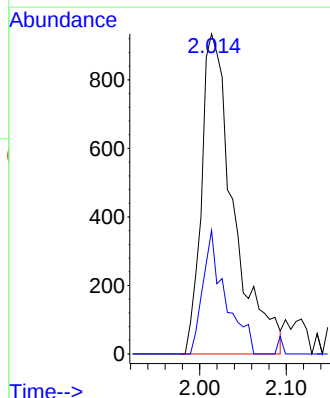
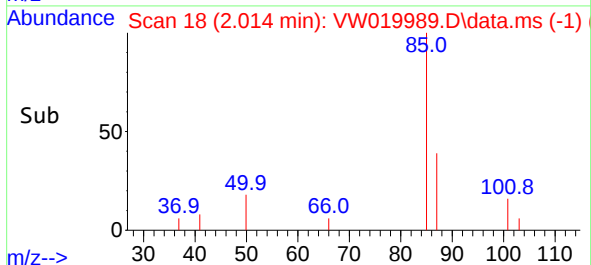
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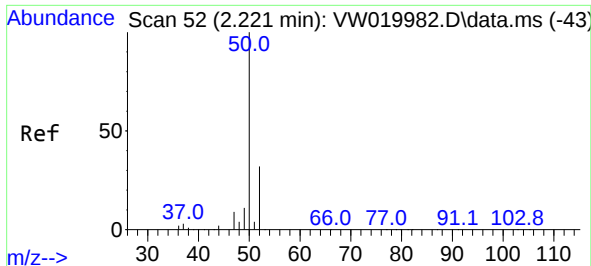


#2
Dichlorodifluoromethane
Concen: 2.033 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



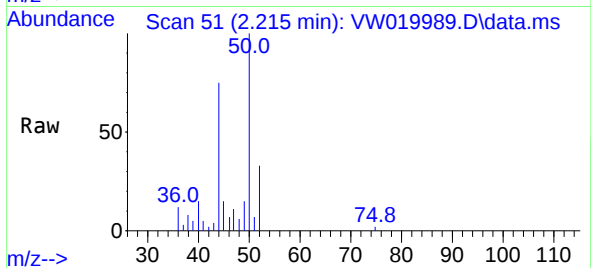
Tgt Ion: 85 Resp: 2396
Ion Ratio Lower Upper
85 100
87 38.7 16.7 50.0



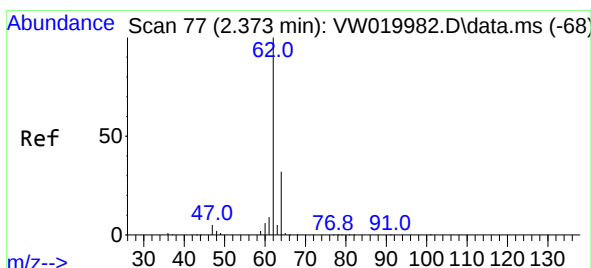
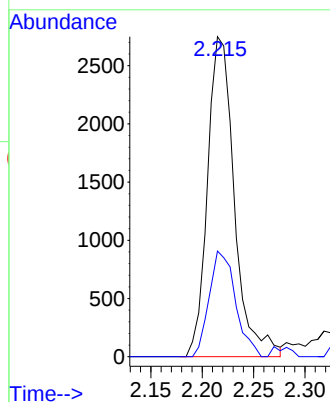
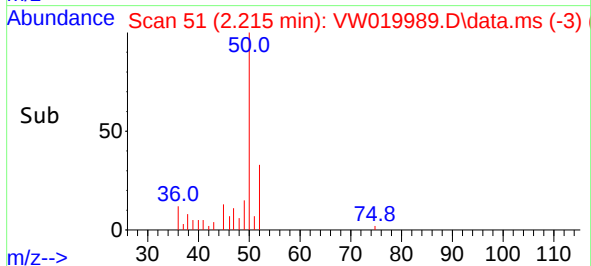


#3
Chloromethane
Concen: 2.847 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

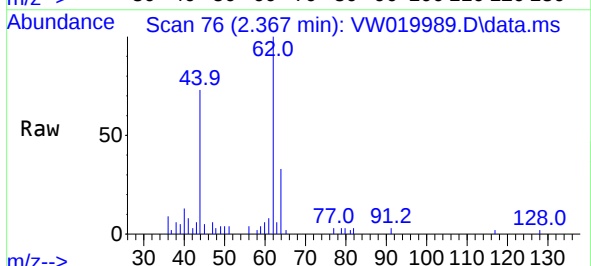
Instrument :
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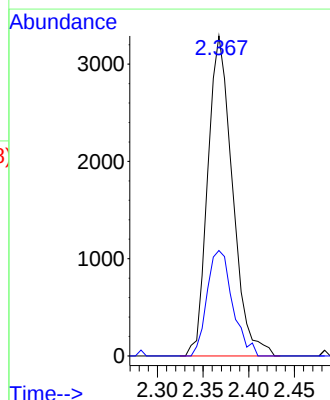
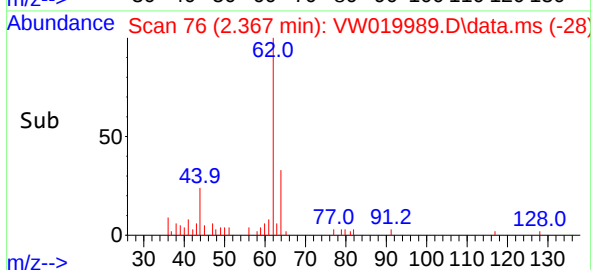
Tgt Ion: 50 Resp: 4995
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

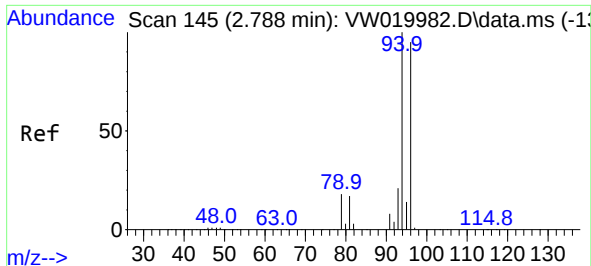


#4
Vinyl Chloride
Concen: 2.172 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



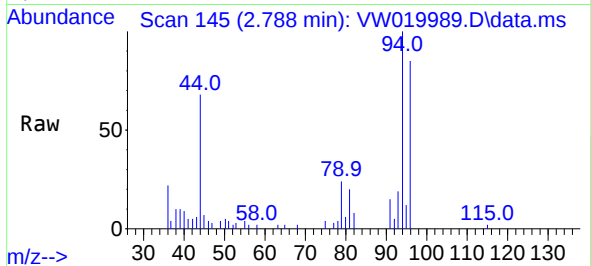
Tgt Ion: 62 Resp: 6179
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9





#5
Bromomethane
Concen: 2.498 ug/l
RT: 2.788 min Scan# 145
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

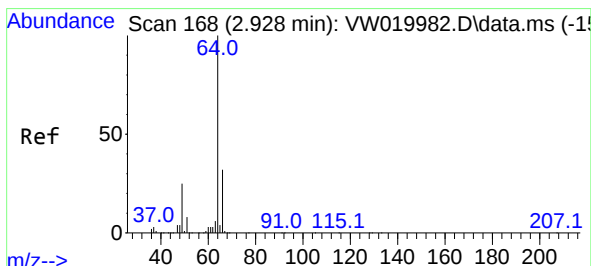
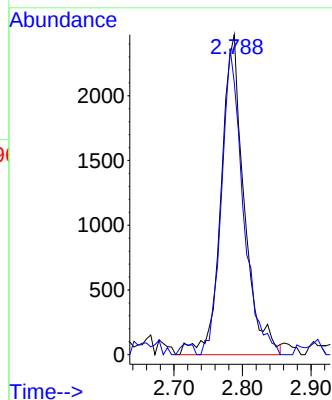
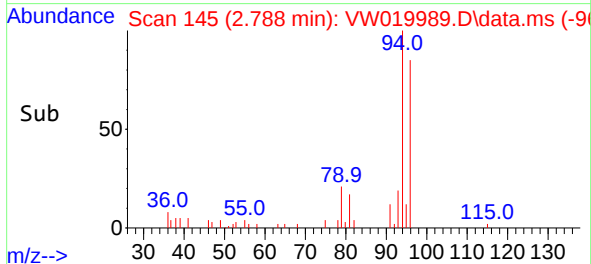
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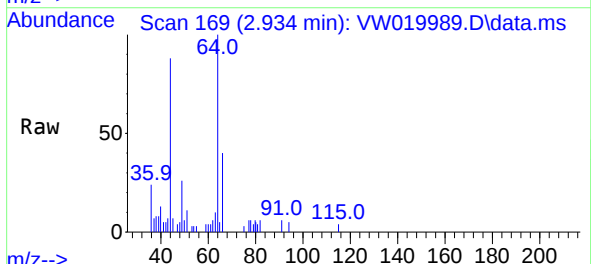
Tgt Ion: 94 Resp: 5763
Ion Ratio Lower Upper
94 100
96 85.0 75.7 113.5

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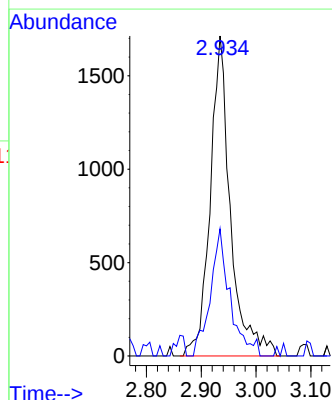
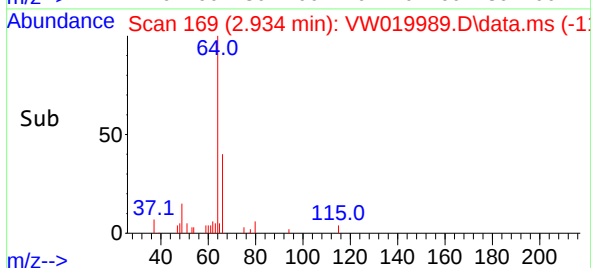
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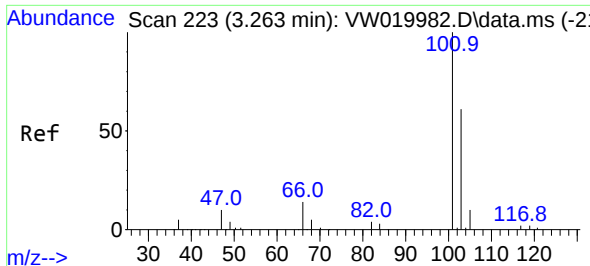


#6
Chloroethane
Concen: 2.244 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 64 Resp: 4399
Ion Ratio Lower Upper
64 100
66 39.8 25.4 38.2#





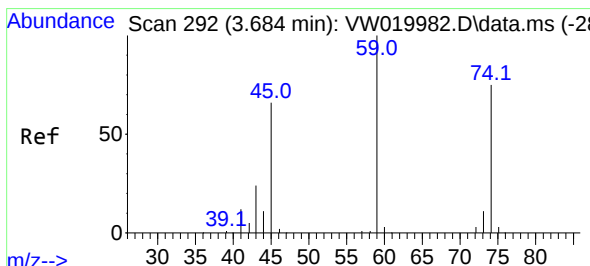
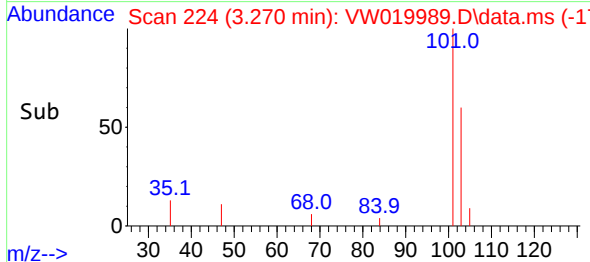
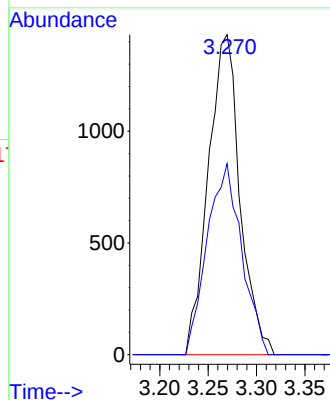
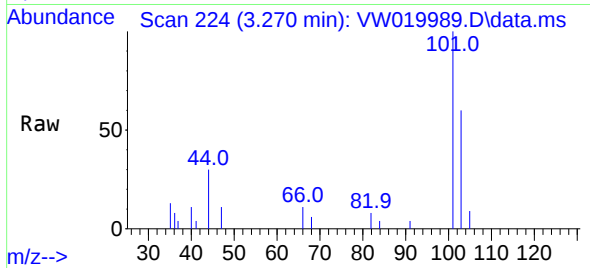
#7
Trichlorofluoromethane
Concen: 2.005 ug/l
RT: 3.270 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:101 Resp: 3264
Ion Ratio Lower Upper
101 100
103 59.6 48.8 73.2

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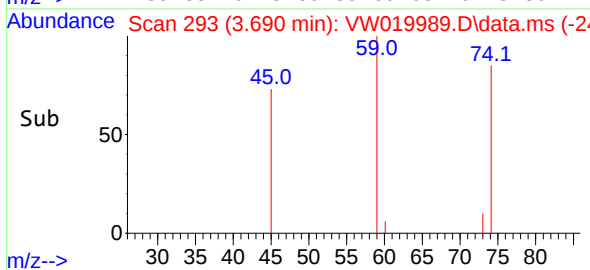
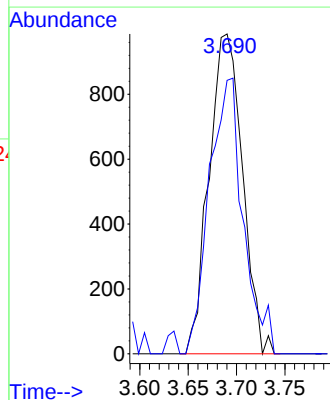
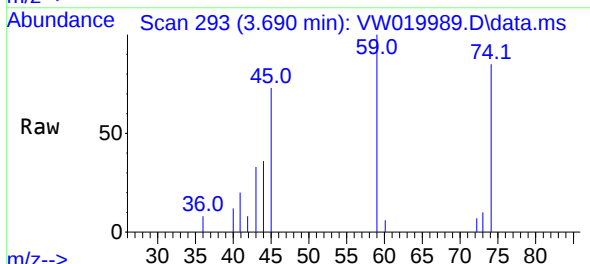
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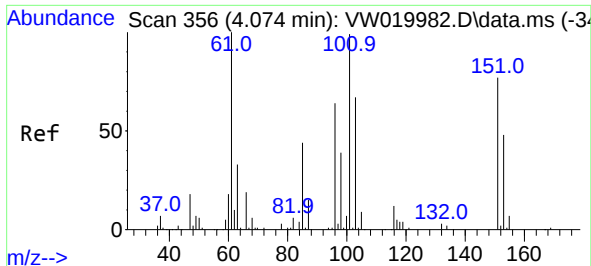
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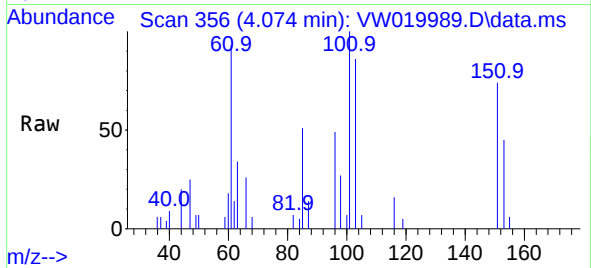
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Diethyl Ether
Concen: 2.385 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 2377
Ion Ratio Lower Upper
74 100
45 86.8 44.5 133.7

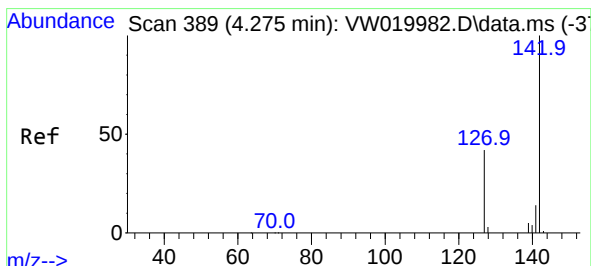
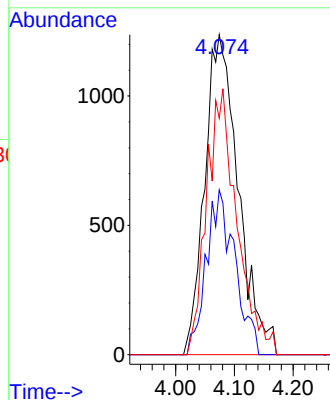
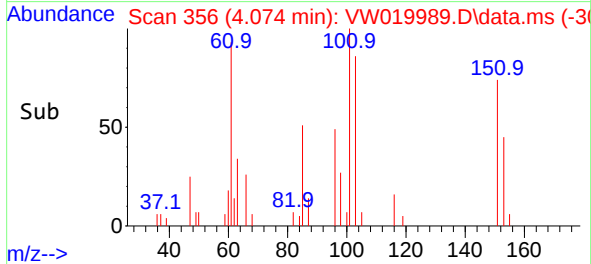




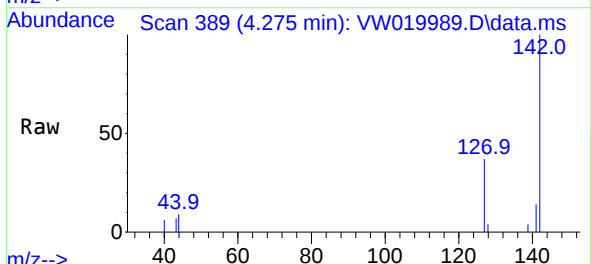
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.313 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



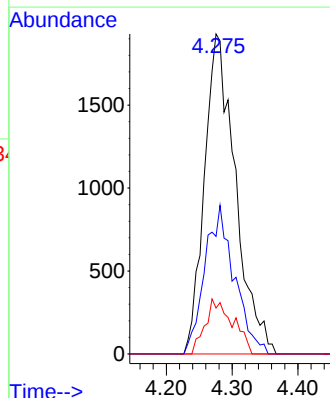
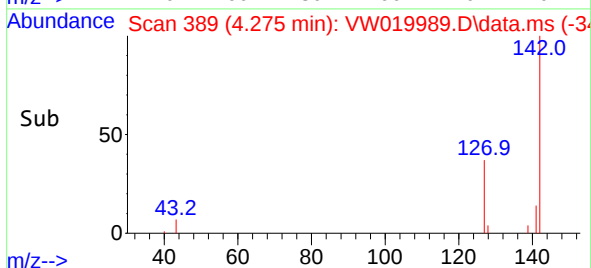
Tgt Ion:101 Resp: 4917
Ion Ratio Lower Upper
101 100
85 43.7 36.6 54.8
151 75.3 59.9 89.9



#10
Methyl Iodide
Concen: 2.170 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



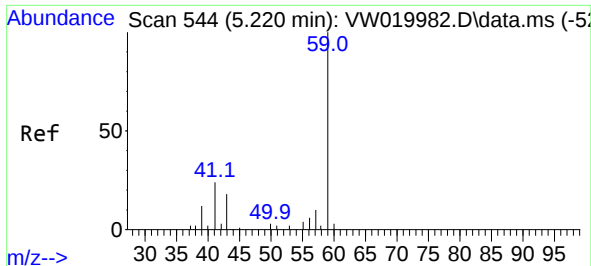
Tgt Ion:142 Resp: 6317
Ion Ratio Lower Upper
142 100
127 44.3 36.4 54.6
141 15.3 11.8 17.8



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

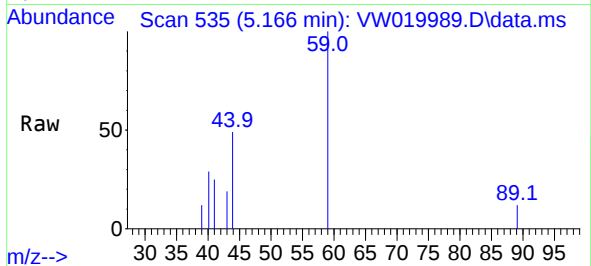
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#11
Tert butyl alcohol
Concen: 19.192 ug/l m
RT: 5.166 min Scan# 535
Delta R.T. -0.055 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

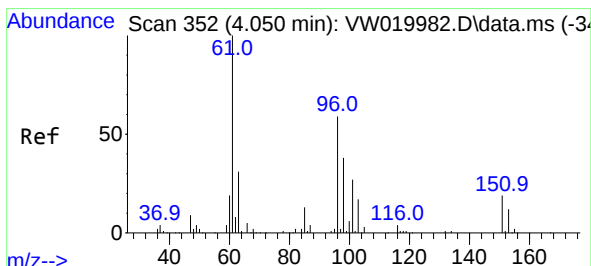
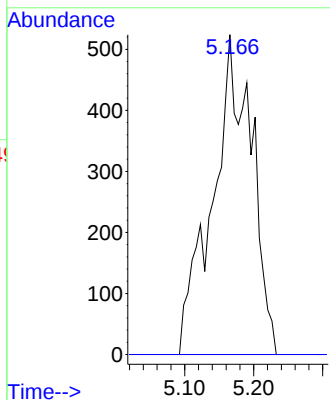
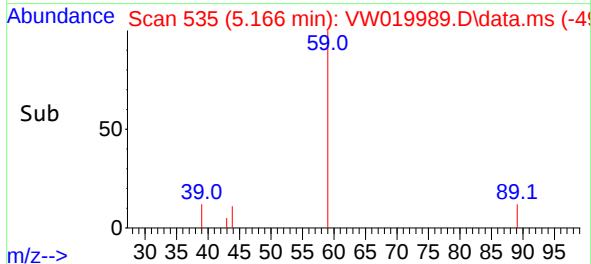
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



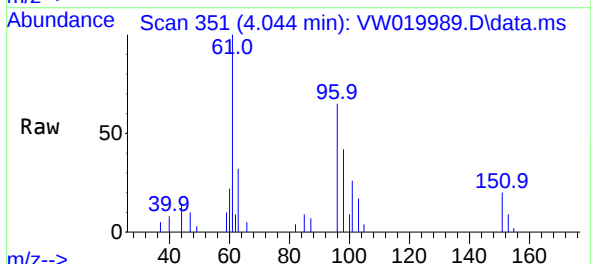
Tgt Ion: 59 Resp: 2070
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

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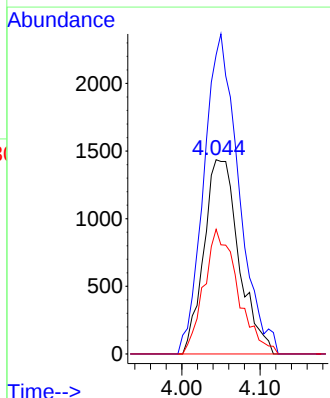
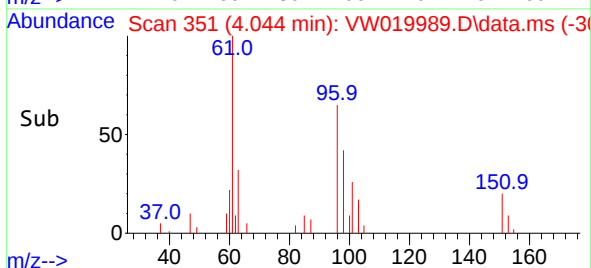
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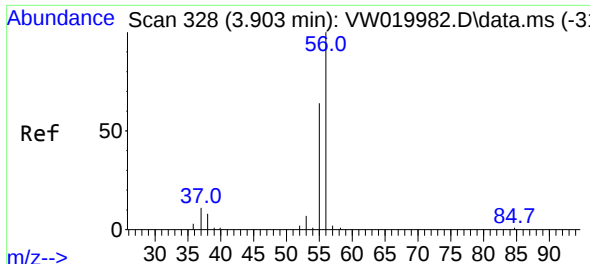


#12
1,1-Dichloroethene
Concen: 2.224 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



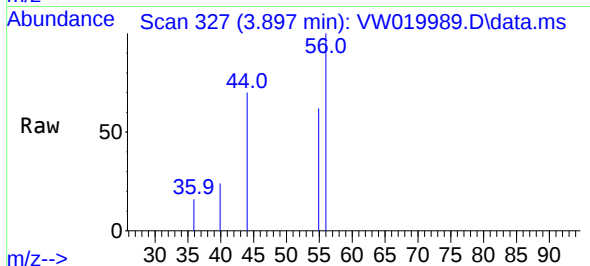
Tgt Ion: 96 Resp: 4455
Ion Ratio Lower Upper
96 100
61 154.0 136.0 204.0
98 64.2 51.5 77.3





#13
Acrolein
Concen: 11.438 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

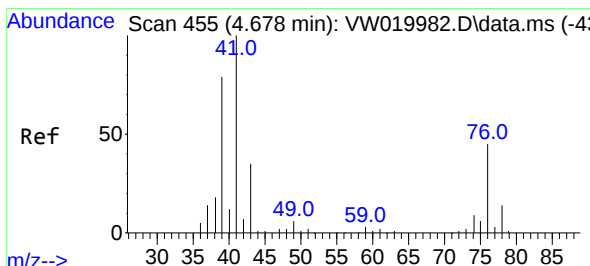
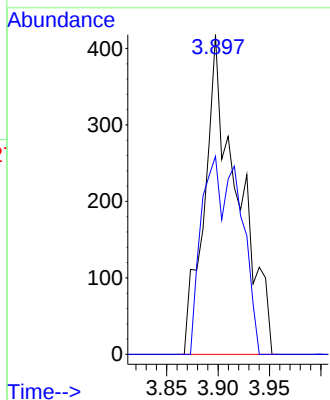
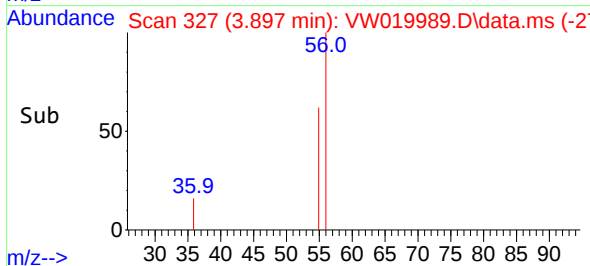
Instrument :
MSVOA_W
ClientSampleId :
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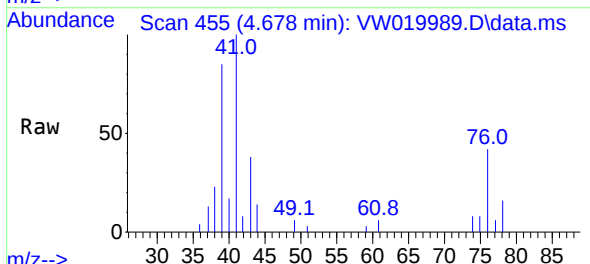
Tgt Ion: 56 Resp: 940
Ion Ratio Lower Upper
56 100
55 38.6 56.2 84.2#

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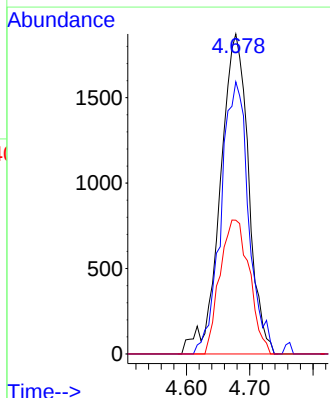
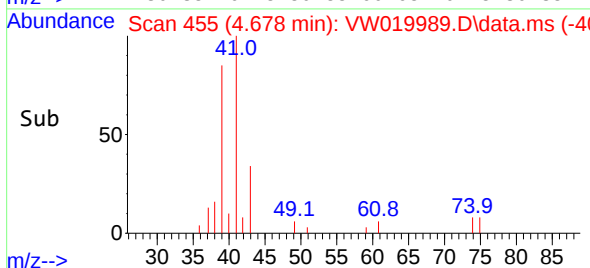
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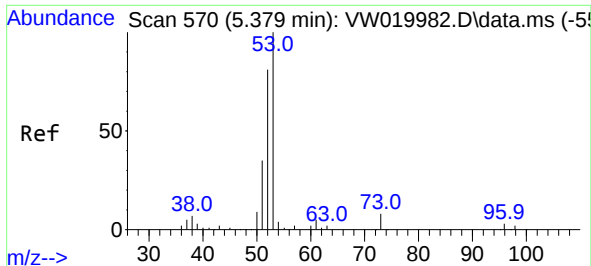


#14
Allyl chloride
Concen: 2.131 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

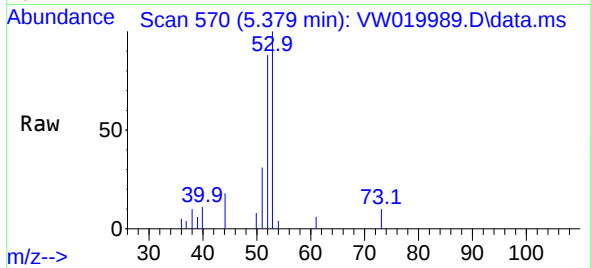


Tgt Ion: 41 Resp: 5806
Ion Ratio Lower Upper
41 100
39 83.1 62.5 93.7
76 43.7 33.8 50.8

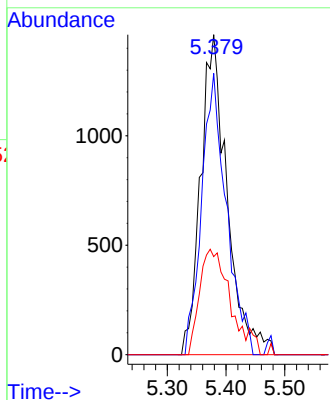




#15
Acrylonitrile
Concen: 11.016 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



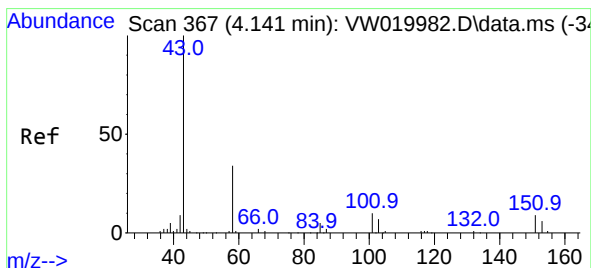
Tgt Ion:	53	Resp:	4576
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.9	98.9
51	36.1	29.8	44.8



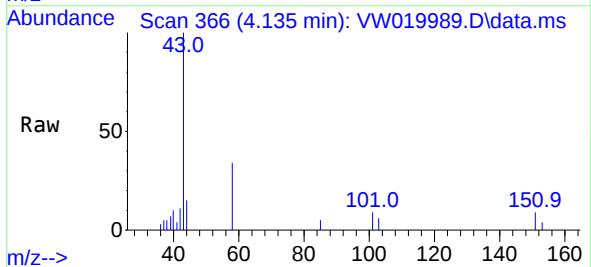
Instrument :
MSVOA_W
ClientSampleId :
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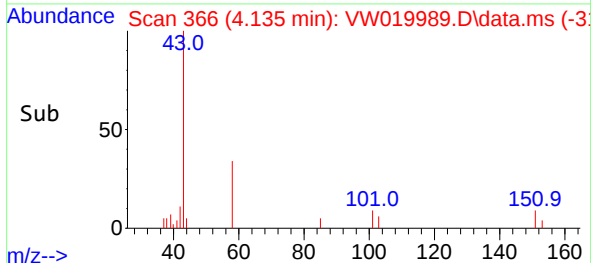
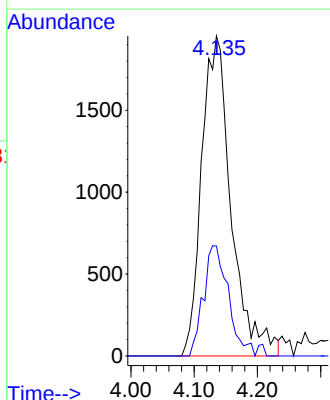
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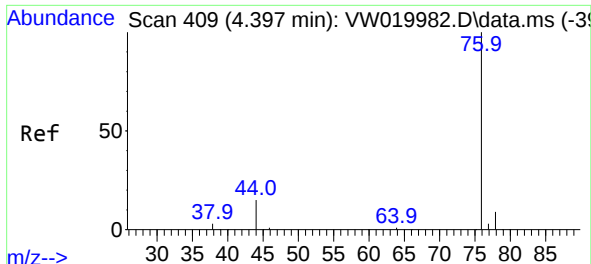


#16
Acetone
Concen: 17.492 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



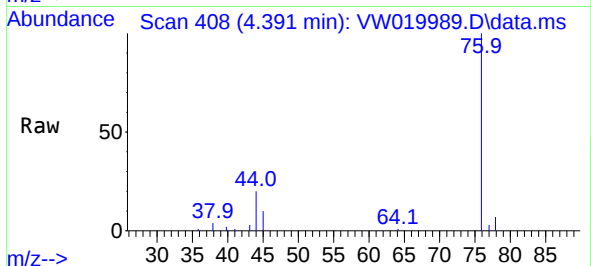
Tgt Ion:	43	Resp:	6331
Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.2	40.8





#17
Carbon Disulfide
Concen: 2.207 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

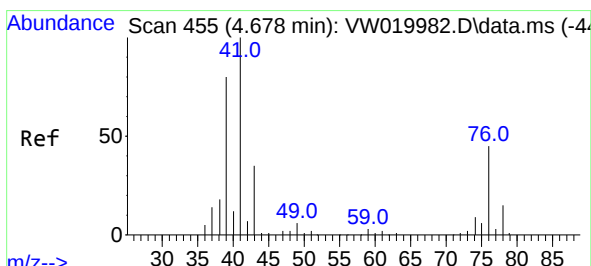
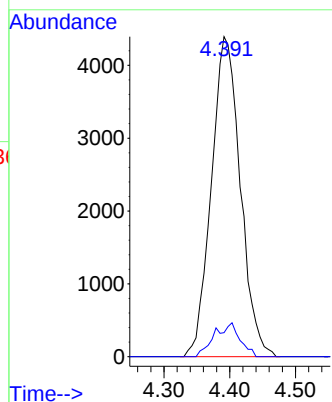
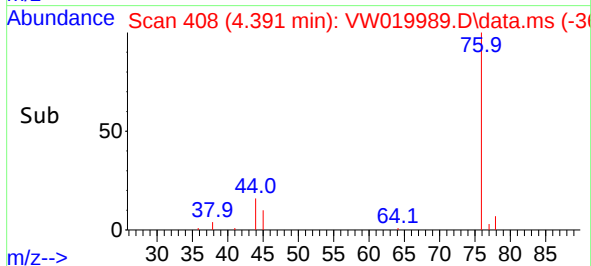
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



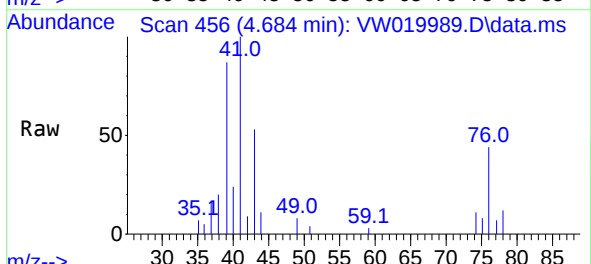
Tgt Ion: 76 Resp: 13450
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7

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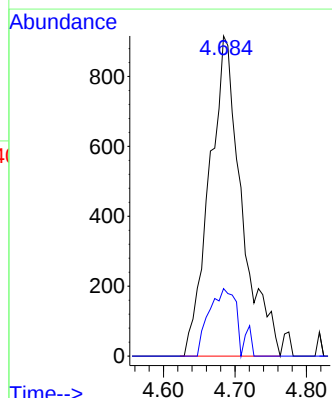
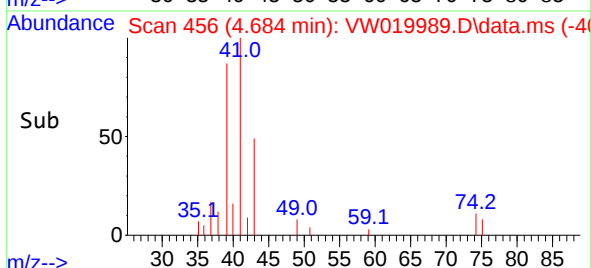
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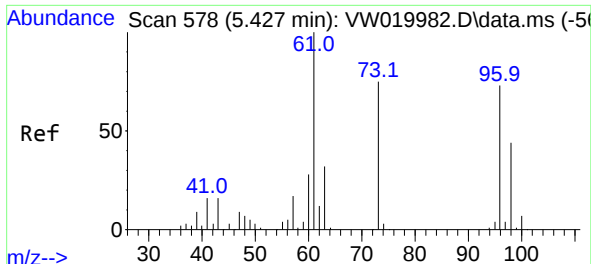


#18
Methyl Acetate
Concen: 2.791 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
74 19.0 21.0 31.6#





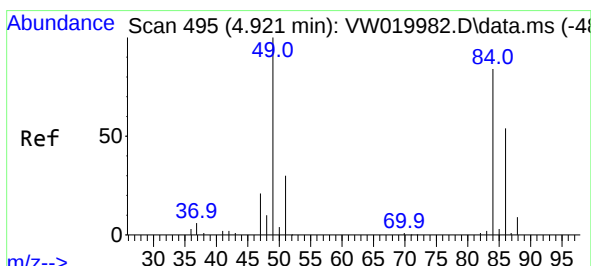
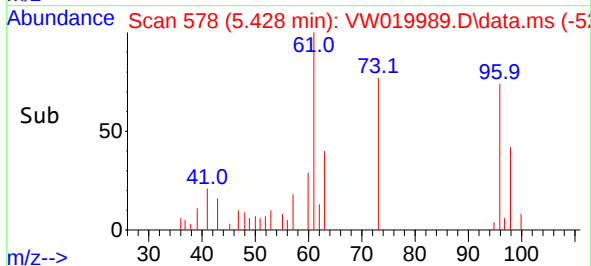
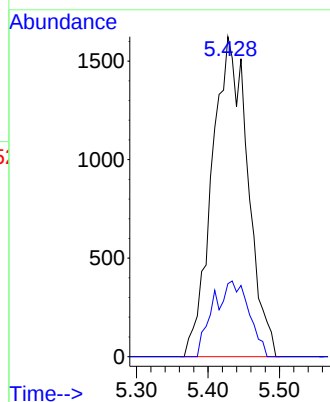
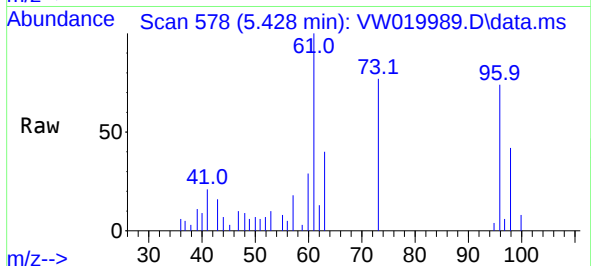
#19
Methyl tert-butyl Ether
Concen: 2.125 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 73 Resp: 5614
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5

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

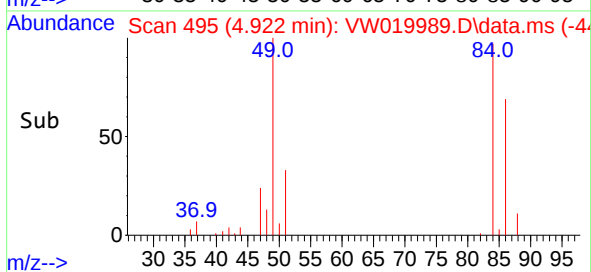
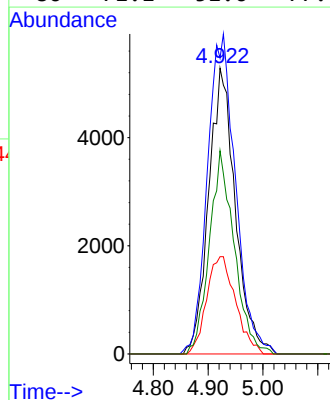
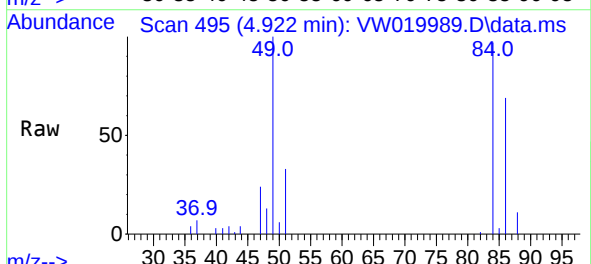
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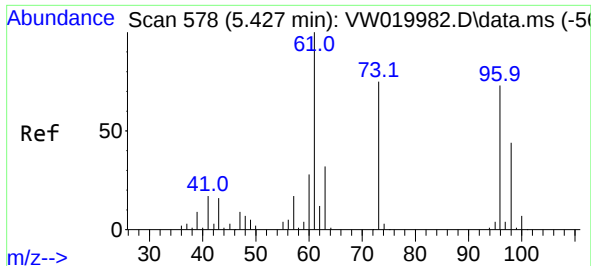
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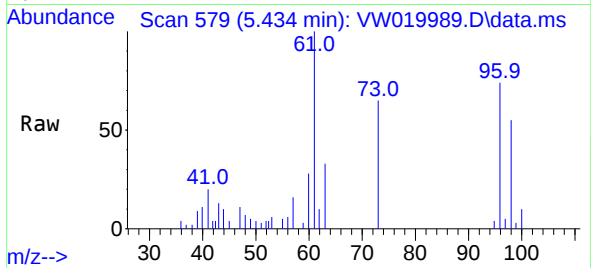
#20
Methylene Chloride
Concen: 6.575 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 84 Resp: 17895
Ion Ratio Lower Upper
84 100
49 103.5 95.4 143.0
51 34.0 28.9 43.3
86 71.1 51.6 77.4

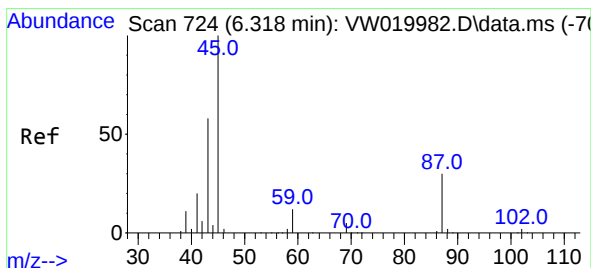
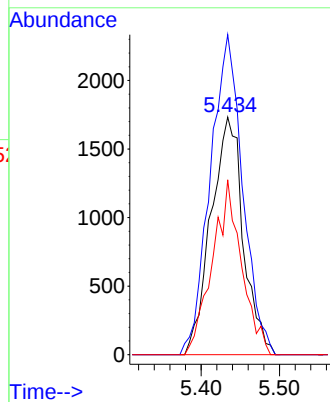
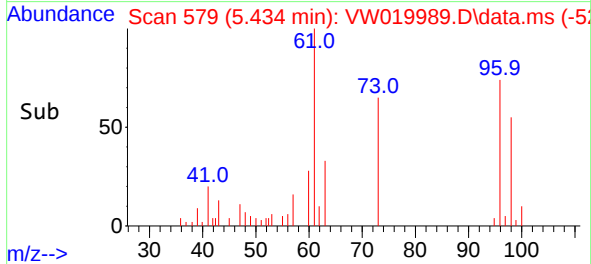




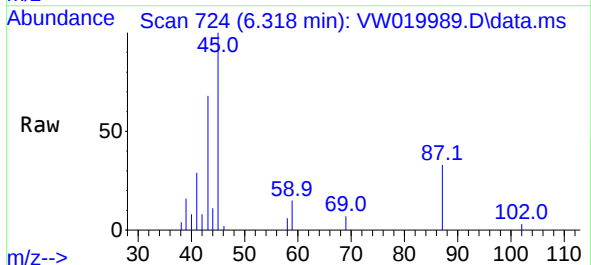
#21
trans-1,2-Dichloroethene
Concen: 2.182 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



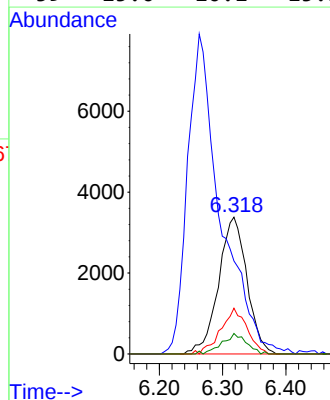
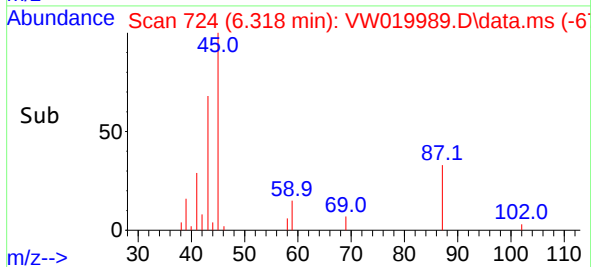
Tgt Ion: 96 Resp: 4964
Ion Ratio Lower Upper
96 100
61 134.7 109.3 163.9
98 73.6 48.3 72.5#



#22
Diisopropyl ether
Concen: 1.825 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



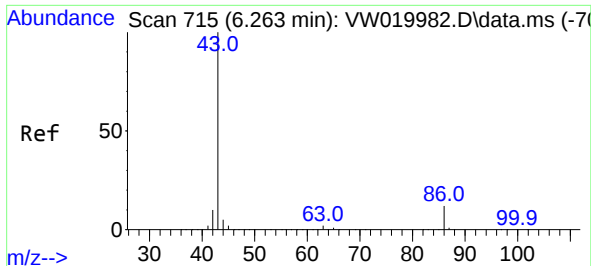
Tgt Ion: 45 Resp: 10535
Ion Ratio Lower Upper
45 100
43 64.3 46.8 70.2
87 33.5 24.3 36.5
59 15.0 10.1 15.1



Instrument :
MSVOA_W
ClientSampleId :
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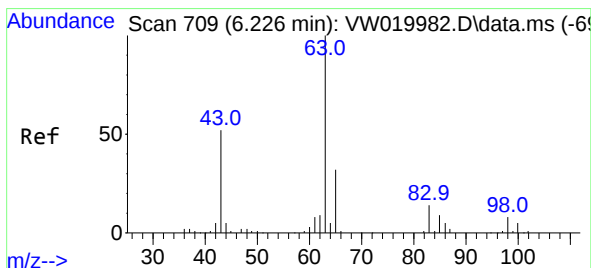
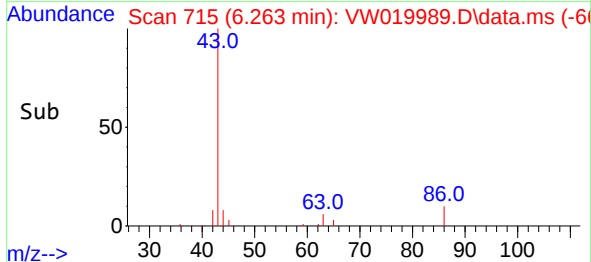
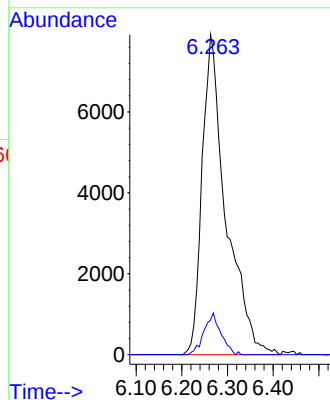
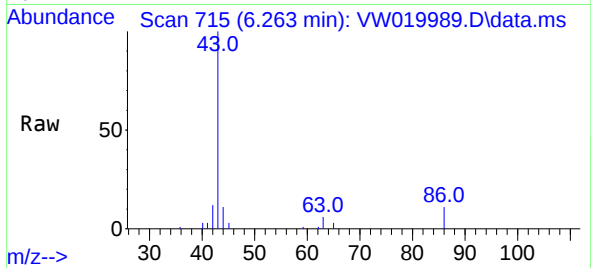
#23
 Vinyl Acetate
 Concen: 9.103 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW019989.D
 Acq: 07 Sep 2021 18:07

Tgt Ion: 43 Resp: 28665
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.3 13.9

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

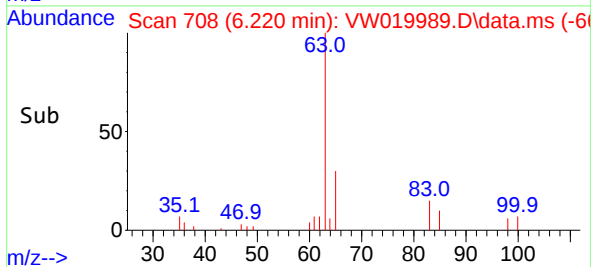
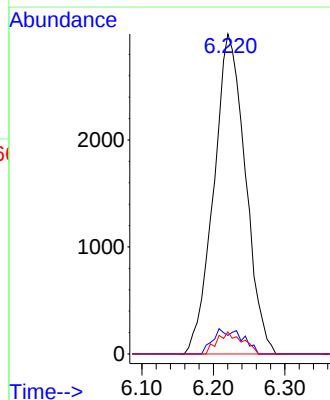
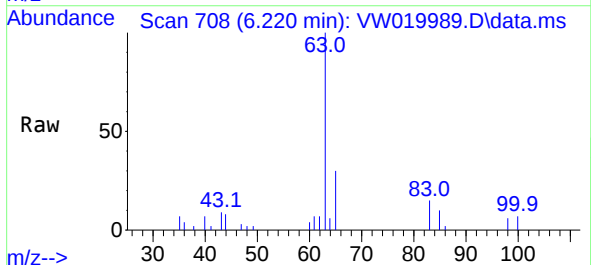
Manual Integrations
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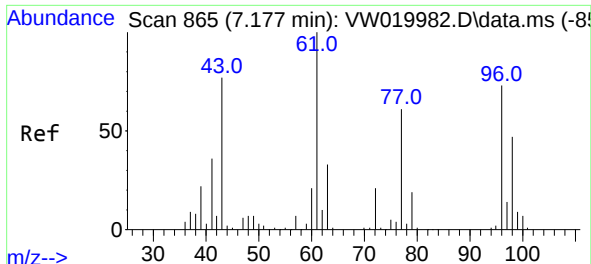
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#24
 1,1-Dichloroethane
 Concen: 2.243 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW019989.D
 Acq: 07 Sep 2021 18:07

Tgt Ion: 63 Resp: 9168
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.8 11.4
 100 6.9 2.5 7.4





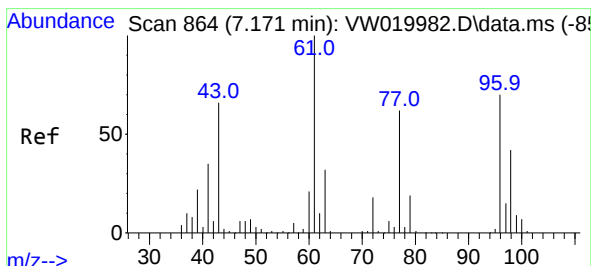
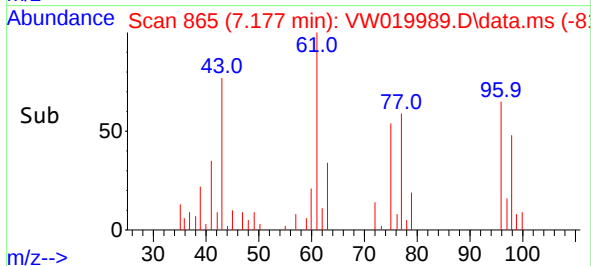
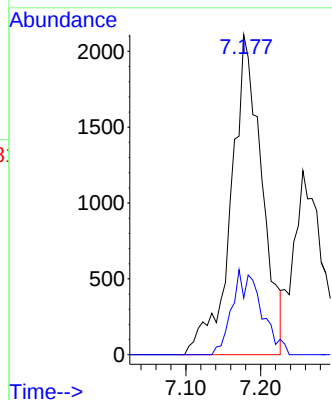
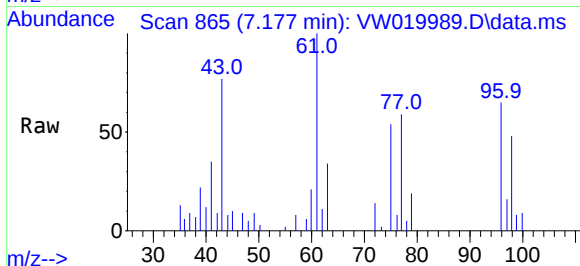
#25
2-Butanone
Concen: 11.659 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 43 Resp: 6050
Ion Ratio Lower Upper
43 100
72 17.7 21.9 32.9#

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

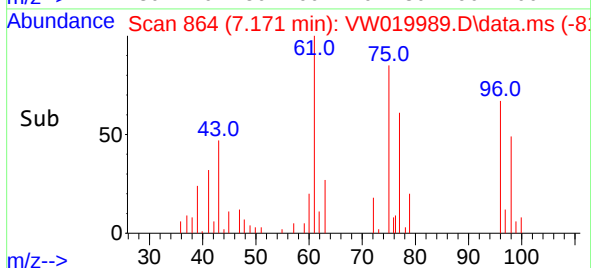
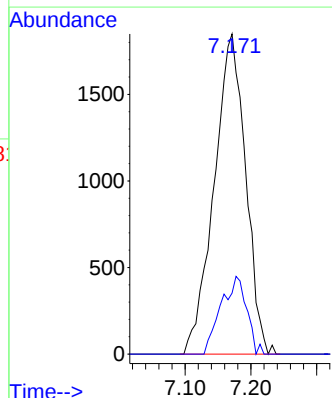
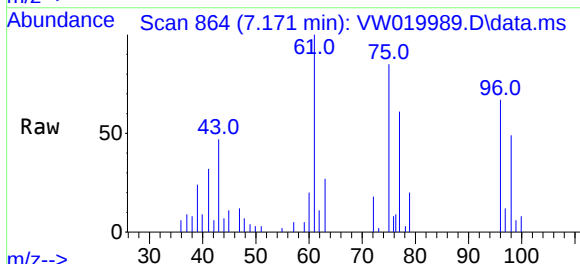
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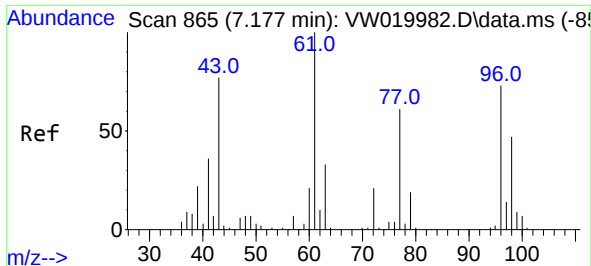
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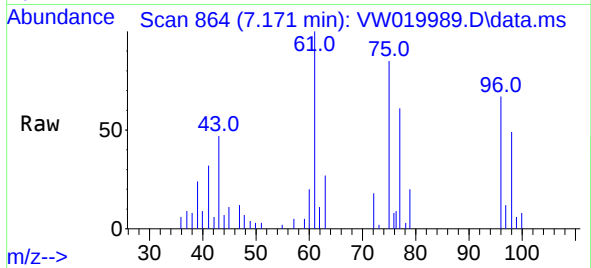
#26
2,2-Dichloropropane
Concen: 2.492 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 77 Resp: 6160
Ion Ratio Lower Upper
77 100
97 19.8 11.4 34.1



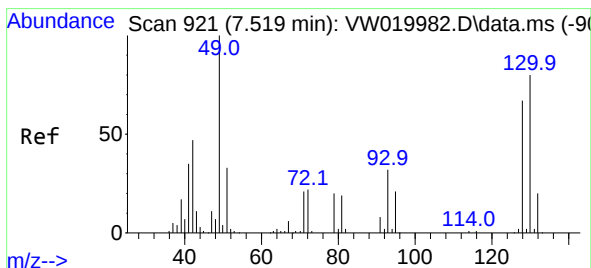
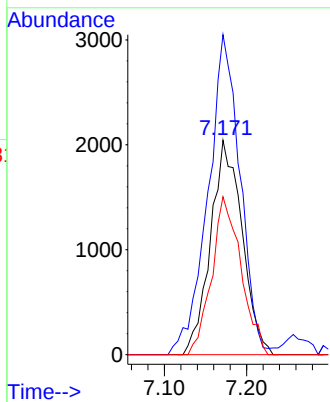
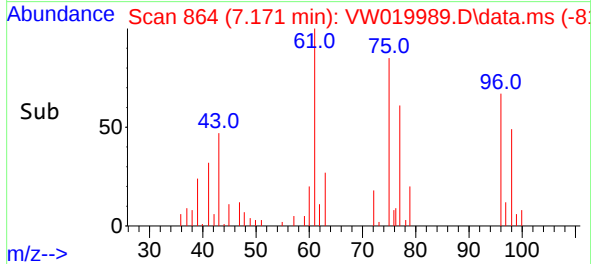


#27
cis-1,2-Dichloroethene
Concen: 2.243 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

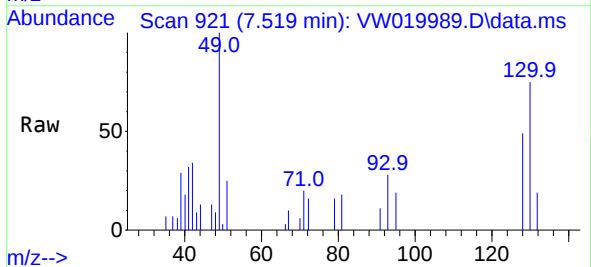


Tgt Ion: 96 Resp: 5448

Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	282.6
98	68.2	0.0	127.6

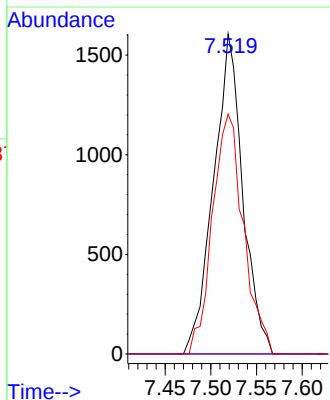
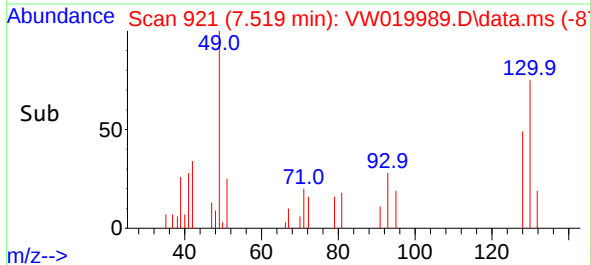


#28
Bromochloromethane
Concen: 2.205 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 49 Resp: 3577

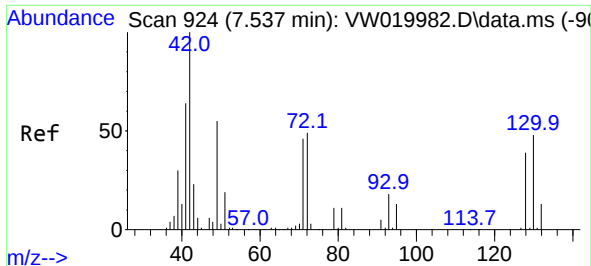
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	79.4	62.6	93.8



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

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9/8/2021 7:12:00 PM



#29

Tetrahydrofuran

Concen: 10.281 ug/l

RT: 7.549 min Scan# 926

Delta R.T. 0.012 min

Lab File: VW019989.D

Acq: 07 Sep 2021 18:07

Tgt Ion:	42	Resp:	3319
Ion	Ratio	Lower	Upper
42	100		
72	45.1	38.4	57.6
71	44.4	35.4	53.2

Instrument :

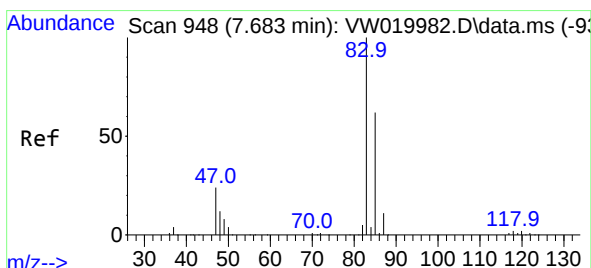
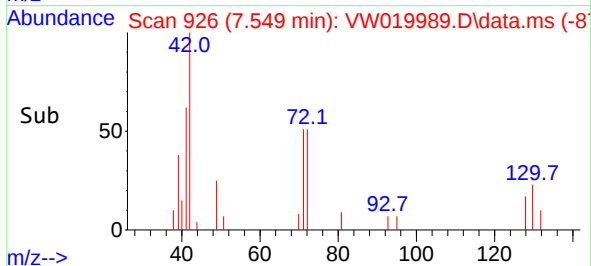
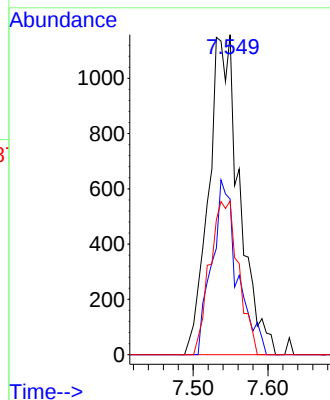
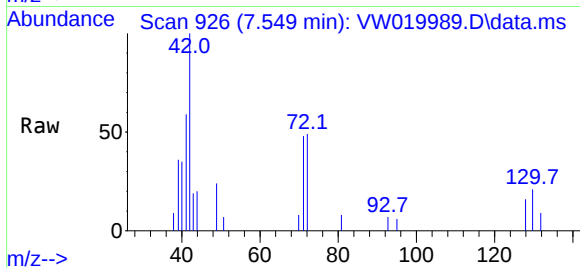
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ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

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#30

Chloroform

Concen: 2.244 ug/l

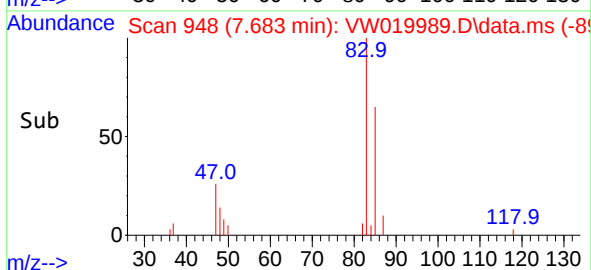
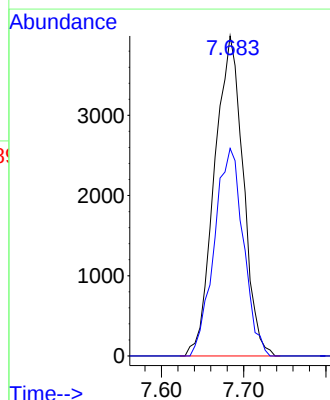
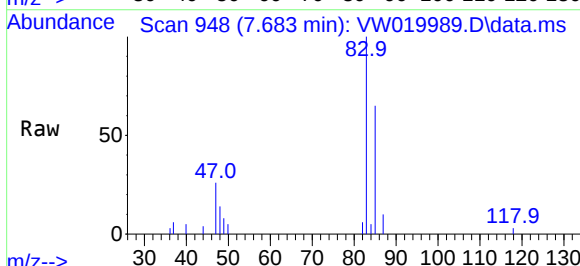
RT: 7.683 min Scan# 948

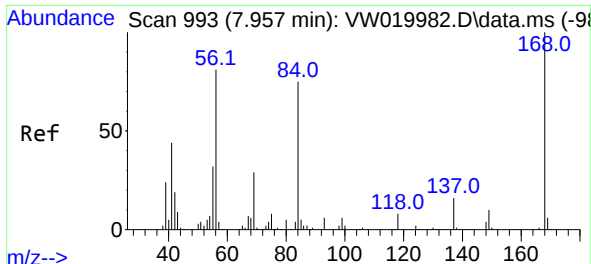
Delta R.T. 0.000 min

Lab File: VW019989.D

Acq: 07 Sep 2021 18:07

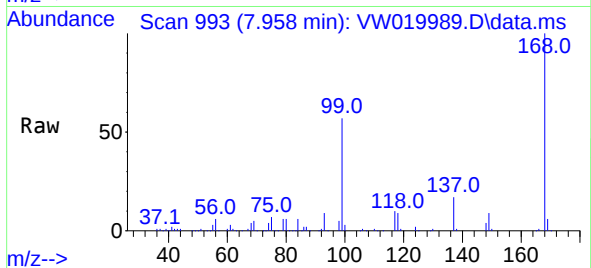
Tgt Ion:	83	Resp:	9663
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.8	74.8





#31
Cyclohexane
Concen: 3.201 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

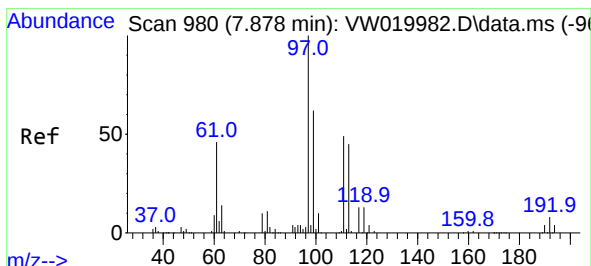
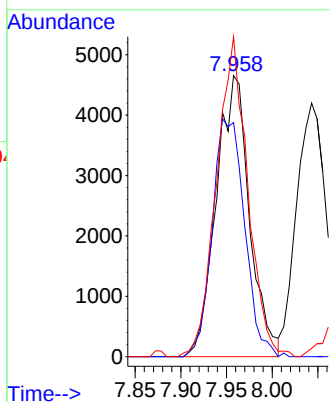
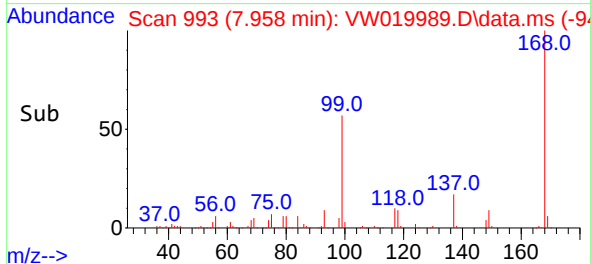
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



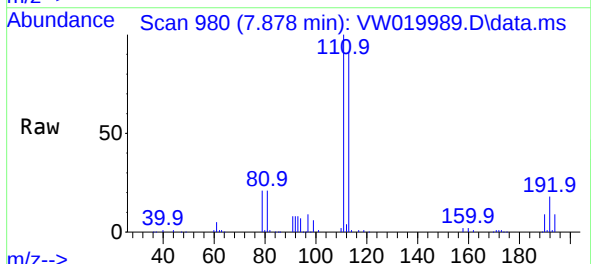
Tgt Ion: 56 Resp: 11757
Ion Ratio Lower Upper
56 100
69 83.2 28.6 42.8#
84 113.8 74.5 111.7#

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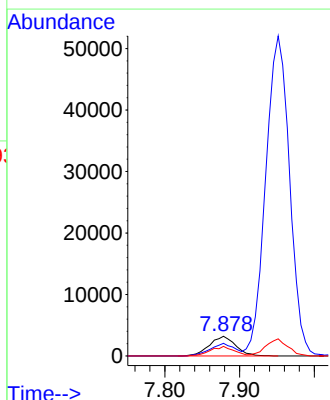
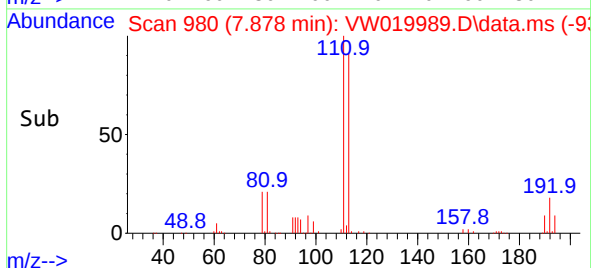
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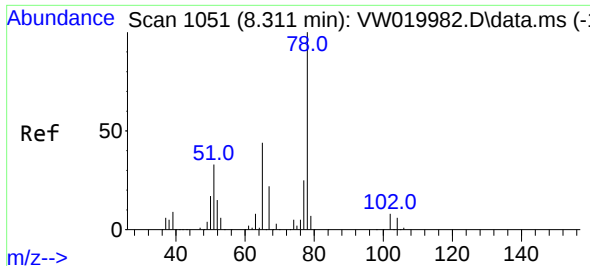


#32
1,1,1-Trichloroethane
Concen: 2.240 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

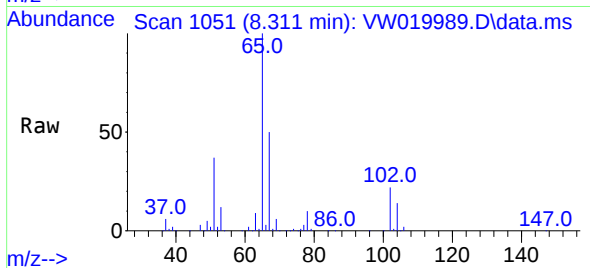


Tgt Ion: 97 Resp: 7808
Ion Ratio Lower Upper
97 100
99 60.1 50.9 76.3
61 43.8 36.1 54.1

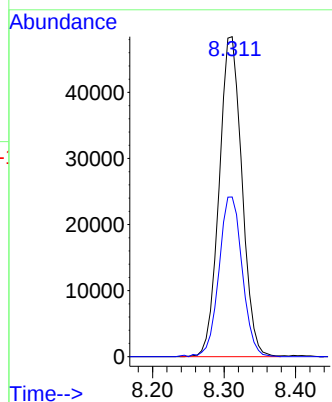




#33
1,2-Dichloroethane-d4
Concen: 47.535 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



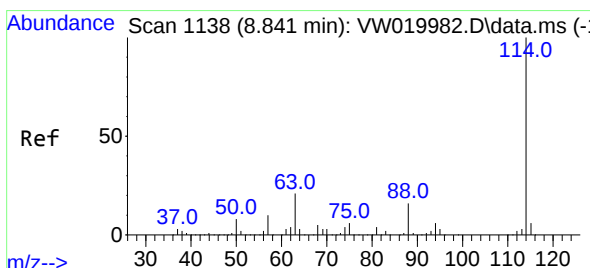
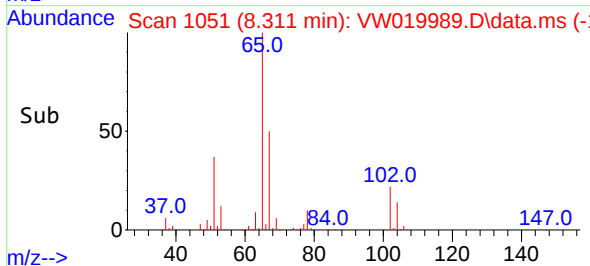
Tgt Ion: 65 Resp: 107114
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2



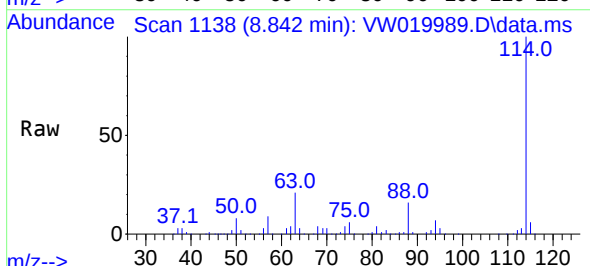
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MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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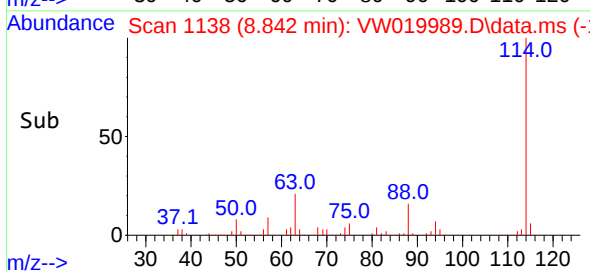
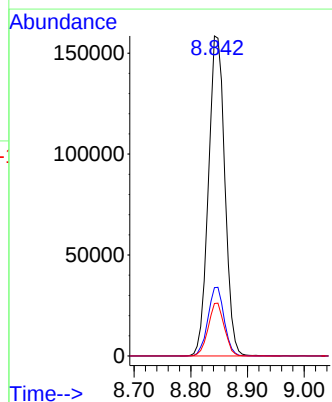
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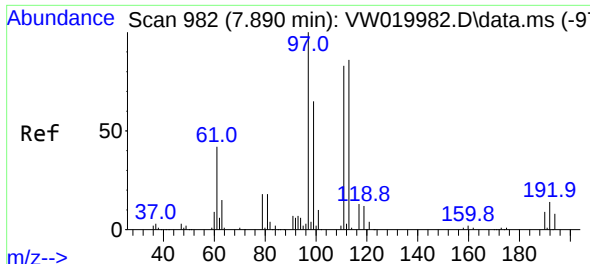


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.001 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



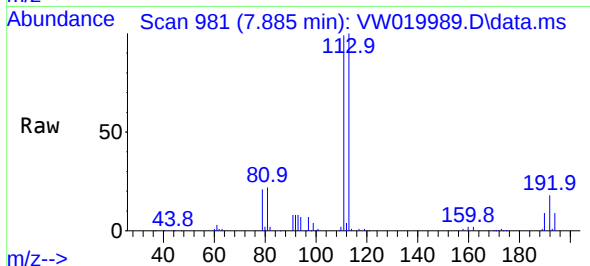
Tgt Ion: 114 Resp: 318519
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 16.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.004 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

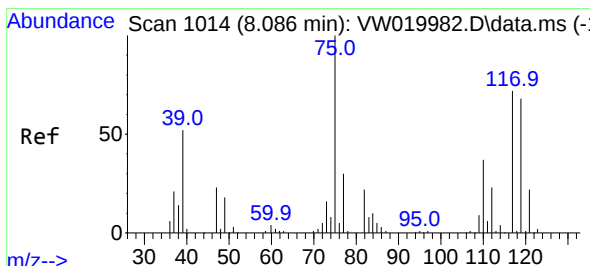
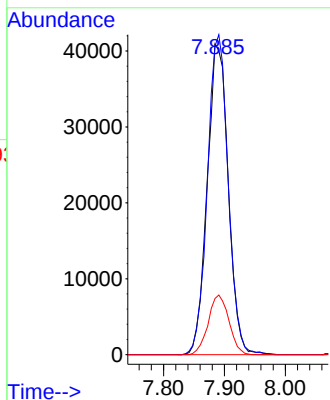
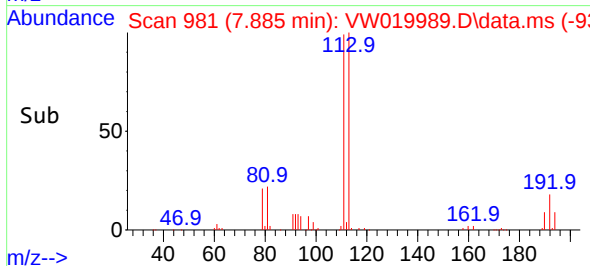
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



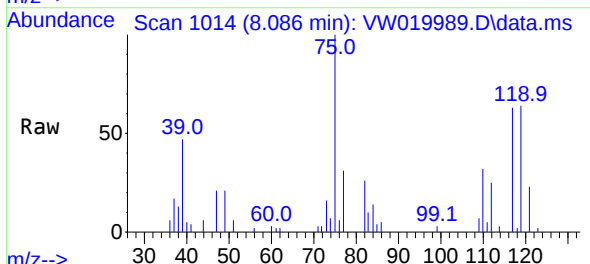
Tgt Ion:113 Resp: 98319
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 18.9 14.6 22.0

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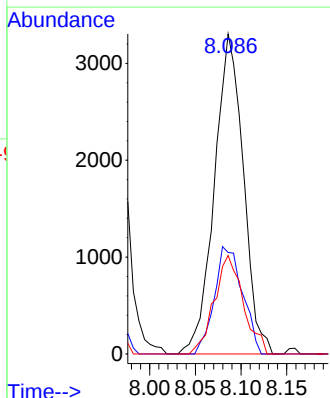
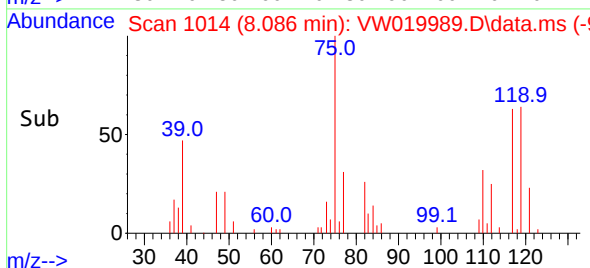
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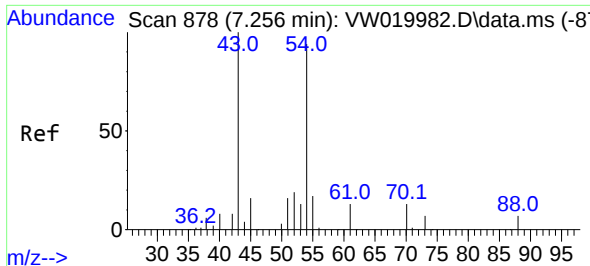


#36
1,1-Dichloropropene
Concen: 2.174 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



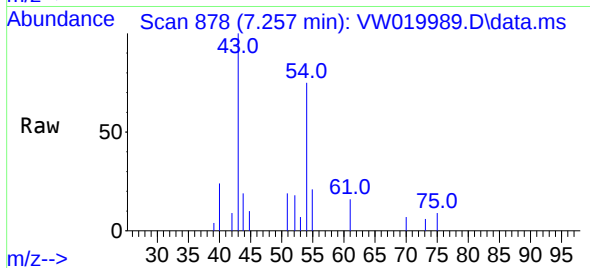
Tgt Ion: 75 Resp: 7283
Ion Ratio Lower Upper
75 100
110 32.6 17.4 52.3
77 30.8 24.8 37.2





#37
Ethyl Acetate
Concen: 2.198 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

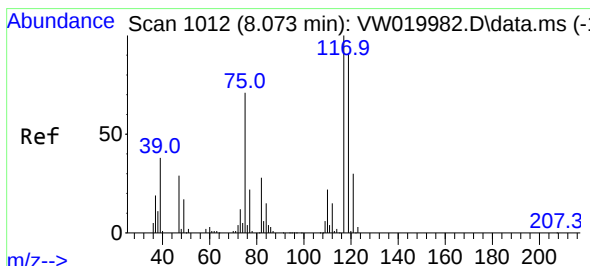
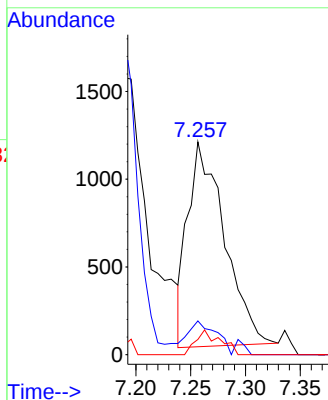
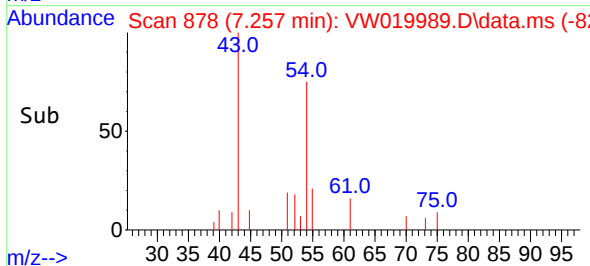
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



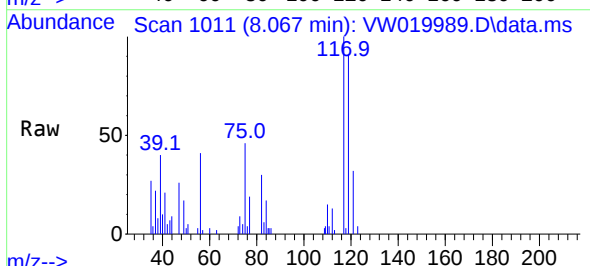
Tgt Ion: 43 Resp: 2708
Ion Ratio Lower Upper
43 100
61 12.8 11.7 17.5
70 7.9 9.3 13.9#

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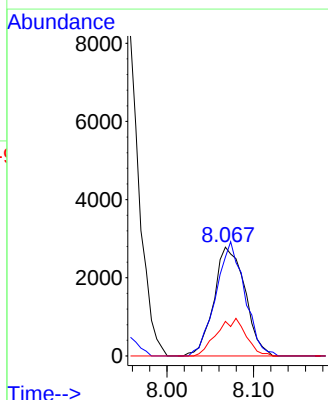
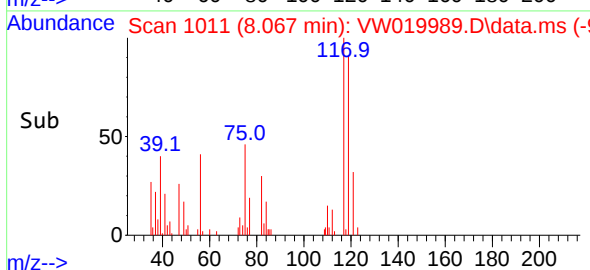
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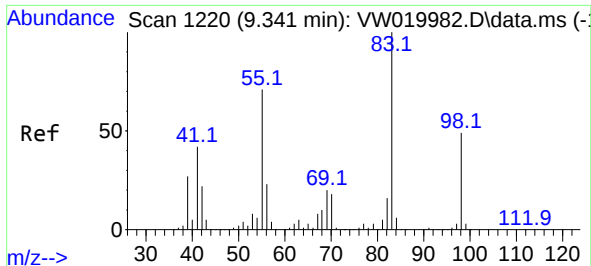


#38
Carbon Tetrachloride
Concen: 2.036 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 117 Resp: 6956
Ion Ratio Lower Upper
117 100
119 90.9 73.0 109.4
121 31.8 23.9 35.9





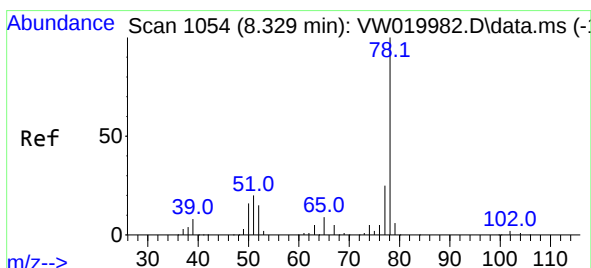
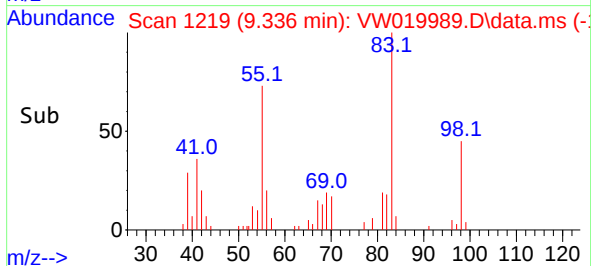
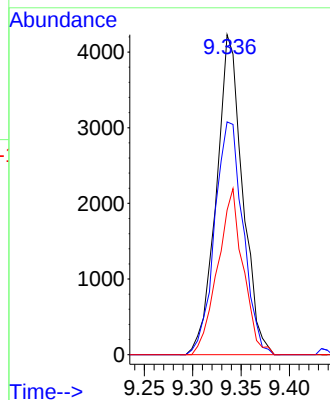
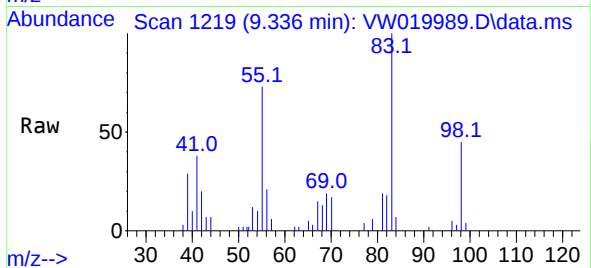
#39
Methylcyclohexane
Concen: 2.054 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	83	Resp:	7978
Ion	Ratio	Lower	Upper
83	100		
55	72.7	56.9	85.3
98	45.1	39.0	58.4

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

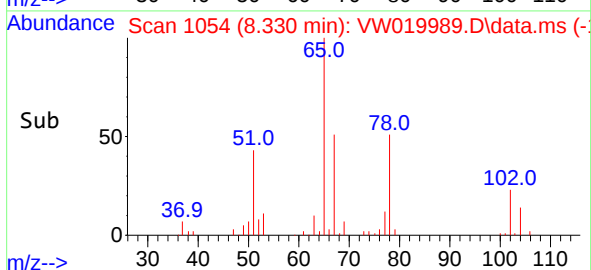
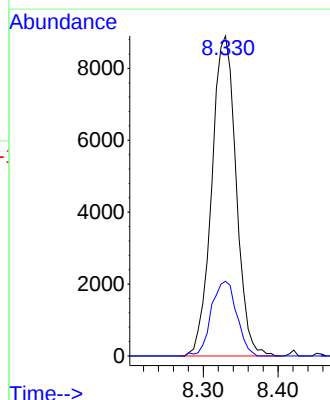
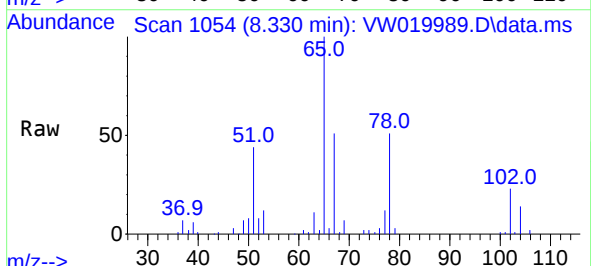
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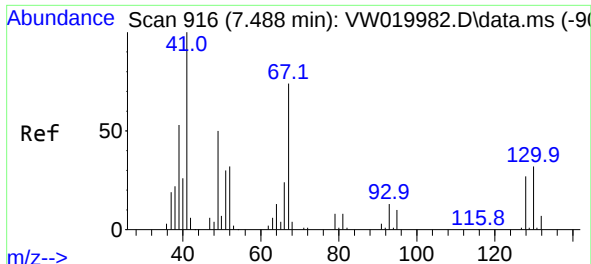
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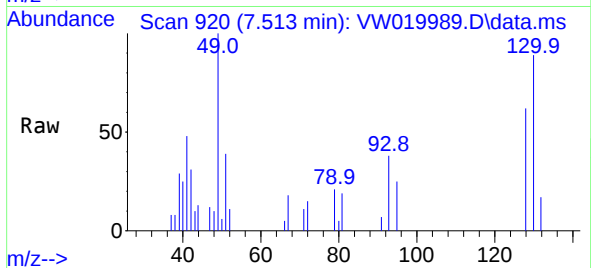
#40
Benzene
Concen: 2.188 ug/l
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	78	Resp:	20193
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.7	29.5



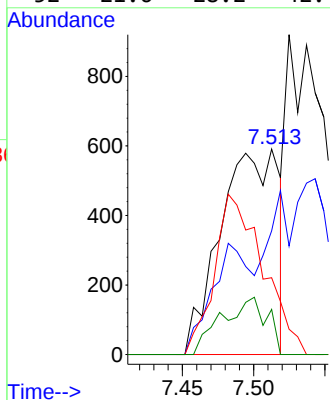


#41
Methacrylonitrile
Concen: 2.468 ug/l m
RT: 7.513 min Scan# 920
Delta R.T. 0.025 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 41 Resp: 1683

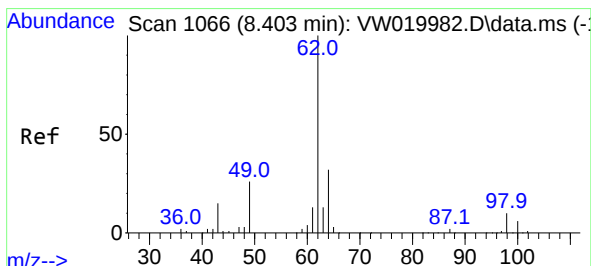
Ion	Ratio	Lower	Upper
41	100		
39	36.4	45.2	67.8#
67	65.0	65.3	97.9#
52	21.6	28.2	42.4#



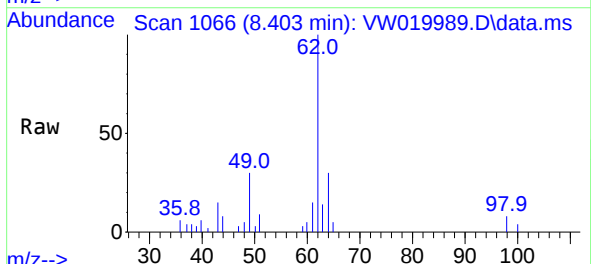
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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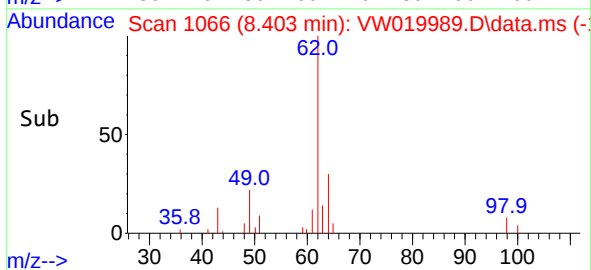
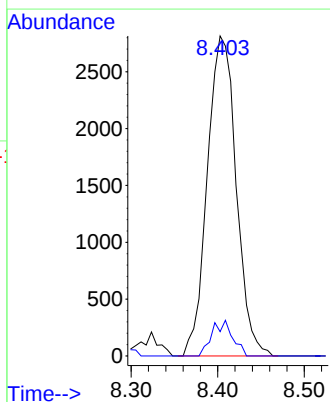


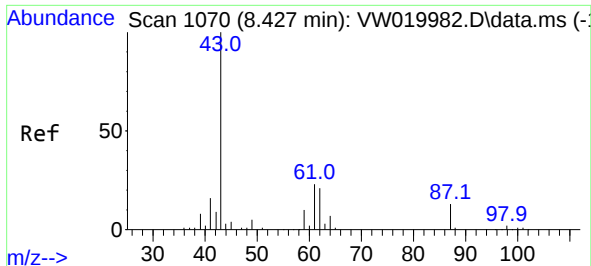
#42
1,2-Dichloroethane
Concen: 2.304 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



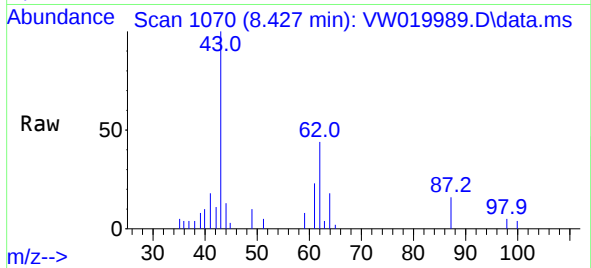
Tgt Ion: 62 Resp: 6530

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.6



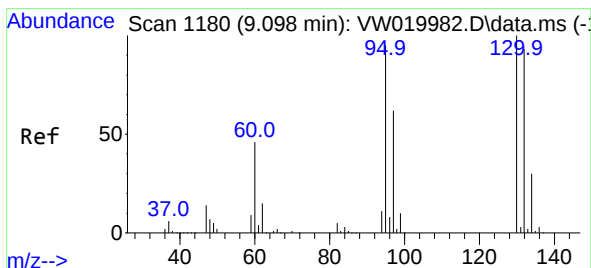
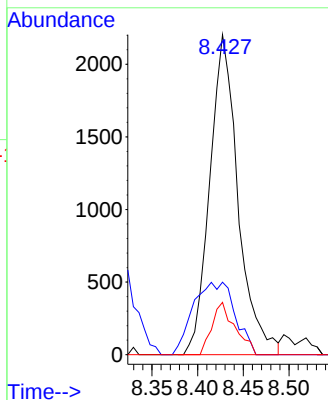
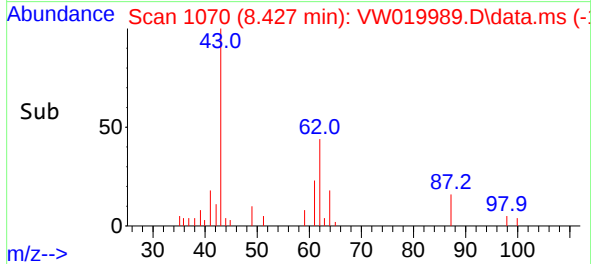


#43
Isopropyl Acetate
Concen: 2.035 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

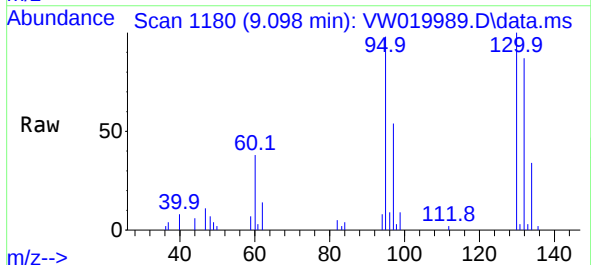


Tgt Ion: 43 Resp: 4758

Ion	Ratio	Lower	Upper
43	100		
61	33.5	26.6	39.8
87	13.3	11.0	16.6

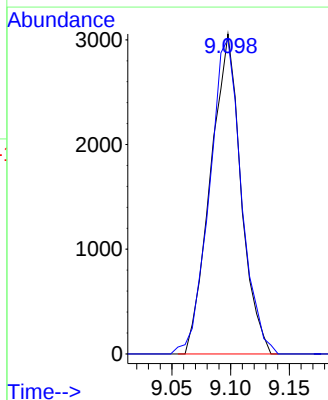
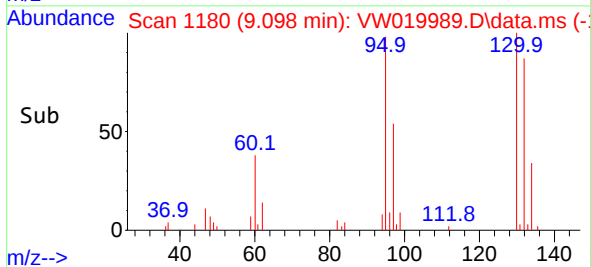


#44
Trichloroethene
Concen: 2.271 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 130 Resp: 5499

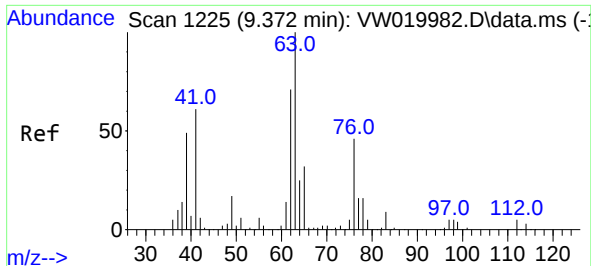
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	190.0



Instrument :
MSVOA_W
ClientSampleId :
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#45

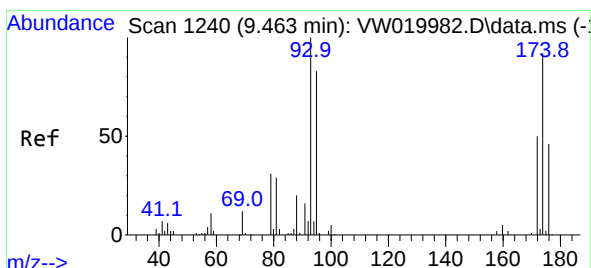
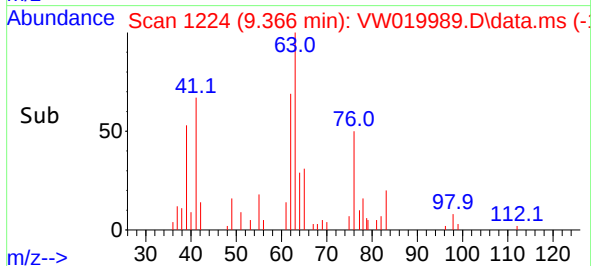
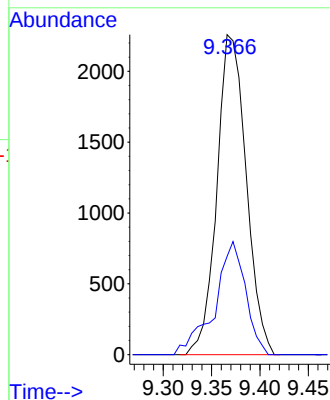
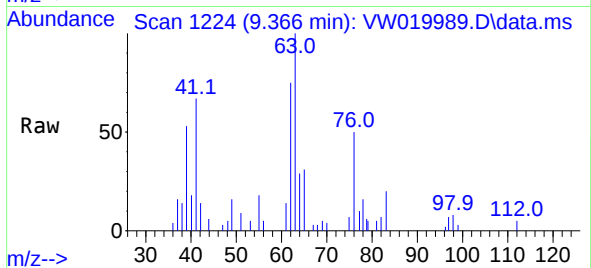
1,2-Dichloropropane
Concen: 2.120 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 63 Resp: 4758
Ion Ratio Lower Upper
63 100
65 30.7 25.5 38.3

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

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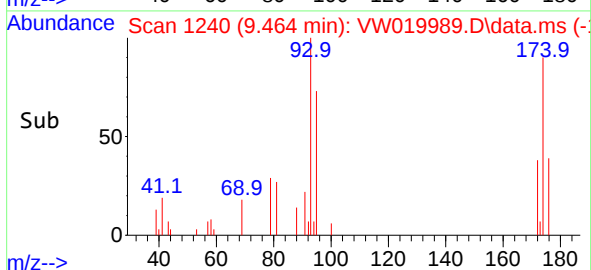
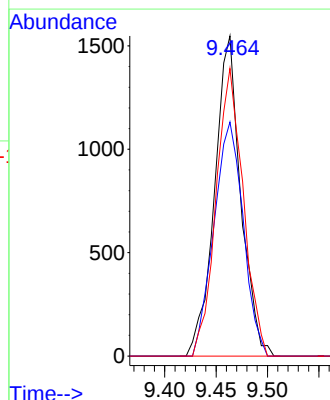
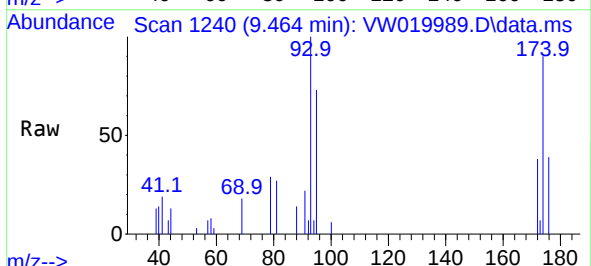
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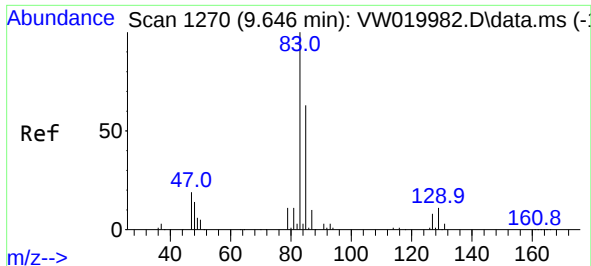


#46

Dibromomethane
Concen: 2.167 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

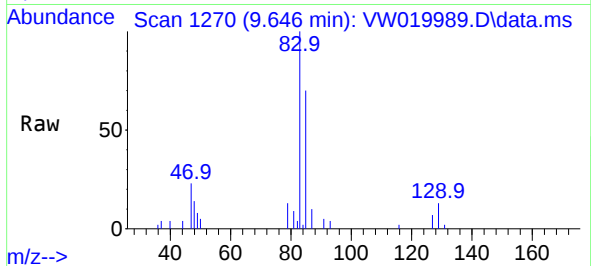
Tgt Ion: 93 Resp: 2743
Ion Ratio Lower Upper
93 100
95 81.7 65.2 97.8
174 93.1 75.8 113.6





#47
Bromodichloromethane
Concen: 2.090 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

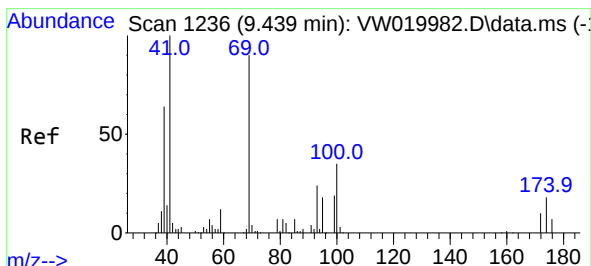
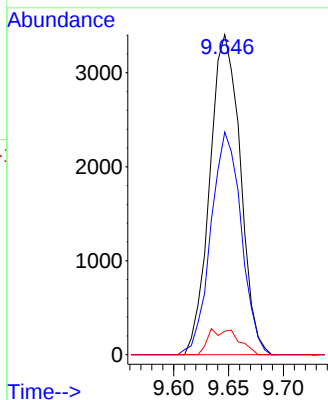
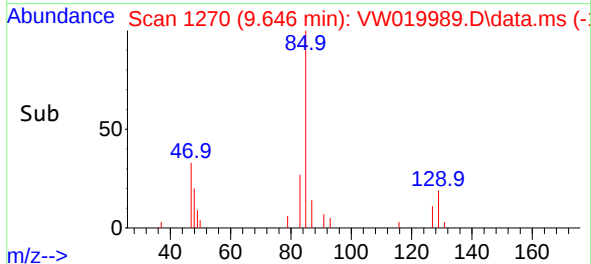
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



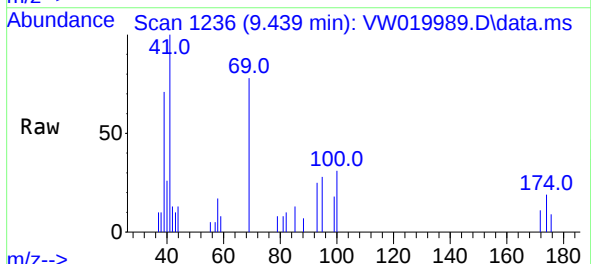
Tgt Ion: 83 Resp: 6594
Ion Ratio Lower Upper
83 100
85 69.6 50.3 75.5
127 7.4 6.5 9.7

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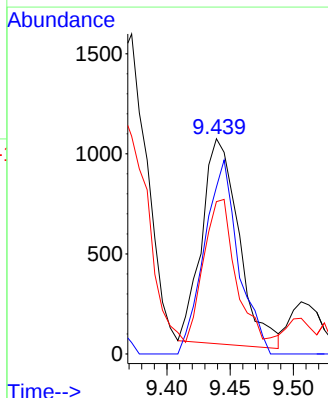
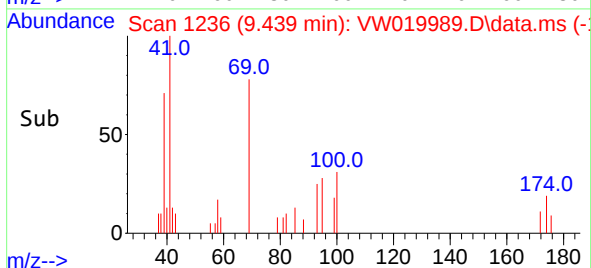
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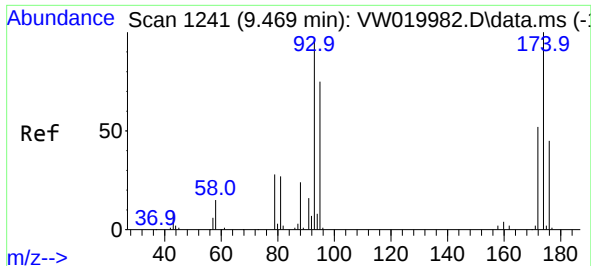


#48
Methyl methacrylate
Concen: 2.044 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



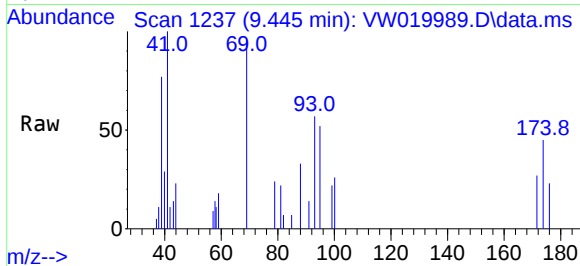
Tgt Ion: 41 Resp: 2091
Ion Ratio Lower Upper
41 100
69 86.5 76.7 115.1
39 62.0 51.4 77.0





#49
1,4-Dioxane
Concen: 35.372 ug/l
RT: 9.445 min Scan# 1237
Delta R.T. -0.024 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

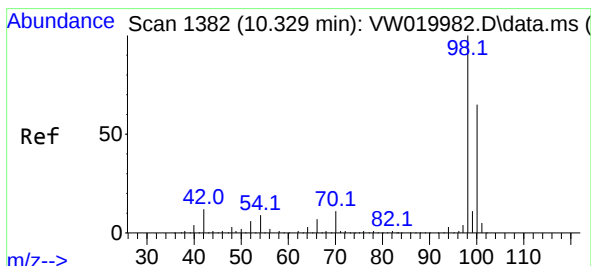
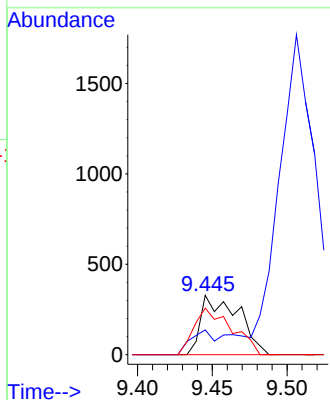
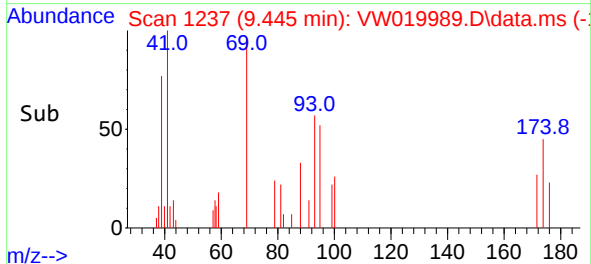
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



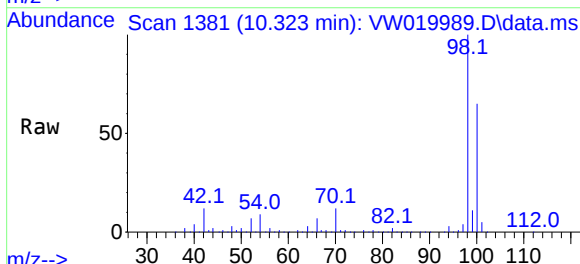
Tgt Ion: 88 Resp: 572
Ion Ratio Lower Upper
88 100
43 25.0 0.0 0.0#
58 79.4 54.7 82.1

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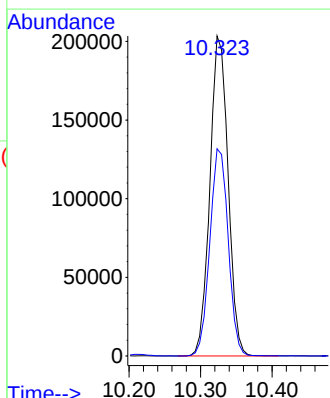
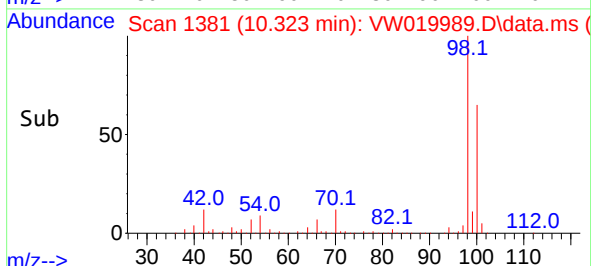
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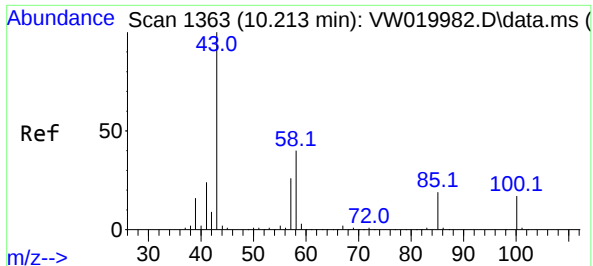


#50
Toluene-d8
Concen: 46.190 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

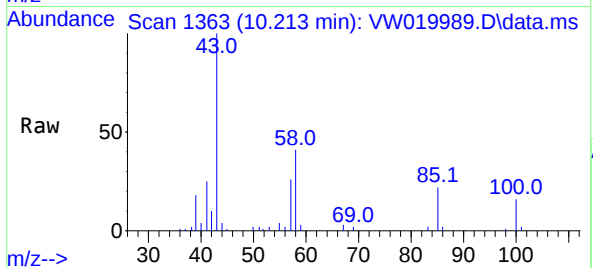


Tgt Ion: 98 Resp: 359152
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

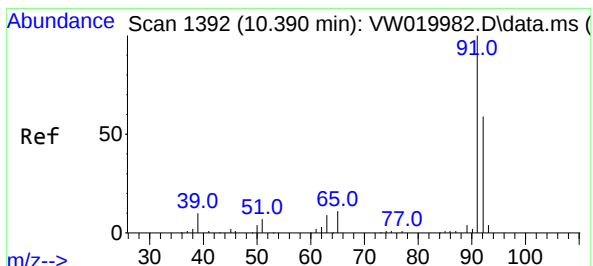
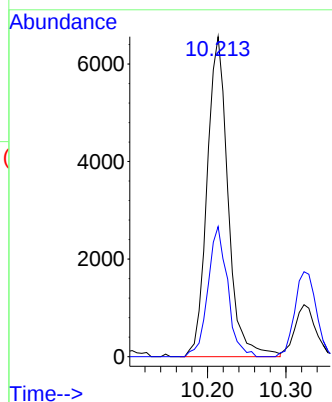
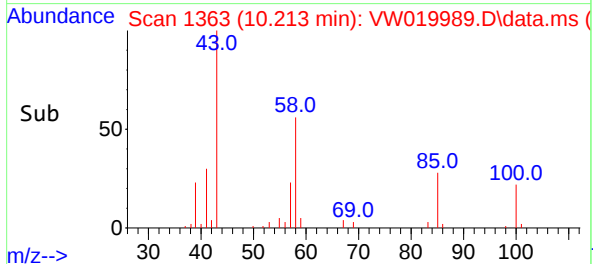




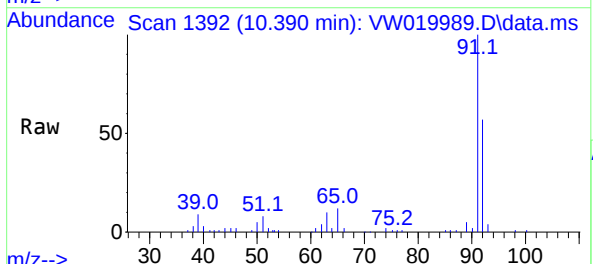
#51
4-Methyl-2-Pentanone
Concen: 10.048 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



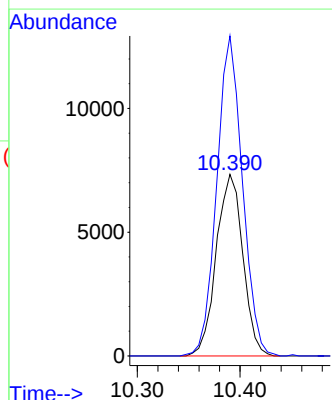
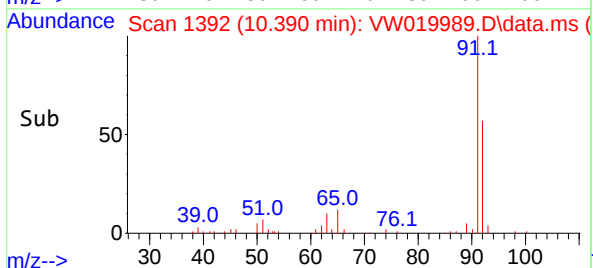
Tgt Ion: 43 Resp: 12181
Ion Ratio Lower Upper
43 100
58 38.1 32.1 48.1



#52
Toluene
Concen: 2.254 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



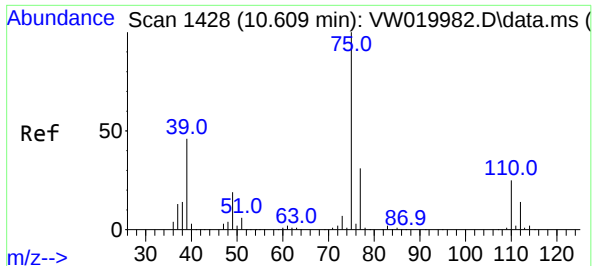
Tgt Ion: 92 Resp: 13173
Ion Ratio Lower Upper
92 100
91 170.3 136.6 205.0



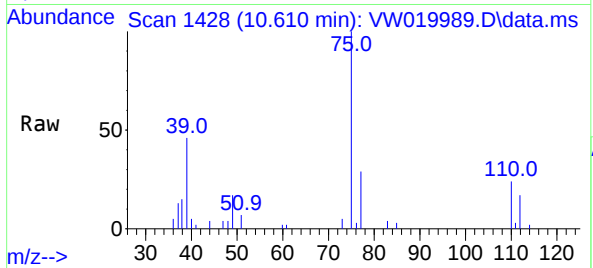
Instrument :
MSVOA_W
ClientSampleId :
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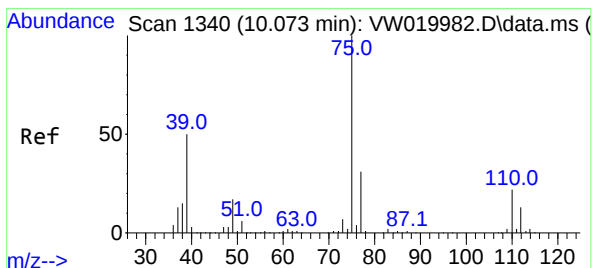
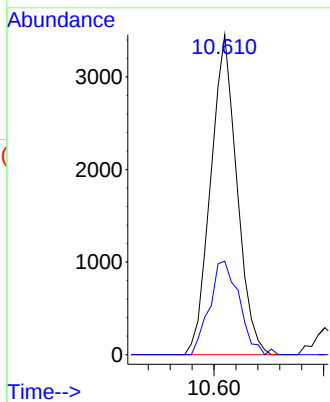
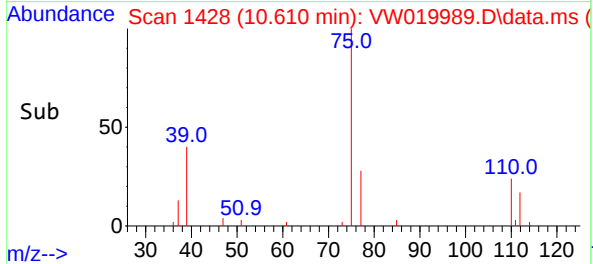
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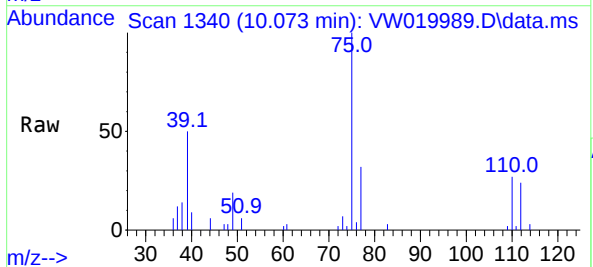
#53
t-1,3-Dichloropropene
Concen: 1.897 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



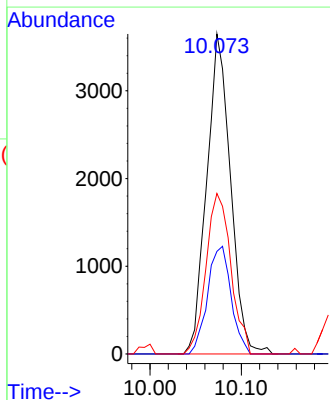
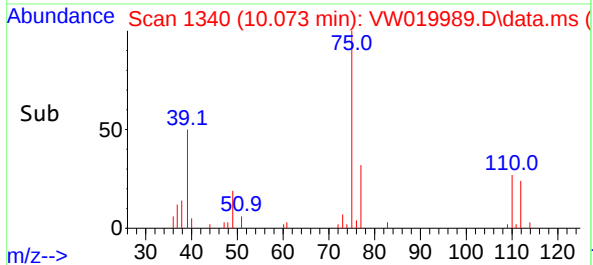
Tgt Ion: 75 Resp: 5741
Ion Ratio Lower Upper
75 100
77 29.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 1.871 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



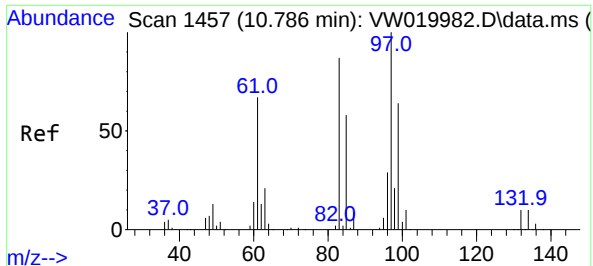
Tgt Ion: 75 Resp: 6591
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 50.2 39.9 59.9



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

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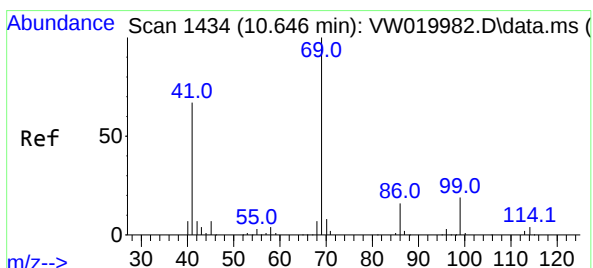
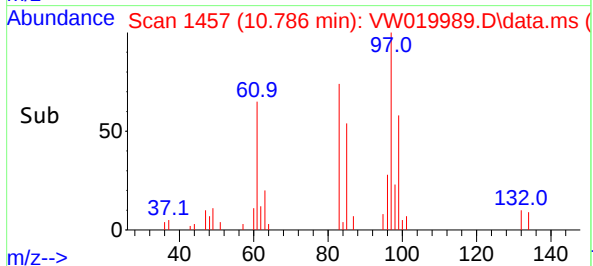
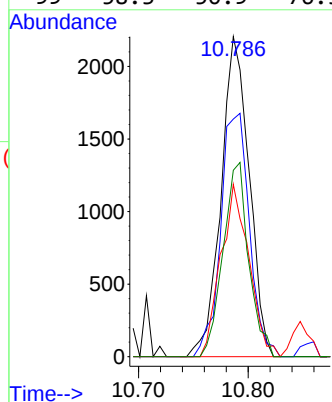
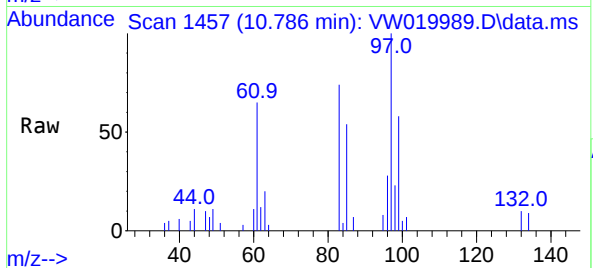
#55
1,1,2-Trichloroethane
Concen: 2.282 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	97	Resp:	3916
Ion	Ratio	Lower	Upper
97	100		
83	74.2	69.8	104.6
85	53.9	46.6	69.8
99	58.3	50.9	76.3

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

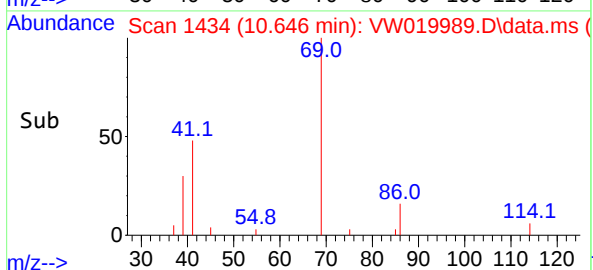
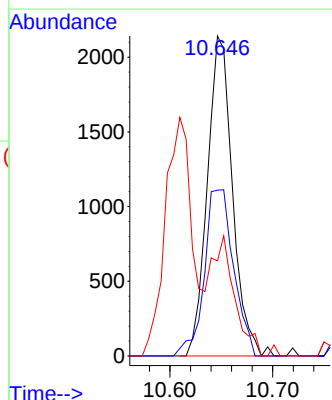
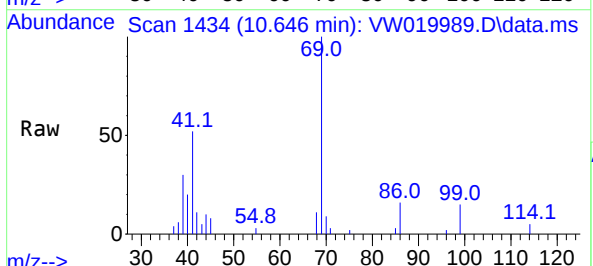
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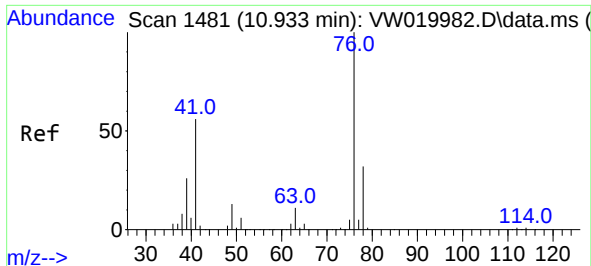
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#56
Ethyl methacrylate
Concen: 1.900 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	69	Resp:	3647
Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.6	76.0
39	34.3	31.2	46.8





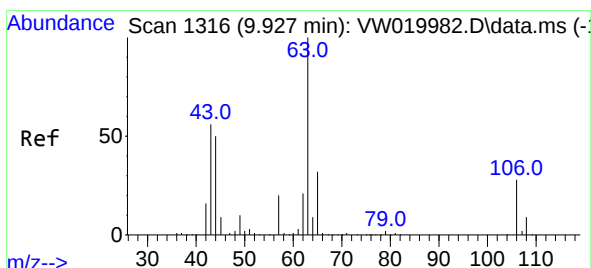
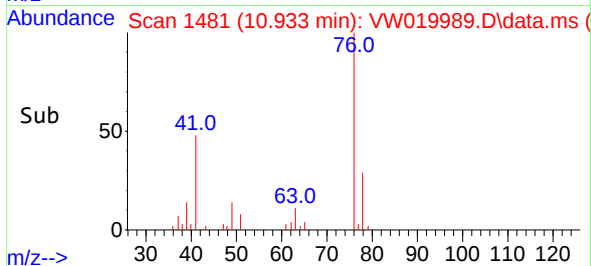
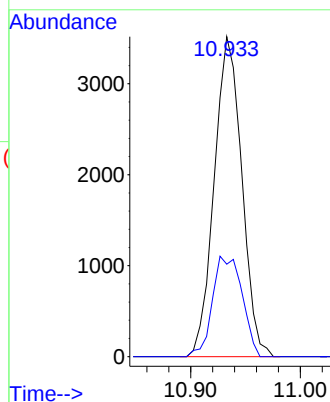
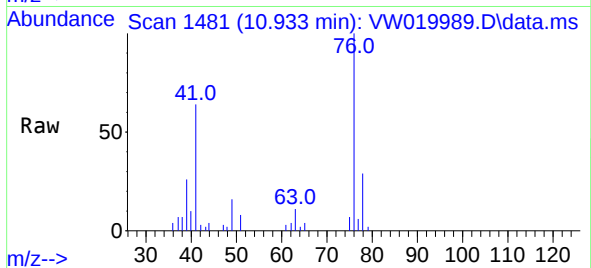
#57
1,3-Dichloropropane
Concen: 2.089 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 76 Resp: 6149
Ion Ratio Lower Upper
76 100
78 33.7 26.6 40.0

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

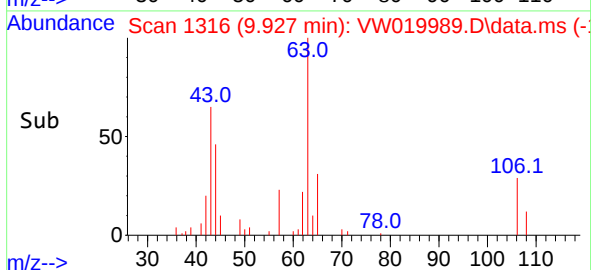
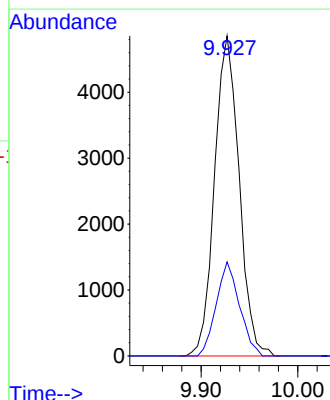
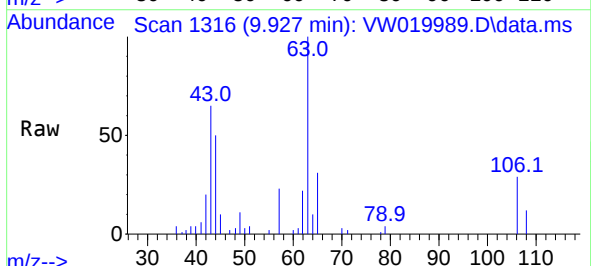
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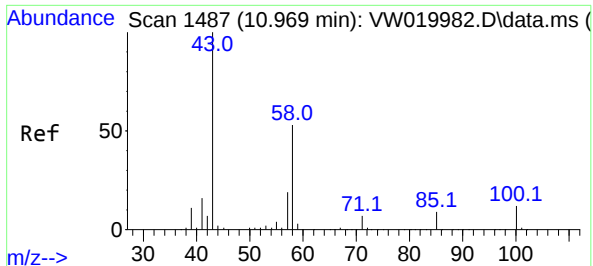
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9/8/2021 7:12:00 PM



#58
2-Chloroethyl Vinyl ether
Concen: 9.766 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 63 Resp: 8557
Ion Ratio Lower Upper
63 100
106 27.8 22.9 34.3





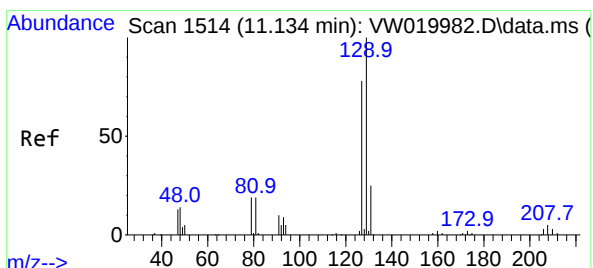
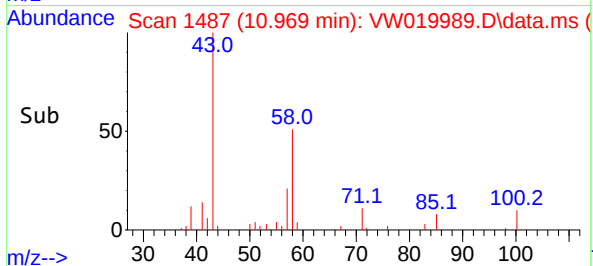
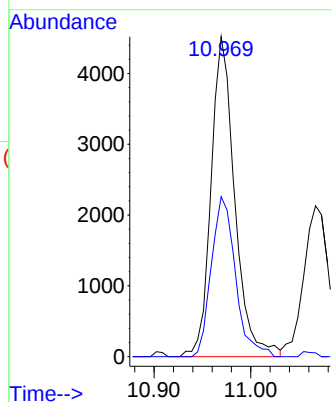
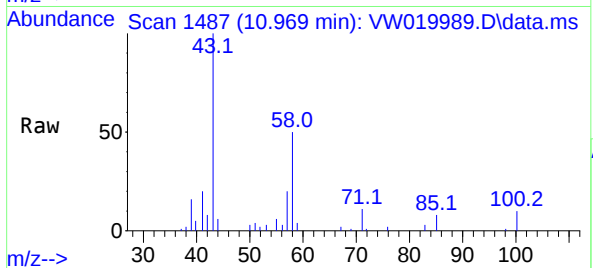
#59
2-Hexanone
Concen: 9.473 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 43 Resp: 7675
Ion Ratio Lower Upper
43 100
58 51.0 27.4 82.0

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

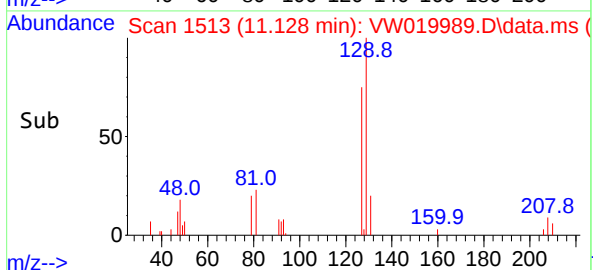
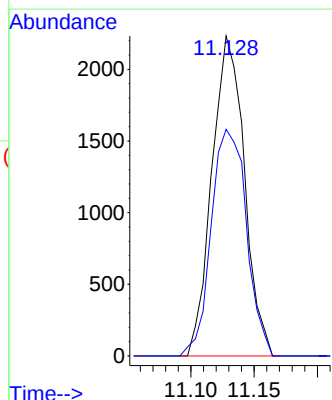
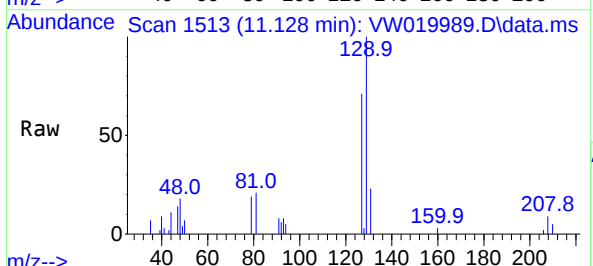
Manual Integrations
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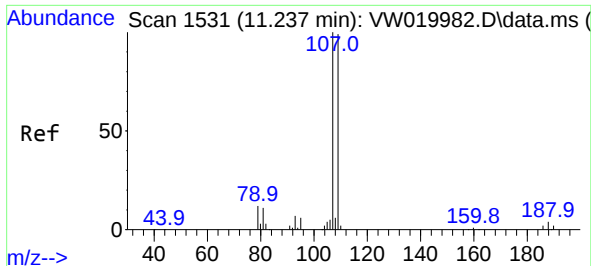
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#60
Dibromochloromethane
Concen: 2.003 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

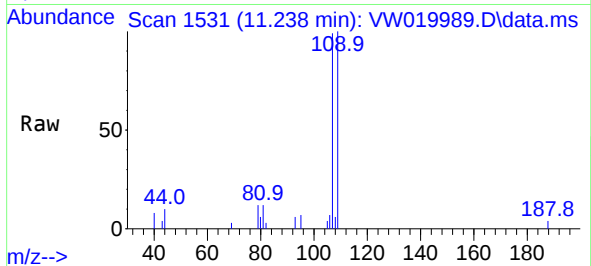
Tgt Ion: 129 Resp: 3979
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61
1,2-Dibromoethane
Concen: 2.142 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

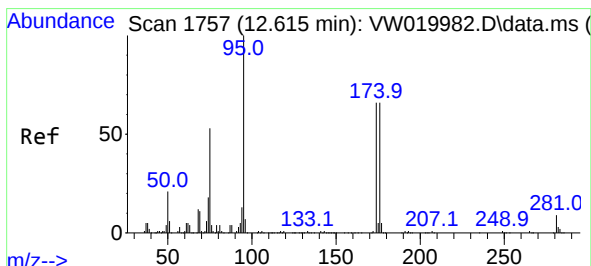
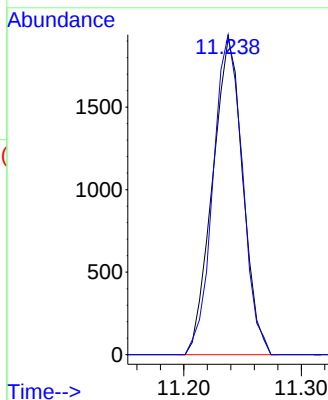
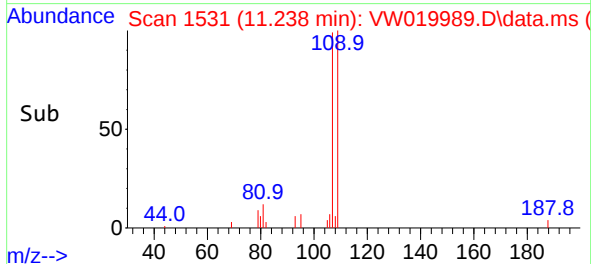
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



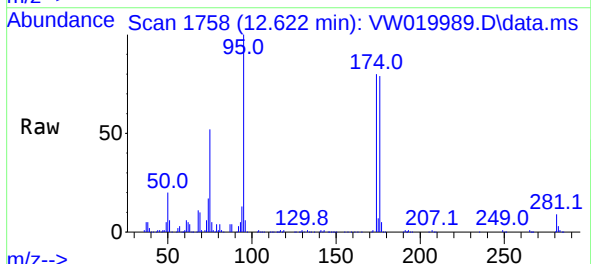
Tgt Ion:107 Resp: 3442
Ion Ratio Lower Upper
107 100
109 98.0 76.4 114.6

Manual Integrations
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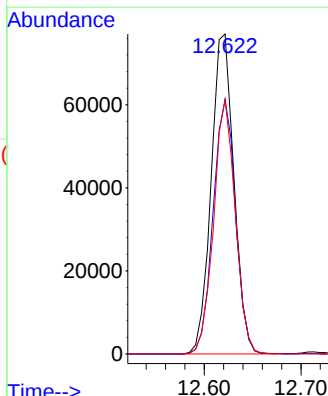
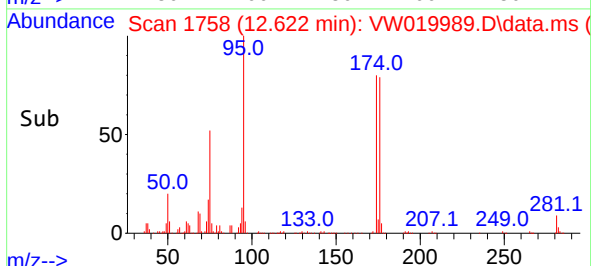
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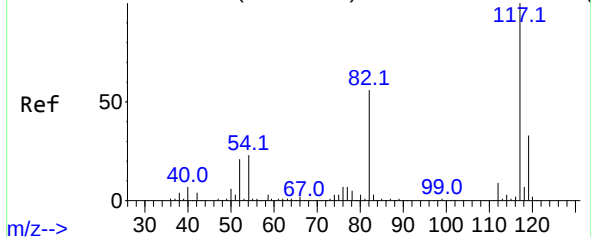
#62
4-Bromofluorobenzene
Concen: 43.756 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion: 95 Resp: 125886
Ion Ratio Lower Upper
95 100
174 78.3 0.0 145.2
176 75.4 0.0 146.4



Abundance Scan 1596 (11.634 min): VW019982.D\data.ms (



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

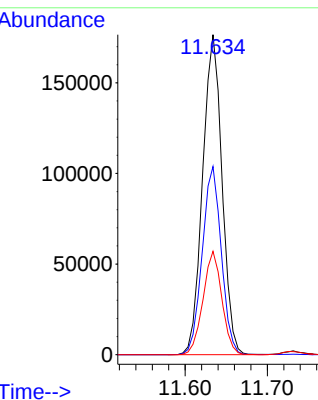
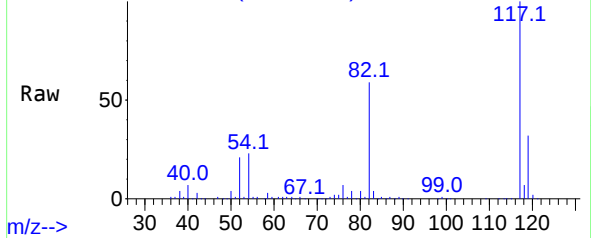
Tgt Ion:117 Resp: 289492
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.3 26.2 39.2

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

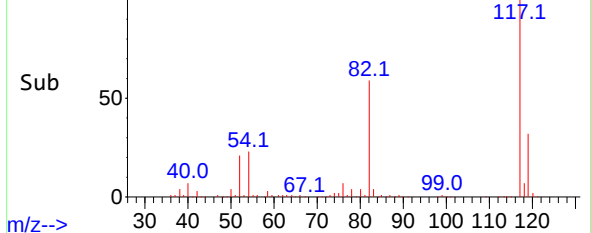
Manual Integrations
APPROVED

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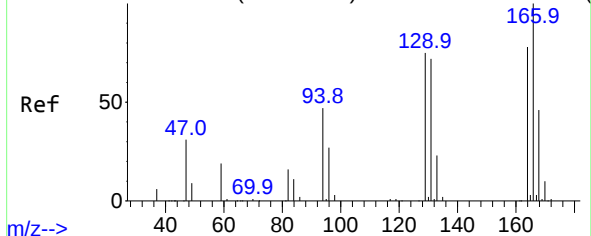
Abundance Scan 1596 (11.634 min): VW019989.D\data.ms



Abundance Scan 1596 (11.634 min): VW019989.D\data.ms (



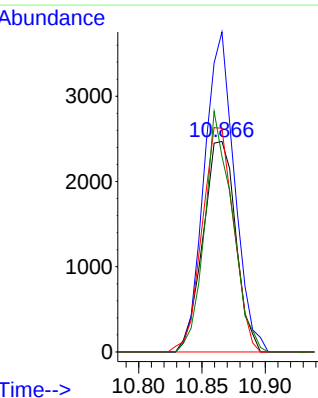
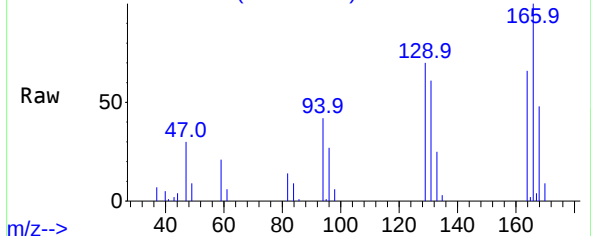
Abundance Scan 1470 (10.866 min): VW019982.D\data.ms (



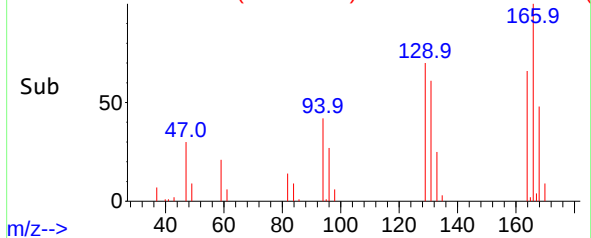
#64
Tetrachloroethene
Concen: 2.207 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

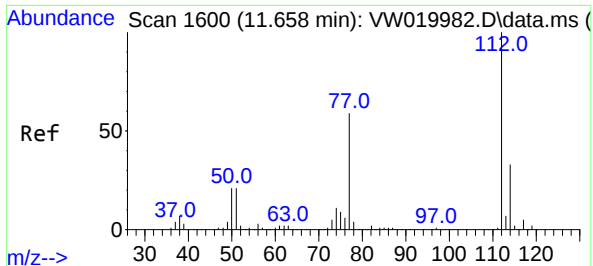
Tgt Ion:164 Resp: 4434
Ion Ratio Lower Upper
164 100
166 152.0 103.1 154.7
129 106.2 77.7 116.5
131 92.9 74.6 112.0

Abundance Scan 1470 (10.866 min): VW019989.D\data.ms



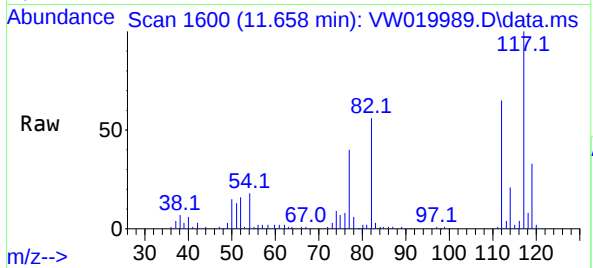
Abundance Scan 1470 (10.866 min): VW019989.D\data.ms (





#65
Chlorobenzene
Concen: 2.269 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

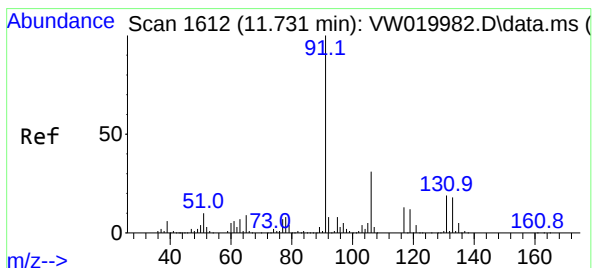
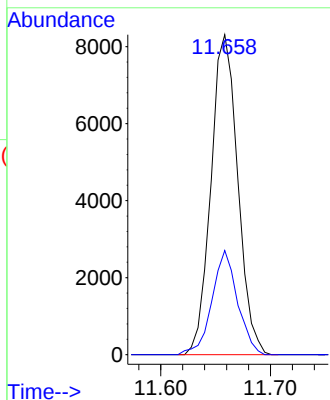
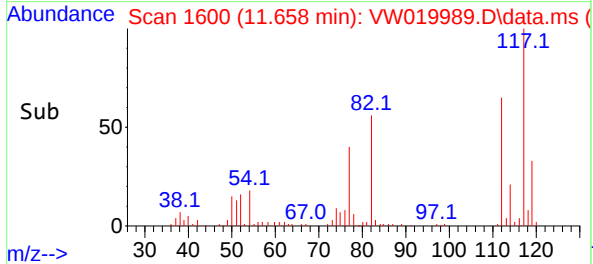
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



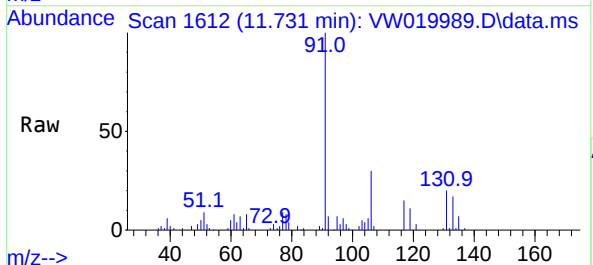
Tgt Ion:112 Resp: 14118
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1

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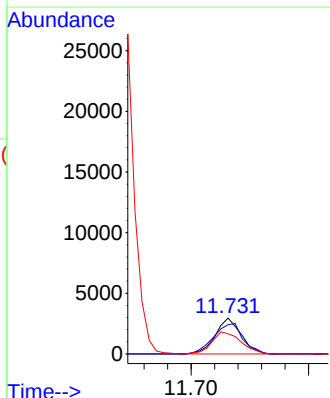
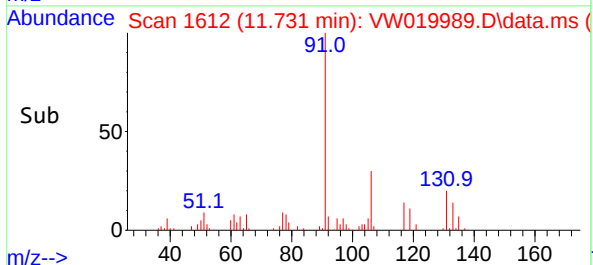
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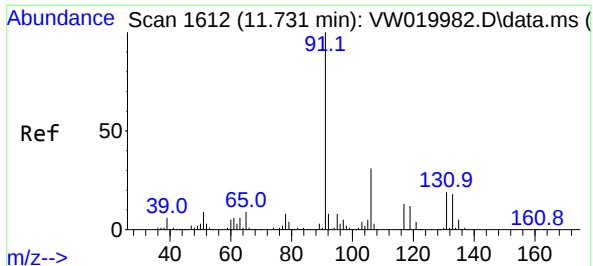


#66
1,1,1,2-Tetrachloroethane
Concen: 2.028 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



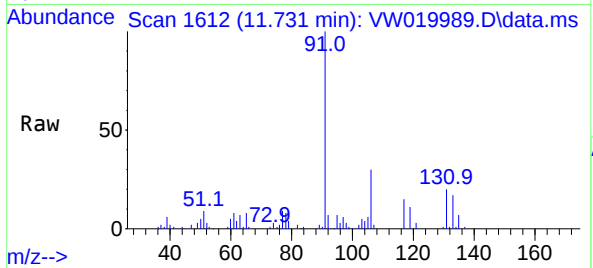
Tgt Ion:131 Resp: 4497
Ion Ratio Lower Upper
131 100
133 96.9 46.6 139.8
119 69.2 32.8 98.4





#67
Ethyl Benzene
Concen: 2.030 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

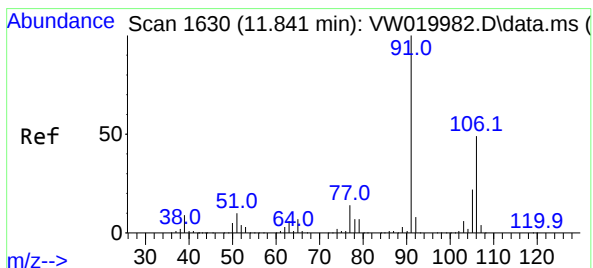
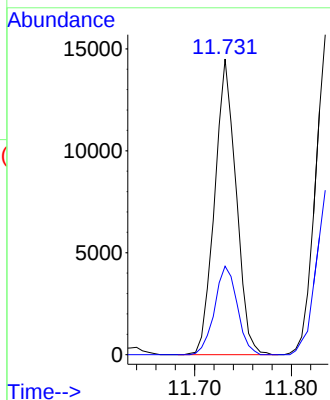
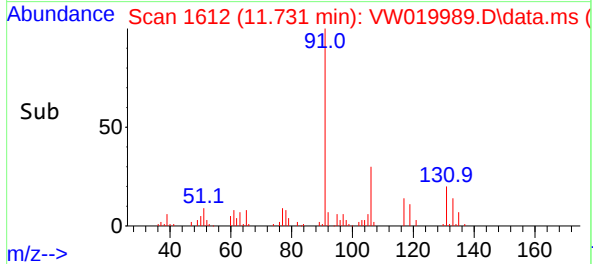
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



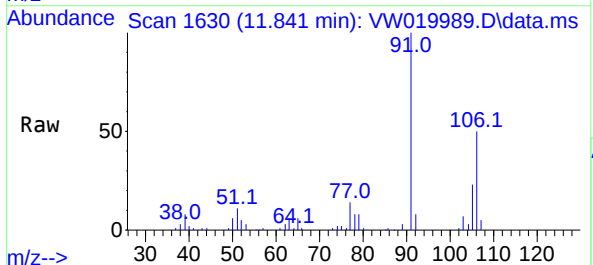
Tgt Ion: 91 Resp: 22280
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1

Manual Integrations
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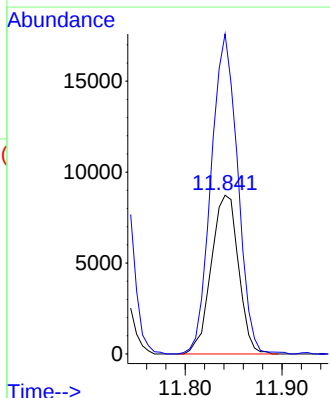
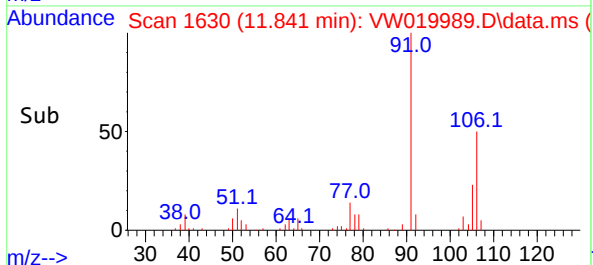
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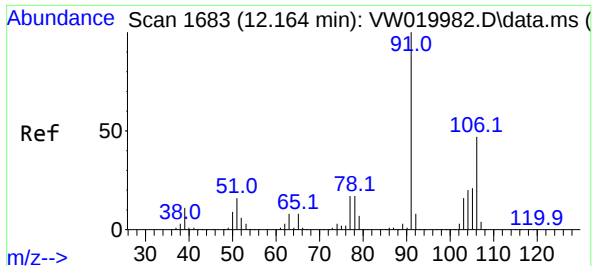


#68
m/p-Xylenes
Concen: 3.942 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



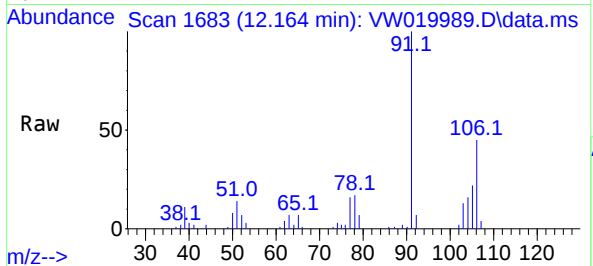
Tgt Ion: 106 Resp: 17076
Ion Ratio Lower Upper
106 100
91 196.5 166.8 250.2





#69
o-Xylene
Concen: 1.866 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

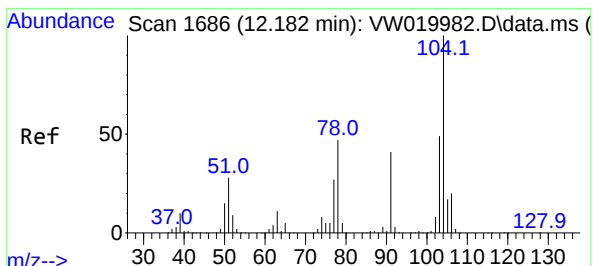
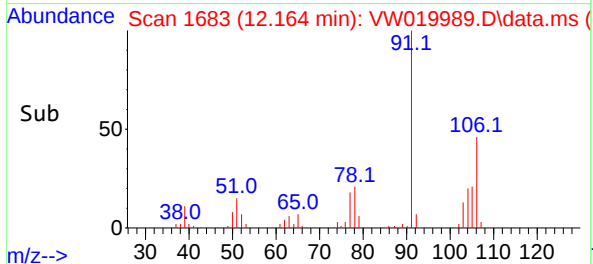
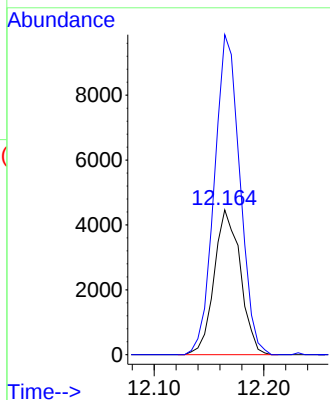
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



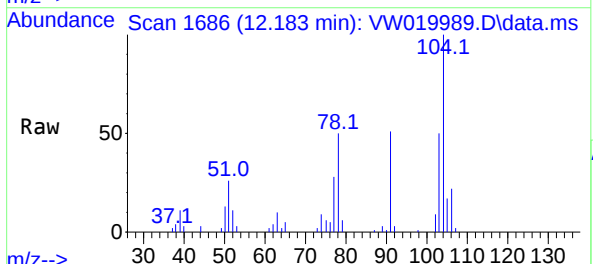
Tgt Ion:106 Resp: 7407
Ion Ratio Lower Upper
106 100
91 215.9 109.2 327.6

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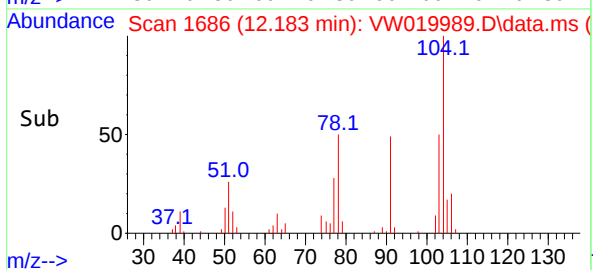
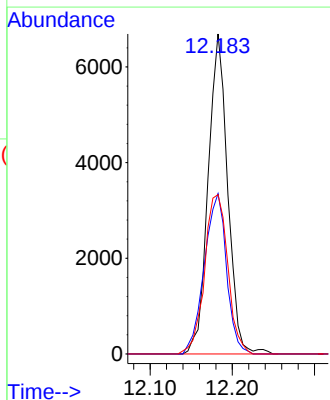
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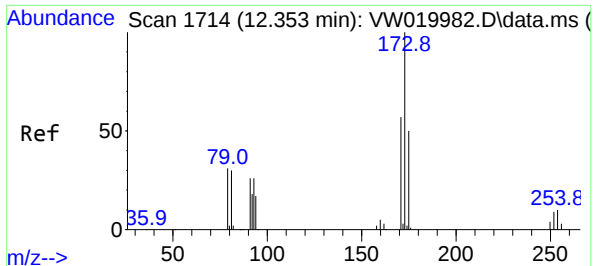


#70
Styrene
Concen: 1.641 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion:104 Resp: 11041
Ion Ratio Lower Upper
104 100
78 56.9 42.6 63.8
103 59.2 43.8 65.6





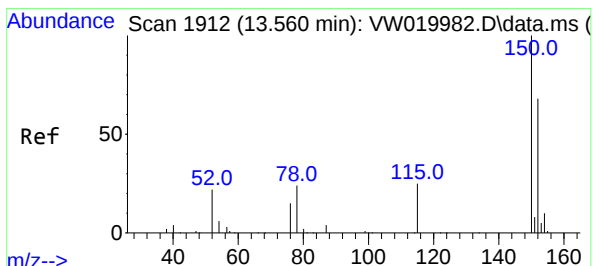
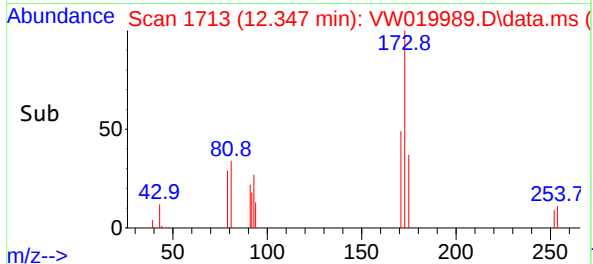
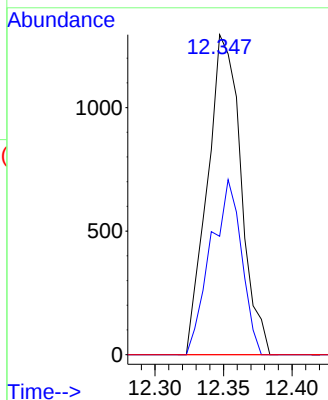
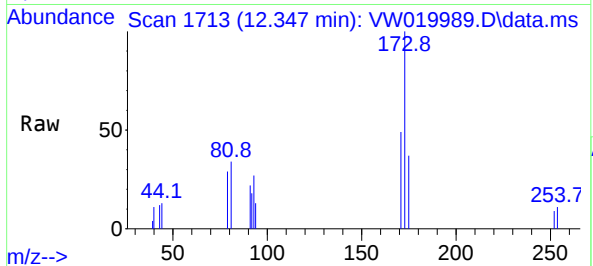
#71
Bromoform
Concen: 2.015 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	173	Resp:	2200
Ion Ratio	Lower	Upper	
173	100		
175	50.5	24.6	73.8
254	0.0	0.0	0.0

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

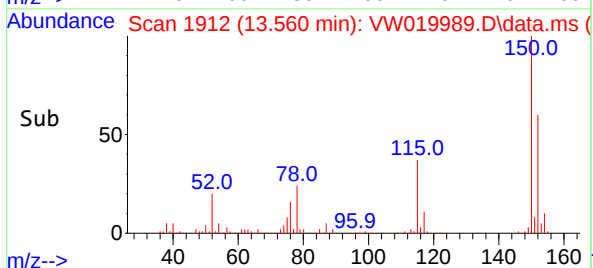
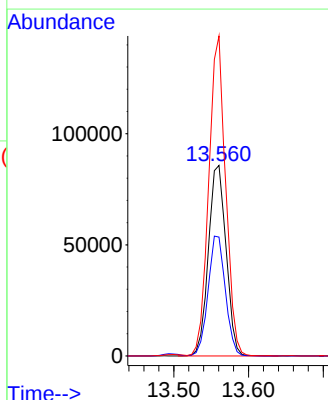
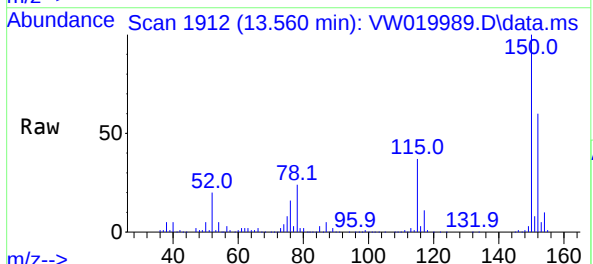
Manual Integrations
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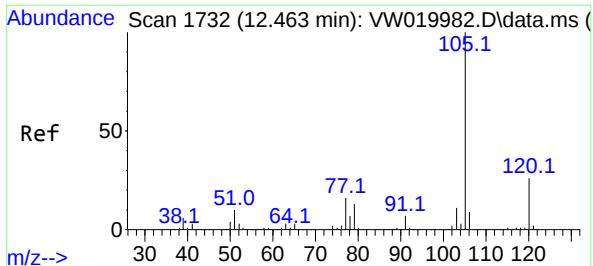
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	152	Resp:	140844
Ion Ratio	Lower	Upper	
152	100		
115	61.6	30.8	92.3
150	160.5	0.0	359.2





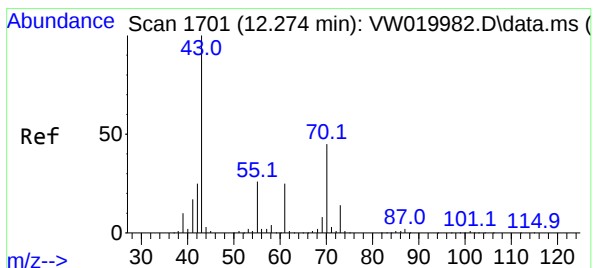
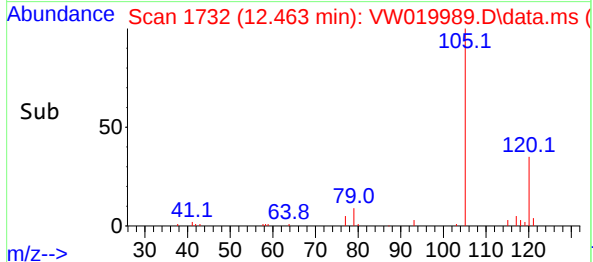
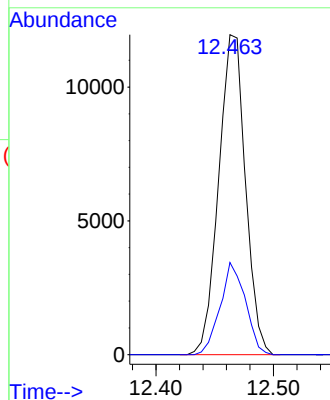
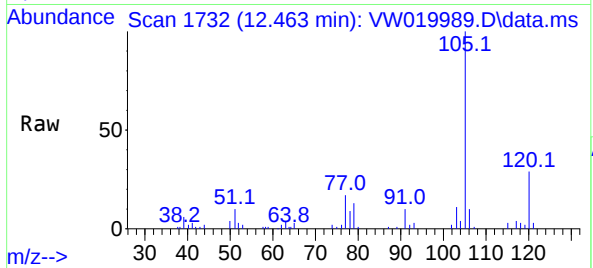
#73
Isopropylbenzene
Concen: 1.901 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 105 Resp: 18947
Ion Ratio Lower Upper
105 100
120 27.1 13.0 39.0

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

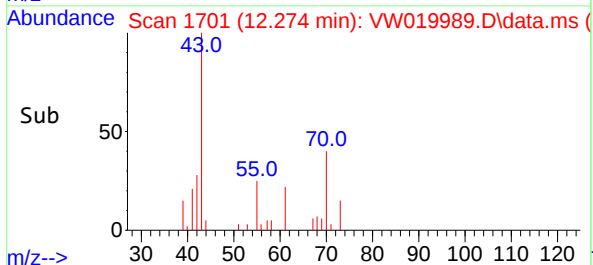
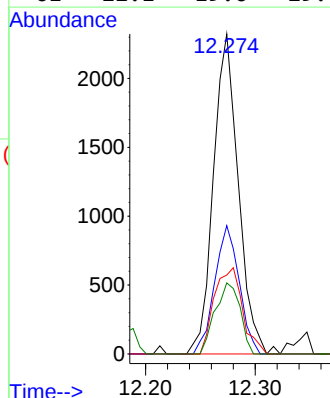
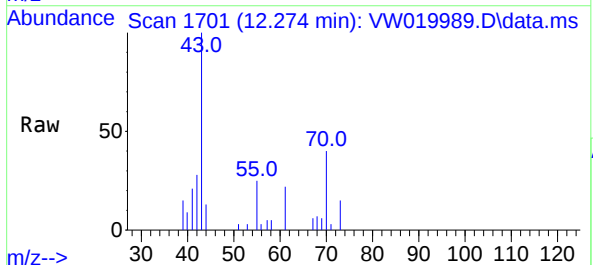
Manual Integrations
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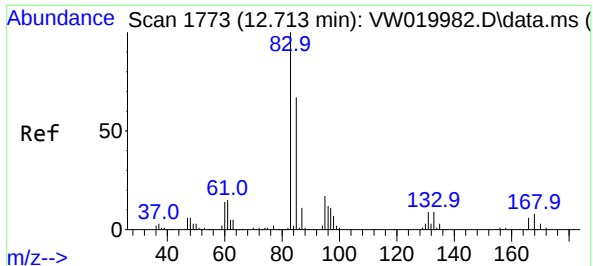
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9/8/2021 7:12:00 PM



#74
N-ethyl acetate
Concen: 1.793 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
70 39.5 35.1 52.7
55 30.4 21.4 32.2
61 22.1 19.6 29.4





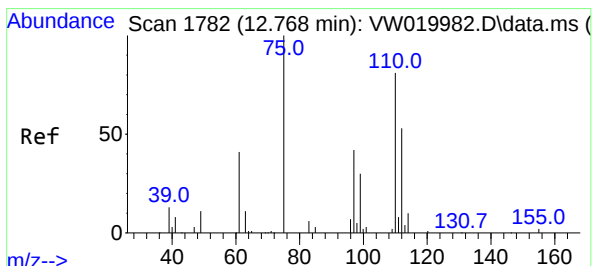
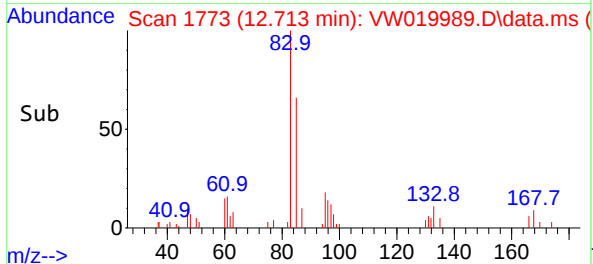
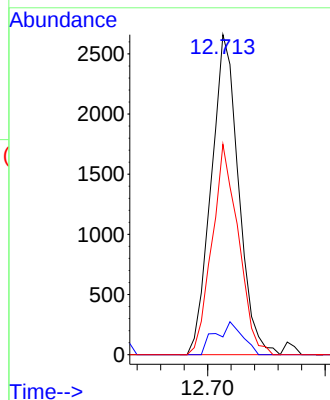
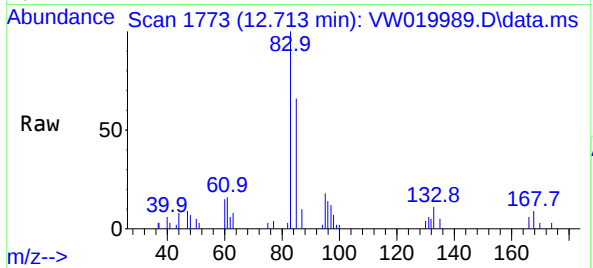
#75
1,1,2,2-Tetrachloroethane
Concen: 2.350 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	83	Resp:	4300
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.8
85	63.4	32.8	98.4

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

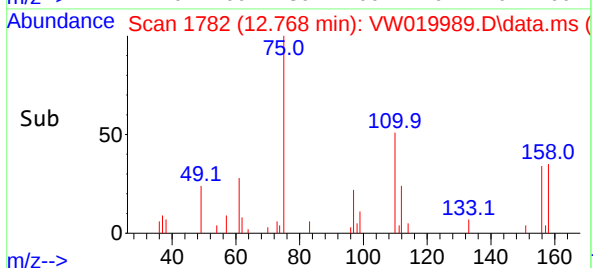
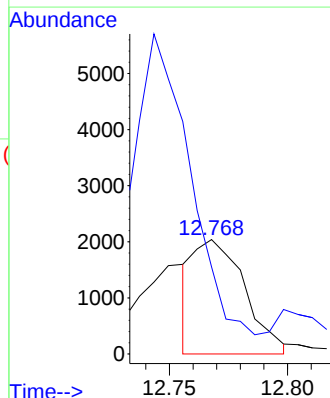
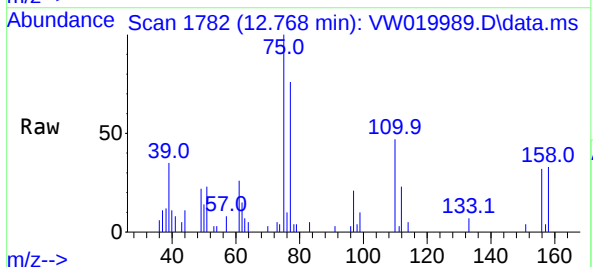
Manual Integrations
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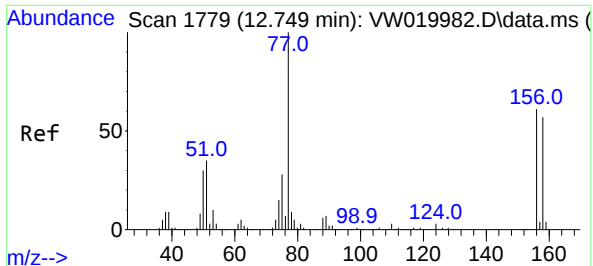
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#76
1,2,3-Trichloropropane
Concen: 2.345 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	75	Resp:	3068
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





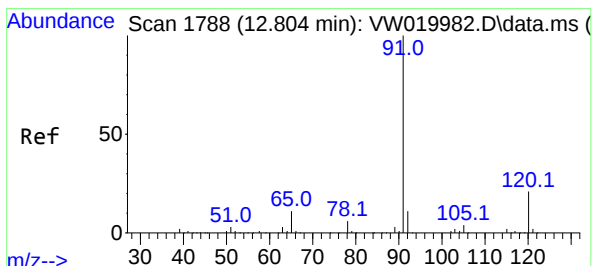
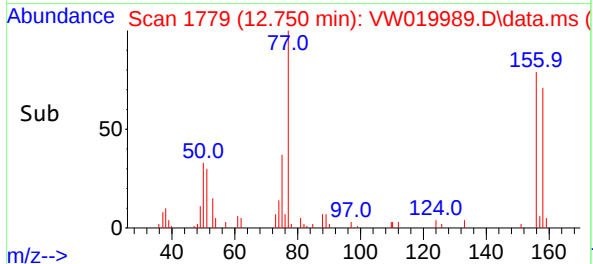
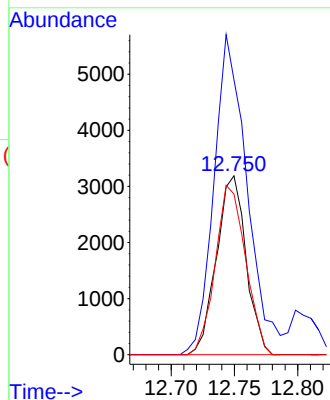
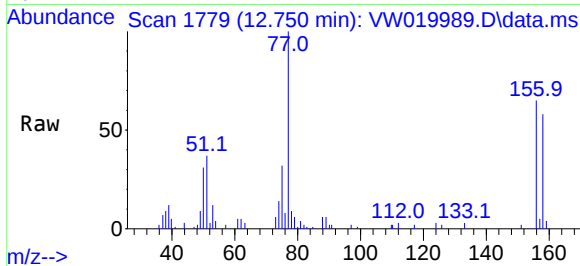
#77
Bromobenzene
Concen: 2.243 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	156	Resp:	5185
Ion Ratio	Lower	Upper	
156	100		
77	199.3	96.6	289.8
158	97.3	48.6	145.9

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

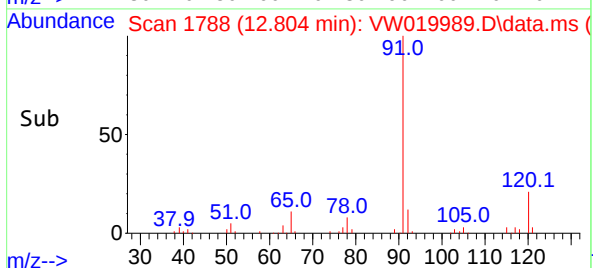
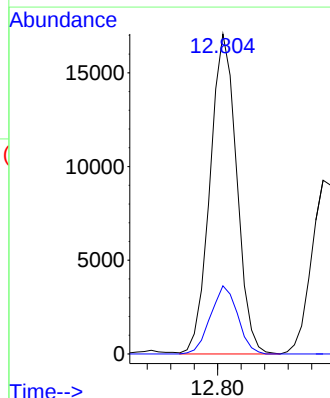
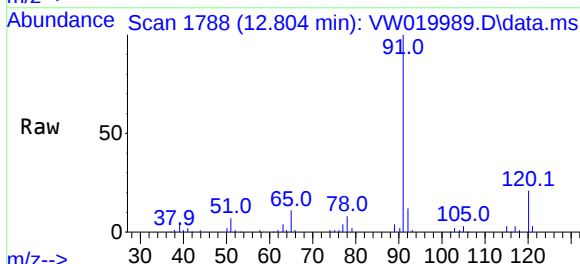
Manual Integrations
APPROVED

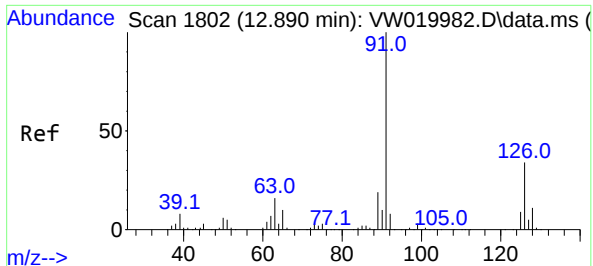
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#78
n-propylbenzene
Concen: 2.145 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion:	91	Resp:	26913
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.9	32.7





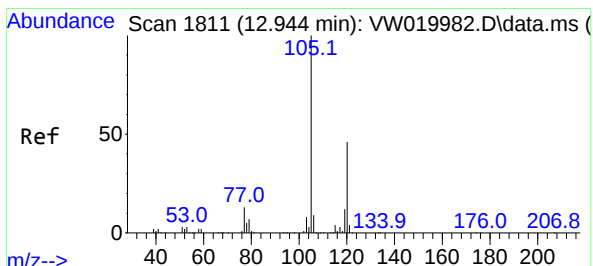
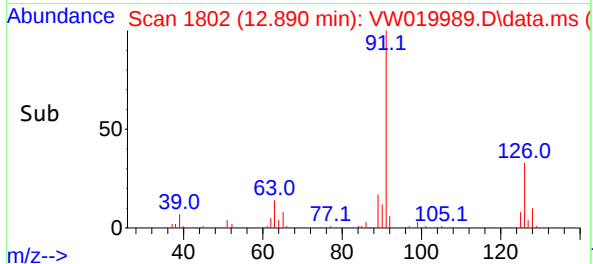
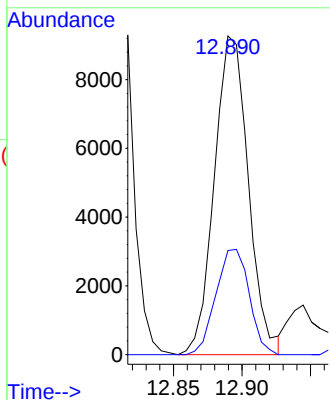
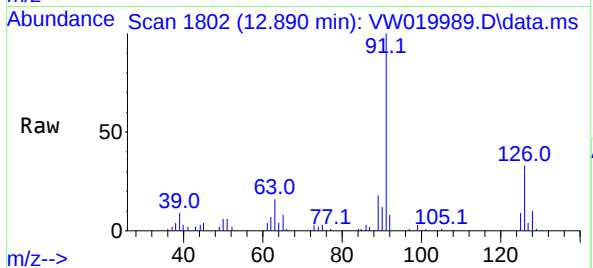
#79
2-Chlorotoluene
Concen: 2.193 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 91 Resp: 16019
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.2

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

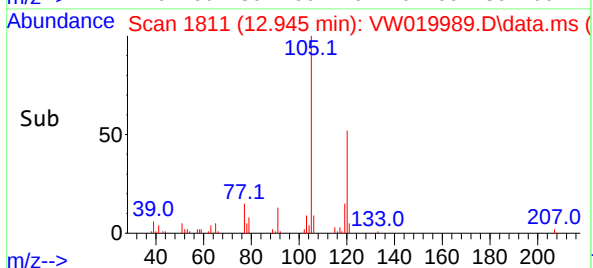
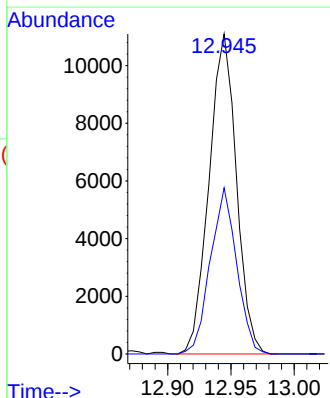
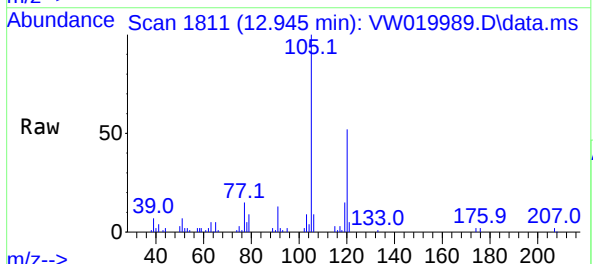
Manual Integrations
APPROVED

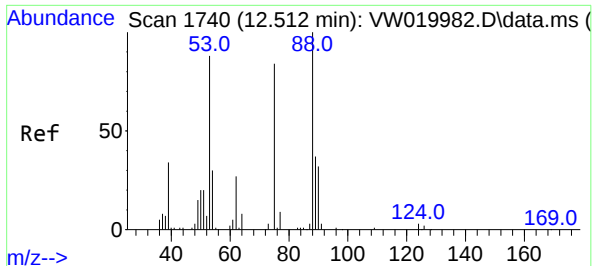
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#80
1,3,5-Trimethylbenzene
Concen: 1.899 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

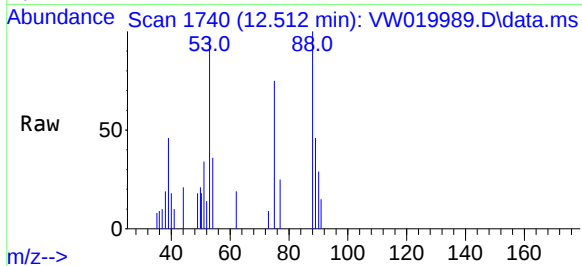
Tgt Ion: 105 Resp: 16682
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 1.847 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

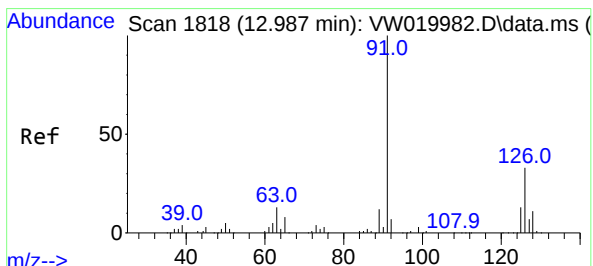
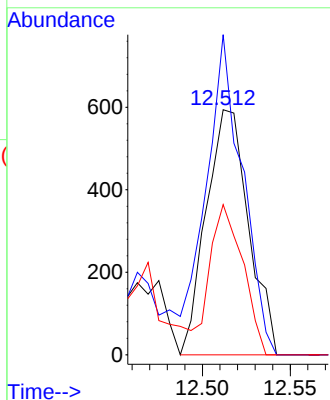
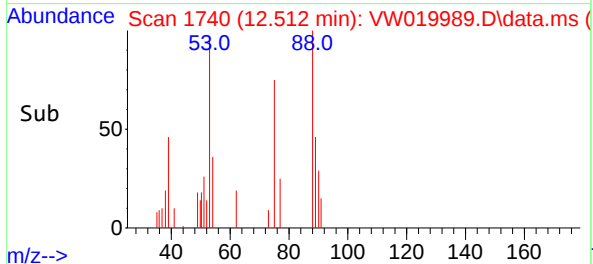
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



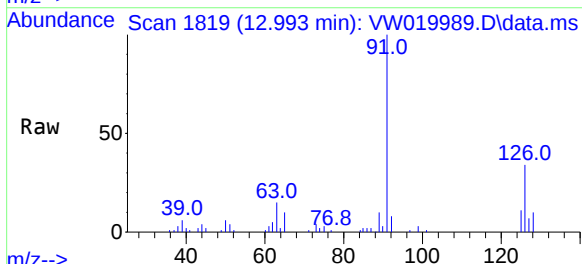
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.1	129.1#
89	15.3	37.7	56.5#

Manual Integrations
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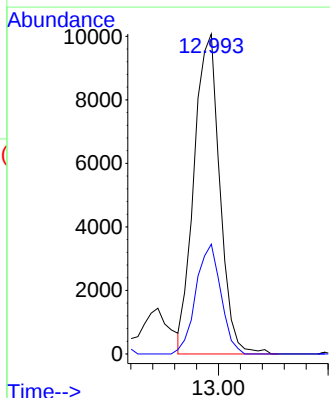
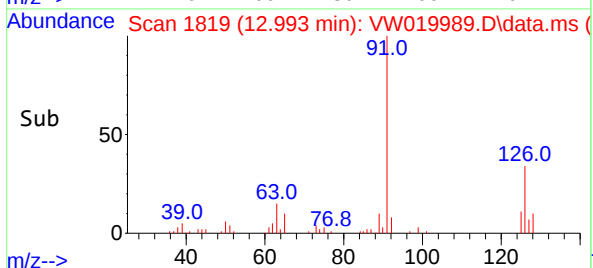
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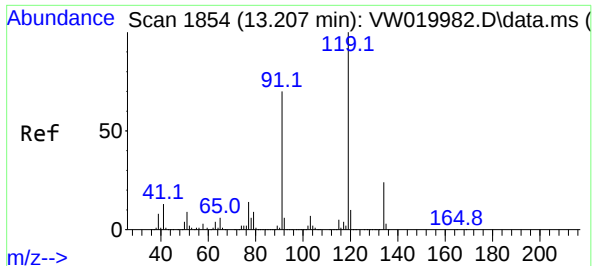


#82
4-Chlorotoluene
Concen: 2.140 ug/l
RT: 12.993 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



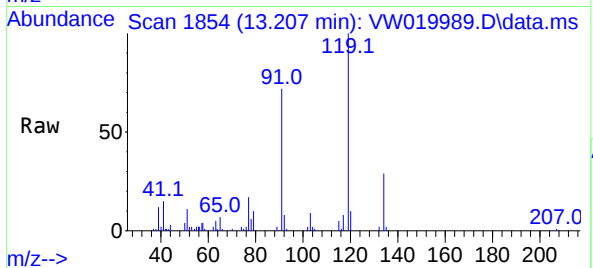
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.1	48.2





#83
tert-Butylbenzene
Concen: 1.941 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

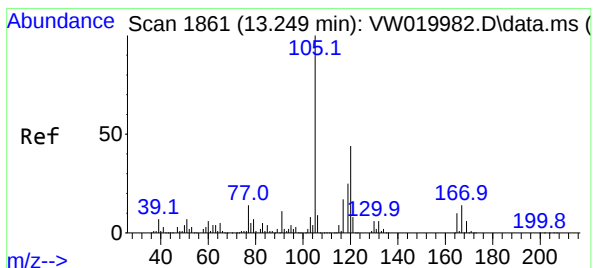
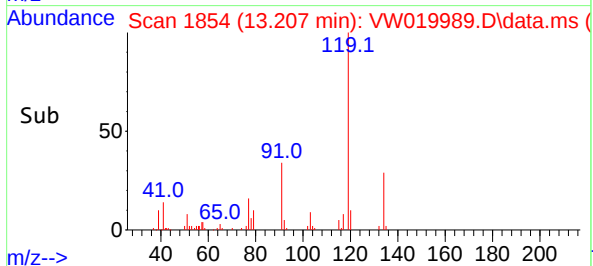
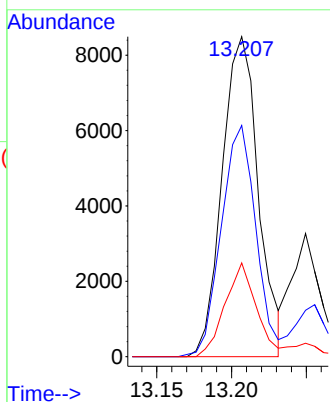
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



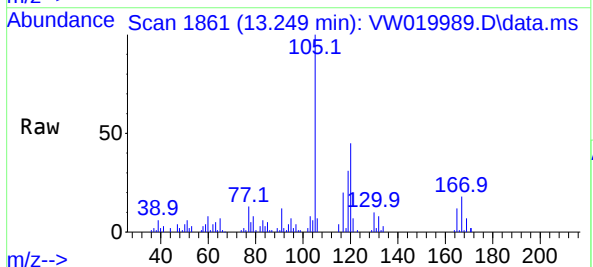
Tgt Ion:119 Resp: 14286
Ion Ratio Lower Upper
119 100
91 69.0 35.0 105.0
134 26.0 12.4 37.2

Manual Integrations
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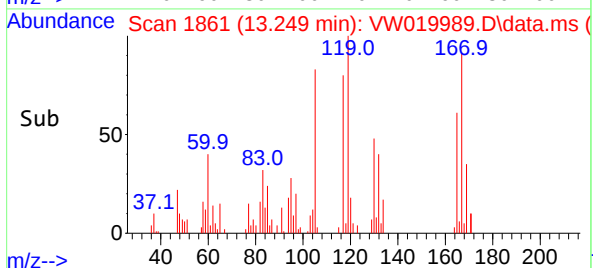
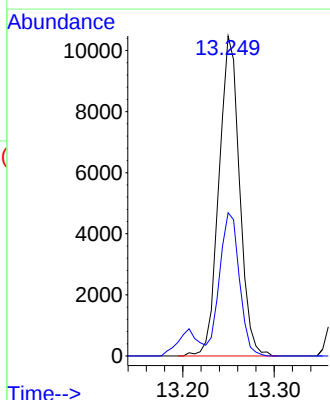
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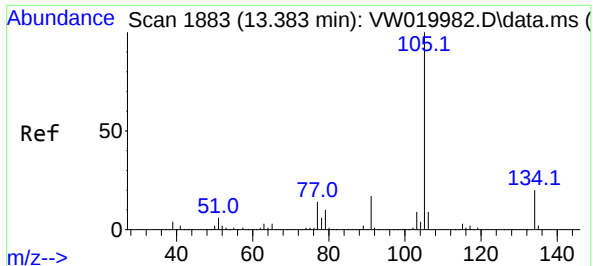


#84
1,2,4-Trimethylbenzene
Concen: 1.907 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



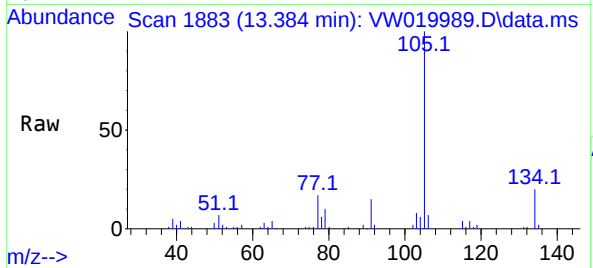
Tgt Ion:105 Resp: 16404
Ion Ratio Lower Upper
105 100
120 43.1 21.4 64.3





#85
sec-Butylbenzene
Concen: 1.985 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

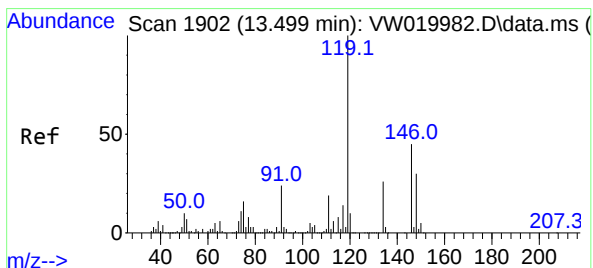
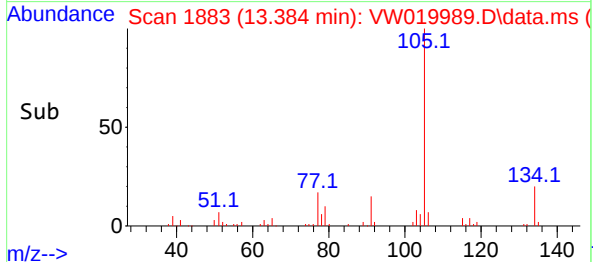
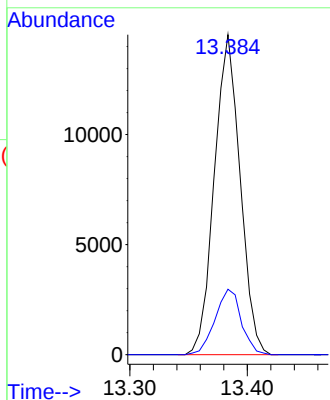
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



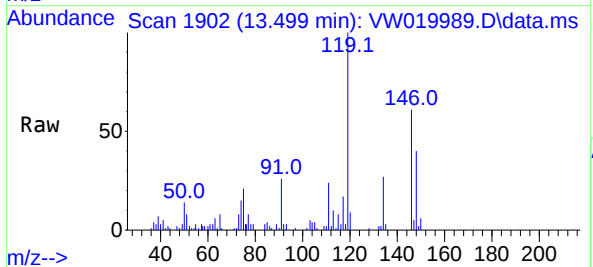
Tgt Ion:105 Resp: 22170
Ion Ratio Lower Upper
105 100
134 20.8 10.1 30.1

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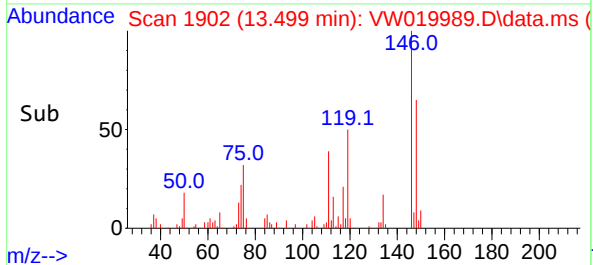
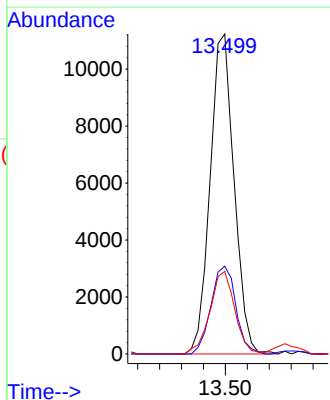
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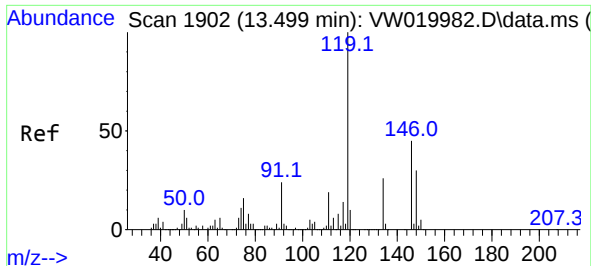


#86
p-Isopropyltoluene
Concen: 1.816 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



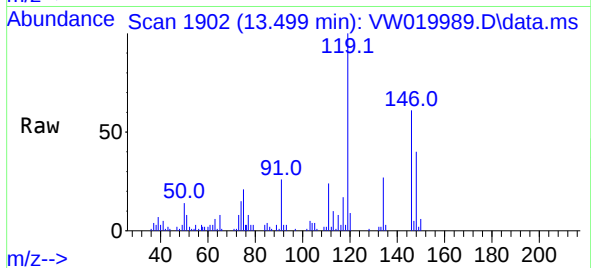
Tgt Ion:119 Resp: 17080
Ion Ratio Lower Upper
119 100
134 28.4 12.8 38.4
91 26.7 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 2.217 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

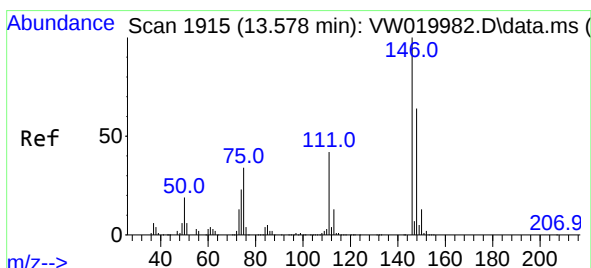
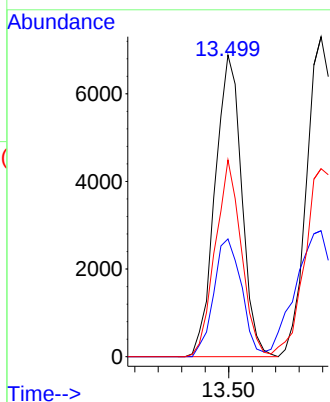
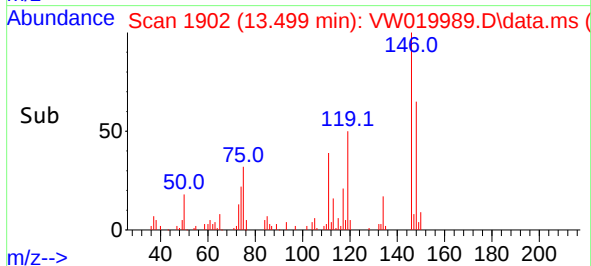
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



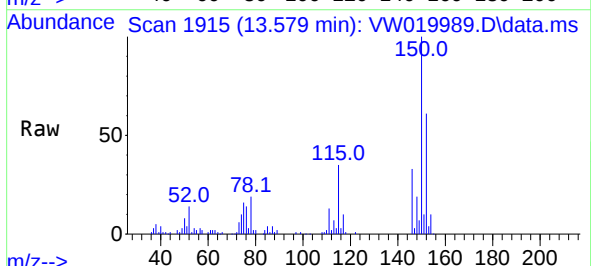
Tgt Ion:146 Resp: 10869
Ion Ratio Lower Upper
146 100
111 40.8 21.4 64.2
148 64.0 32.0 96.2

Manual Integrations
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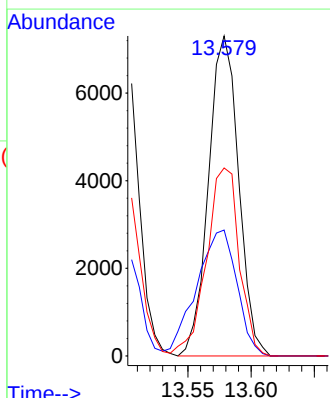
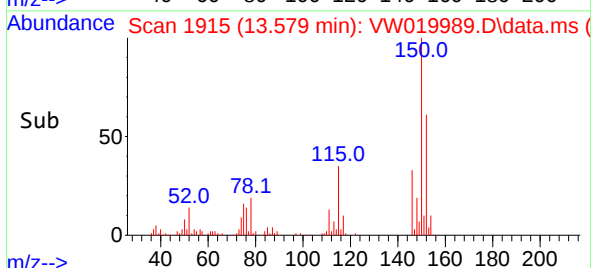
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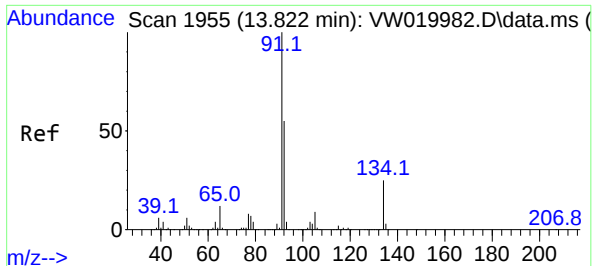


#88
1,4-Dichlorobenzene
Concen: 2.487 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



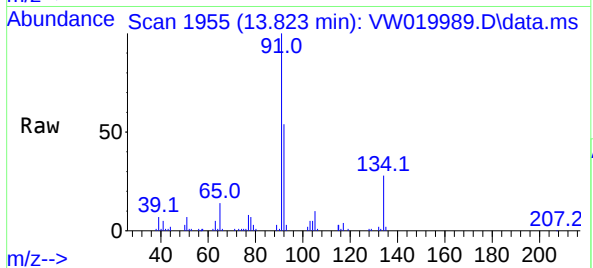
Tgt Ion:146 Resp: 12097
Ion Ratio Lower Upper
146 100
111 52.9 20.9 62.8
148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 1.990 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

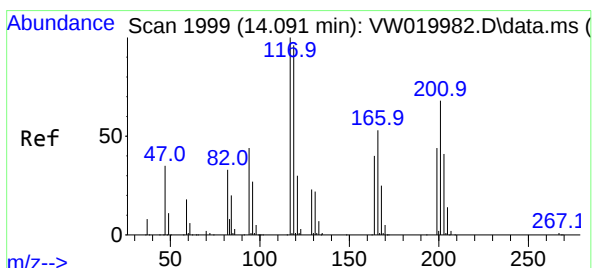
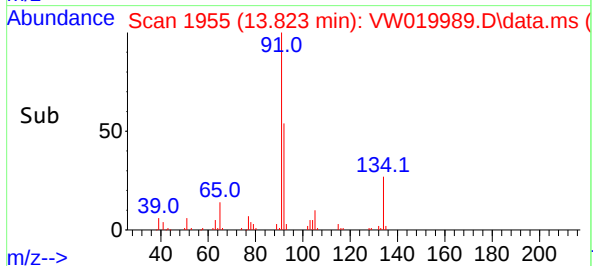
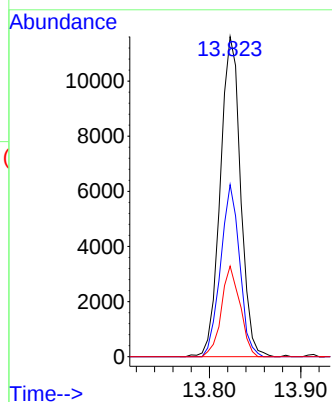
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 91 Resp: 17933
Ion Ratio Lower Upper
91 100
92 50.5 27.1 81.3
134 26.0 12.4 37.2

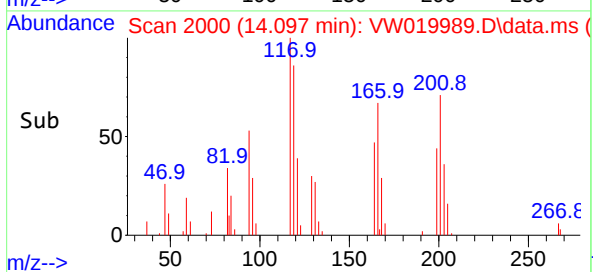
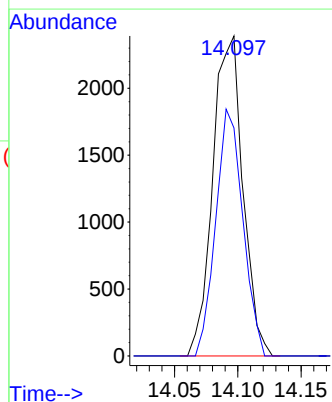
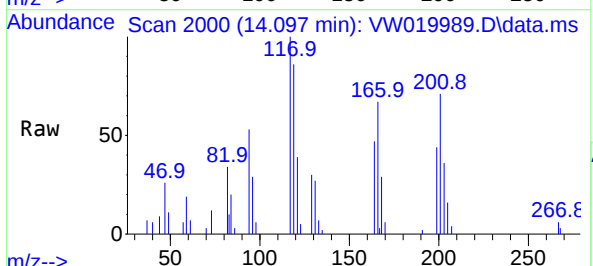
Manual Integrations
APPROVED

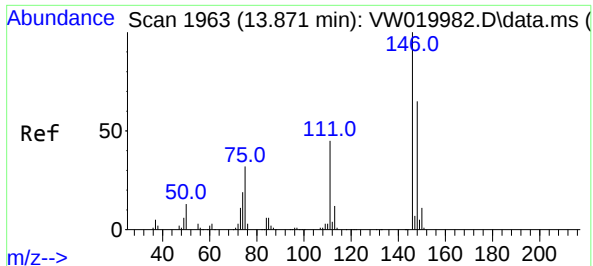
MMDadoda
9/8/2021 7:12:00 PM



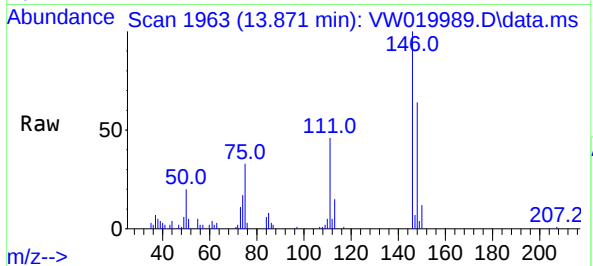
#90
Hexachloroethane
Concen: 2.204 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

Tgt Ion: 117 Resp: 3961
Ion Ratio Lower Upper
117 100
201 69.3 34.7 104.1

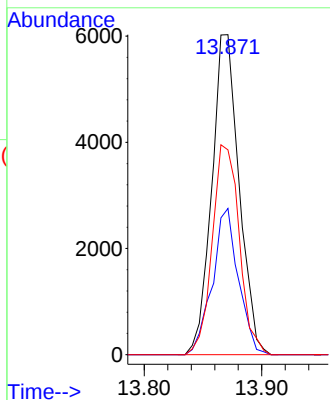




#91
1,2-Dichlorobenzene
Concen: 2.289 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



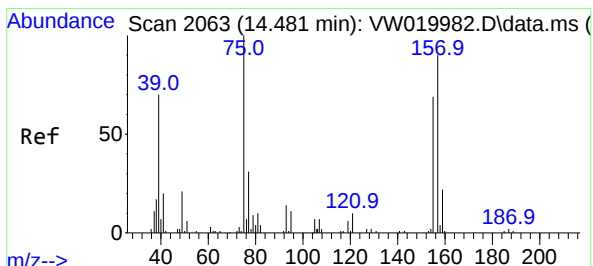
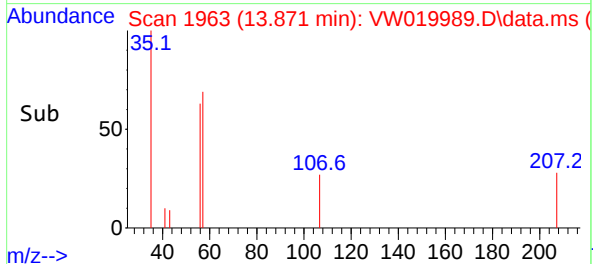
Tgt Ion:	146	Resp:	9747
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.8	65.4
148	65.0	31.9	95.5



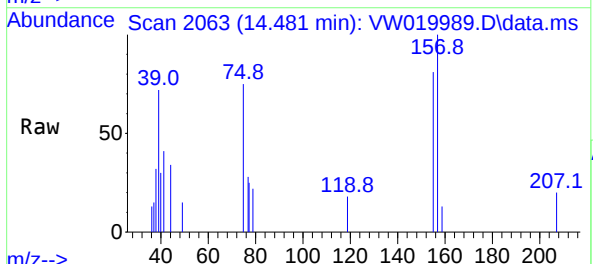
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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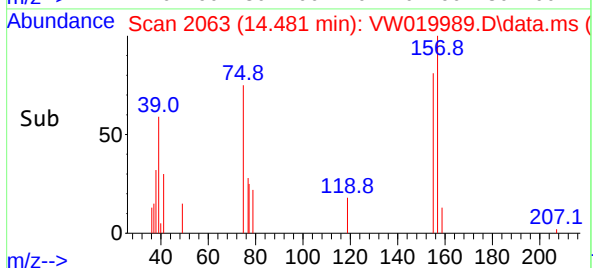
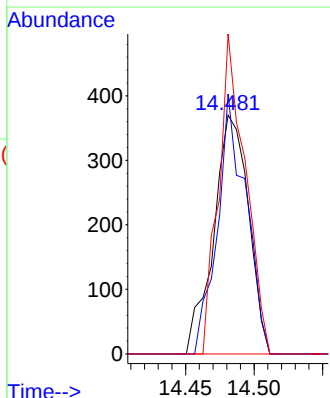
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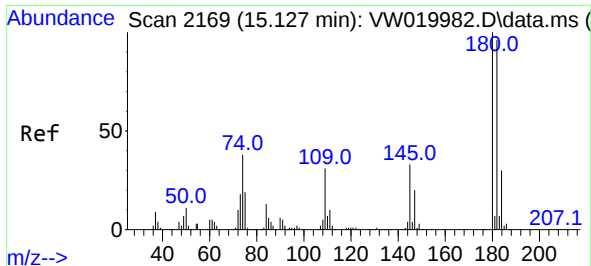


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.178 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



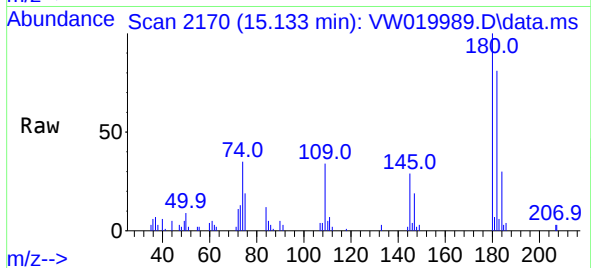
Tgt Ion:	75	Resp:	654
Ion Ratio	Lower	Upper	
75	100		
155	89.0	37.6	112.9
157	103.4	47.6	142.8





#93
1,2,4-Trichlorobenzene
Concen: 2.437 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

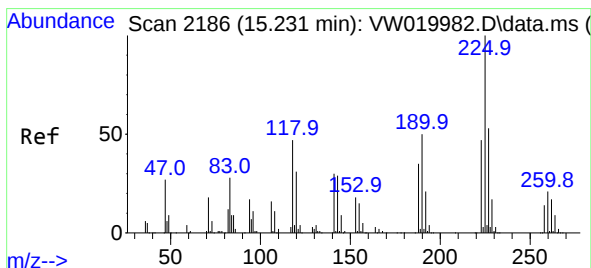
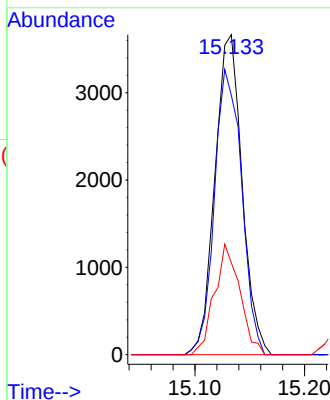
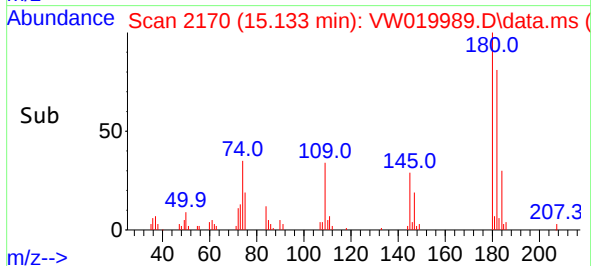
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



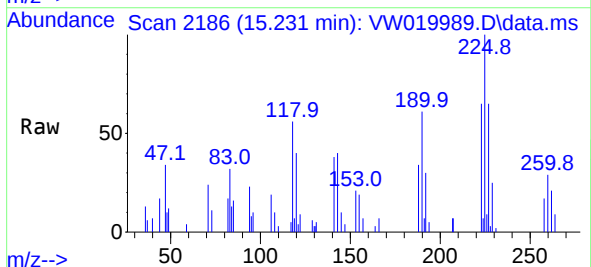
Tgt Ion:180 Resp: 6327
Ion Ratio Lower Upper
180 100
182 89.2 47.0 141.0
145 32.3 16.3 48.9

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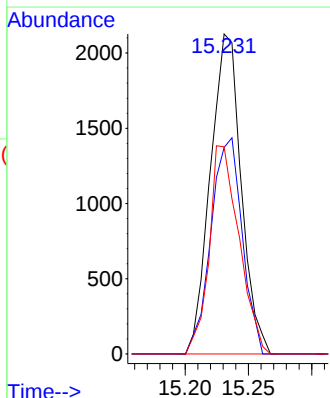
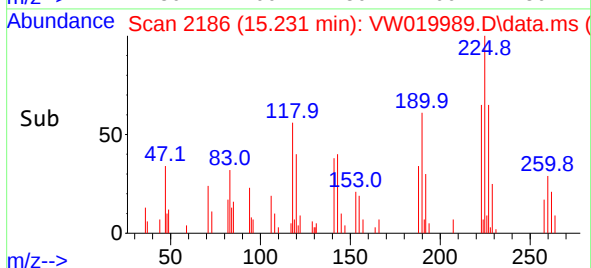
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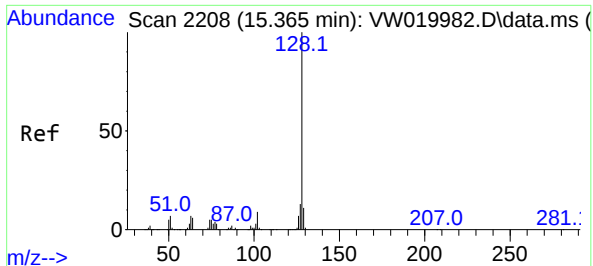


#94
Hexachlorobutadiene
Concen: 2.336 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



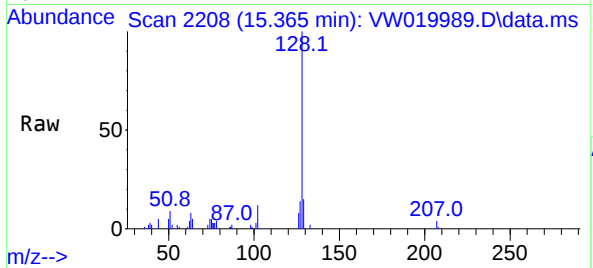
Tgt Ion:225 Resp: 3602
Ion Ratio Lower Upper
225 100
223 68.1 30.2 90.6
227 63.1 30.1 90.5





#95
Naphthalene
Concen: 2.022 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07

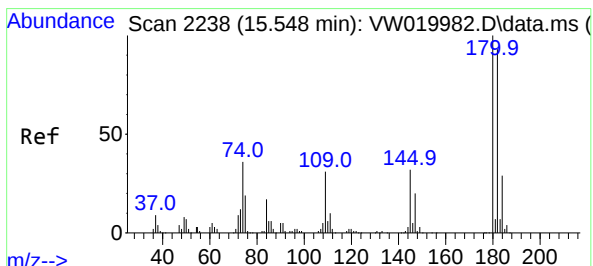
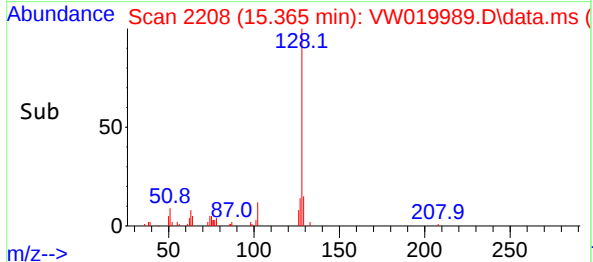
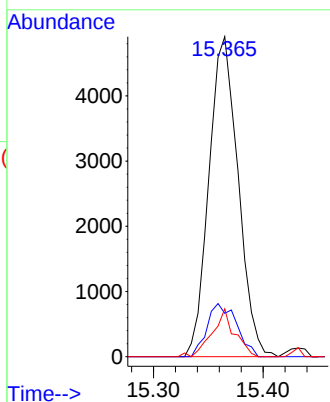
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



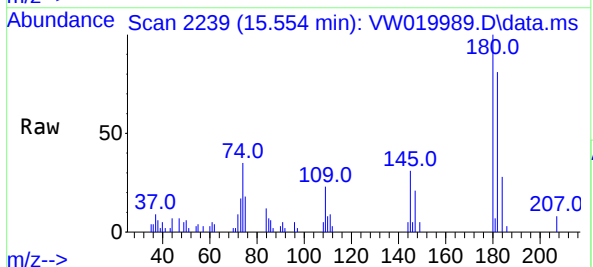
Tgt Ion:128 Resp: 9080
Ion Ratio Lower Upper
128 100
127 16.8 10.4 15.6#
129 11.5 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 2.386 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019989.D
Acq: 07 Sep 2021 18:07



Tgt Ion:180 Resp: 5429
Ion Ratio Lower Upper
180 100
182 91.5 47.9 143.7
145 34.3 16.4 49.2

