

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019668.D
 Acq On : 03 Aug 2021 19:06
 Operator : SY/VA
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
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 8/4/2021 7:04:42 PM

Quant Time: Aug 04 07:03:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 04 07:01:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	626726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	1034497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	942695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	473648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	386386	48.458	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.920%		
35) Dibromofluoromethane	7.891	113	329110	48.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.260%		
50) Toluene-d8	10.323	98	1293923	48.421	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.840%		
62) 4-Bromofluorobenzene	12.615	95	466721	48.951	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	20263	5.763	ug/l	90
3) Chloromethane	2.221	50	28251	5.899	ug/l	99
4) Vinyl Chloride	2.367	62	37126	5.324	ug/l	92
5) Bromomethane	2.782	94	27262	5.223	ug/l	89
6) Chloroethane	2.934	64	22646	5.108	ug/l	88
7) Trichlorofluoromethane	3.263	101	26248	4.957	ug/l	100
8) Diethyl Ether	3.690	74	17224	5.256	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.074	101	32914	5.199	ug/l	97
10) Methyl Iodide	4.281	142	40110	4.918	ug/l	95
11) Tert butyl alcohol	5.165	59	13160	38.641	ug/l #	84
12) 1,1-Dichloroethene	4.044	96	31822	5.096	ug/l	97
13) Acrolein	3.903	56	8211	24.153	ug/l	96
14) Allyl chloride	4.678	41	45619	5.064	ug/l	91
15) Acrylonitrile	5.373	53	38046	26.978	ug/l	97
16) Acetone	4.129	43	41645	35.349	ug/l	96
17) Carbon Disulfide	4.391	76	88044	5.331	ug/l	98
18) Methyl Acetate	4.678	43	25407	7.243	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	47692	5.194	ug/l	98
20) Methylene Chloride	4.922	84	210998	20.684	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	34322	4.960	ug/l	96
22) Diisopropyl ether	6.318	45	92198	4.805	ug/l	92
23) Vinyl Acetate	6.263	43	249031	22.254	ug/l	97
24) 1,1-Dichloroethane	6.220	63	65955	4.980	ug/l	99
25) 2-Butanone	7.183	43	46302	27.180	ug/l	98
26) 2,2-Dichloropropane	7.171	77	37995	5.169	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	37761	4.951	ug/l	97
28) Bromochloromethane	7.519	49	26098	5.001	ug/l	99
29) Tetrahydrofuran	7.543	42	29635	27.132	ug/l	98
30) Chloroform	7.677	83	67882	5.051	ug/l	96
31) Cyclohexane	7.958	56	67255	5.757	ug/l #	73
32) 1,1,1-Trichloroethane	7.872	97	53079	5.088	ug/l	99
36) 1,1-Dichloropropene	8.086	75	51636	5.093	ug/l	99
37) Ethyl Acetate	7.257	43	22318	5.676	ug/l #	93
38) Carbon Tetrachloride	8.073	117	48305	5.143	ug/l	92
39) Methylcyclohexane	9.335	83	57236	4.915	ug/l	99
40) Benzene	8.329	78	143641	5.144	ug/l	98

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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	7.488	41	11333	5.114	ug/l #	89
42) 1,2-Dichloroethane	8.403	62	47203	5.401	ug/l	98
43) Isopropyl Acetate	8.427	43	38961	5.224	ug/l	99
44) Trichloroethene	9.098	130	37134	5.171	ug/l	100
45) 1,2-Dichloropropane	9.372	63	36651	5.183	ug/l	99
46) Dibromomethane	9.457	93	19309	5.163	ug/l	98
47) Bromodichloromethane	9.646	83	46387	4.967	ug/l	96
48) Methyl methacrylate	9.439	41	17168	5.179	ug/l	95
49) 1,4-Dioxane	9.451	88	5325	109.394	ug/l #	86
51) 4-Methyl-2-Pentanone	10.213	43	103568	26.542	ug/l	97
52) Toluene	10.390	92	91298	5.191	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	44646	4.896	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	51977	4.875	ug/l	94
55) 1,1,2-Trichloroethane	10.786	97	26651	5.098	ug/l	98
56) Ethyl methacrylate	10.646	69	30091	4.786	ug/l	93
57) 1,3-Dichloropropane	10.933	76	47537	5.148	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	71186	24.377	ug/l	98
59) 2-Hexanone	10.969	43	68720	26.120	ug/l	93
60) Dibromochloromethane	11.134	129	28470	5.007	ug/l	94
61) 1,2-Dibromoethane	11.238	107	25226	5.175	ug/l	97
64) Tetrachloroethene	10.866	164	30730	5.252	ug/l	93
65) Chlorobenzene	11.658	112	97047	5.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	31751	4.956	ug/l	99
67) Ethyl Benzene	11.731	91	163934	4.833	ug/l	98
68) m/p-Xylenes	11.841	106	121157	9.351	ug/l	95
69) o-Xylene	12.164	106	55283	4.605	ug/l	92
70) Styrene	12.182	104	91294	4.500	ug/l	96
71) Bromoform	12.353	173	15384	4.999	ug/l #	94
73) Isopropylbenzene	12.463	105	149156	4.448	ug/l	100
74) N-amyl acetate	12.274	43	32864	4.659	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	32856	5.334	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	22870m	5.072	ug/l	
77) Bromobenzene	12.749	156	36845	5.006	ug/l	97
78) n-propylbenzene	12.804	91	200042	4.852	ug/l	98
79) 2-Chlorotoluene	12.890	91	117017	4.841	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	132721	4.643	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.518	75	8265	4.714	ug/l	85
82) 4-Chlorotoluene	12.987	91	122258	4.863	ug/l	98
83) tert-Butylbenzene	13.207	119	112723	4.589	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	132967	4.672	ug/l	99
85) sec-Butylbenzene	13.383	105	172898	4.635	ug/l	100
86) p-Isopropyltoluene	13.499	119	139310	4.552	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	76398	4.927	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	78760	5.109	ug/l	95
89) n-Butylbenzene	13.822	91	141430	4.697	ug/l	97
90) Hexachloroethane	14.091	117	25574	4.580	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	67475	4.953	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	5192	5.175	ug/l	95
93) 1,2,4-Trichlorobenzene	15.133	180	41854	4.953	ug/l	95
94) Hexachlorobutadiene	15.231	225	25496	5.190	ug/l	99
95) Naphthalene	15.365	128	74880	4.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	38247	5.120	ug/l	97

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ClientSampleId :
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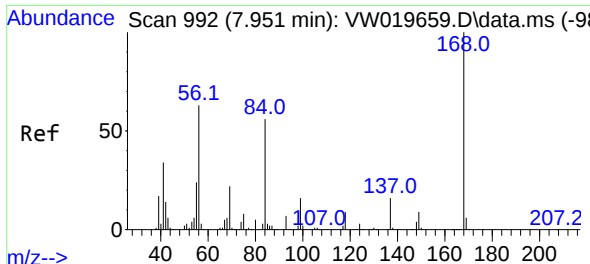
Manual Integrations
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Quant Time: Aug 04 07:03:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

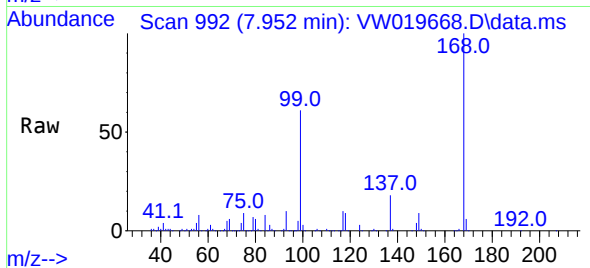
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

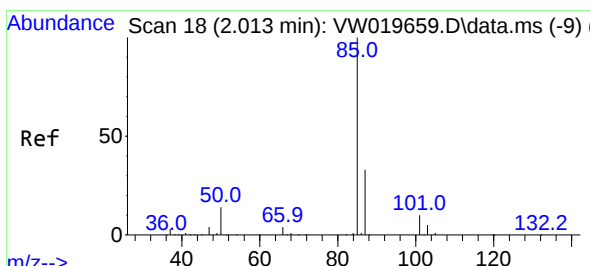
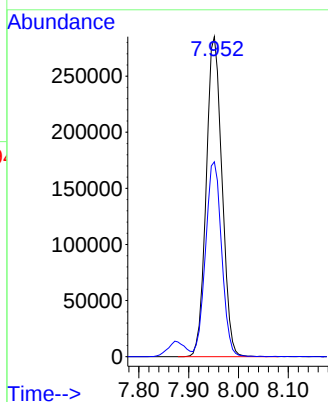
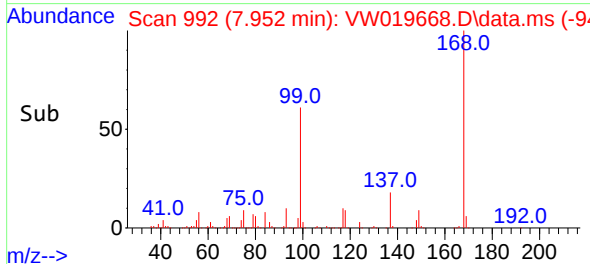
Instrument :
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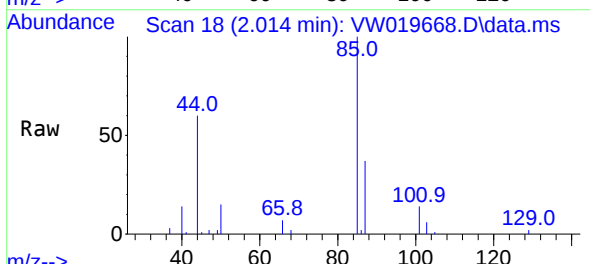
Tgt Ion:168 Resp: 626726
Ion Ratio Lower Upper
168 100
99 60.9 51.9 77.9

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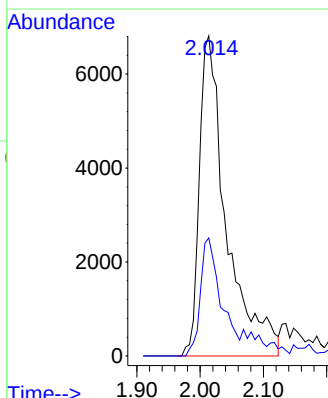
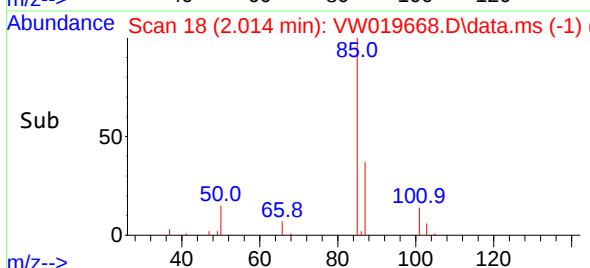
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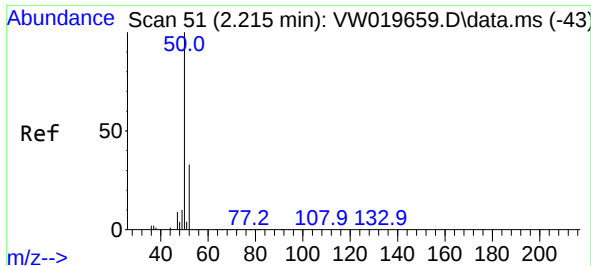


#2
Dichlorodifluoromethane
Concen: 5.763 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 85 Resp: 20263
Ion Ratio Lower Upper
85 100
87 36.9 15.8 47.4





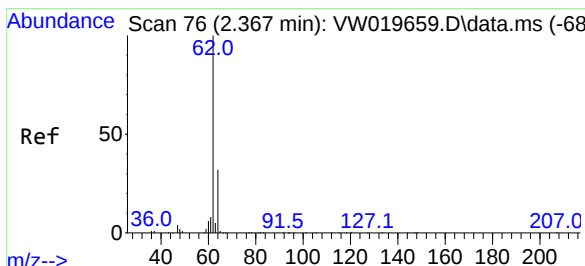
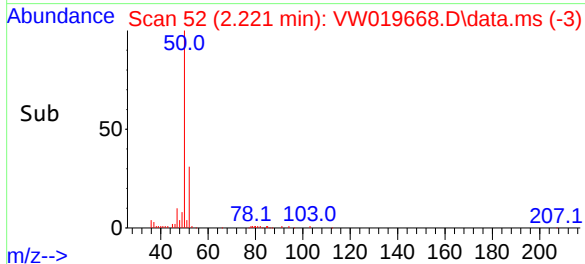
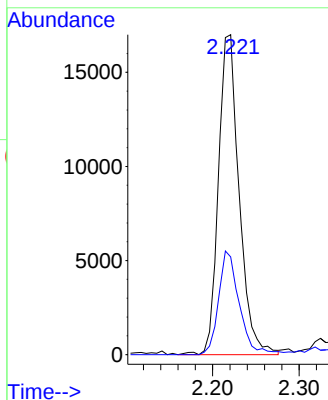
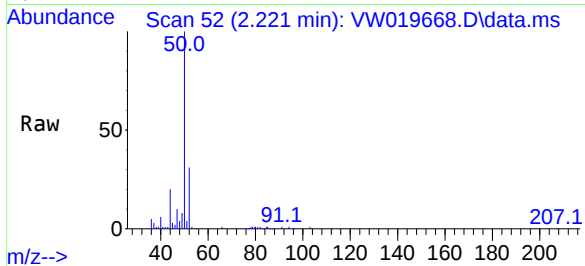
#3
Chloromethane
Concen: 5.899 ug/l
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 50 Resp: 28251
Ion Ratio Lower Upper
50 100
52 30.5 25.0 37.4

Instrument :
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ClientSampleId :
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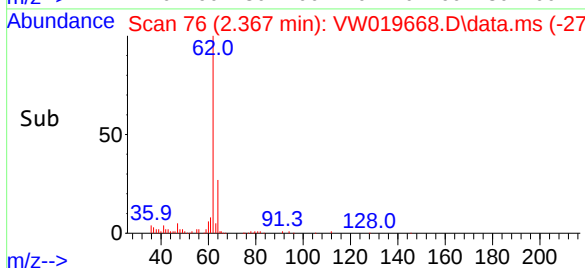
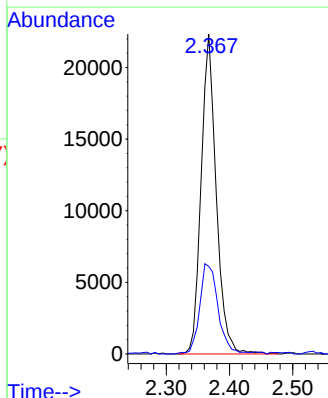
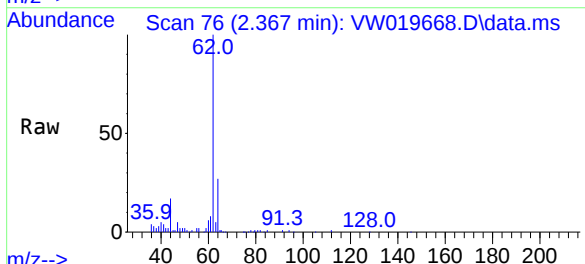
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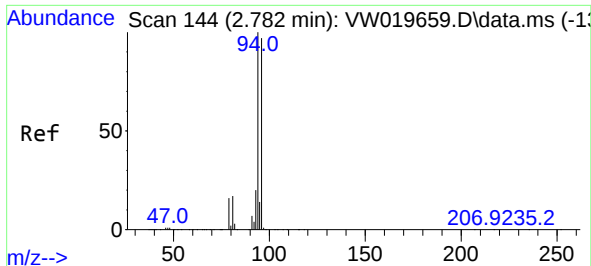
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#4
Vinyl Chloride
Concen: 5.324 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 62 Resp: 37126
Ion Ratio Lower Upper
62 100
64 27.1 25.1 37.7





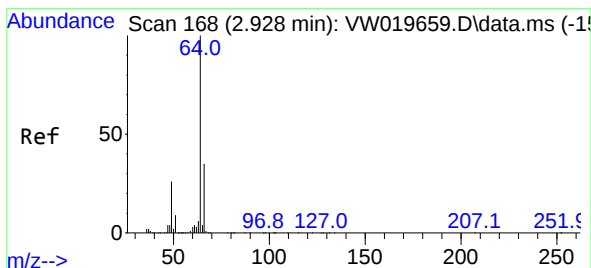
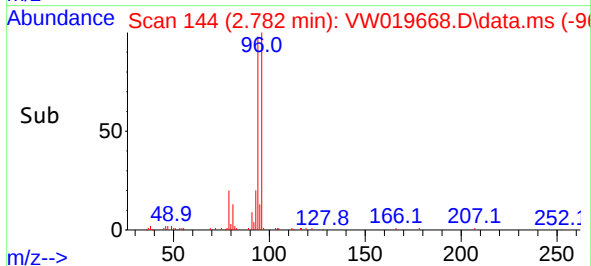
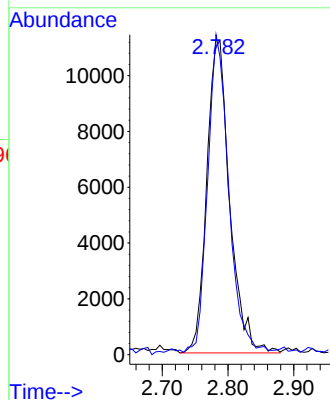
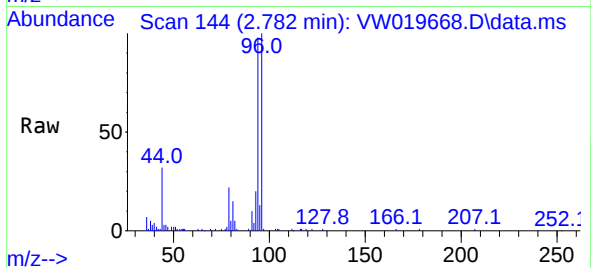
#5
Bromomethane
Concen: 5.223 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 94 Resp: 27262
Ion Ratio Lower Upper
94 100
96 100.9 72.7 109.1

Instrument :
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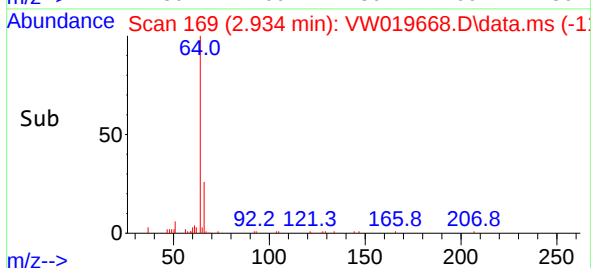
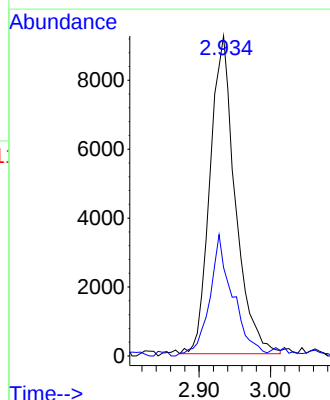
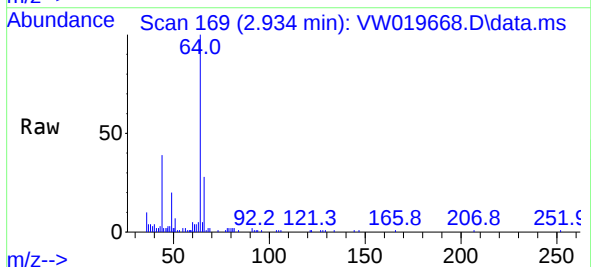
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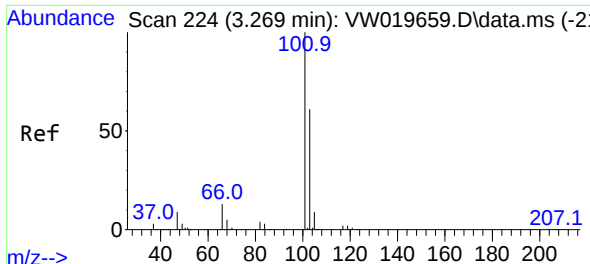
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#6
Chloroethane
Concen: 5.108 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 64 Resp: 22646
Ion Ratio Lower Upper
64 100
66 27.0 26.9 40.3





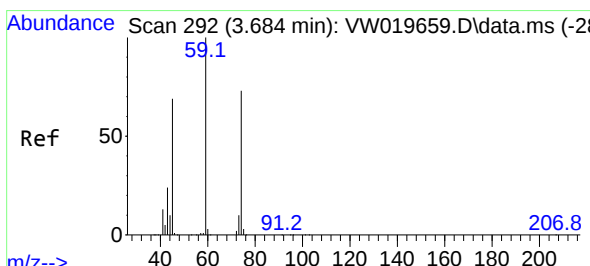
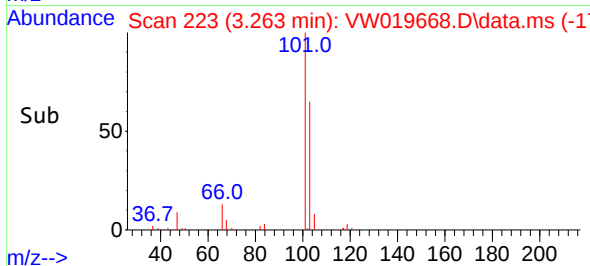
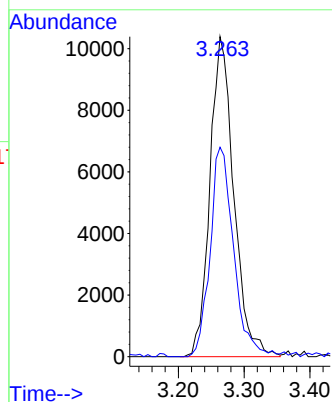
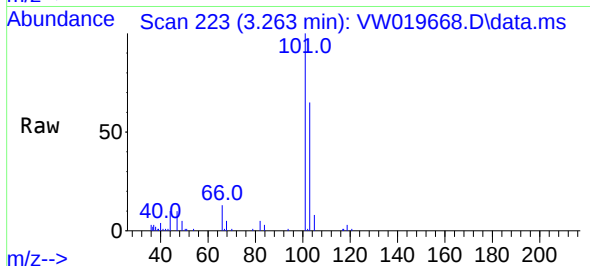
#7
Trichlorofluoromethane
Concen: 4.957 ug/l
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 101 Resp: 26248
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.2

Instrument :
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ClientSampleId :
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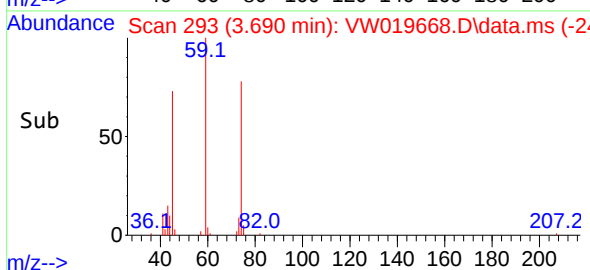
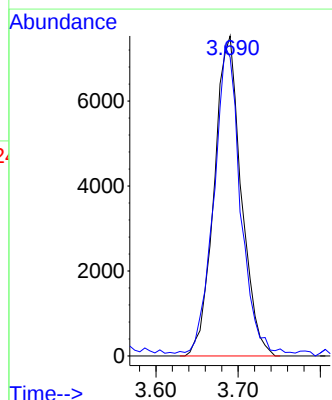
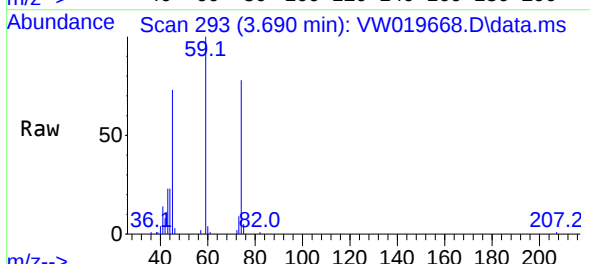
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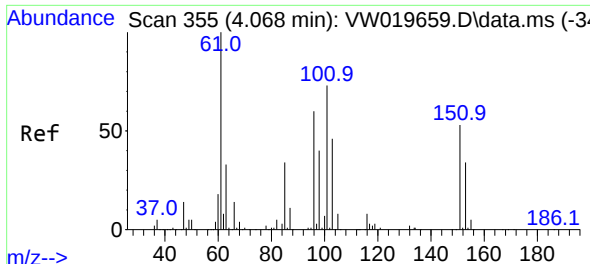
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#8
Diethyl Ether
Concen: 5.256 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

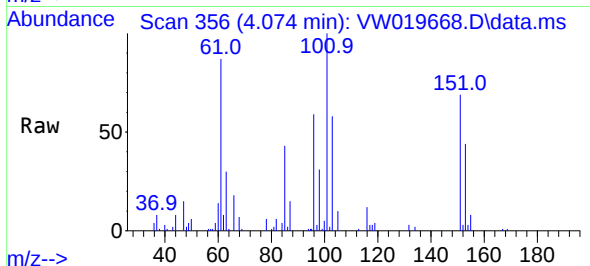
Tgt Ion: 74 Resp: 17224
Ion Ratio Lower Upper
74 100
45 94.9 48.8 146.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.199 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019668.D
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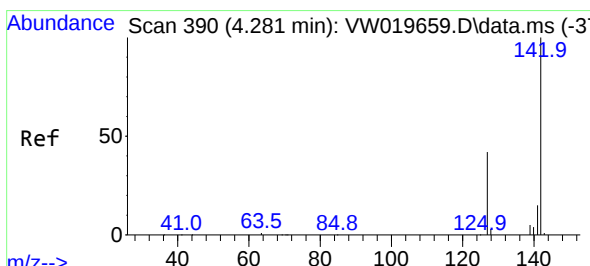
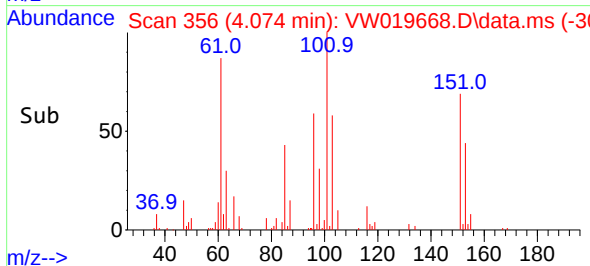
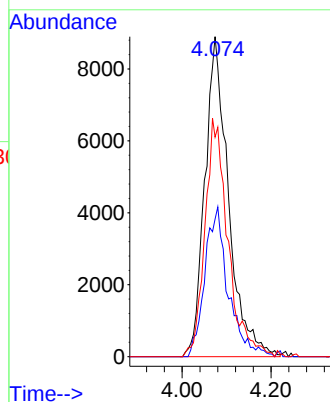
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion:101 Resp: 32914
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.0
151 72.4 59.6 89.4

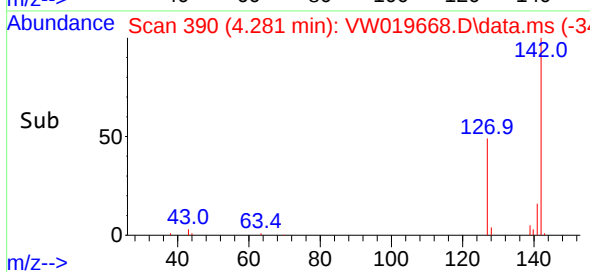
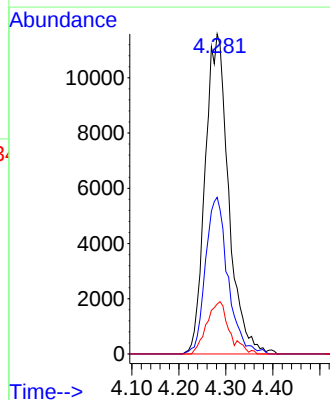
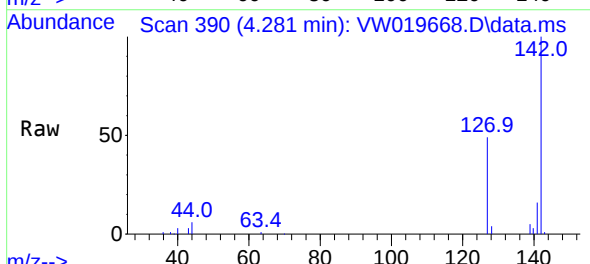
Manual Integrations
APPROVED

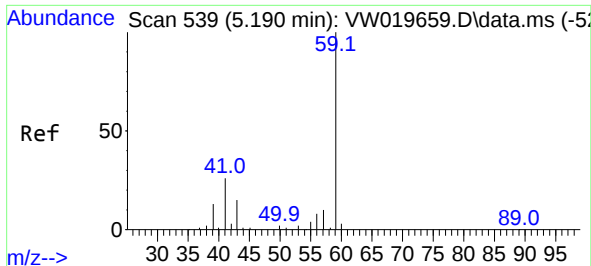
MMDadoda
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#10
Methyl Iodide
Concen: 4.918 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

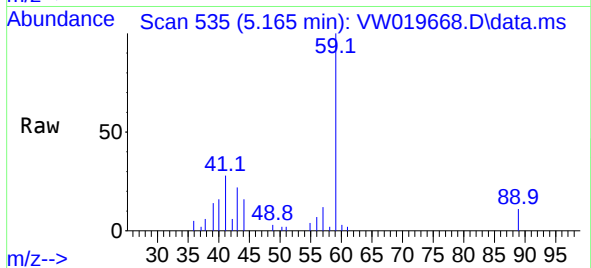
Tgt Ion:142 Resp: 40110
Ion Ratio Lower Upper
142 100
127 46.9 34.2 51.2
141 15.7 11.9 17.9





#11
Tert butyl alcohol
Concen: 38.641 ug/l
RT: 5.165 min Scan# 535
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

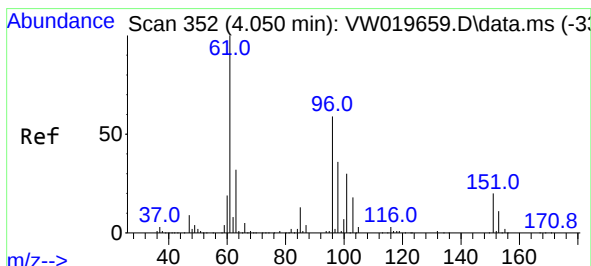
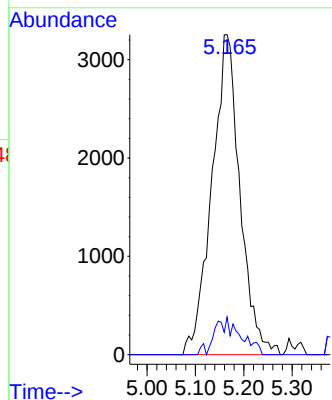
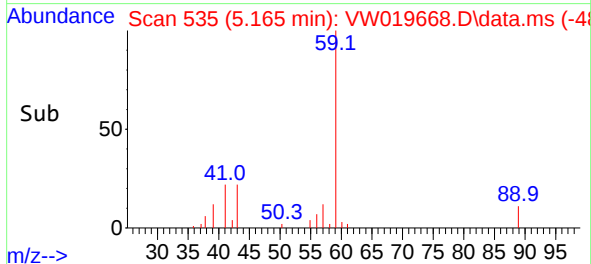
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



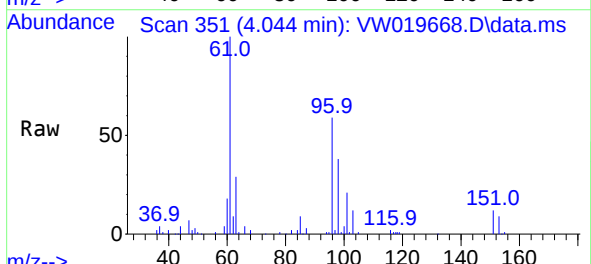
Tgt Ion: 59 Resp: 13160
Ion Ratio Lower Upper
59 100
57 3.9 8.0 12.0#

Manual Integrations
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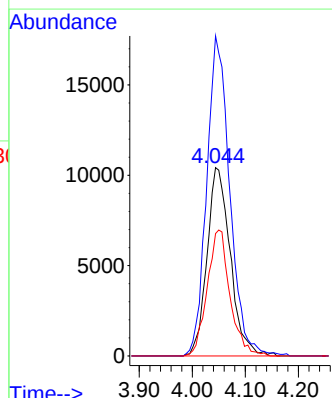
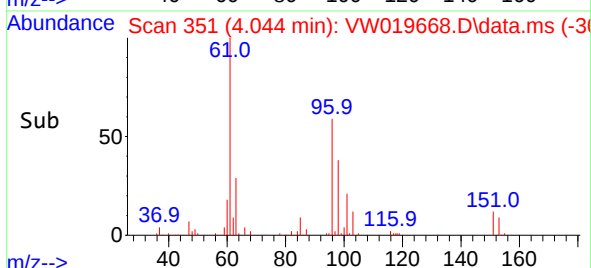
MMDadoda
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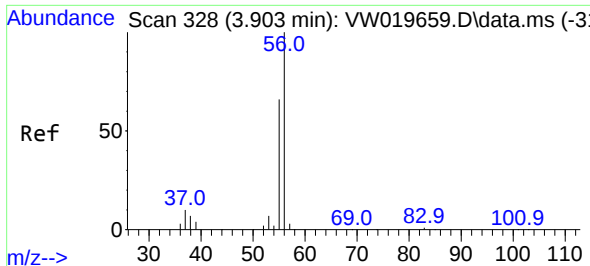


#12
1,1-Dichloroethene
Concen: 5.096 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 96 Resp: 31822
Ion Ratio Lower Upper
96 100
61 169.9 131.0 196.6
98 65.0 52.2 78.2





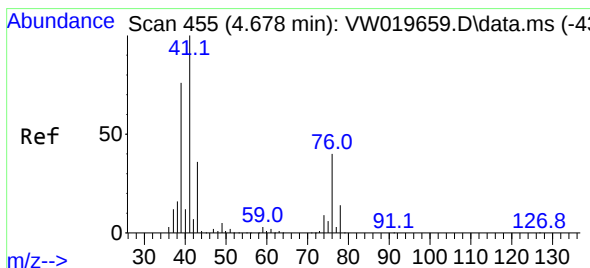
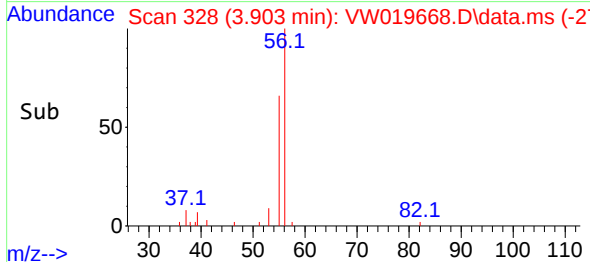
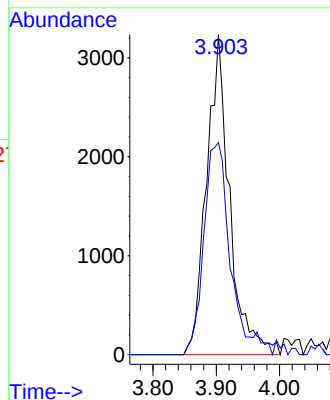
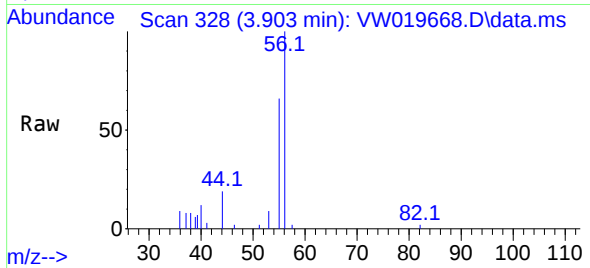
#13
Acrolein
Concen: 24.153 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 56 Resp: 8211
Ion Ratio Lower Upper
56 100
55 73.3 56.3 84.5

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

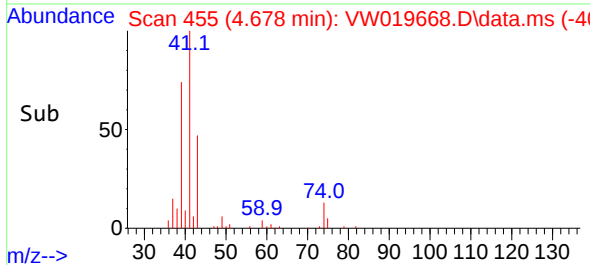
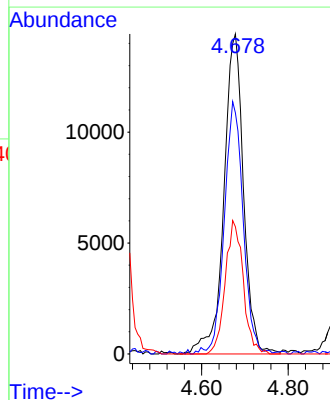
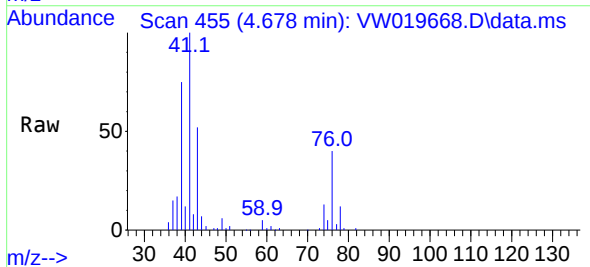
Manual Integrations
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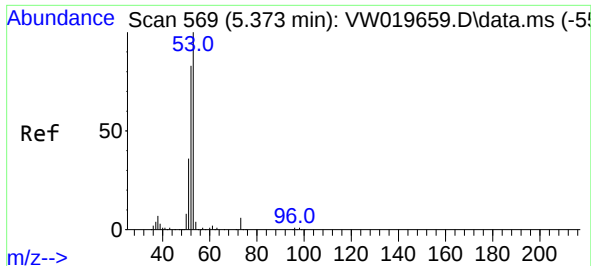
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#14
Allyl chloride
Concen: 5.064 ug/l
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 41 Resp: 45619
Ion Ratio Lower Upper
41 100
39 75.8 52.2 78.2
76 38.2 30.1 45.1





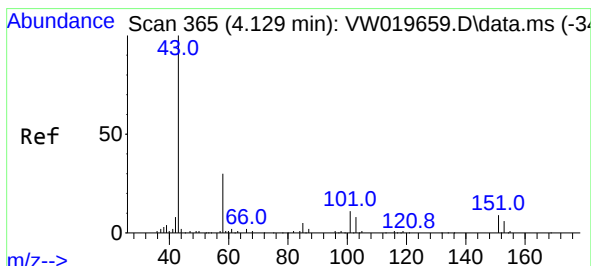
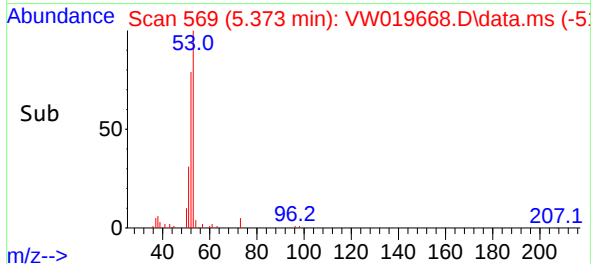
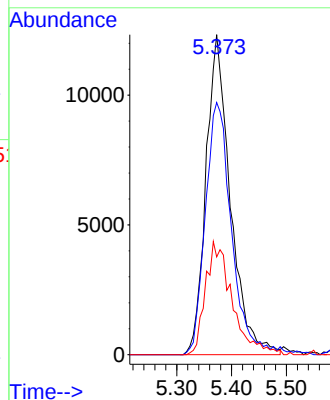
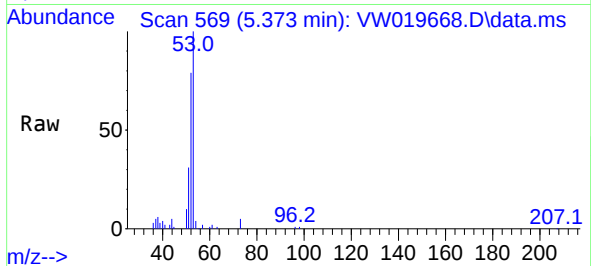
#15
Acrylonitrile
Concen: 26.978 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.007 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:	53	Resp:	38046
Ion	Ratio	Lower	Upper
53	100		
52	84.9	65.9	98.9
51	38.6	29.2	43.8

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

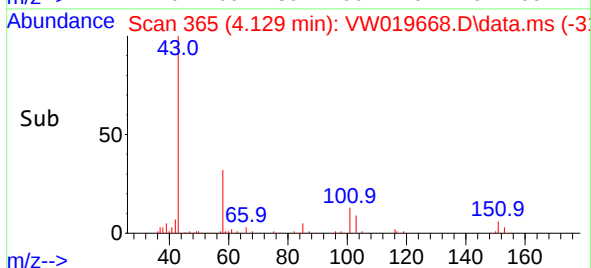
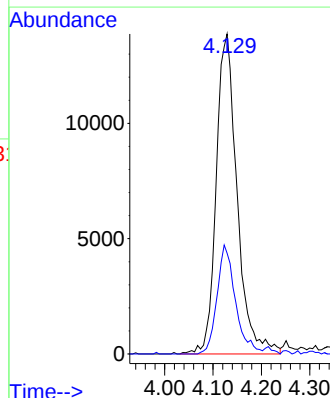
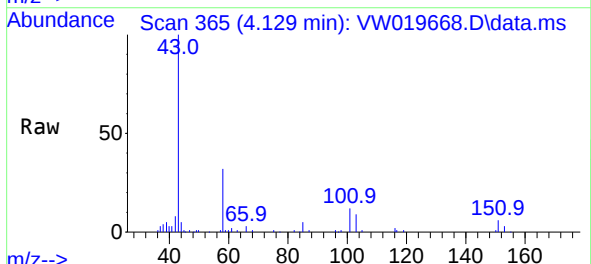
Manual Integrations
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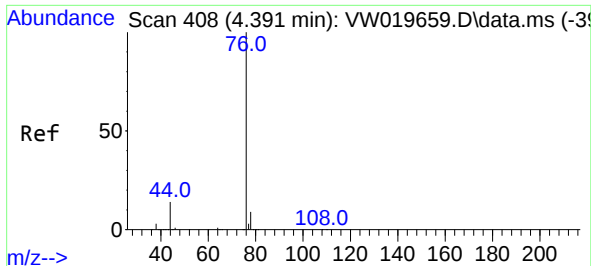
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#16
Acetone
Concen: 35.349 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:	43	Resp:	41645
Ion	Ratio	Lower	Upper
43	100		
58	31.5	27.2	40.8





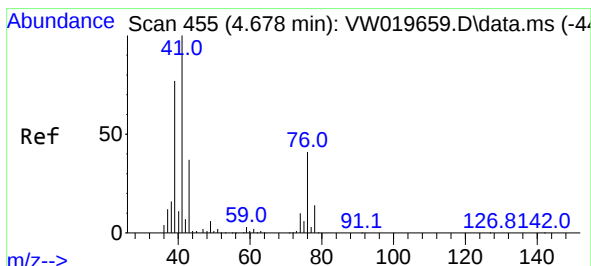
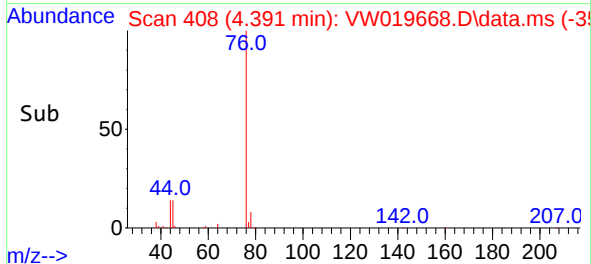
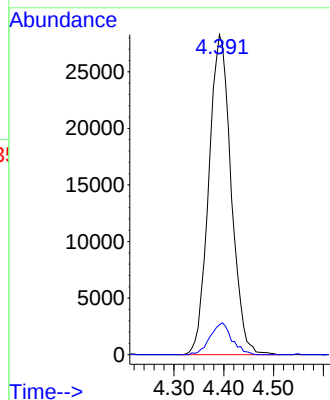
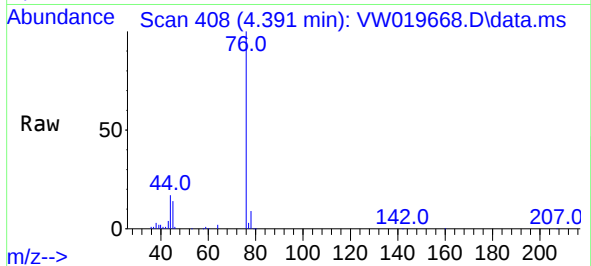
#17
Carbon Disulfide
Concen: 5.331 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 76 Resp: 88044
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

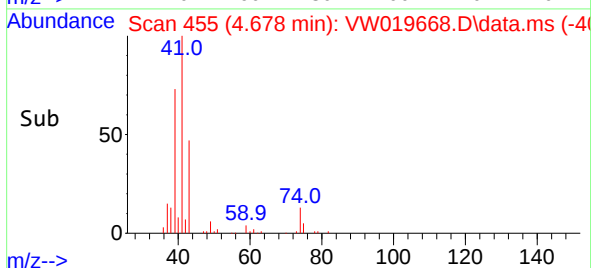
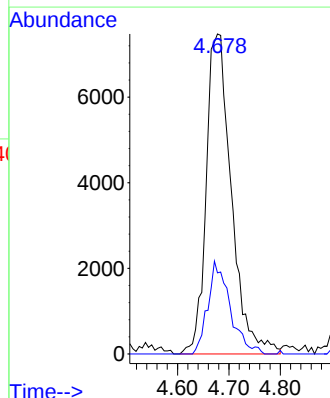
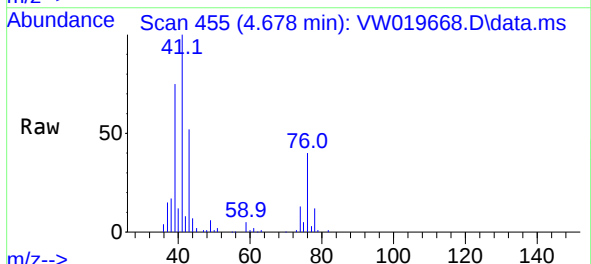
Manual Integrations
APPROVED

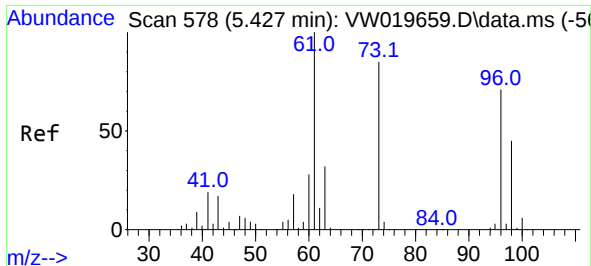
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#18
Methyl Acetate
Concen: 7.243 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 43 Resp: 25407
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1





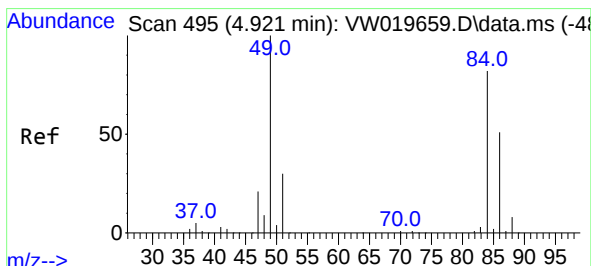
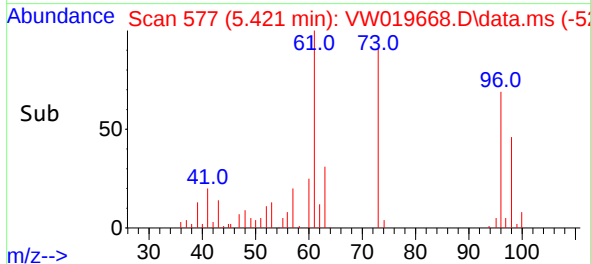
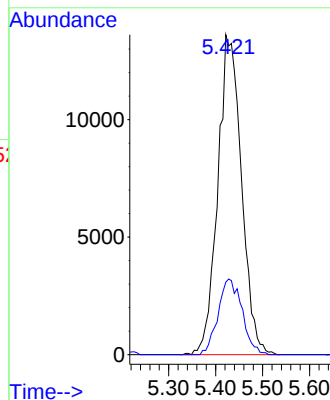
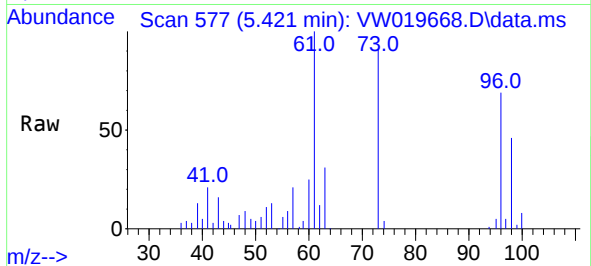
#19
Methyl tert-butyl Ether
Concen: 5.194 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 73 Resp: 47692
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

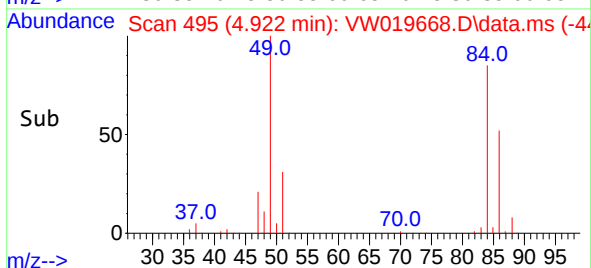
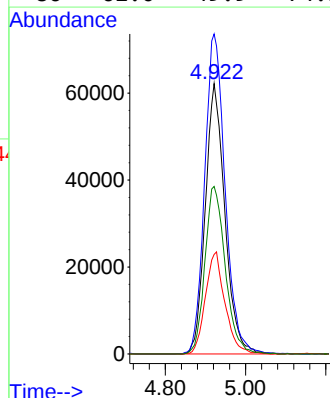
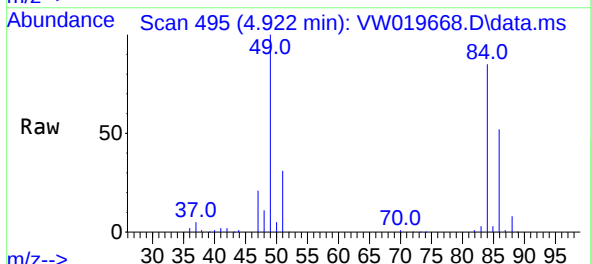
Manual Integrations
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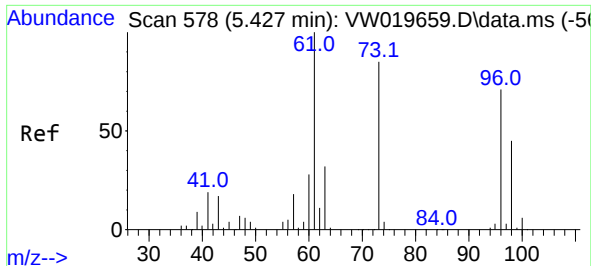
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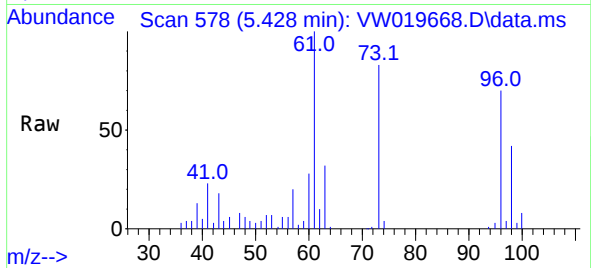
#20
Methylene Chloride
Concen: 20.684 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 84 Resp: 210998
Ion Ratio Lower Upper
84 100
49 118.2 97.2 145.8
51 36.8 30.1 45.1
86 62.0 49.9 74.9



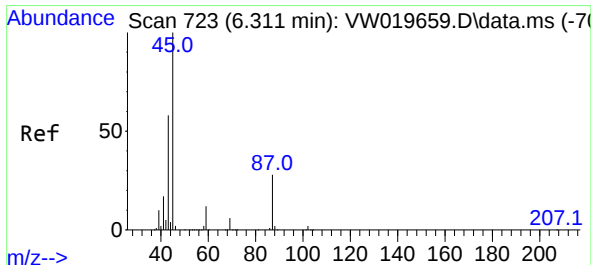
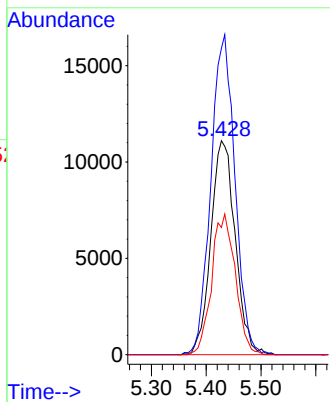
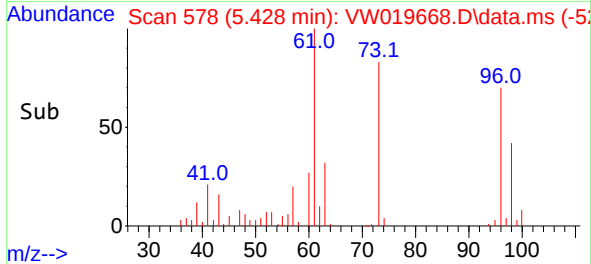


#21
trans-1,2-Dichloroethene
Concen: 4.960 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

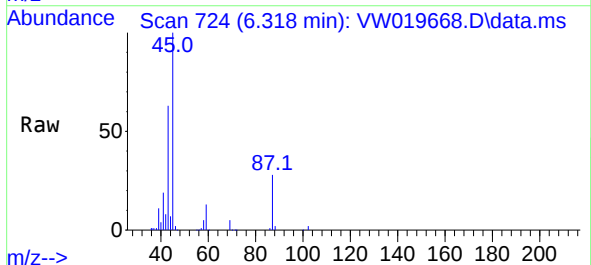


Tgt Ion: 96 Resp: 34322

Ion	Ratio	Lower	Upper
96	100		
61	143.1	110.3	165.5
98	59.5	49.1	73.7

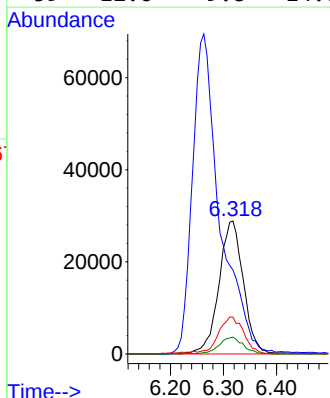
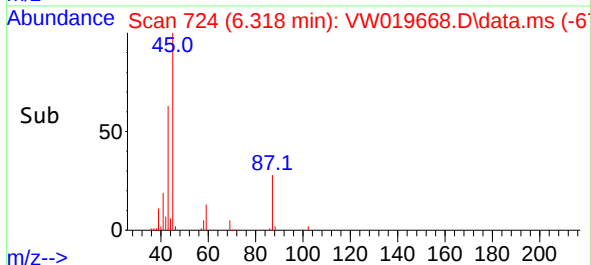


#22
Diisopropyl ether
Concen: 4.805 ug/l
RT: 6.318 min Scan# 724
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 45 Resp: 92198

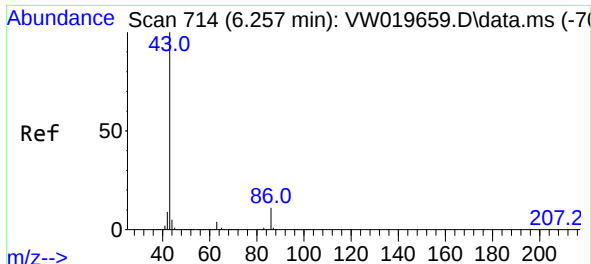
Ion	Ratio	Lower	Upper
45	100		
43	61.5	42.0	63.0
87	27.7	23.0	34.6
59	12.6	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

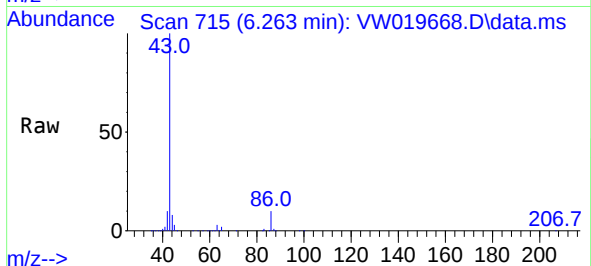
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 22.254 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019668.D
 Acq: 03 Aug 2021 19:06

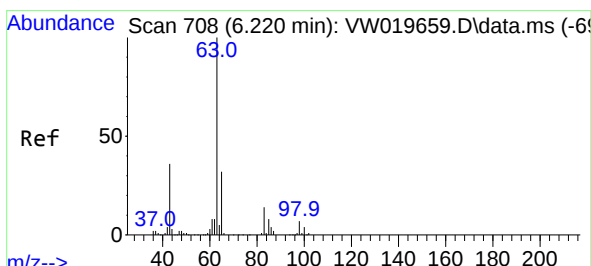
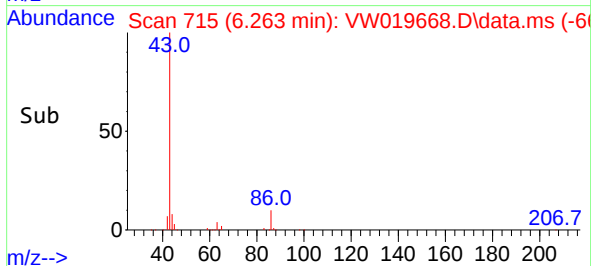
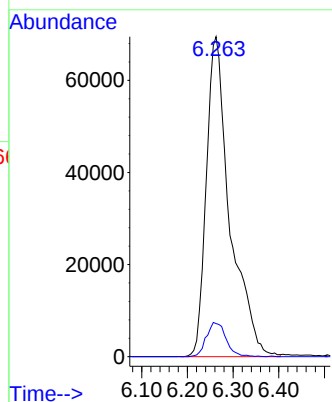
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



Tgt Ion: 43 Resp: 249031
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.1 13.7

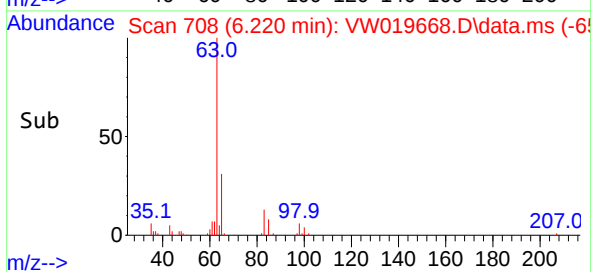
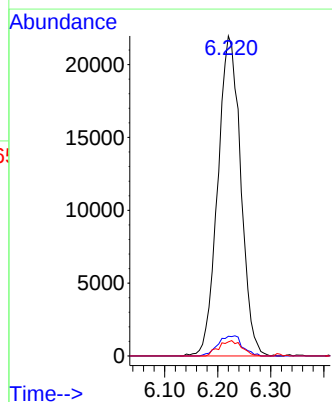
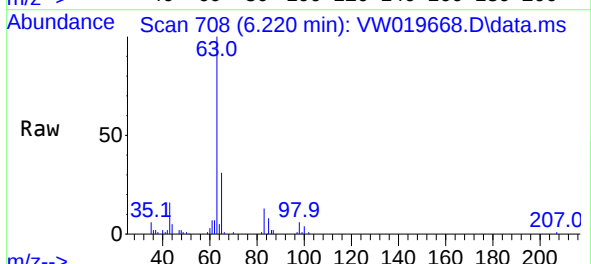
Manual Integrations
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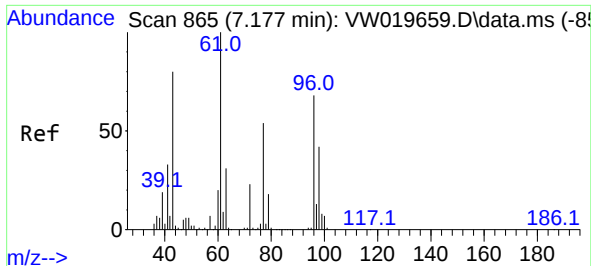
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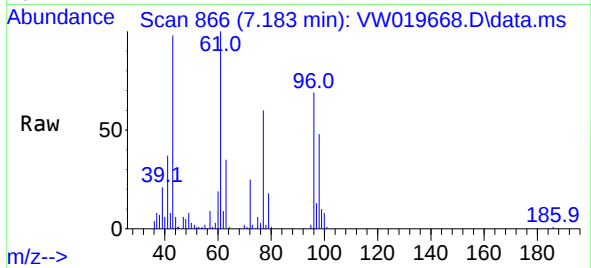
#24
 1,1-Dichloroethane
 Concen: 4.980 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019668.D
 Acq: 03 Aug 2021 19:06

Tgt Ion: 63 Resp: 65955
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.4 2.2 6.6

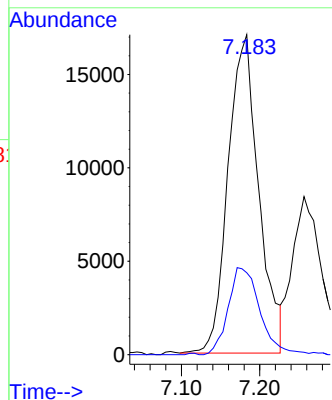




#25
2-Butanone
Concen: 27.180 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



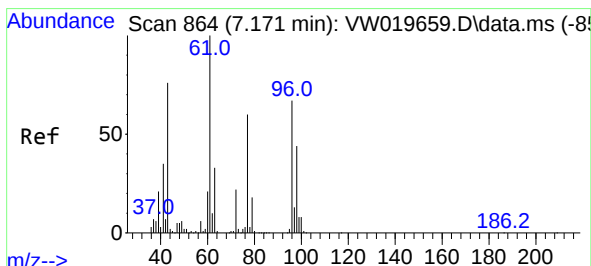
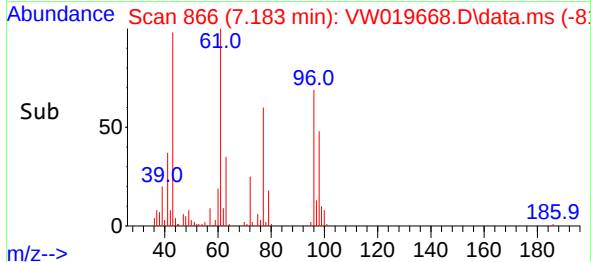
Tgt Ion: 43 Resp: 46302
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.0



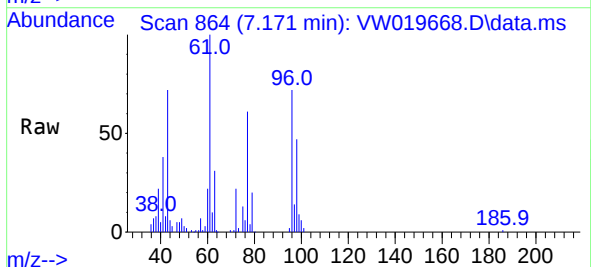
Instrument :
MSVOA_W
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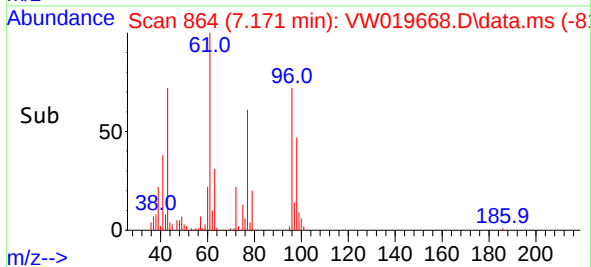
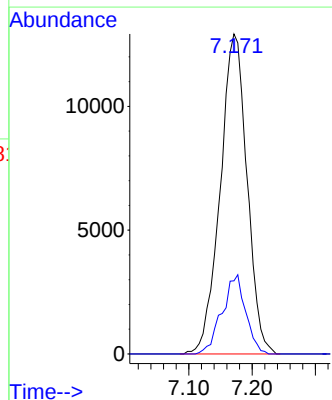
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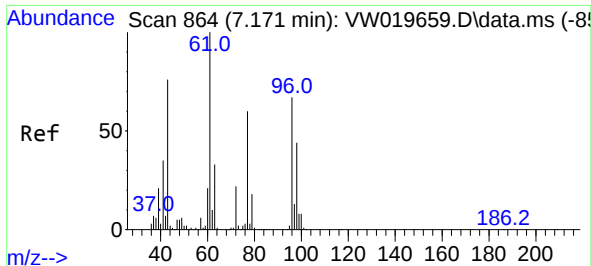


#26
2,2-Dichloropropane
Concen: 5.169 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

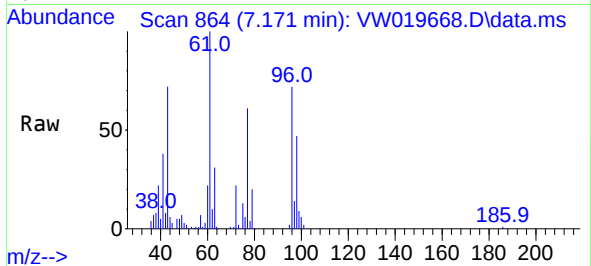


Tgt Ion: 77 Resp: 37995
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2



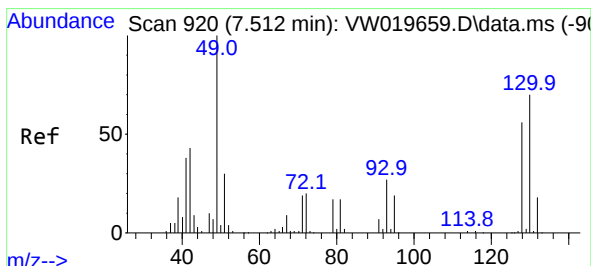
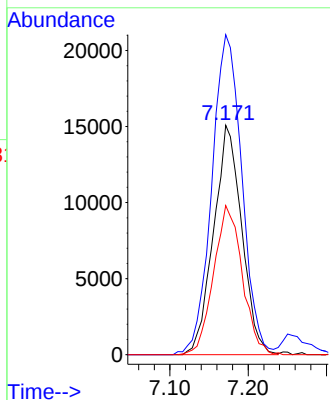
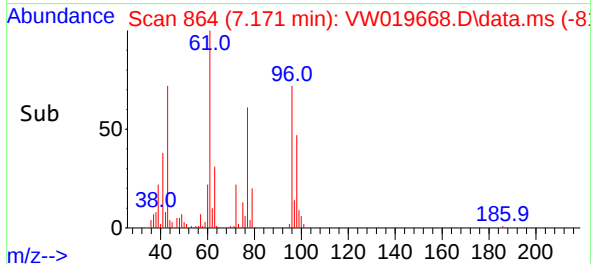


#27
cis-1,2-Dichloroethene
Concen: 4.951 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

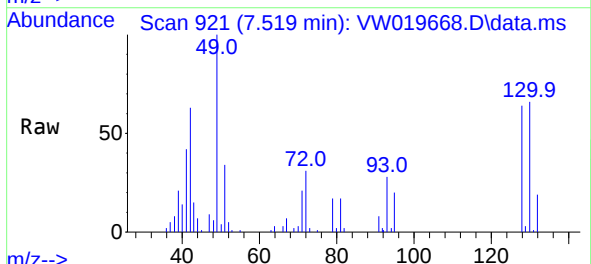


Tgt Ion: 96 Resp: 37761

Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	289.6
98	66.1	0.0	127.4

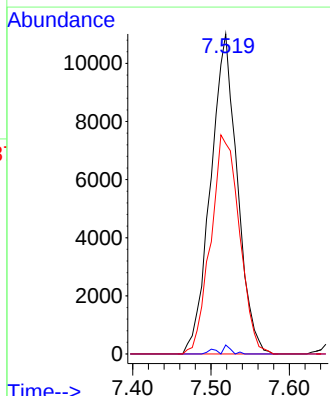
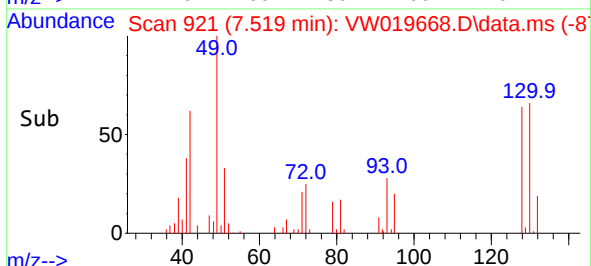


#28
Bromochloromethane
Concen: 5.001 ug/l
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 49 Resp: 26098

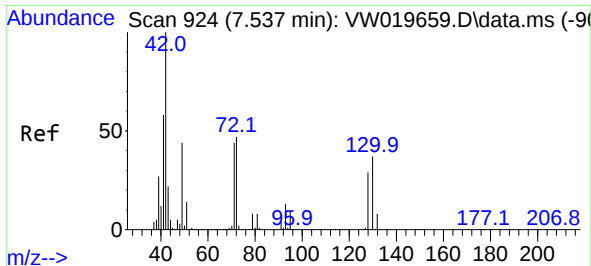
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	73.5	59.8	89.6



Instrument :
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#29

Tetrahydrofuran

Concen: 27.132 ug/l

RT: 7.543 min Scan# 925

Delta R.T. 0.012 min

Lab File: VW019668.D

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Tgt Ion:	42	Resp:	29635
Ion	Ratio	Lower	Upper
42	100		
72	46.6	35.8	53.8
71	42.5	33.4	50.2

Instrument :

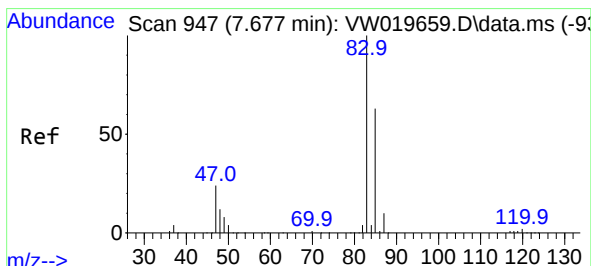
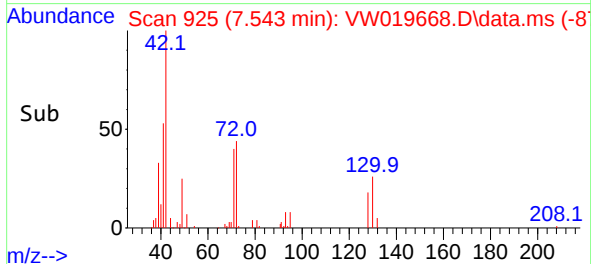
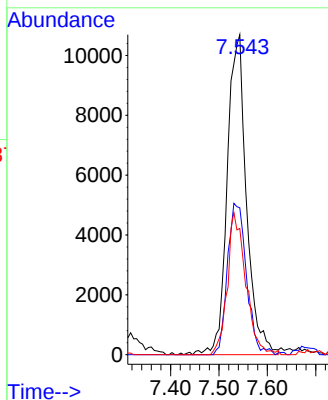
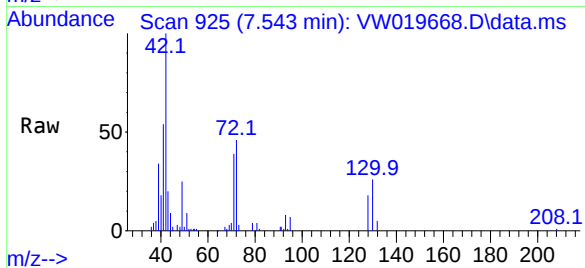
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#30

Chloroform

Concen: 5.051 ug/l

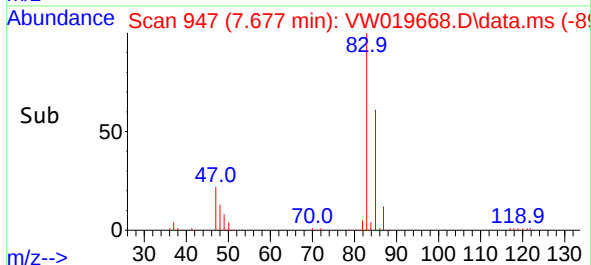
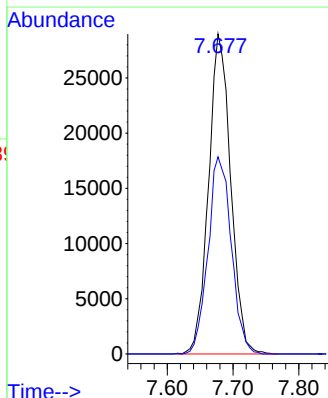
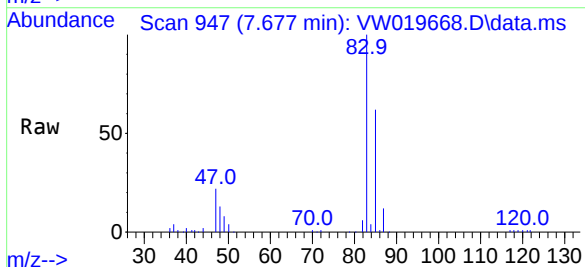
RT: 7.677 min Scan# 947

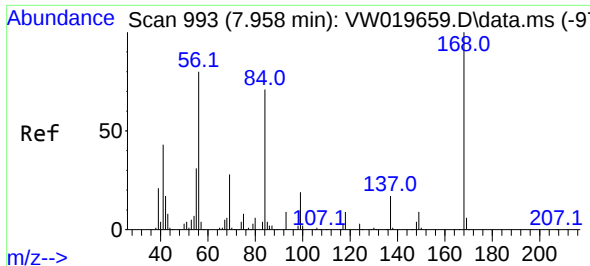
Delta R.T. 0.000 min

Lab File: VW019668.D

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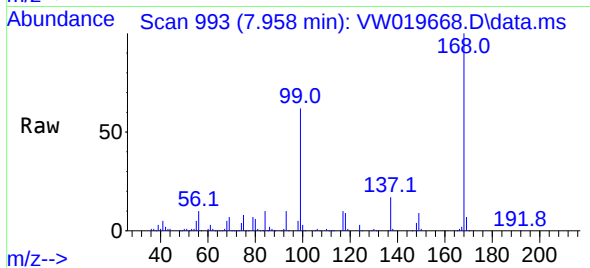
Tgt Ion:	83	Resp:	67882
Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.1	78.1





#31
Cyclohexane
Concen: 5.757 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

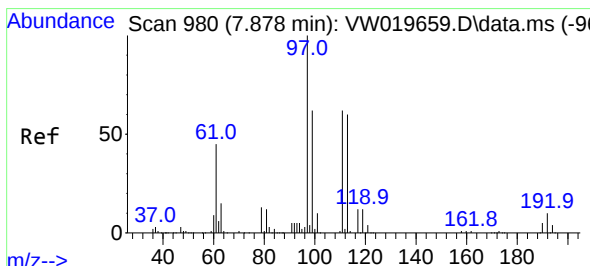
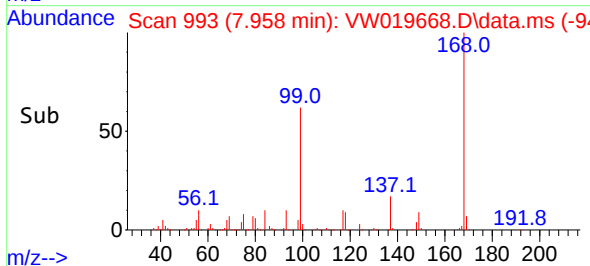
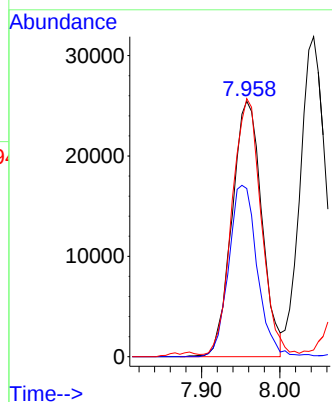
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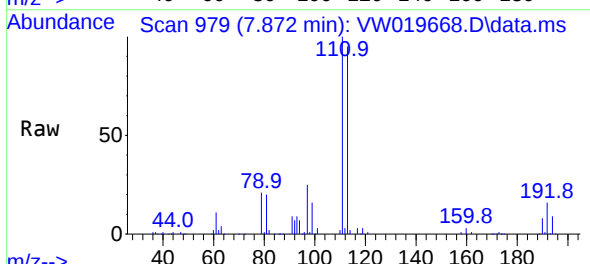
Tgt Ion: 56 Resp: 67255
Ion Ratio Lower Upper
56 100
69 65.8 28.3 42.5#
84 100.0 68.1 102.1

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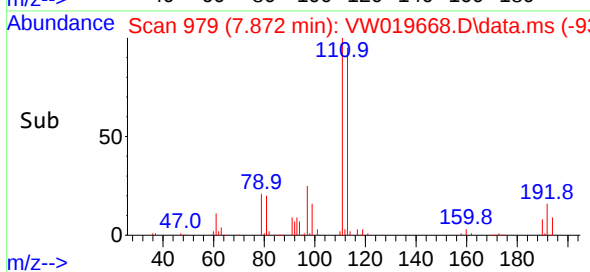
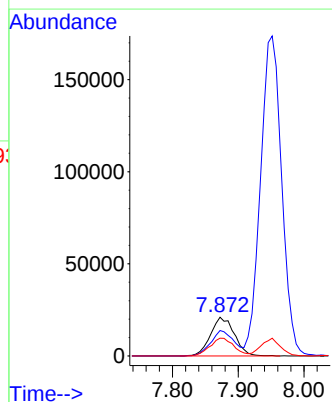
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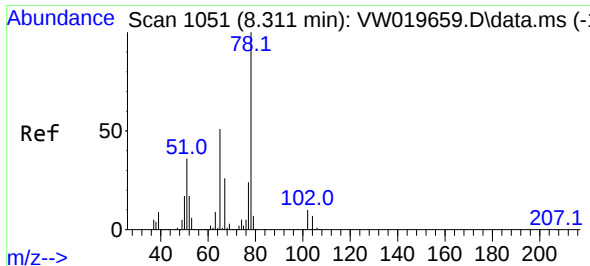


#32
1,1,1-Trichloroethane
Concen: 5.088 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

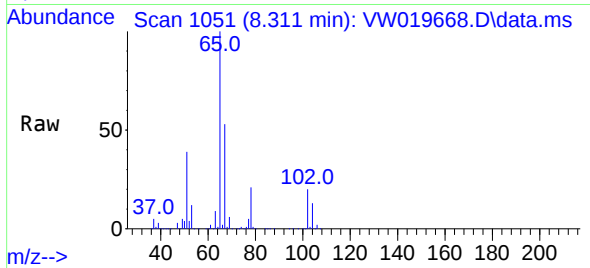


Tgt Ion: 97 Resp: 53079
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 46.3 36.5 54.7

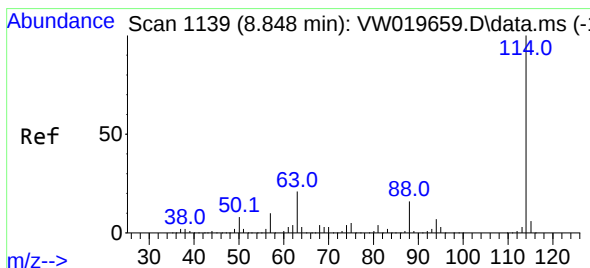
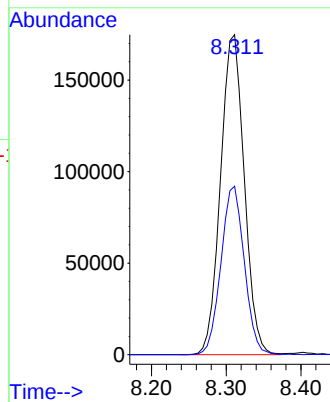
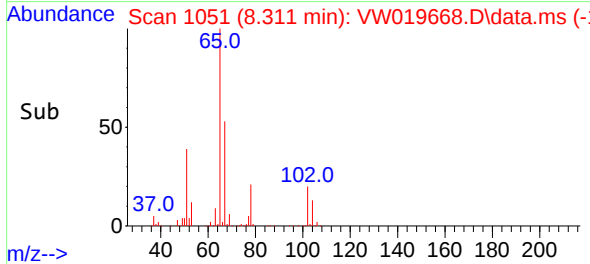




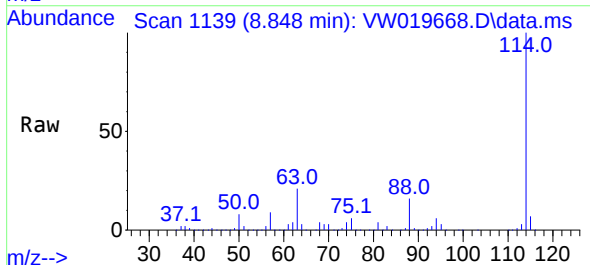
#33
1,2-Dichloroethane-d4
Concen: 48.458 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



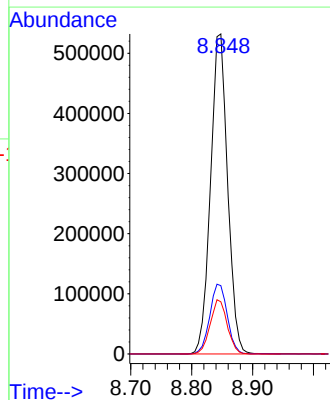
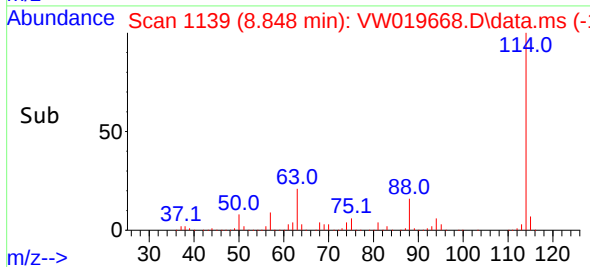
Tgt Ion: 65 Resp: 386386
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



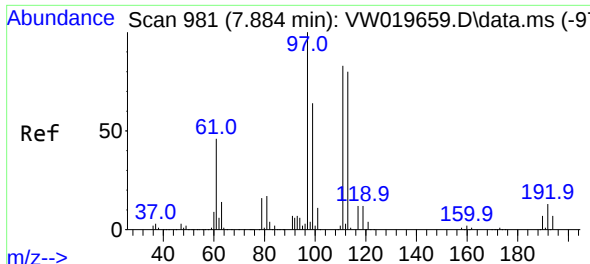
Tgt Ion: 114 Resp: 1034497
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 16.3 0.0 33.4



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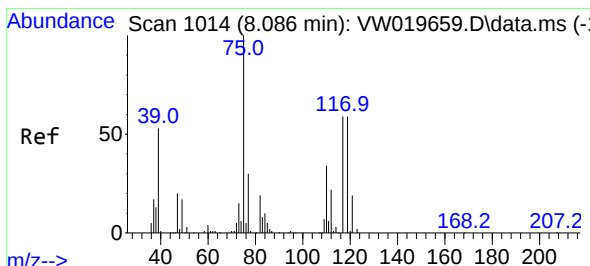
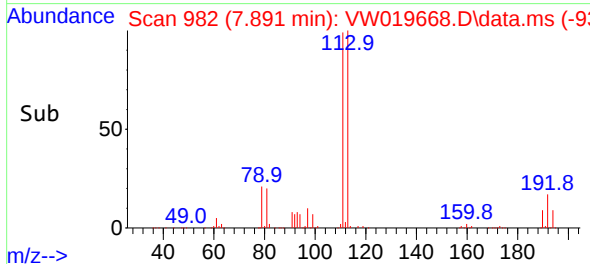
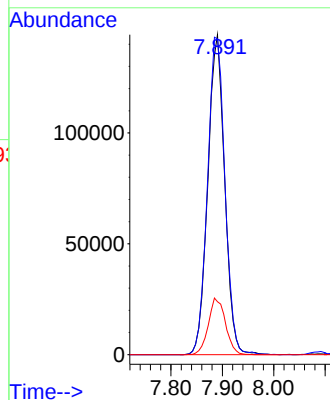
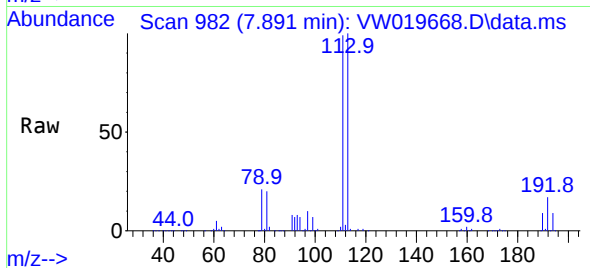
#35
Dibromofluoromethane
Concen: 48.130 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019668.D
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Tgt Ion: 113 Resp: 329110
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.0 15.4 23.2

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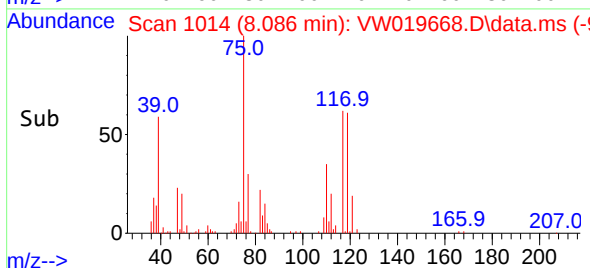
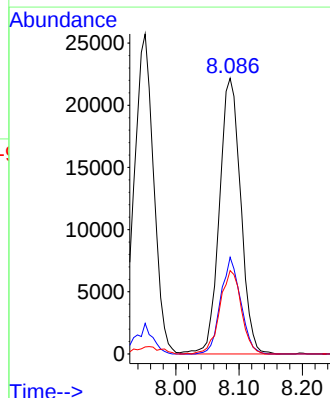
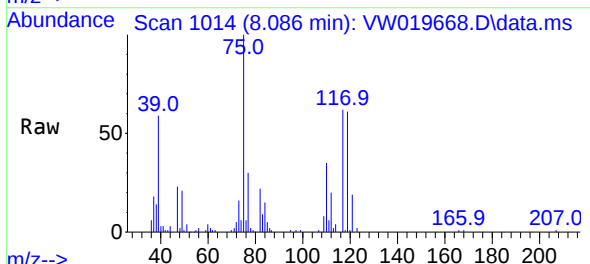
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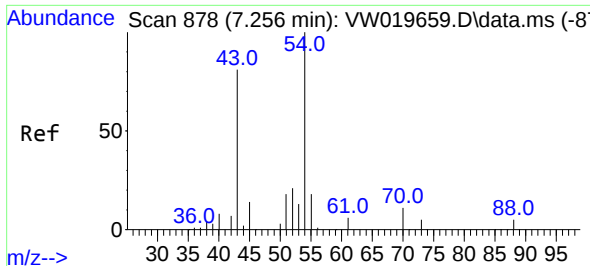
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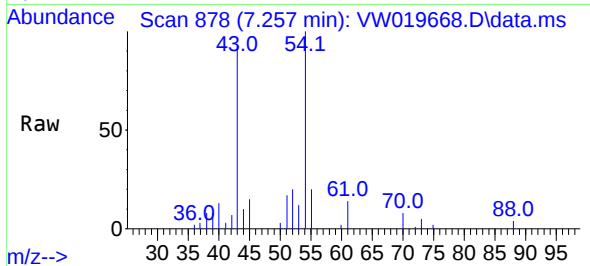
#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 75 Resp: 51636
Ion Ratio Lower Upper
75 100
110 32.9 16.6 49.7
77 30.7 25.1 37.7

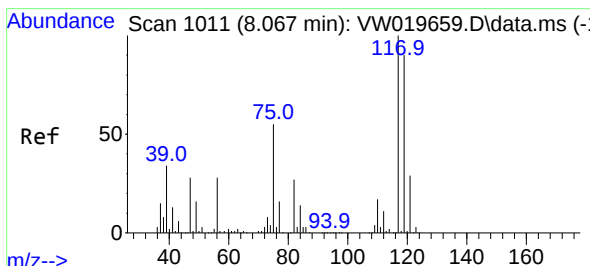
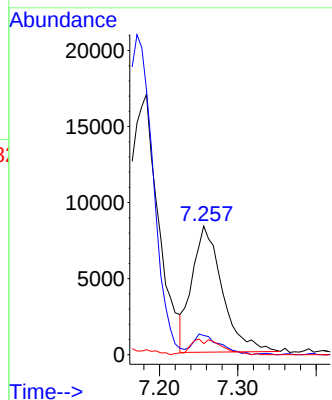
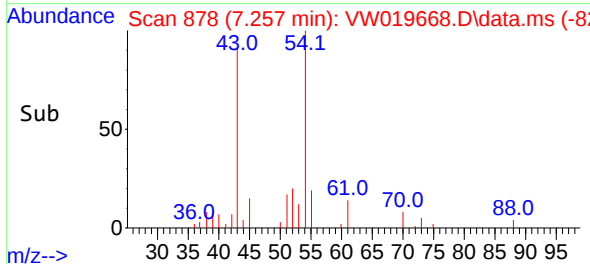




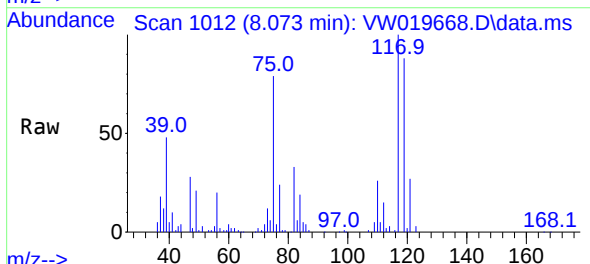
#37
Ethyl Acetate
Concen: 5.676 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.007 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



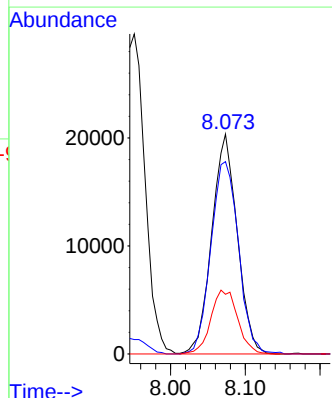
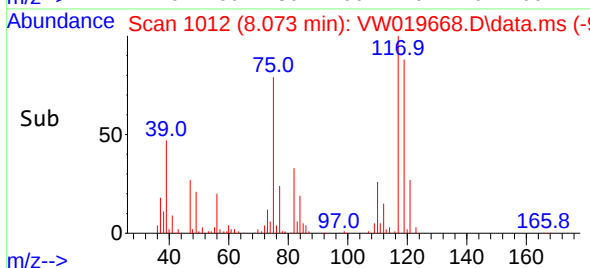
Tgt Ion: 43 Resp: 22318
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 5.8 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



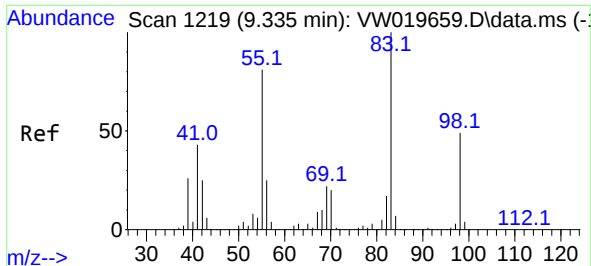
Tgt Ion: 117 Resp: 48305
Ion Ratio Lower Upper
117 100
119 87.5 76.7 115.1
121 27.2 24.8 37.2



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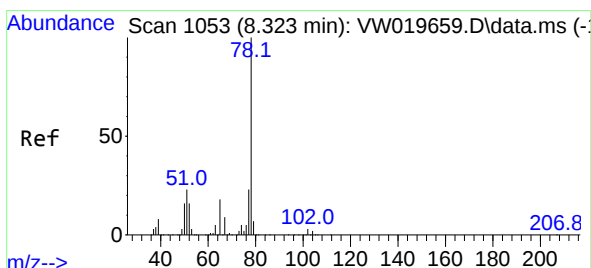
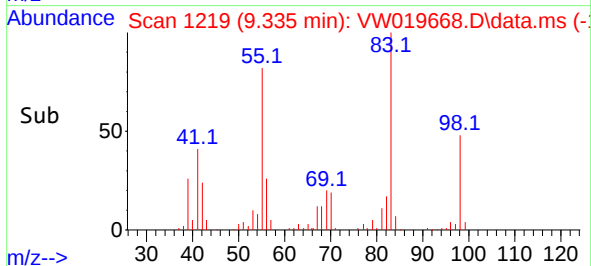
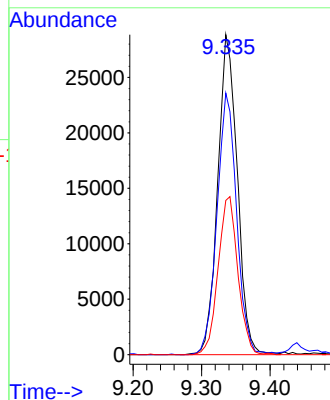
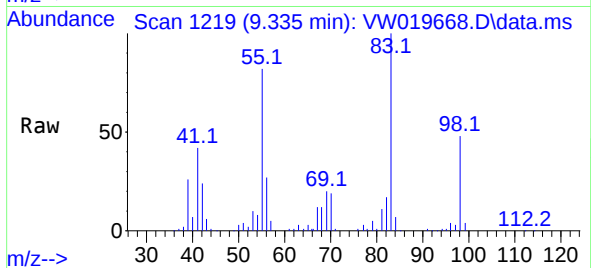
#39
Methylcyclohexane
Concen: 4.915 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019668.D
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Tgt Ion: 83 Resp: 57236
Ion Ratio Lower Upper
83 100
55 81.7 64.9 97.3
98 48.2 38.1 57.1

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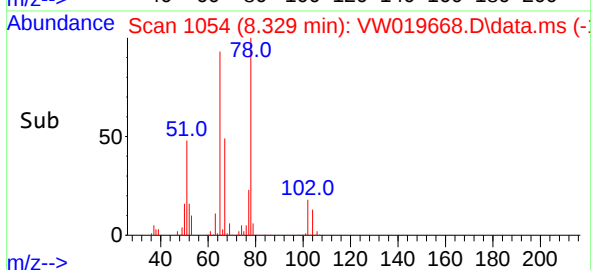
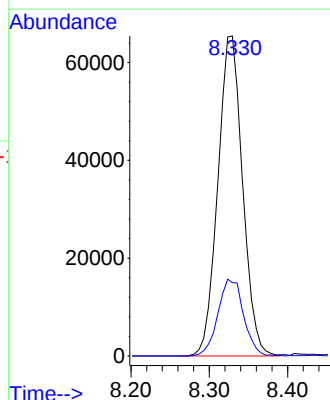
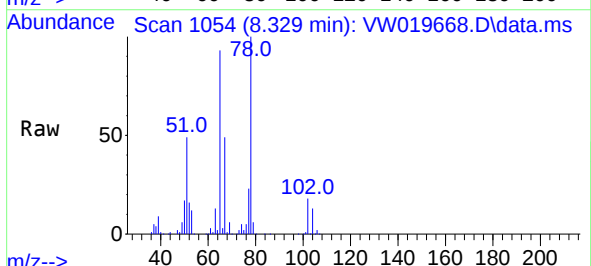
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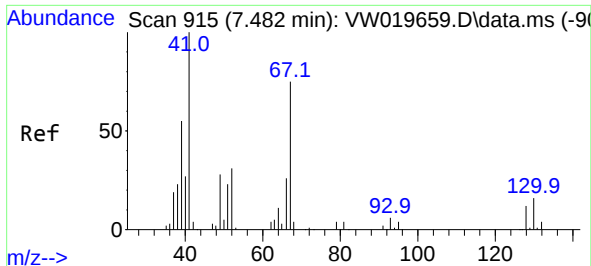
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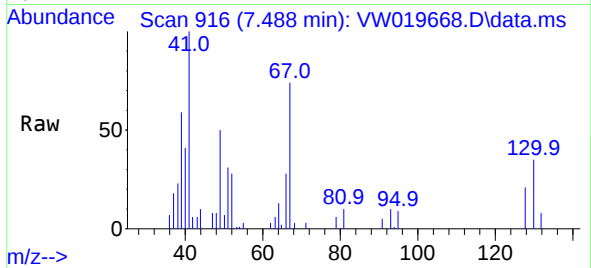
#40
Benzene
Concen: 5.144 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 78 Resp: 143641
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

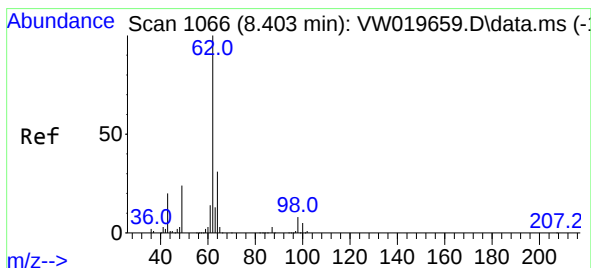
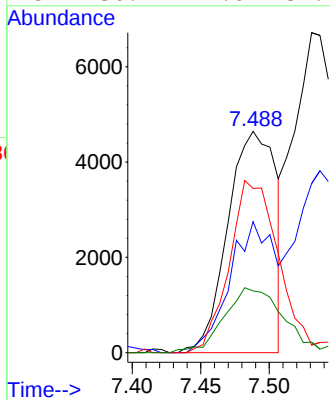
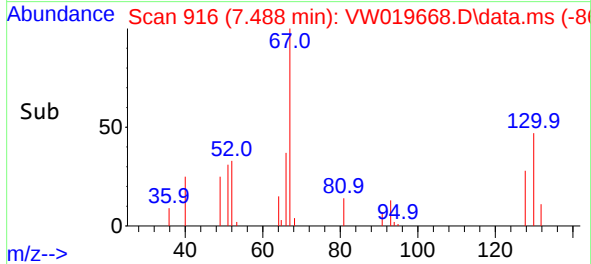




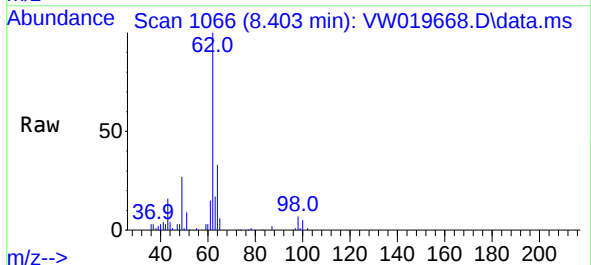
#41
Methacrylonitrile
Concen: 5.114 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



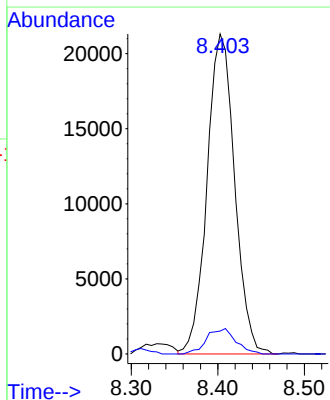
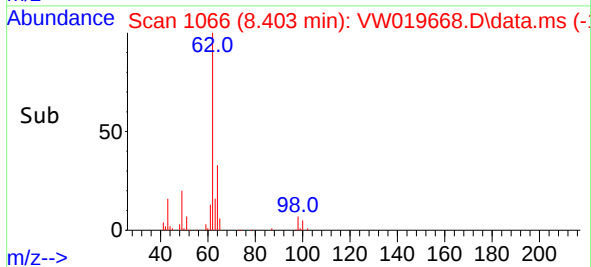
Tgt Ion:	41	Resp:	11333
Ion	Ratio	Lower	Upper
41	100		
39	54.8	41.6	62.4
67	81.0	55.3	82.9
52	36.4	22.6	34.0#



#42
1,2-Dichloroethane
Concen: 5.401 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



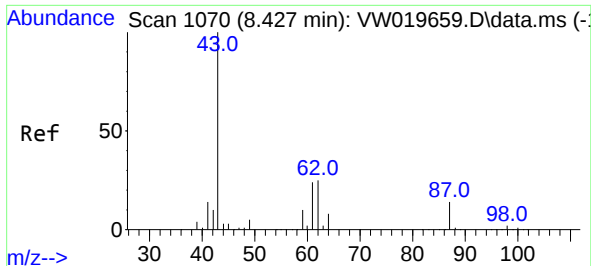
Tgt Ion:	62	Resp:	47203
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.4



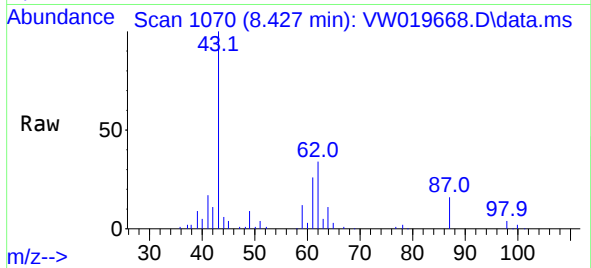
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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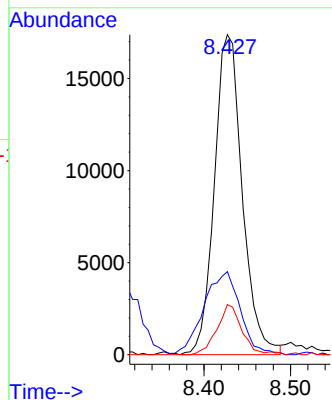
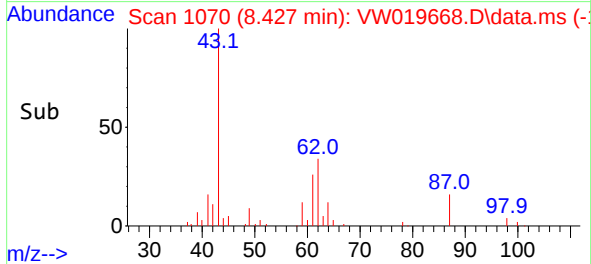
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#43
Isopropyl Acetate
Concen: 5.224 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



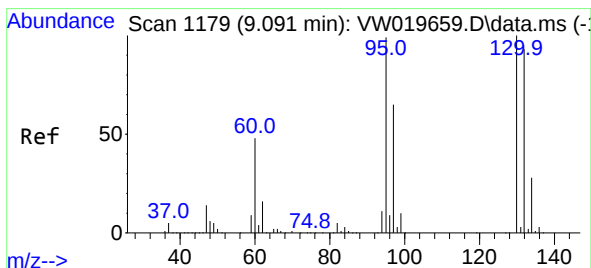
Tgt Ion: 43 Resp: 38961
Ion Ratio Lower Upper
43 100
61 33.7 26.2 39.4
87 14.1 11.0 16.6



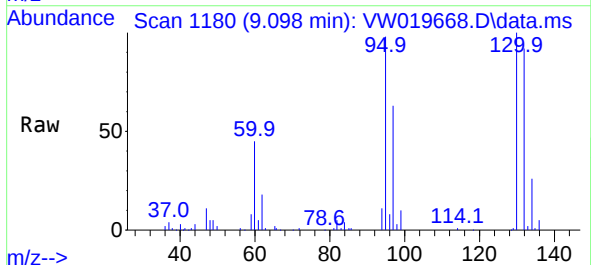
Instrument :
MSVOA_W
ClientSampleId :
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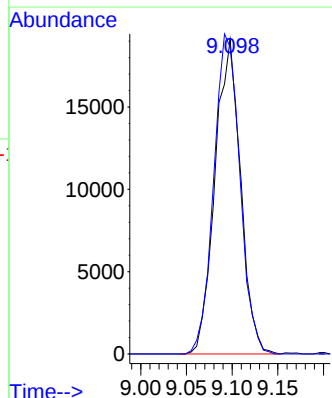
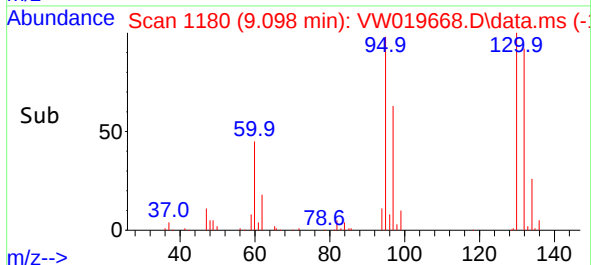
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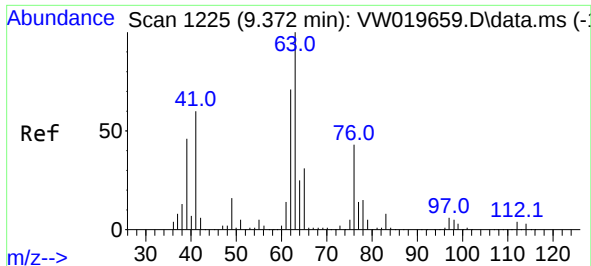


#44
Trichloroethene
Concen: 5.171 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 130 Resp: 37134
Ion Ratio Lower Upper
130 100
95 97.5 0.0 194.6





#45

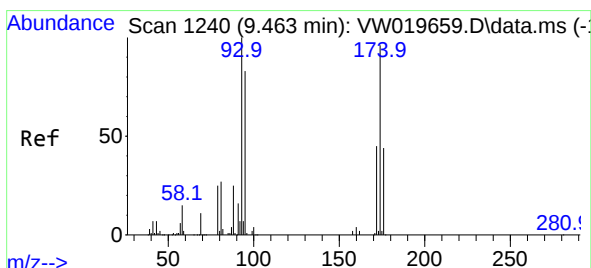
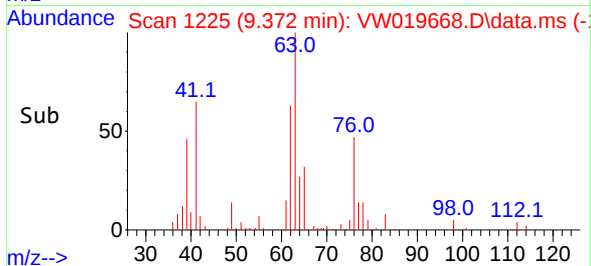
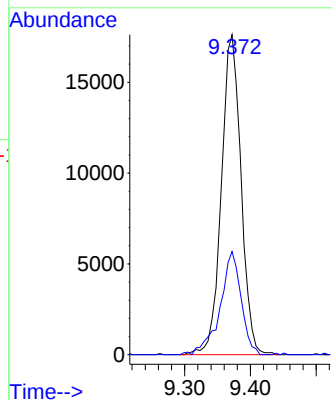
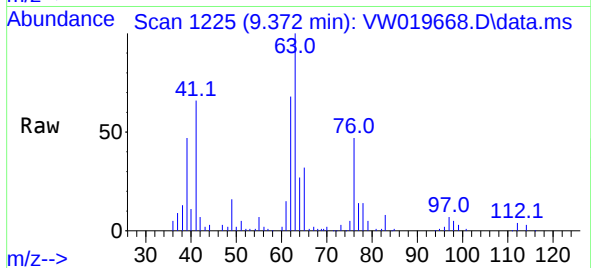
1,2-Dichloropropane
Concen: 5.183 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 63 Resp: 36651
Ion Ratio Lower Upper
63 100
65 32.3 25.3 37.9

Instrument :
MSVOA_W
ClientSampleId :
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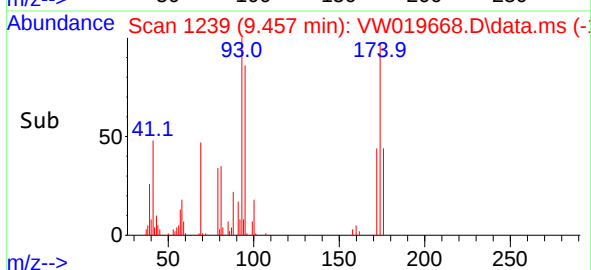
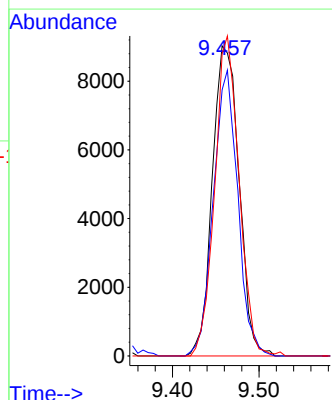
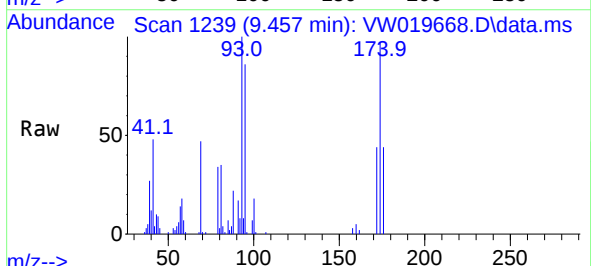
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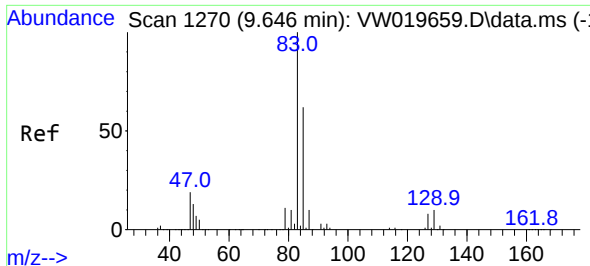


#46

Dibromomethane
Concen: 5.163 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 93 Resp: 19309
Ion Ratio Lower Upper
93 100
95 84.6 66.0 99.0
174 94.6 75.0 112.6





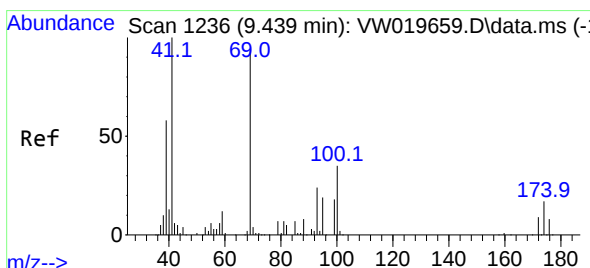
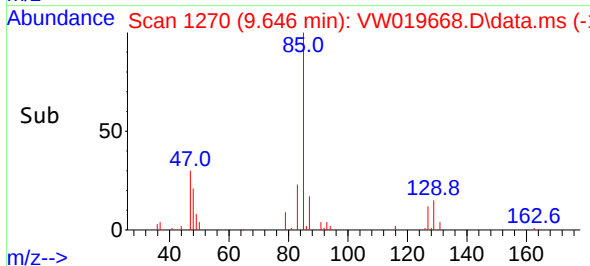
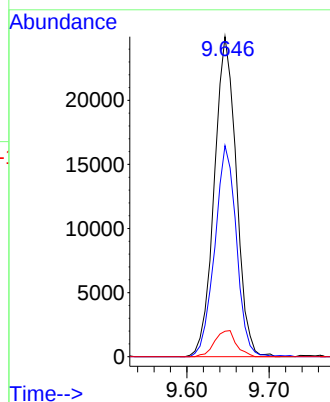
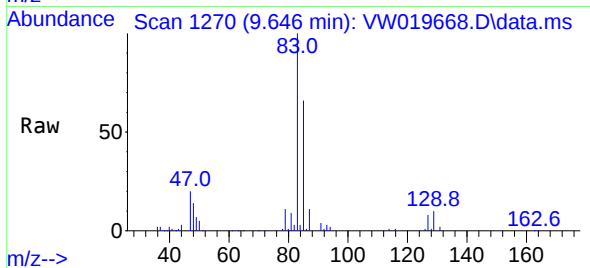
#47
Bromodichloromethane
Concen: 4.967 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:	83	Resp:	46387
Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.9	74.9
127	7.9	6.2	9.4

Instrument :
MSVOA_W
ClientSampleId :
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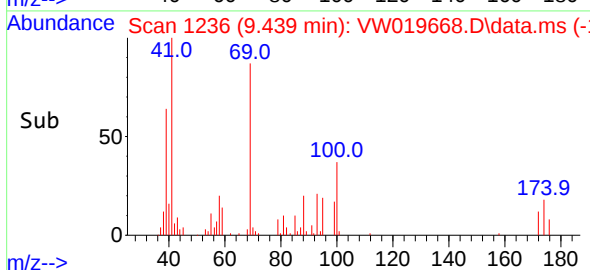
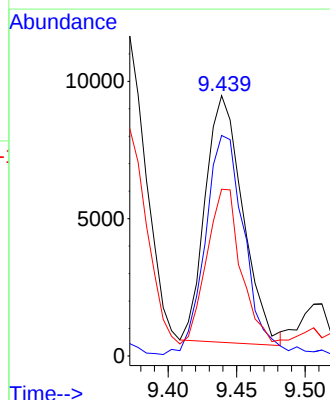
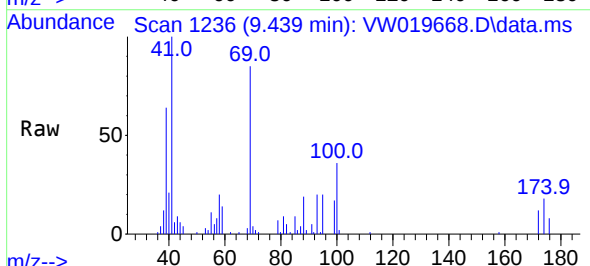
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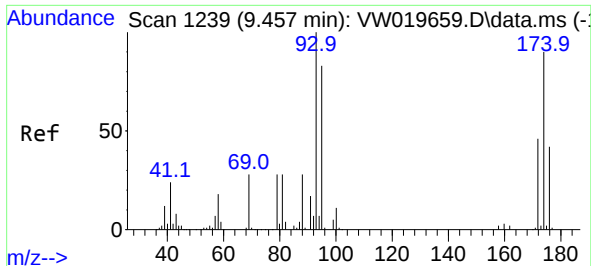
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#48
Methyl methacrylate
Concen: 5.179 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

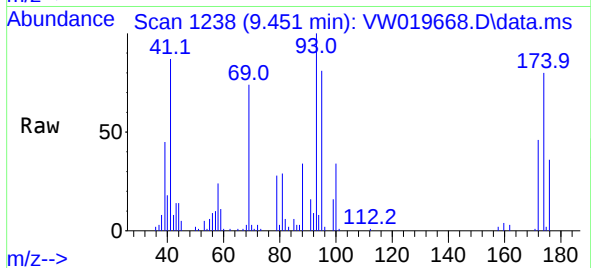
Tgt Ion:	41	Resp:	17168
Ion	Ratio	Lower	Upper
41	100		
69	94.0	74.5	111.7
39	60.5	41.1	61.7





#49
1,4-Dioxane
Concen: 109.394 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

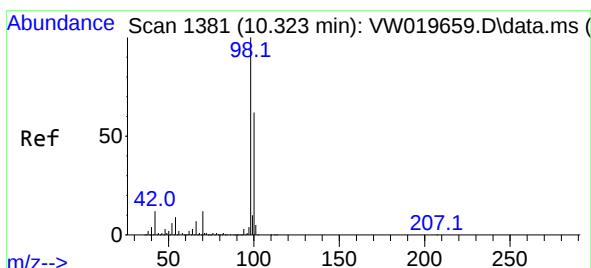
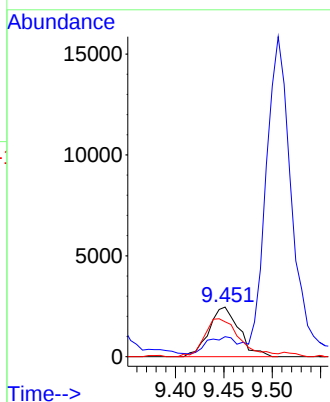
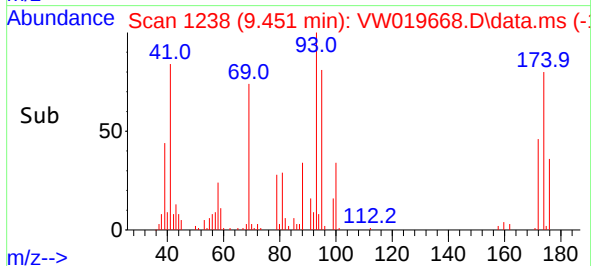
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



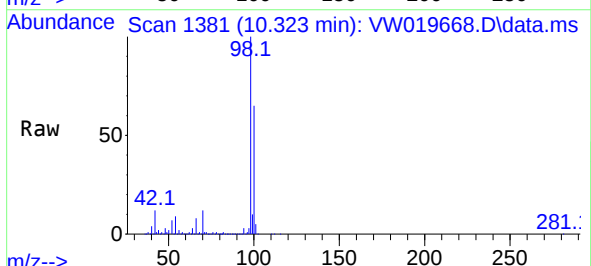
Tgt Ion: 88 Resp: 5325
Ion Ratio Lower Upper
88 100
43 31.8 0.0 0.0#
58 89.0 61.8 92.6

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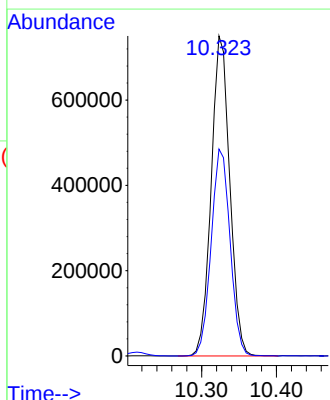
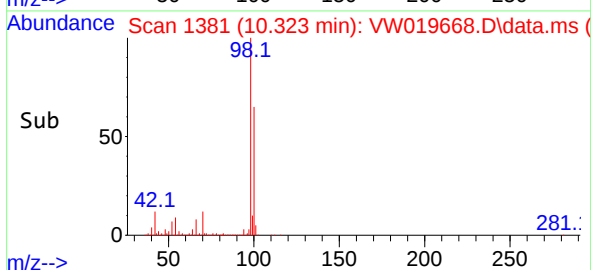
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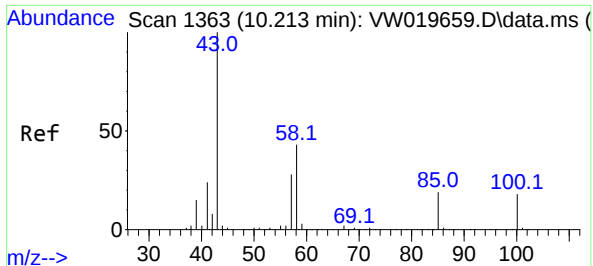


#50
Toluene-d8
Concen: 48.421 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 98 Resp: 1293923
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4





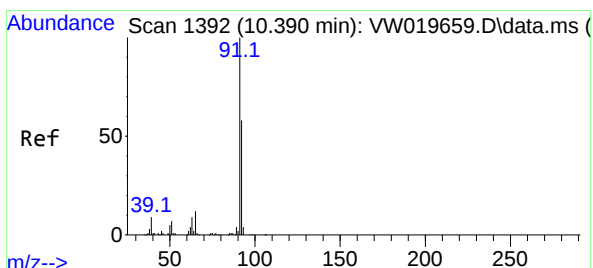
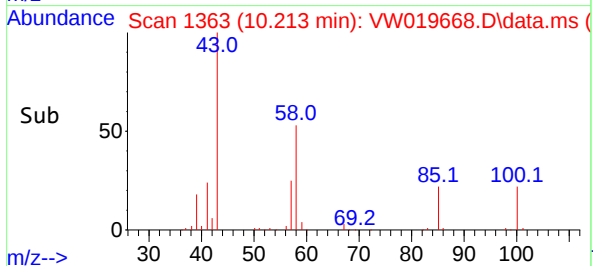
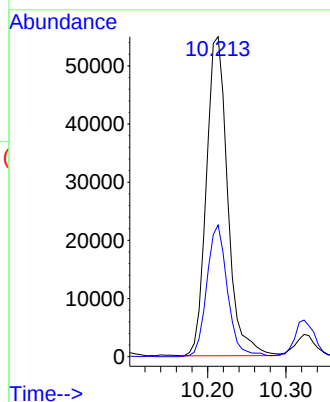
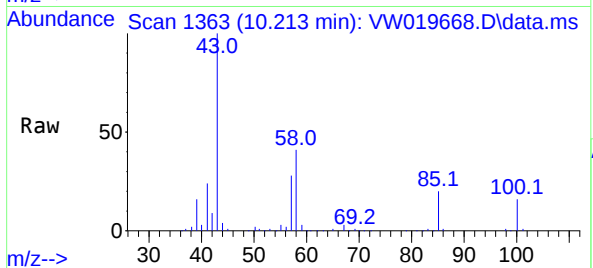
#51
4-Methyl-2-Pentanone
Concen: 26.542 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 43 Resp: 103568
Ion Ratio Lower Upper
43 100
58 40.0 33.4 50.0

Instrument :
MSVOA_W
ClientSampleId :
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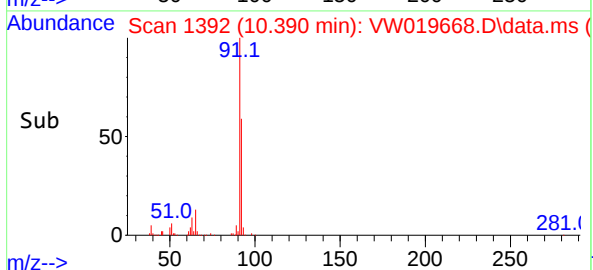
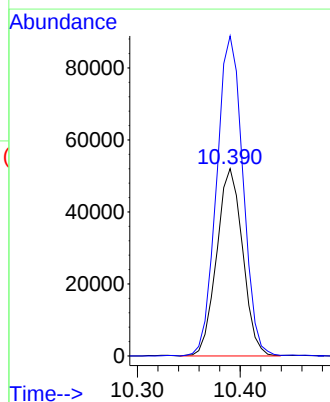
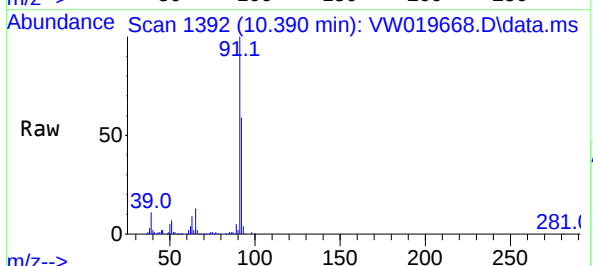
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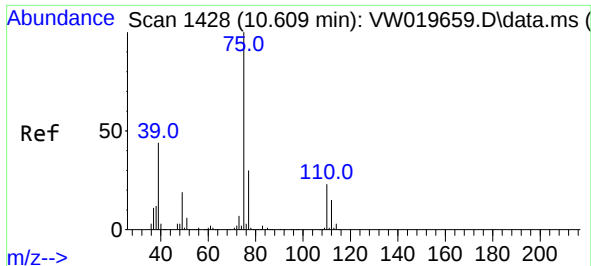
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#52
Toluene
Concen: 5.191 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 92 Resp: 91298
Ion Ratio Lower Upper
92 100
91 173.3 139.3 208.9





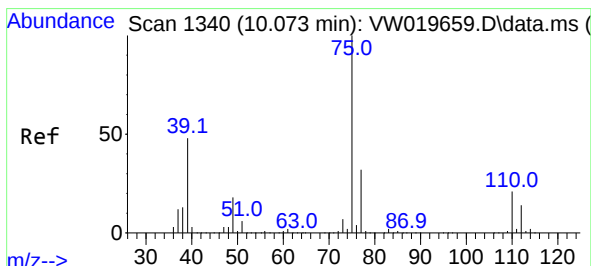
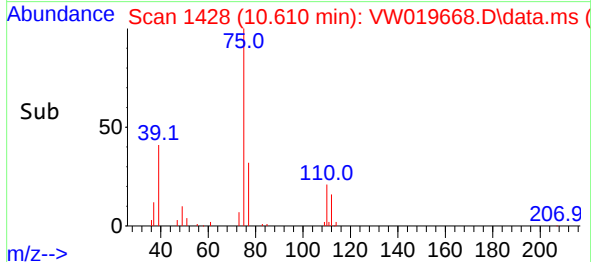
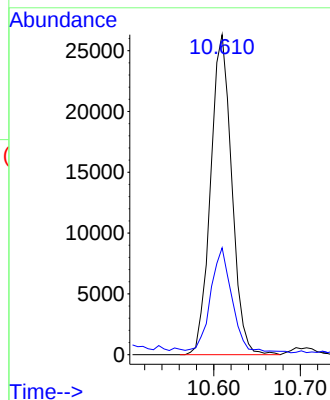
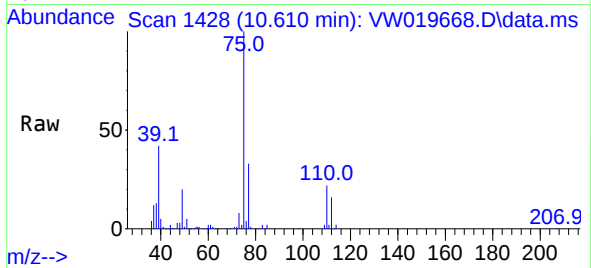
#53
t-1,3-Dichloropropene
Concen: 4.896 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 75 Resp: 44646
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3

Instrument :
MSVOA_W
ClientSampleId :
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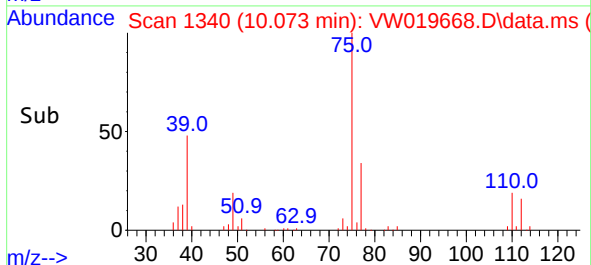
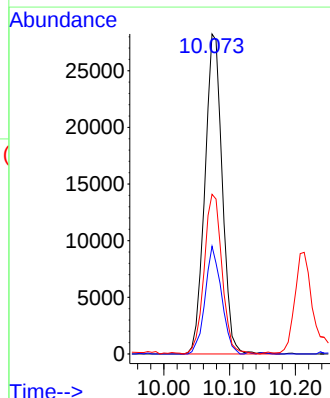
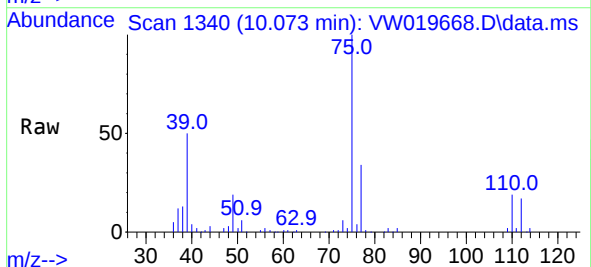
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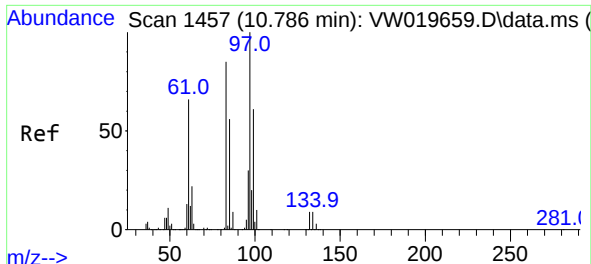
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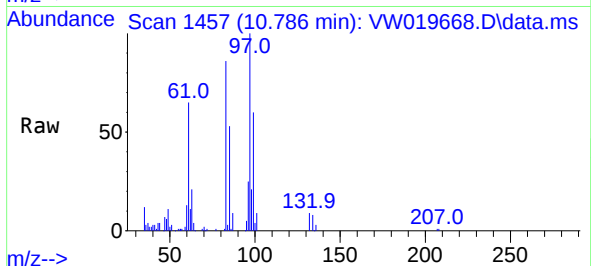
#54
cis-1,3-Dichloropropene
Concen: 4.875 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 75 Resp: 51977
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0
39 49.7 35.3 52.9



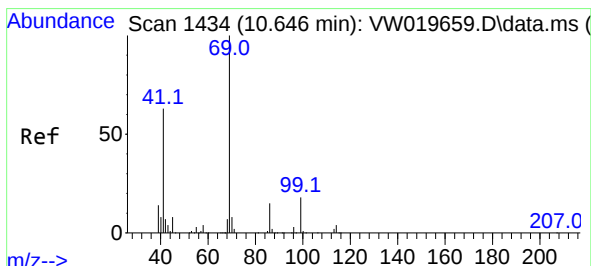
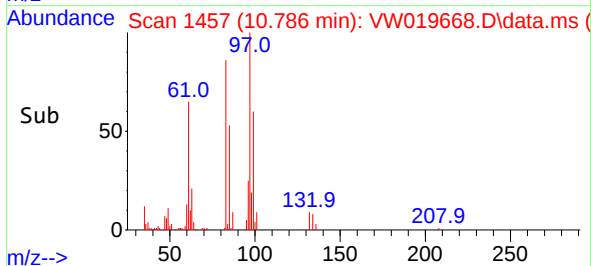
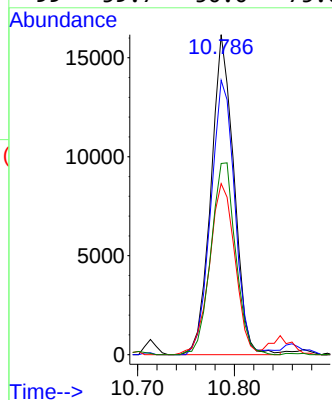


#55
1,1,2-Trichloroethane
Concen: 5.098 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

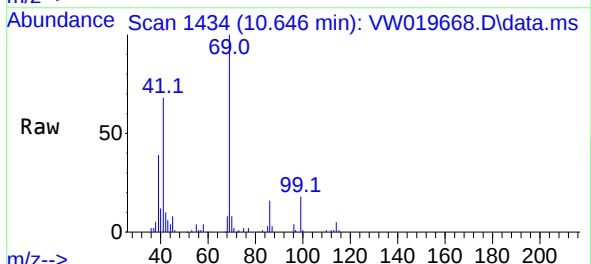


Tgt Ion: 97 Resp: 26651

Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.4	104.2
85	53.0	43.3	64.9
99	59.7	50.0	75.0

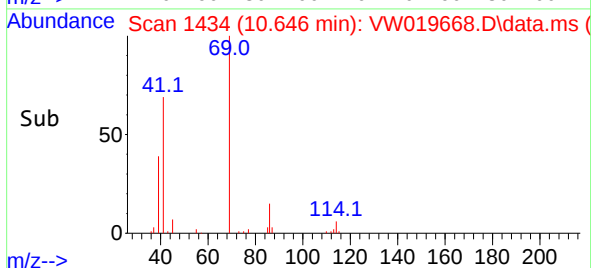
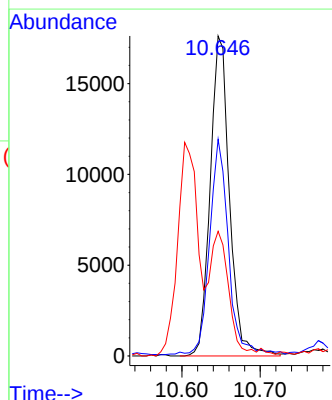


#56
Ethyl methacrylate
Concen: 4.786 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 69 Resp: 30091

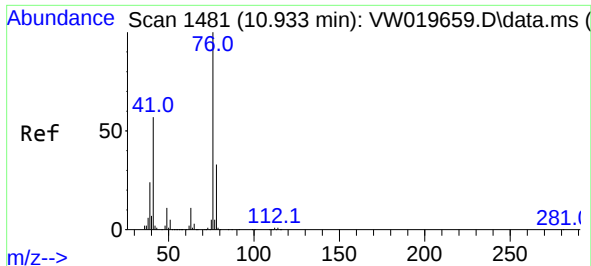
Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.0	76.6
39	35.7	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
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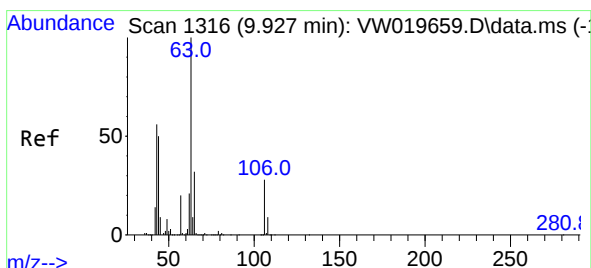
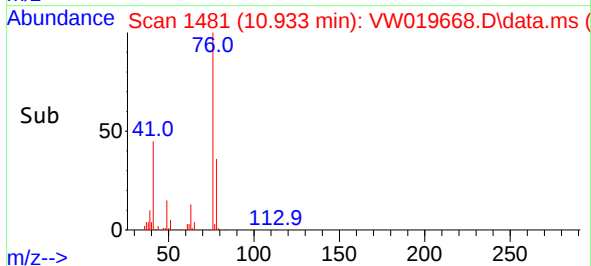
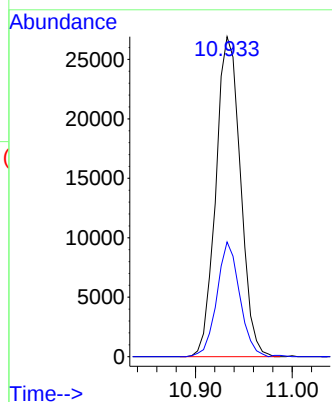
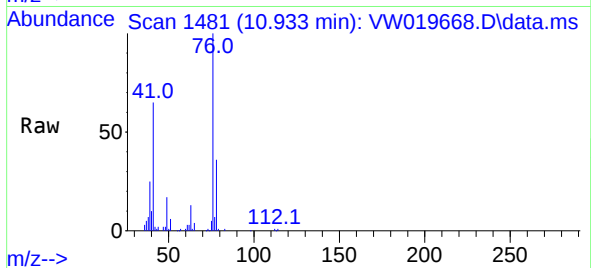
#57
1,3-Dichloropropane
Concen: 5.148 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 76 Resp: 47537
Ion Ratio Lower Upper
76 100
78 33.5 25.6 38.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

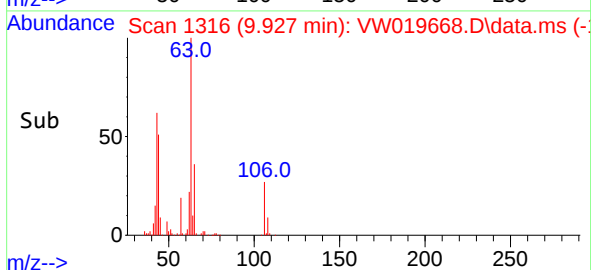
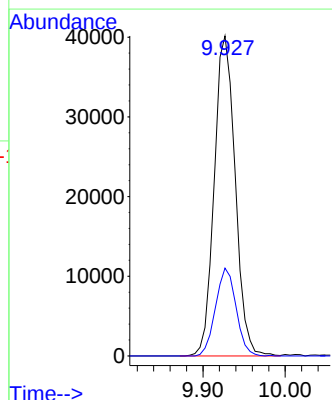
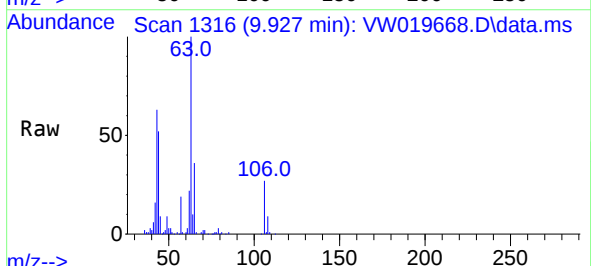
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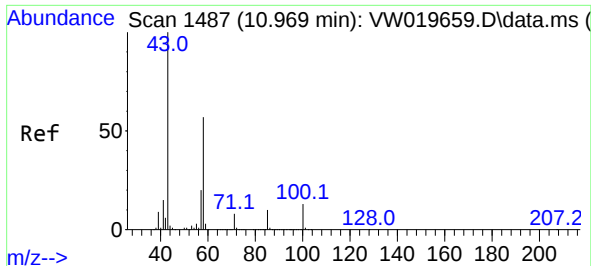
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#58
2-Chloroethyl Vinyl ether
Concen: 24.377 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

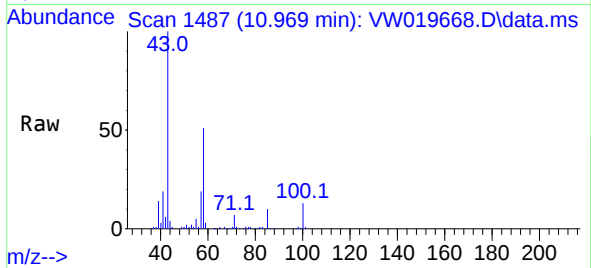
Tgt Ion: 63 Resp: 71186
Ion Ratio Lower Upper
63 100
106 26.9 22.6 33.8





#59
2-Hexanone
Concen: 26.120 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

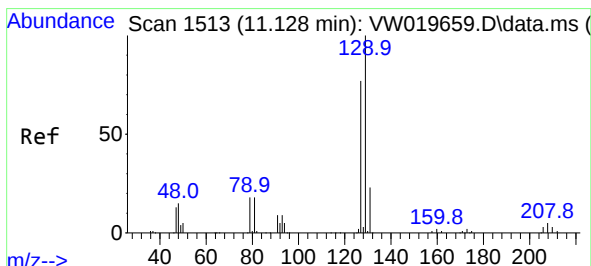
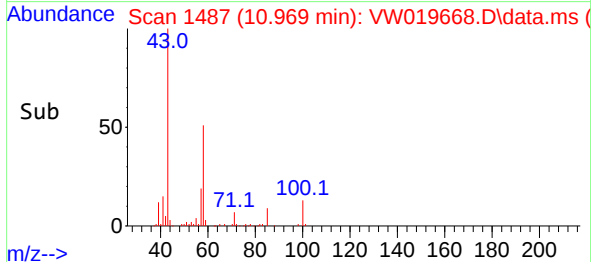
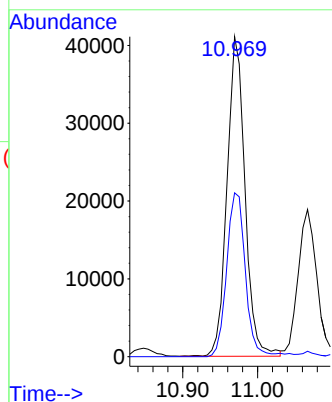
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion: 43 Resp: 68720
Ion Ratio Lower Upper
43 100
58 53.0 29.3 87.8

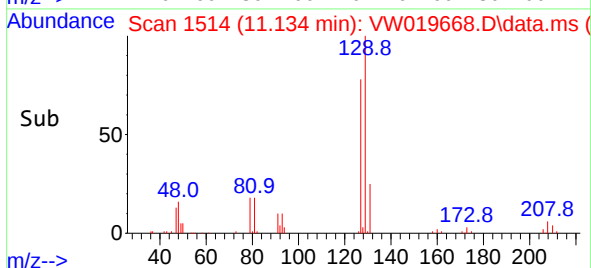
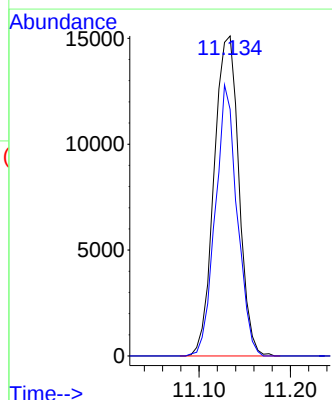
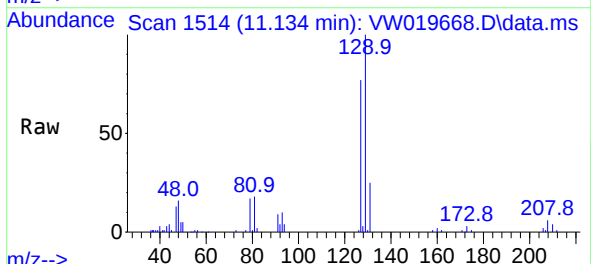
Manual Integrations
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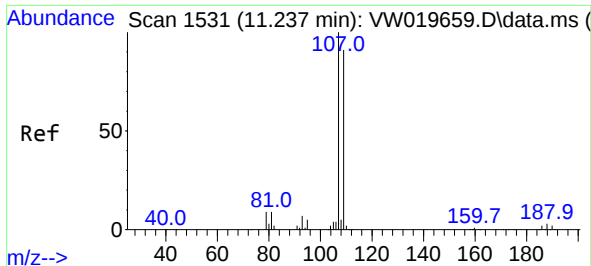
MMDadoda
8/4/2021 7:04:42 PM



#60
Dibromochloromethane
Concen: 5.007 ug/l
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

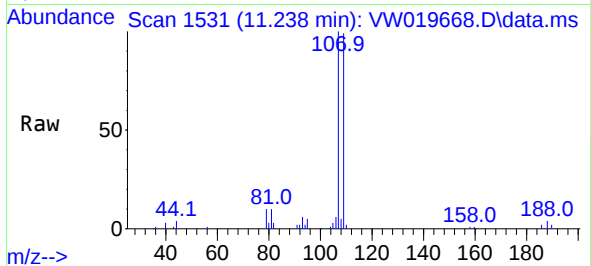
Tgt Ion: 129 Resp: 28470
Ion Ratio Lower Upper
129 100
127 74.7 39.8 119.4





#61
1,2-Dibromoethane
Concen: 5.175 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

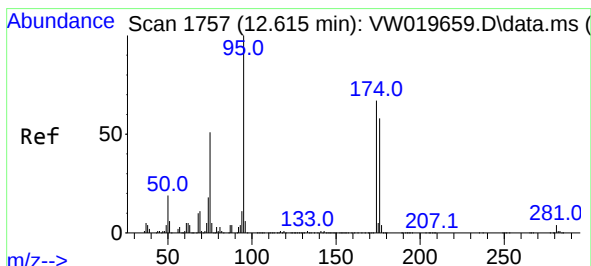
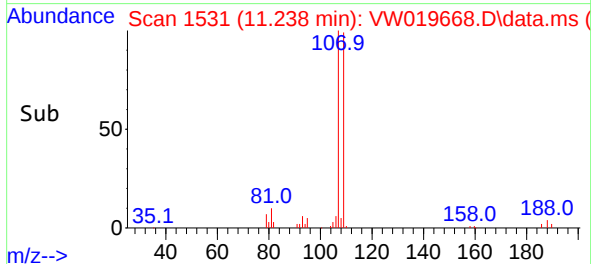
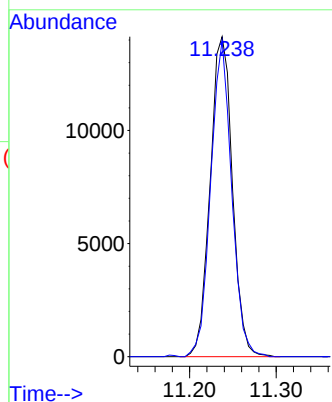
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



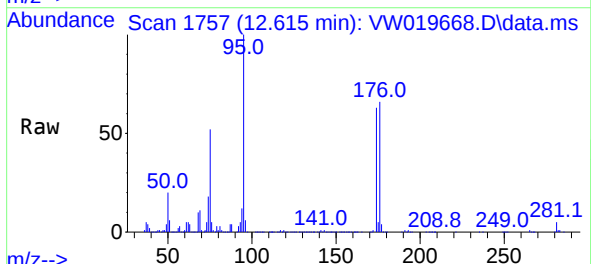
Tgt Ion:107 Resp: 25226
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8

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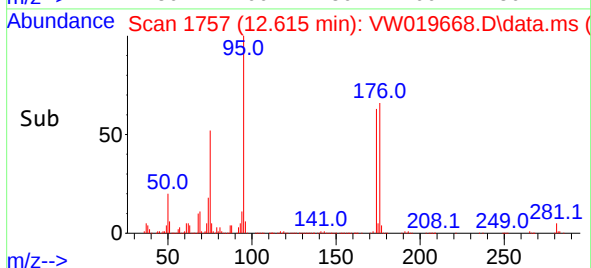
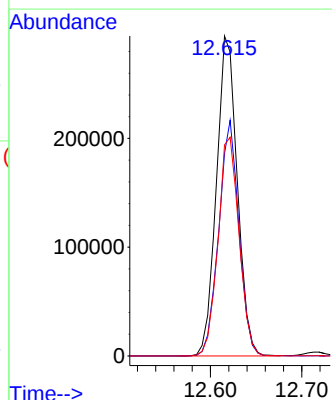
MMDadoda
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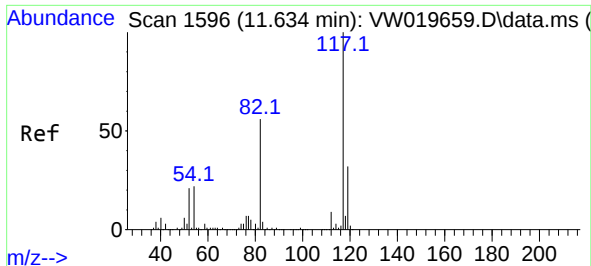


#62
4-Bromofluorobenzene
Concen: 48.951 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

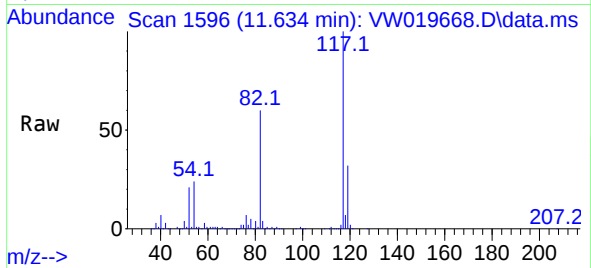


Tgt Ion: 95 Resp: 466721
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 68.9 0.0 136.8

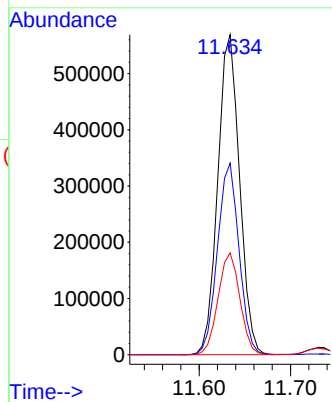
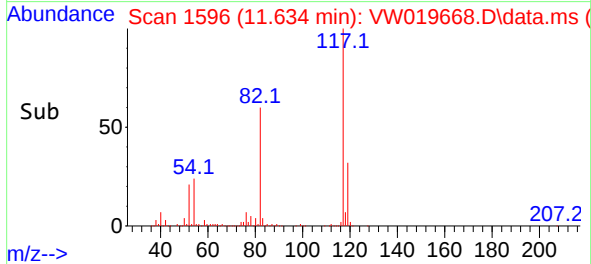




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



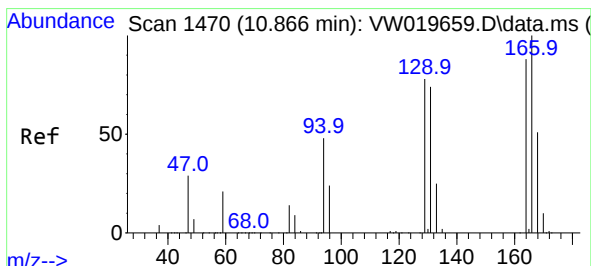
Tgt Ion:117 Resp: 942695
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 31.8 26.6 39.8



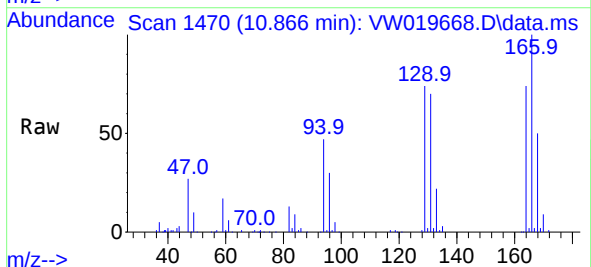
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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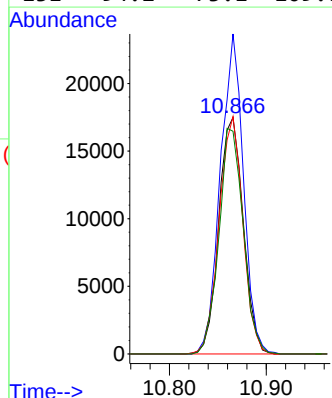
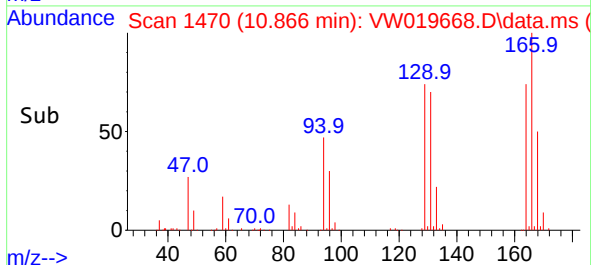
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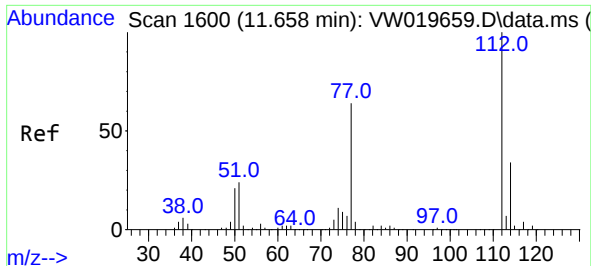


#64
Tetrachloroethene
Concen: 5.252 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion:164 Resp: 30730
Ion Ratio Lower Upper
164 100
166 135.3 98.5 147.7
129 100.4 76.3 114.5
131 94.2 73.1 109.7





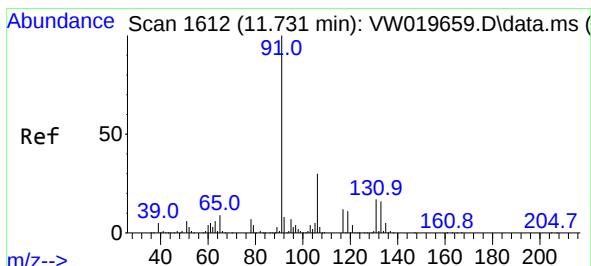
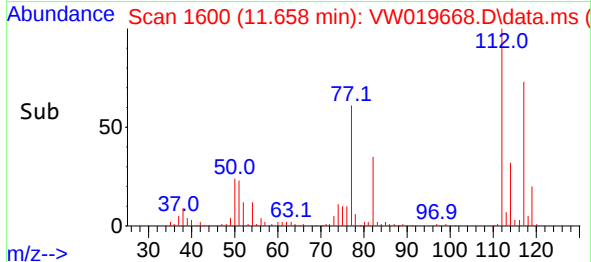
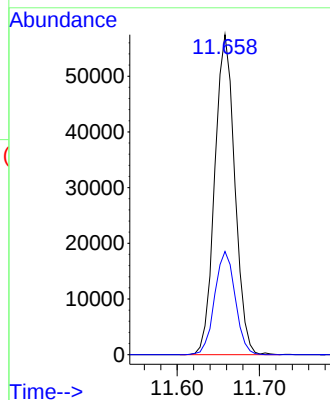
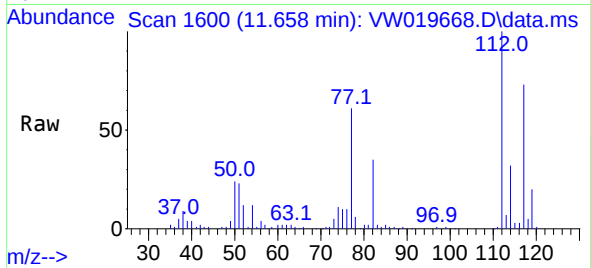
#65
Chlorobenzene
Concen: 5.188 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:112 Resp: 97047
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

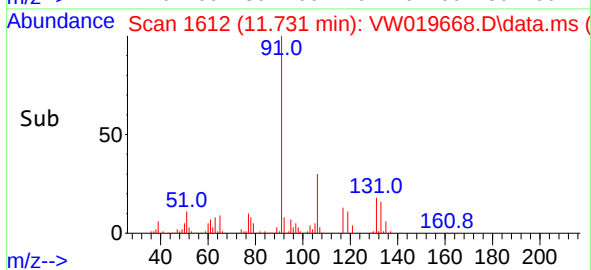
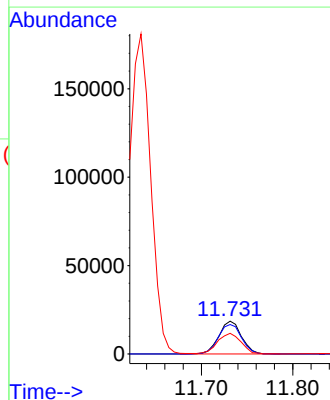
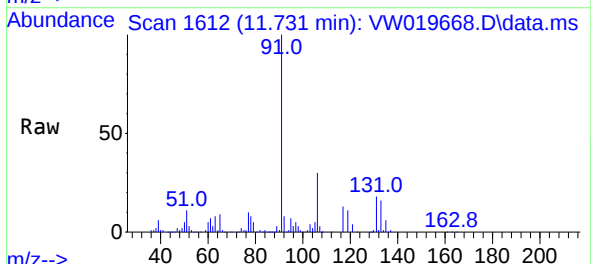
Manual Integrations
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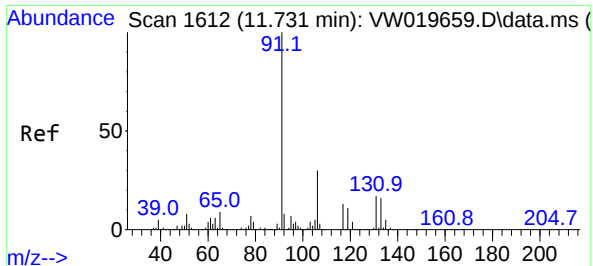
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.956 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

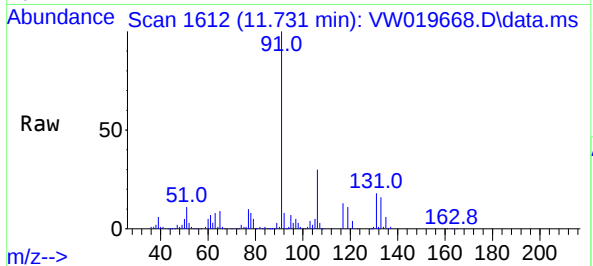
Tgt Ion:131 Resp: 31751
Ion Ratio Lower Upper
131 100
133 92.8 46.8 140.3
119 66.2 32.9 98.6





#67
Ethyl Benzene
Concen: 4.833 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

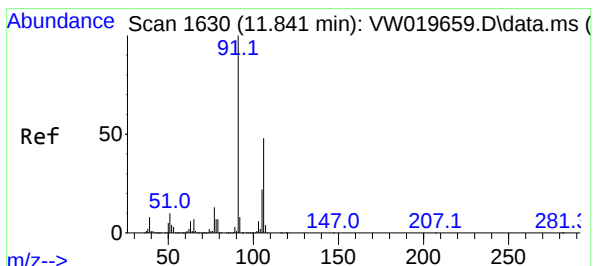
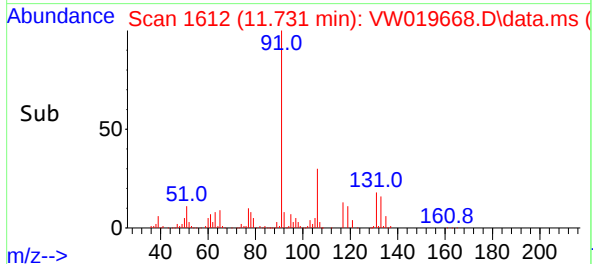
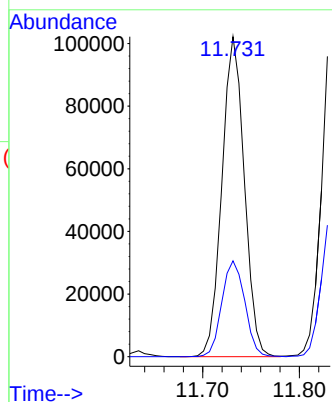
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



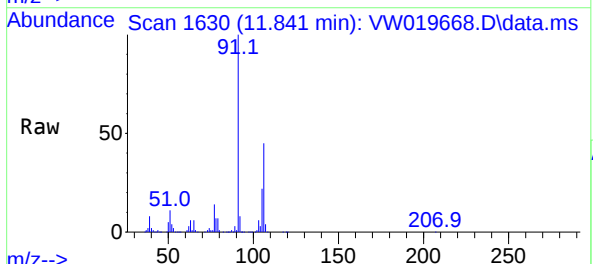
Tgt Ion: 91 Resp: 163934
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

Manual Integrations
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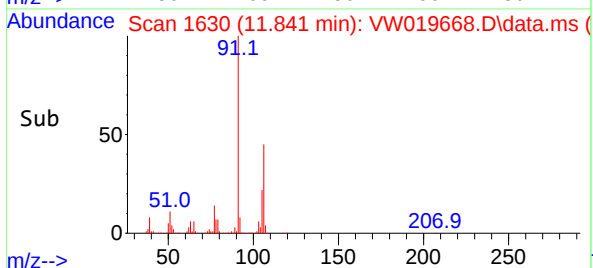
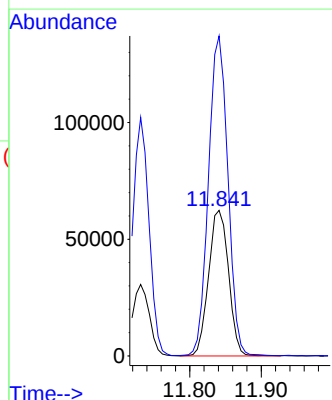
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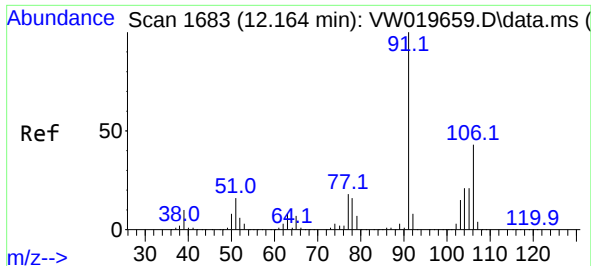


#68
m/p-Xylenes
Concen: 9.351 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 106 Resp: 121157
Ion Ratio Lower Upper
106 100
91 213.1 164.3 246.5





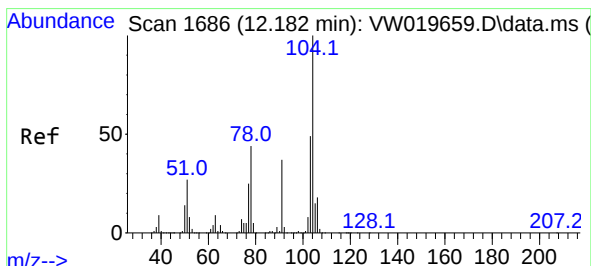
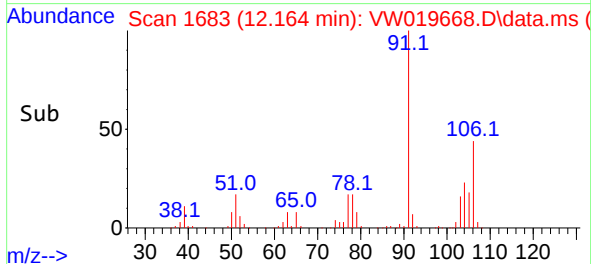
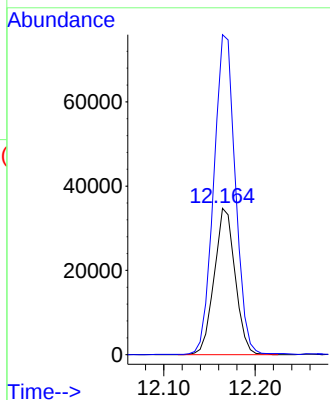
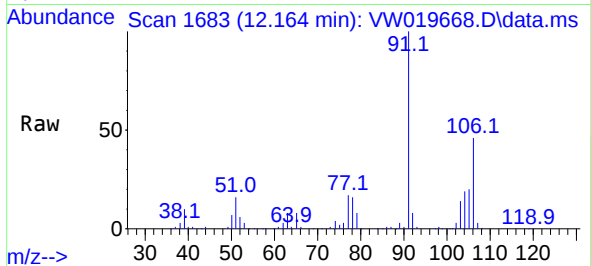
#69
o-Xylene
Concen: 4.605 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:106 Resp: 55283
Ion Ratio Lower Upper
106 100
91 225.6 106.5 319.6

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

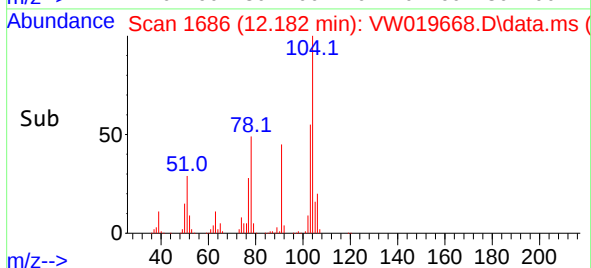
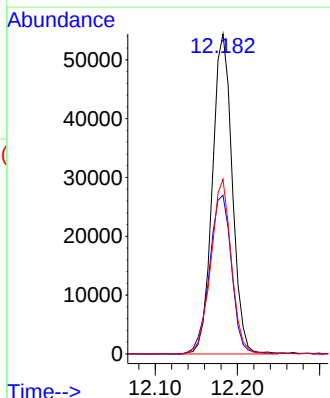
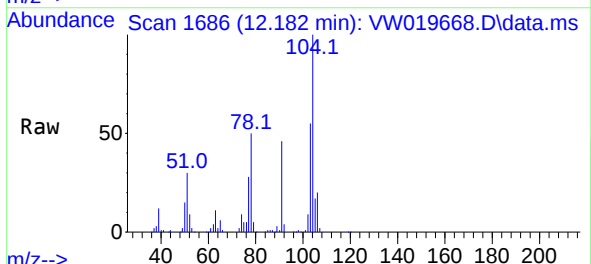
Manual Integrations
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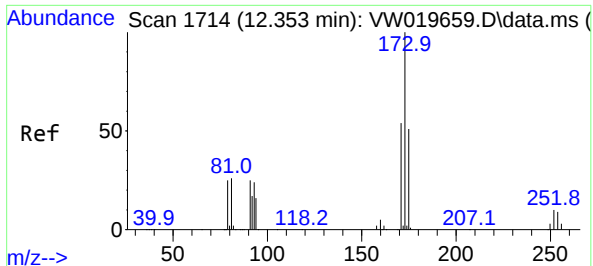
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#70
Styrene
Concen: 4.500 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:104 Resp: 91294
Ion Ratio Lower Upper
104 100
78 55.3 41.4 62.0
103 56.3 43.3 64.9





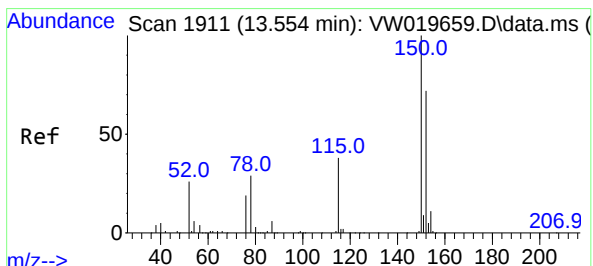
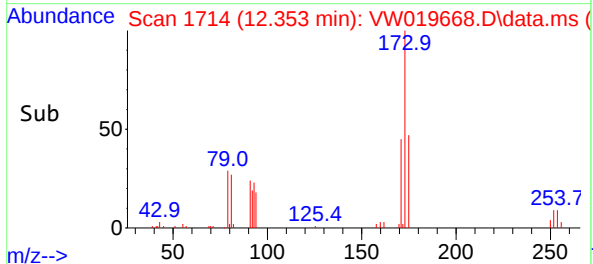
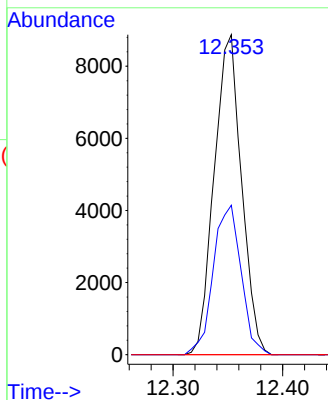
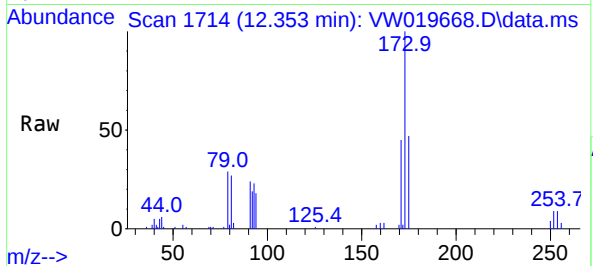
#71
Bromoform
Concen: 4.999 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:	173	Resp:	15384
Ion Ratio	Lower	Upper	
173	100		
175	47.5	21.9	65.8
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
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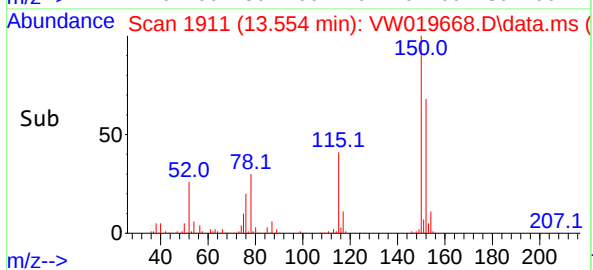
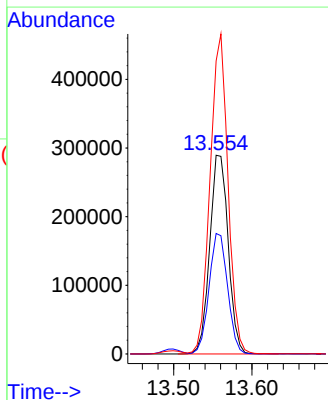
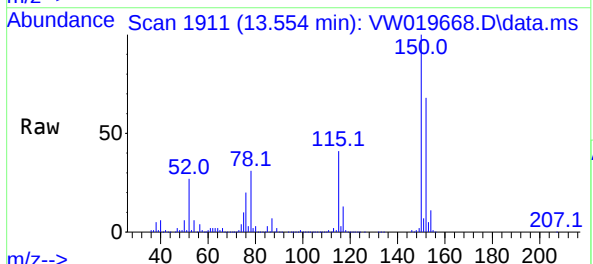
Manual Integrations
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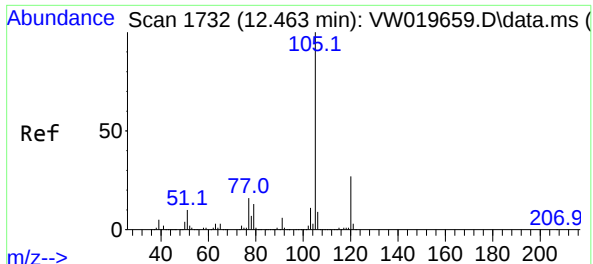
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

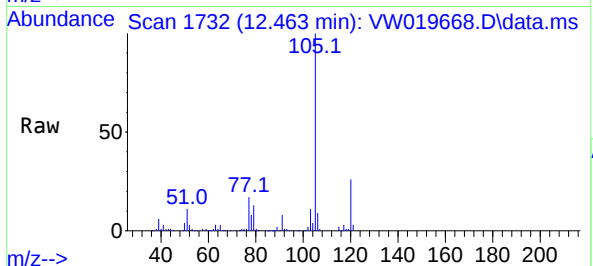
Tgt Ion:	152	Resp:	473648
Ion Ratio	Lower	Upper	
152	100		
115	60.7	30.6	91.8
150	155.6	0.0	342.4





#73
Isopropylbenzene
Concen: 4.448 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

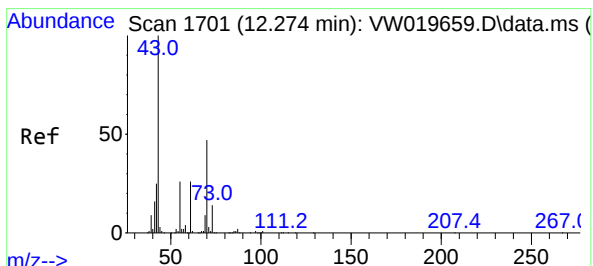
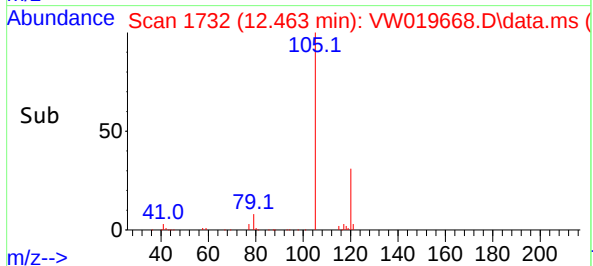
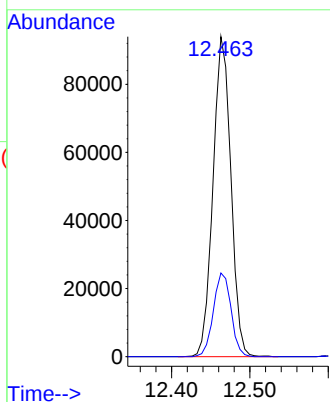
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



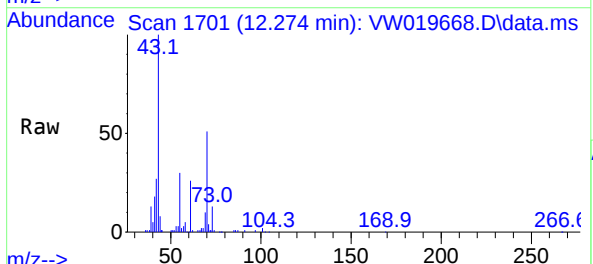
Tgt Ion: 105 Resp: 149156
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0

Manual Integrations
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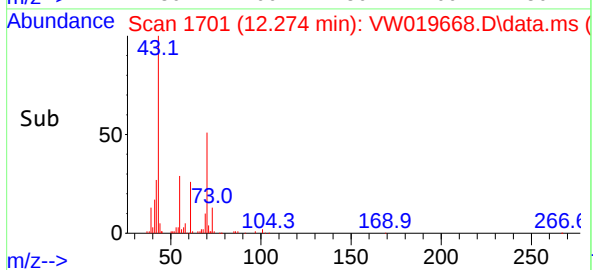
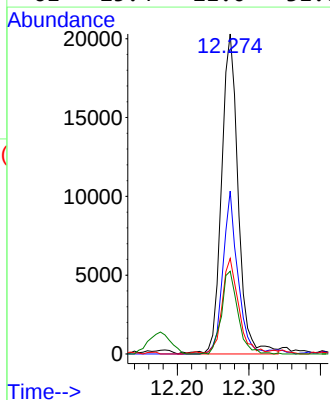
MMDadoda
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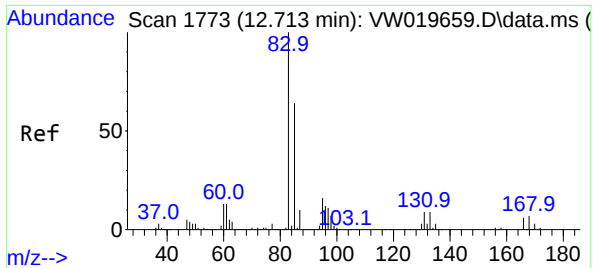


#74
N-ethyl acetate
Concen: 4.659 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 43 Resp: 32864
Ion Ratio Lower Upper
43 100
70 45.2 37.0 55.4
55 28.8 21.3 31.9
61 25.4 21.0 31.6





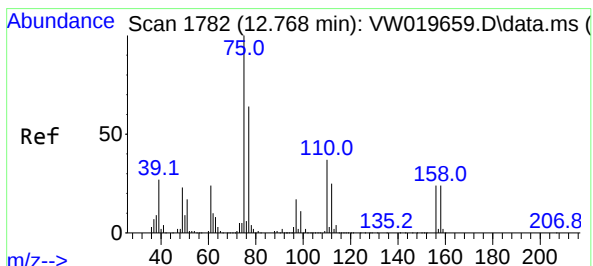
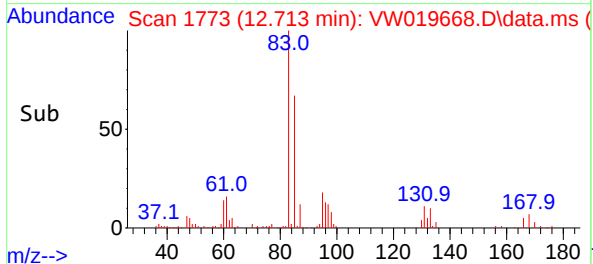
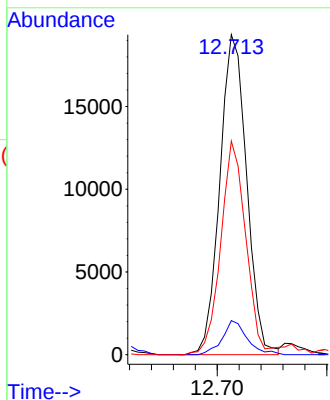
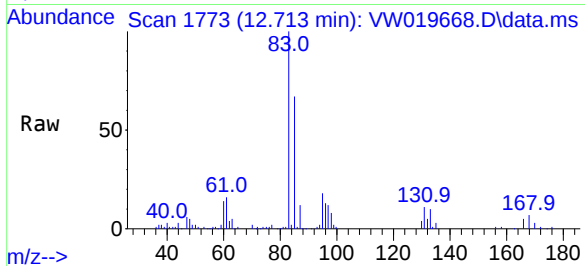
#75
1,1,2,2-Tetrachloroethane
Concen: 5.334 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion: 83 Resp: 32856
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 62.0 31.8 95.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

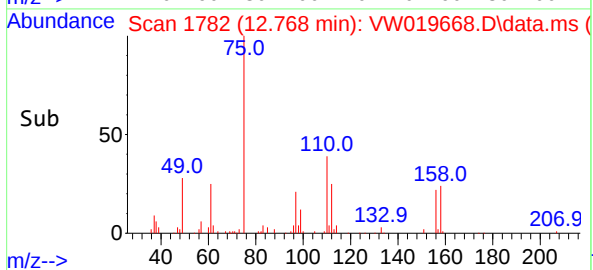
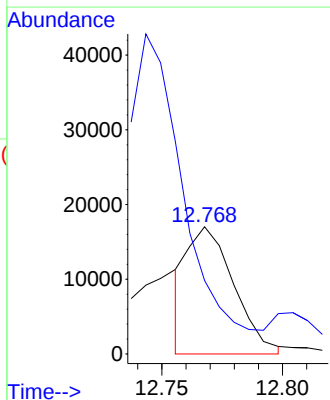
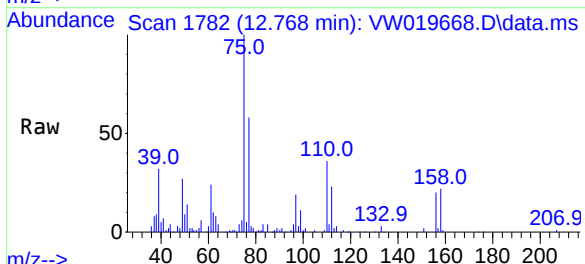
Manual Integrations
APPROVED

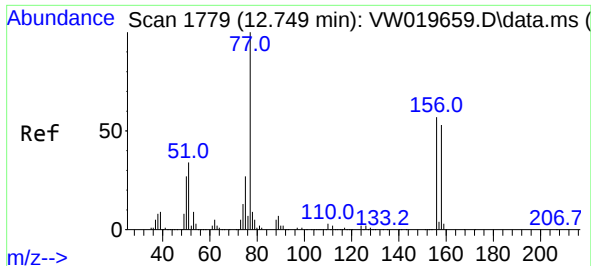
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#76
1,2,3-Trichloropropane
Concen: 5.072 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

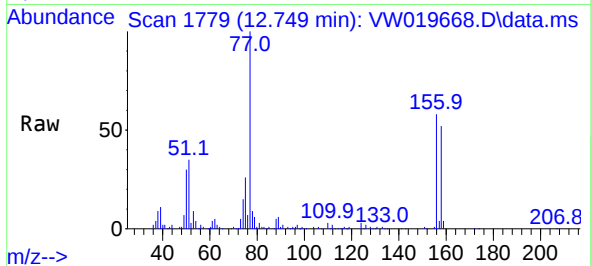
Tgt Ion: 75 Resp: 22870
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.006 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

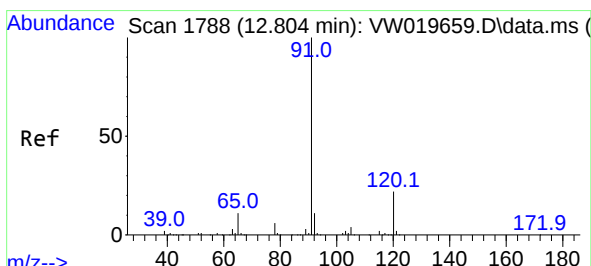
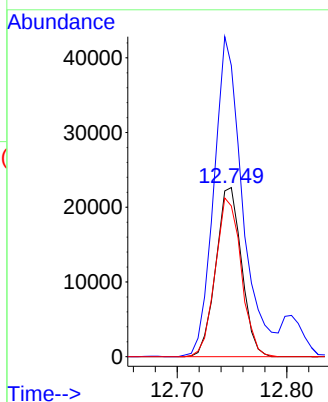
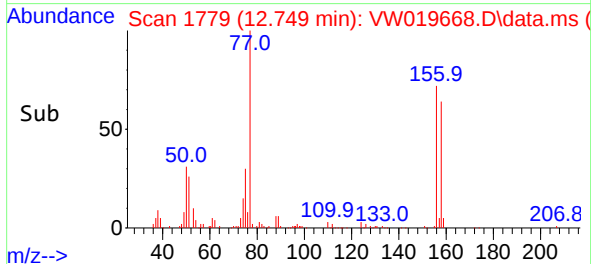
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



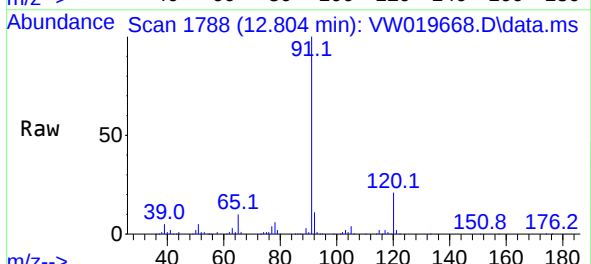
Tgt Ion:156 Resp: 36845
Ion Ratio Lower Upper
156 100
77 211.8 102.6 307.9
158 94.8 47.1 141.4

Manual Integrations
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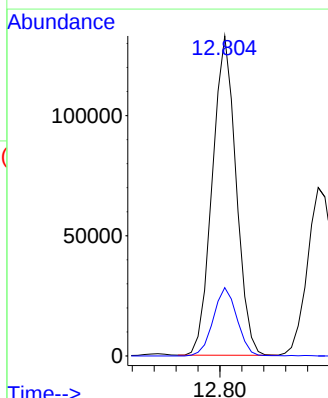
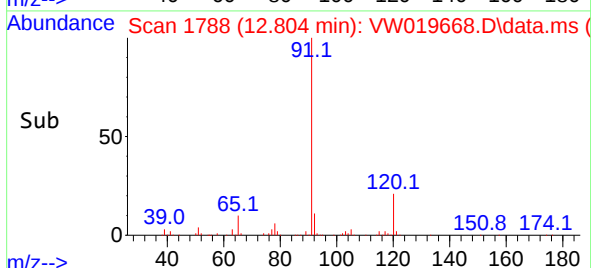
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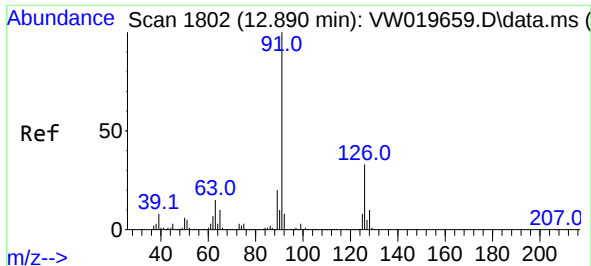


#78
n-propylbenzene
Concen: 4.852 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



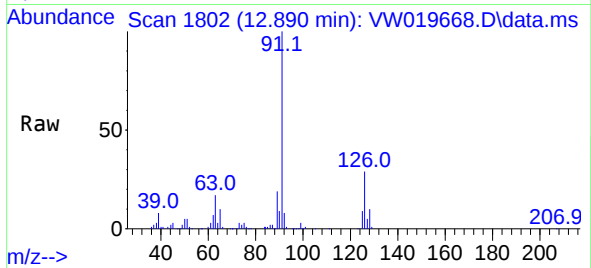
Tgt Ion: 91 Resp: 200042
Ion Ratio Lower Upper
91 100
120 21.4 11.2 33.6





#79
2-Chlorotoluene
Concen: 4.841 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

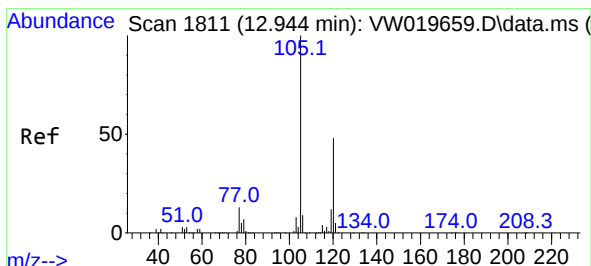
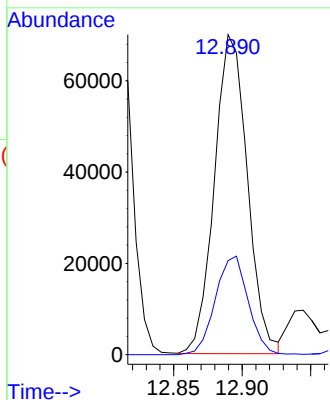
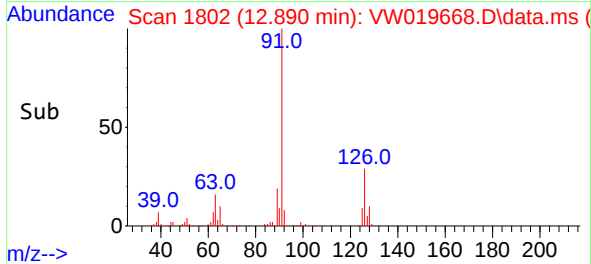
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



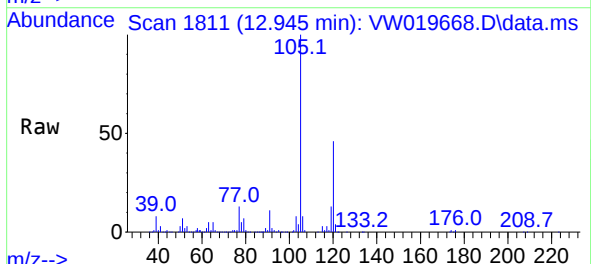
Tgt Ion: 91 Resp: 117017
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9

Manual Integrations
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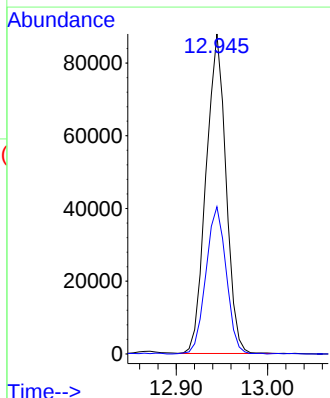
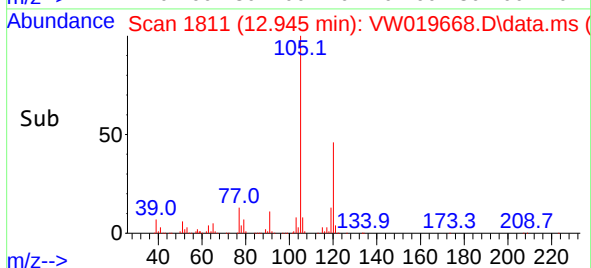
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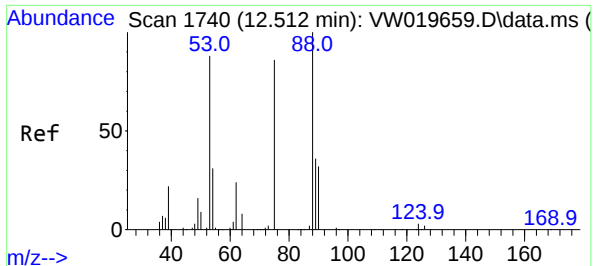


#80
1,3,5-Trimethylbenzene
Concen: 4.643 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



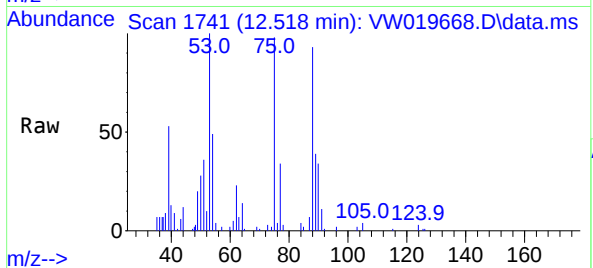
Tgt Ion: 105 Resp: 132721
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.714 ug/l
RT: 12.518 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

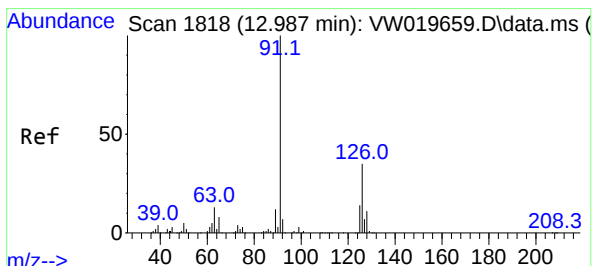
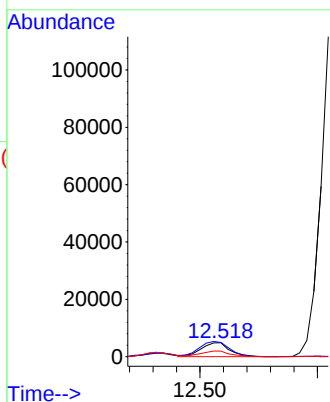
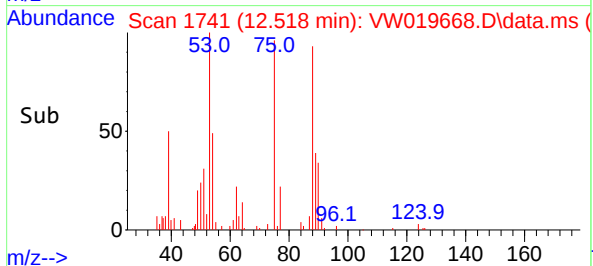
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



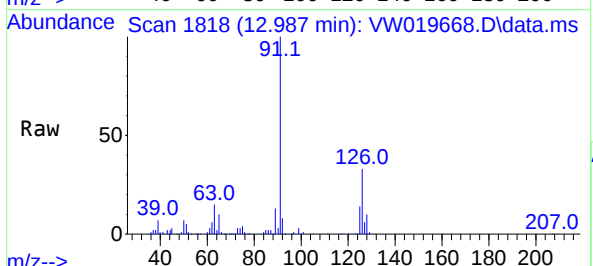
Tgt Ion: 75 Resp: 8265
Ion Ratio Lower Upper
75 100
53 113.3 75.8 113.8
89 40.5 35.7 53.5

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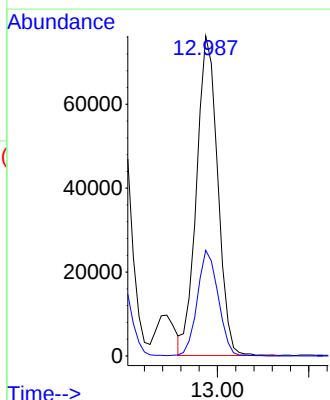
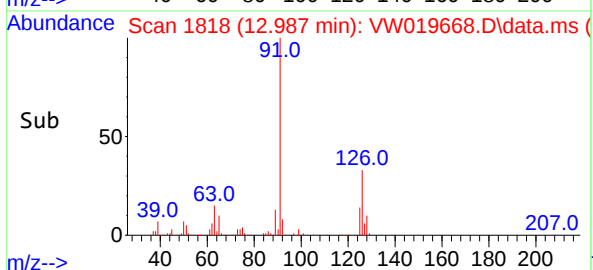
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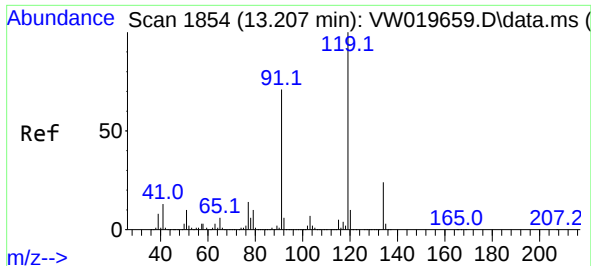


#82
4-Chlorotoluene
Concen: 4.863 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



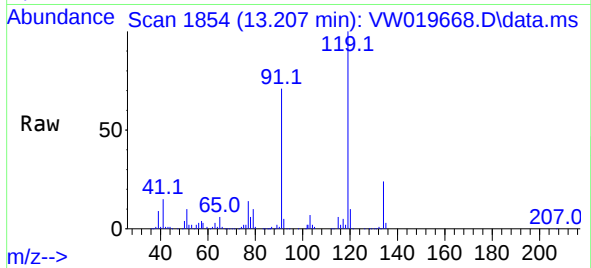
Tgt Ion: 91 Resp: 122258
Ion Ratio Lower Upper
91 100
126 32.7 15.7 47.1





#83
tert-Butylbenzene
Concen: 4.589 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

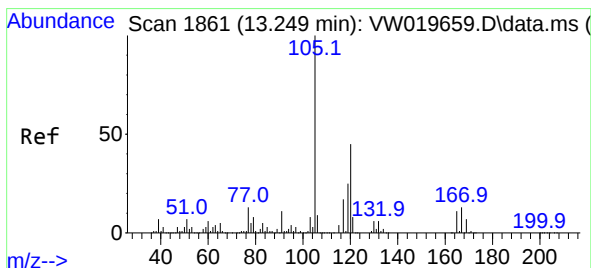
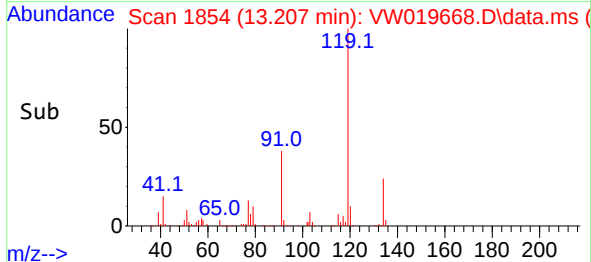
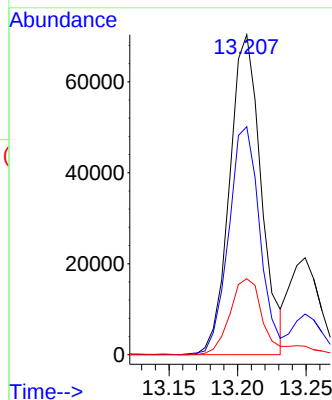
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



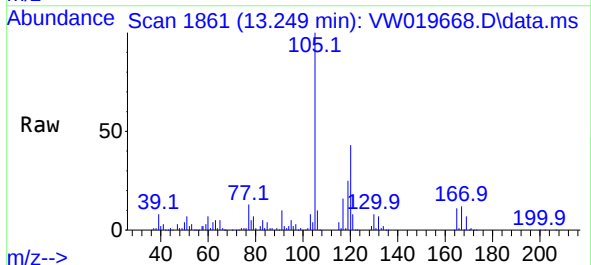
Tgt Ion:119 Resp: 112723
Ion Ratio Lower Upper
119 100
91 70.4 33.7 101.1
134 26.6 12.4 37.0

Manual Integrations
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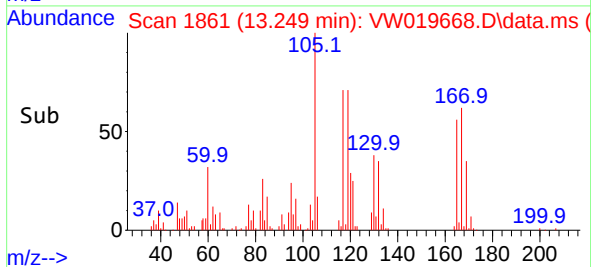
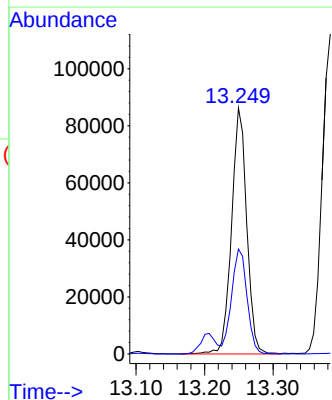
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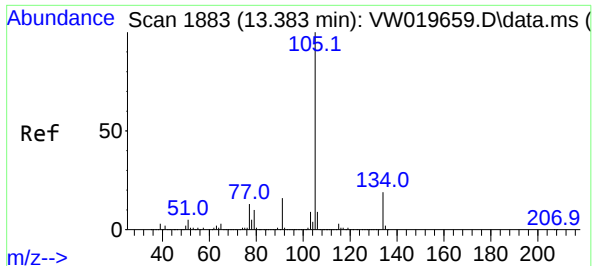


#84
1,2,4-Trimethylbenzene
Concen: 4.672 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



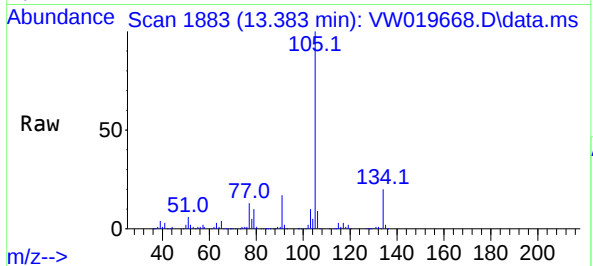
Tgt Ion:105 Resp: 132967
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 4.635 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW019668.D
 Acq: 03 Aug 2021 19:06

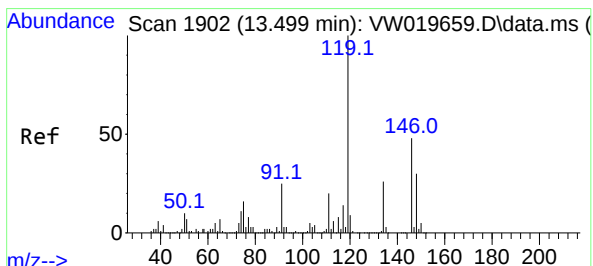
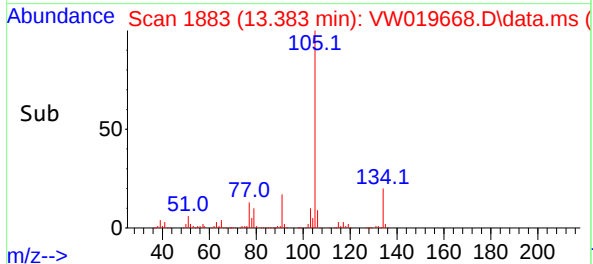
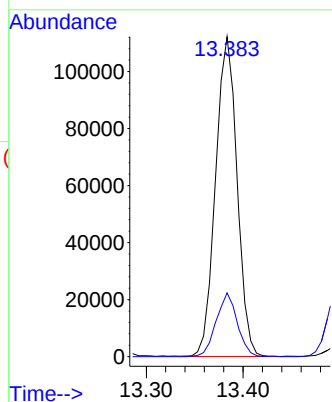
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



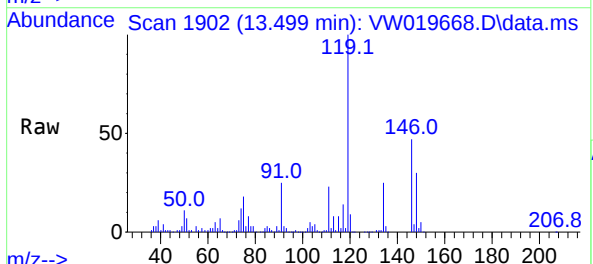
Tgt Ion:105 Resp: 172898
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

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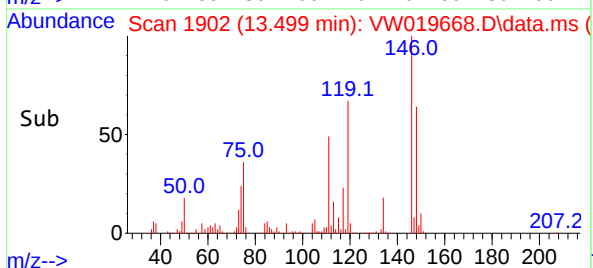
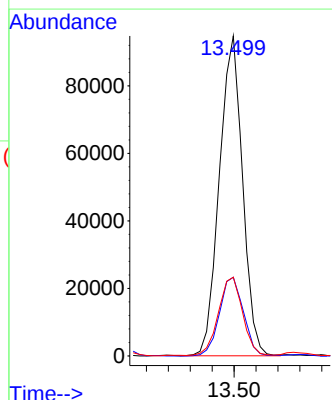
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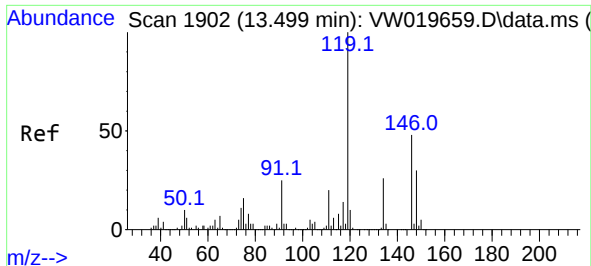


#86
 p-Isopropyltoluene
 Concen: 4.552 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW019668.D
 Acq: 03 Aug 2021 19:06

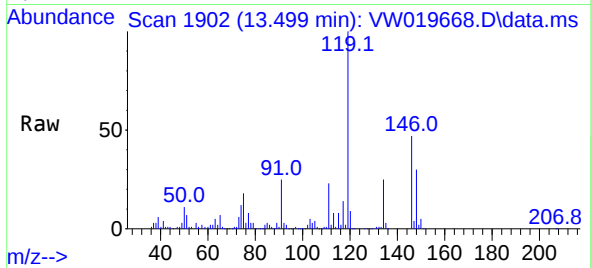


Tgt Ion:119 Resp: 139310
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.1 39.1
 91 25.8 12.1 36.3

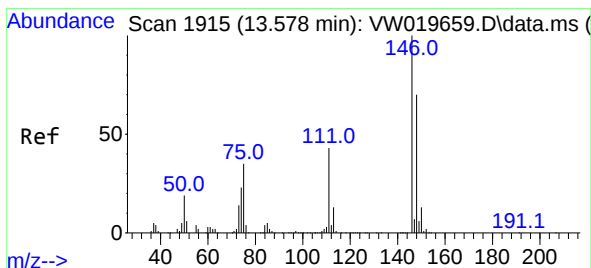
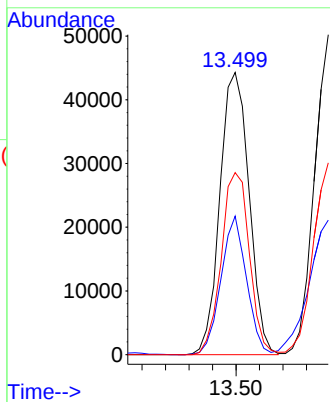
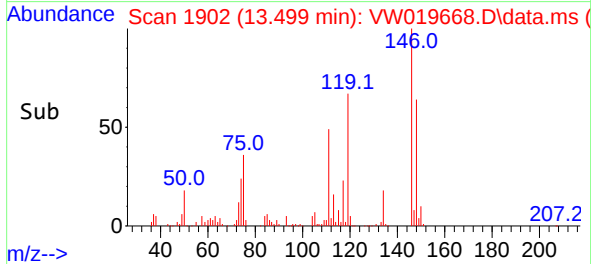




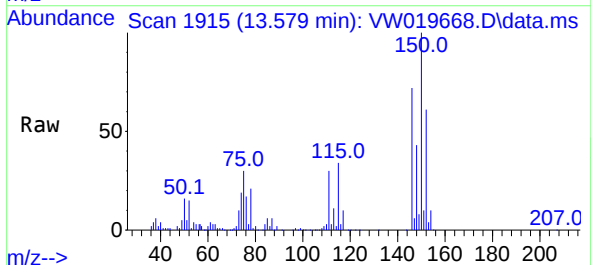
#87
1,3-Dichlorobenzene
Concen: 4.927 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



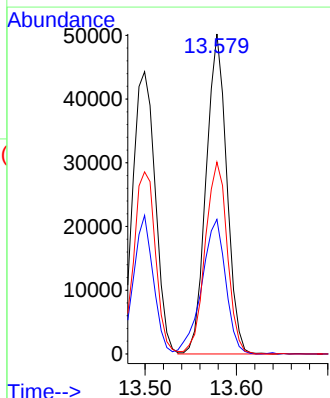
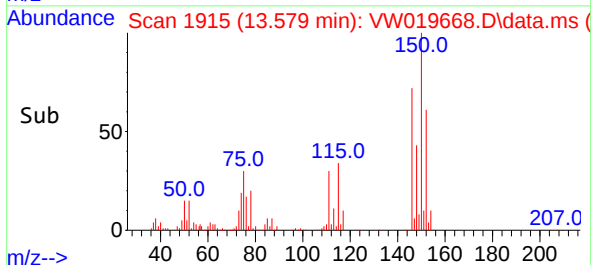
Tgt Ion:146 Resp: 76398
Ion Ratio Lower Upper
146 100
111 43.1 20.8 62.2
148 62.3 31.3 93.9



#88
1,4-Dichlorobenzene
Concen: 5.109 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



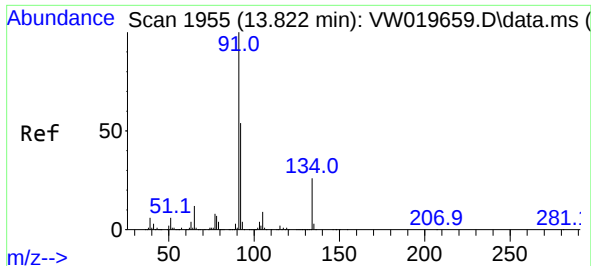
Tgt Ion:146 Resp: 78760
Ion Ratio Lower Upper
146 100
111 49.0 20.6 61.8
148 64.2 32.1 96.5



Instrument :
MSVOA_W
ClientSampleId :
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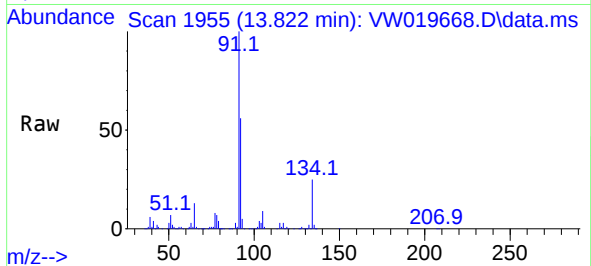
Manual Integrations
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#89
n-Butylbenzene
Concen: 4.697 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

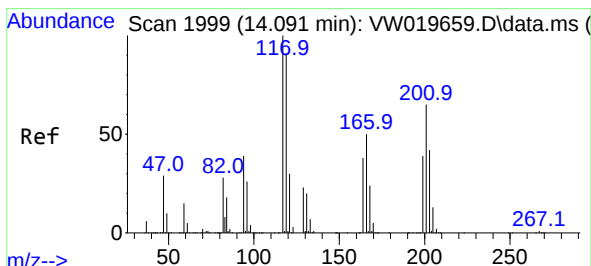
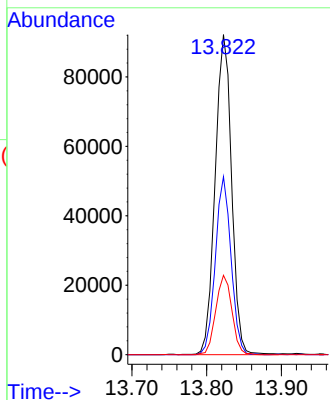
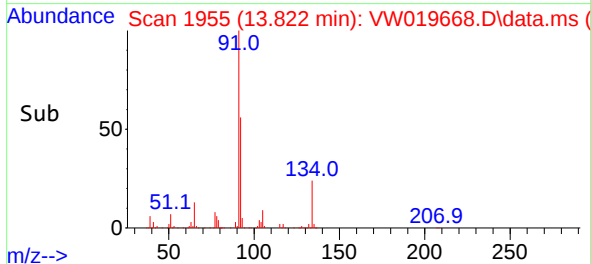
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ClientSampleId :
LOQ-SOIL-02-QT3-2021



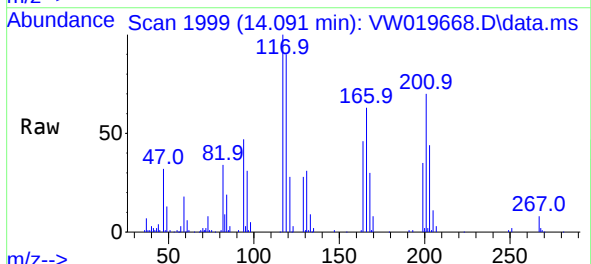
Tgt Ion: 91 Resp: 141430
Ion Ratio Lower Upper
91 100
92 52.9 27.7 83.1
134 24.3 12.7 38.1

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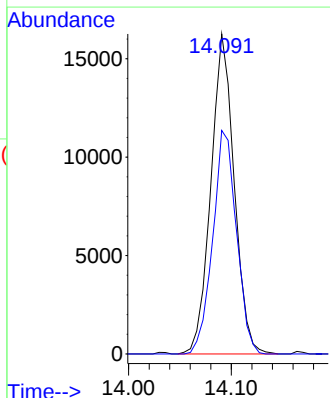
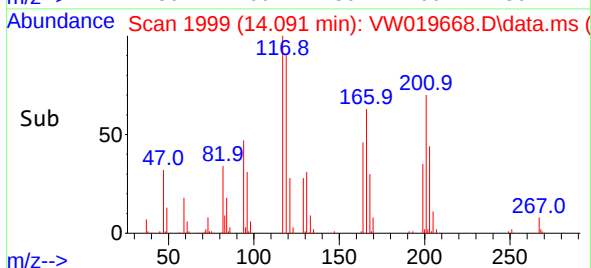
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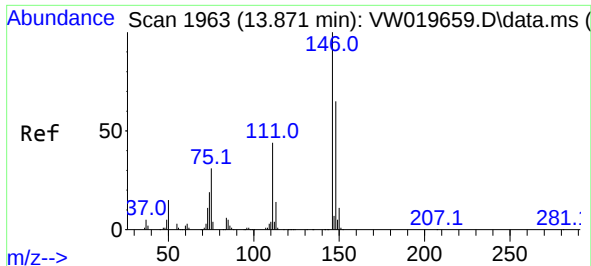


#90
Hexachloroethane
Concen: 4.580 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



Tgt Ion: 117 Resp: 25574
Ion Ratio Lower Upper
117 100
201 71.0 37.2 111.6





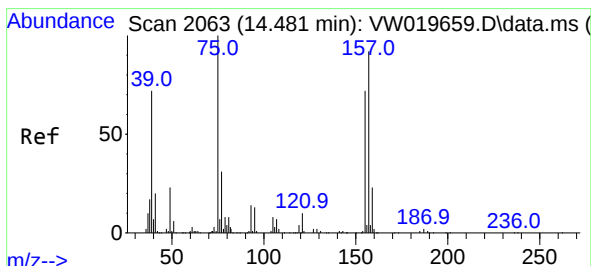
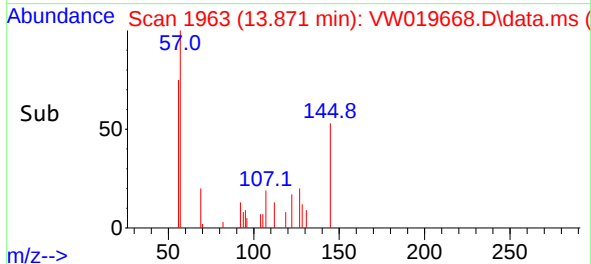
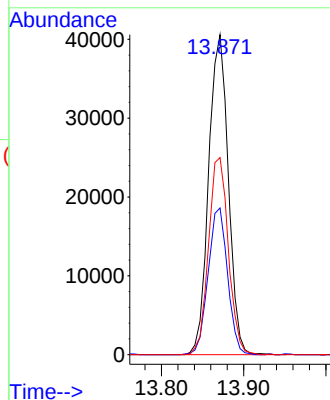
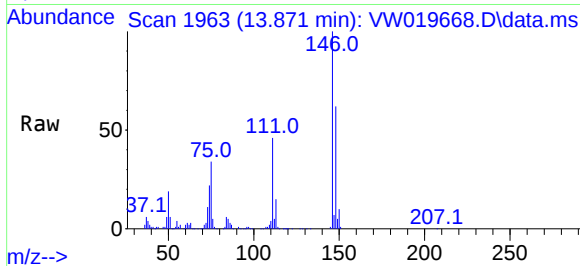
#91
1,2-Dichlorobenzene
Concen: 4.953 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.4	64.2
148	62.2	31.9	95.7

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

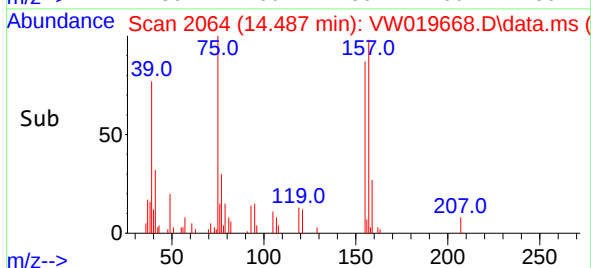
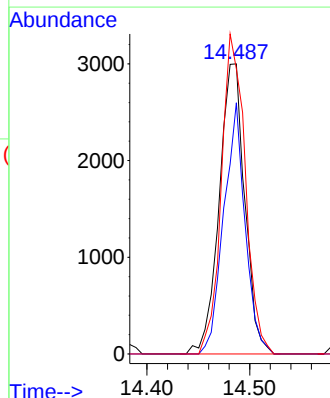
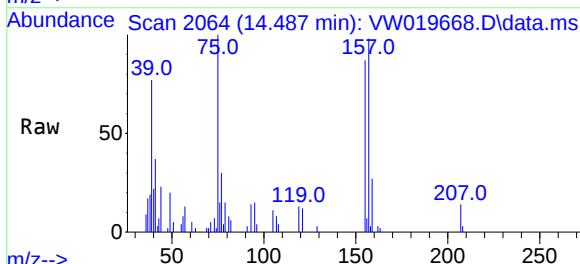
Manual Integrations
APPROVED

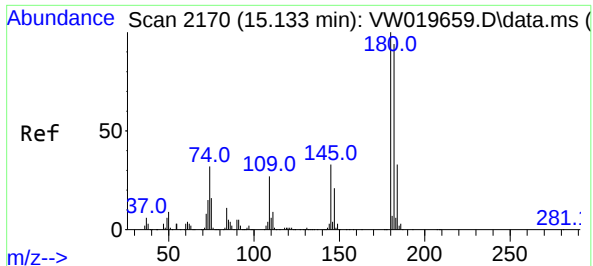
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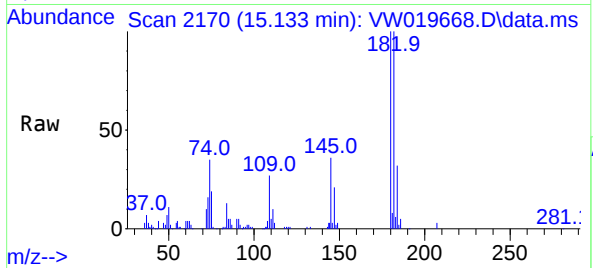
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.175 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	38.4	115.2
157	102.6	48.9	146.6

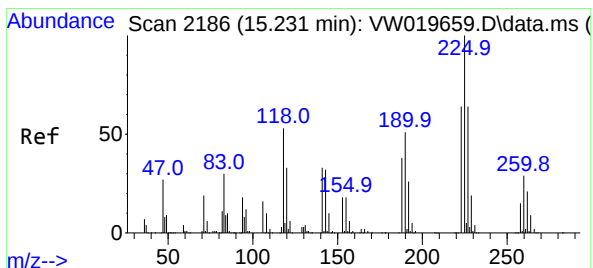
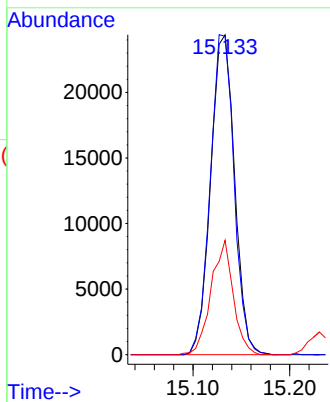
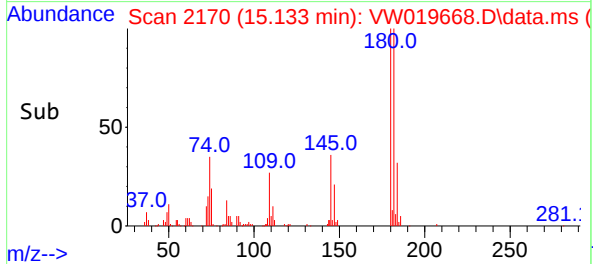




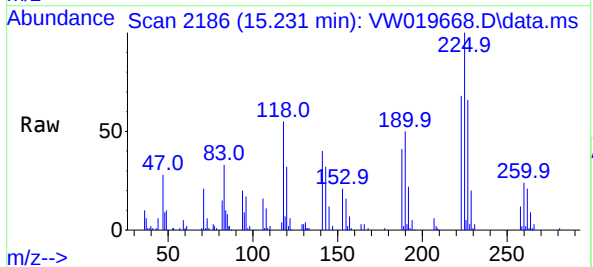
#93
1,2,4-Trichlorobenzene
Concen: 4.953 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



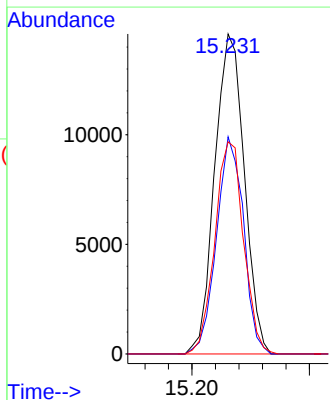
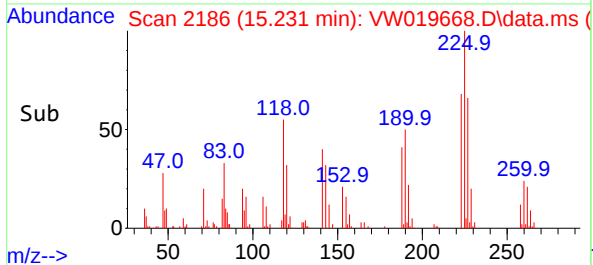
Tgt Ion:180 Resp: 41854
Ion Ratio Lower Upper
180 100
182 99.4 47.3 141.8
145 33.2 15.4 46.2



#94
Hexachlorobutadiene
Concen: 5.190 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06



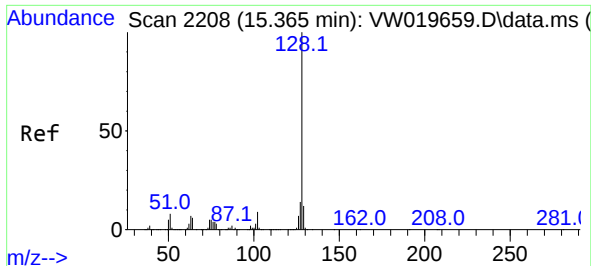
Tgt Ion:225 Resp: 25496
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.0
227 64.5 31.6 94.7



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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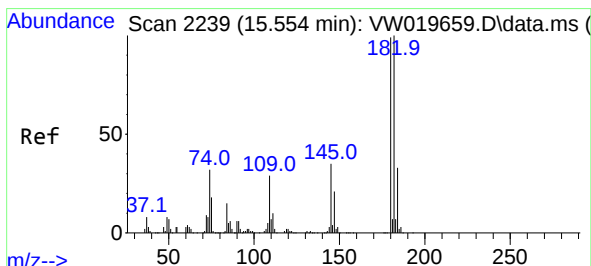
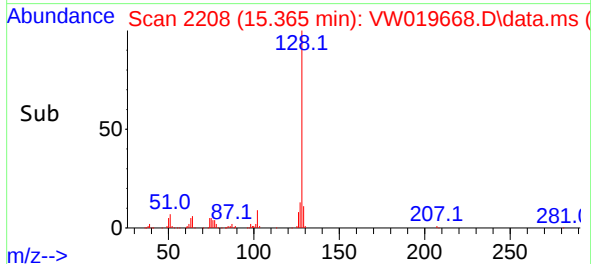
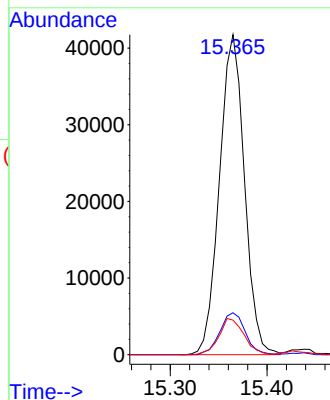
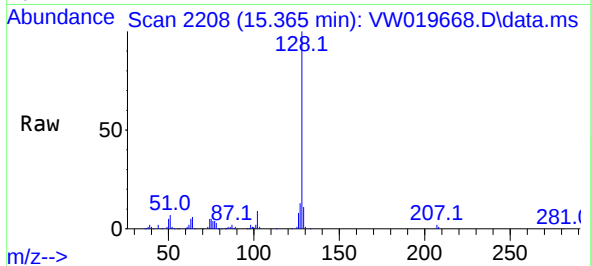
#95
Naphthalene
Concen: 4.753 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:	128	Resp:	74880
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.3	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.120 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019668.D
Acq: 03 Aug 2021 19:06

Tgt Ion:	180	Resp:	38247
Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.5	145.6
145	35.2	17.4	52.2

