

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102621\
 Data File : VW020699.D
 Acq On : 26 Oct 2021 15:08
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
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Quant Time: Oct 27 06:08:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 06:07:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	114254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	166780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	155124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	81611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	54062	42.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.180%		
35) Dibromofluoromethane	7.885	113	46168	42.328	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.660%		
50) Toluene-d8	10.323	98	183525	44.022	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.040%		
62) 4-Bromofluorobenzene	12.615	95	68888	45.076	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	649	2.156	ug/l	92
3) Chloromethane	2.209	50	4041	5.345	ug/l	99
4) Vinyl Chloride	2.355	62	4448	4.587	ug/l	93
5) Bromomethane	2.764	94	3199	5.550	ug/l	98
6) Chloroethane	2.904	64	1872	4.344	ug/l	93
7) Trichlorofluoromethane	3.245	101	3191	4.600	ug/l	95
8) Diethyl Ether	3.684	74	2632	4.756	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.056	101	5601	4.919	ug/l	98
10) Methyl Iodide	4.263	142	6309	4.463	ug/l	99
11) Tert butyl alcohol	5.184	59	1510	19.423	ug/l #	84
12) 1,1-Dichloroethene	4.032	96	5136	4.830	ug/l	94
13) Acrolein	3.891	56	1768	25.405	ug/l	97
14) Allyl chloride	4.660	41	8225	4.791	ug/l	97
15) Acrylonitrile	5.379	53	5830	20.652	ug/l	98
16) Acetone	4.135	43	6828	22.009	ug/l	92
17) Carbon Disulfide	4.379	76	15162	4.907	ug/l	99
18) Methyl Acetate	4.672	43	4264	4.452	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	7964	4.366	ug/l	98
20) Methylene Chloride	4.916	84	12335	7.888	ug/l	99
21) trans-1,2-Dichloroethene	5.422	96	5932	4.995	ug/l	93
22) Diisopropyl ether	6.318	45	15543	4.627	ug/l #	93
23) Vinyl Acetate	6.263	43	40826	20.752	ug/l	100
24) 1,1-Dichloroethane	6.214	63	10666	4.967	ug/l	93
25) 2-Butanone	7.177	43	7546	19.492	ug/l #	87
26) 2,2-Dichloropropane	7.171	77	6995	4.977	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	6160	4.868	ug/l	99
28) Bromochloromethane	7.513	49	4617	5.201	ug/l #	95
29) Tetrahydrofuran	7.537	42	4583	19.350	ug/l	98
30) Chloroform	7.677	83	11175	4.989	ug/l	97
31) Cyclohexane	7.952	56	12228	5.676	ug/l #	79
32) 1,1,1-Trichloroethane	7.872	97	9227	4.871	ug/l	98
36) 1,1-Dichloropropene	8.080	75	8883	4.946	ug/l	99
37) Ethyl Acetate	7.257	43	3533	4.251	ug/l	95
38) Carbon Tetrachloride	8.067	117	8658	4.861	ug/l	95
39) Methylcyclohexane	9.336	83	10188	4.865	ug/l	98
40) Benzene	8.323	78	29076	5.915	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1953	4.034	ug/l	98
42) 1,2-Dichloroethane	8.403	62	7930	5.011	ug/l	99
43) Isopropyl Acetate	8.427	43	6752	4.378	ug/l	96
44) Trichloroethene	9.092	130	6687	5.006	ug/l	98
45) 1,2-Dichloropropane	9.372	63	5811	4.932	ug/l	95
46) Dibromomethane	9.457	93	3158	4.771	ug/l	98
47) Bromodichloromethane	9.646	83	7783	4.770	ug/l	98
48) Methyl methacrylate	9.439	41	2723	3.669	ug/l	90
49) 1,4-Dioxane	9.457	88	676	76.839	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	16082	19.177	ug/l	100
52) Toluene	10.390	92	15607	5.054	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	7638	4.600	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	8724	4.638	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	4279	4.640	ug/l	97
56) Ethyl methacrylate	10.646	69	4690	3.956	ug/l	98
57) 1,3-Dichloropropane	10.933	76	7557	4.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	12543	23.471	ug/l	100
59) 2-Hexanone	10.969	43	11139	18.774	ug/l	98
60) Dibromochloromethane	11.128	129	4909	4.515	ug/l	100
61) 1,2-Dibromoethane	11.238	107	4220	4.729	ug/l	96
64) Tetrachloroethene	10.860	164	5899	4.898	ug/l	98
65) Chlorobenzene	11.658	112	15989	4.788	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	5674	4.687	ug/l	98
67) Ethyl Benzene	11.731	91	28516	4.716	ug/l	99
68) m/p-Xylenes	11.841	106	21959	9.393	ug/l	99
69) o-Xylene	12.164	106	10058	4.668	ug/l	96
70) Styrene	12.183	104	16471	4.463	ug/l	98
71) Bromoform	12.353	173	3022	4.258	ug/l #	97
73) Isopropylbenzene	12.463	105	27589	4.693	ug/l	99
74) N-amyl acetate	12.274	43	5717	4.007	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	4860	4.413	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	3930m	4.347	ug/l	
77) Bromobenzene	12.743	156	6934	4.917	ug/l	98
78) n-propylbenzene	12.804	91	35647	4.937	ug/l	99
79) 2-Chlorotoluene	12.890	91	20679	4.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	24503	4.823	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.506	75	1473	4.185	ug/l	93
82) 4-Chlorotoluene	12.987	91	22039	5.045	ug/l	98
83) tert-Butylbenzene	13.207	119	20830	4.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	23953	4.762	ug/l	99
85) sec-Butylbenzene	13.384	105	31998	4.865	ug/l	100
86) p-Isopropyltoluene	13.493	119	26976	4.821	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	14950	5.152	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	15467	5.338	ug/l	96
89) n-Butylbenzene	13.823	91	25298	4.875	ug/l	97
90) Hexachloroethane	14.091	117	4727	4.840	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	12739	4.943	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.475	75	866	4.356	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	9224	5.395	ug/l	95
94) Hexachlorobutadiene	15.237	225	5736	5.181	ug/l	98
95) Naphthalene	15.365	128	13911	4.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	8274	5.345	ug/l	99

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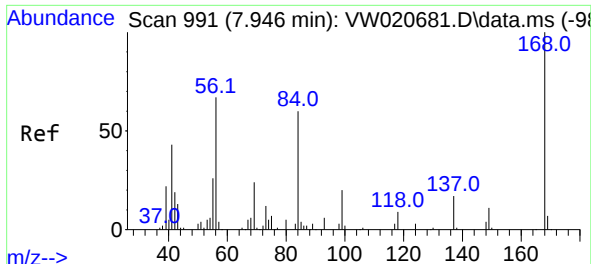
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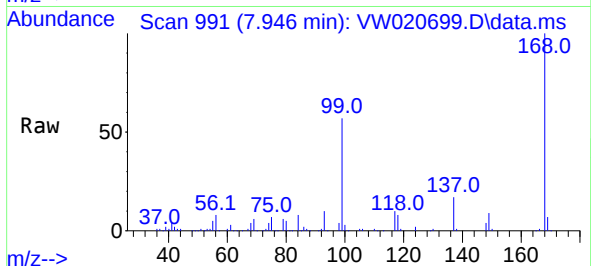
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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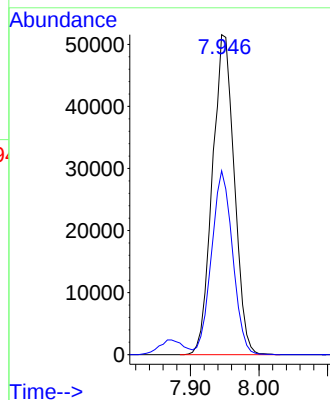
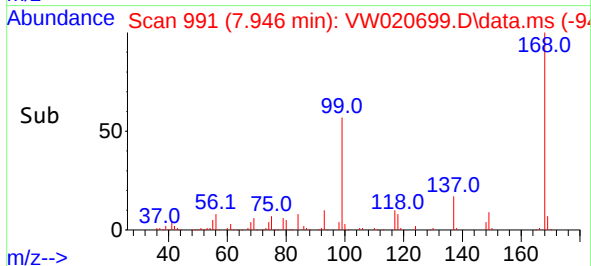
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



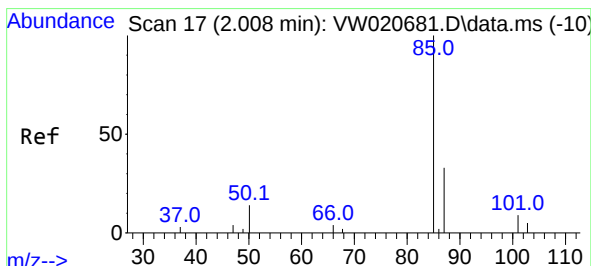
Tgt Ion: 168 Resp: 114254
Ion Ratio Lower Upper
168 100
99 57.4 45.4 68.0



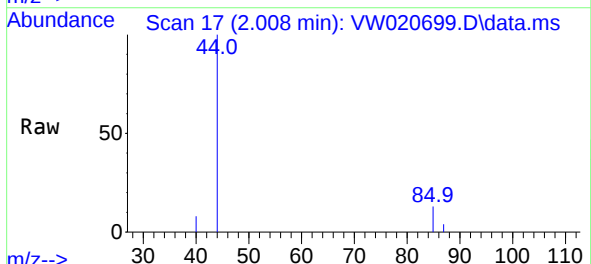
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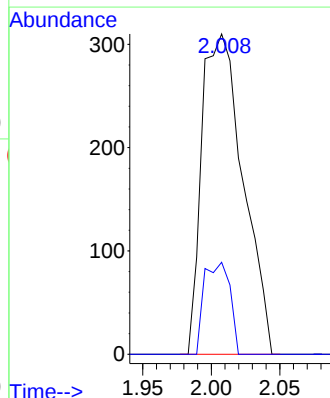
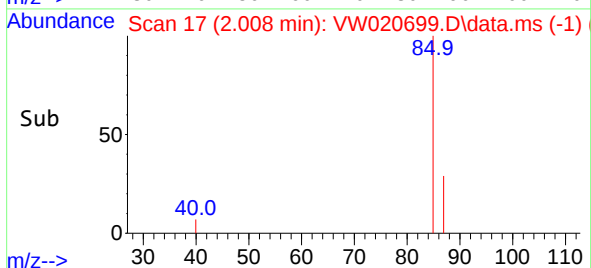
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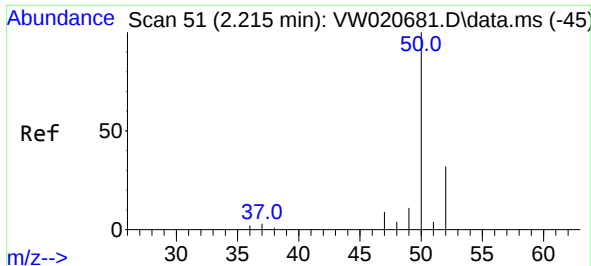


#2
Dichlorodifluoromethane
Concen: 2.156 ug/l
RT: 2.008 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 85 Resp: 649
Ion Ratio Lower Upper
85 100
87 28.7 16.7 50.0





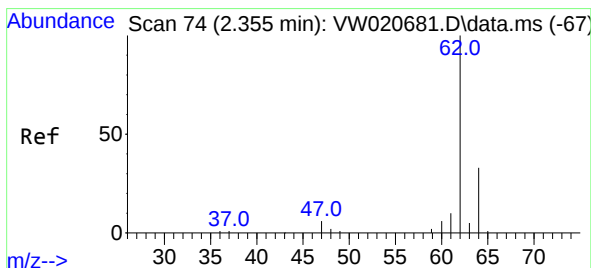
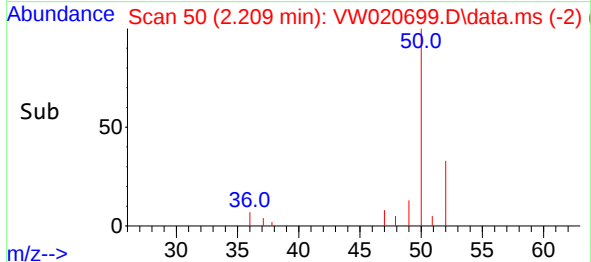
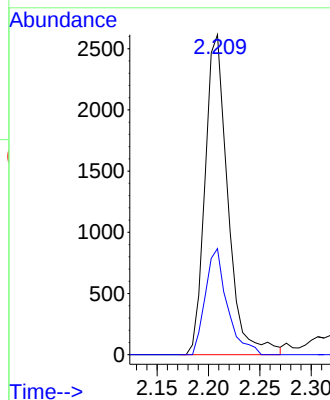
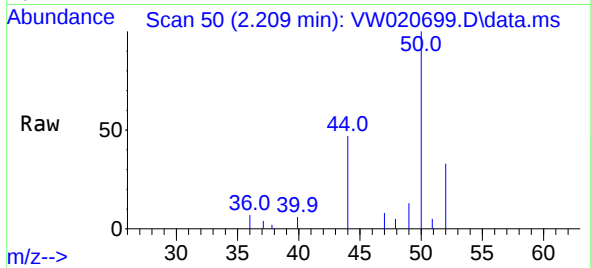
#3
Chloromethane
Concen: 5.345 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 50 Resp: 4041
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

Instrument :
MSVOA_W
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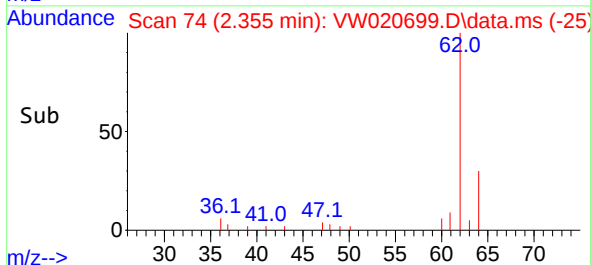
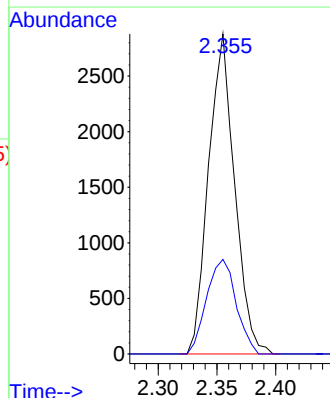
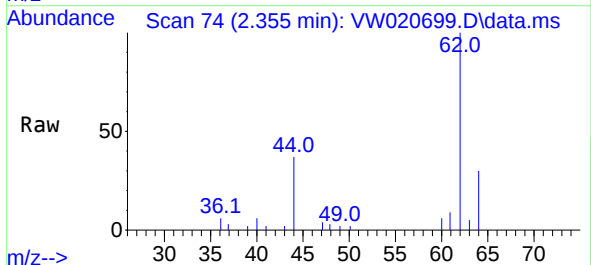
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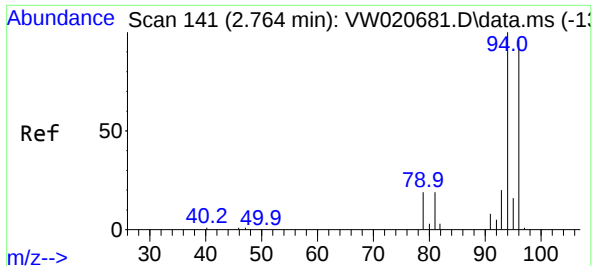
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#4
Vinyl Chloride
Concen: 4.587 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

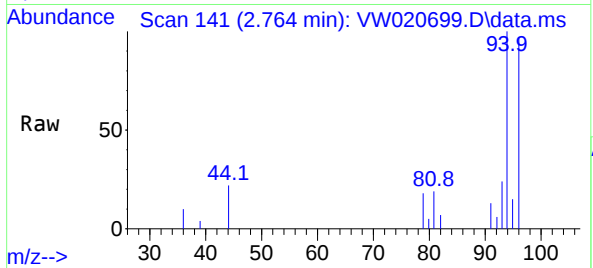
Tgt Ion: 62 Resp: 4448
Ion Ratio Lower Upper
62 100
64 29.6 26.6 40.0





#5
Bromomethane
Concen: 5.550 ug/l
RT: 2.764 min Scan# 141
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

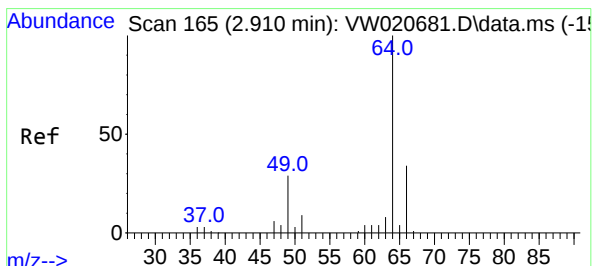
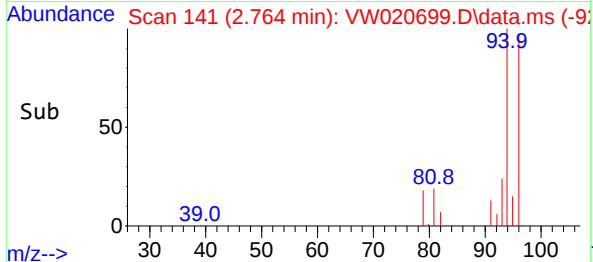
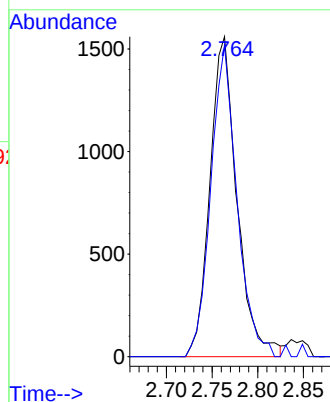
Instrument :
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Tgt Ion: 94 Resp: 3199
Ion Ratio Lower Upper
94 100
96 97.4 76.7 115.1

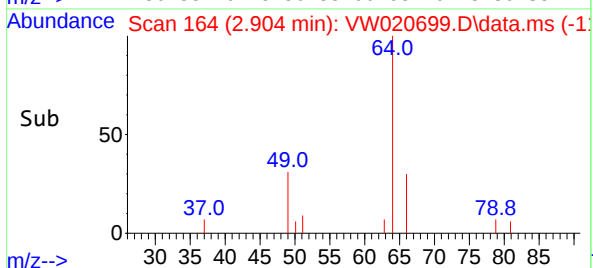
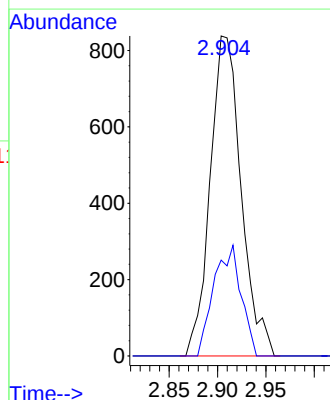
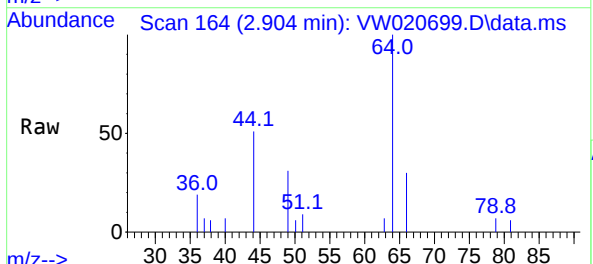
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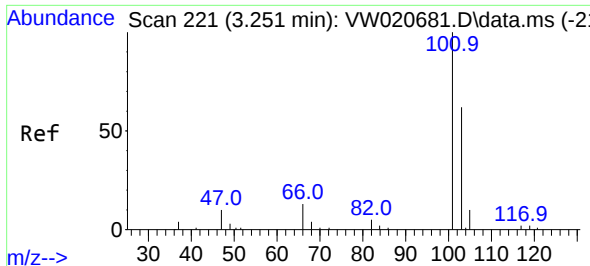
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#6
Chloroethane
Concen: 4.344 ug/l
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 64 Resp: 1872
Ion Ratio Lower Upper
64 100
66 30.0 27.0 40.4





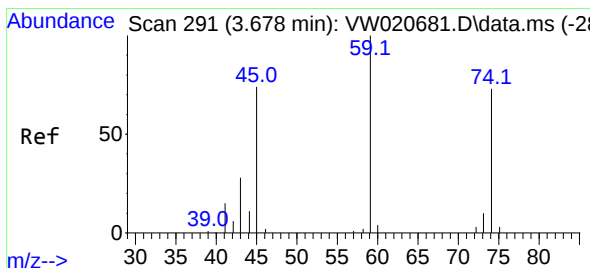
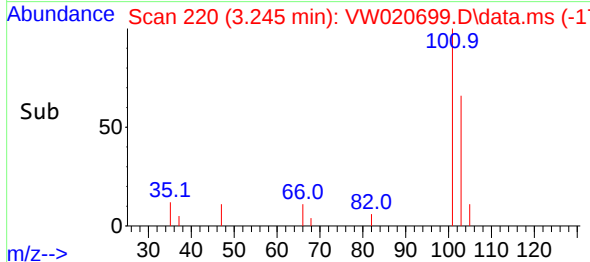
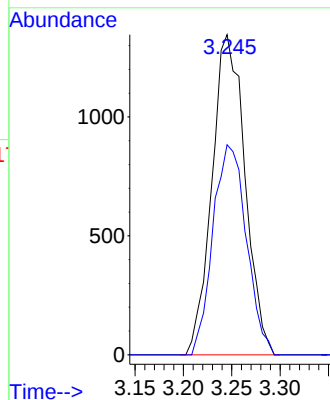
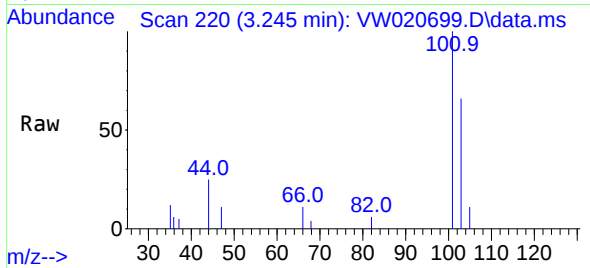
#7
Trichlorofluoromethane
Concen: 4.600 ug/l
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 101 Resp: 3191
Ion Ratio Lower Upper
101 100
103 65.6 49.4 74.0

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

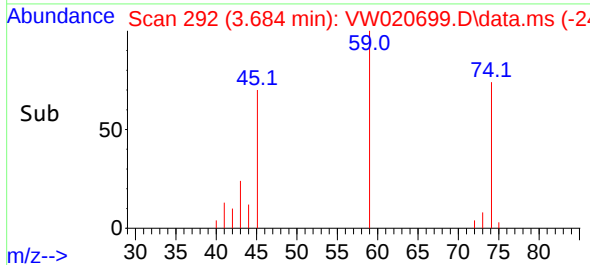
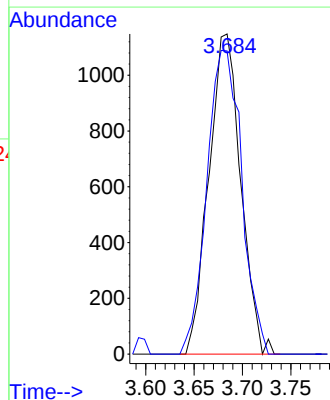
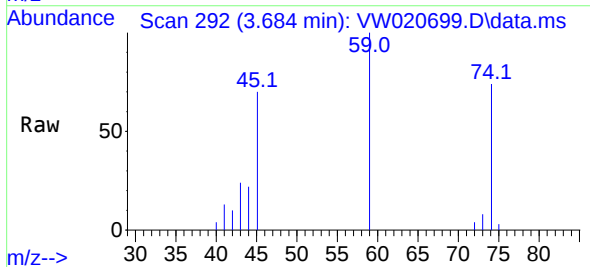
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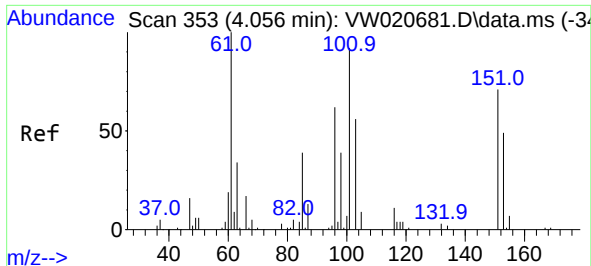
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#8
Diethyl Ether
Concen: 4.756 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
Lab File: VW020699.D
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Tgt Ion: 74 Resp: 2632
Ion Ratio Lower Upper
74 100
45 103.8 50.0 150.1





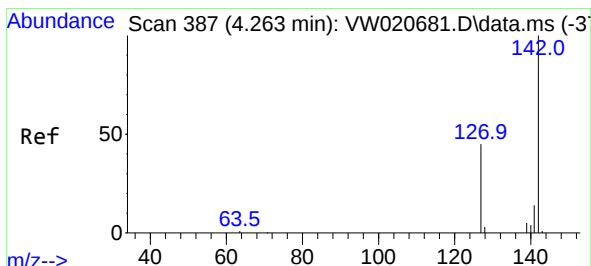
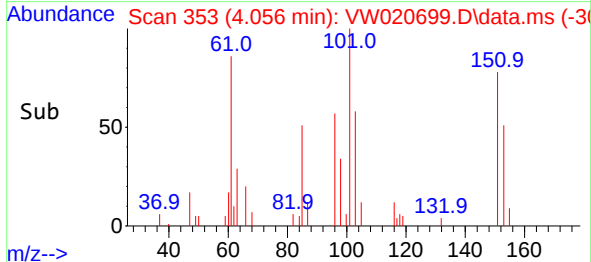
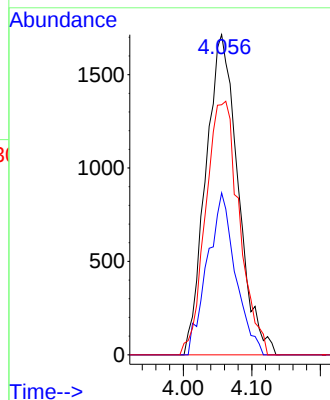
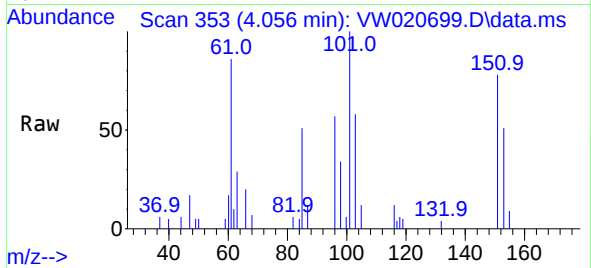
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.919 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	101	Resp:	5601
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.9	52.3
151	82.5	64.5	96.7

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

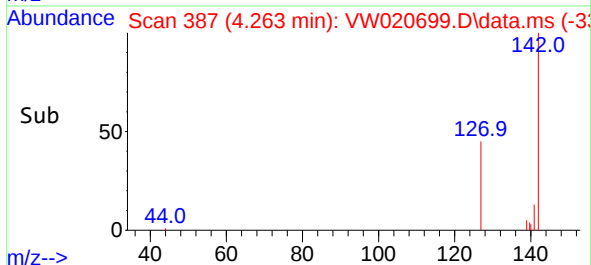
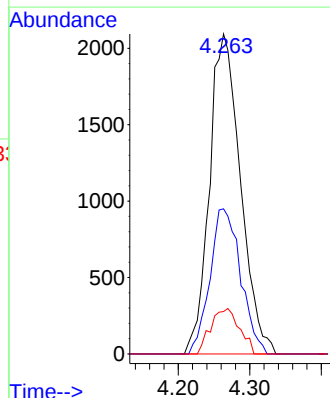
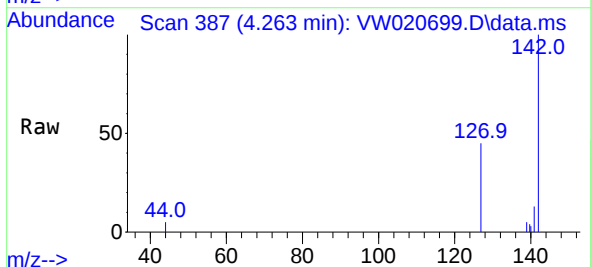
Manual Integrations
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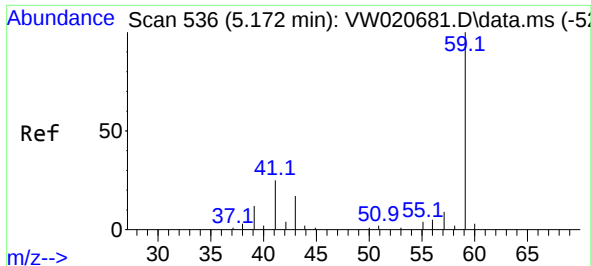
MMDadoda
10/27/2021 5:02:21 PM



#10
Methyl Iodide
Concen: 4.463 ug/l
RT: 4.263 min Scan# 387
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	142	Resp:	6309
Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.8	53.6
141	13.1	11.8	17.6





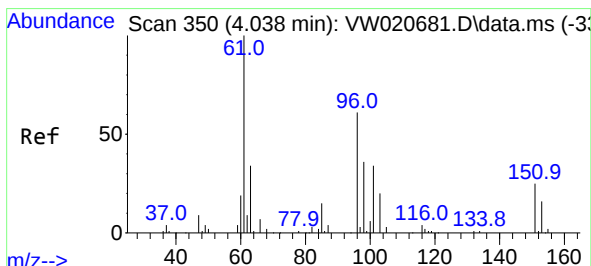
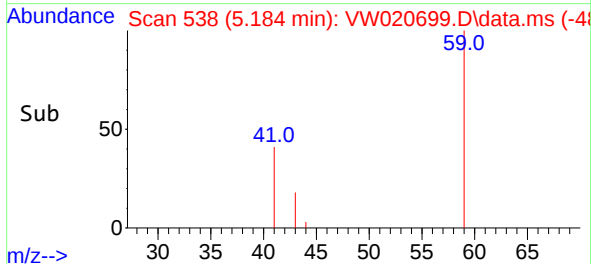
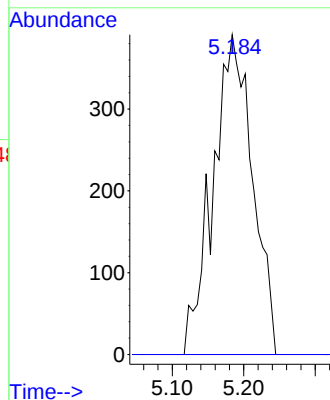
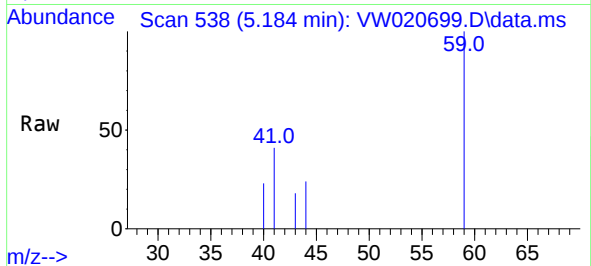
#11
Tert butyl alcohol
Concen: 19.423 ug/l
RT: 5.184 min Scan# 538
Delta R.T. 0.012 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 59 Resp: 1510
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

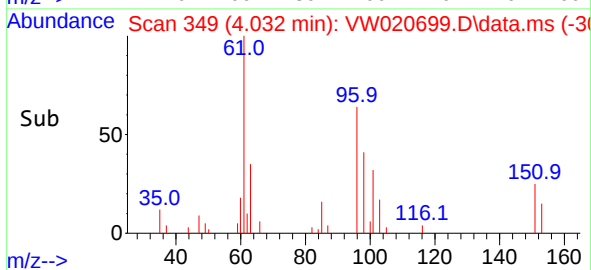
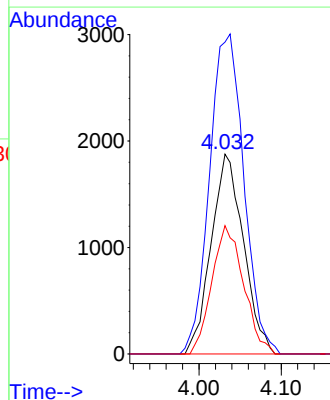
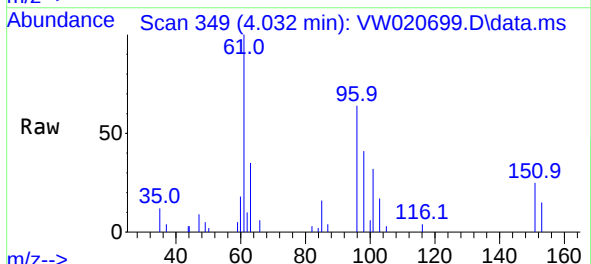
Manual Integrations
APPROVED

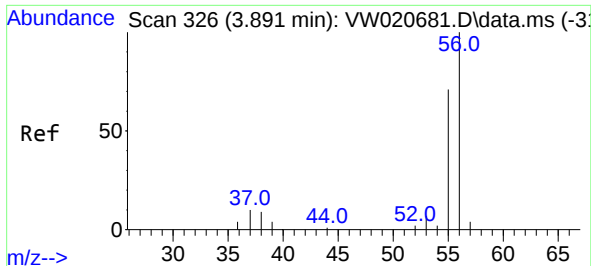
MMDadoda
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#12
1,1-Dichloroethene
Concen: 4.830 ug/l
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

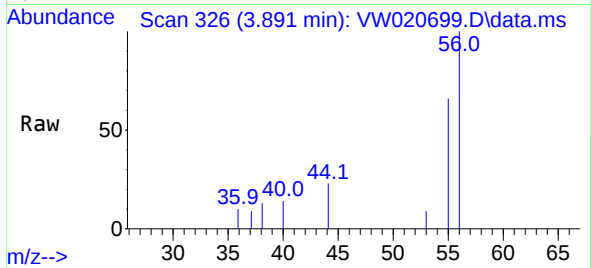
Tgt Ion: 96 Resp: 5136
Ion Ratio Lower Upper
96 100
61 156.0 131.0 196.6
98 64.2 47.8 71.6



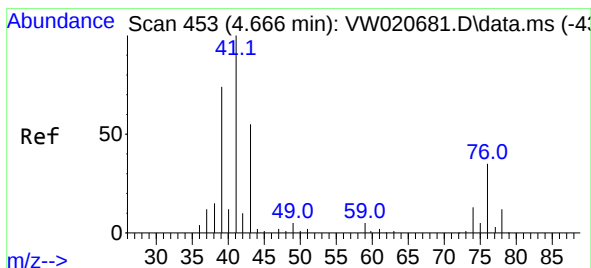
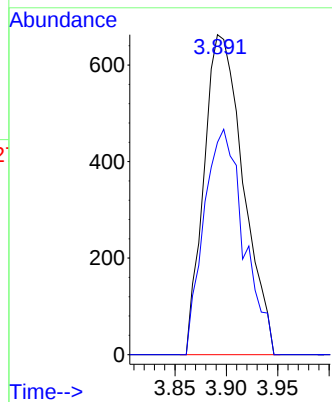
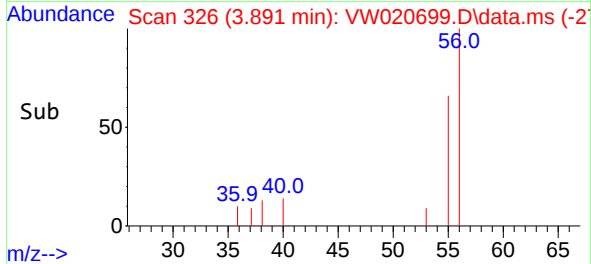


#13
Acrolein
Concen: 25.405 ug/l
RT: 3.891 min Scan# 326
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

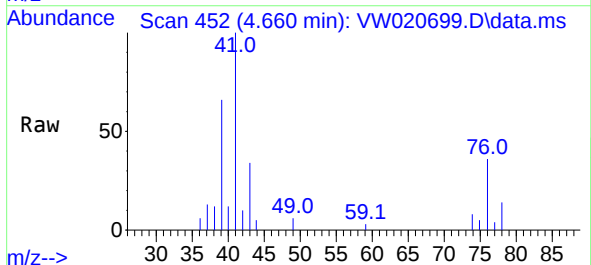
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



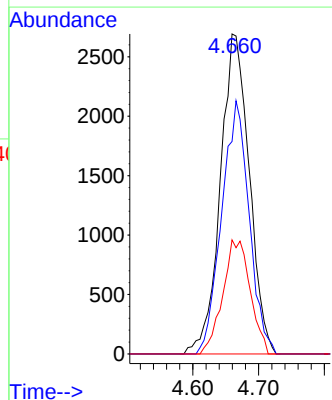
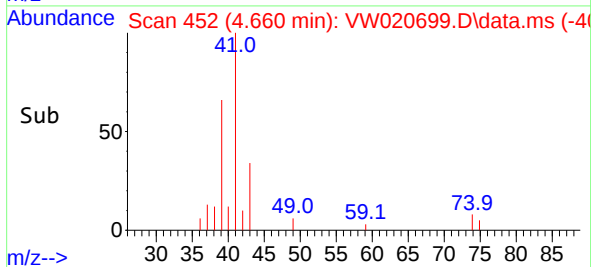
Tgt Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
55 71.5 55.5 83.3

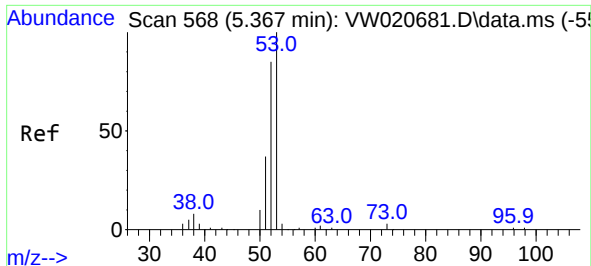


#14
Allyl chloride
Concen: 4.791 ug/l
RT: 4.660 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



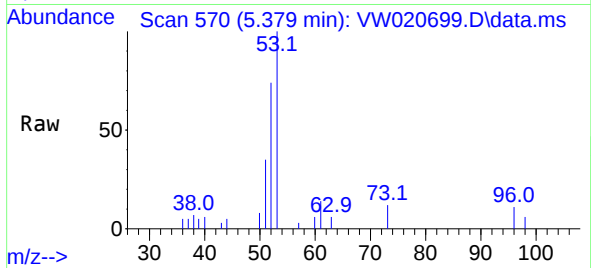
Tgt Ion: 41 Resp: 8225
Ion Ratio Lower Upper
41 100
39 75.2 57.1 85.7
76 33.8 27.1 40.7





#15
Acrylonitrile
Concen: 20.652 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.012 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

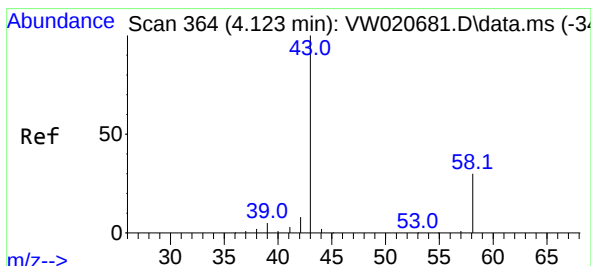
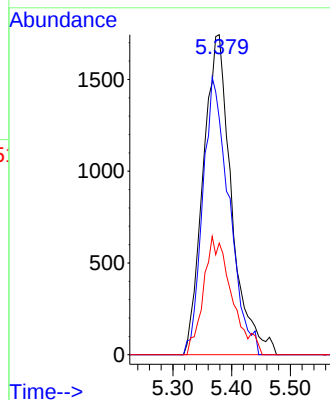
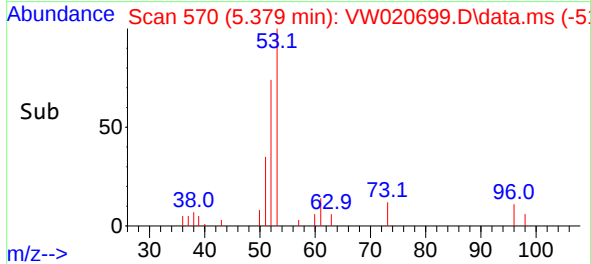
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



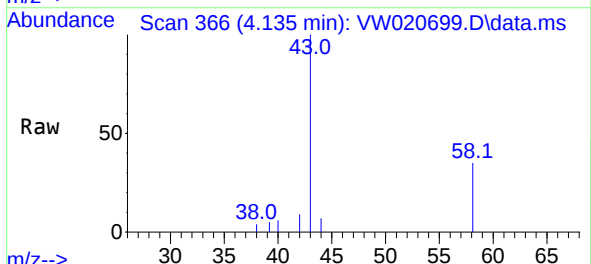
Tgt Ion: 53 Resp: 5830
Ion Ratio Lower Upper
53 100
52 80.8 66.8 100.2
51 36.8 30.1 45.1

Manual Integrations
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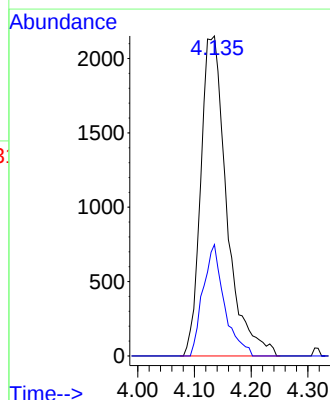
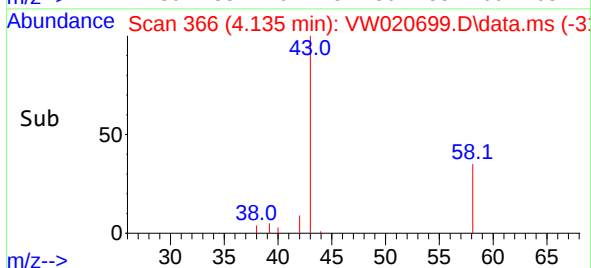
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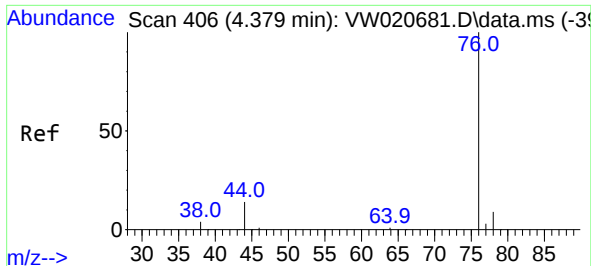


#16
Acetone
Concen: 22.009 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



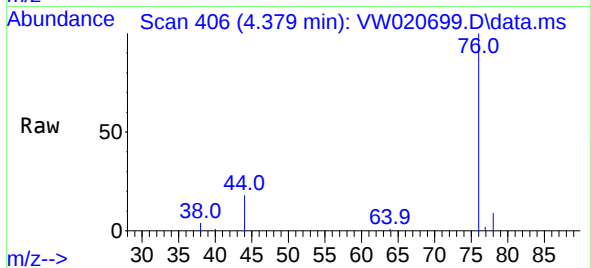
Tgt Ion: 43 Resp: 6828
Ion Ratio Lower Upper
43 100
58 34.8 24.2 36.2



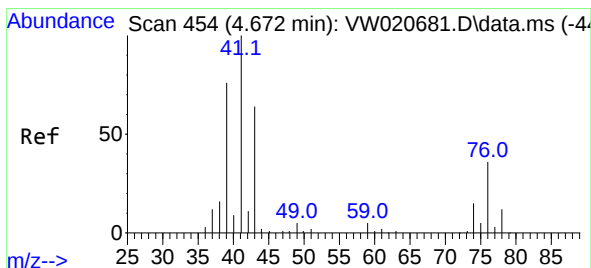
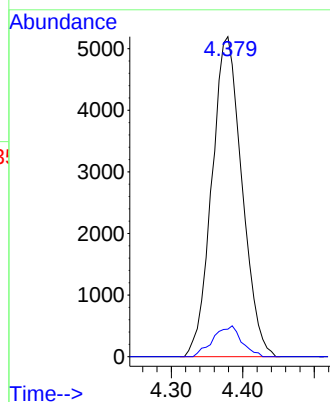
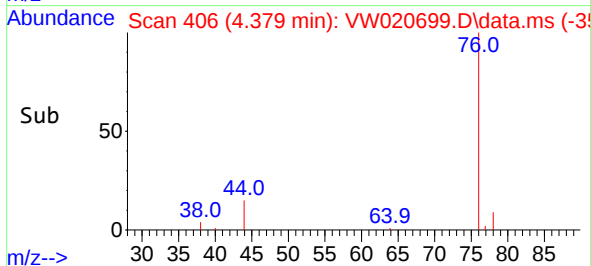


#17
Carbon Disulfide
Concen: 4.907 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

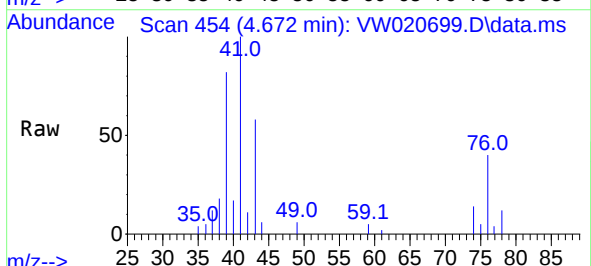
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



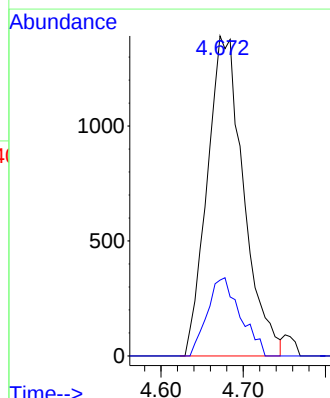
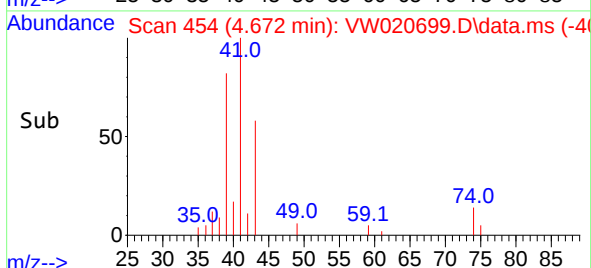
Tgt Ion: 76 Resp: 15162
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

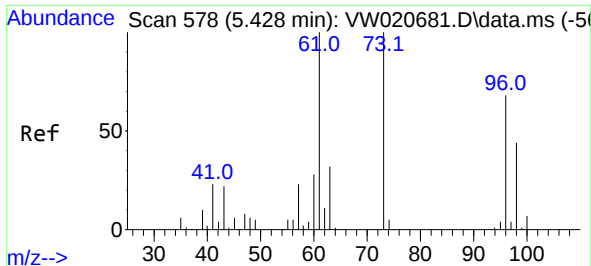


#18
Methyl Acetate
Concen: 4.452 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 43 Resp: 4264
Ion Ratio Lower Upper
43 100
74 22.3 18.7 28.1





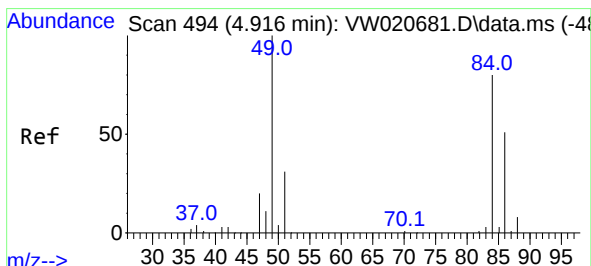
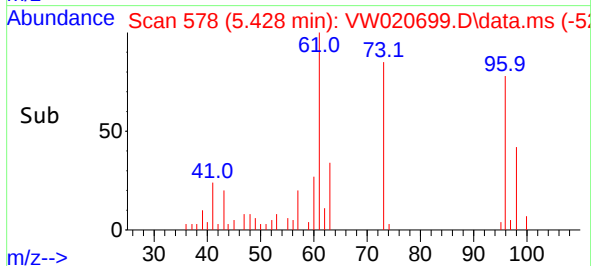
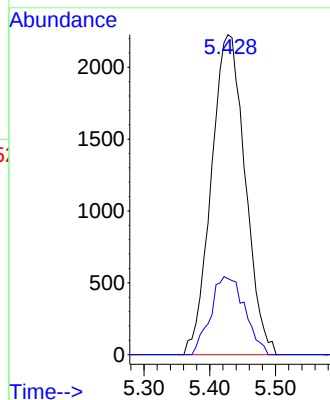
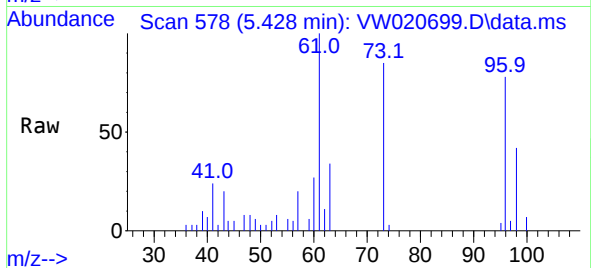
#19
Methyl tert-butyl Ether
Concen: 4.366 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 73 Resp: 7964
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

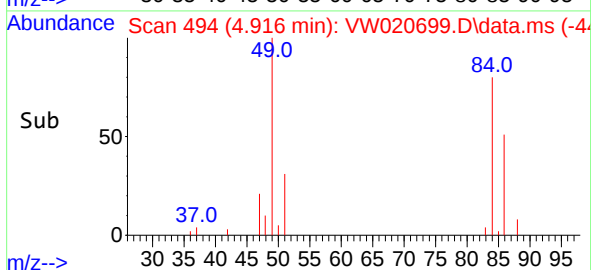
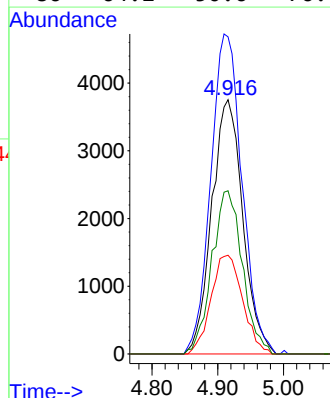
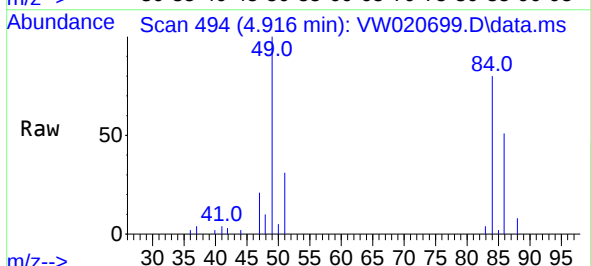
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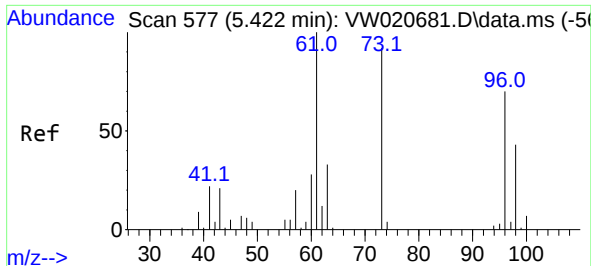
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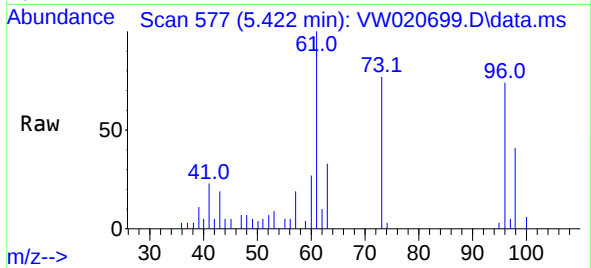
#20
Methylene Chloride
Concen: 7.888 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 84 Resp: 12335
Ion Ratio Lower Upper
84 100
49 124.7 100.0 150.0
51 38.8 30.8 46.2
86 64.2 50.6 76.0



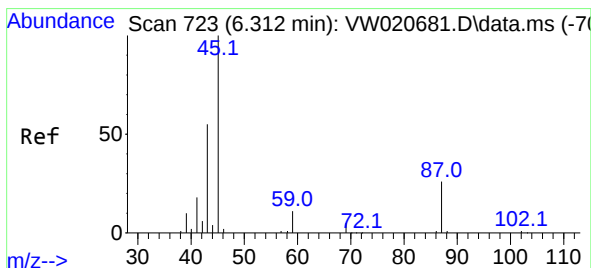
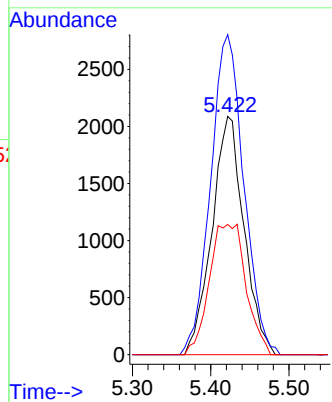
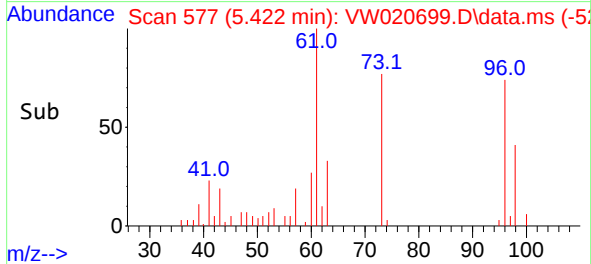


#21
trans-1,2-Dichloroethene
Concen: 4.995 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

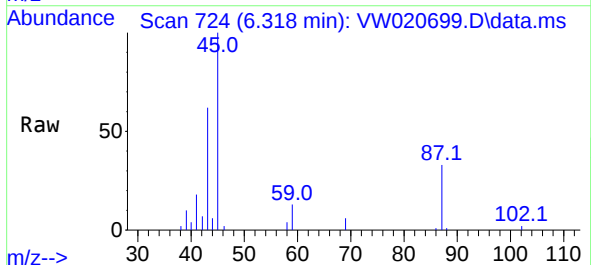


Tgt Ion: 96 Resp: 5932

Ion	Ratio	Lower	Upper
96	100		
61	134.4	113.5	170.3
98	54.7	48.6	72.8

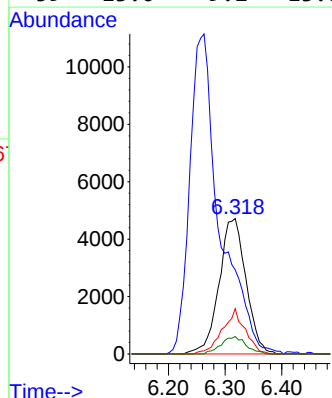
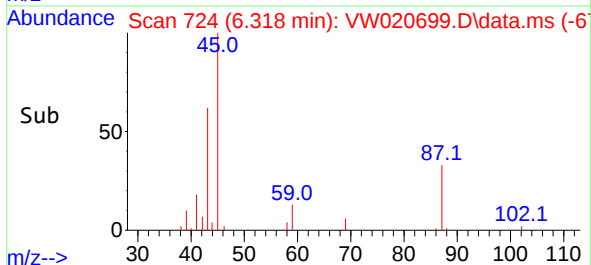


#22
Diisopropyl ether
Concen: 4.627 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 45 Resp: 15543

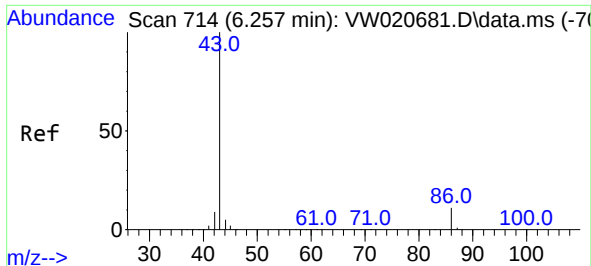
Ion	Ratio	Lower	Upper
45	100		
43	60.0	45.1	67.7
87	33.4	21.2	31.8#
59	13.0	9.2	13.8



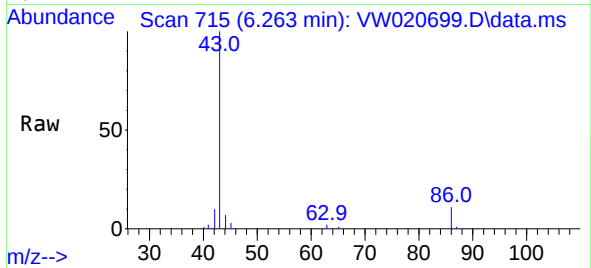
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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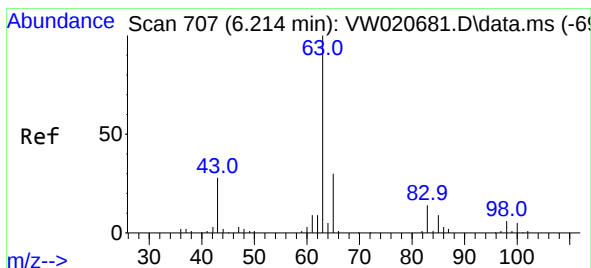
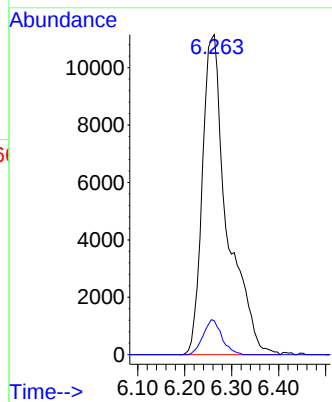
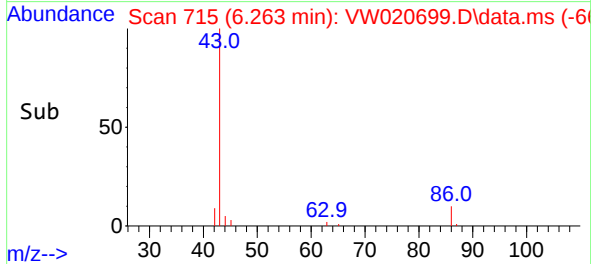
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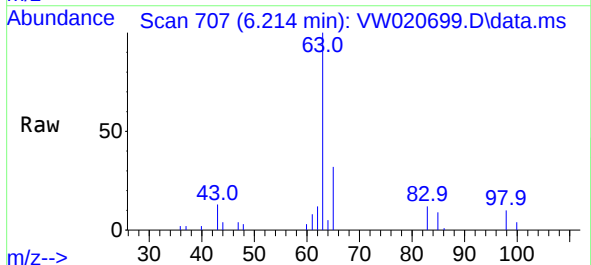
#23
 Vinyl Acetate
 Concen: 20.752 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW020699.D
 Acq: 26 Oct 2021 15:08



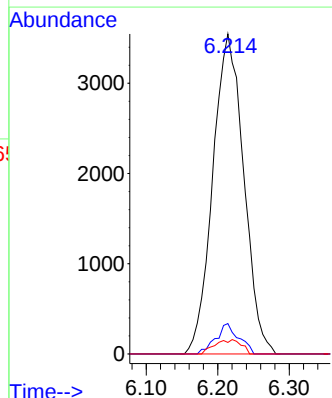
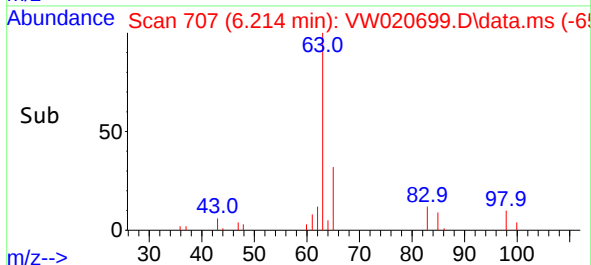
Tgt Ion: 43 Resp: 40826
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 4.967 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020699.D
 Acq: 26 Oct 2021 15:08



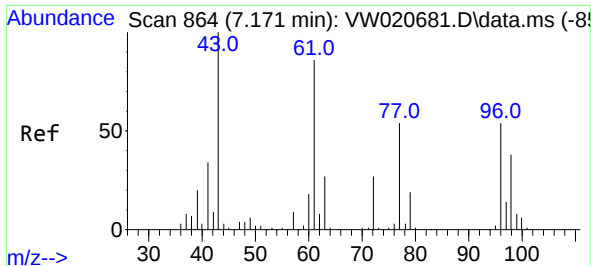
Tgt Ion: 63 Resp: 10666
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.2 9.6
 100 3.6 2.3 6.8



Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
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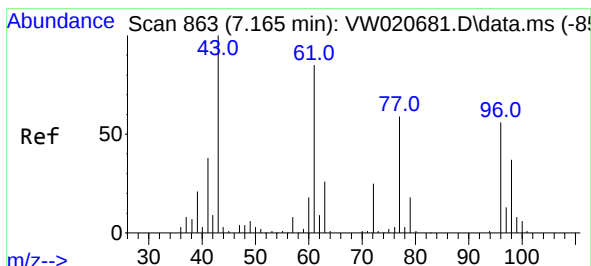
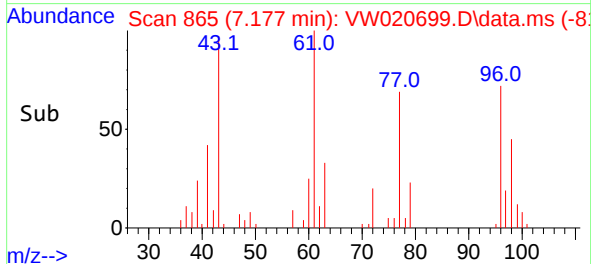
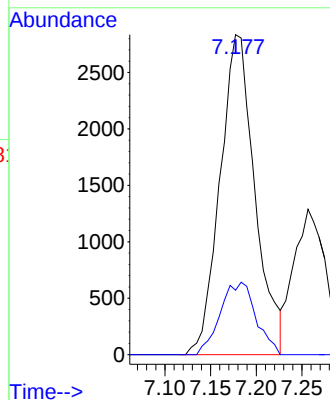
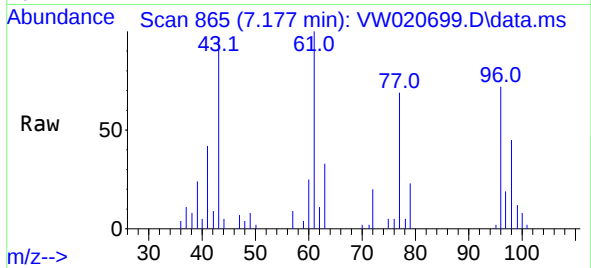
#25
2-Butanone
Concen: 19.492 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 43 Resp: 7546
Ion Ratio Lower Upper
43 100
72 20.2 21.4 32.0#

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

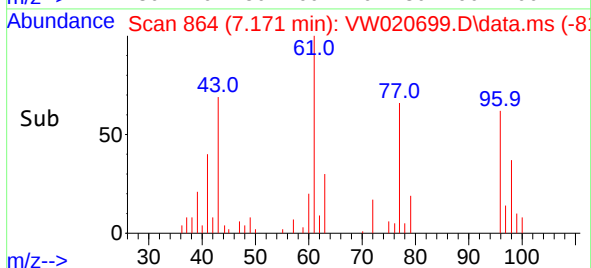
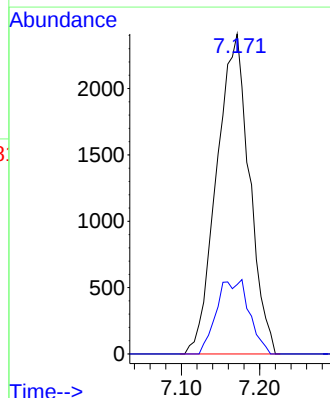
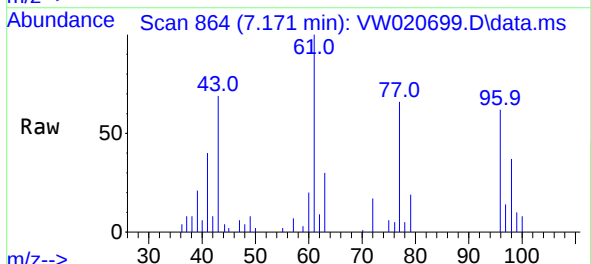
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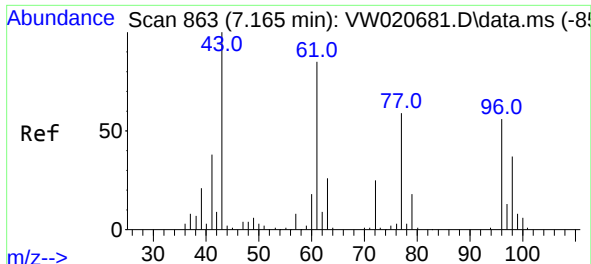
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#26
2,2-Dichloropropane
Concen: 4.977 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 77 Resp: 6995
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.868 ug/l

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW020699.D

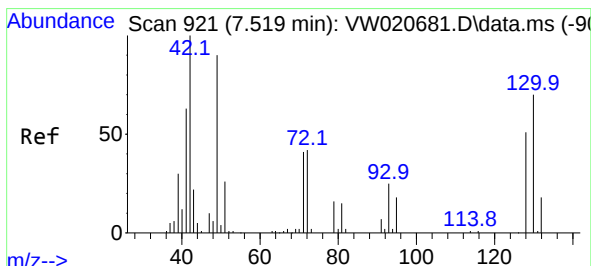
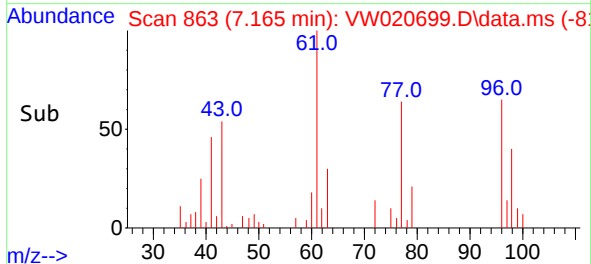
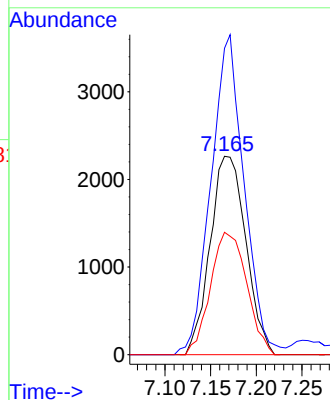
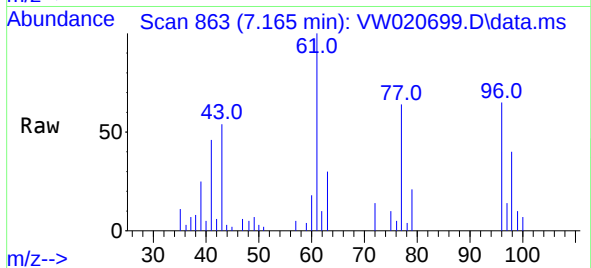
Acq: 26 Oct 2021 15:08

Tgt Ion: 96	Resp: 6160
Ion Ratio	Lower Upper
96 100	
61 150.0	0.0 298.0
98 62.5	0.0 129.4

Instrument :
MSVOA_W
ClientSampleId :
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#28

Bromochloromethane

Concen: 5.201 ug/l

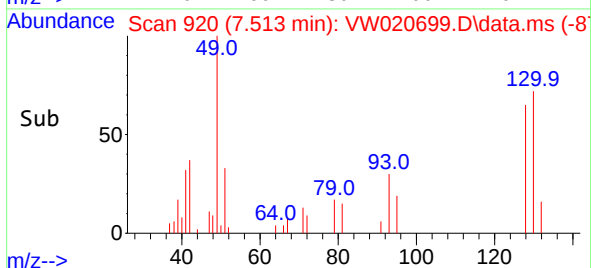
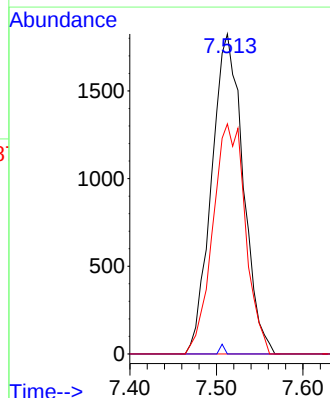
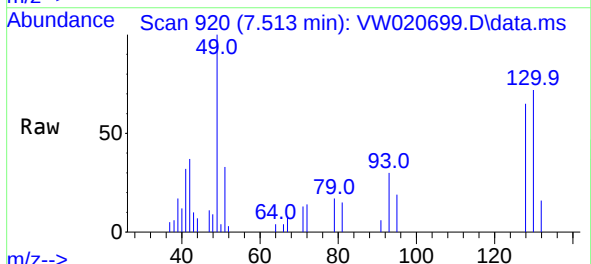
RT: 7.513 min Scan# 920

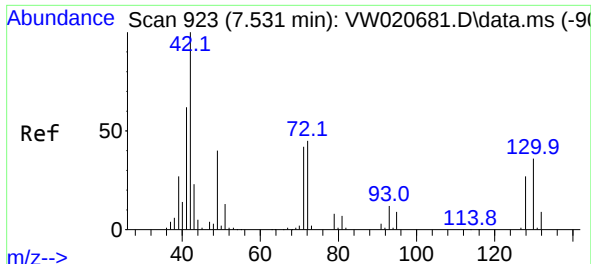
Delta R.T. -0.006 min

Lab File: VW020699.D

Acq: 26 Oct 2021 15:08

Tgt Ion: 49	Resp: 4617		
Ion Ratio	Lower	Upper	
49 100			
129 0.4	0.0	0.0#	
130 74.3	63.0	94.6	





#29

Tetrahydrofuran

Concen: 19.350 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW020699.D

Acq: 26 Oct 2021 15:08

Tgt Ion: 42 Resp: 4583

Ion	Ratio	Lower	Upper
42	100		
72	42.2	35.0	52.6
71	39.7	32.2	48.4

Instrument :

MSVOA_W

ClientSampleId :

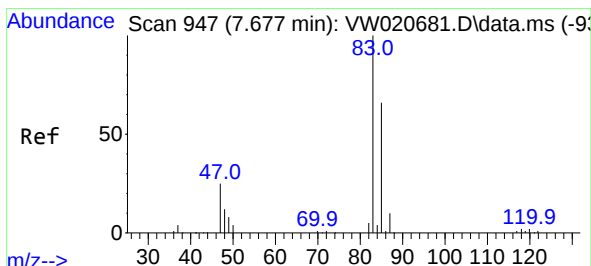
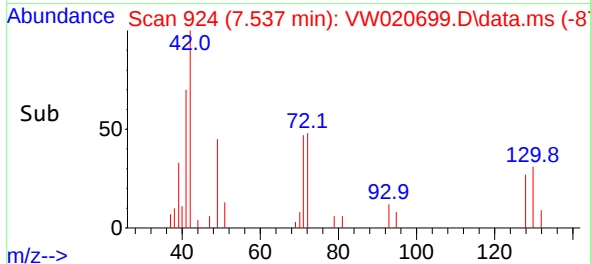
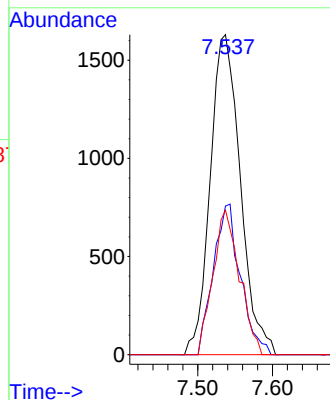
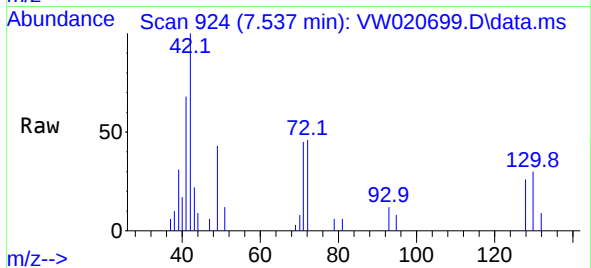
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#30

Chloroform

Concen: 4.989 ug/l

RT: 7.677 min Scan# 947

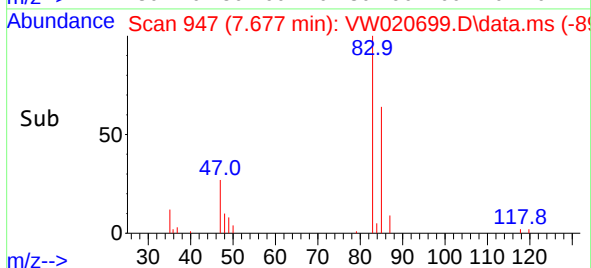
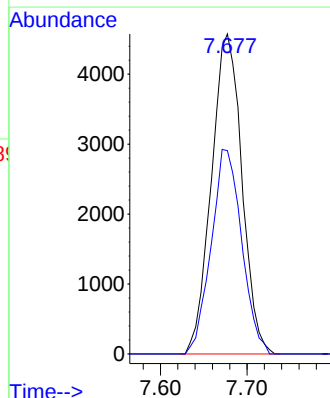
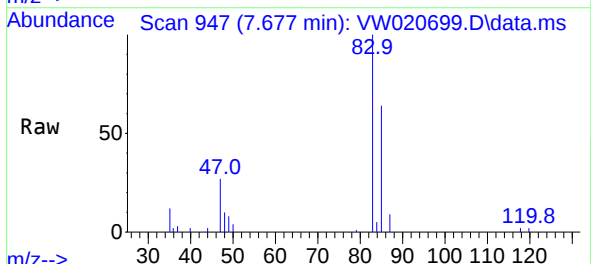
Delta R.T. 0.000 min

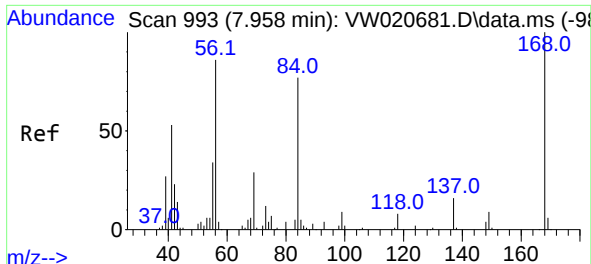
Lab File: VW020699.D

Acq: 26 Oct 2021 15:08

Tgt Ion: 83 Resp: 11175

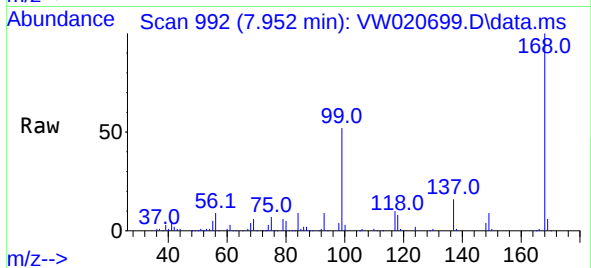
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.9	79.3





#31
Cyclohexane
Concen: 5.676 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

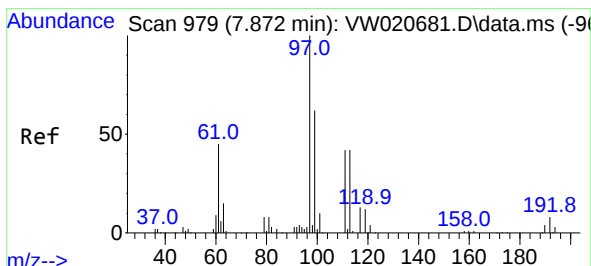
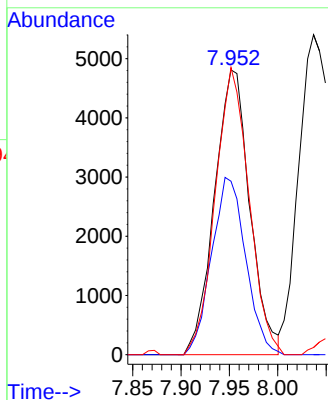
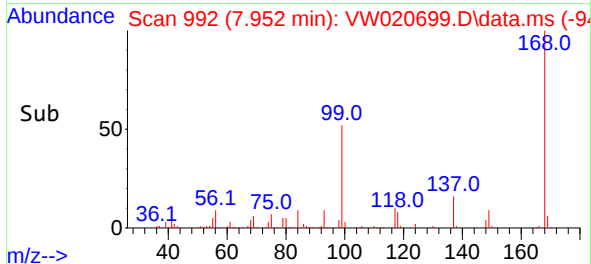
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



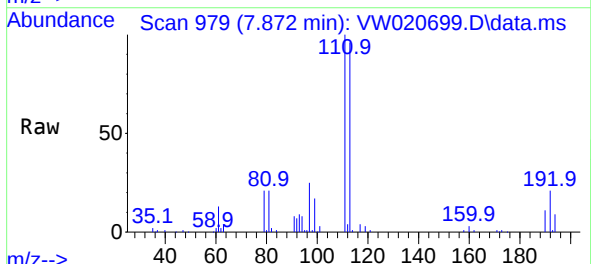
Tgt Ion: 56 Resp: 12228
Ion Ratio Lower Upper
56 100
69 60.9 27.2 40.8#
84 100.8 71.8 107.6

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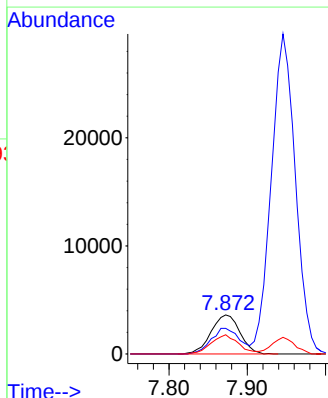
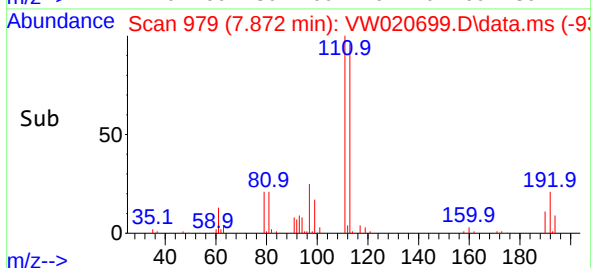
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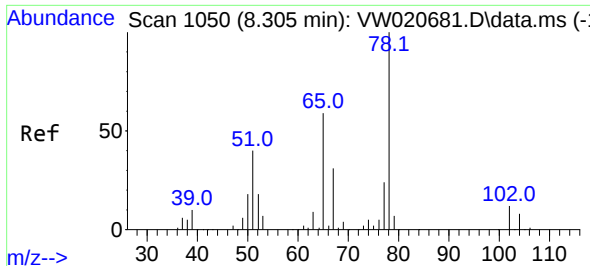


#32
1,1,1-Trichloroethane
Concen: 4.871 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 97 Resp: 9227
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 46.0 36.6 55.0





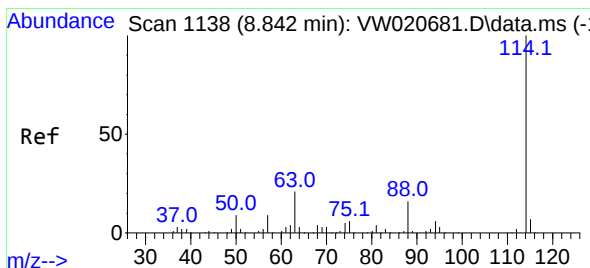
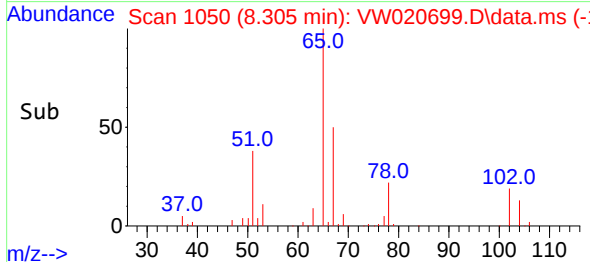
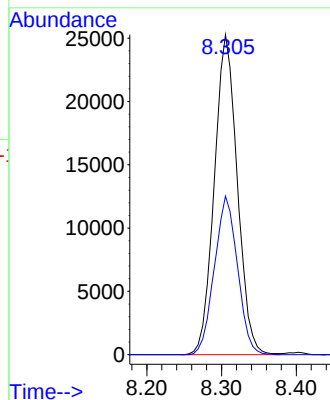
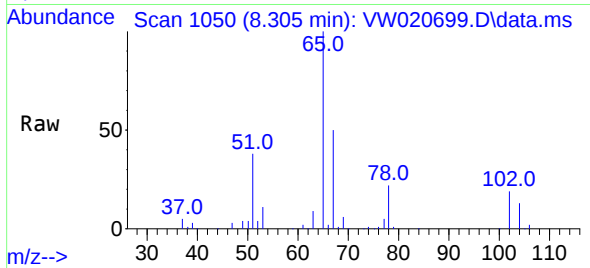
#33
1,2-Dichloroethane-d4
Concen: 42.588 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 65 Resp: 54062
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

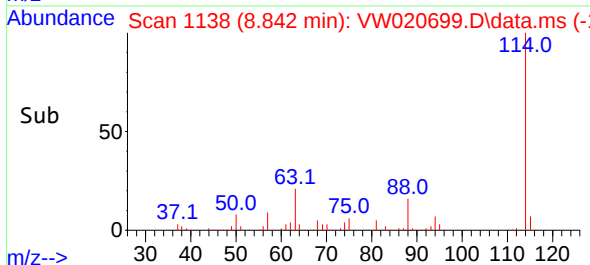
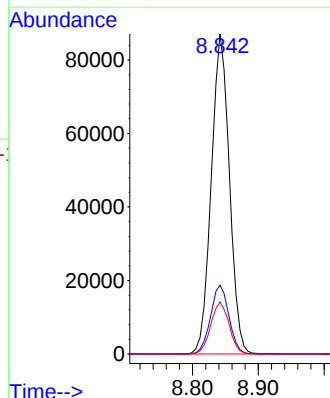
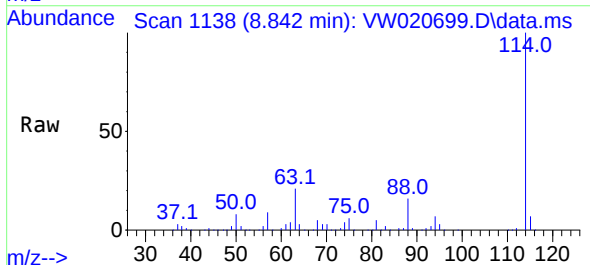
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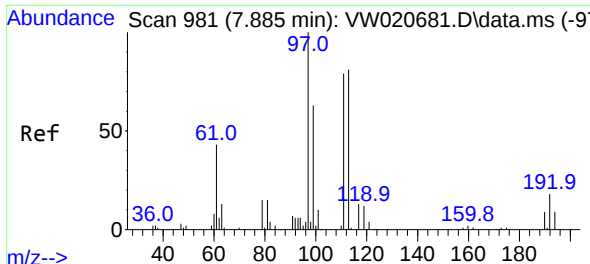
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

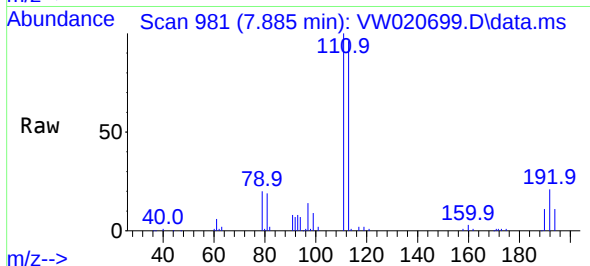
Tgt Ion: 114 Resp: 166780
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 16.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 42.328 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

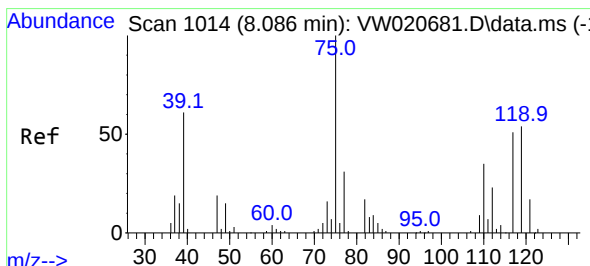
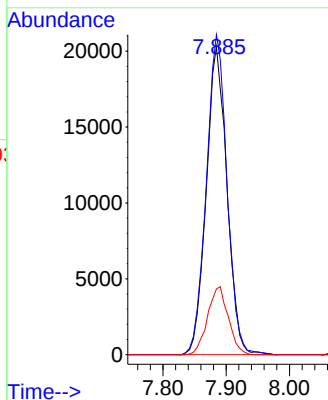
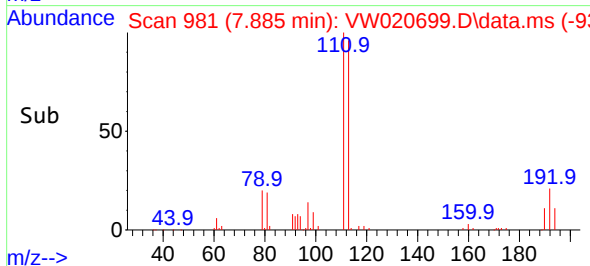
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



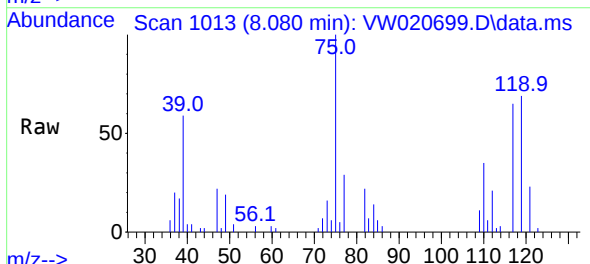
Tgt Ion:113 Resp: 46168
Ion Ratio Lower Upper
113 100
111 104.2 82.1 123.1
192 22.1 17.8 26.8

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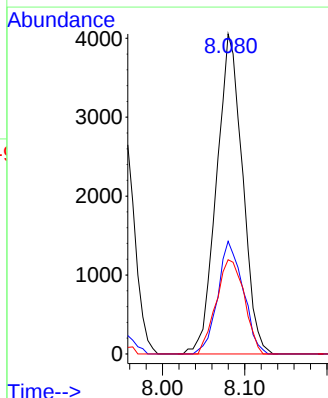
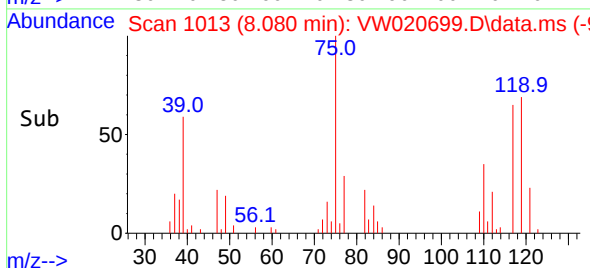
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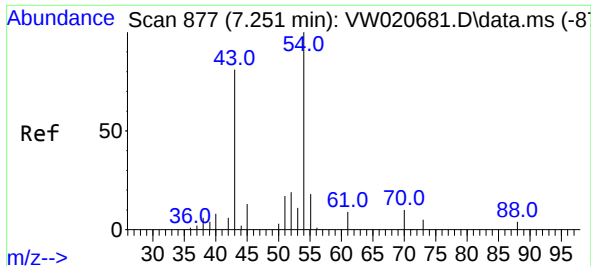


#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 75 Resp: 8883
Ion Ratio Lower Upper
75 100
110 34.5 17.1 51.3
77 31.9 24.9 37.3





#37

Ethyl Acetate

Concen: 4.251 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.006 min

Lab File: VW020699.D

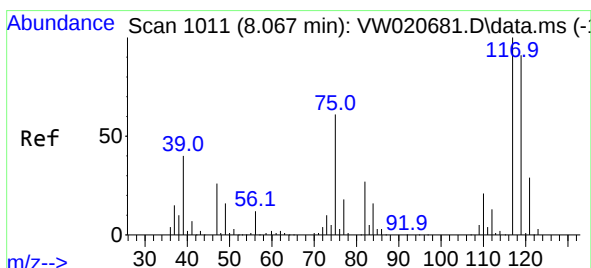
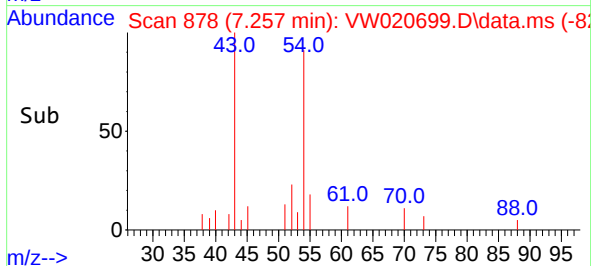
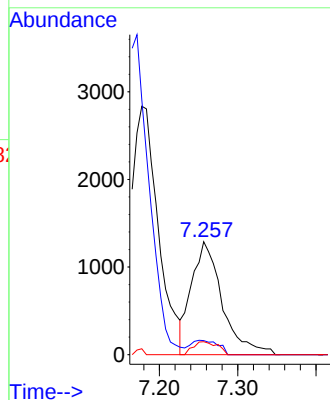
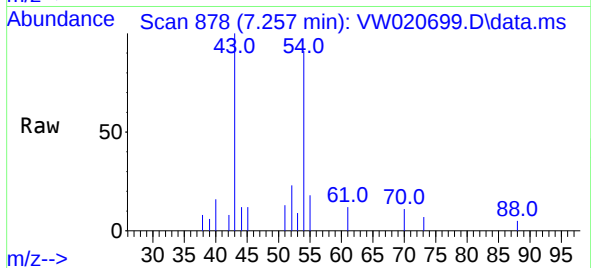
Acq: 26 Oct 2021 15:08

Tgt Ion:	43	Resp:	3533
Ion	Ratio	Lower	Upper
43	100		
61	11.2	10.3	15.5
70	9.0	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 4.861 ug/l

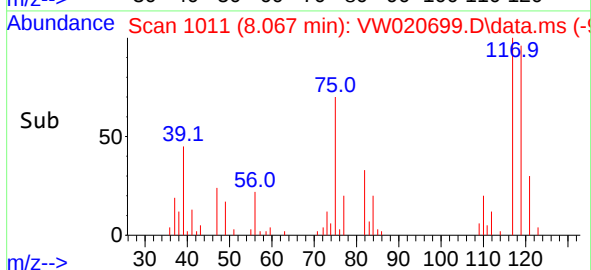
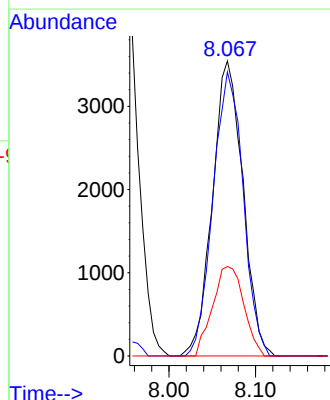
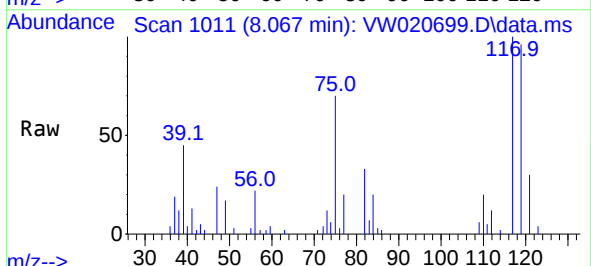
RT: 8.067 min Scan# 1011

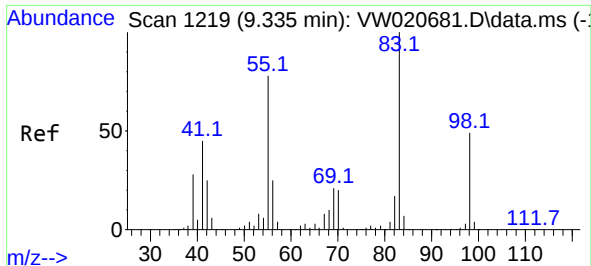
Delta R.T. 0.000 min

Lab File: VW020699.D

Acq: 26 Oct 2021 15:08

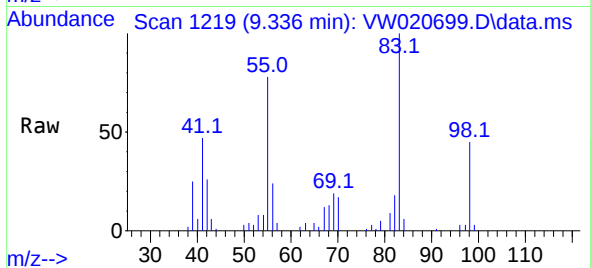
Tgt Ion:	117	Resp:	8658
Ion	Ratio	Lower	Upper
117	100		
119	96.2	72.9	109.3
121	30.3	23.4	35.0





#39
Methylcyclohexane
Concen: 4.865 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

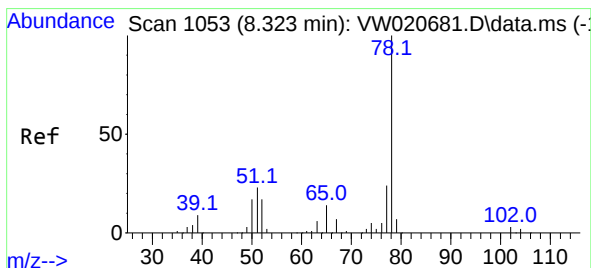
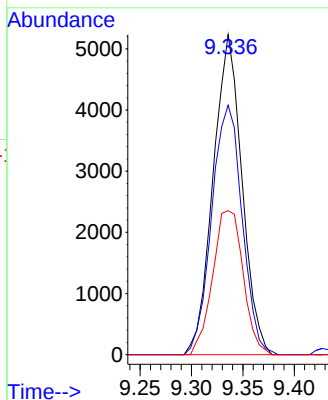
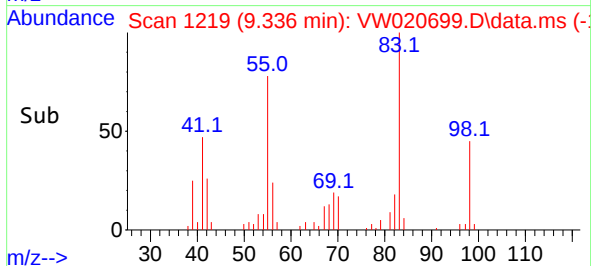
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



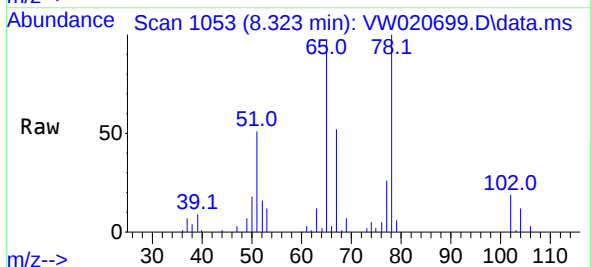
Tgt Ion: 83 Resp: 10188
Ion Ratio Lower Upper
83 100
55 78.0 62.6 94.0
98 45.0 38.8 58.2

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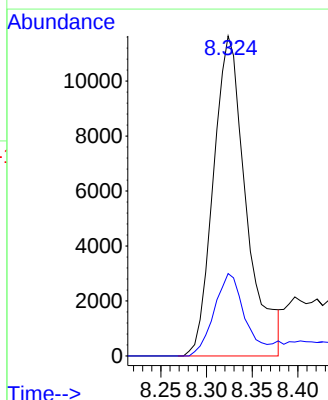
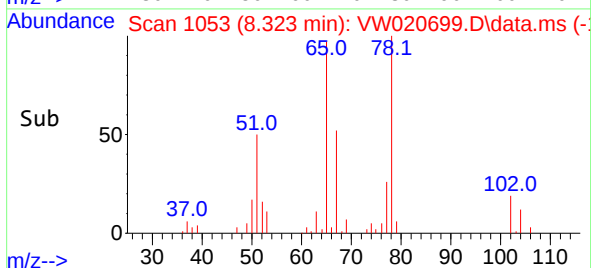
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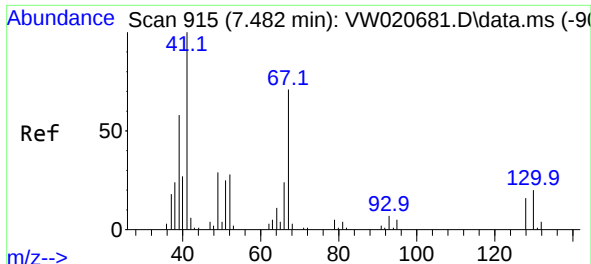


#40
Benzene
Concen: 5.915 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

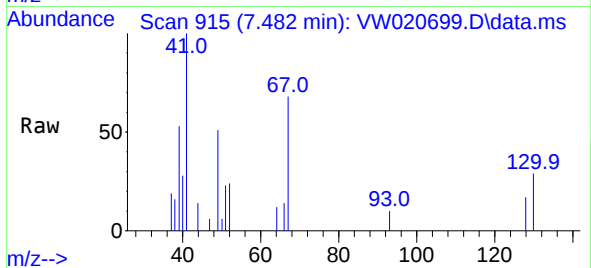


Tgt Ion: 78 Resp: 29076
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.6



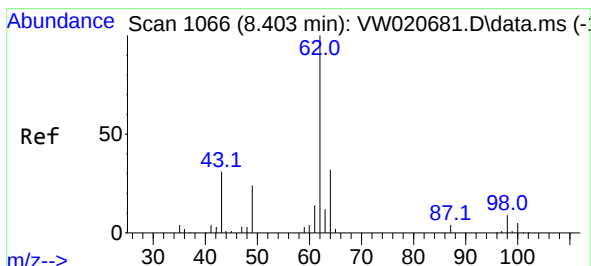
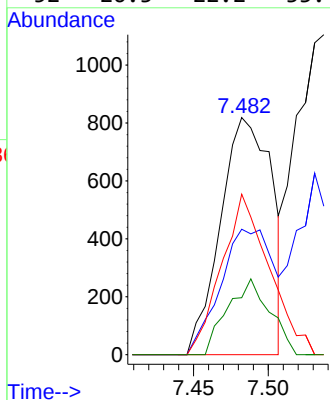
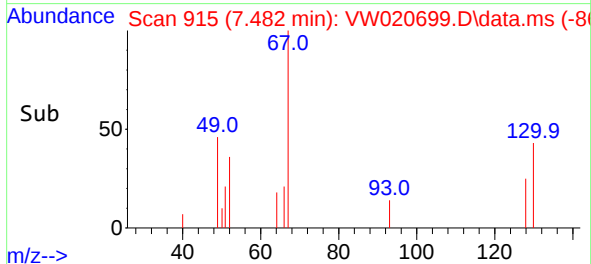


#41
Methacrylonitrile
Concen: 4.034 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

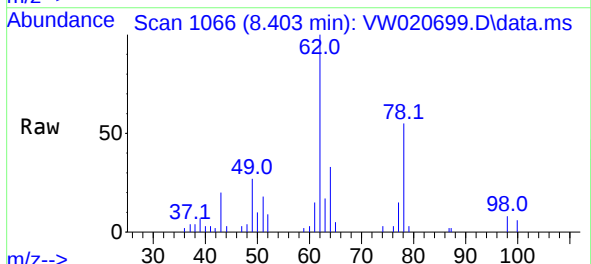


Tgt Ion: 41 Resp: 1953

Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.3	66.5
67	62.9	50.9	76.3
52	26.3	22.2	33.4

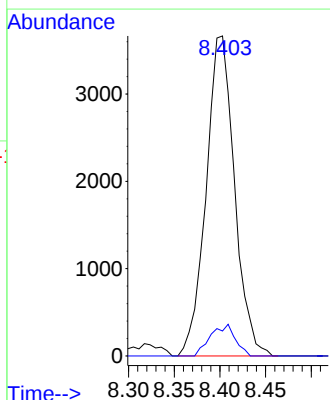
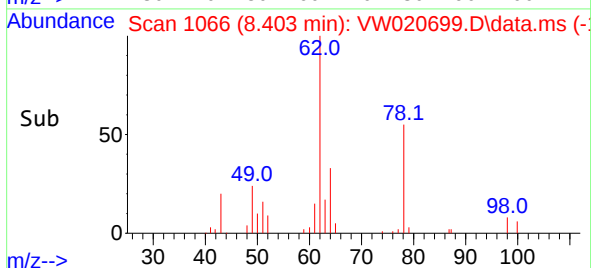


#42
1,2-Dichloroethane
Concen: 5.011 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 62 Resp: 7930

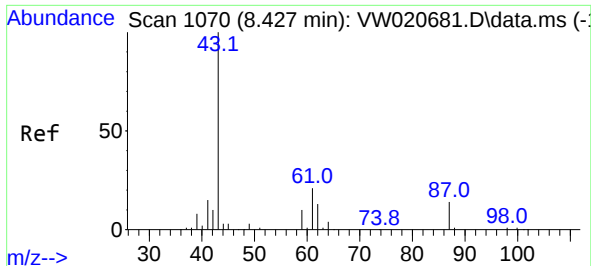
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



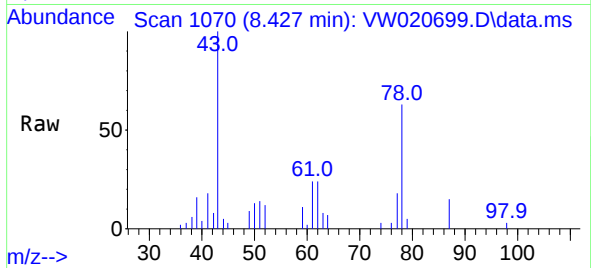
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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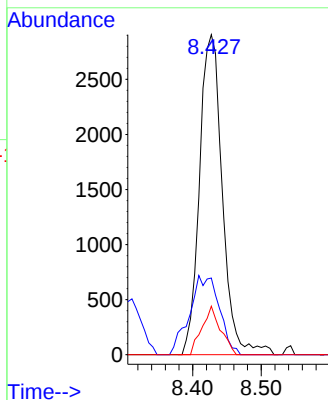
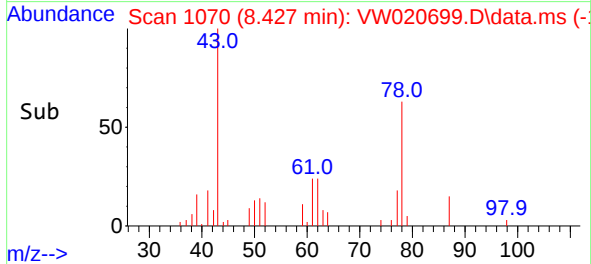


#43
Isopropyl Acetate
Concen: 4.378 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 43 Resp: 6752

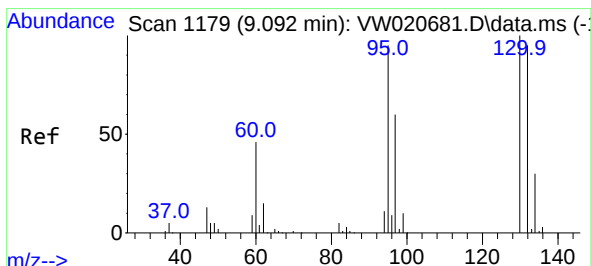
Ion	Ratio	Lower	Upper
43	100		
61	32.1	23.3	34.9
87	12.4	10.4	15.6



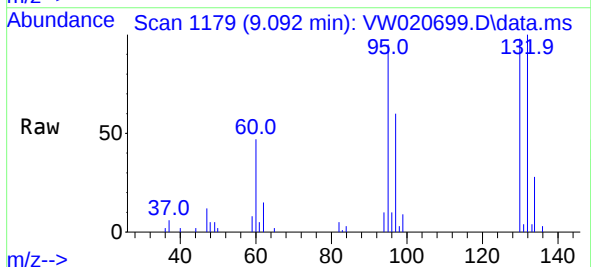
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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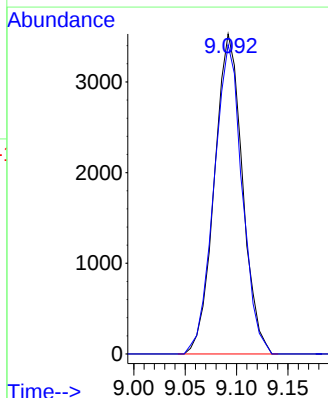
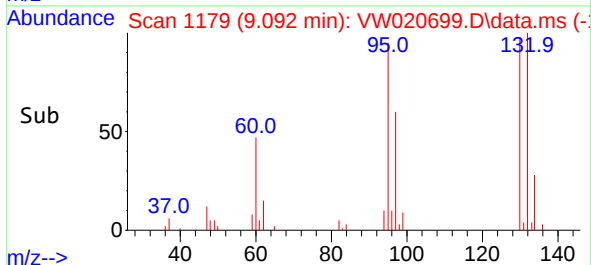


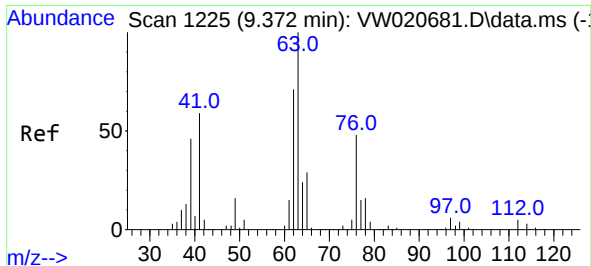
#44
Trichloroethene
Concen: 5.006 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 130 Resp: 6687

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	189.2





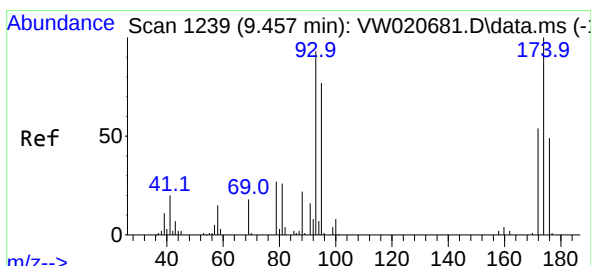
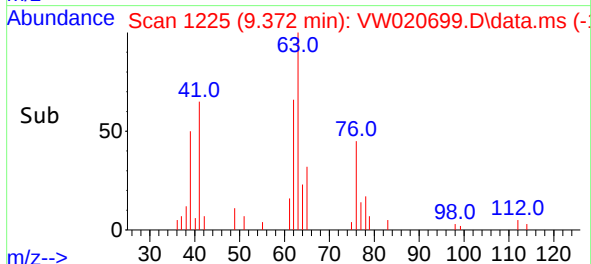
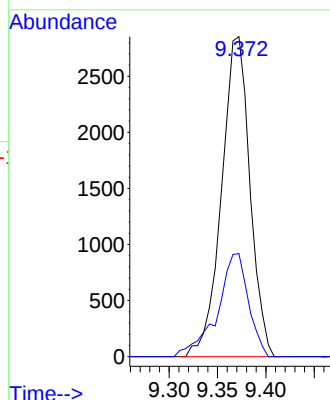
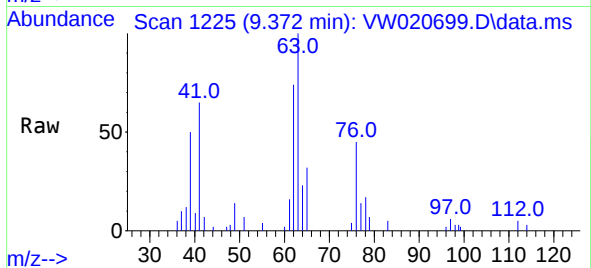
#45
1,2-Dichloropropane
Concen: 4.932 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 63 Resp: 5811
Ion Ratio Lower Upper
63 100
65 32.2 23.7 35.5

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

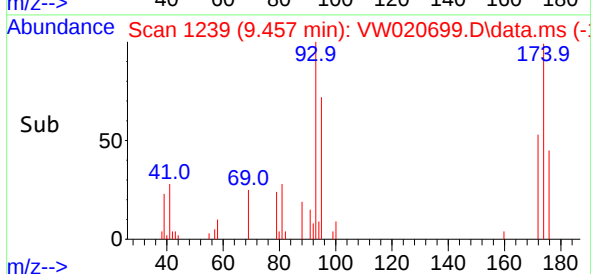
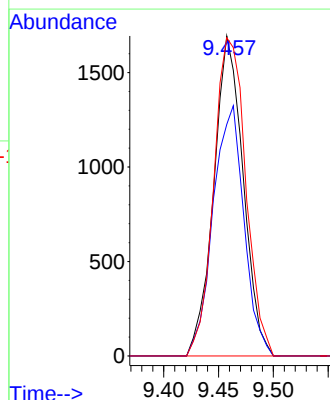
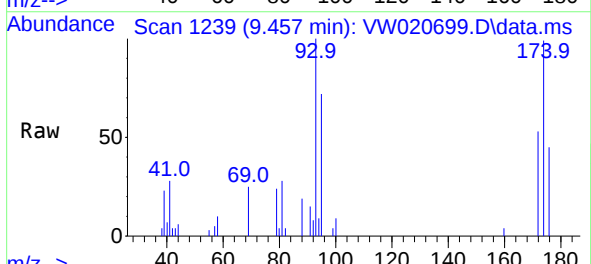
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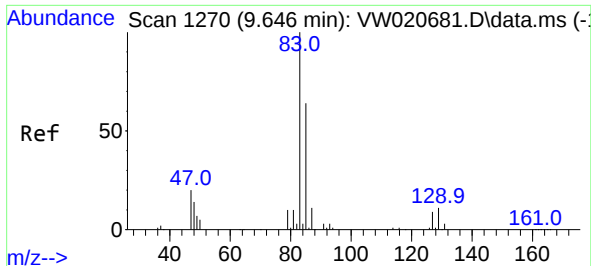
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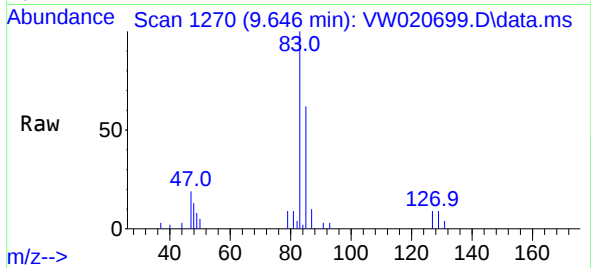
#46
Dibromomethane
Concen: 4.771 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 93 Resp: 3158
Ion Ratio Lower Upper
93 100
95 82.0 67.0 100.4
174 108.0 88.9 133.3



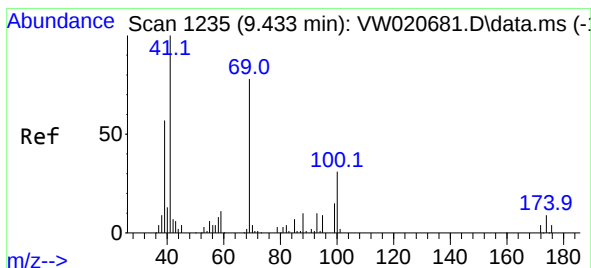
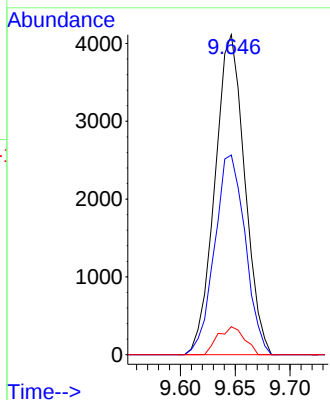
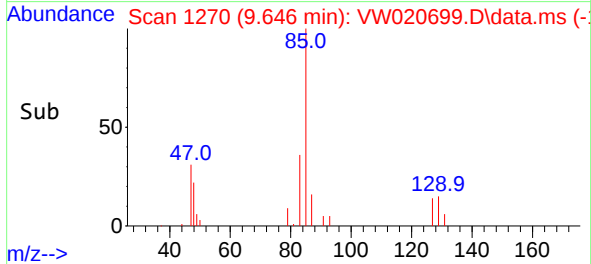


#47
Bromodichloromethane
Concen: 4.770 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

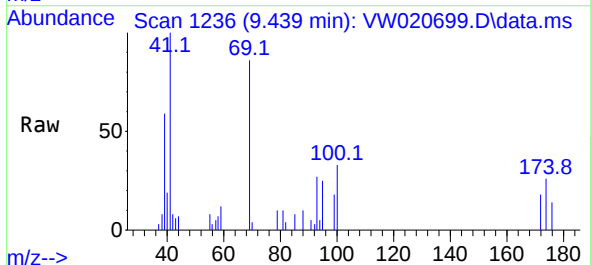


Tgt Ion: 83 Resp: 7783

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.0	76.6
127	8.8	7.0	10.4

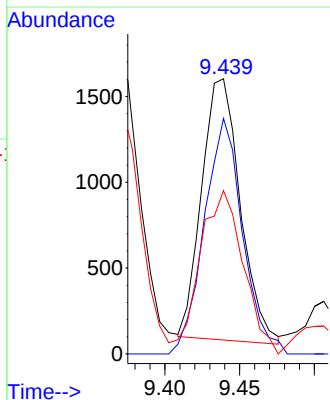
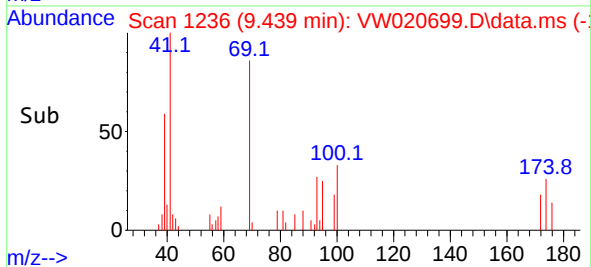


#48
Methyl methacrylate
Concen: 3.669 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 41 Resp: 2723

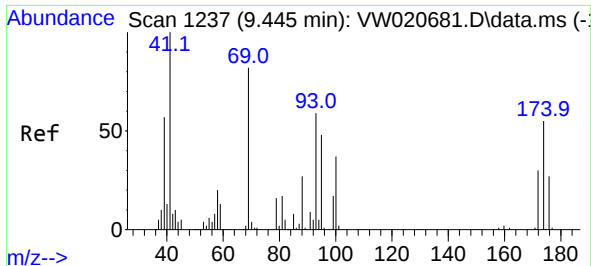
Ion	Ratio	Lower	Upper
41	100		
69	89.8	67.2	100.8
39	70.1	47.0	70.6



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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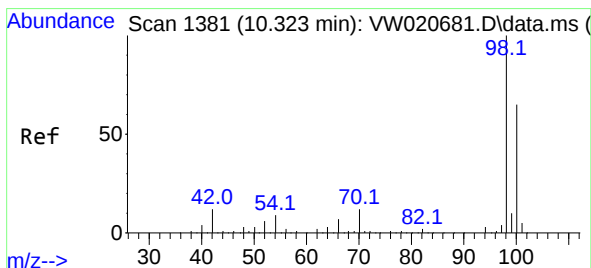
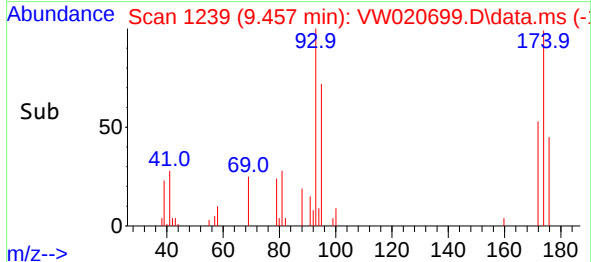
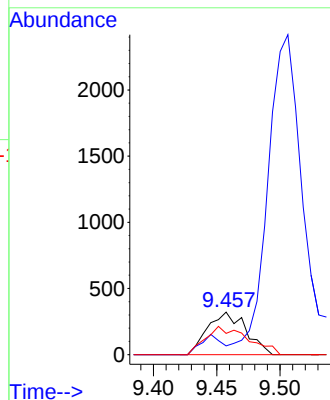
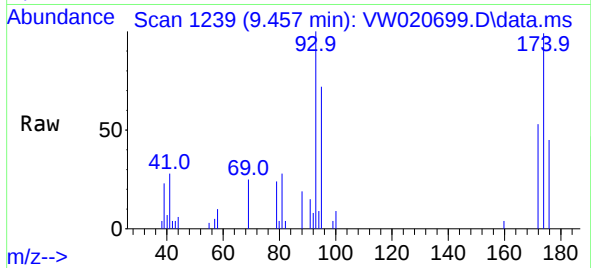
#49
1,4-Dioxane
Concen: 76.839 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.012 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 88 Resp: 676
Ion Ratio Lower Upper
88 100
43 25.9 28.8 43.2#
58 73.7 59.6 89.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

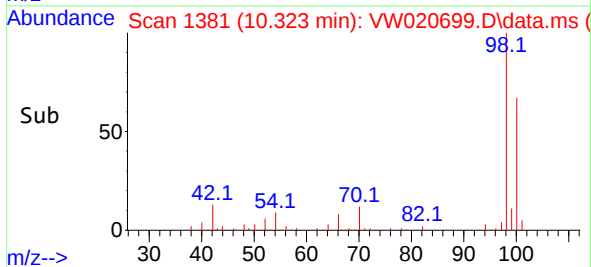
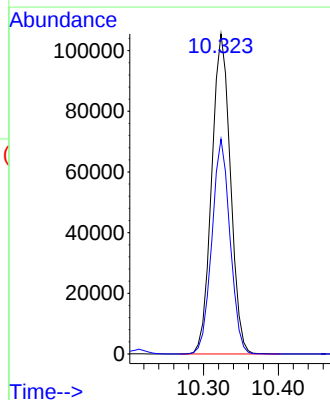
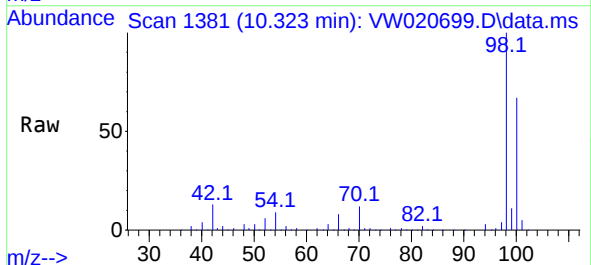
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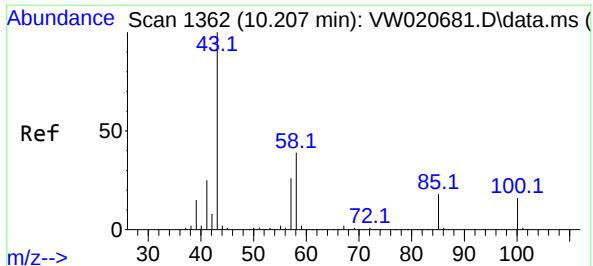
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#50
Toluene-d8
Concen: 44.022 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 98 Resp: 183525
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8





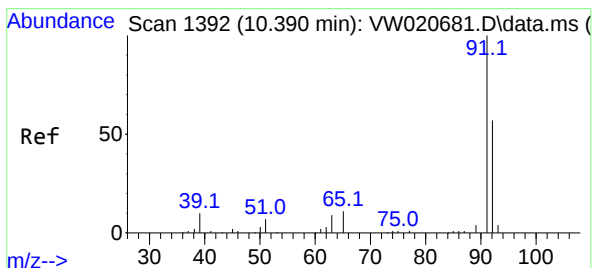
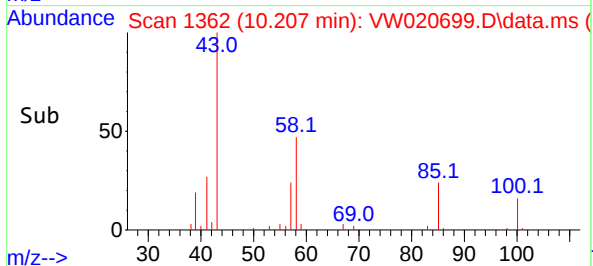
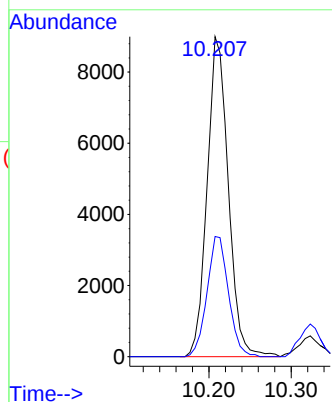
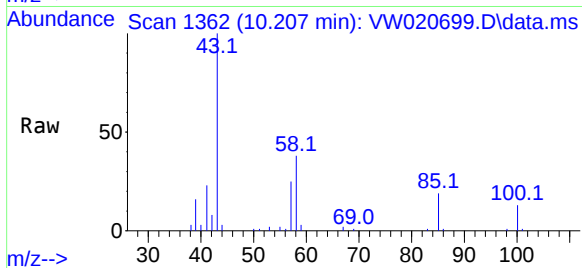
#51
4-Methyl-2-Pentanone
Concen: 19.177 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 43 Resp: 16082
Ion Ratio Lower Upper
43 100
58 38.1 30.6 46.0

Instrument :
MSVOA_W
ClientSampleId :
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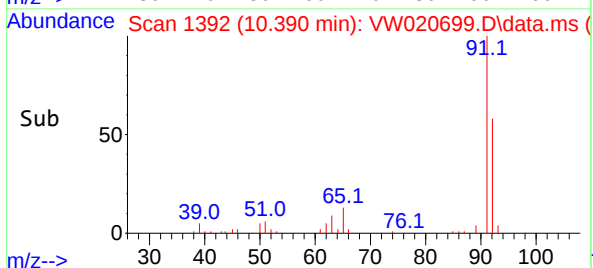
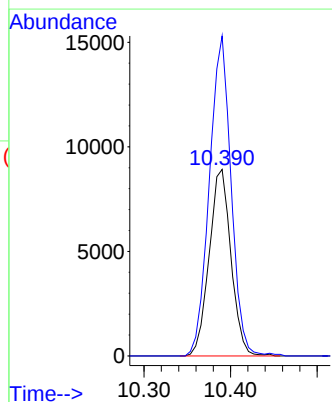
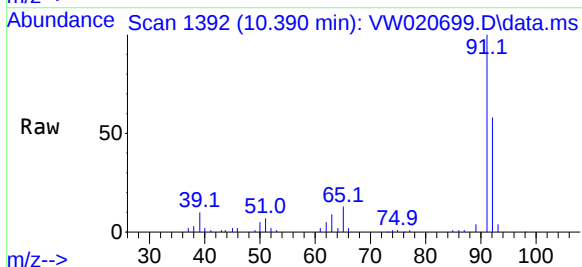
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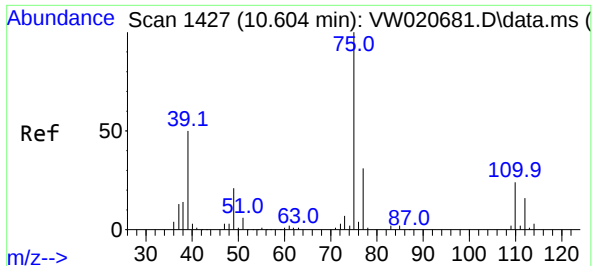
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#52
Toluene
Concen: 5.054 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 92 Resp: 15607
Ion Ratio Lower Upper
92 100
91 170.9 136.6 204.8





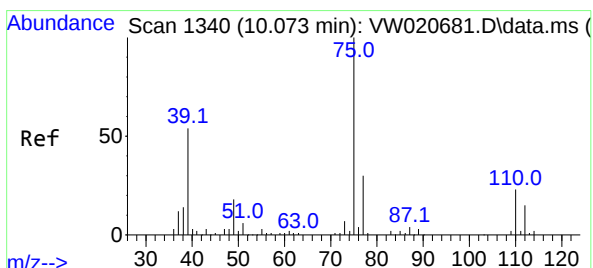
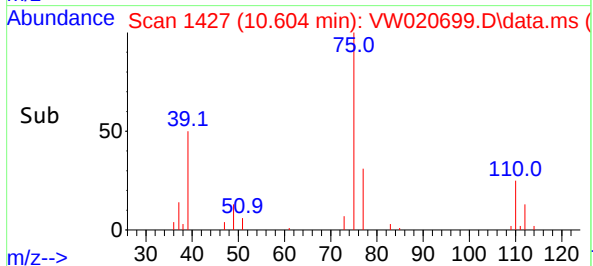
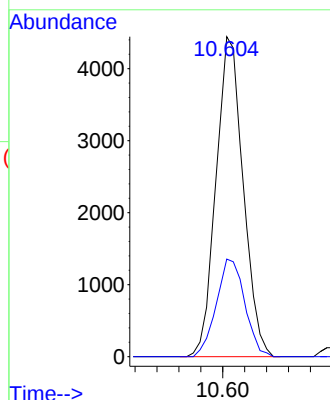
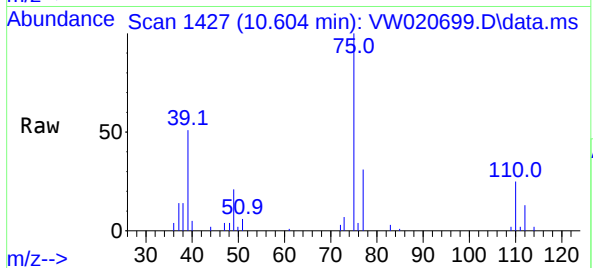
#53
t-1,3-Dichloropropene
Concen: 4.600 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 75 Resp: 7638
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

Instrument :
MSVOA_W
ClientSampleId :
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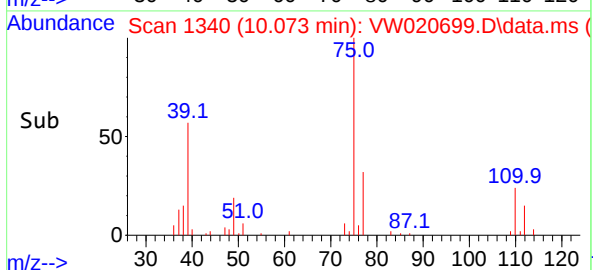
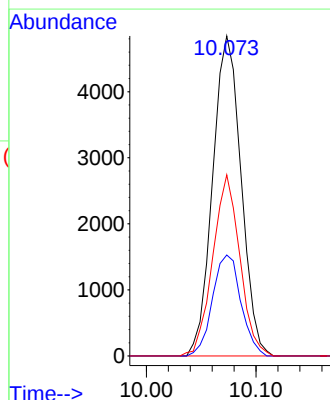
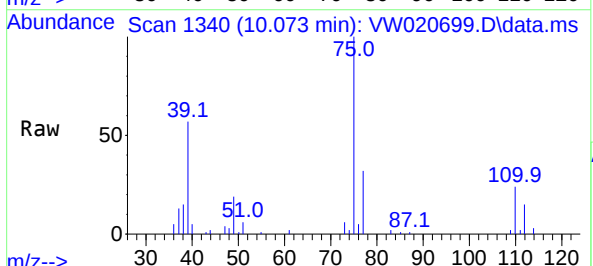
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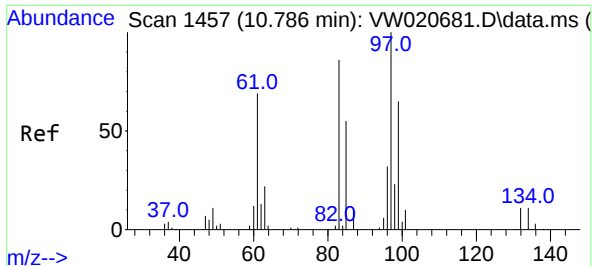
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#54
cis-1,3-Dichloropropene
Concen: 4.638 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

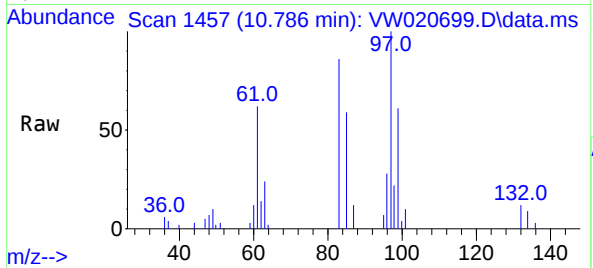
Tgt Ion: 75 Resp: 8724
Ion Ratio Lower Upper
75 100
77 31.6 23.8 35.8
39 56.6 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 4.640 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

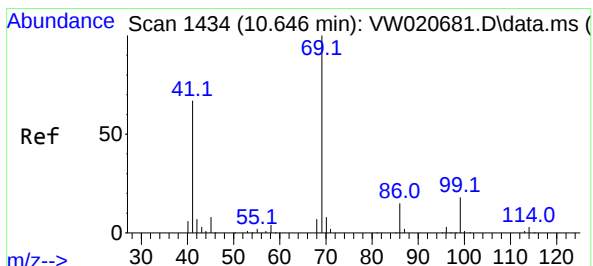
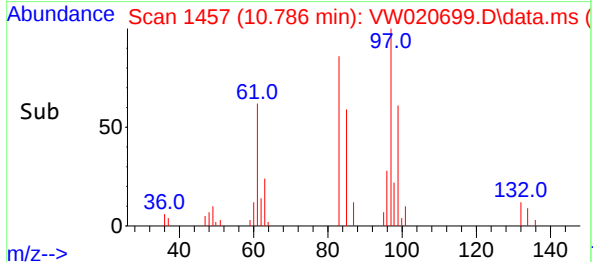
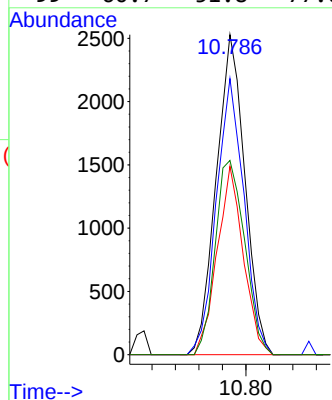


Tgt Ion: 97 Resp: 4279

Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	58.8	44.3	66.5
99	60.7	51.8	77.6

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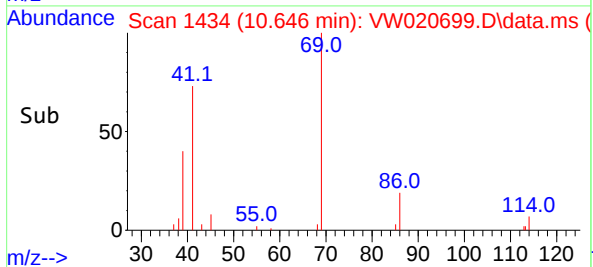
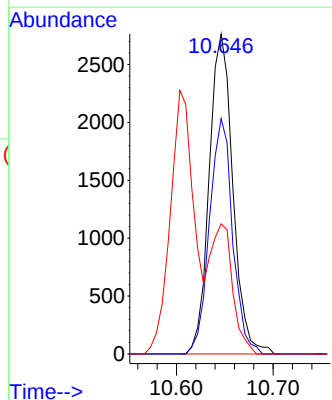
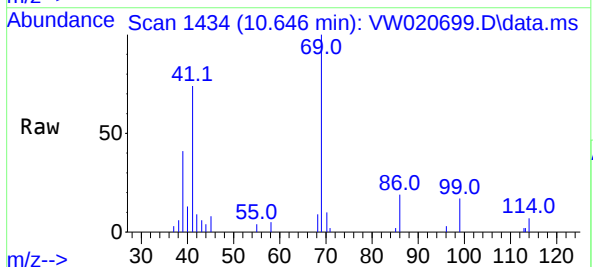
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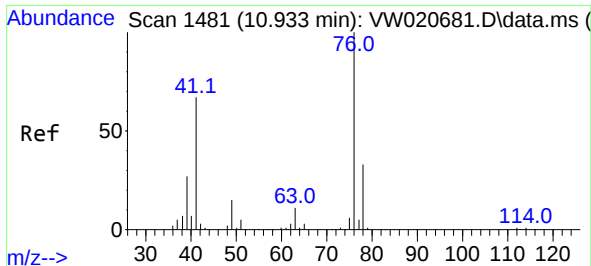


#56
Ethyl methacrylate
Concen: 3.956 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

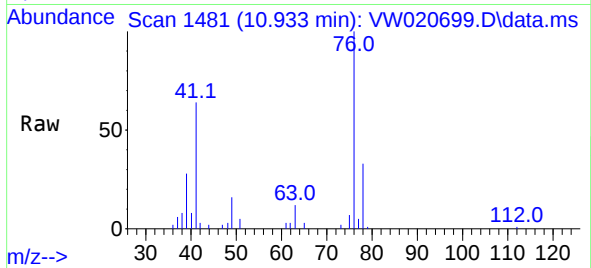
Tgt Ion: 69 Resp: 4690

Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.6	85.0
39	38.8	29.6	44.4

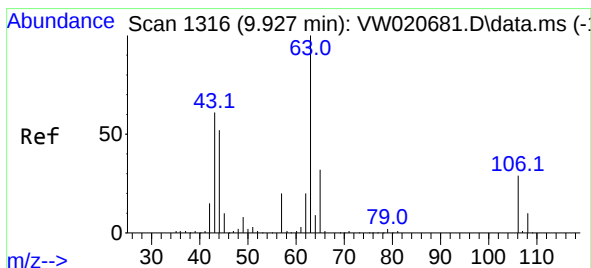
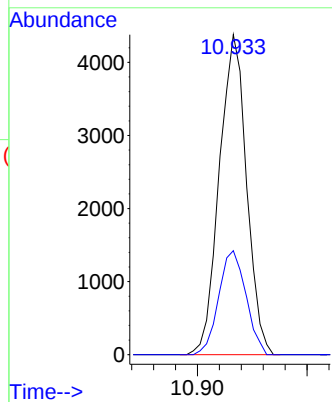
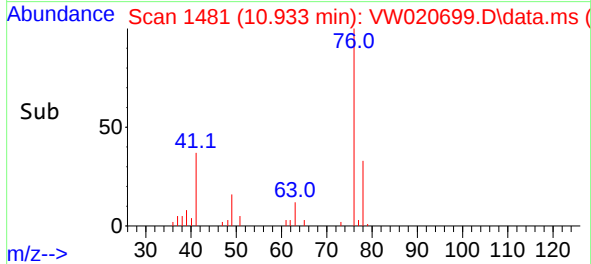




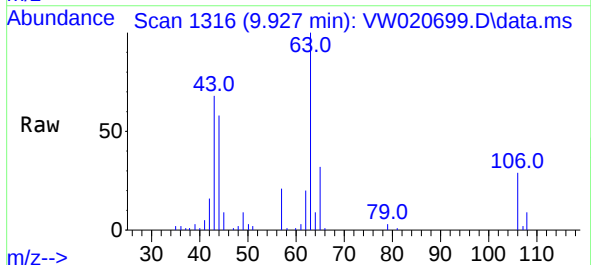
#57
1,3-Dichloropropane
Concen: 4.729 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



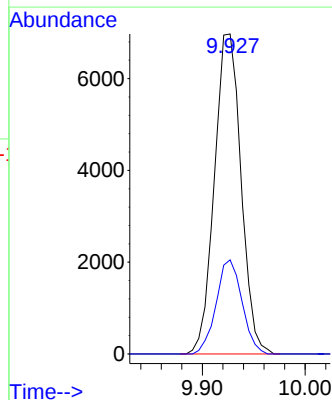
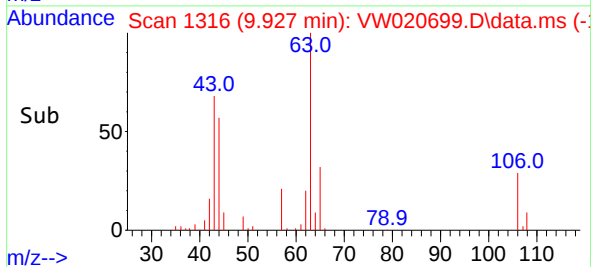
Tgt Ion: 76 Resp: 7557
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 23.471 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



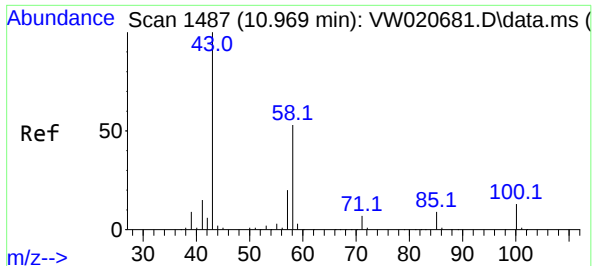
Tgt Ion: 63 Resp: 12543
Ion Ratio Lower Upper
63 100
106 28.5 23.0 34.6



Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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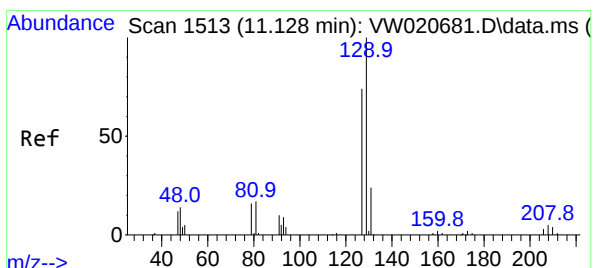
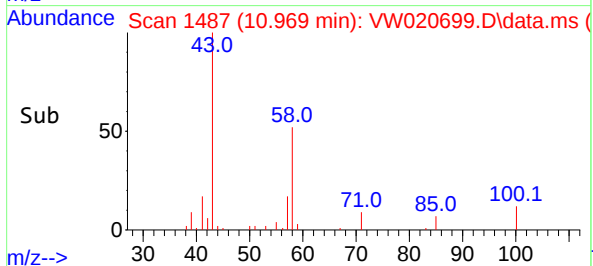
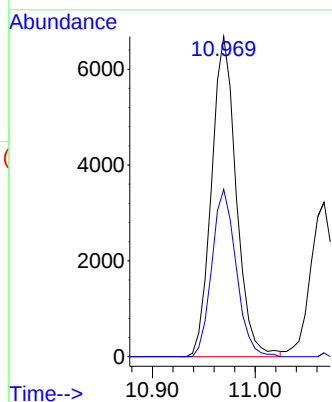
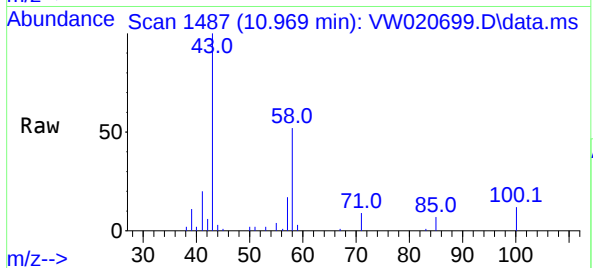
#59
2-Hexanone
Concen: 18.774 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 43 Resp: 11139
Ion Ratio Lower Upper
43 100
58 51.4 26.4 79.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

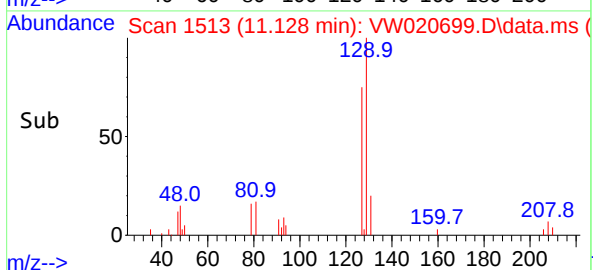
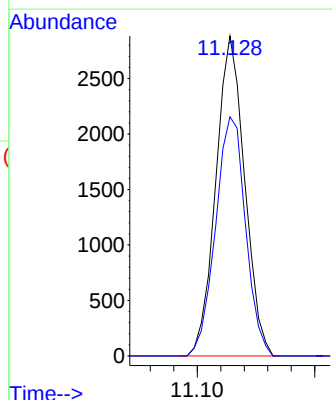
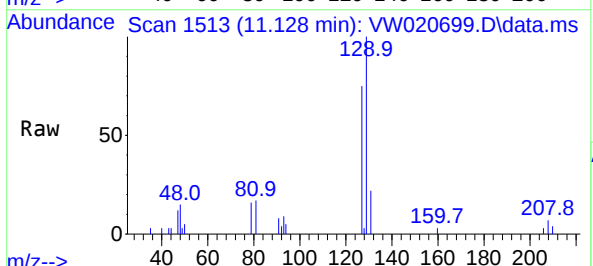
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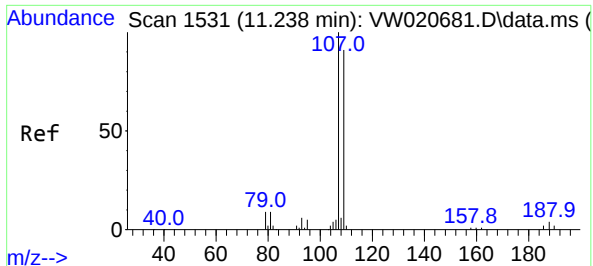
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#60
Dibromochloromethane
Concen: 4.515 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

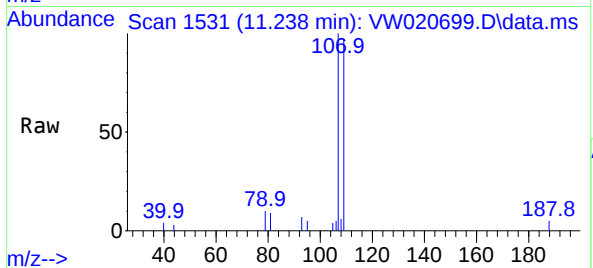
Tgt Ion: 129 Resp: 4909
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61
1,2-Dibromoethane
Concen: 4.729 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

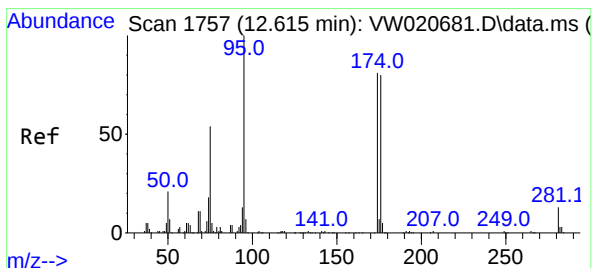
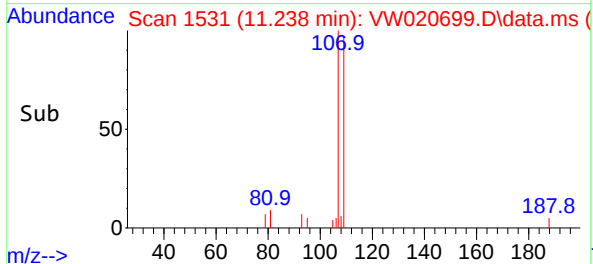
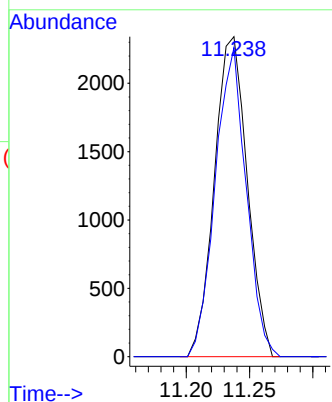
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



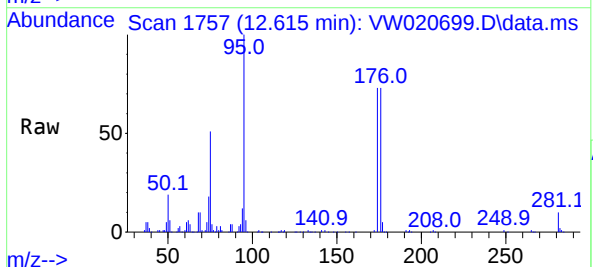
Tgt Ion:107 Resp: 4220
Ion Ratio Lower Upper
107 100
109 90.9 75.4 113.2

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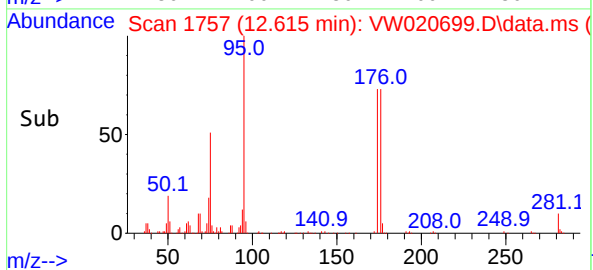
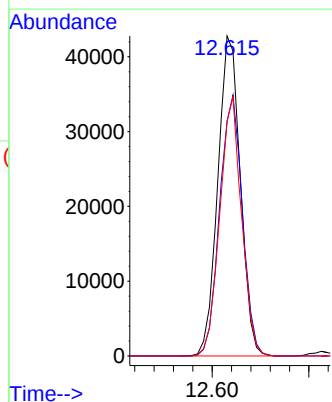
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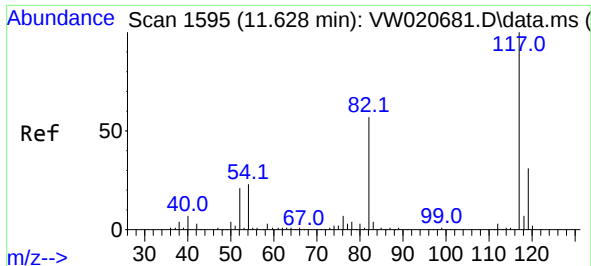


#62
4-Bromofluorobenzene
Concen: 45.076 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



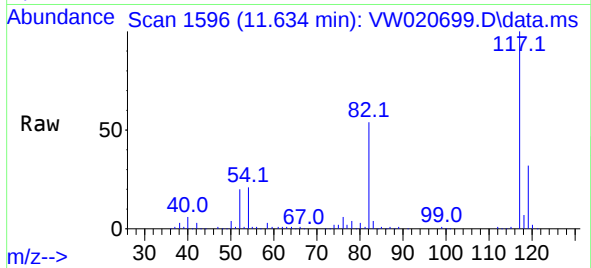
Tgt Ion: 95 Resp: 68888
Ion Ratio Lower Upper
95 100
174 82.1 0.0 166.4
176 78.3 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

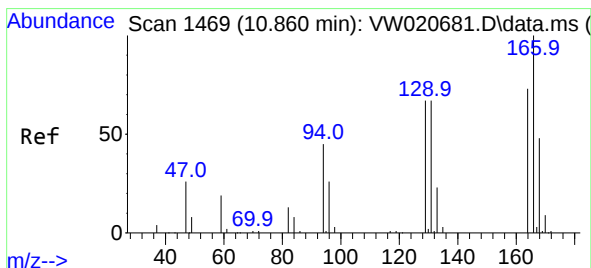
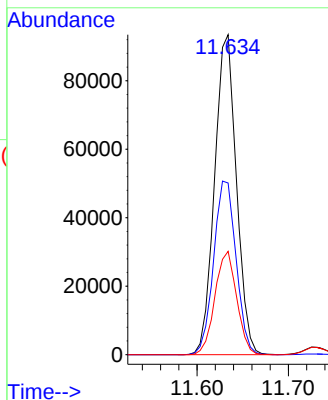
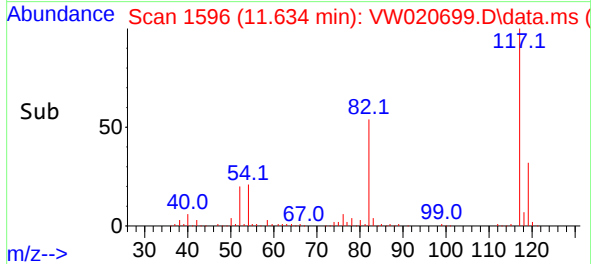
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



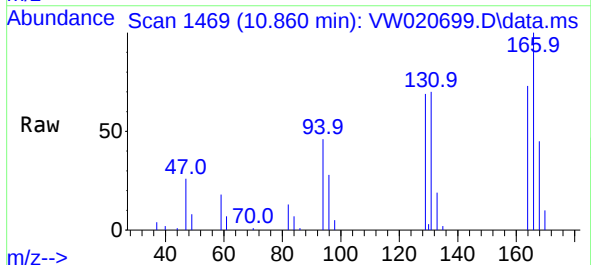
Tgt Ion:117 Resp: 155124
Ion Ratio Lower Upper
117 100
82 53.7 45.6 68.4
119 32.3 25.0 37.4

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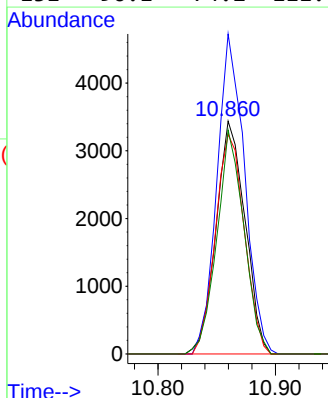
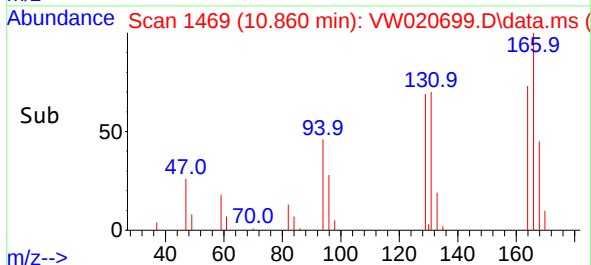
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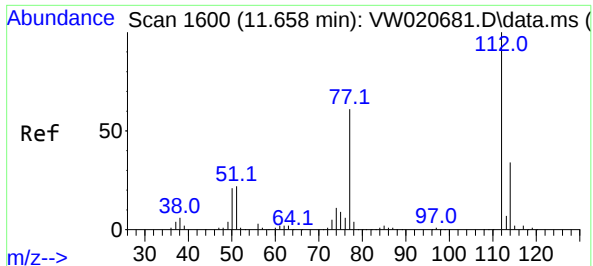


#64
Tetrachloroethene
Concen: 4.898 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



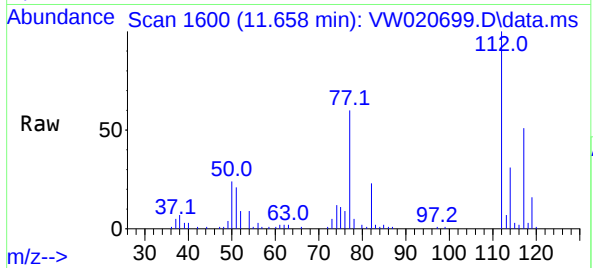
Tgt Ion:164 Resp: 5899
Ion Ratio Lower Upper
164 100
166 137.5 110.2 165.4
129 94.3 74.4 111.6
131 96.1 74.2 111.4





#65
Chlorobenzene
Concen: 4.788 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

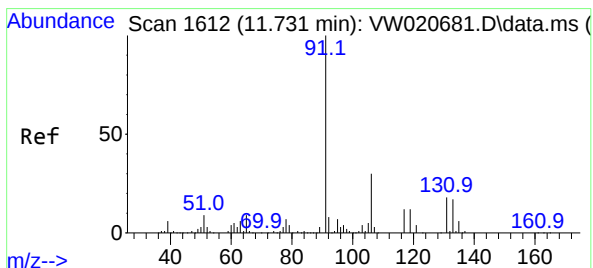
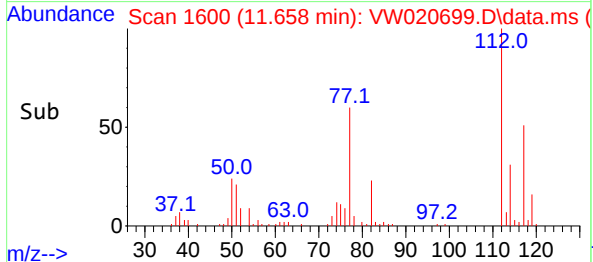
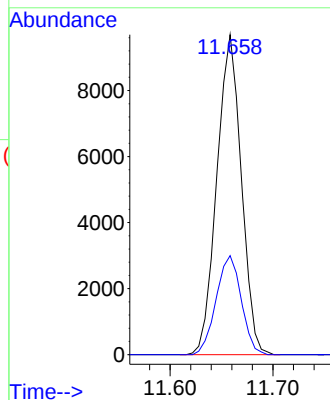
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



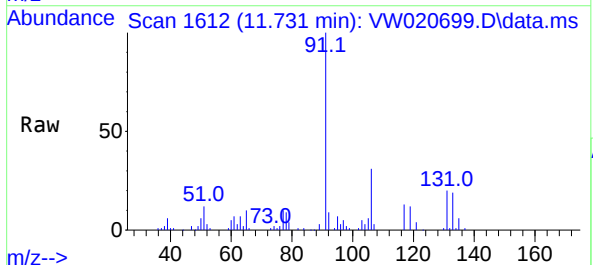
Tgt Ion:112 Resp: 15989
Ion Ratio Lower Upper
112 100
114 30.9 27.0 40.6

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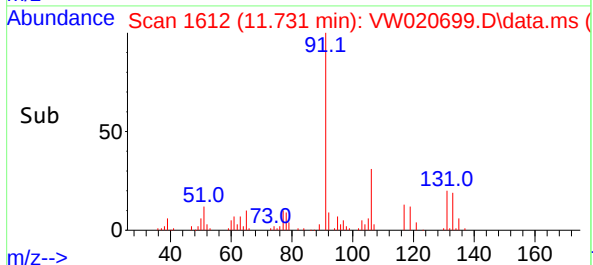
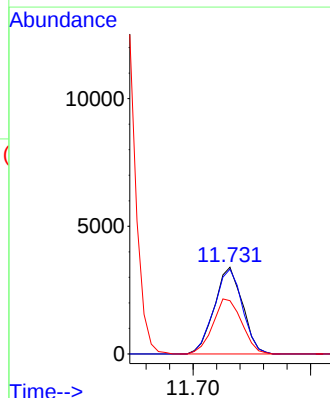
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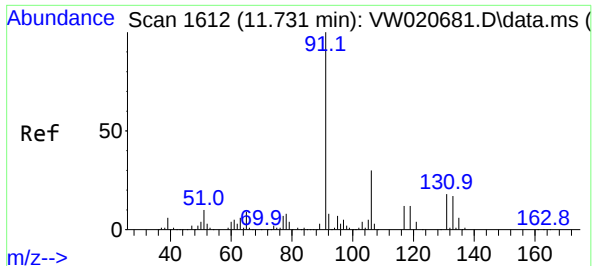


#66
1,1,1,2-Tetrachloroethane
Concen: 4.687 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

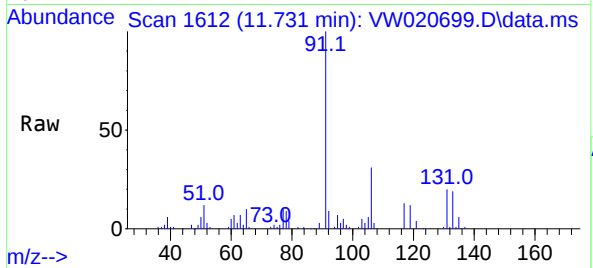


Tgt Ion:131 Resp: 5674
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.8
119 64.9 31.6 95.0

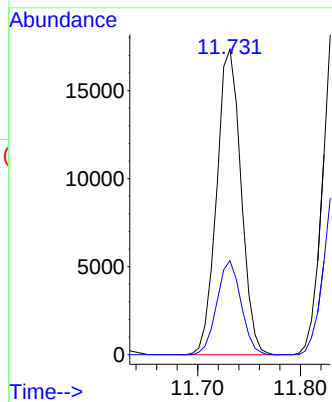
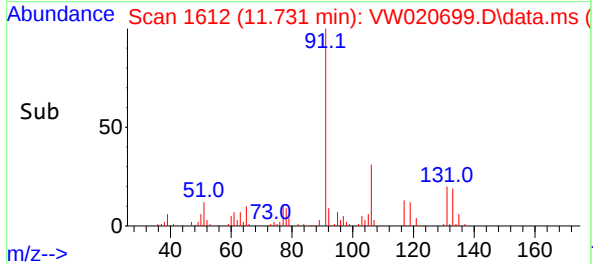




#67
Ethyl Benzene
Concen: 4.716 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



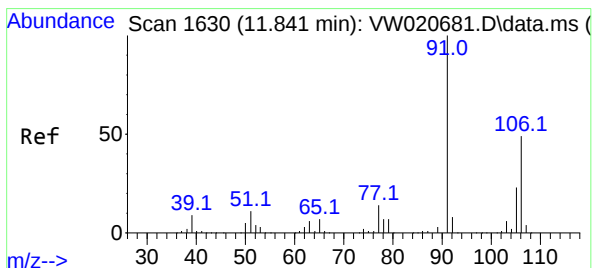
Tgt Ion: 91 Resp: 28516
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



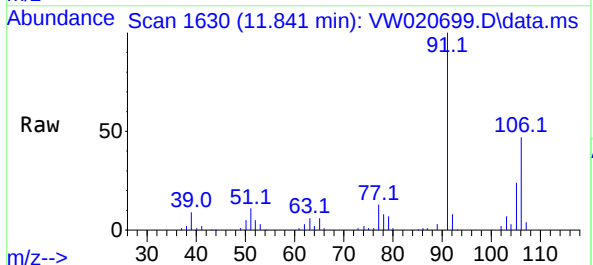
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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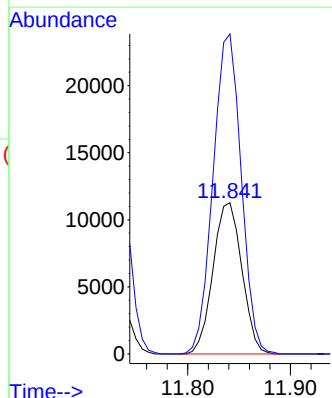
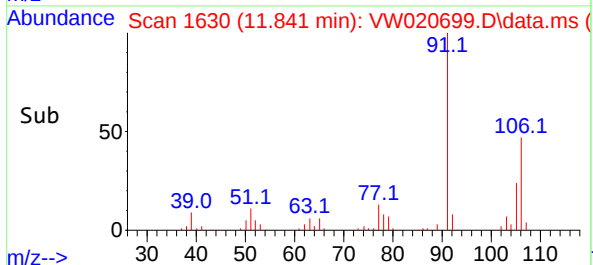
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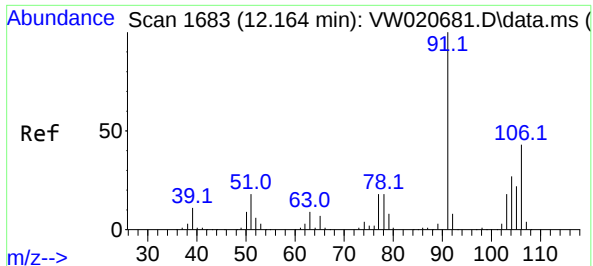


#68
m/p-Xylenes
Concen: 9.393 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion:106 Resp: 21959
Ion Ratio Lower Upper
106 100
91 206.5 166.4 249.6





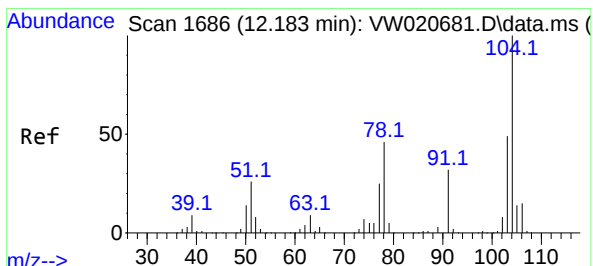
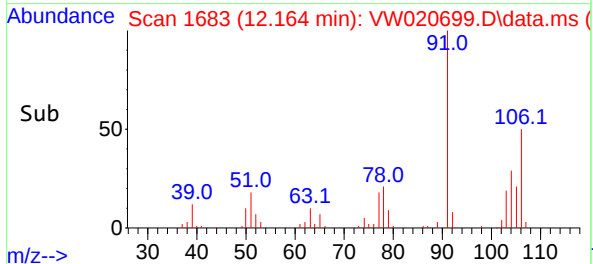
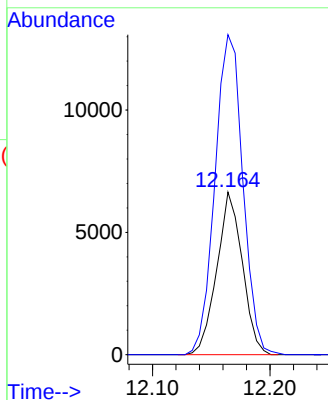
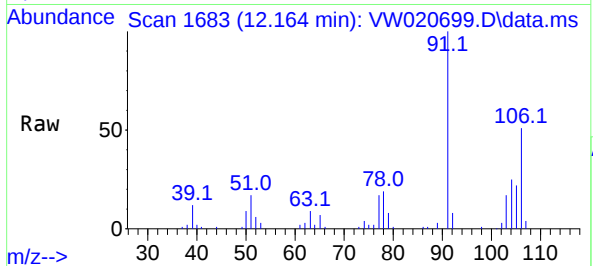
#69
o-Xylene
Concen: 4.668 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:106 Resp: 10058
Ion Ratio Lower Upper
106 100
91 214.8 110.9 332.6

Instrument :
MSVOA_W
ClientSampleId :
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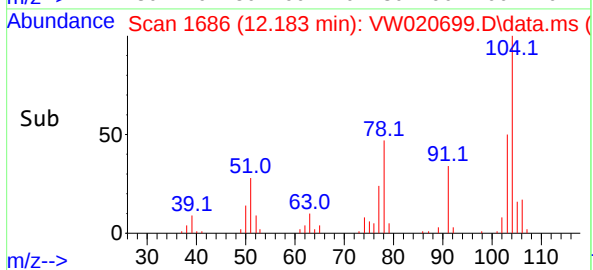
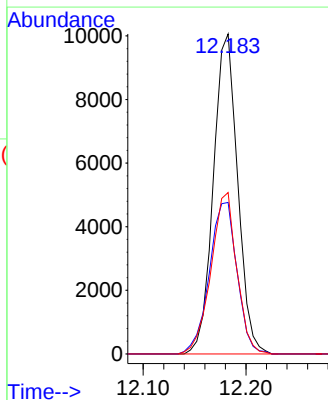
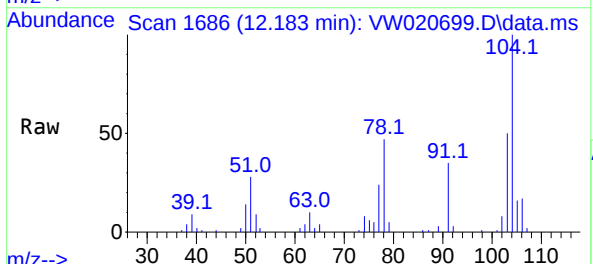
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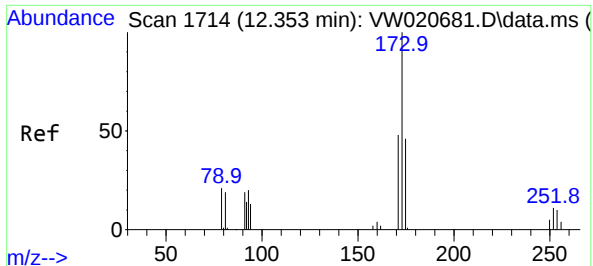
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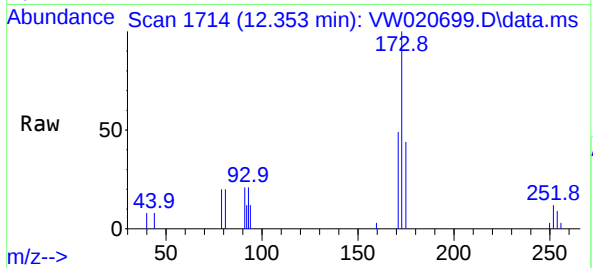
#70
Styrene
Concen: 4.463 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:104 Resp: 16471
Ion Ratio Lower Upper
104 100
78 54.2 41.4 62.0
103 53.6 43.3 64.9

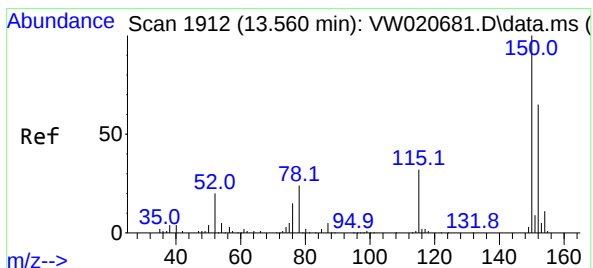
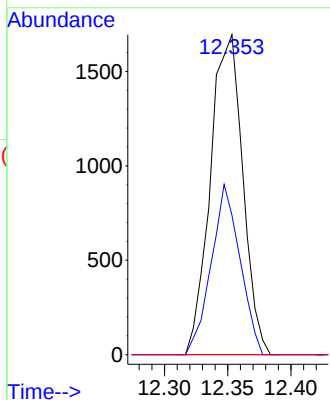
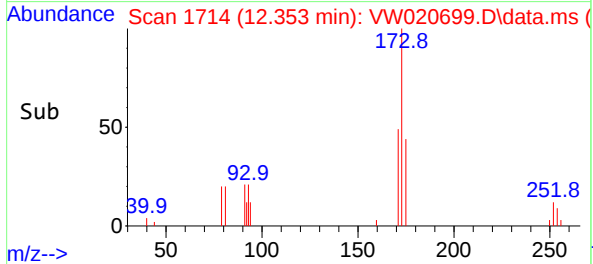




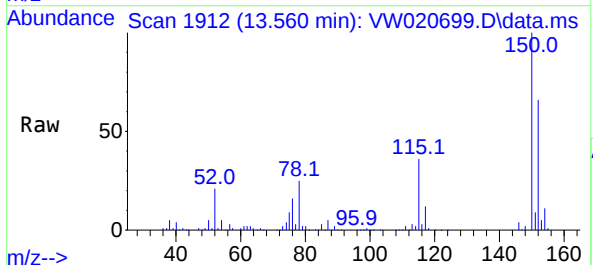
#71
Bromoform
Concen: 4.258 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



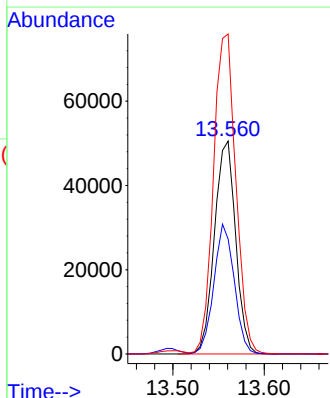
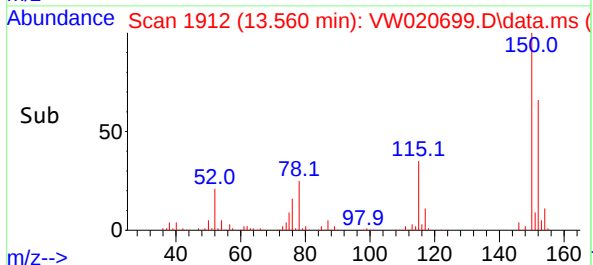
Tgt Ion:173 Resp: 3022
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



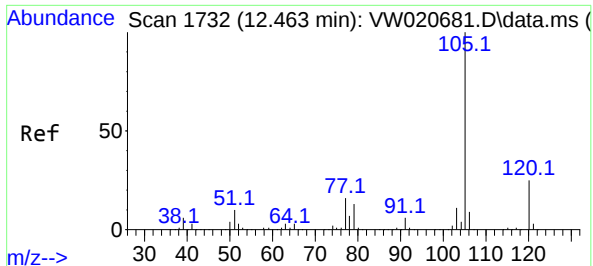
Tgt Ion:152 Resp: 81611
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.9
150 158.2 0.0 352.6



Instrument :
MSVOA_W
ClientSampleId :
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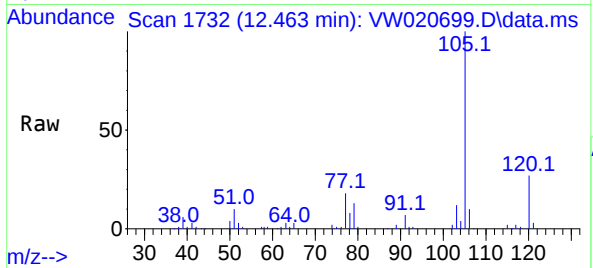
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#73
Isopropylbenzene
Concen: 4.693 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

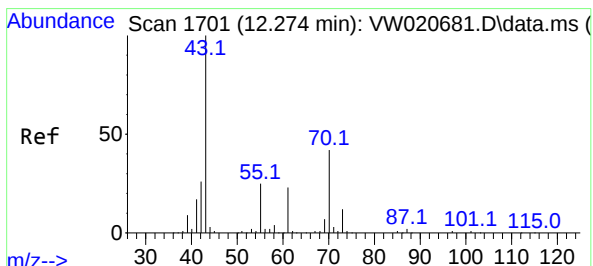
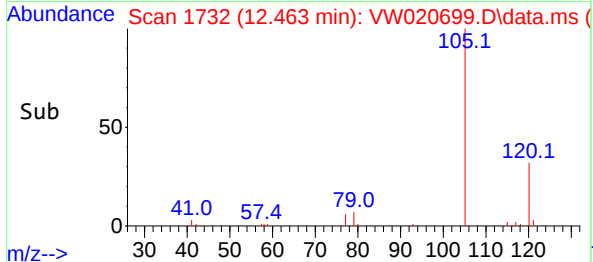
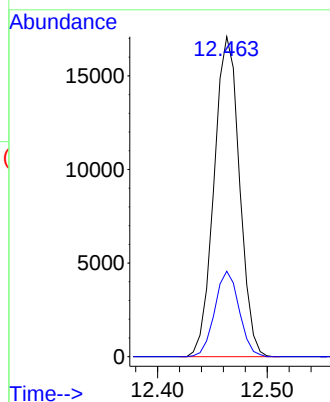
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



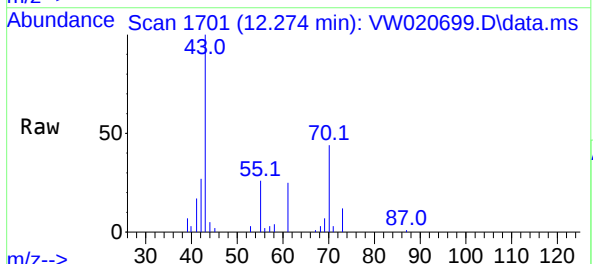
Tgt Ion:105 Resp: 27589
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

Manual Integrations
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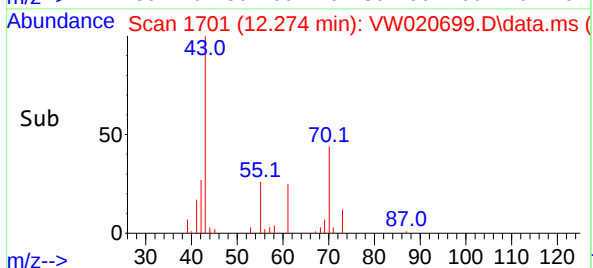
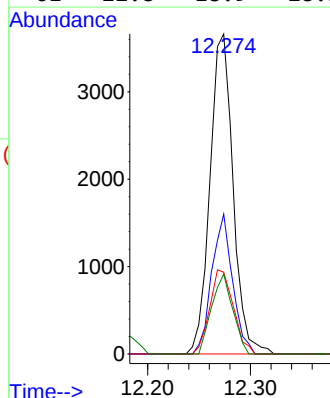
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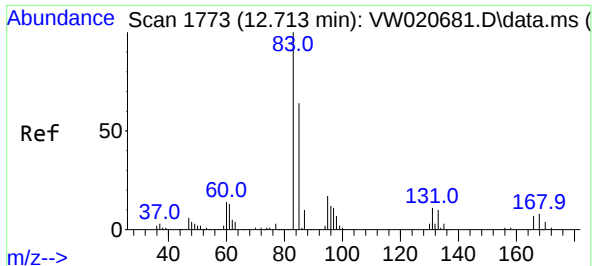


#74
N-ethyl acetate
Concen: 4.007 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion: 43 Resp: 5717
Ion Ratio Lower Upper
43 100
70 39.3 33.4 50.2
55 26.9 20.1 30.1
61 22.8 18.9 28.3





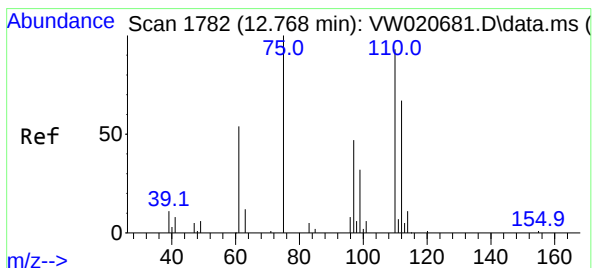
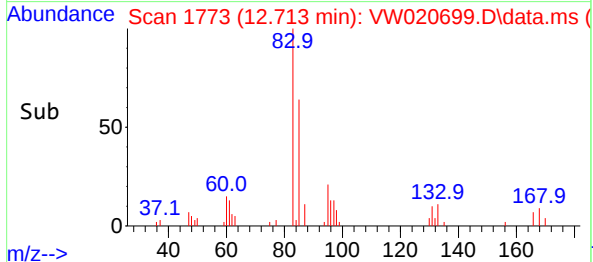
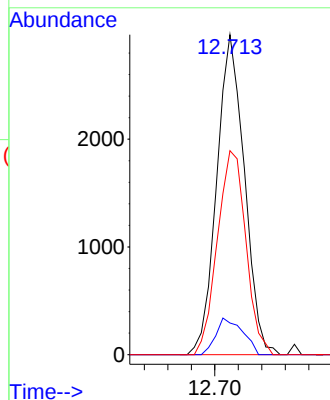
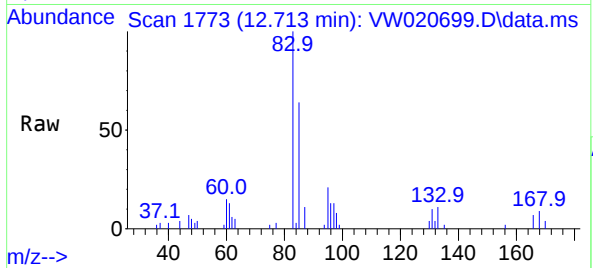
#75
1,1,2,2-Tetrachloroethane
Concen: 4.413 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 83 Resp: 4860
Ion Ratio Lower Upper
83 100
131 11.0 5.8 17.3
85 65.7 31.8 95.4

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

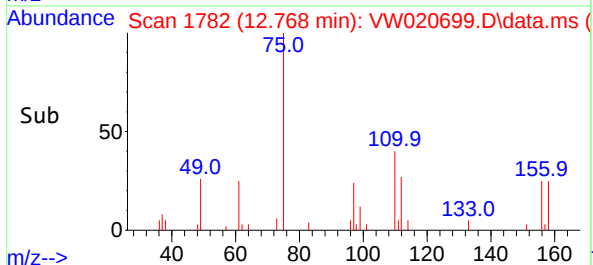
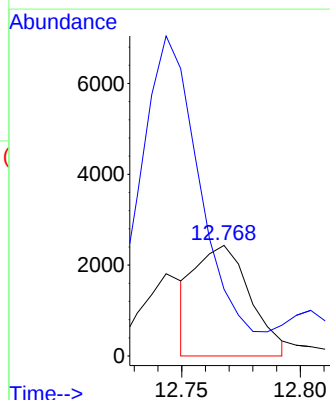
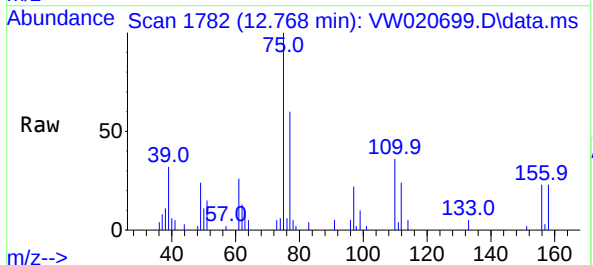
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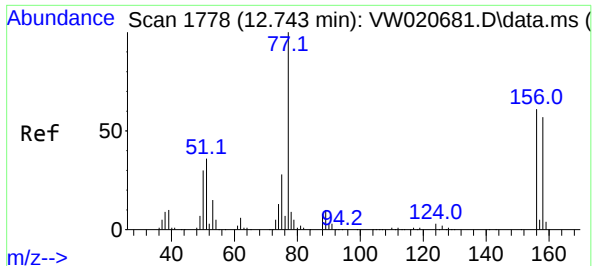
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#76
1,2,3-Trichloropropane
Concen: 4.347 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 75 Resp: 3930
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





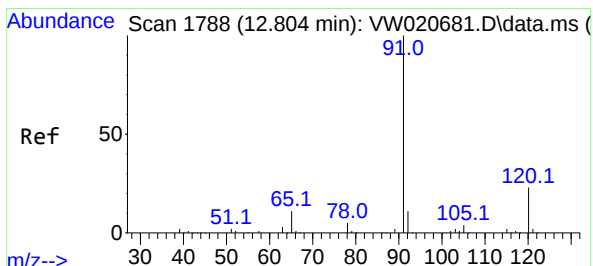
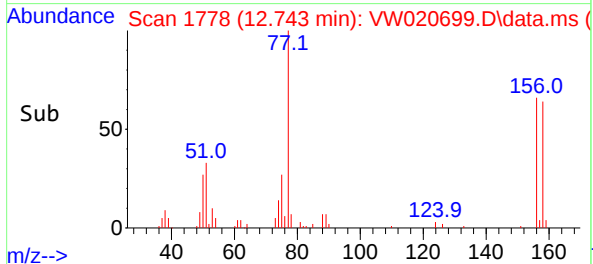
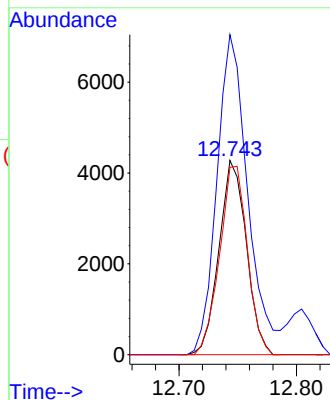
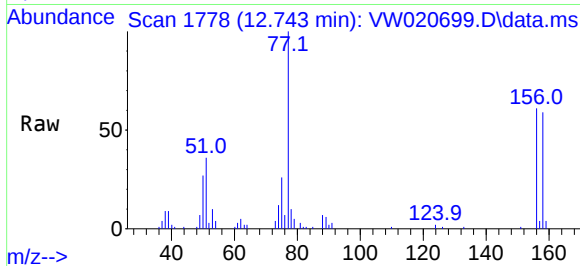
#77
Bromobenzene
Concen: 4.917 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 156 Resp: 6934
Ion Ratio Lower Upper
156 100
77 185.6 91.8 275.6
158 98.5 47.9 143.8

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

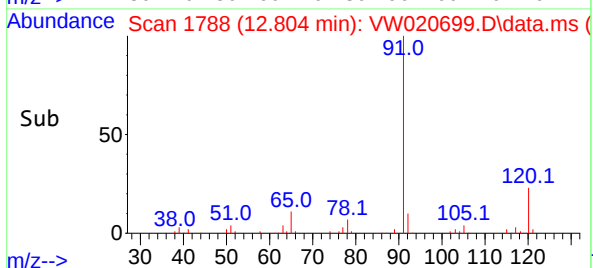
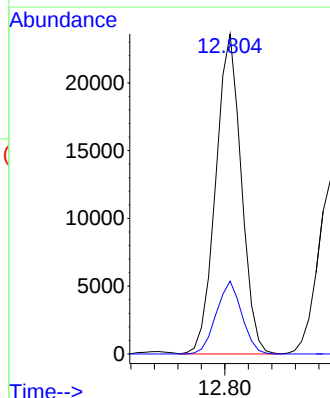
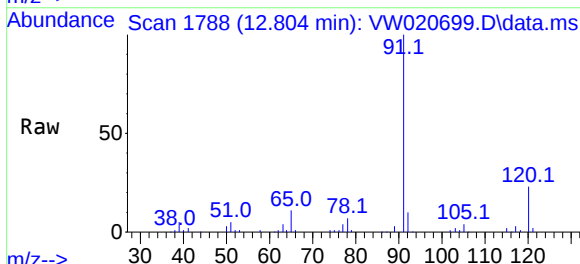
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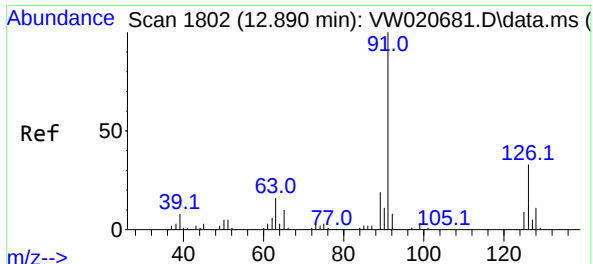
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#78
n-propylbenzene
Concen: 4.937 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 91 Resp: 35647
Ion Ratio Lower Upper
91 100
120 22.7 11.7 35.0





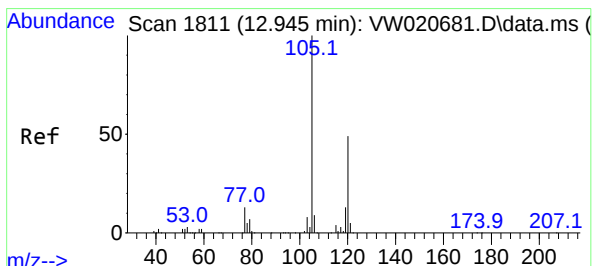
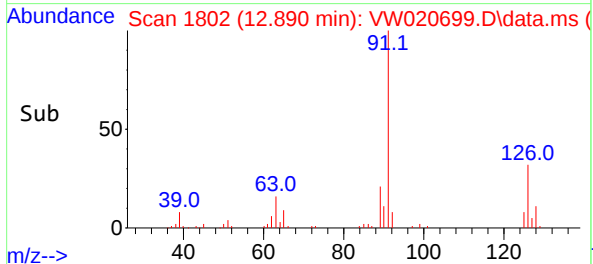
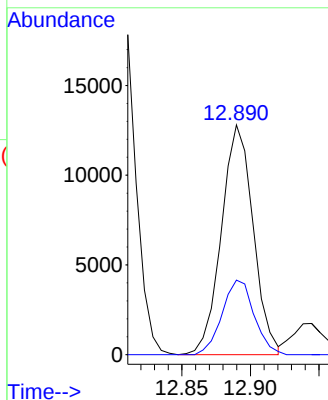
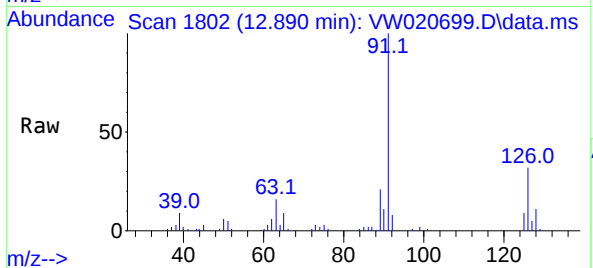
#79
2-Chlorotoluene
Concen: 4.979 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 91 Resp: 20679
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

Instrument :
MSVOA_W
ClientSampleId :
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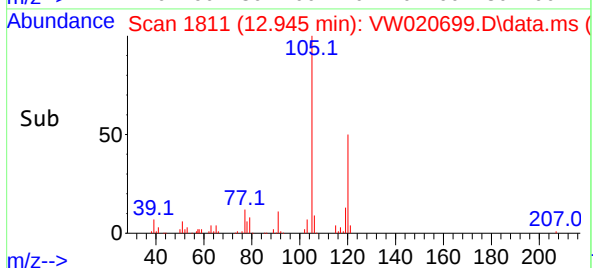
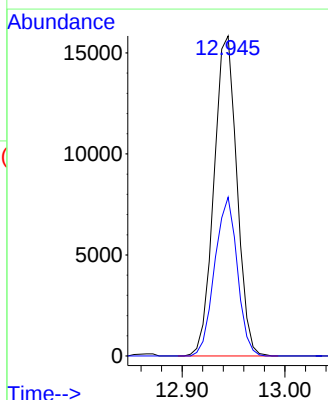
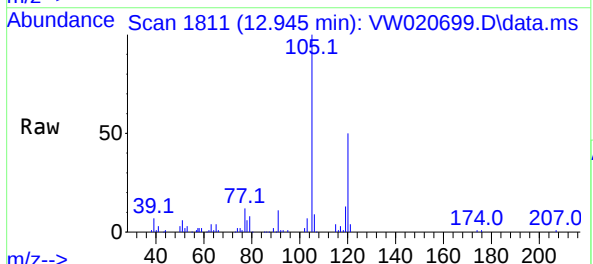
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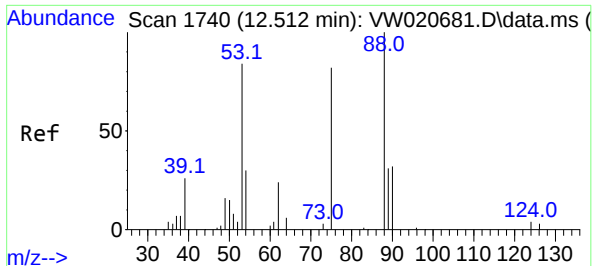
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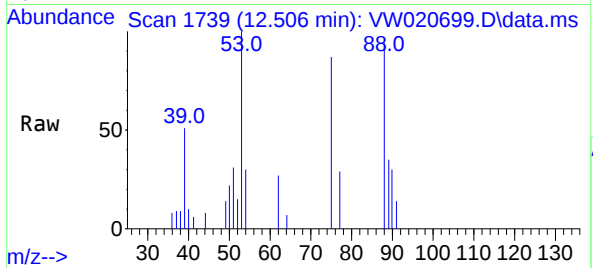
#80
1,3,5-Trimethylbenzene
Concen: 4.823 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion: 105 Resp: 24503
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9

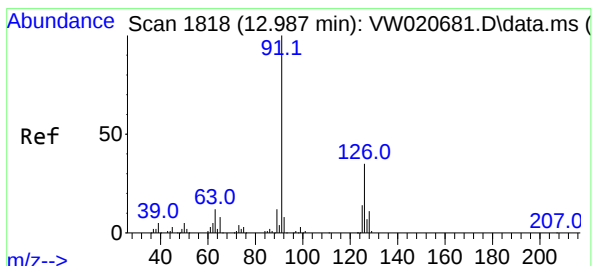
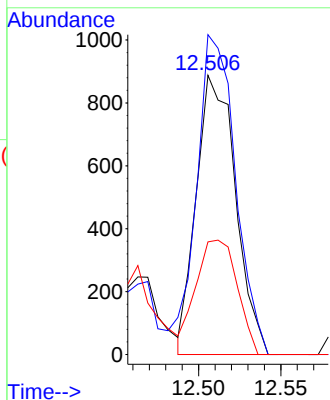
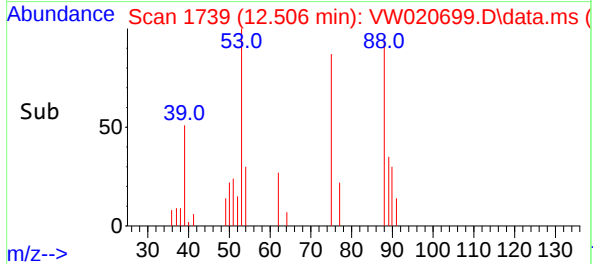




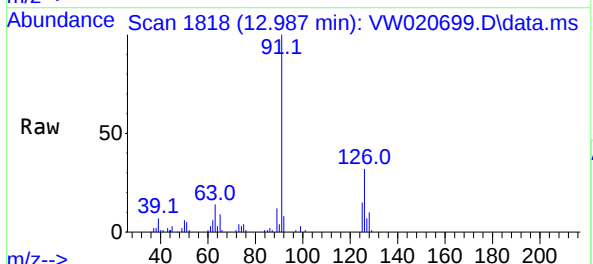
#81
trans-1,4-Dichloro-2-butene
Concen: 4.185 ug/l
RT: 12.506 min Scan# 1739
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



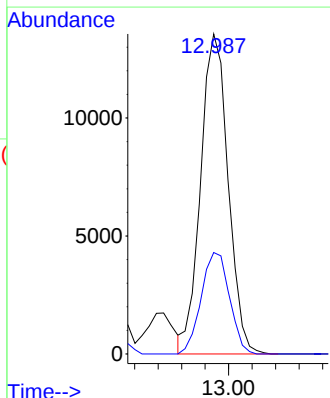
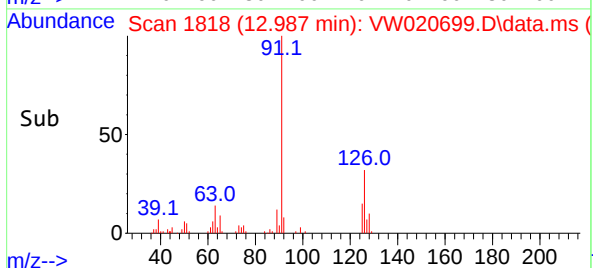
Tgt Ion: 75 Resp: 1473
Ion Ratio Lower Upper
75 100
53 113.7 83.7 125.5
89 43.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 5.045 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



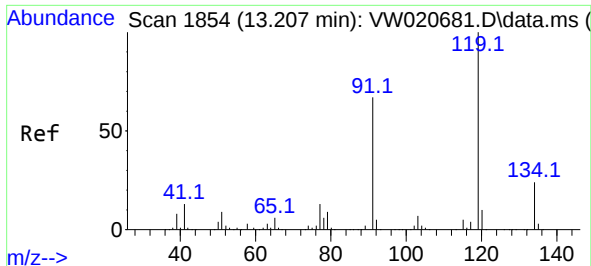
Tgt Ion: 91 Resp: 22039
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.4



Instrument :
MSVOA_W
ClientSampleId :
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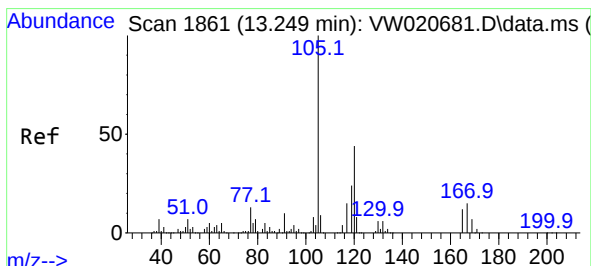
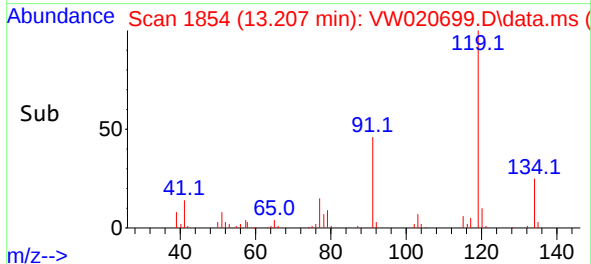
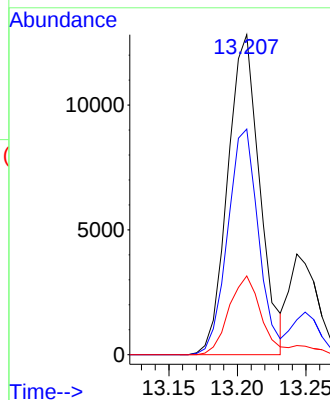
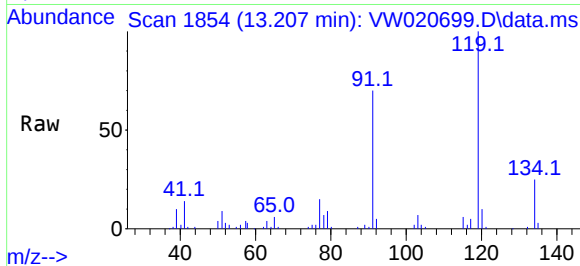
#83
tert-Butylbenzene
Concen: 4.750 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:119 Resp: 20830
Ion Ratio Lower Upper
119 100
91 67.9 32.9 98.7
134 24.7 12.4 37.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

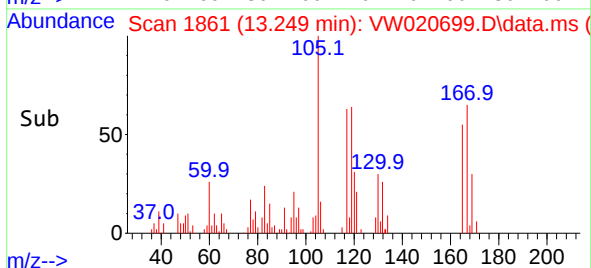
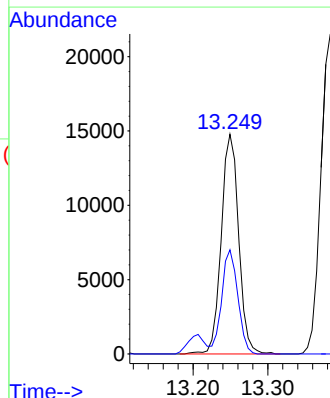
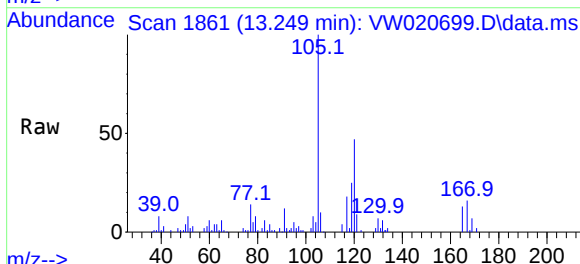
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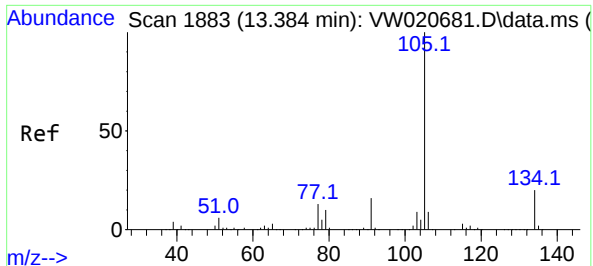
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#84
1,2,4-Trimethylbenzene
Concen: 4.762 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

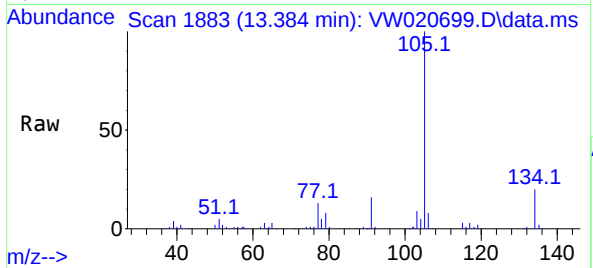
Tgt Ion:105 Resp: 23953
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.7





#85
sec-Butylbenzene
Concen: 4.865 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

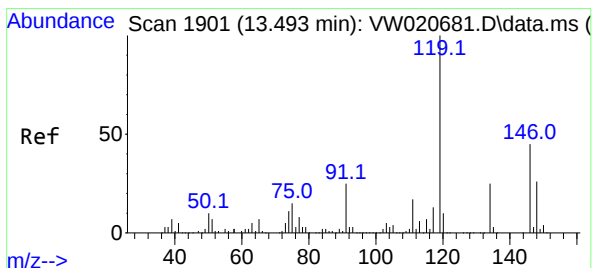
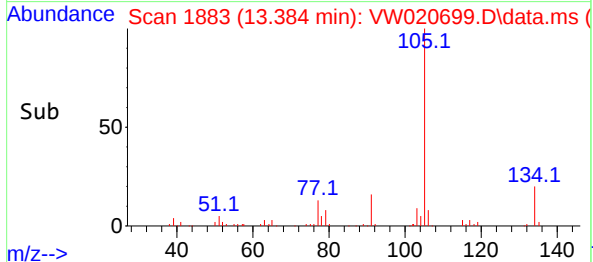
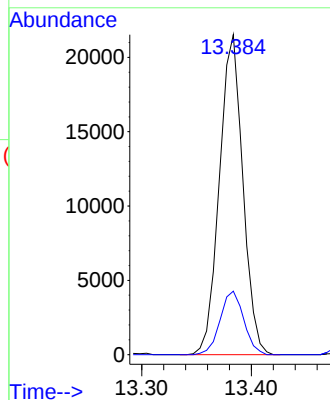
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



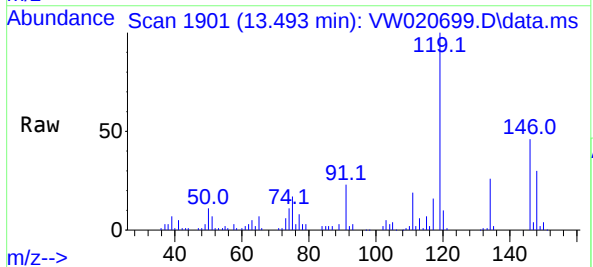
Tgt Ion:105 Resp: 31998
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.3

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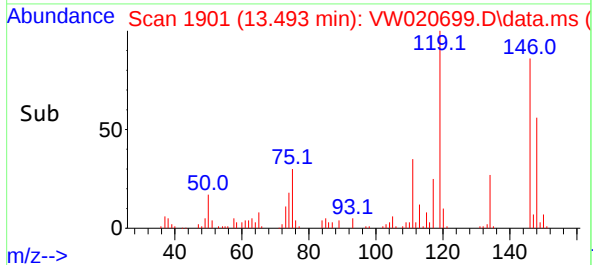
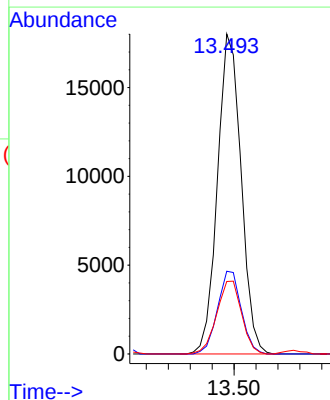
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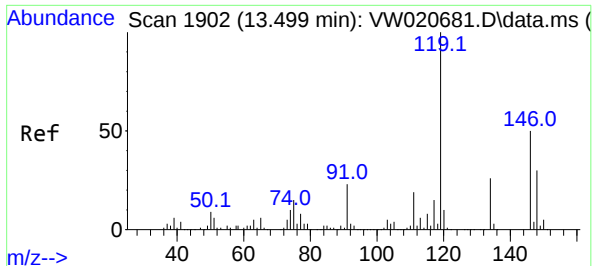


#86
p-Isopropyltoluene
Concen: 4.821 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



Tgt Ion:119 Resp: 26976
Ion Ratio Lower Upper
119 100
134 25.9 13.0 38.9
91 24.0 12.0 36.0





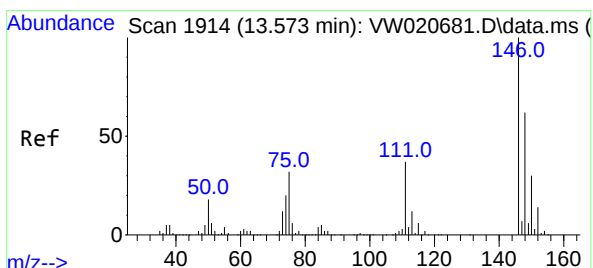
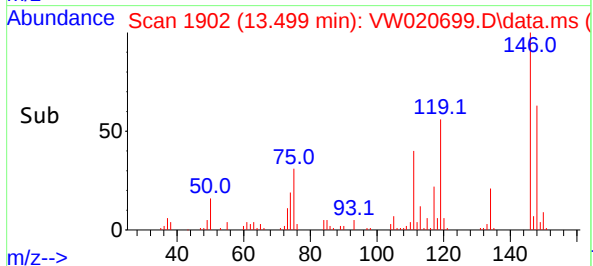
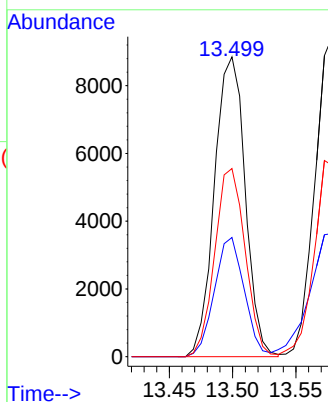
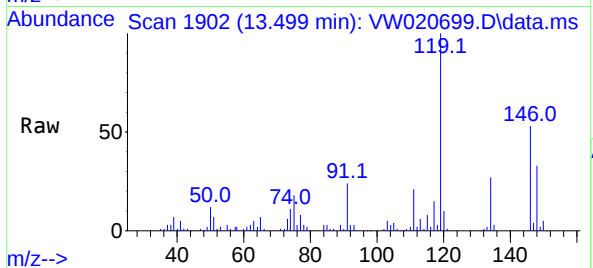
#87
1,3-Dichlorobenzene
Concen: 5.152 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	146	Resp:	14950
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.2
148	62.2	30.8	92.3

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

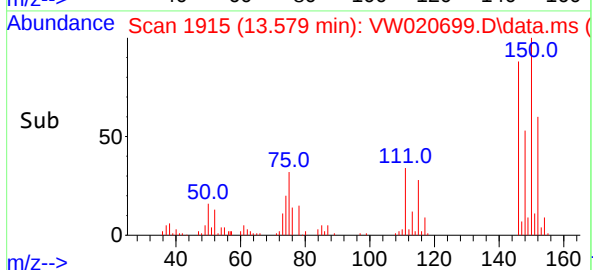
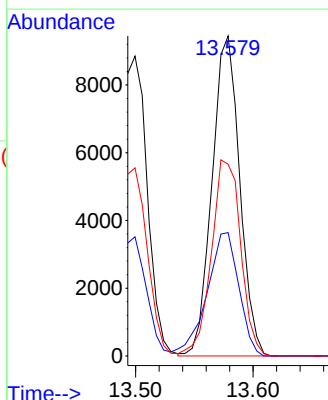
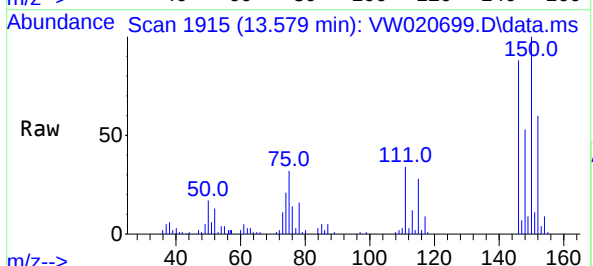
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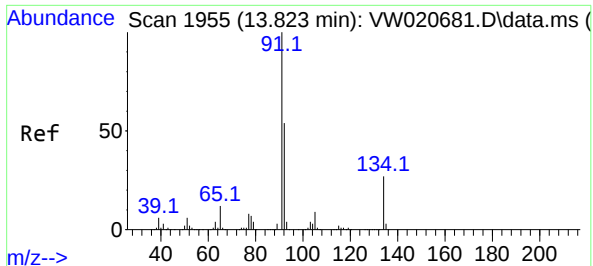
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#88
1,4-Dichlorobenzene
Concen: 5.338 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	146	Resp:	15467
Ion Ratio	Lower	Upper	
146	100		
111	44.5	19.4	58.4
148	64.9	32.4	97.2





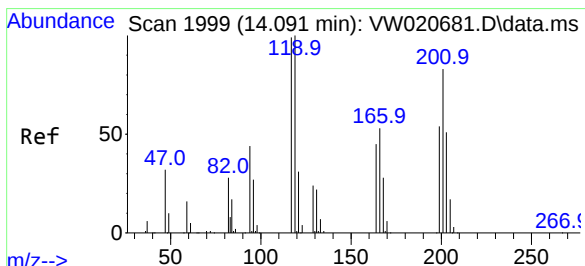
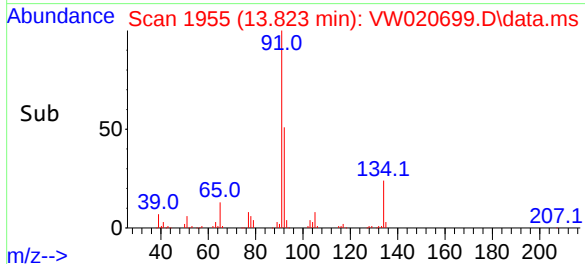
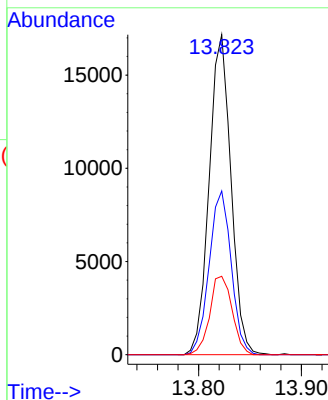
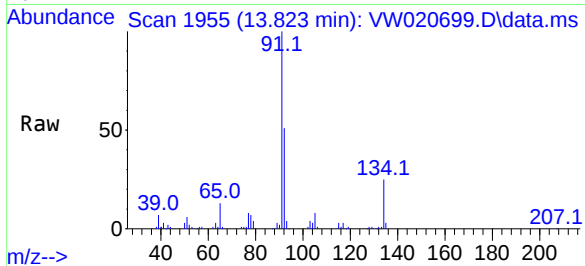
#89
n-Butylbenzene
Concen: 4.875 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	91	Resp:	25298
Ion	Ratio	Lower	Upper
91	100		
92	51.9	27.1	81.2
134	25.3	13.4	40.1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

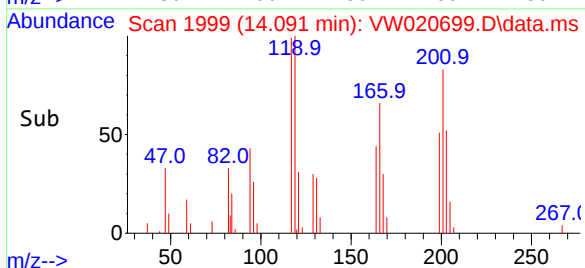
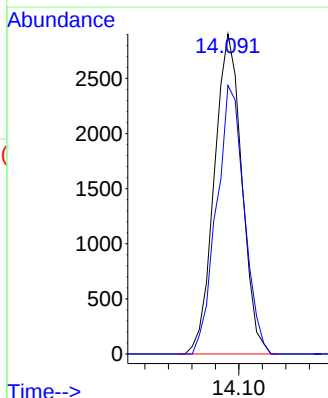
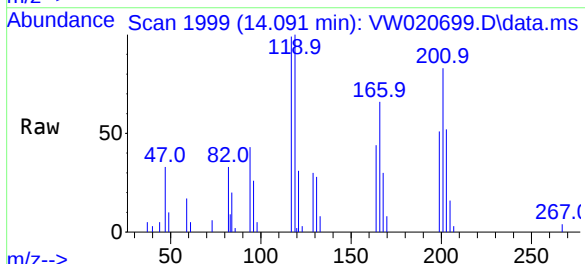
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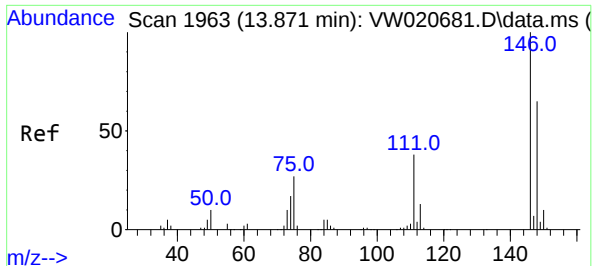
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#90
Hexachloroethane
Concen: 4.840 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	117	Resp:	4727
Ion	Ratio	Lower	Upper
117	100		
201	84.3	42.4	127.3





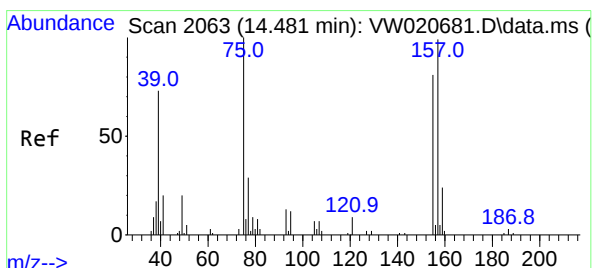
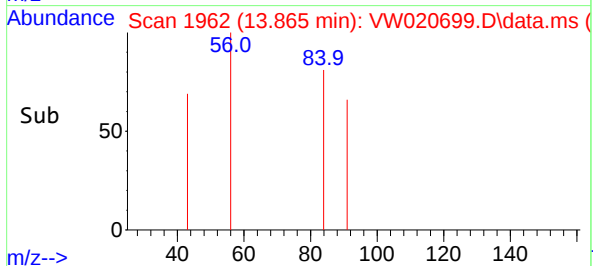
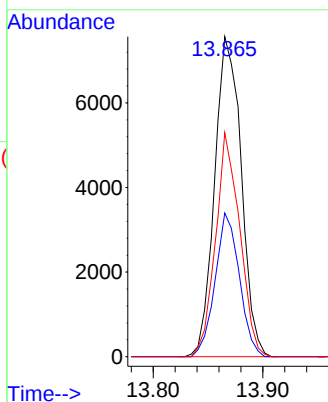
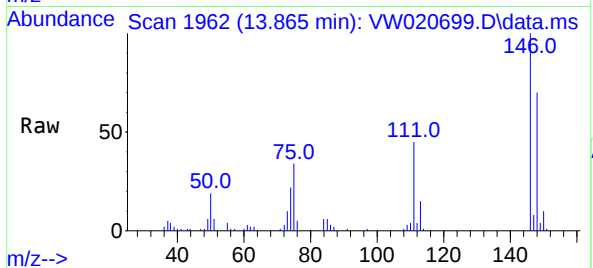
#91
1,2-Dichlorobenzene
Concen: 4.943 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion:	146	Resp:	12739
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.4	61.3
148	63.8	32.0	96.2

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

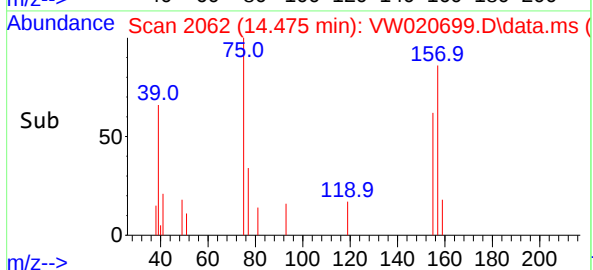
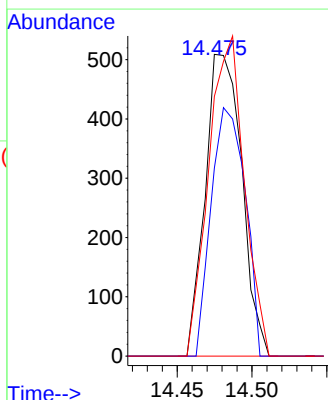
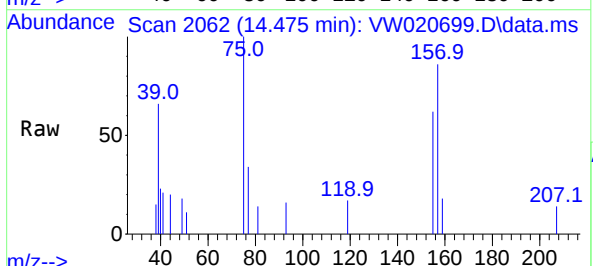
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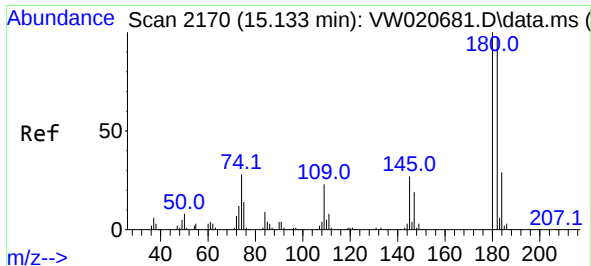
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.356 ug/l
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

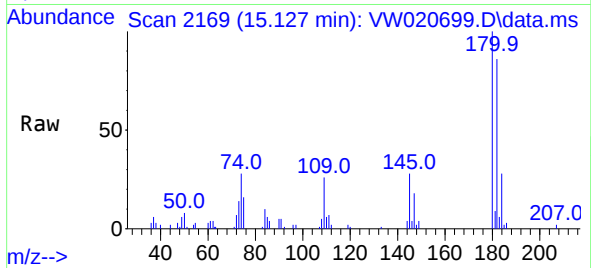
Tgt Ion:	75	Resp:	866
Ion Ratio	Lower	Upper	
75	100		
155	76.6	42.5	127.6
157	103.0	53.4	160.2





#93
1,2,4-Trichlorobenzene
Concen: 5.395 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

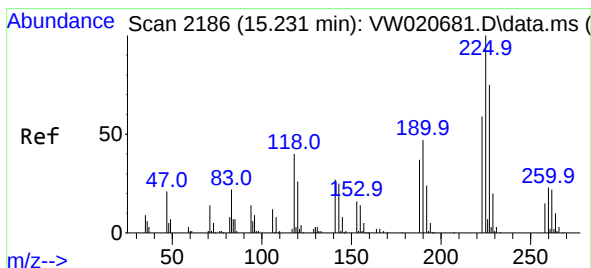
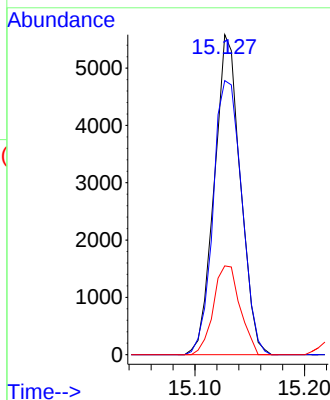
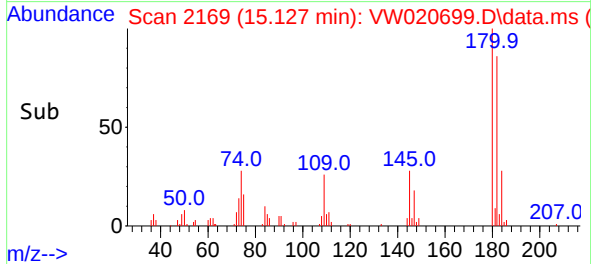
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



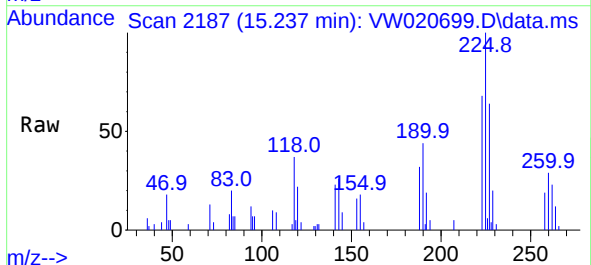
Tgt Ion:180 Resp: 9224
Ion Ratio Lower Upper
180 100
182 94.0 49.4 148.2
145 28.3 15.2 45.6

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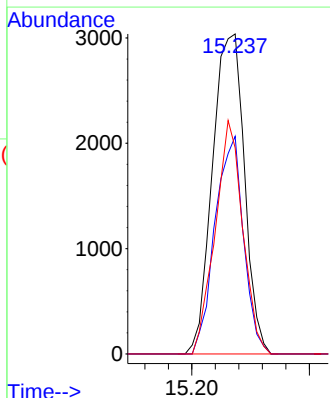
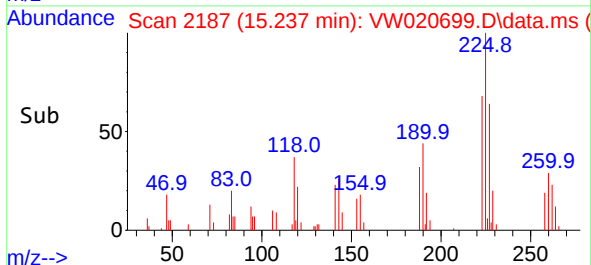
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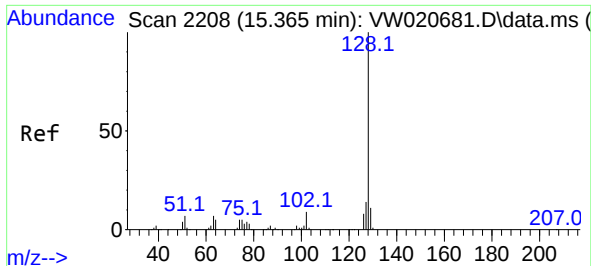


#94
Hexachlorobutadiene
Concen: 5.181 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08



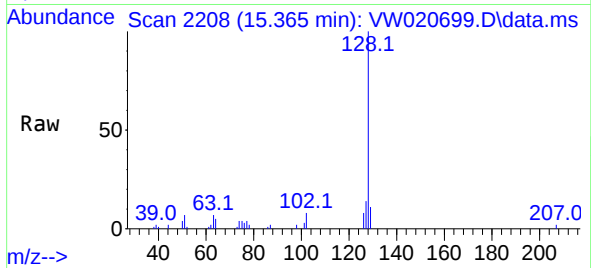
Tgt Ion:225 Resp: 5736
Ion Ratio Lower Upper
225 100
223 60.7 29.8 89.5
227 62.9 32.8 98.4





#95
Naphthalene
Concen: 4.569 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

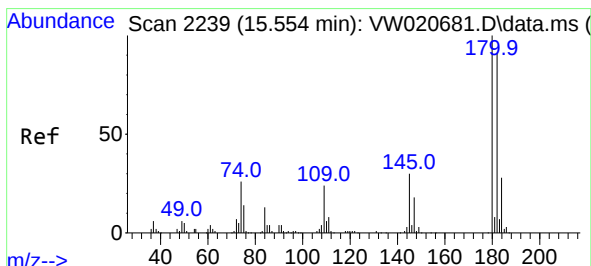
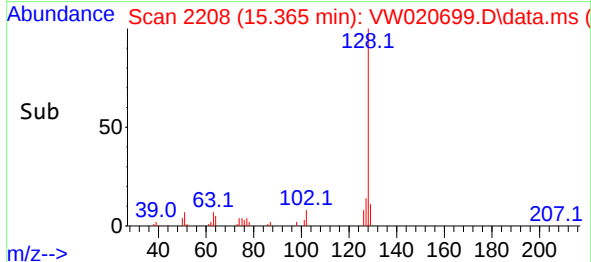
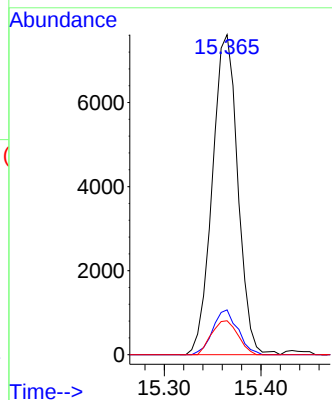
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.1	16.7
129	11.0	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.345 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020699.D
Acq: 26 Oct 2021 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.4	139.2
145	29.1	15.7	47.0

