

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
 Data File : VW020008.D
 Acq On : 09 Sep 2021 18:02
 Operator : SY/VA
 Sample : M2940-03 4PPBMDL
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2021DL

Manual Integrations
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Quant Time: Sep 10 04:10:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:09:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	183680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	301195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	279889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	136076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	107231	50.288	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.580%			
35) Dibromofluoromethane	7.890	113	97810	49.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.329	98	358165	48.713	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.621	95	130329	47.906	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	3350	3.003	ug/l	94
3) Chloromethane	2.220	50	7026	4.231	ug/l	95
4) Vinyl Chloride	2.367	62	10606	3.939	ug/l	99
5) Bromomethane	2.787	94	8954	4.102	ug/l	97
6) Chloroethane	2.934	64	7097	3.827	ug/l	98
7) Trichlorofluoromethane	3.269	101	5462	3.546	ug/l	97
8) Diethyl Ether	3.678	74	3635	3.854	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	7986	3.971	ug/l	100
10) Methyl Iodide	4.281	142	10581	3.841	ug/l	99
11) Tert butyl alcohol	5.141	59	5444	53.340	ug/l #	76
12) 1,1-Dichloroethene	4.049	96	7088	3.740	ug/l	97
13) Acrolein	3.903	56	1369	17.603	ug/l	98
14) Allyl chloride	4.677	41	9676	3.754	ug/l	97
15) Acrylonitrile	5.372	53	7581	19.287	ug/l	94
16) Acetone	4.129	43	9674	28.246	ug/l	93
17) Carbon Disulfide	4.397	76	21832	3.785	ug/l	98
18) Methyl Acetate	4.683	43	4725	4.860	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	9480	3.791	ug/l #	90
20) Methylene Chloride	4.921	84	19765	7.674	ug/l	99
21) trans-1,2-Dichloroethene	5.433	96	8462	3.931	ug/l	97
22) Diisopropyl ether	6.317	45	18479	3.383	ug/l #	89
23) Vinyl Acetate	6.262	43	46877	15.732	ug/l	98
24) 1,1-Dichloroethane	6.220	63	15370	3.974	ug/l	99
25) 2-Butanone	7.177	43	10877	22.152	ug/l	94
26) 2,2-Dichloropropane	7.177	77	10525	4.500	ug/l	93
27) cis-1,2-Dichloroethene	7.177	96	8792	3.825	ug/l	89
28) Bromochloromethane	7.524	49	6019	3.921	ug/l #	93
29) Tetrahydrofuran	7.530	42	5770	18.888	ug/l	97
30) Chloroform	7.677	83	15729	3.859	ug/l	94
31) Cyclohexane	7.963	56	16200	4.660	ug/l #	87
32) 1,1,1-Trichloroethane	7.878	97	12995	3.940	ug/l	98
36) 1,1-Dichloropropene	8.091	75	11851	3.740	ug/l	98
37) Ethyl Acetate	7.256	43	5467	4.693	ug/l #	77
38) Carbon Tetrachloride	8.073	117	12119	3.751	ug/l	96
39) Methylcyclohexane	9.341	83	12888	3.510	ug/l	95
40) Benzene	8.329	78	33820	3.875	ug/l	97

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Quant Time: Sep 10 04:10:23 2021
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	2205	3.420	ug/l	94
42) 1,2-Dichloroethane	8.402	62	11066	4.129	ug/l	99
43) Isopropyl Acetate	8.433	43	8223	3.719	ug/l	99
44) Trichloroethene	9.091	130	9114	3.980	ug/l	91
45) 1,2-Dichloropropane	9.372	63	8197	3.862	ug/l	99
46) Dibromomethane	9.463	93	4558	3.807	ug/l	95
47) Bromodichloromethane	9.646	83	11150	3.738	ug/l	96
48) Methyl methacrylate	9.439	41	3451	3.568	ug/l	97
49) 1,4-Dioxane	9.451	88	1338	87.501	ug/l #	89
51) 4-Methyl-2-Pentanone	10.213	43	22267	19.424	ug/l	99
52) Toluene	10.390	92	21150	3.828	ug/l	95
53) t-1,3-Dichloropropene	10.609	75	10289	3.596	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	11628	3.491	ug/l	94
55) 1,1,2-Trichloroethane	10.792	97	6478	3.993	ug/l	94
56) Ethyl methacrylate	10.646	69	6004	3.308	ug/l	98
57) 1,3-Dichloropropane	10.932	76	10850	3.898	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.926	63	13950	16.838	ug/l	98
59) 2-Hexanone	10.969	43	13580	17.726	ug/l	96
60) Dibromochloromethane	11.127	129	6872	3.659	ug/l	99
61) 1,2-Dibromoethane	11.237	107	5925	3.900	ug/l	97
64) Tetrachloroethene	10.859	164	7924	4.080	ug/l	92
65) Chlorobenzene	11.658	112	23628	3.928	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	7774	3.626	ug/l	99
67) Ethyl Benzene	11.731	91	38237	3.603	ug/l	97
68) m/p-Xylenes	11.841	106	28762	6.867	ug/l	94
69) o-Xylene	12.170	106	12687	3.306	ug/l	98
70) Styrene	12.182	104	20901	3.214	ug/l	97
71) Bromoform	12.347	173	3731	3.535	ug/l #	91
73) Isopropylbenzene	12.469	105	33575	3.487	ug/l	98
74) N-amyl acetate	12.274	43	6656	3.368	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.719	83	8047	4.551	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	5215m	4.126	ug/l	
77) Bromobenzene	12.749	156	8490	3.801	ug/l	91
78) n-propylbenzene	12.804	91	45568	3.758	ug/l	97
79) 2-Chlorotoluene	12.895	91	26223	3.716	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	30294	3.570	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.517	75	1881m	3.602	ug/l	
82) 4-Chlorotoluene	12.993	91	28037	3.779	ug/l	99
83) tert-Butylbenzene	13.206	119	24382	3.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	28656	3.448	ug/l	99
85) sec-Butylbenzene	13.383	105	39266	3.638	ug/l	99
86) p-Isopropyltoluene	13.499	119	30337	3.338	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	18064	3.814	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	19461	4.141	ug/l	94
89) n-Butylbenzene	13.822	91	30813	3.539	ug/l	97
90) Hexachloroethane	14.090	117	6305	3.630	ug/l	93
91) 1,2-Dichlorobenzene	13.871	146	16359	3.977	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1213	4.181	ug/l	94
93) 1,2,4-Trichlorobenzene	15.133	180	9833	3.921	ug/l	99
94) Hexachlorobutadiene	15.236	225	6129	4.115	ug/l	96
95) Naphthalene	15.364	128	15563	3.587	ug/l	98
96) 1,2,3-Trichlorobenzene	15.553	180	8659	3.939	ug/l	98

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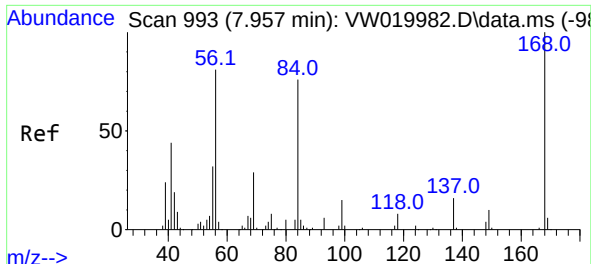
Manual Integrations
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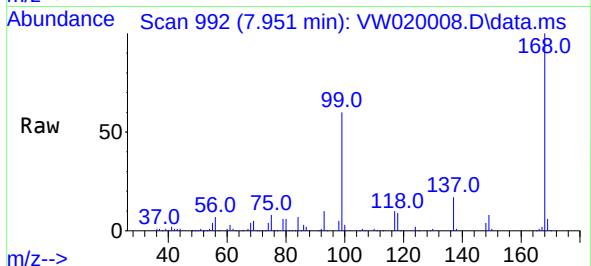
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

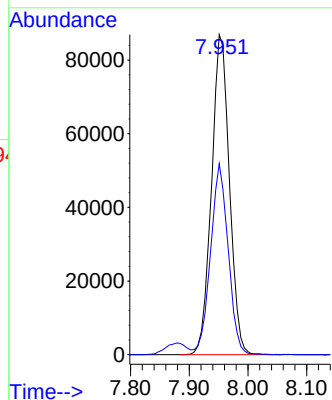
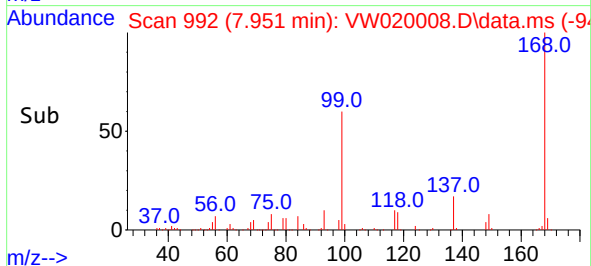
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



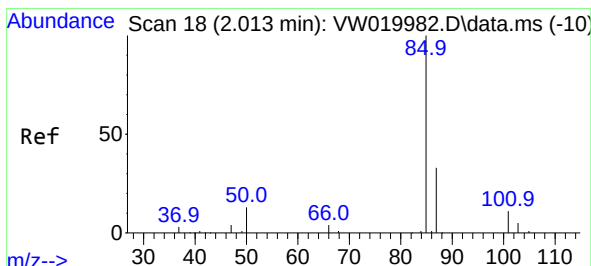
Tgt Ion: 168 Resp: 183680
Ion Ratio Lower Upper
168 100
99 59.7 42.9 64.3



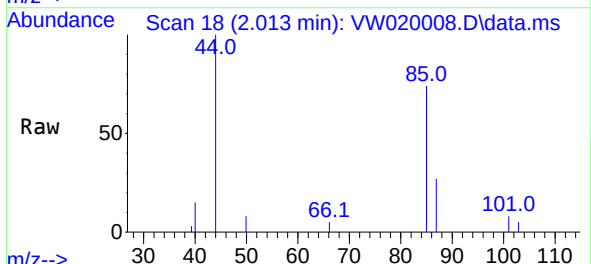
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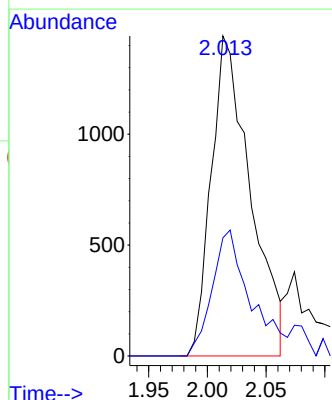
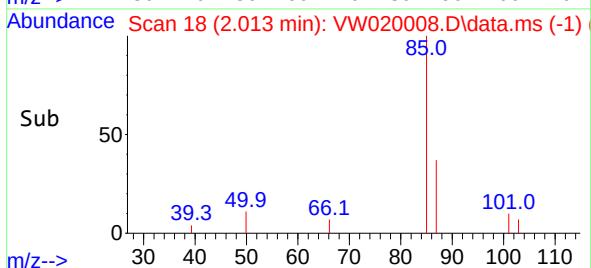
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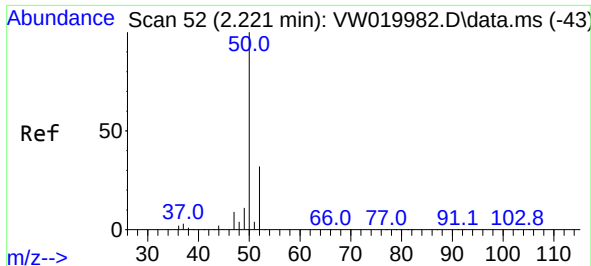


#2
Dichlorodifluoromethane
Concen: 3.003 ug/l
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



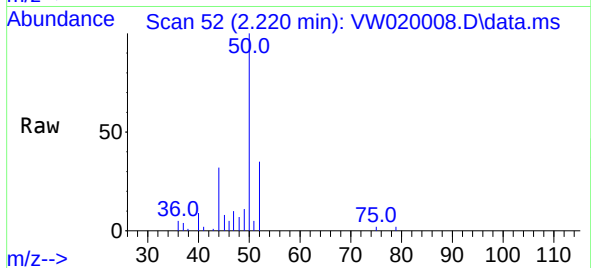
Tgt Ion: 85 Resp: 3350
Ion Ratio Lower Upper
85 100
87 36.9 16.7 50.0



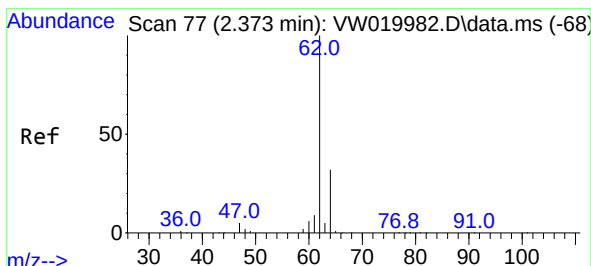
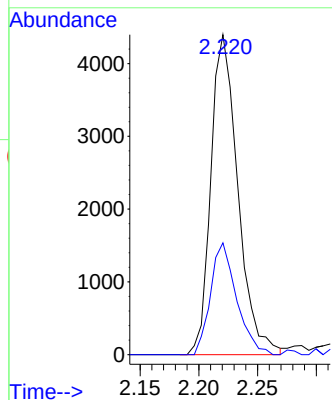
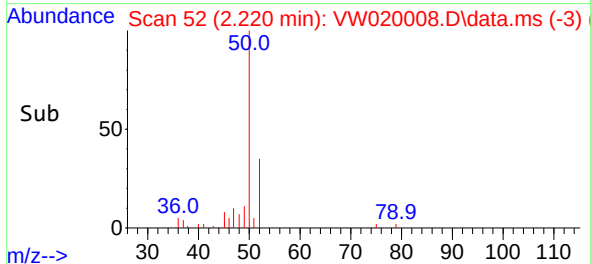


#3
Chloromethane
Concen: 4.231 ug/l
RT: 2.220 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

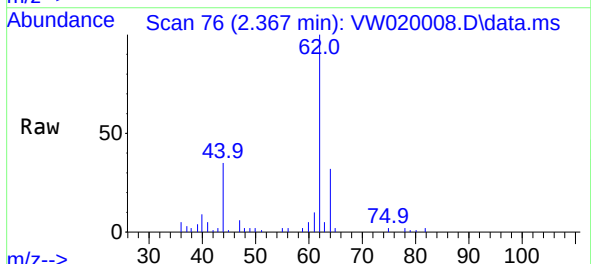
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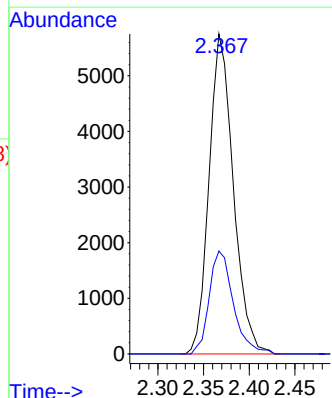
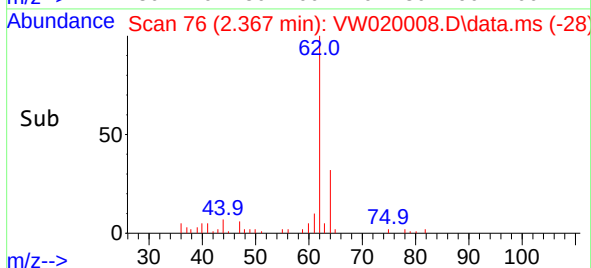
Tgt Ion: 50 Resp: 7026
Ion Ratio Lower Upper
50 100
52 35.0 25.5 38.3

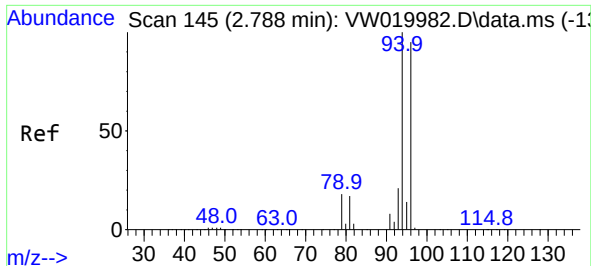


#4
Vinyl Chloride
Concen: 3.939 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



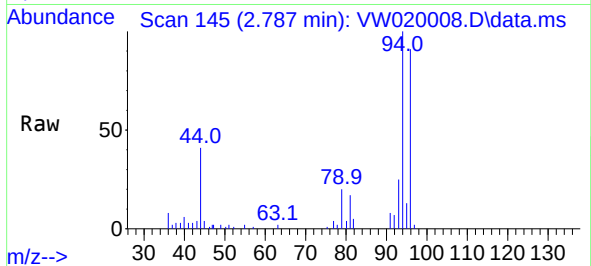
Tgt Ion: 62 Resp: 10606
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 4.102 ug/l
RT: 2.787 min Scan# 145
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

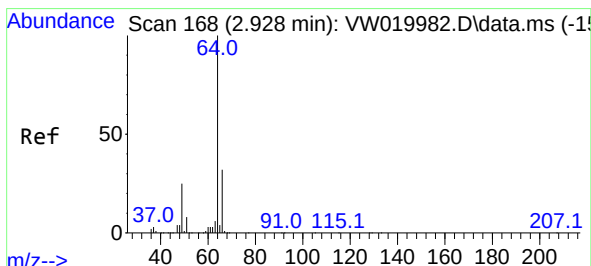
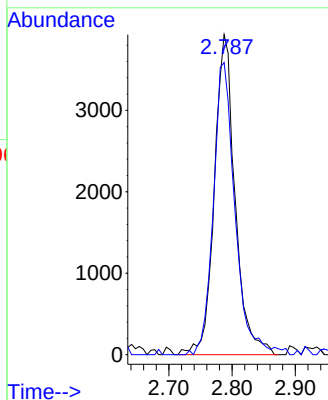
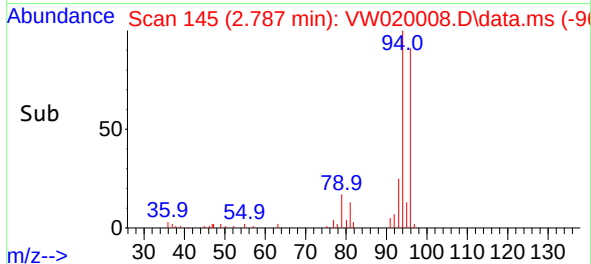
Instrument :
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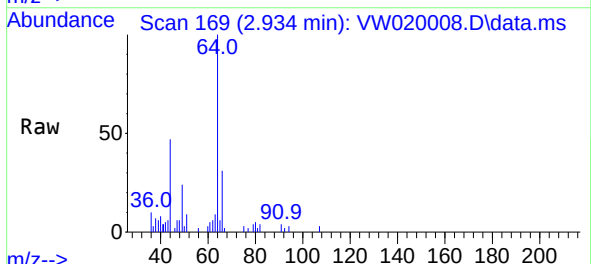
Tgt Ion: 94 Resp: 8954
Ion Ratio Lower Upper
94 100
96 91.3 75.7 113.5

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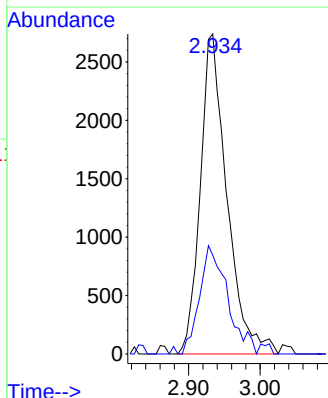
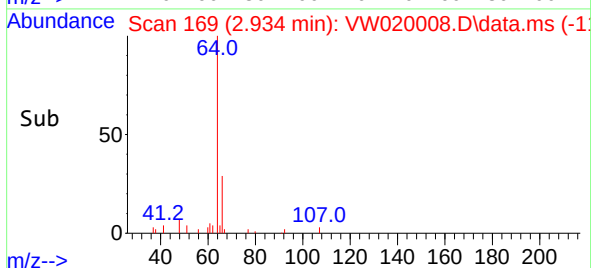
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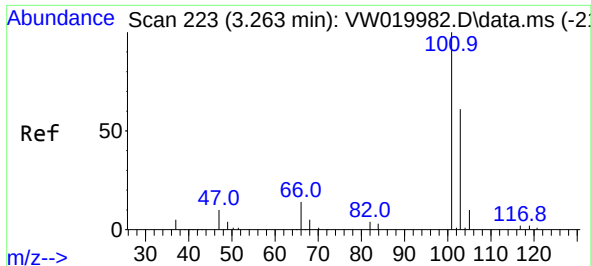


#6
Chloroethane
Concen: 3.827 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 64 Resp: 7097
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.2





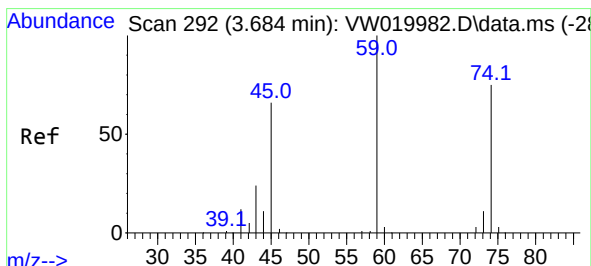
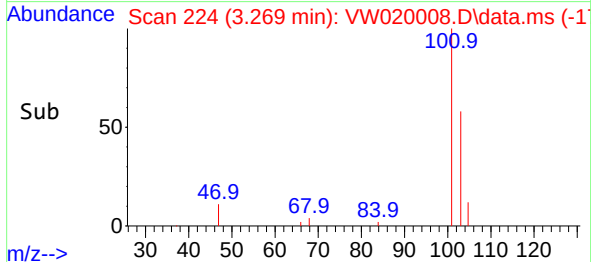
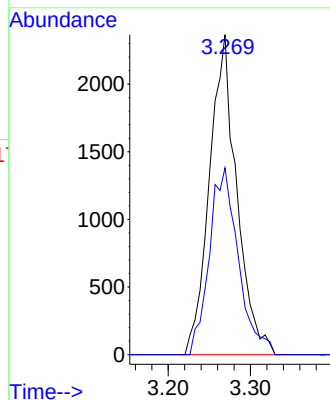
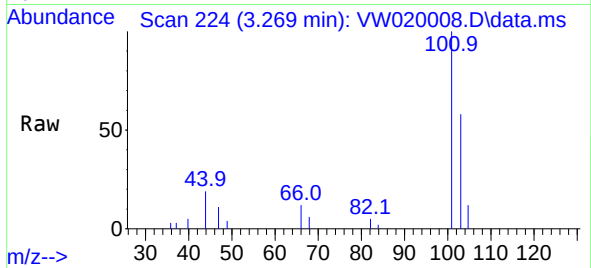
#7
Trichlorofluoromethane
Concen: 3.546 ug/l
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 101 Resp: 5462
Ion Ratio Lower Upper
101 100
103 58.4 48.8 73.2

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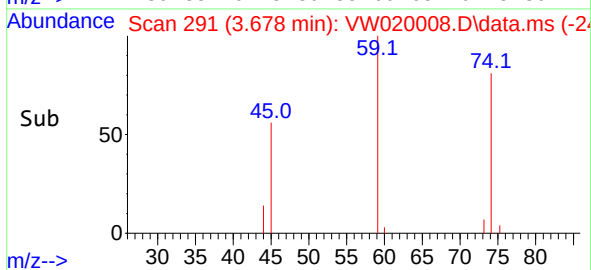
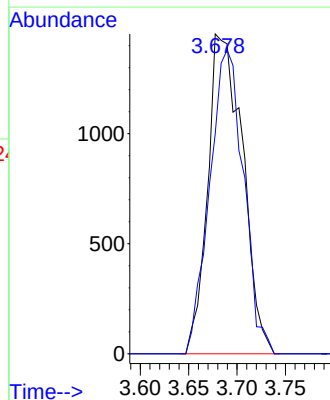
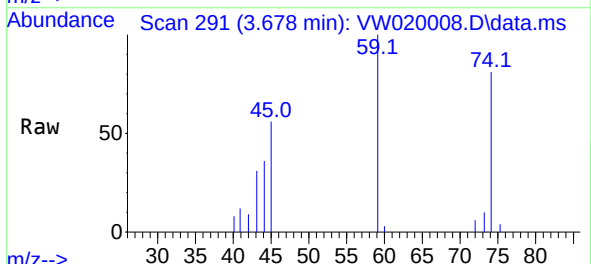
Manual Integrations
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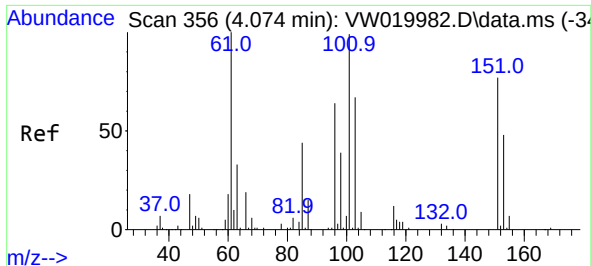
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#8
Diethyl Ether
Concen: 3.854 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 74 Resp: 3635
Ion Ratio Lower Upper
74 100
45 92.5 44.5 133.7





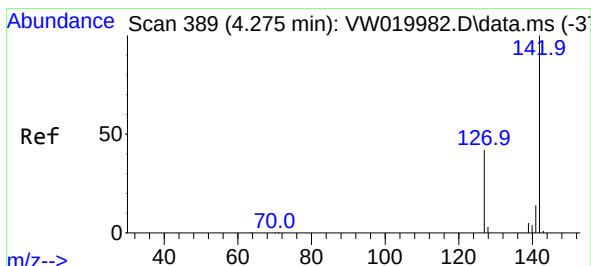
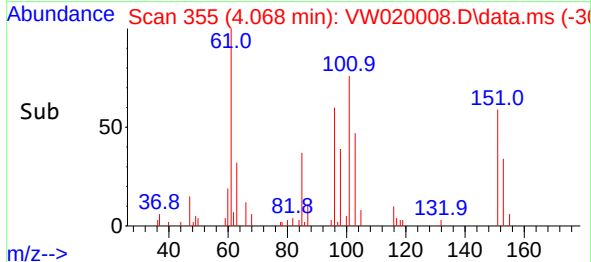
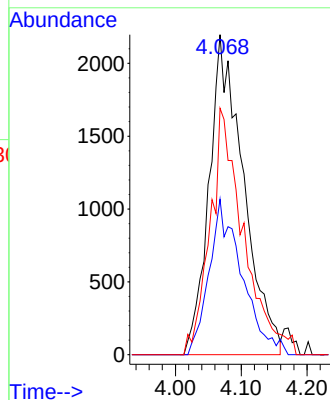
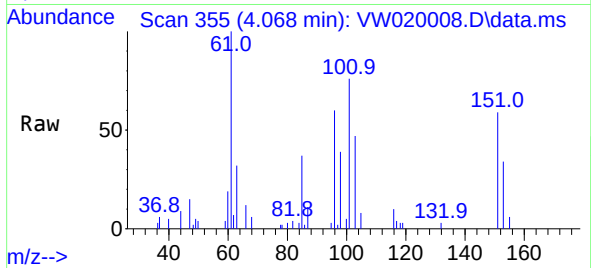
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.971 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW020008.D
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Tgt Ion:	101	Resp:	7986
Ion	Ratio	Lower	Upper
101	100		
85	46.4	36.6	54.8
151	74.8	59.9	89.9

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ClientSampleId :
MDL-SOIL-03-QT3-2021DL

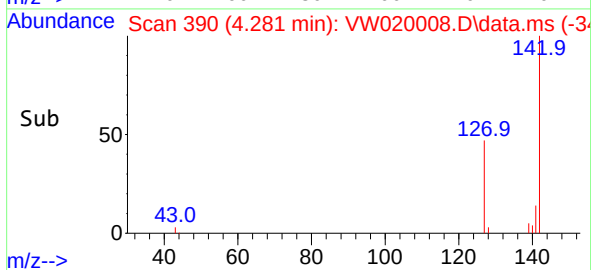
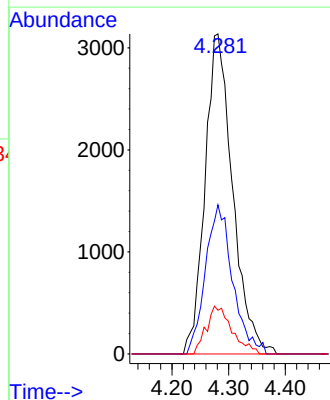
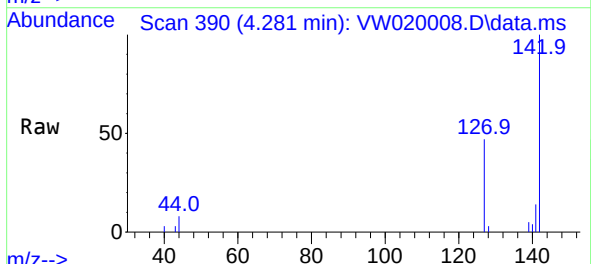
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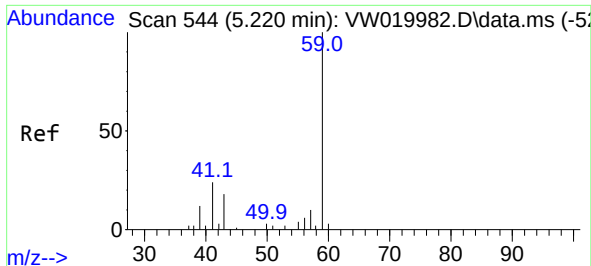
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#10
Methyl Iodide
Concen: 3.841 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	142	Resp:	10581
Ion	Ratio	Lower	Upper
142	100		
127	45.9	36.4	54.6
141	13.9	11.8	17.8





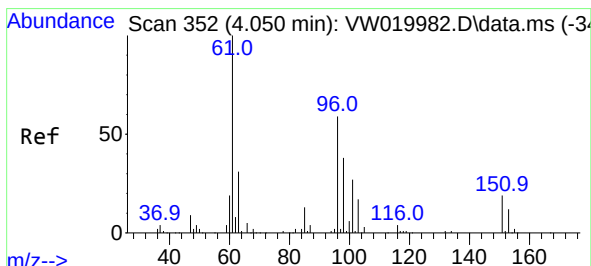
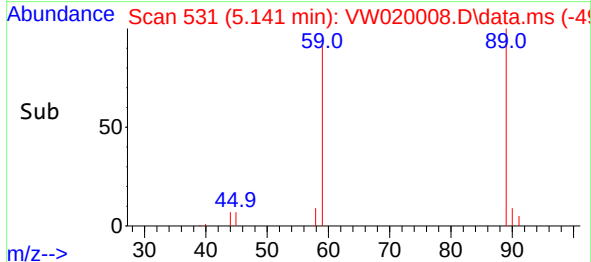
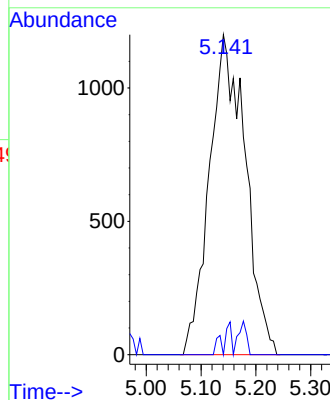
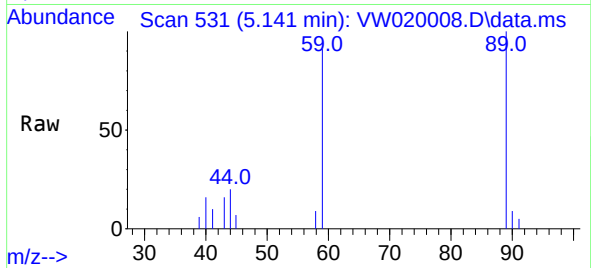
#11
Tert butyl alcohol
Concen: 53.340 ug/l
RT: 5.141 min Scan# 531
Delta R.T. -0.080 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 59 Resp: 5444
Ion Ratio Lower Upper
59 100
57 1.5 8.4 12.6#

Instrument :
MSVOA_W
ClientSampleId :
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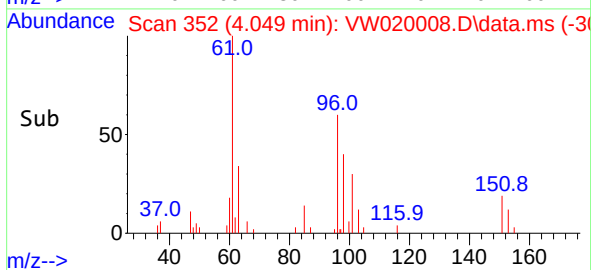
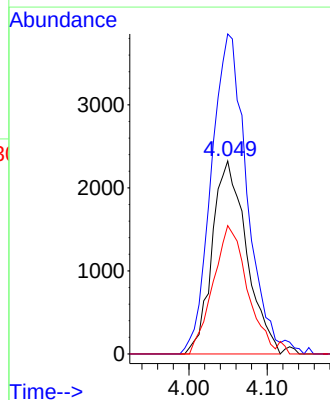
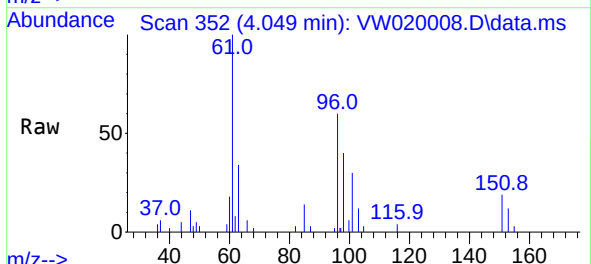
Manual Integrations
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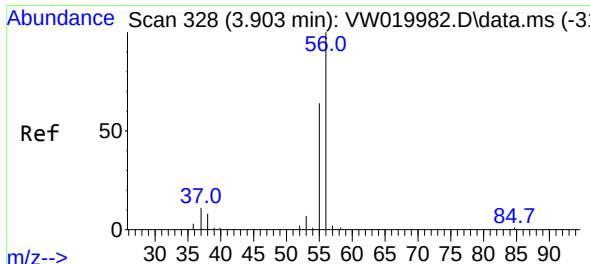
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#12
1,1-Dichloroethene
Concen: 3.740 ug/l
RT: 4.049 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

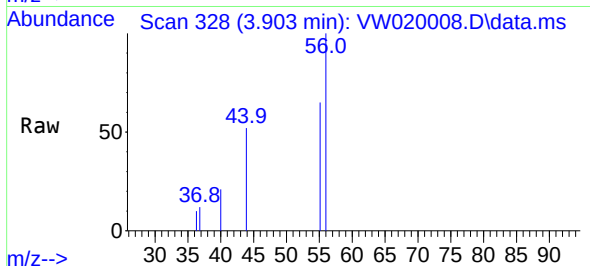
Tgt Ion: 96 Resp: 7088
Ion Ratio Lower Upper
96 100
61 165.8 136.0 204.0
98 66.5 51.5 77.3



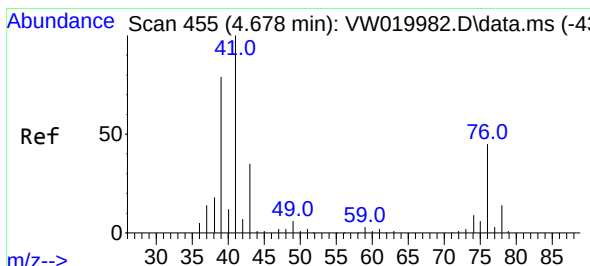
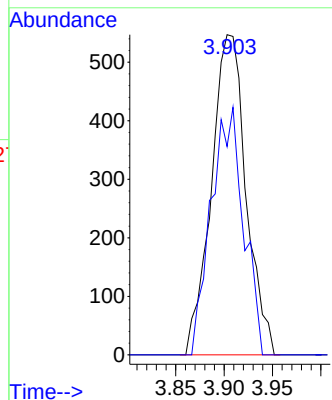
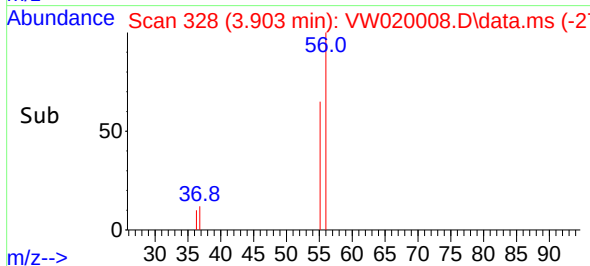


#13
Acrolein
Concen: 17.603 ug/l
RT: 3.903 min Scan# 328
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

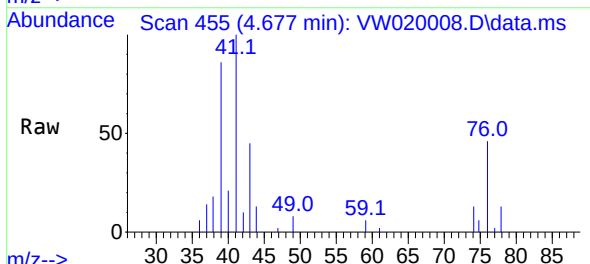
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



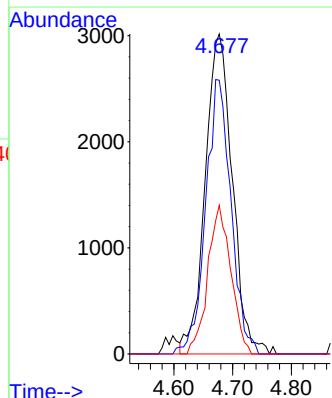
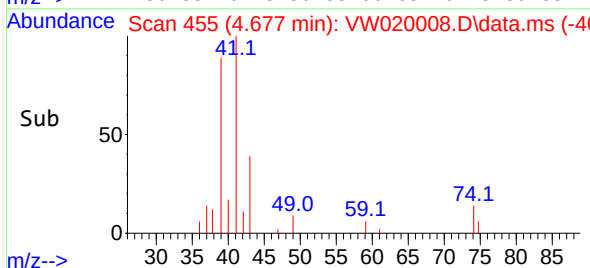
Tgt Ion: 56 Resp: 1369
Ion Ratio Lower Upper
56 100
55 71.9 56.2 84.2

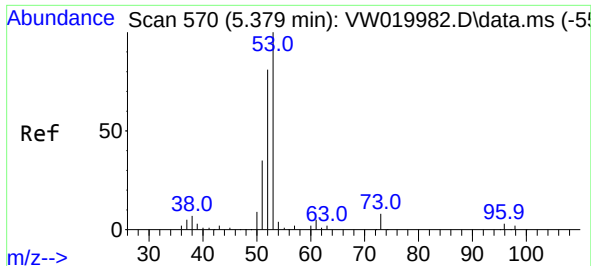


#14
Allyl chloride
Concen: 3.754 ug/l
RT: 4.677 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

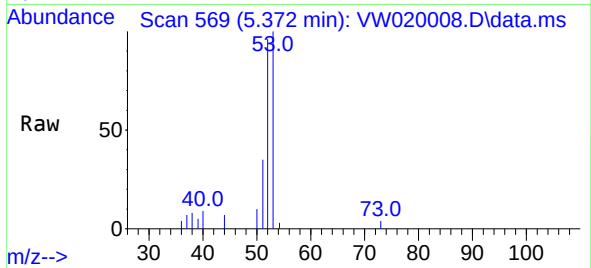


Tgt Ion: 41 Resp: 9676
Ion Ratio Lower Upper
41 100
39 80.0 62.5 93.7
76 39.5 33.8 50.8

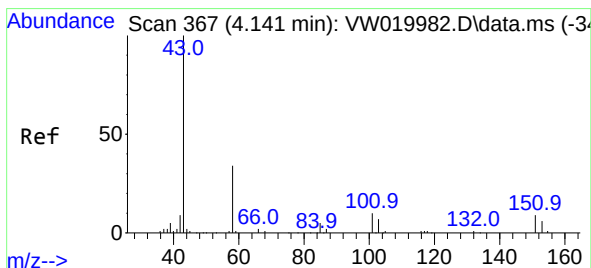
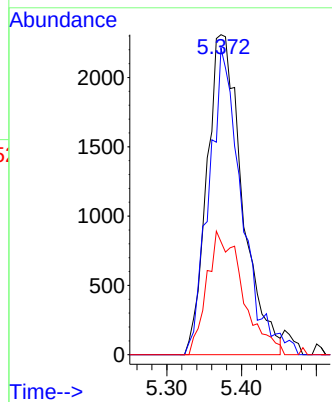
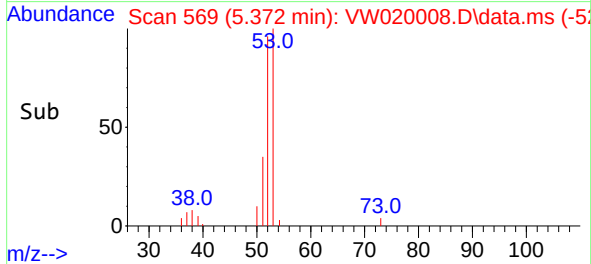




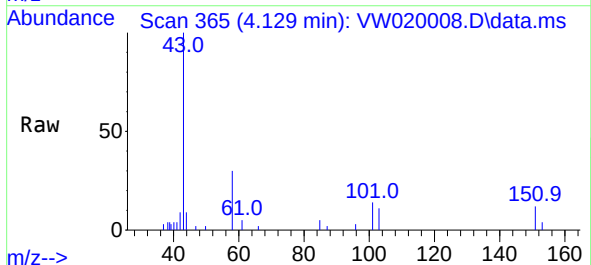
#15
Acrylonitrile
Concen: 19.287 ug/l
RT: 5.372 min Scan# 569
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



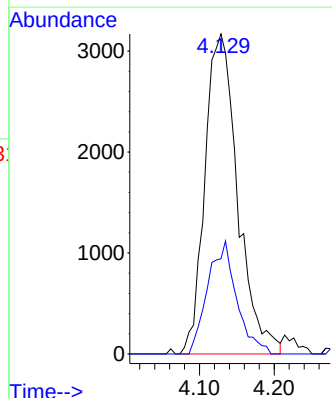
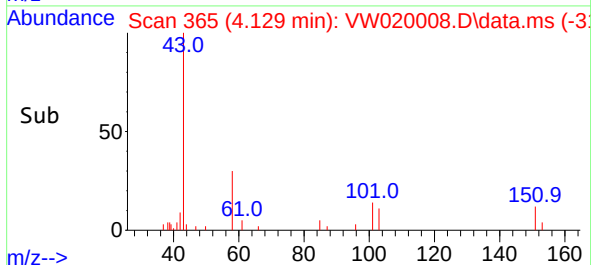
Tgt Ion:	53	Resp:	7581
Ion	Ratio	Lower	Upper
53	100		
52	89.5	65.9	98.9
51	39.2	29.8	44.8



#16
Acetone
Concen: 28.246 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



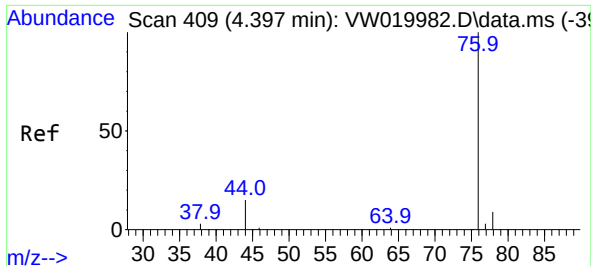
Tgt Ion:	43	Resp:	9674
Ion	Ratio	Lower	Upper
43	100		
58	29.7	27.2	40.8



Instrument :
MSVOA_W
ClientSampleId :
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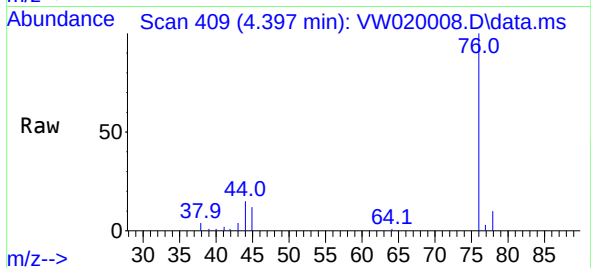
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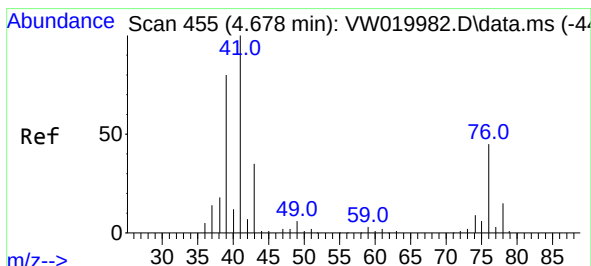
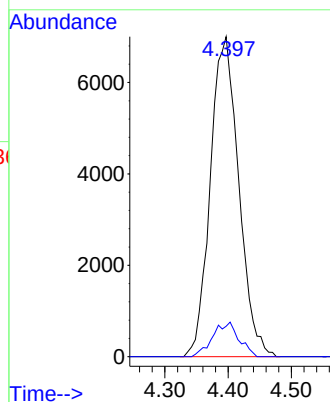
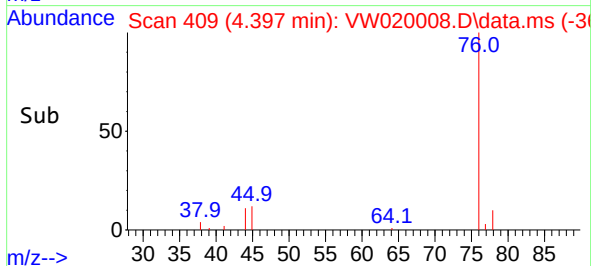


#17
Carbon Disulfide
Concen: 3.785 ug/l
RT: 4.397 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

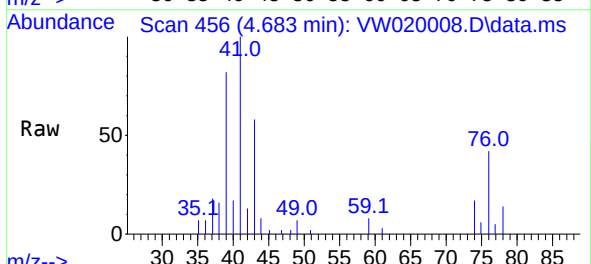
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



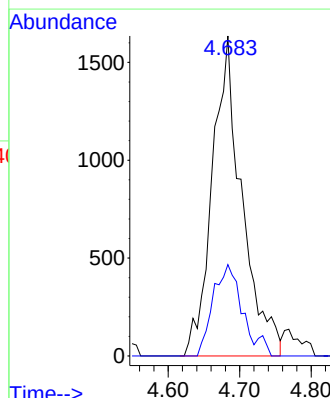
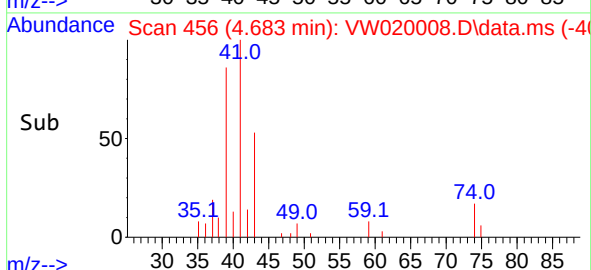
Tgt Ion: 76 Resp: 21832
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

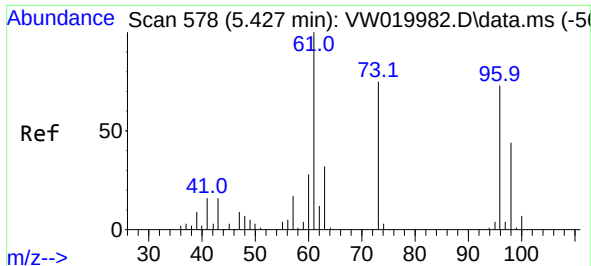


#18
Methyl Acetate
Concen: 4.860 ug/l
RT: 4.683 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 43 Resp: 4725
Ion Ratio Lower Upper
43 100
74 26.5 21.0 31.6





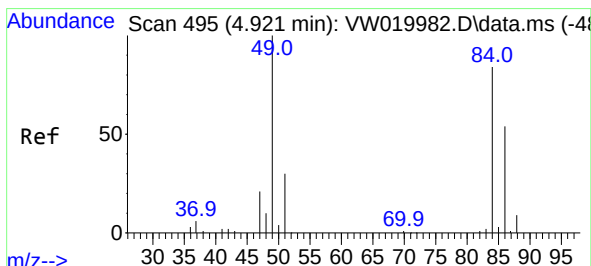
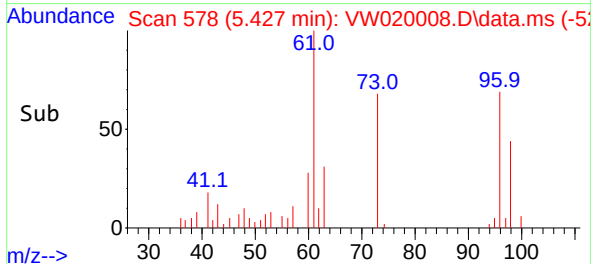
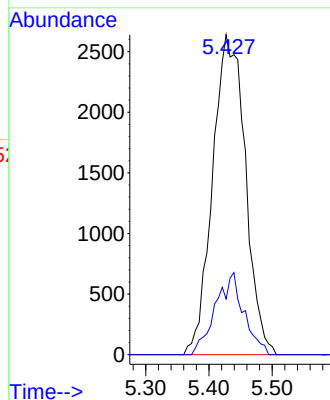
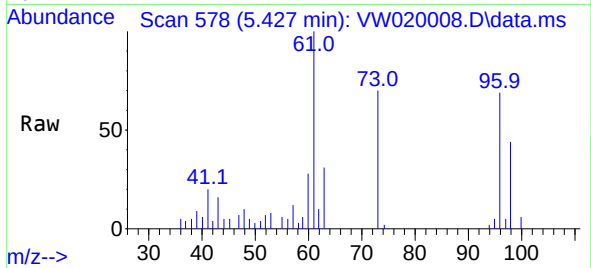
#19
Methyl tert-butyl Ether
Concen: 3.791 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 73 Resp: 9480
Ion Ratio Lower Upper
73 100
57 17.4 17.7 26.5#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

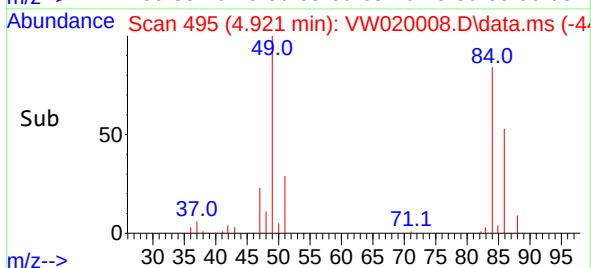
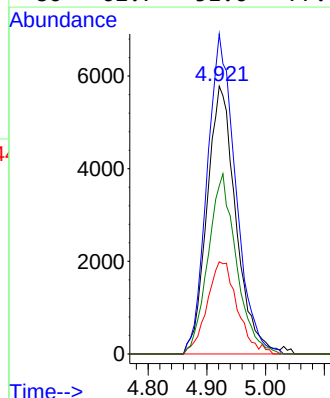
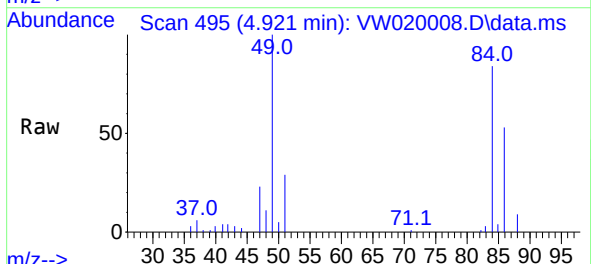
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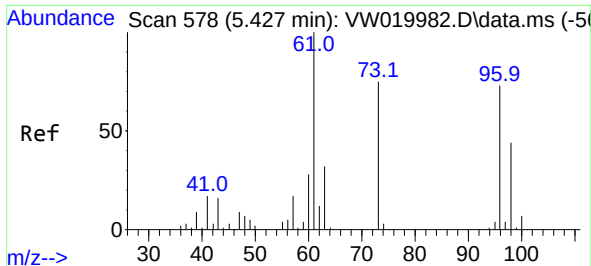
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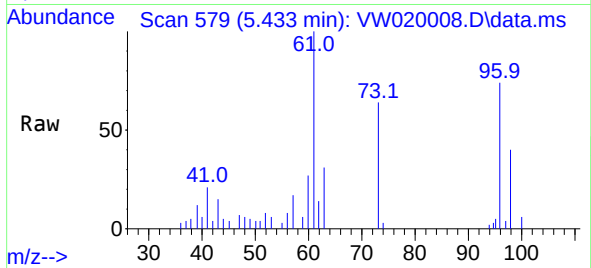
#20
Methylene Chloride
Concen: 7.674 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 84 Resp: 19765
Ion Ratio Lower Upper
84 100
49 119.5 95.4 143.0
51 34.4 28.9 43.3
86 62.7 51.6 77.4

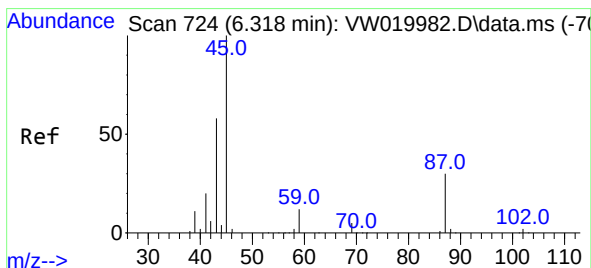
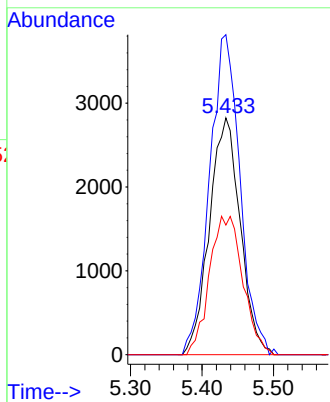
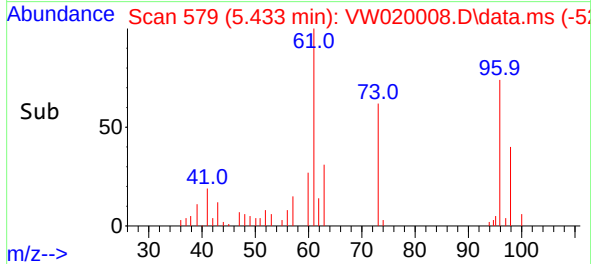




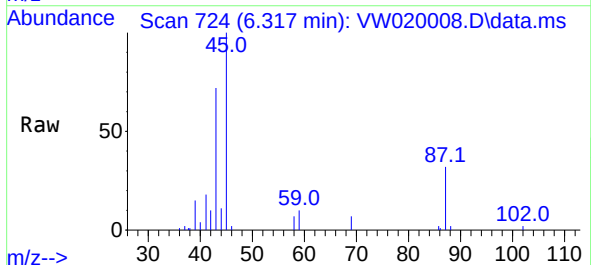
#21
trans-1,2-Dichloroethene
Concen: 3.931 ug/l
RT: 5.433 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



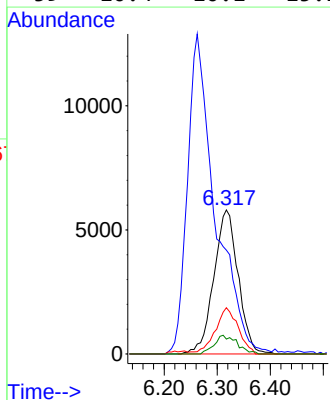
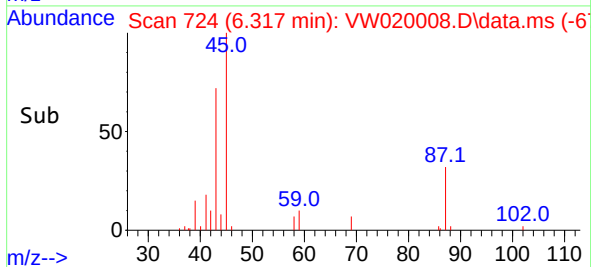
Tgt Ion: 96 Resp: 8462
Ion Ratio Lower Upper
96 100
61 135.1 109.3 163.9
98 54.7 48.3 72.5



#22
Diisopropyl ether
Concen: 3.383 ug/l
RT: 6.317 min Scan# 724
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



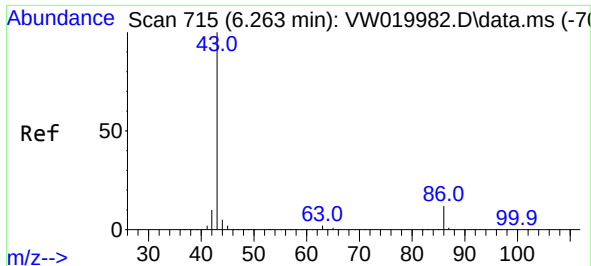
Tgt Ion: 45 Resp: 18479
Ion Ratio Lower Upper
45 100
43 70.8 46.8 70.2#
87 32.1 24.3 36.5
59 10.4 10.1 15.1



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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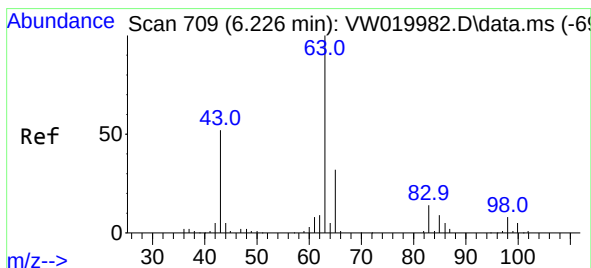
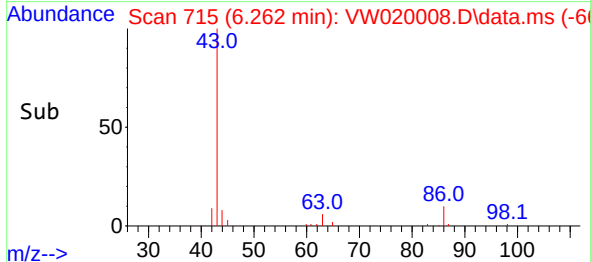
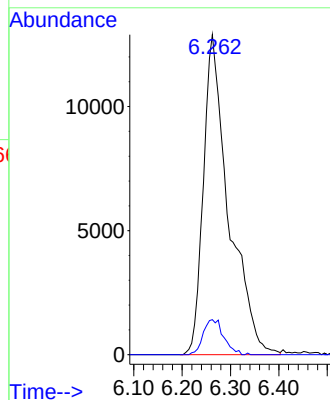
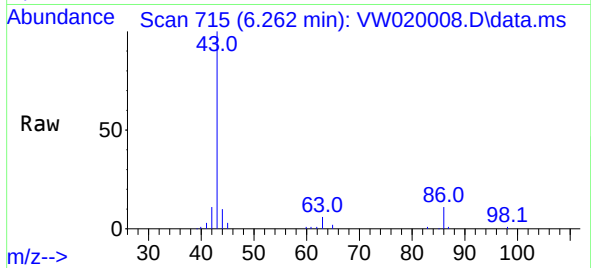
#23
 Vinyl Acetate
 Concen: 15.732 ug/l
 RT: 6.262 min Scan# 715
 Delta R.T. -0.001 min
 Lab File: VW020008.D
 Acq: 09 Sep 2021 18:02

Tgt Ion: 43 Resp: 46877
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.3 13.9

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2021DL

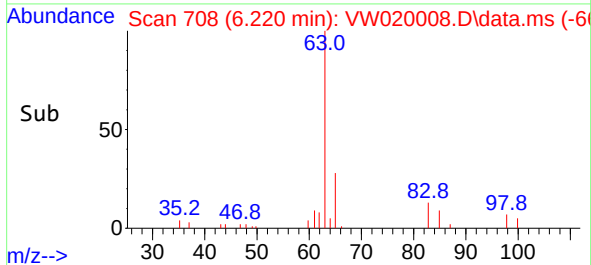
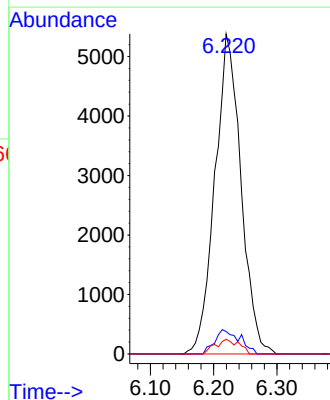
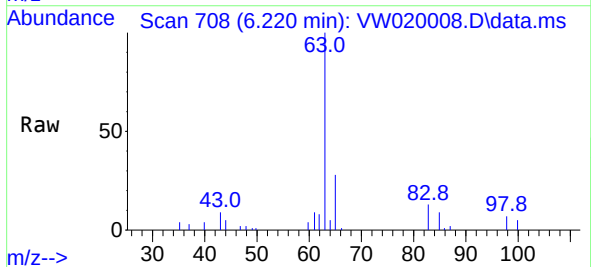
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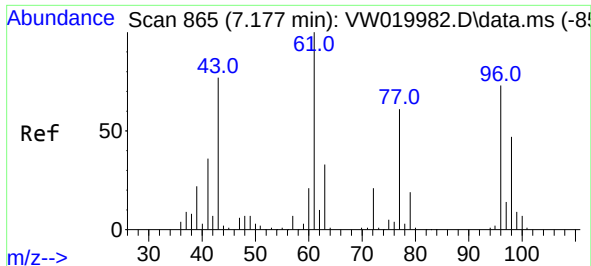
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#24
 1,1-Dichloroethane
 Concen: 3.974 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW020008.D
 Acq: 09 Sep 2021 18:02

Tgt Ion: 63 Resp: 15370
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.6 2.5 7.4





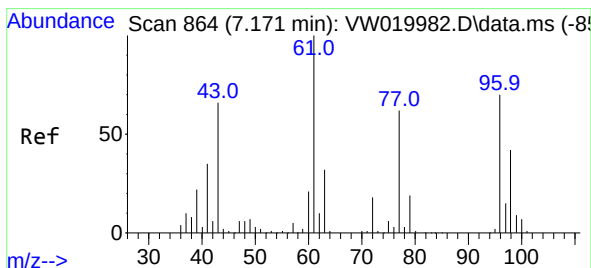
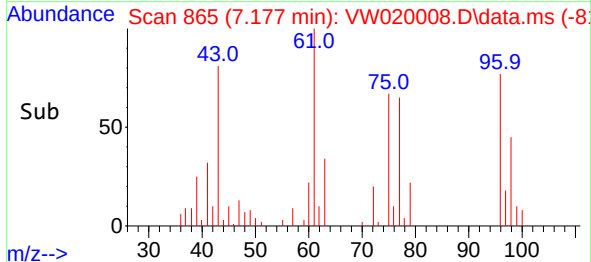
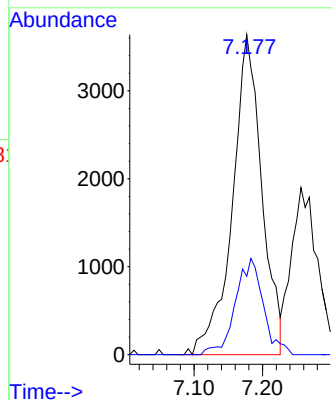
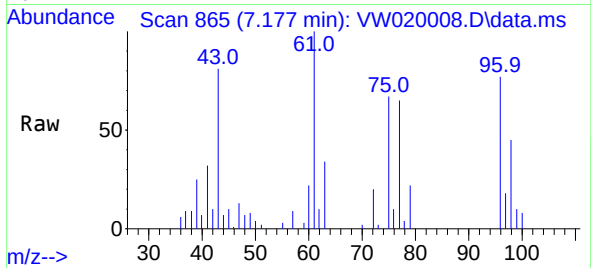
#25
2-Butanone
Concen: 22.152 ug/l
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 43 Resp: 10877
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

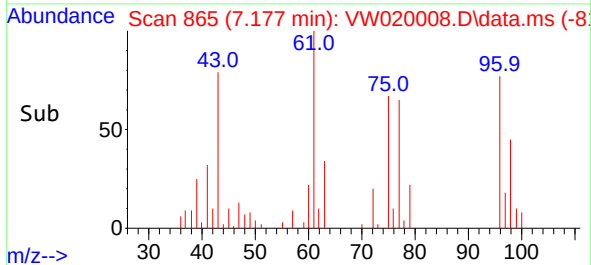
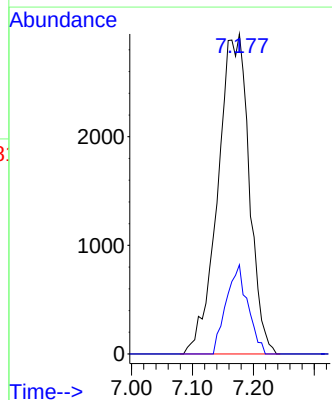
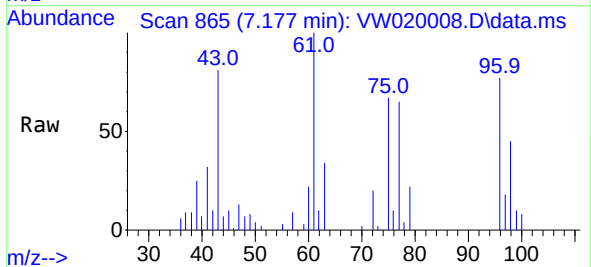
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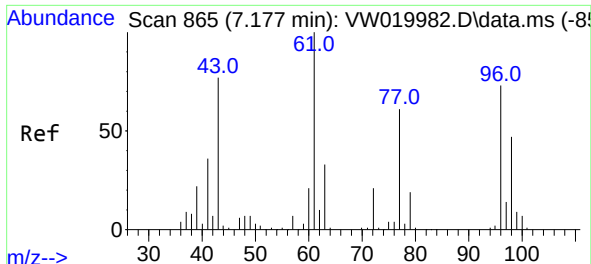
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#26
2,2-Dichloropropane
Concen: 4.500 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 77 Resp: 10525
Ion Ratio Lower Upper
77 100
97 19.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 3.825 ug/l

RT: 7.177 min Scan# 865

Delta R.T. -0.000 min

Lab File: VW020008.D

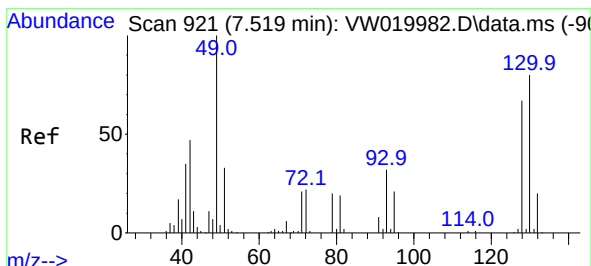
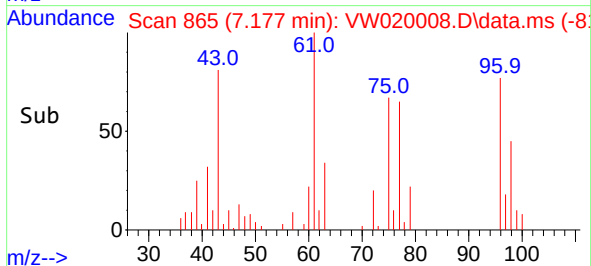
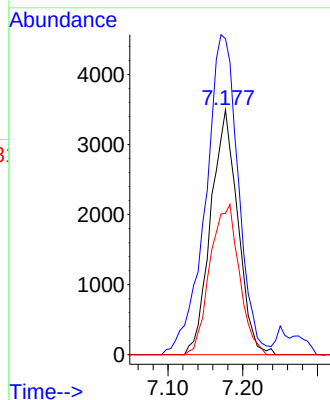
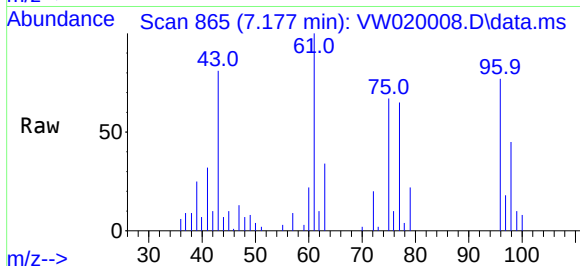
Acq: 09 Sep 2021 18:02

Tgt Ion:	96	Resp:	8792
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	282.6
98	66.3	0.0	127.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

Manual Integrations
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#28

Bromochloromethane

Concen: 3.921 ug/l

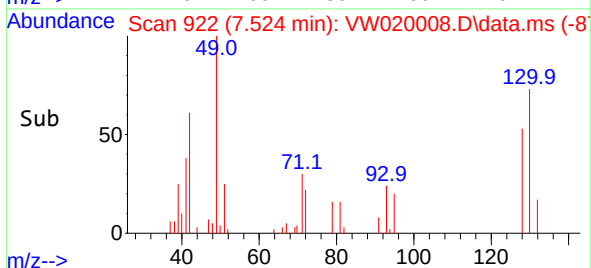
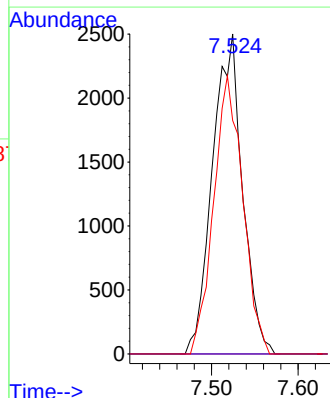
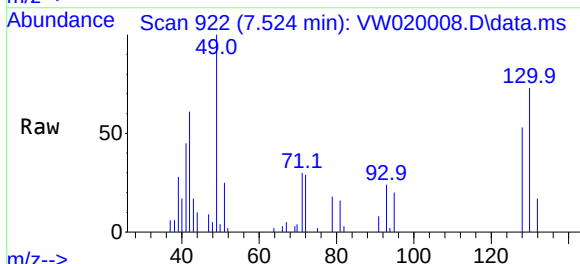
RT: 7.524 min Scan# 922

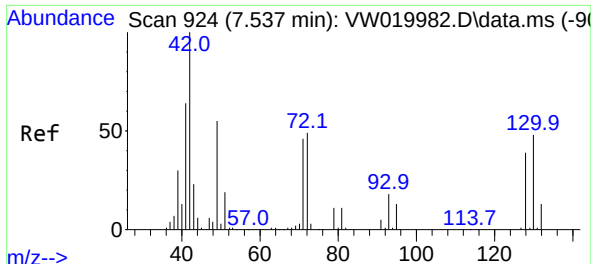
Delta R.T. 0.006 min

Lab File: VW020008.D

Acq: 09 Sep 2021 18:02

Tgt Ion:	49	Resp:	6019
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	84.4	62.6	93.8





#29

Tetrahydrofuran

Concen: 18.888 ug/l

RT: 7.530 min Scan# 923

Delta R.T. -0.007 min

Lab File: VW020008.D

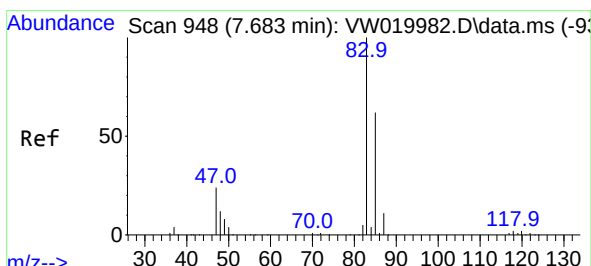
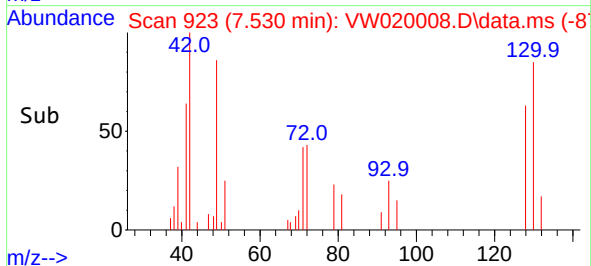
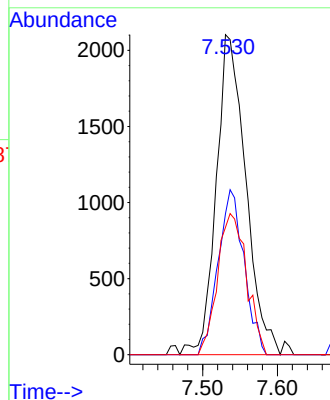
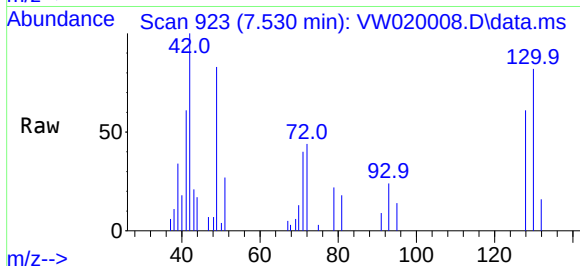
Acq: 09 Sep 2021 18:02

Tgt Ion:	42	Resp:	5770
Ion	Ratio	Lower	Upper
42	100		
72	45.5	38.4	57.6
71	43.3	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
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#30

Chloroform

Concen: 3.859 ug/l

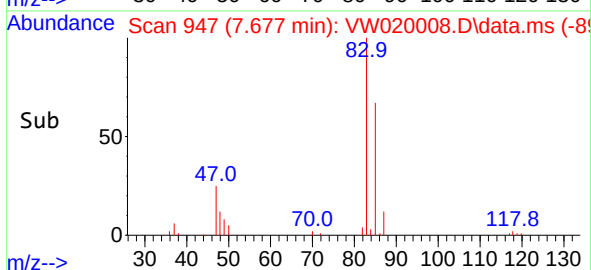
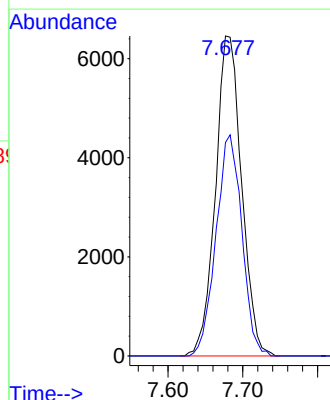
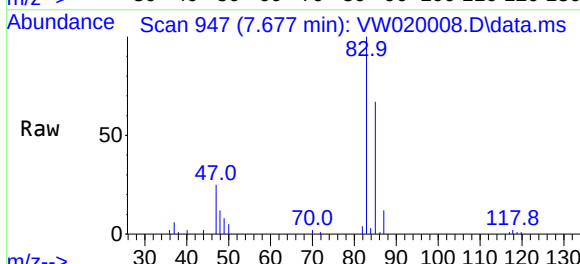
RT: 7.677 min Scan# 947

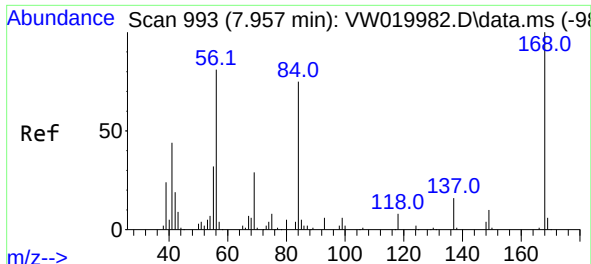
Delta R.T. -0.006 min

Lab File: VW020008.D

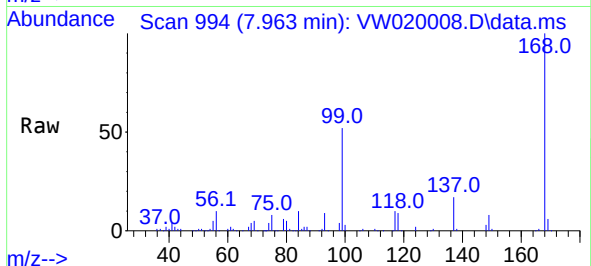
Acq: 09 Sep 2021 18:02

Tgt Ion:	83	Resp:	15729
Ion	Ratio	Lower	Upper
83	100		
85	66.7	49.8	74.8

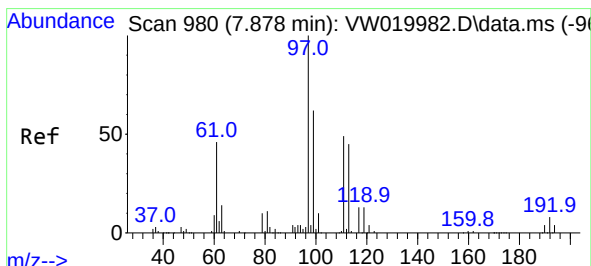
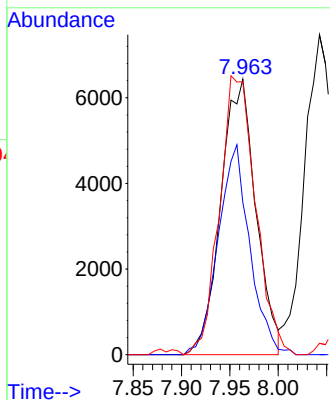
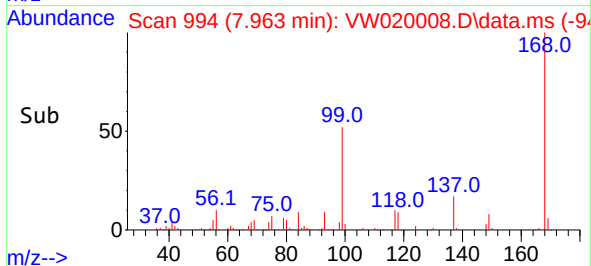




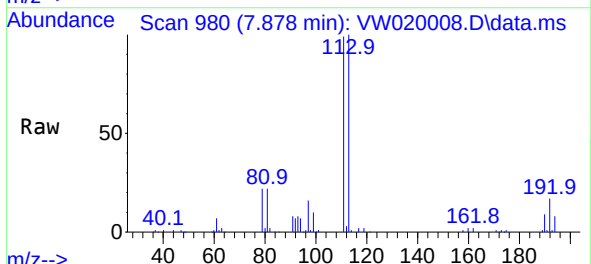
#31
Cyclohexane
Concen: 4.660 ug/l
RT: 7.963 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



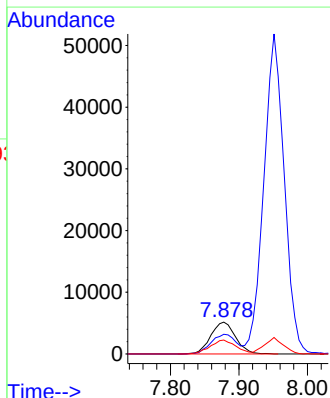
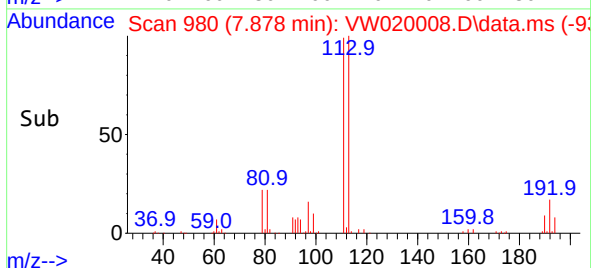
Tgt Ion: 56 Resp: 16200
Ion Ratio Lower Upper
56 100
69 55.2 28.6 42.8#
84 97.7 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 3.940 ug/l
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



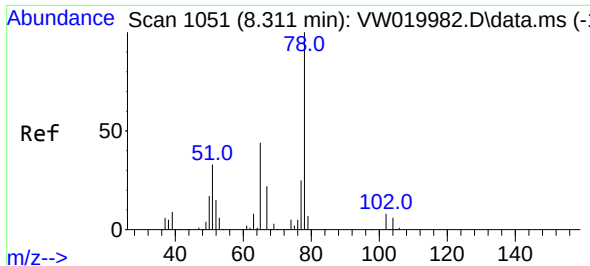
Tgt Ion: 97 Resp: 12995
Ion Ratio Lower Upper
97 100
99 61.1 50.9 76.3
61 45.6 36.1 54.1



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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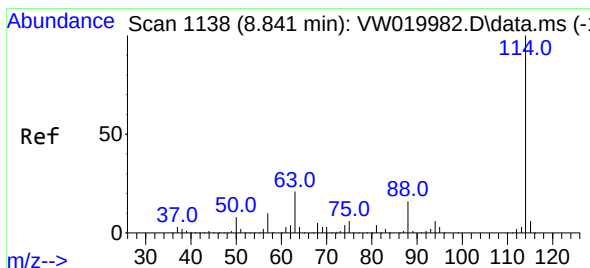
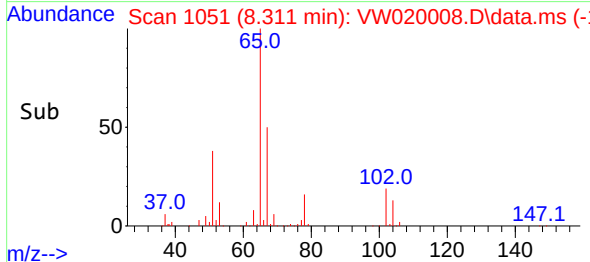
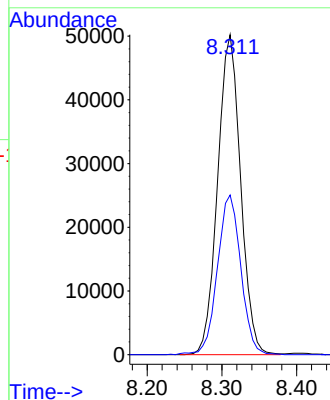
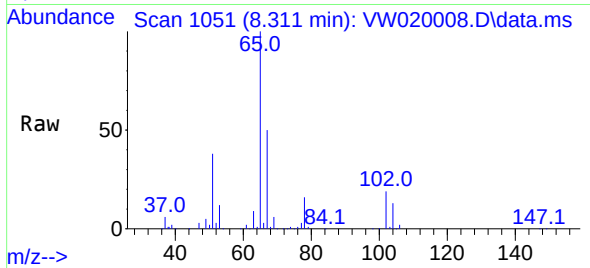
#33
1,2-Dichloroethane-d4
Concen: 50.288 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 65 Resp: 107231
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

Instrument :
MSVOA_W
ClientSampleId :
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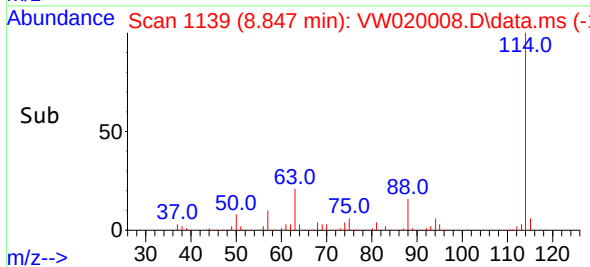
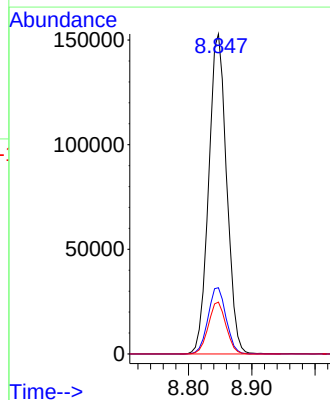
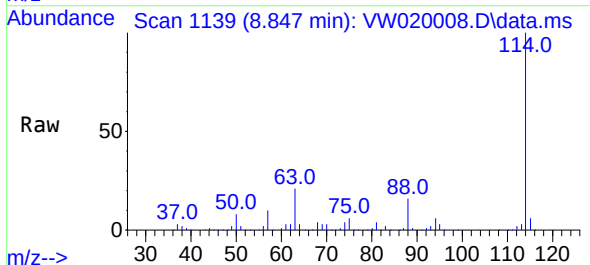
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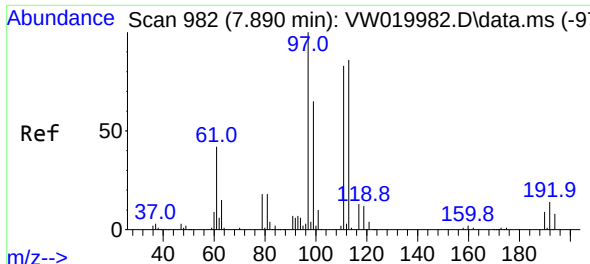
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

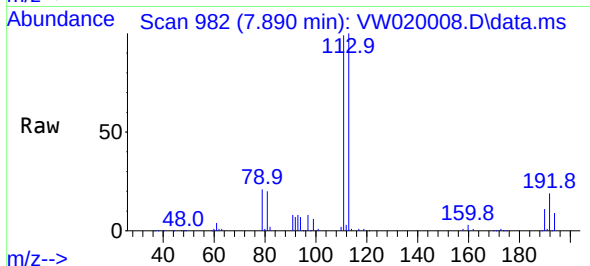
Tgt Ion: 114 Resp: 301195
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.450 ug/l
RT: 7.890 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

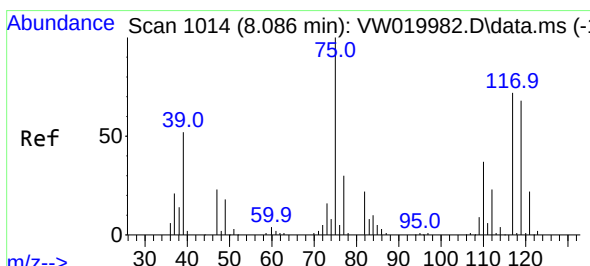
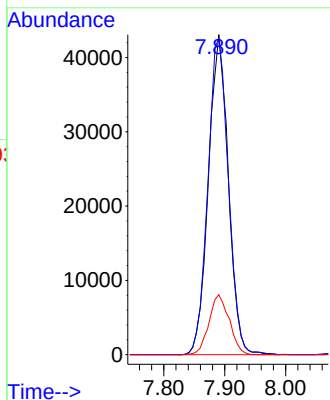
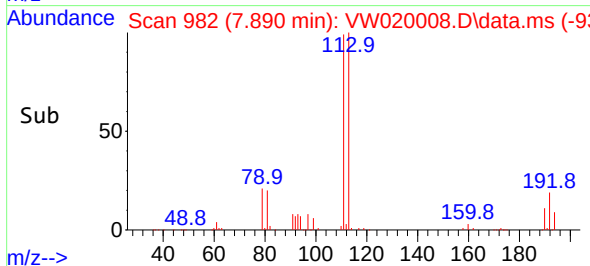
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



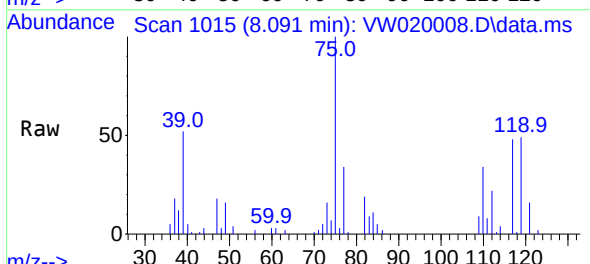
Tgt Ion:113 Resp: 97810
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 19.1 14.6 22.0

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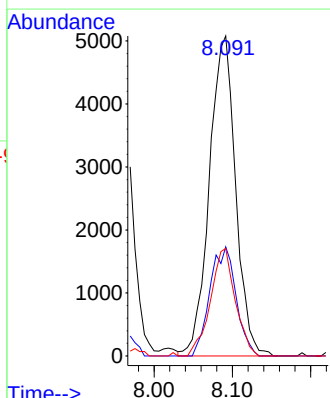
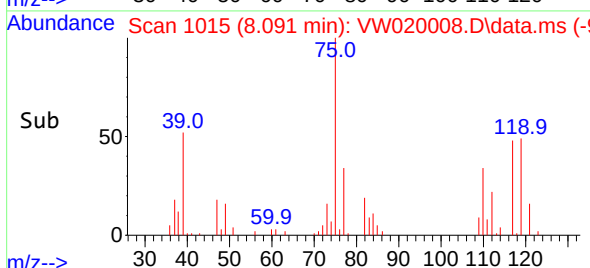
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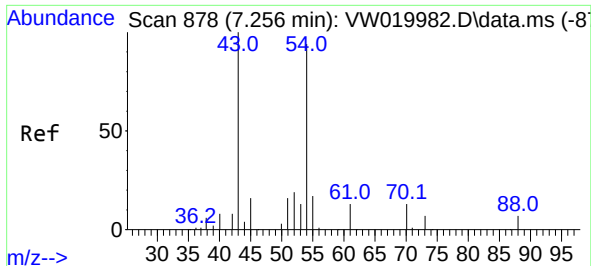


#36
1,1-Dichloropropene
Concen: 3.740 ug/l
RT: 8.091 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



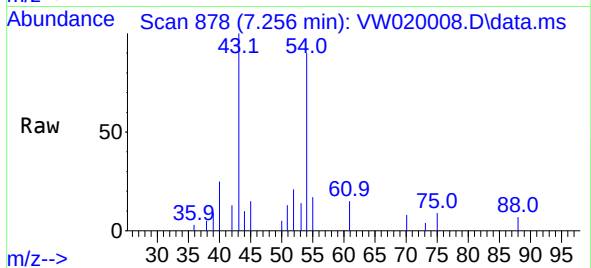
Tgt Ion: 75 Resp: 11851
Ion Ratio Lower Upper
75 100
110 33.9 17.4 52.3
77 31.7 24.8 37.2





#37
Ethyl Acetate
Concen: 4.693 ug/l
RT: 7.256 min Scan# 878
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

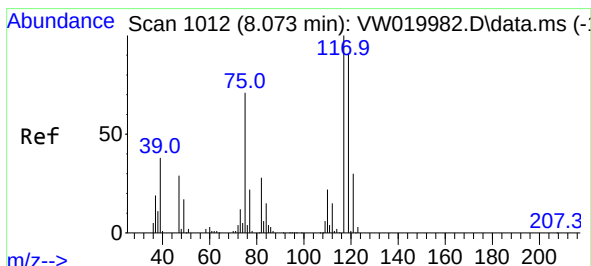
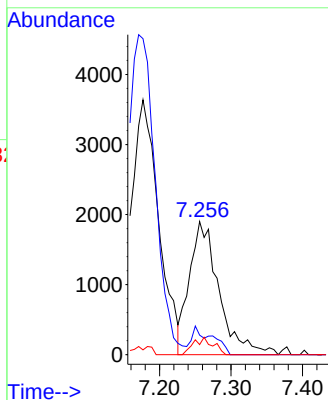
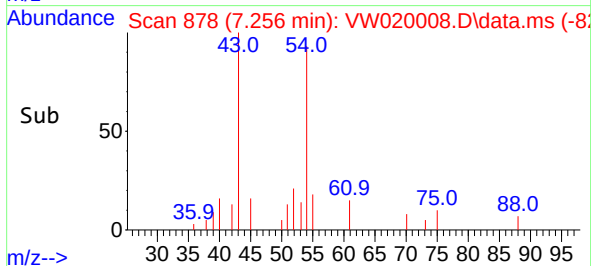
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



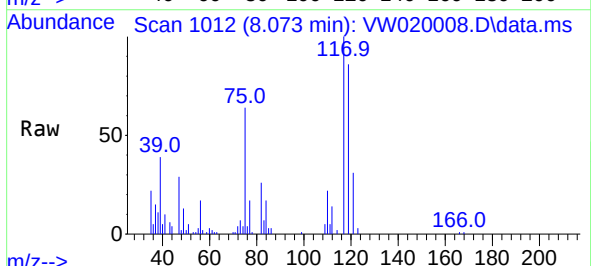
Tgt Ion: 43 Resp: 5467
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 8.6 9.3 13.9#

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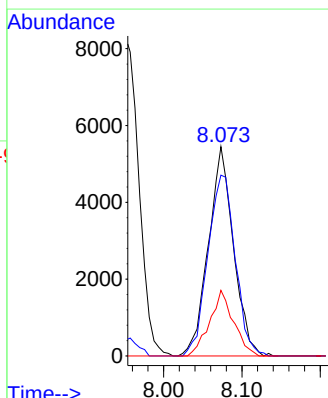
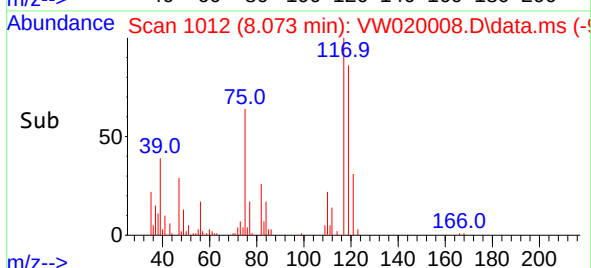
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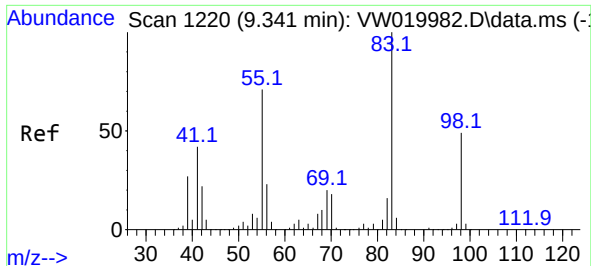


#38
Carbon Tetrachloride
Concen: 3.751 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

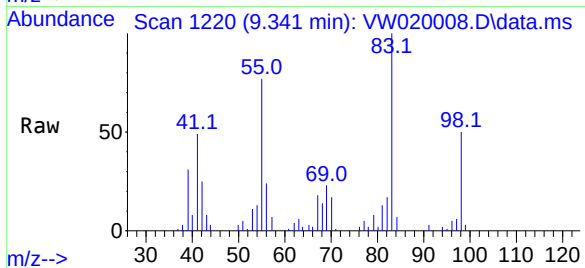


Tgt Ion: 117 Resp: 12119
Ion Ratio Lower Upper
117 100
119 86.4 73.0 109.4
121 31.4 23.9 35.9



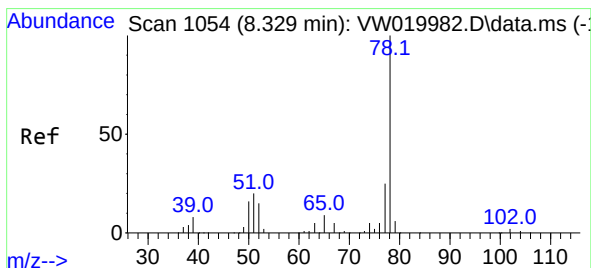
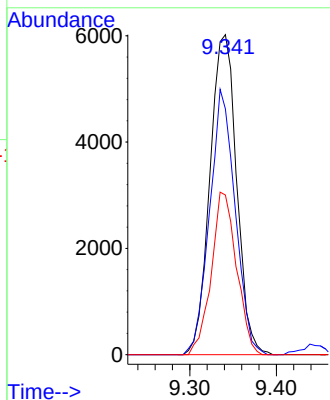
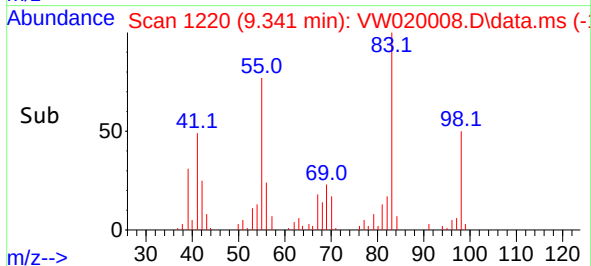


#39
Methylcyclohexane
Concen: 3.510 ug/l
RT: 9.341 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

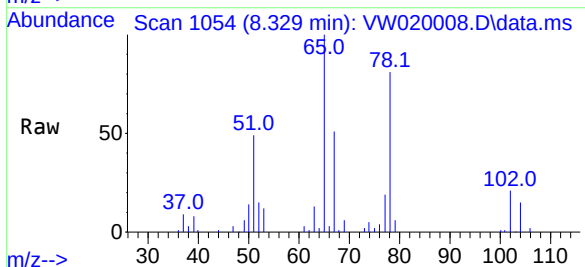


Tgt Ion: 83 Resp: 12888

Ion	Ratio	Lower	Upper
83	100		
55	76.8	56.9	85.3
98	49.9	39.0	58.4

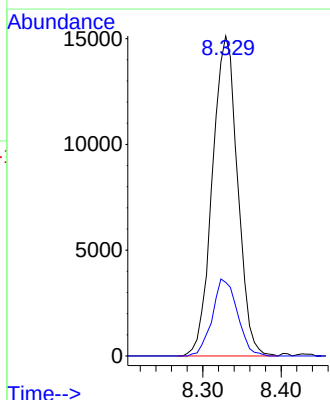
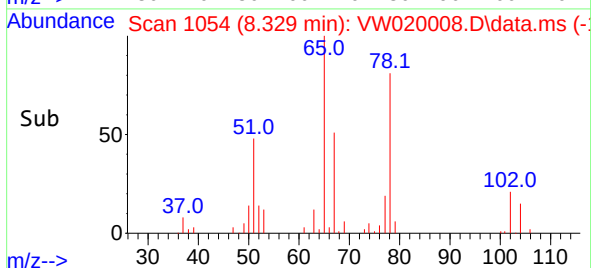


#40
Benzene
Concen: 3.875 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 78 Resp: 33820

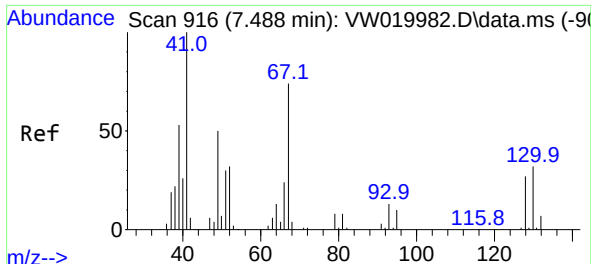
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.7	29.5



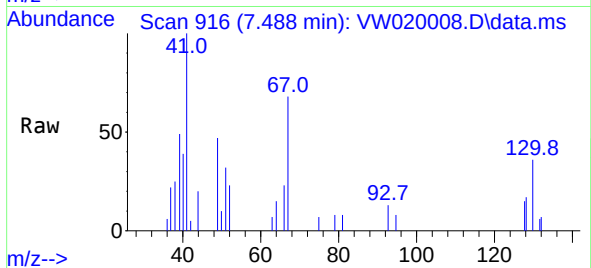
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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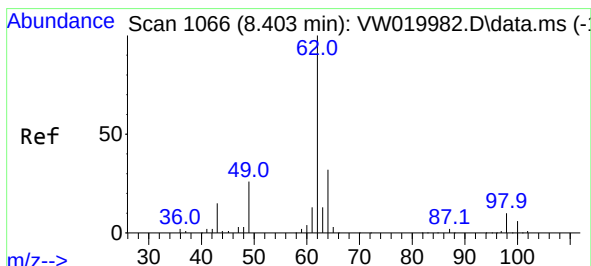
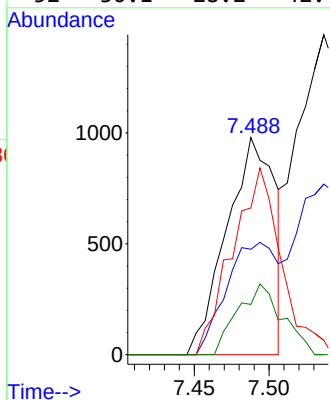
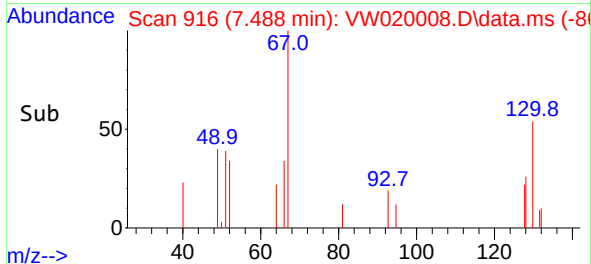
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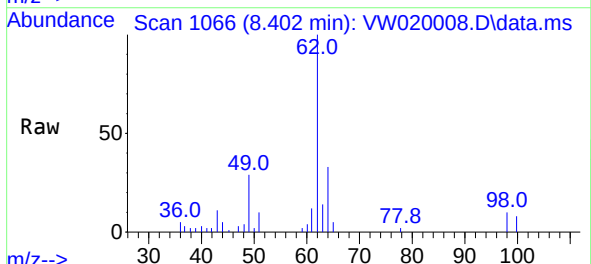
#41
Methacrylonitrile
Concen: 3.420 ug/l
RT: 7.488 min Scan# 916
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



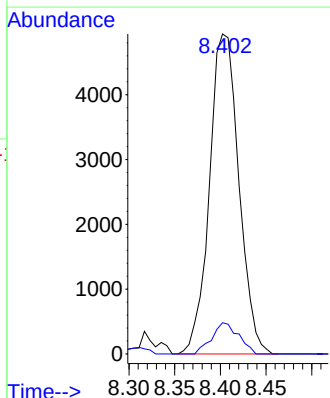
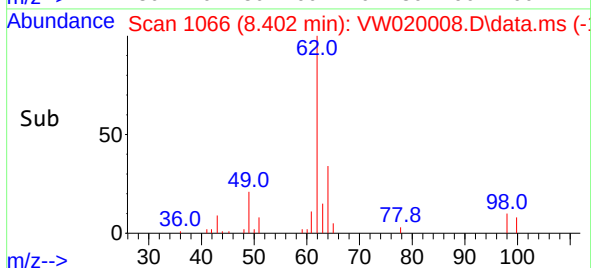
Tgt Ion:	41	Resp:	2205
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.2	67.8
67	86.5	65.3	97.9
52	30.1	28.2	42.4



#42
1,2-Dichloroethane
Concen: 4.129 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



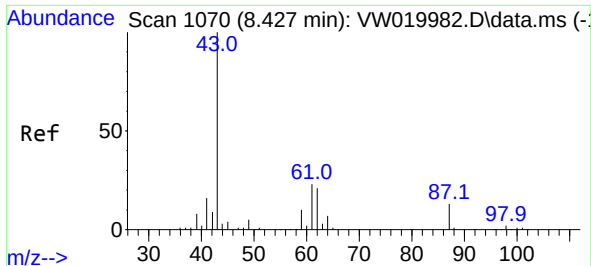
Tgt Ion:	62	Resp:	11066
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6



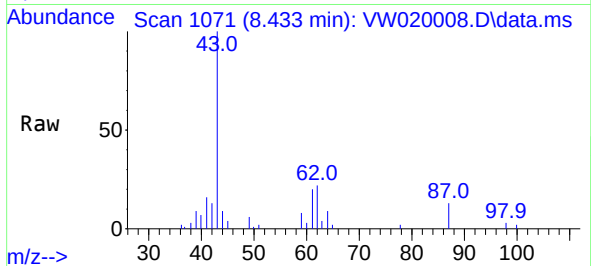
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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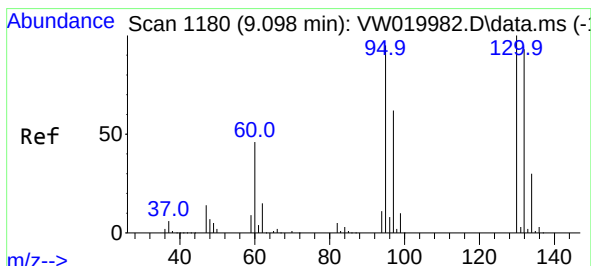
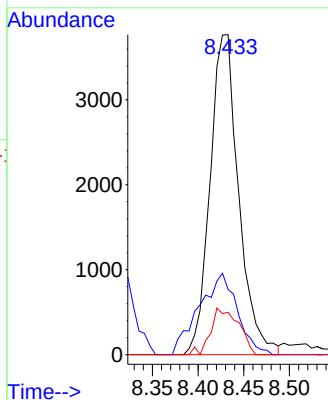
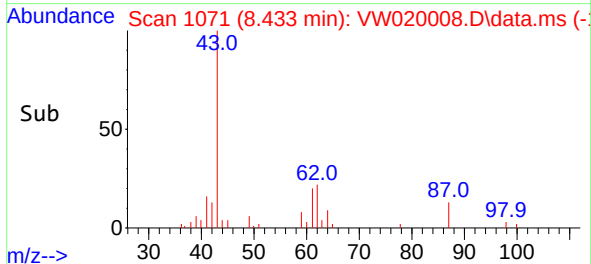
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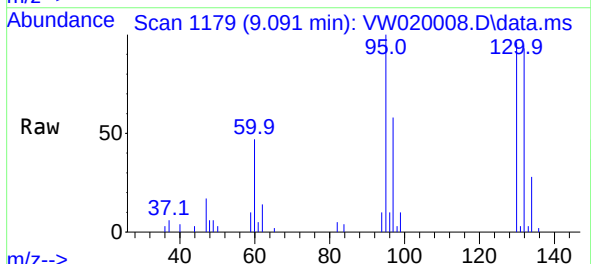
#43
Isopropyl Acetate
Concen: 3.719 ug/l
RT: 8.433 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



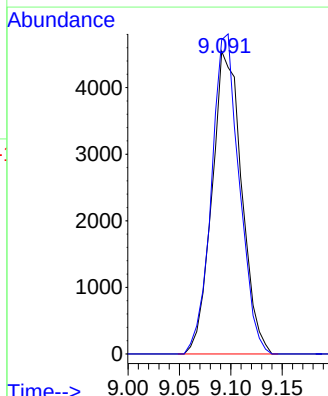
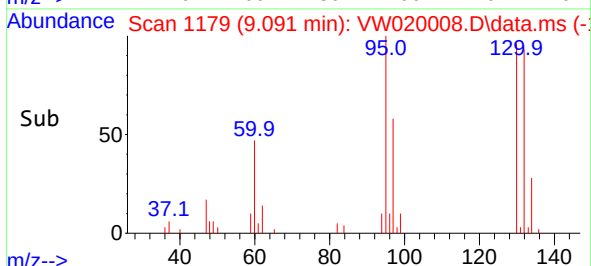
Tgt Ion:	43	Resp:	8223
Ion	Ratio	Lower	Upper
43	100		
61	34.0	26.6	39.8
87	14.2	11.0	16.6



#44
Trichloroethene
Concen: 3.980 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.007 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



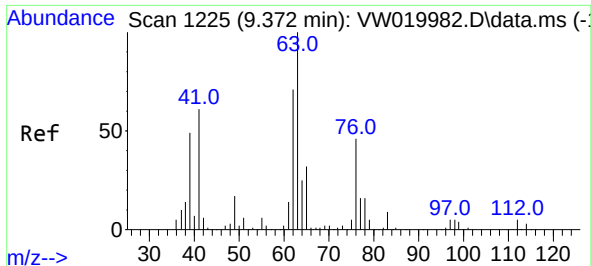
Tgt Ion:	130	Resp:	9114
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	190.0



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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#45

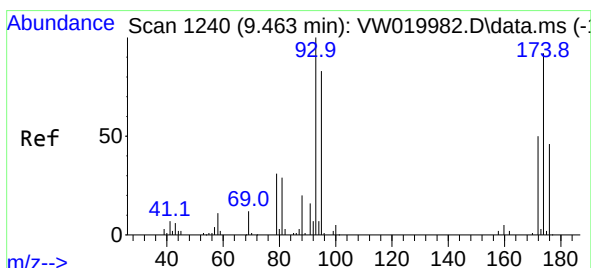
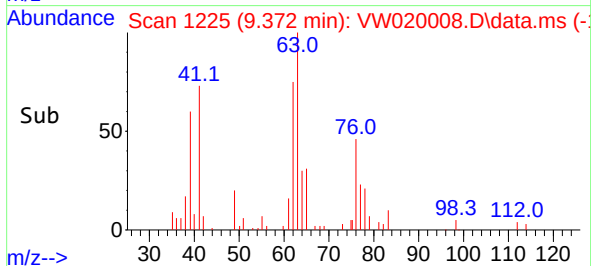
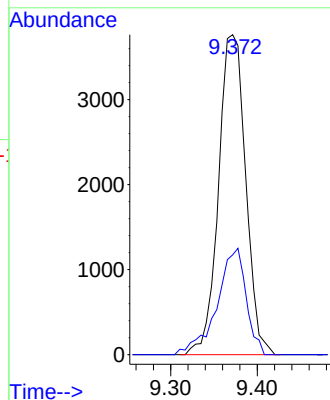
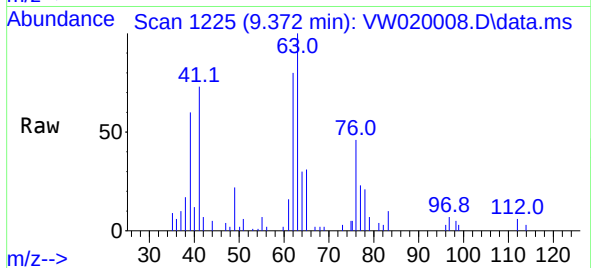
1,2-Dichloropropane
Concen: 3.862 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 63 Resp: 8197
Ion Ratio Lower Upper
63 100
65 31.2 25.5 38.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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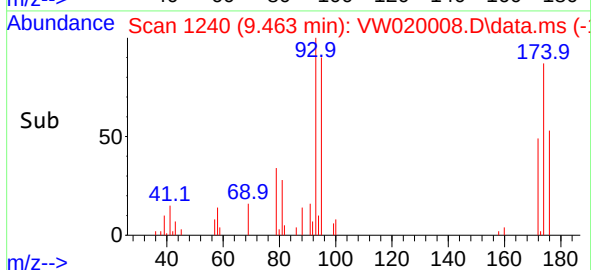
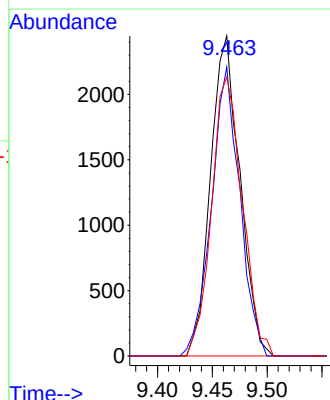
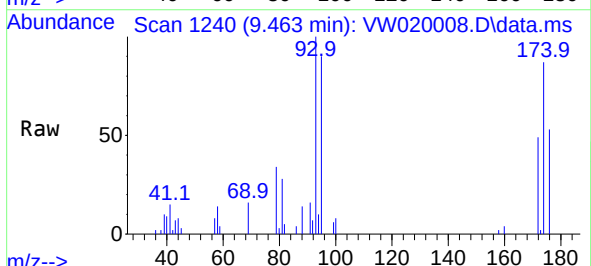
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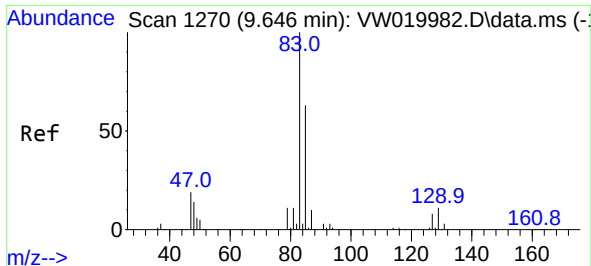


#46

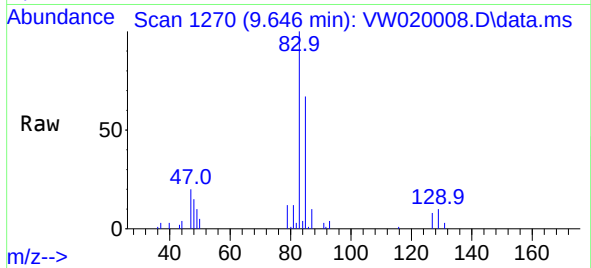
Dibromomethane
Concen: 3.807 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 93 Resp: 4558
Ion Ratio Lower Upper
93 100
95 87.0 65.2 97.8
174 91.1 75.8 113.6

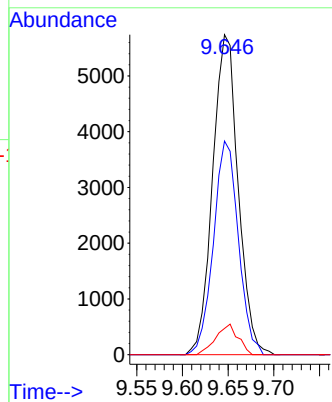
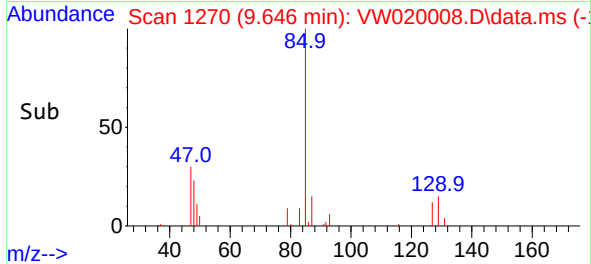




#47
Bromodichloromethane
Concen: 3.738 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



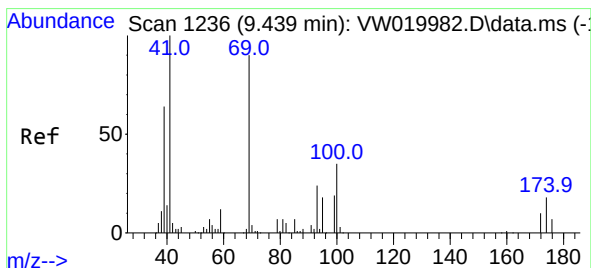
Tgt Ion: 83 Resp: 11150
Ion Ratio Lower Upper
83 100
85 66.8 50.3 75.5
127 8.2 6.5 9.7



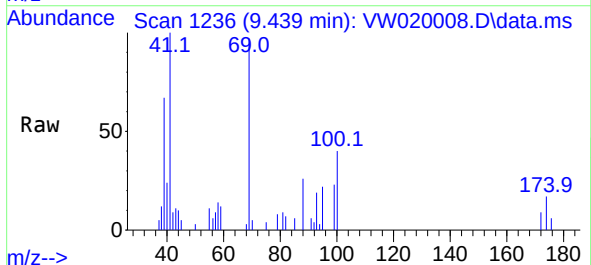
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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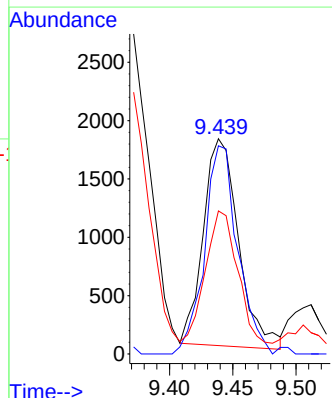
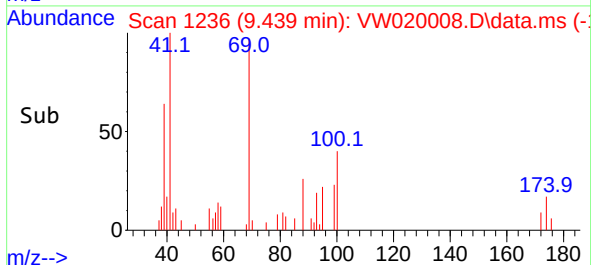
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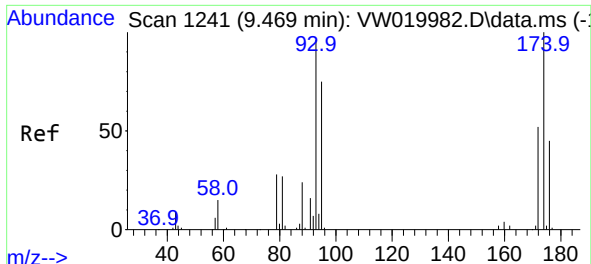


#48
Methyl methacrylate
Concen: 3.568 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



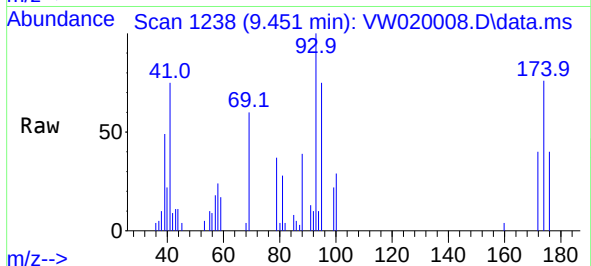
Tgt Ion: 41 Resp: 3451
Ion Ratio Lower Upper
41 100
69 95.7 76.7 115.1
39 69.1 51.4 77.0





#49
1,4-Dioxane
Concen: 87.501 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.018 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

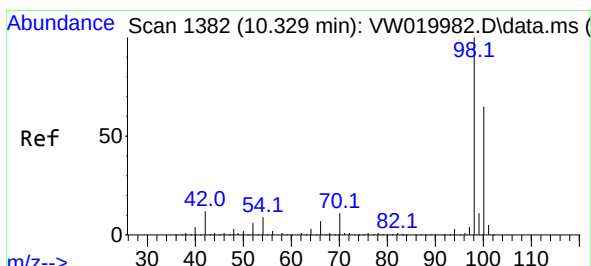
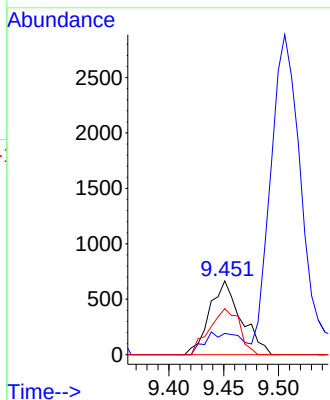
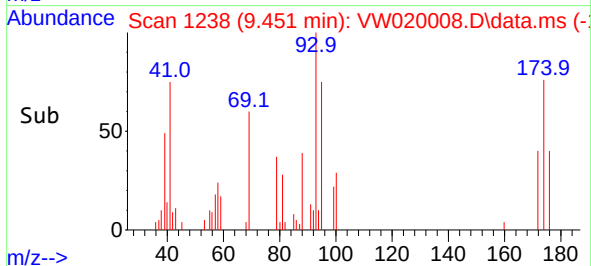
Instrument :
MSVOA_W
ClientSampleID :
MDL-SOIL-03-QT3-2021DL



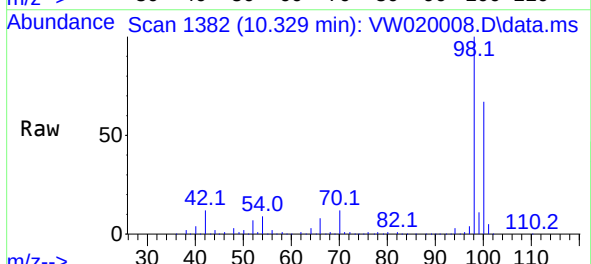
Tgt Ion: 88 Resp: 1338
Ion Ratio Lower Upper
88 100
43 35.7 0.0 0.0#
58 59.3 54.7 82.1

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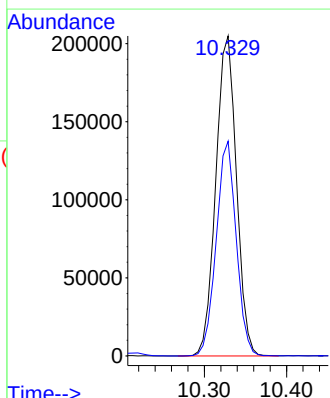
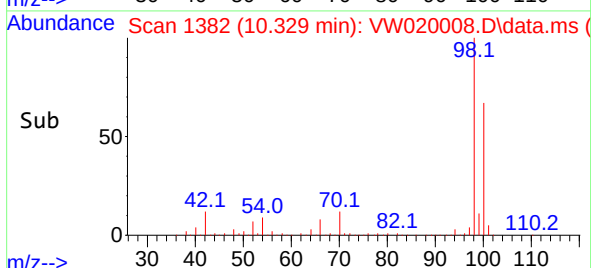
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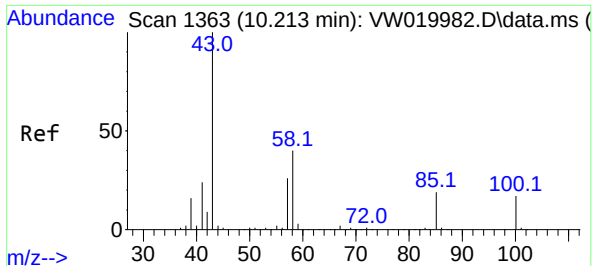


#50
Toluene-d8
Concen: 48.713 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 98 Resp: 358165
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9





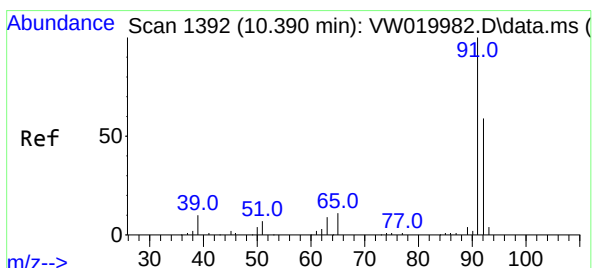
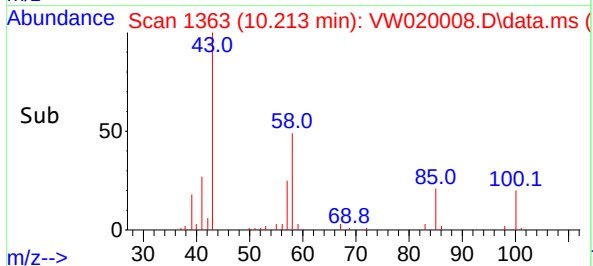
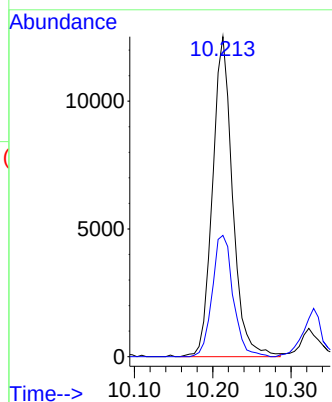
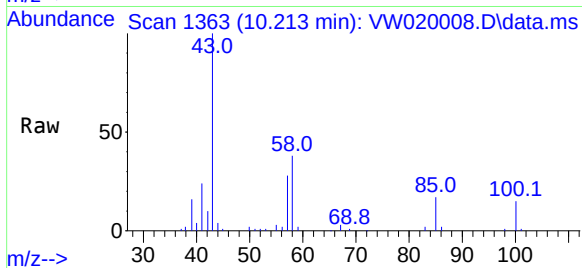
#51
4-Methyl-2-Pentanone
Concen: 19.424 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 43 Resp: 22267
Ion Ratio Lower Upper
43 100
58 39.5 32.1 48.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

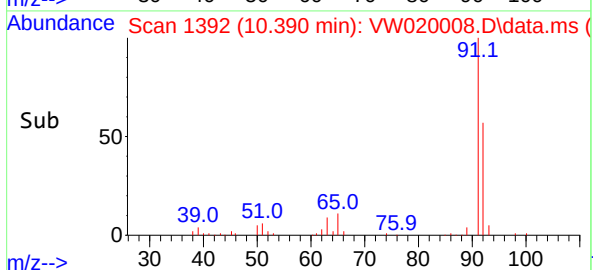
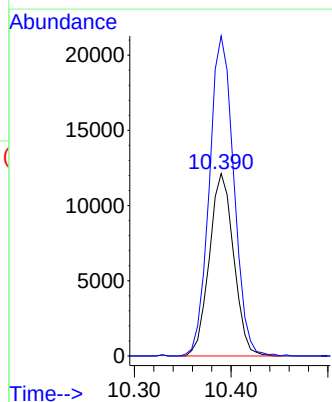
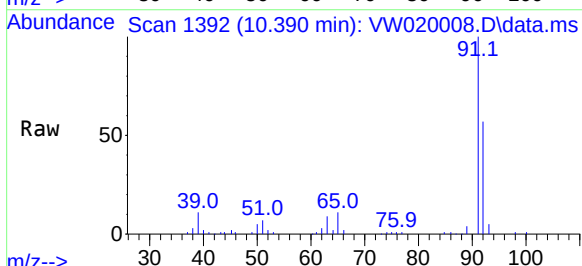
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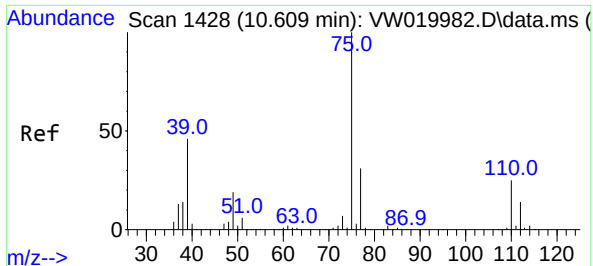
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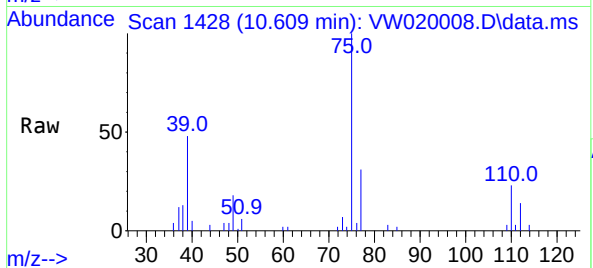
#52
Toluene
Concen: 3.828 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 92 Resp: 21150
Ion Ratio Lower Upper
92 100
91 177.0 136.6 205.0

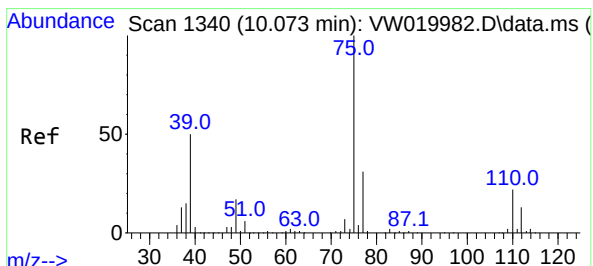
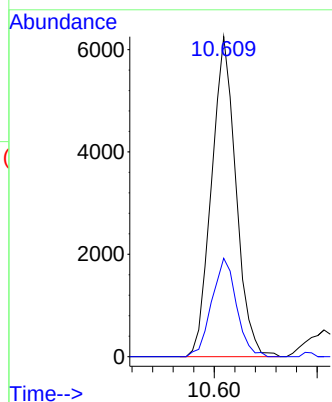
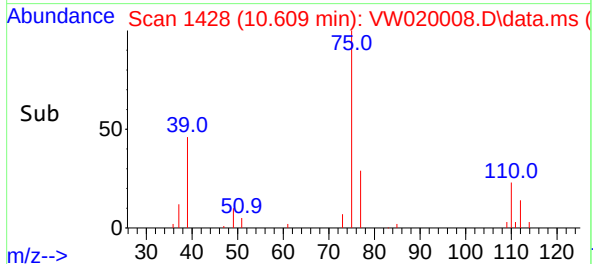




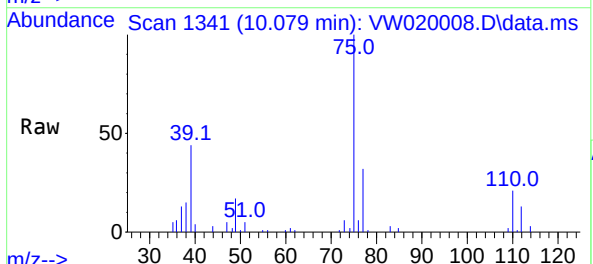
#53
t-1,3-Dichloropropene
Concen: 3.596 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



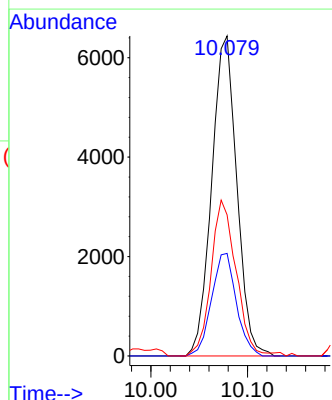
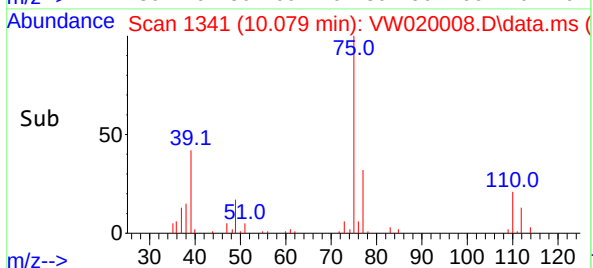
Tgt Ion: 75 Resp: 10289
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 3.491 ug/l
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



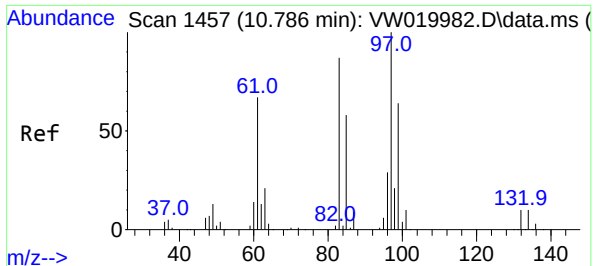
Tgt Ion: 75 Resp: 11628
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 44.1 39.9 59.9



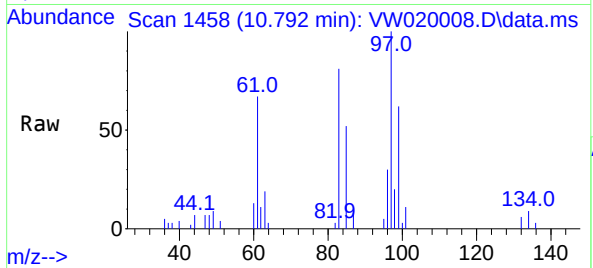
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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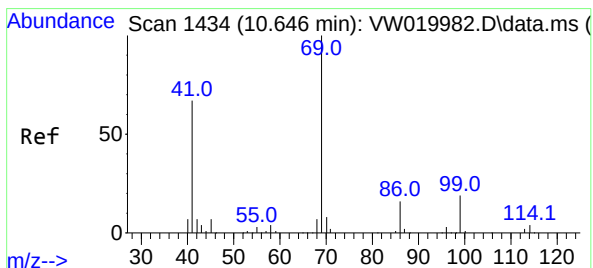
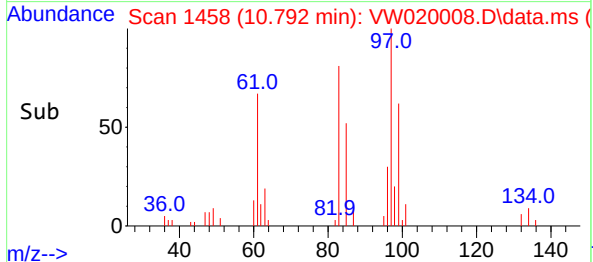
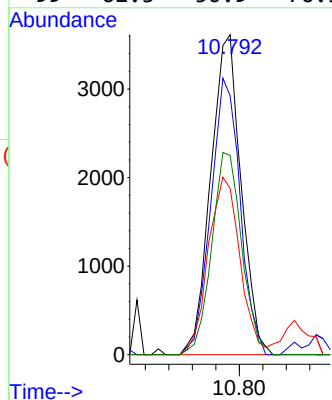


#55
1,1,2-Trichloroethane
Concen: 3.993 ug/l
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

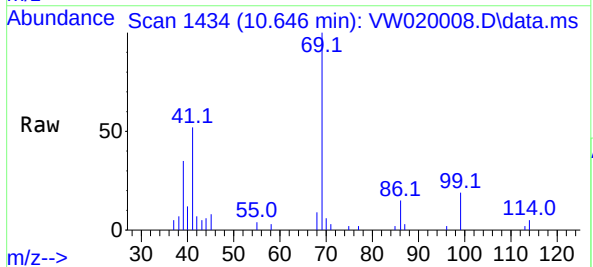


Tgt Ion: 97 Resp: 6478

Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.8	104.6
85	52.0	46.6	69.8
99	62.3	50.9	76.3

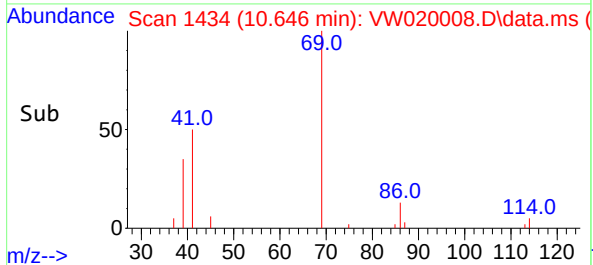
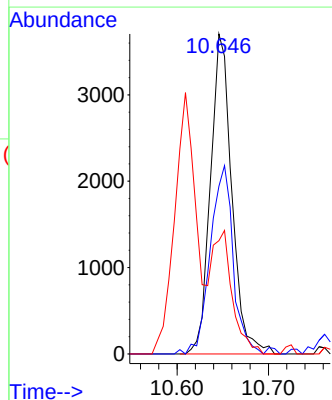


#56
Ethyl methacrylate
Concen: 3.308 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 69 Resp: 6004

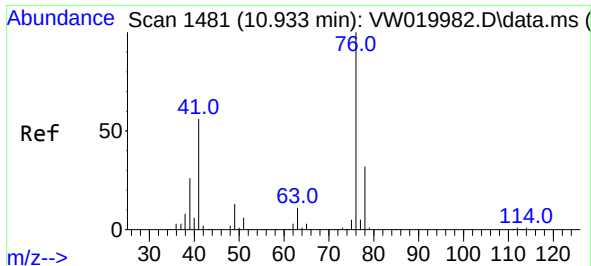
Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.6	76.0
39	35.5	31.2	46.8



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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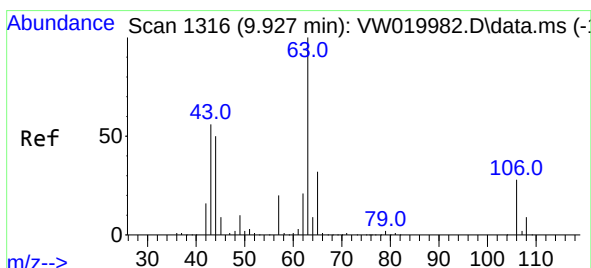
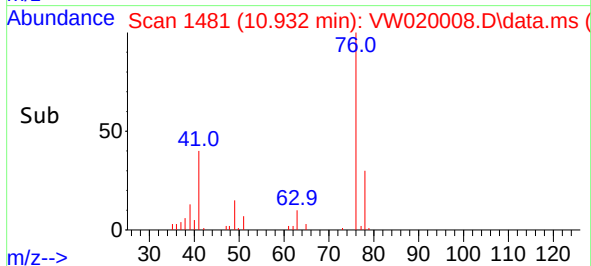
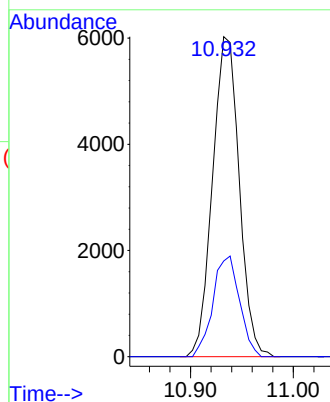
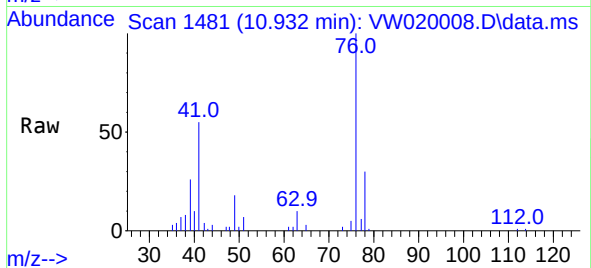
#57
1,3-Dichloropropane
Concen: 3.898 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 76 Resp: 10850
Ion Ratio Lower Upper
76 100
78 31.3 26.6 40.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

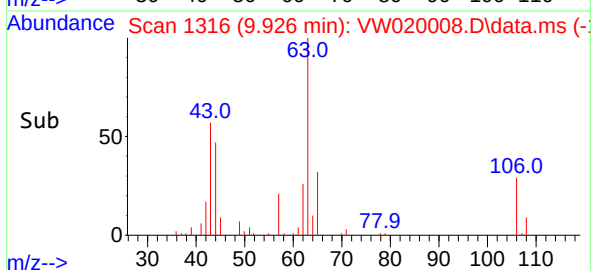
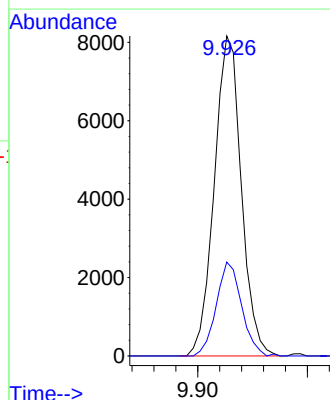
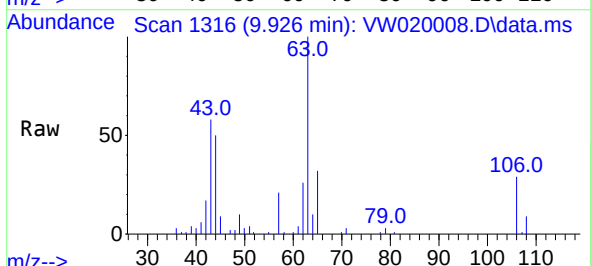
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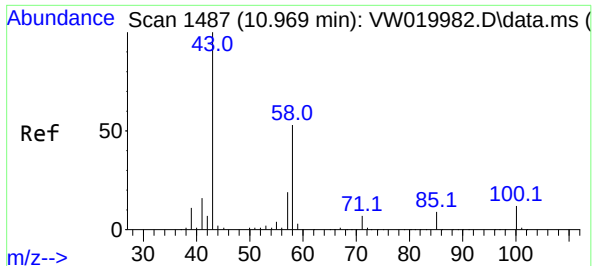
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#58
2-Chloroethyl Vinyl ether
Concen: 16.838 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 63 Resp: 13950
Ion Ratio Lower Upper
63 100
106 27.6 22.9 34.3





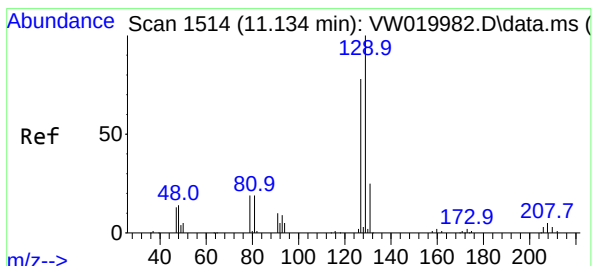
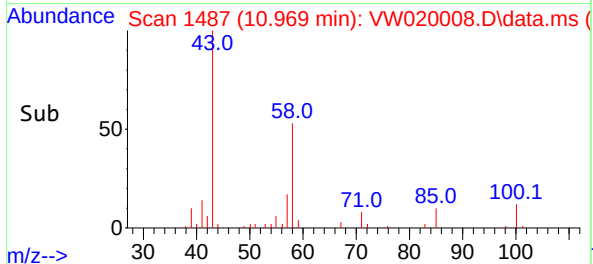
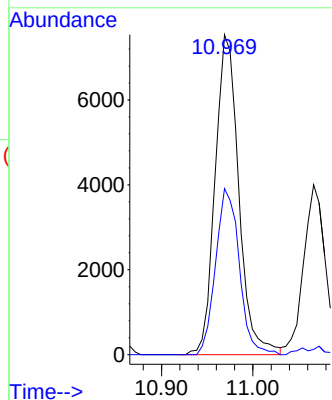
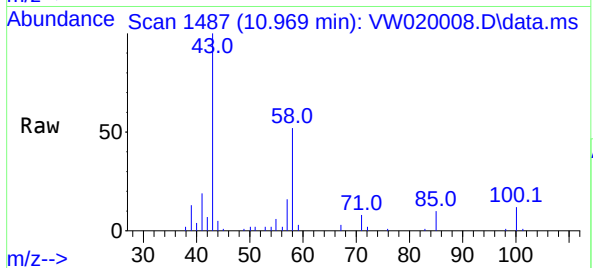
#59
2-Hexanone
Concen: 17.726 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 43 Resp: 13580
Ion Ratio Lower Upper
43 100
58 51.7 27.4 82.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

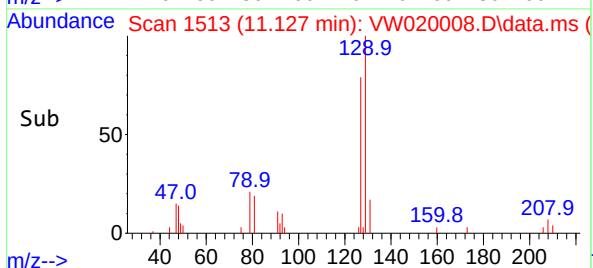
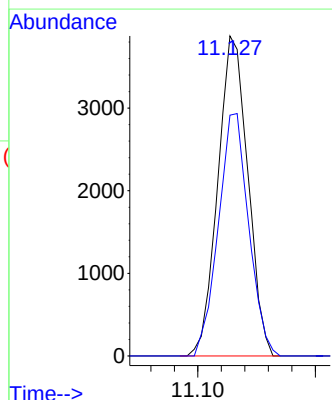
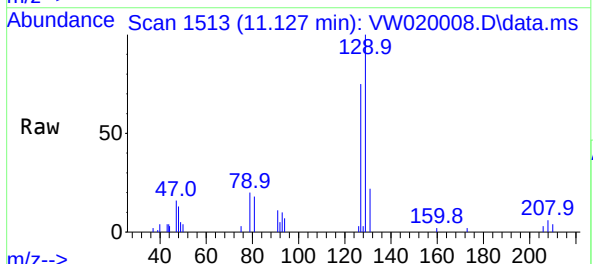
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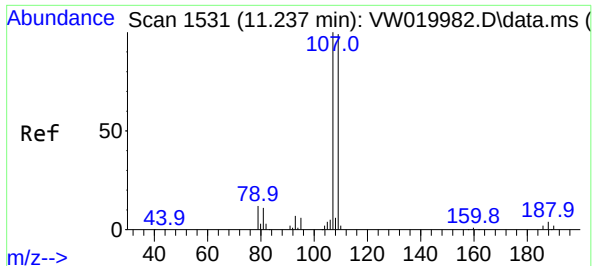
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#60
Dibromochloromethane
Concen: 3.659 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

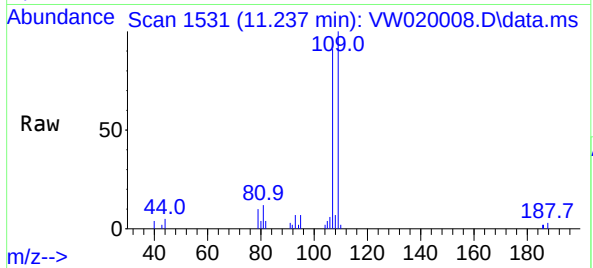
Tgt Ion: 129 Resp: 6872
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61
1,2-Dibromoethane
Concen: 3.900 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

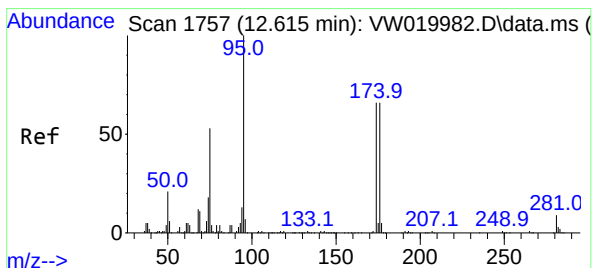
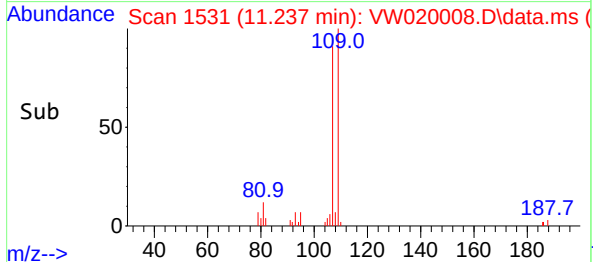
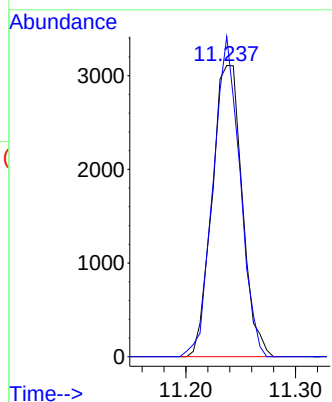
Instrument :
MSVOA_W
ClientSampleId :
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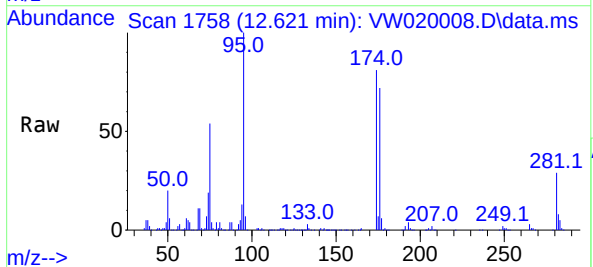
Tgt Ion:107 Resp: 5925
Ion Ratio Lower Upper
107 100
109 98.0 76.4 114.6

Manual Integrations
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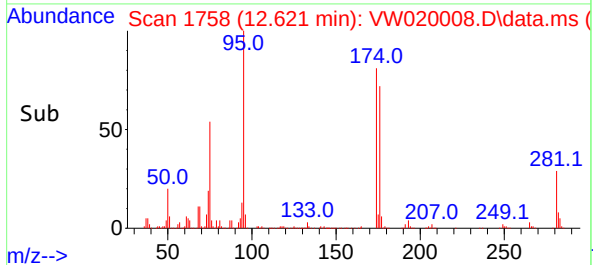
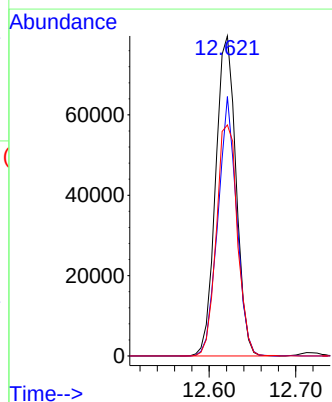
MMDadoda
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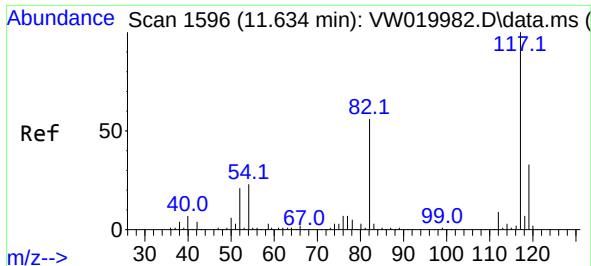


#62
4-Bromofluorobenzene
Concen: 47.906 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



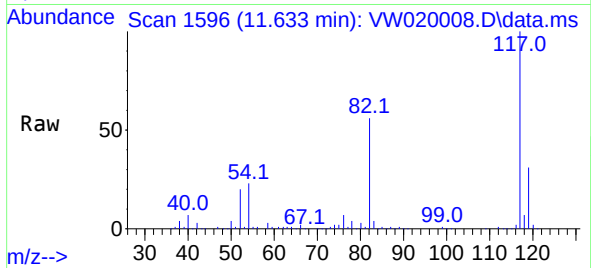
Tgt Ion: 95 Resp: 130329
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.2
176 74.8 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

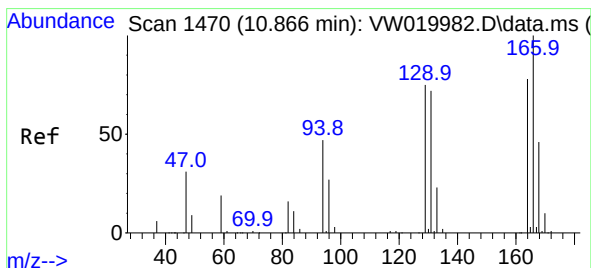
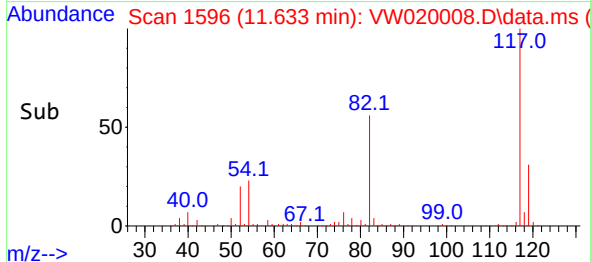
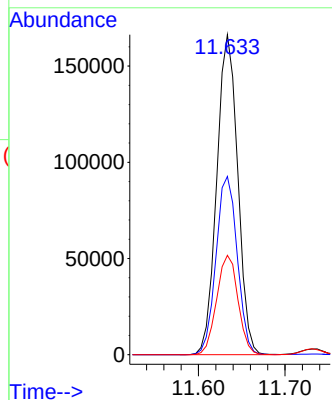
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



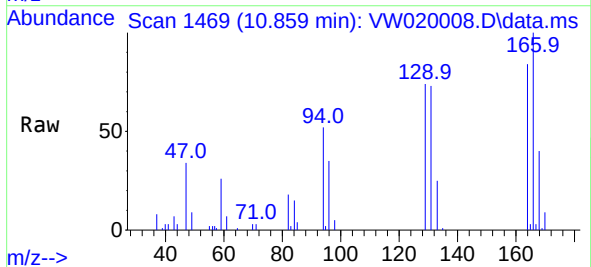
Tgt Ion:117 Resp: 279889
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.1 26.2 39.2

Manual Integrations
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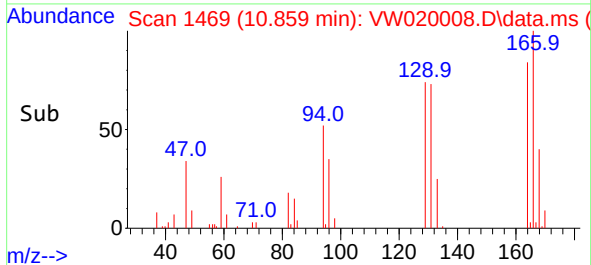
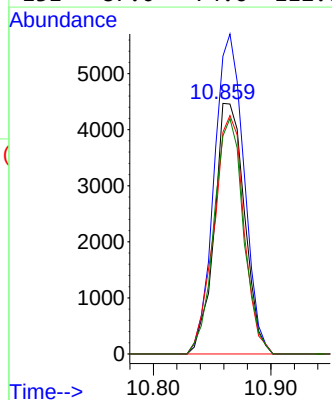
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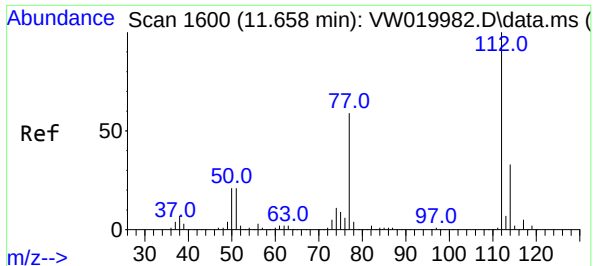


#64
Tetrachloroethene
Concen: 4.080 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion:164 Resp: 7924
Ion Ratio Lower Upper
164 100
166 118.8 103.1 154.7
129 88.5 77.7 116.5
131 87.0 74.6 112.0





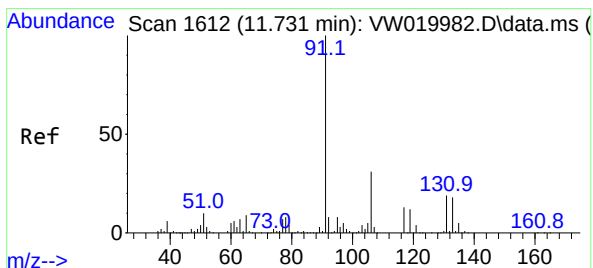
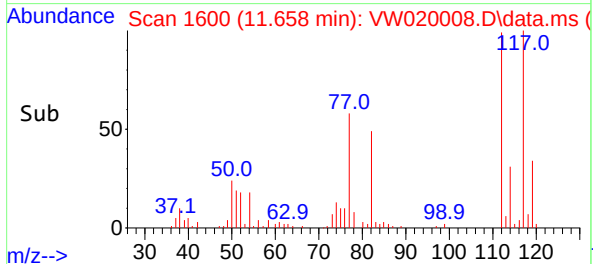
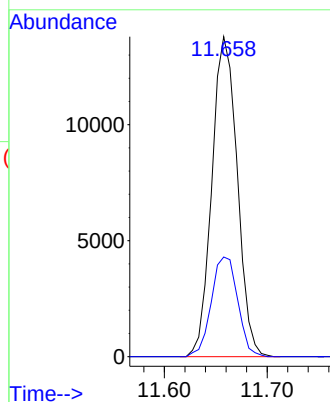
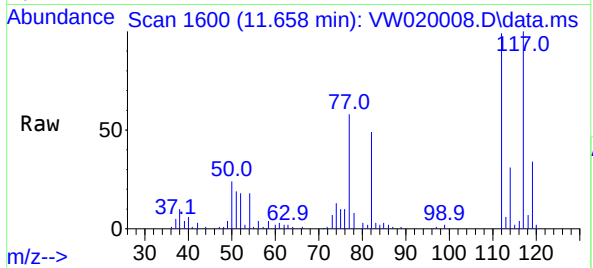
#65
Chlorobenzene
Concen: 3.928 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:112 Resp: 23628
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

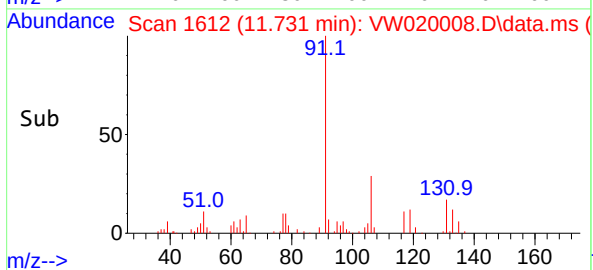
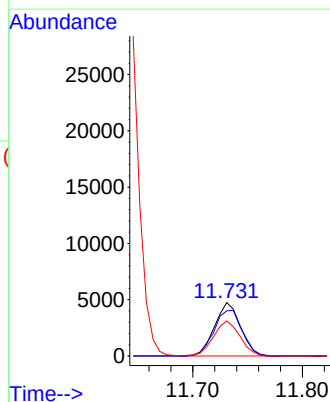
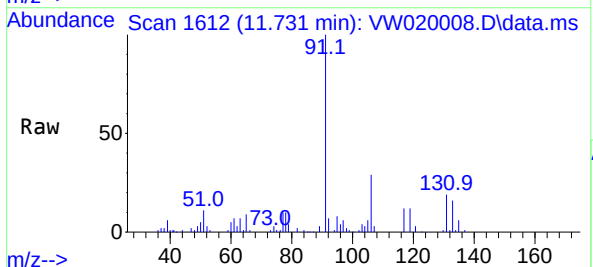
Manual Integrations
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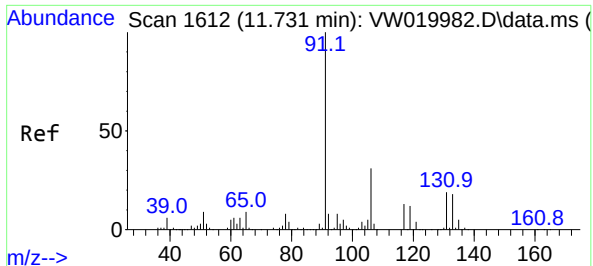
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#66
1,1,1,2-Tetrachloroethane
Concen: 3.626 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

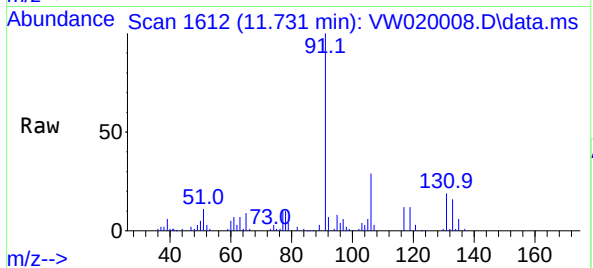
Tgt Ion:131 Resp: 7774
Ion Ratio Lower Upper
131 100
133 93.4 46.6 139.8
119 67.1 32.8 98.4





#67
Ethyl Benzene
Concen: 3.603 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

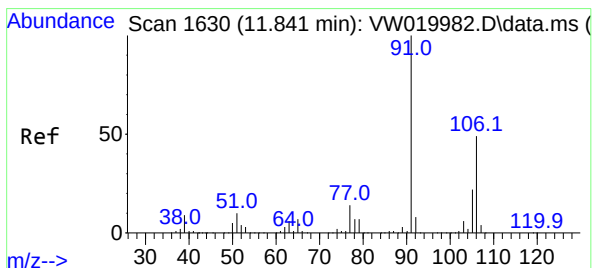
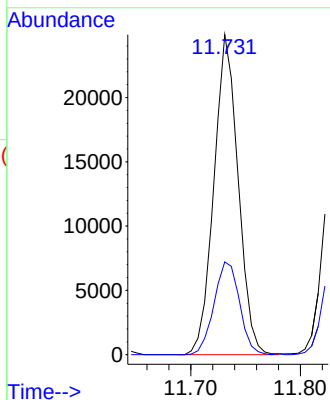
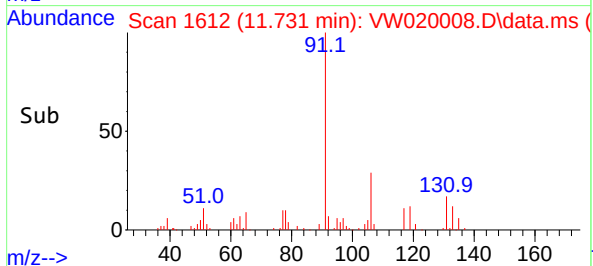
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



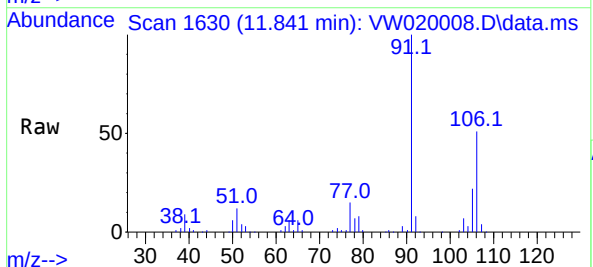
Tgt Ion: 91 Resp: 38237
Ion Ratio Lower Upper
91 100
106 29.0 24.7 37.1

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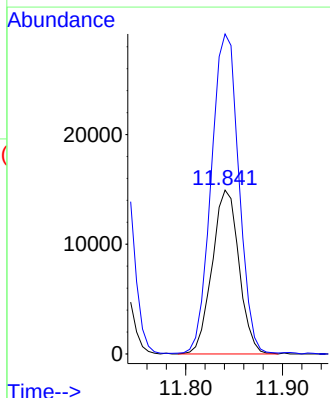
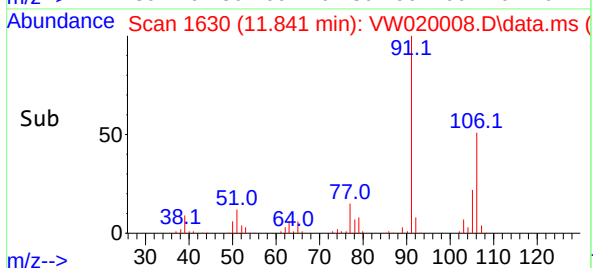
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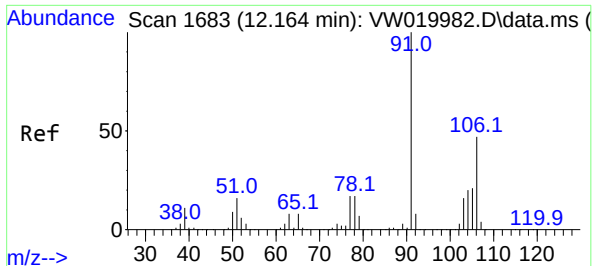


#68
m/p-Xylenes
Concen: 6.867 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



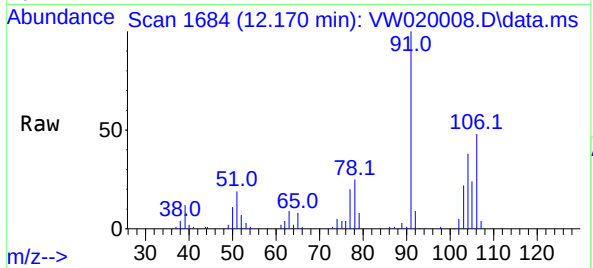
Tgt Ion: 106 Resp: 28762
Ion Ratio Lower Upper
106 100
91 199.9 166.8 250.2





#69
o-Xylene
Concen: 3.306 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

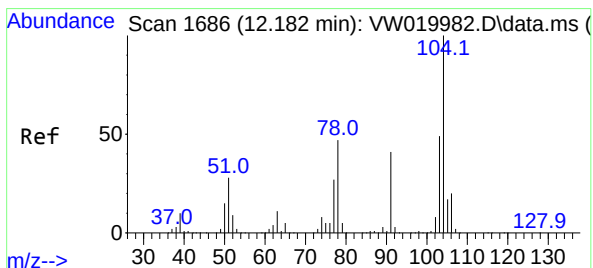
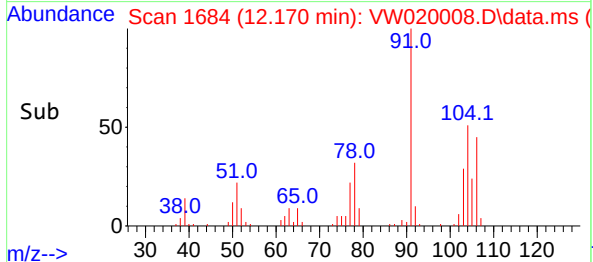
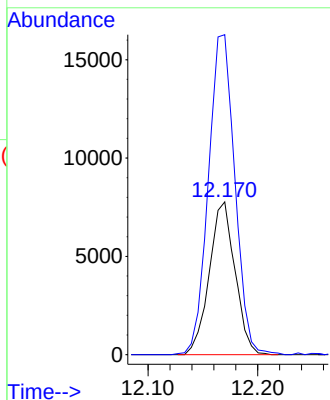
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



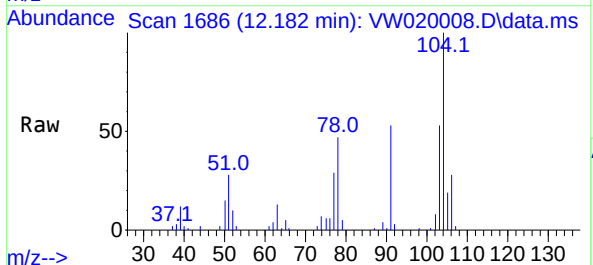
Tgt Ion:106 Resp: 12687
Ion Ratio Lower Upper
106 100
91 215.4 109.2 327.6

Manual Integrations
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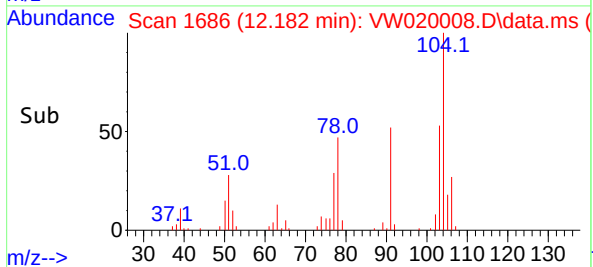
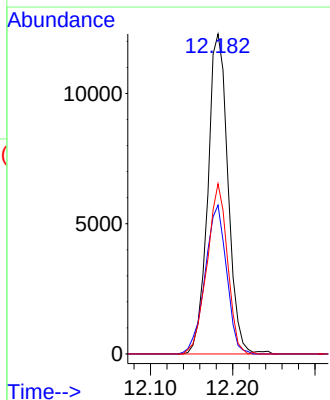
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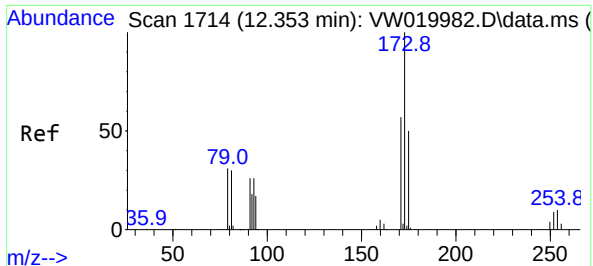


#70
Styrene
Concen: 3.214 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion:104 Resp: 20901
Ion Ratio Lower Upper
104 100
78 49.5 42.6 63.8
103 54.0 43.8 65.6





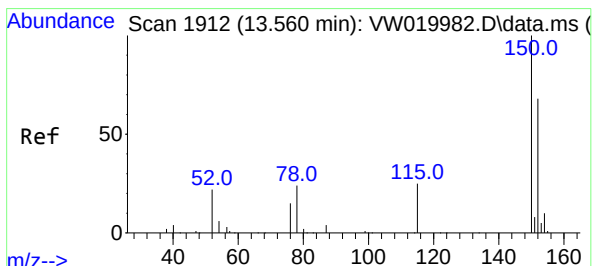
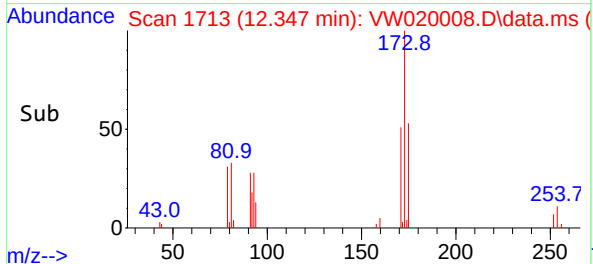
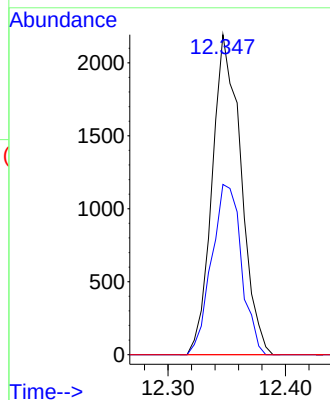
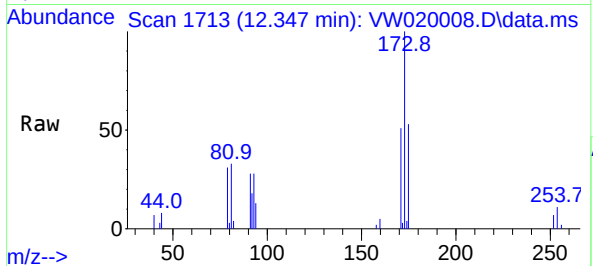
#71
Bromoform
Concen: 3.535 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	173	Resp:	3731
Ion Ratio	Lower	Upper	
173	100		
175	55.1	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
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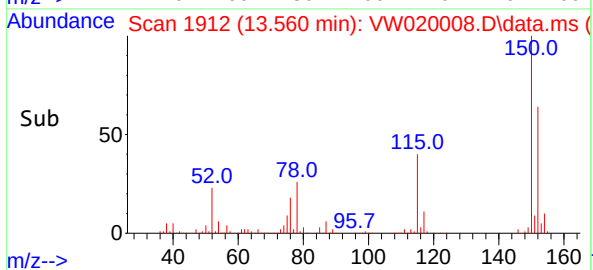
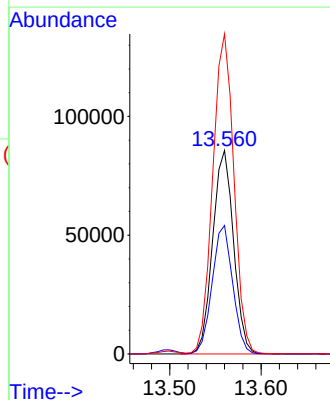
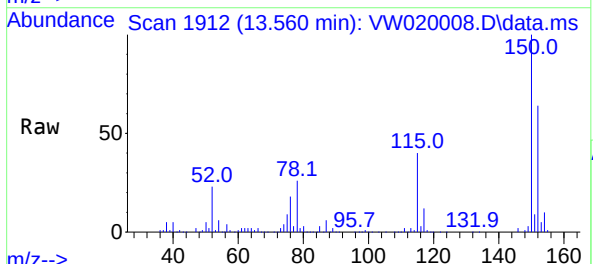
Manual Integrations
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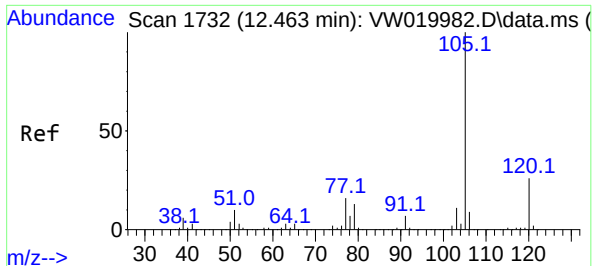
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

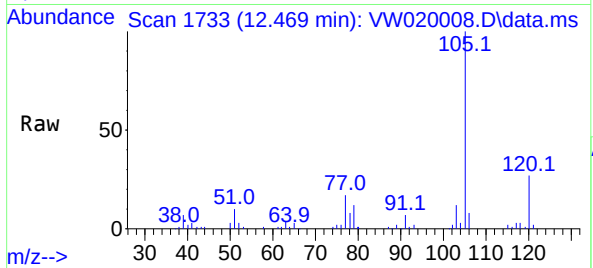
Tgt Ion:	152	Resp:	136076
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.8	92.3
150	158.8	0.0	359.2





#73
Isopropylbenzene
Concen: 3.487 ug/l
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

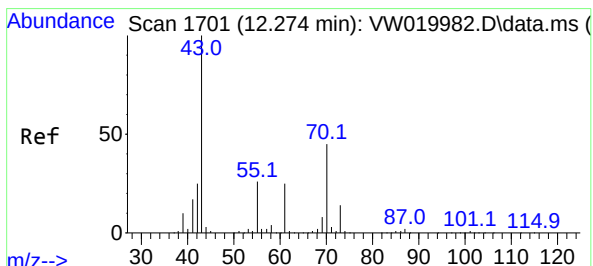
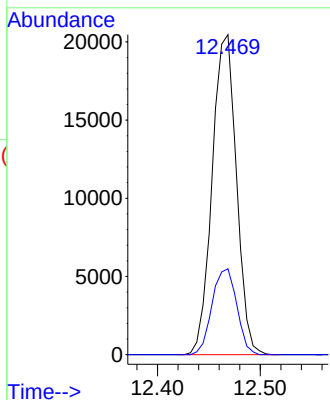
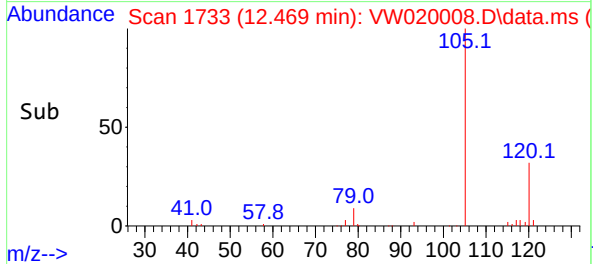
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



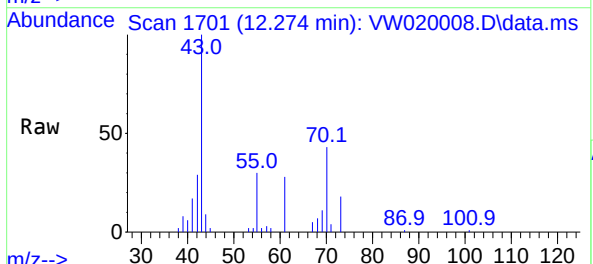
Tgt Ion:105 Resp: 33575
Ion Ratio Lower Upper
105 100
120 27.3 13.0 39.0

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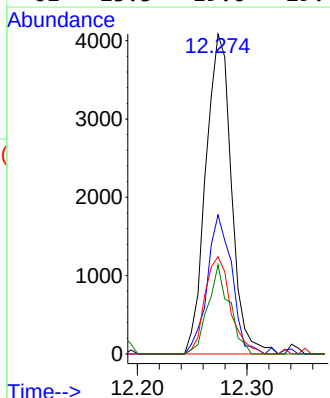
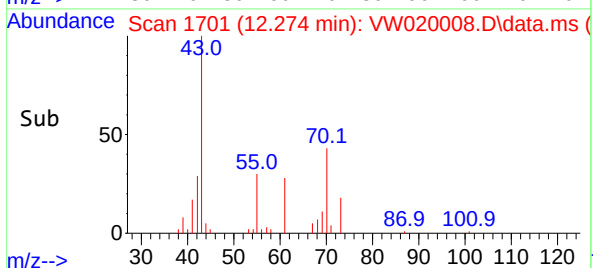
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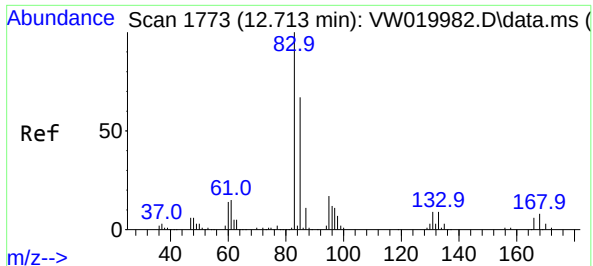


#74
N-ethyl acetate
Concen: 3.368 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 43 Resp: 6656
Ion Ratio Lower Upper
43 100
70 41.6 35.1 52.7
55 30.3 21.4 32.2
61 23.3 19.6 29.4





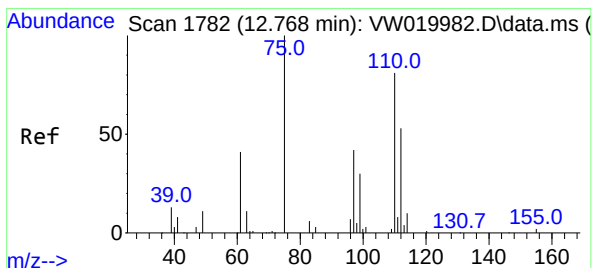
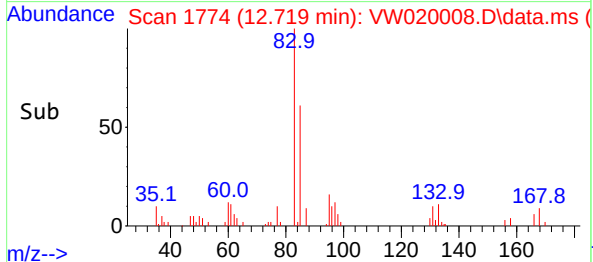
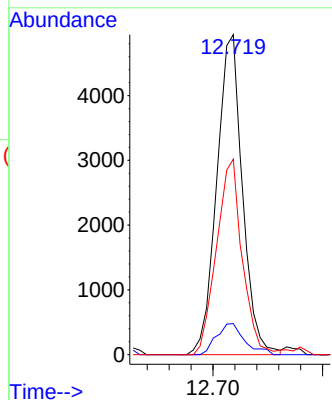
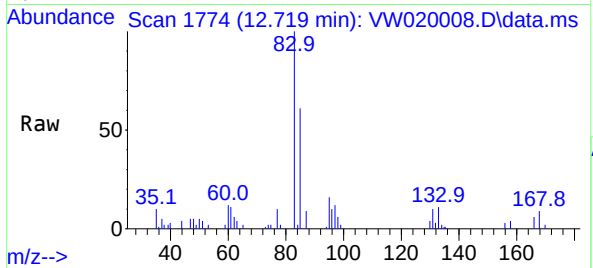
#75
1,1,2,2-Tetrachloroethane
Concen: 4.551 ug/l
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 83 Resp: 8047
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 61.3 32.8 98.4

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

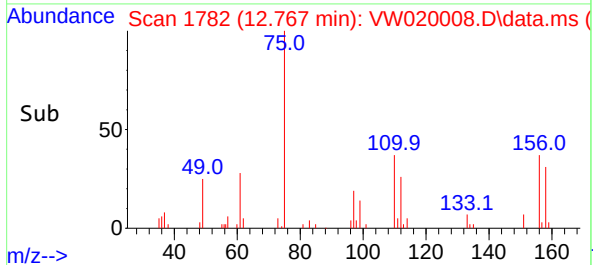
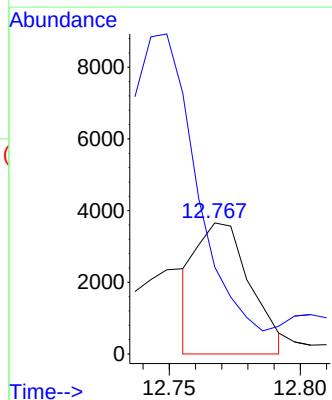
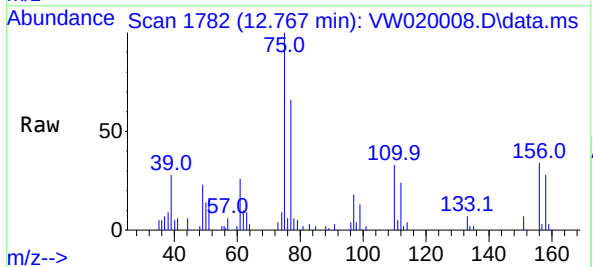
Manual Integrations
APPROVED

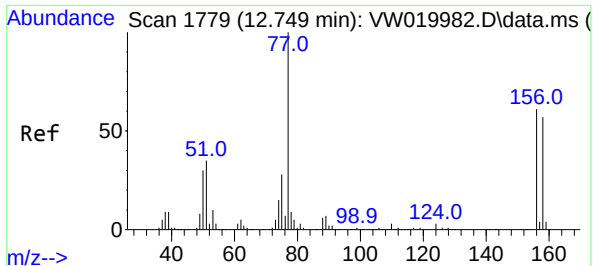
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#76
1,2,3-Trichloropropane
Concen: 4.126 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 75 Resp: 5215
Ion Ratio Lower Upper
75 100
77 336.3 0.0 0.0#





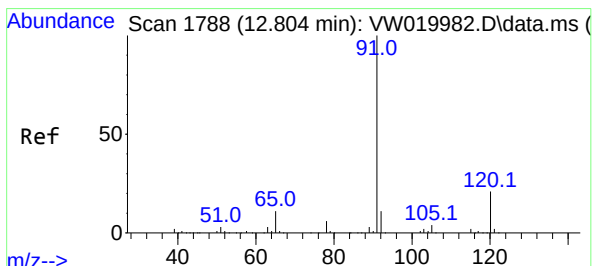
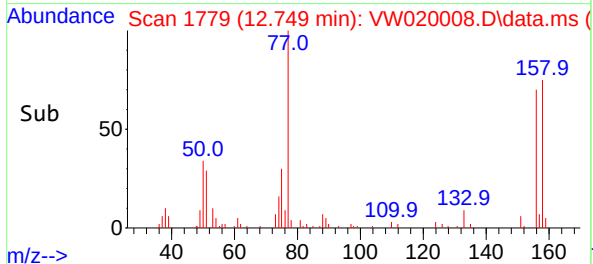
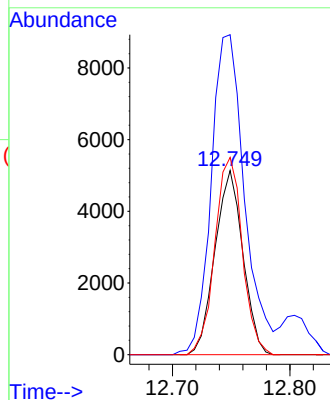
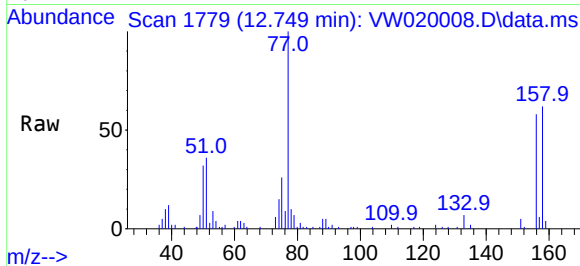
#77
Bromobenzene
Concen: 3.801 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	156	Resp:	8490
Ion Ratio	Lower	Upper	
156	100		
77	206.6	96.6	289.8
158	105.4	48.6	145.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

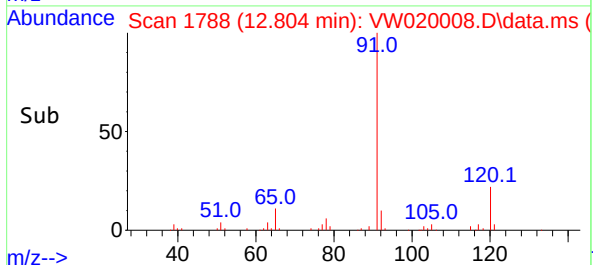
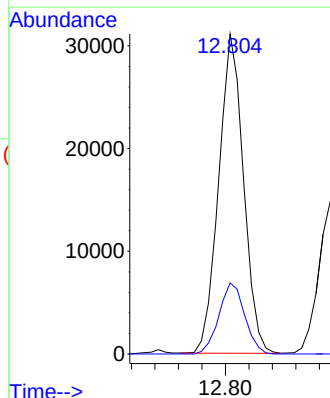
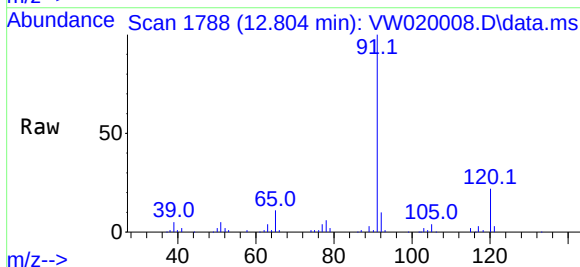
Manual Integrations
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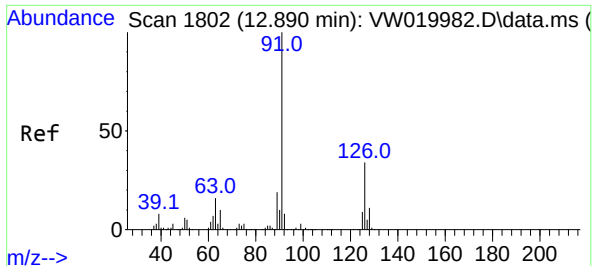
MMDadoda
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#78
n-propylbenzene
Concen: 3.758 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	91	Resp:	45568
Ion Ratio	Lower	Upper	
91	100		
120	23.0	10.9	32.7





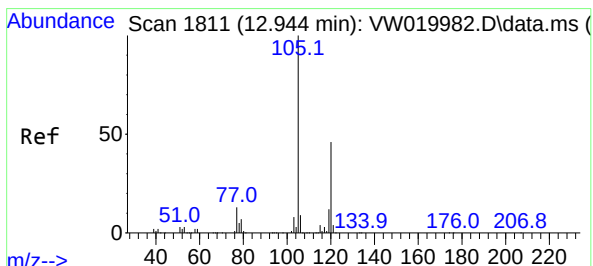
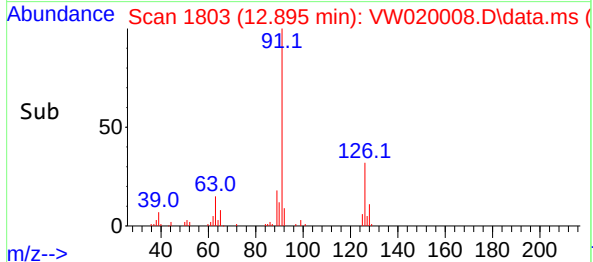
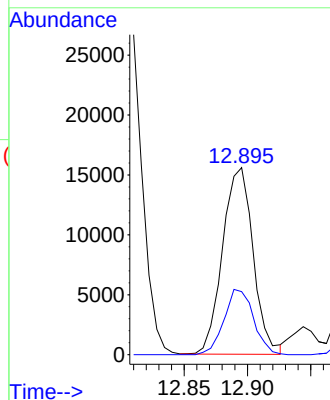
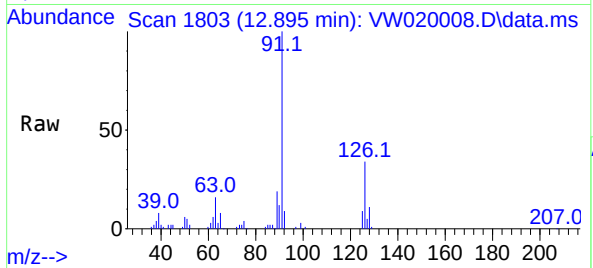
#79
2-Chlorotoluene
Concen: 3.716 ug/l
RT: 12.895 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion: 91 Resp: 26223
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.2

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

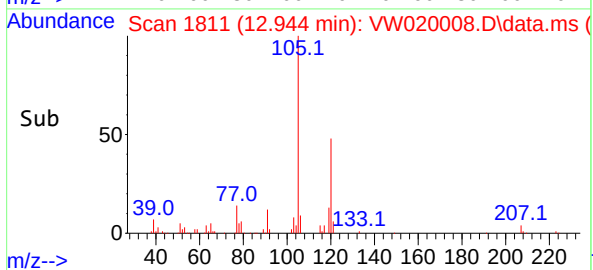
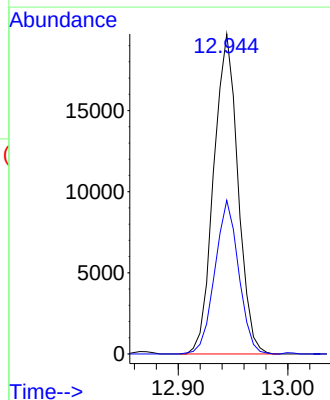
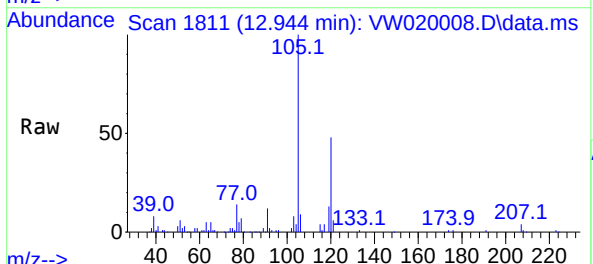
Manual Integrations
APPROVED

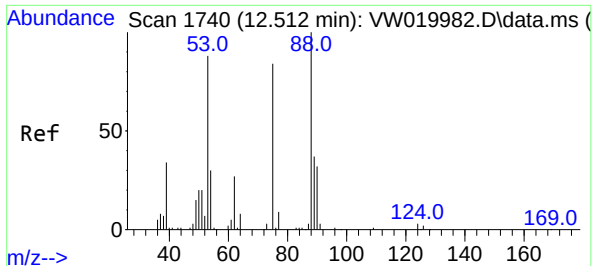
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#80
1,3,5-Trimethylbenzene
Concen: 3.570 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

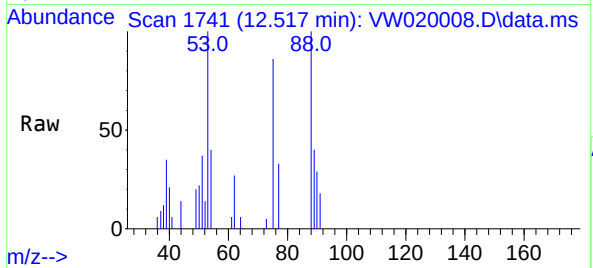
Tgt Ion:105 Resp: 30294
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.602 ug/l m
RT: 12.517 min Scan# 1741
Delta R.T. 0.005 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

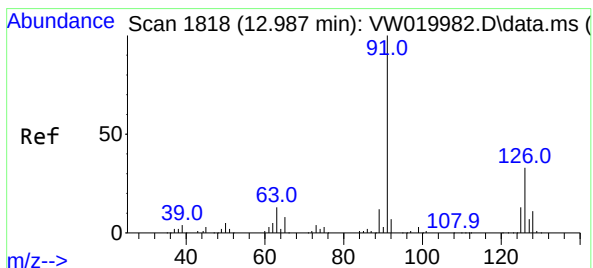
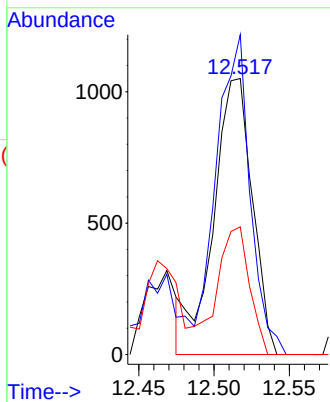
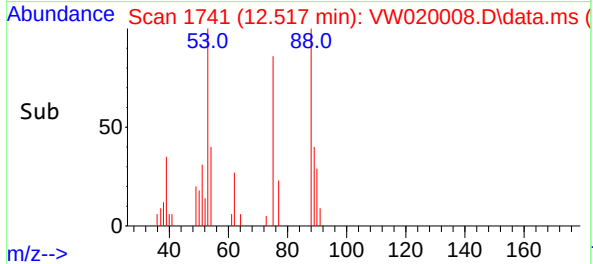
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



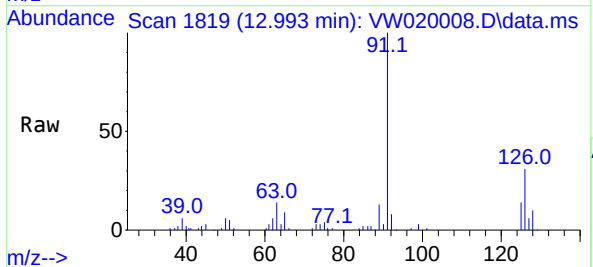
Tgt Ion: 75 Resp: 1881
Ion Ratio Lower Upper
75 100
53 0.0 86.1 129.1#
89 27.1 37.7 56.5#

Manual Integrations
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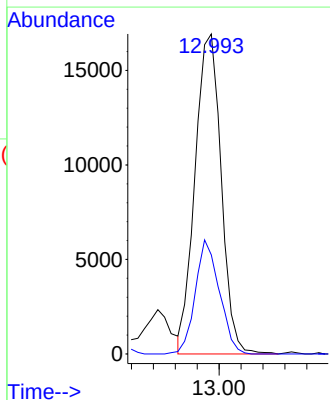
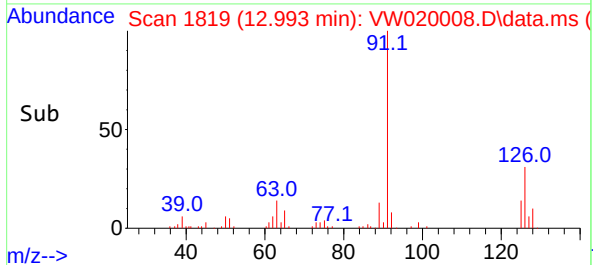
MMDadoda
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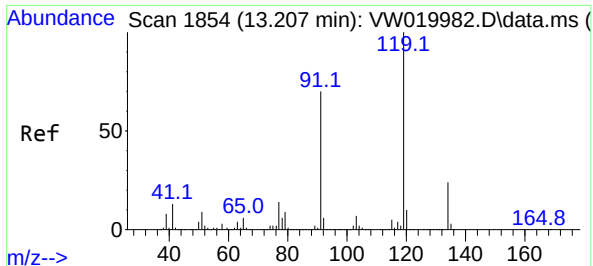


#82
4-Chlorotoluene
Concen: 3.779 ug/l
RT: 12.993 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



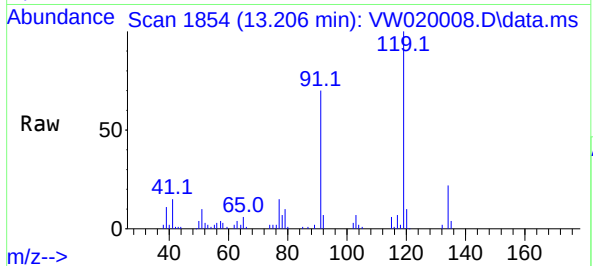
Tgt Ion: 91 Resp: 28037
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2





#83
tert-Butylbenzene
Concen: 3.430 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

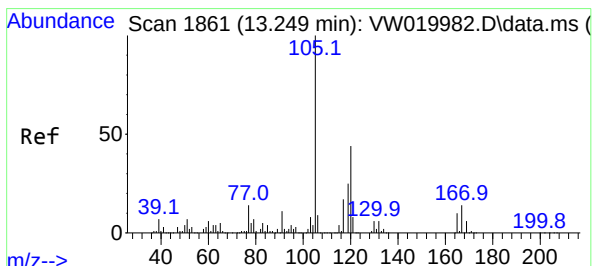
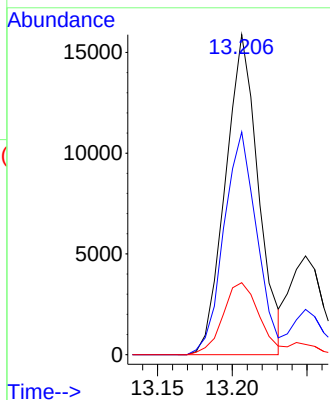
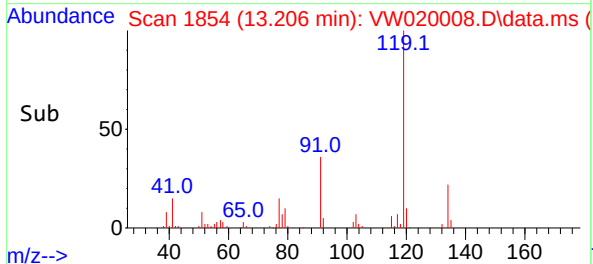
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



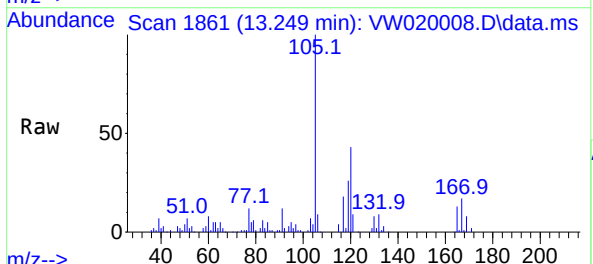
Tgt Ion:119 Resp: 24382
Ion Ratio Lower Upper
119 100
91 69.3 35.0 105.0
134 25.2 12.4 37.2

Manual Integrations
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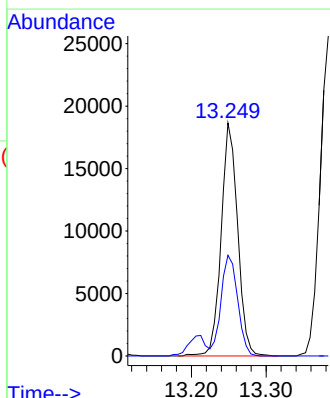
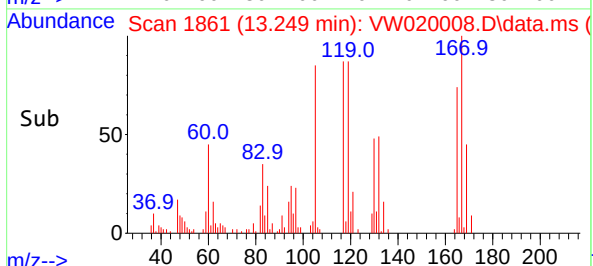
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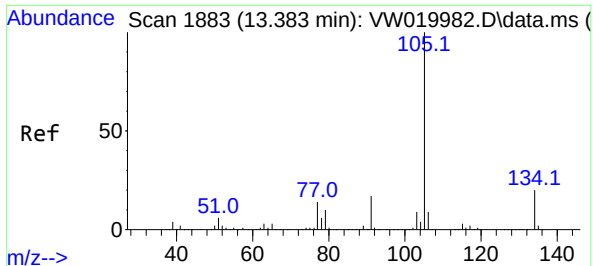


#84
1,2,4-Trimethylbenzene
Concen: 3.448 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



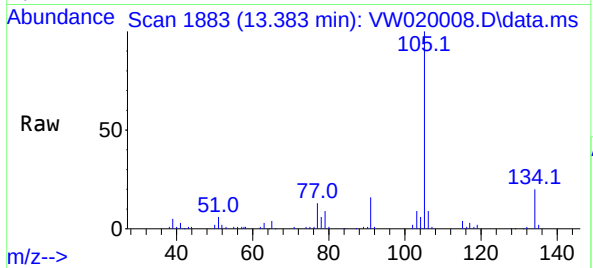
Tgt Ion:105 Resp: 28656
Ion Ratio Lower Upper
105 100
120 43.4 21.4 64.3





#85
sec-Butylbenzene
Concen: 3.638 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

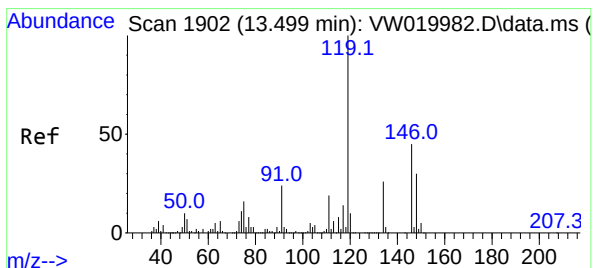
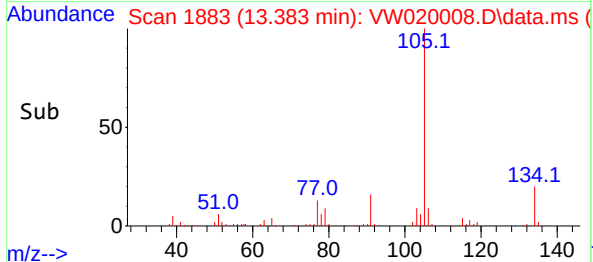
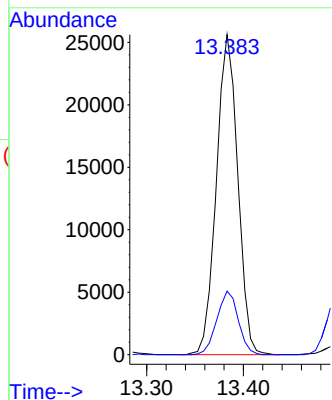
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



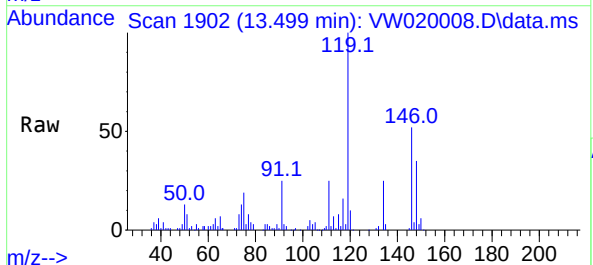
Tgt Ion:105 Resp: 39266
Ion Ratio Lower Upper
105 100
134 19.8 10.1 30.1

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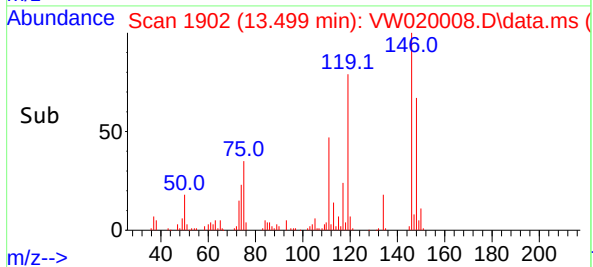
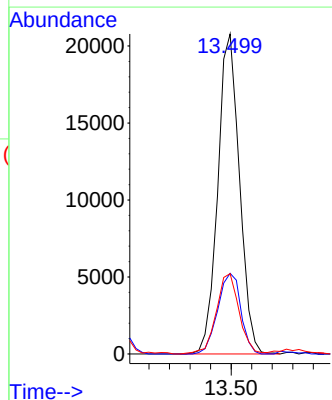
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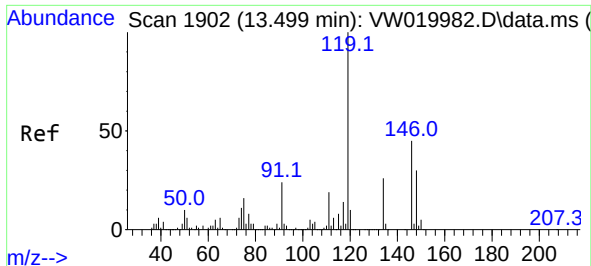


#86
p-Isopropyltoluene
Concen: 3.338 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



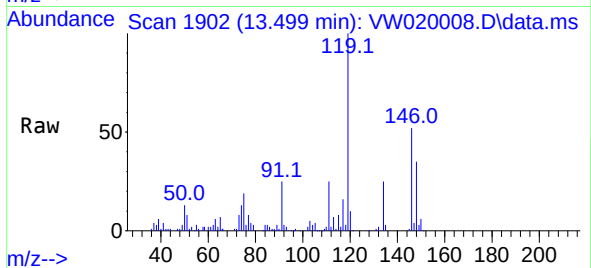
Tgt Ion:119 Resp: 30337
Ion Ratio Lower Upper
119 100
134 26.8 12.8 38.4
91 26.3 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 3.814 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

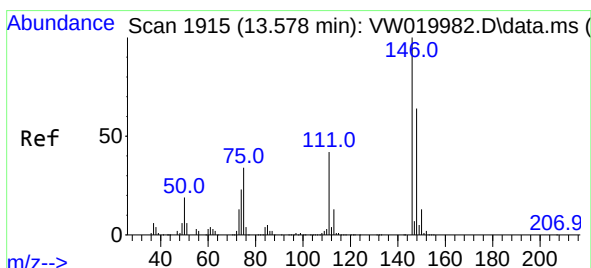
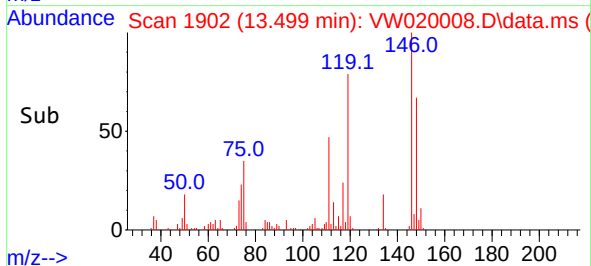
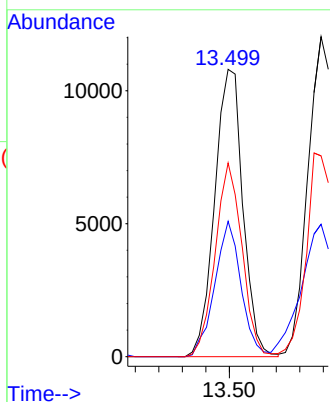
Instrument :
MSVOA_W
ClientSampleId :
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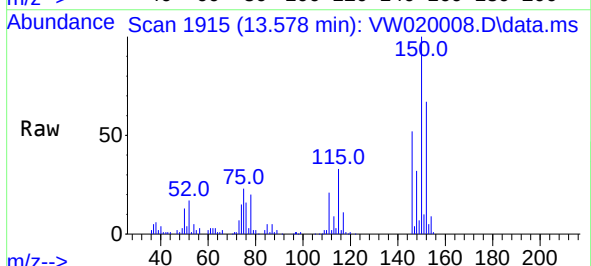
Tgt Ion:146 Resp: 18064
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 64.0 32.0 96.2

Manual Integrations
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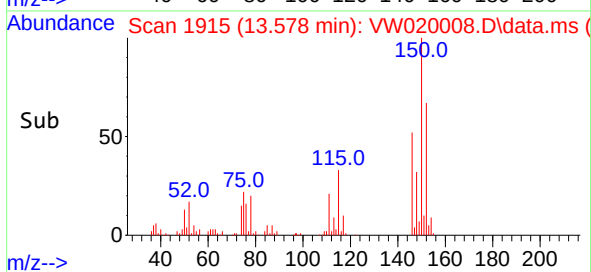
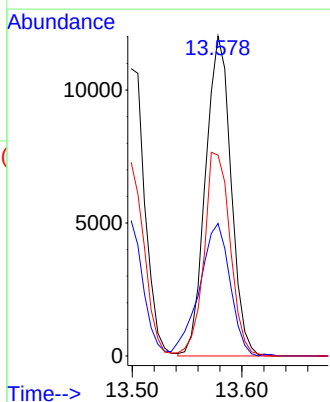
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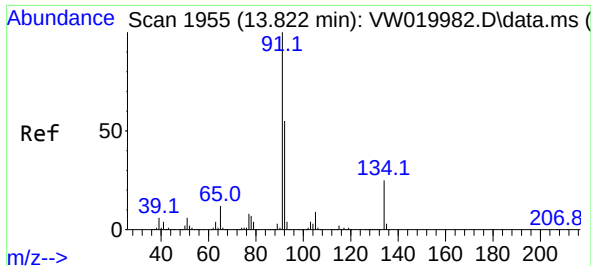


#88
1,4-Dichlorobenzene
Concen: 4.141 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



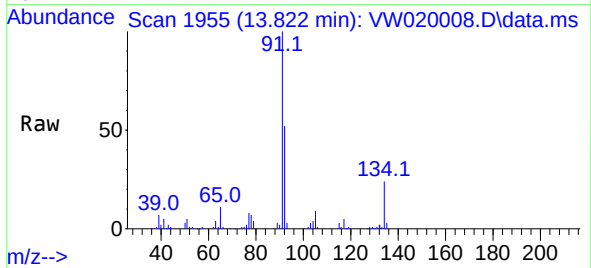
Tgt Ion:146 Resp: 19461
Ion Ratio Lower Upper
146 100
111 49.8 20.9 62.8
148 65.3 31.7 95.1





#89
n-Butylbenzene
Concen: 3.539 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

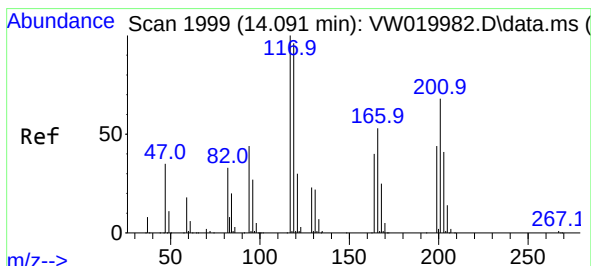
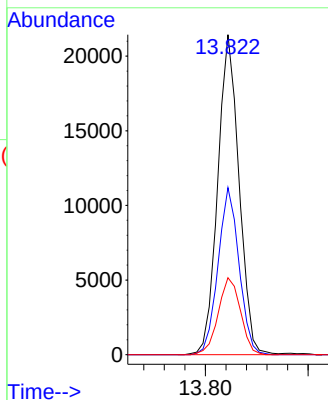
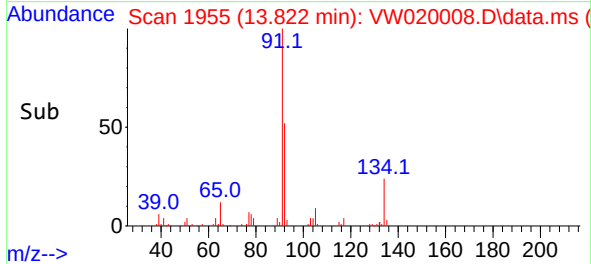
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



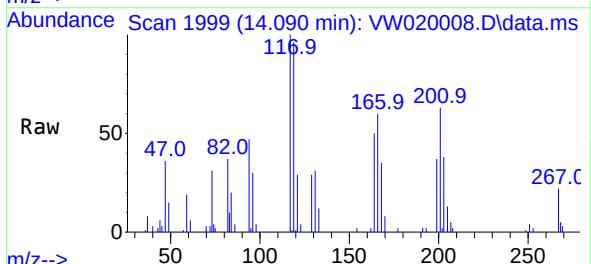
Tgt Ion: 91 Resp: 30813
Ion Ratio Lower Upper
91 100
92 51.5 27.1 81.3
134 25.2 12.4 37.2

Manual Integrations
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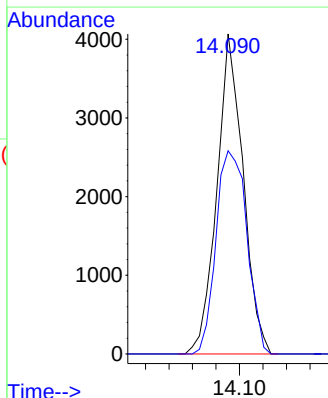
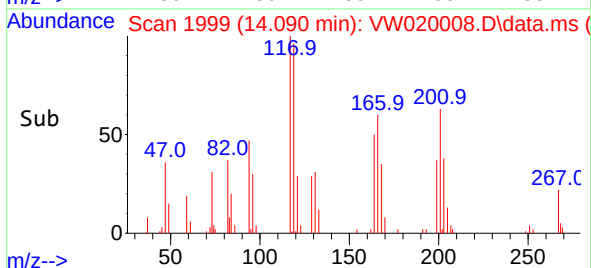
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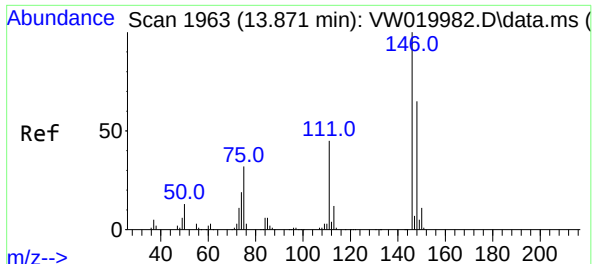


#90
Hexachloroethane
Concen: 3.630 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion: 117 Resp: 6305
Ion Ratio Lower Upper
117 100
201 74.7 34.7 104.1





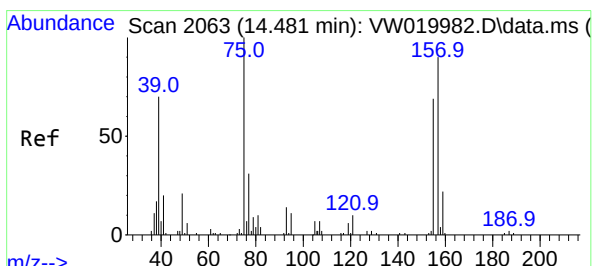
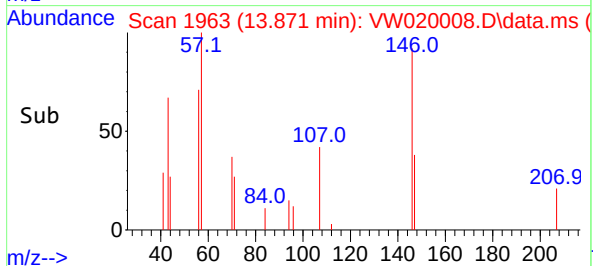
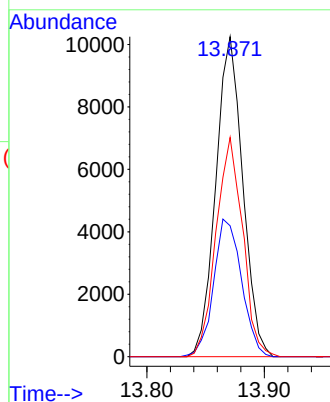
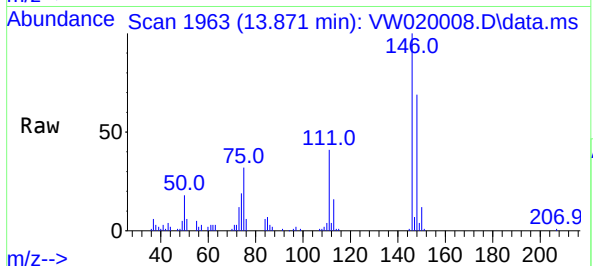
#91
1,2-Dichlorobenzene
Concen: 3.977 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	146	Resp:	16359
Ion Ratio	Lower	Upper	
146	100		
111	44.5	21.8	65.4
148	67.5	31.9	95.5

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

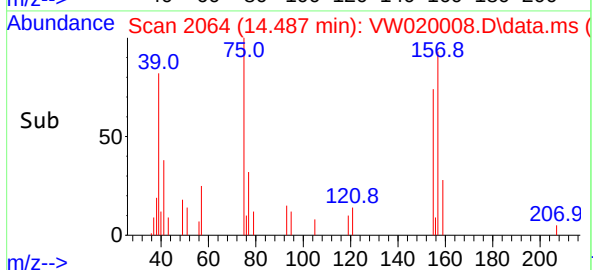
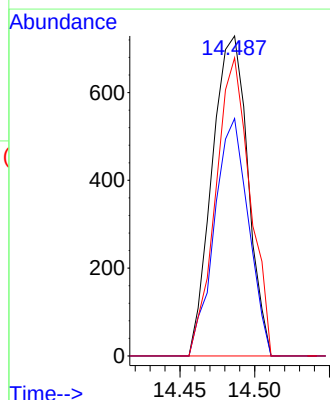
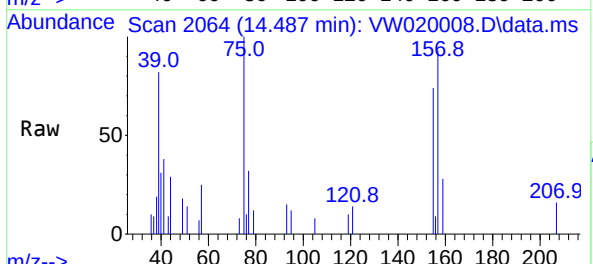
Manual Integrations
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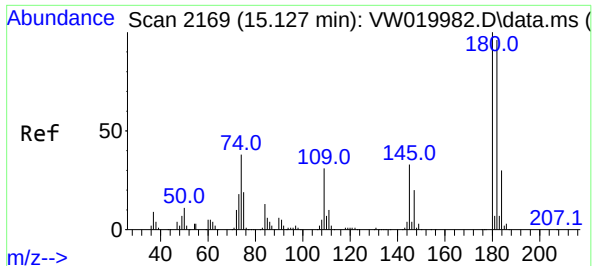
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.181 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

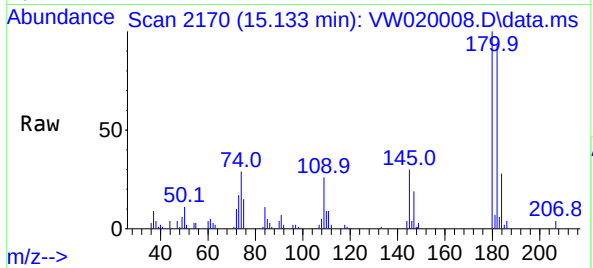
Tgt Ion:	75	Resp:	1213
Ion Ratio	Lower	Upper	
75	100		
155	70.4	37.6	112.9
157	89.4	47.6	142.8





#93
1,2,4-Trichlorobenzene
Concen: 3.921 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

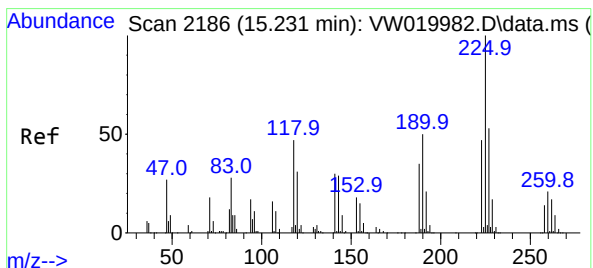
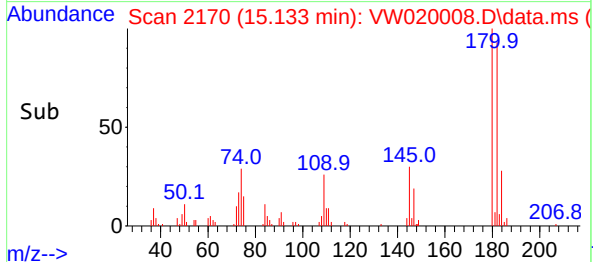
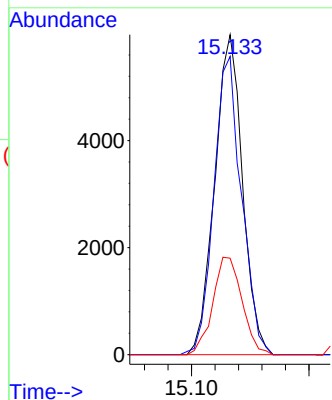
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



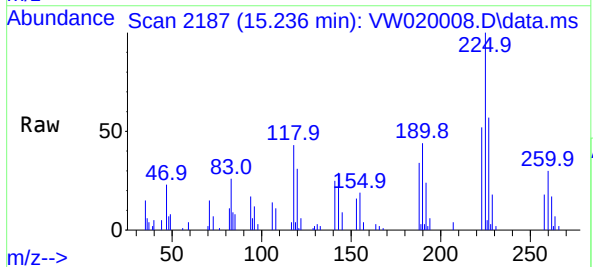
Tgt Ion:180 Resp: 9833
Ion Ratio Lower Upper
180 100
182 92.5 47.0 141.0
145 32.0 16.3 48.9

Manual Integrations
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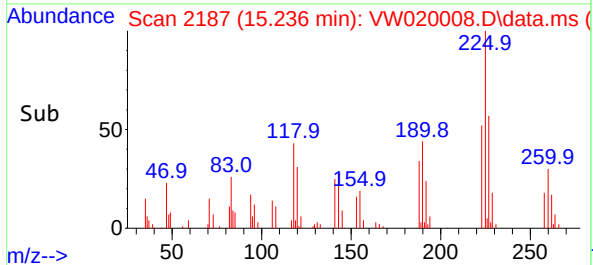
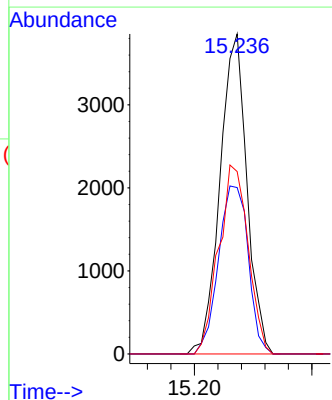
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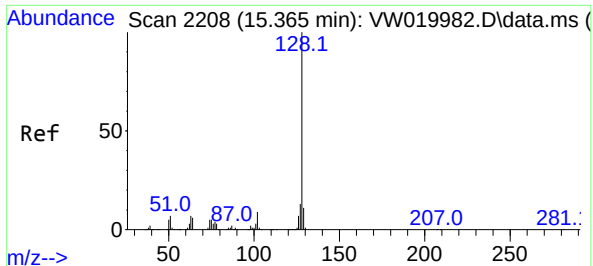


#94
Hexachlorobutadiene
Concen: 4.115 ug/l
RT: 15.236 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02



Tgt Ion:225 Resp: 6129
Ion Ratio Lower Upper
225 100
223 58.0 30.2 90.6
227 64.4 30.1 90.5





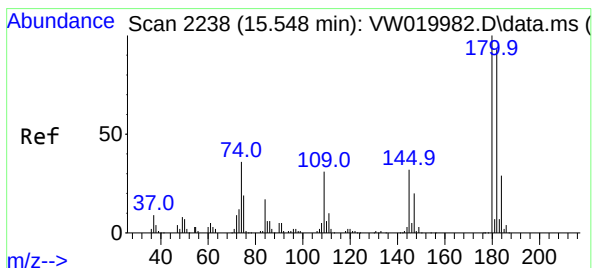
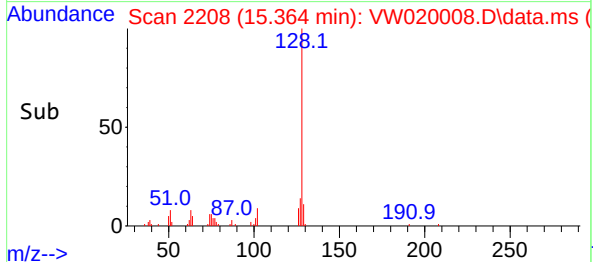
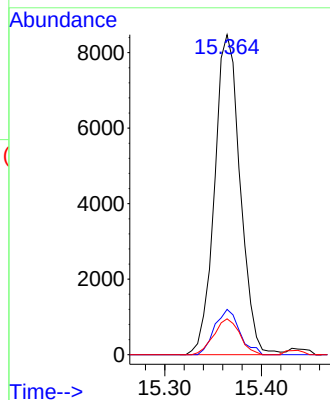
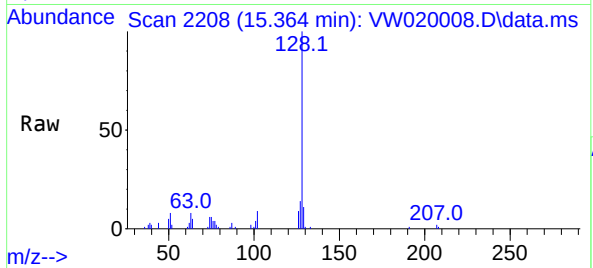
#95
Naphthalene
Concen: 3.587 ug/l
RT: 15.364 min Scan# 2208
Delta R.T. -0.001 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	128	Resp:	15563
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.4	15.6
129	11.4	8.7	13.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

Manual Integrations
APPROVED

MMDadoda
9/10/2021 6:38:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.939 ug/l
RT: 15.553 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020008.D
Acq: 09 Sep 2021 18:02

Tgt Ion:	180	Resp:	8659
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.9	143.7
145	33.4	16.4	49.2

