

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019991.D
 Acq On : 07 Sep 2021 18:54
 Operator : SY/VA
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 08 12:37:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:35:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	182121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	306154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	278470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	144052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	110800	52.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.820%			
35) Dibromofluoromethane	7.890	113	99380	49.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.860%			
50) Toluene-d8	10.329	98	372449	49.835	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.660%			
62) 4-Bromofluorobenzene	12.621	95	132164	47.793	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	5581	5.046	ug/l	94
3) Chloromethane	2.215	50	9008	5.472	ug/l	90
4) Vinyl Chloride	2.367	62	13676	5.123	ug/l	97
5) Bromomethane	2.782	94	11391	5.263	ug/l	94
6) Chloroethane	2.934	64	9135	4.968	ug/l	96
7) Trichlorofluoromethane	3.263	101	7079	4.635	ug/l	98
8) Diethyl Ether	3.690	74	4920	5.261	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.080	101	9957	4.993	ug/l	98
10) Methyl Iodide	4.281	142	13797	5.052	ug/l	98
11) Tert butyl alcohol	5.171	59	3154	31.167	ug/l #	91
12) 1,1-Dichloroethene	4.050	96	9189	4.890	ug/l	89
13) Acrolein	3.903	56	2434	31.565	ug/l	97
14) Allyl chloride	4.678	41	12254	4.795	ug/l	100
15) Acrylonitrile	5.379	53	10474	26.875	ug/l	99
16) Acetone	4.135	43	9841	28.980	ug/l	92
17) Carbon Disulfide	4.397	76	27798	4.861	ug/l	99
18) Methyl Acetate	4.678	43	5648	5.859	ug/l	97
19) Methyl tert-butyl Ether	5.427	73	12579	5.074	ug/l	99
20) Methylene Chloride	4.921	84	23536	9.217	ug/l	93
21) trans-1,2-Dichloroethene	5.434	96	10746	5.035	ug/l	84
22) Diisopropyl ether	6.311	45	24644	4.551	ug/l #	91
23) Vinyl Acetate	6.263	43	65217	22.074	ug/l	99
24) 1,1-Dichloroethane	6.220	63	19505	5.086	ug/l	98
25) 2-Butanone	7.177	43	12702	26.090	ug/l	93
26) 2,2-Dichloropropane	7.171	77	11123	4.797	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	11203	4.915	ug/l	99
28) Bromochloromethane	7.512	49	8168	5.366	ug/l	100
29) Tetrahydrofuran	7.537	42	8247	27.228	ug/l	94
30) Chloroform	7.683	83	20919	5.177	ug/l	94
31) Cyclohexane	7.957	56	19525	5.665	ug/l #	77
32) 1,1,1-Trichloroethane	7.872	97	15966	4.883	ug/l	96
36) 1,1-Dichloropropene	8.085	75	15149	4.704	ug/l	99
37) Ethyl Acetate	7.262	43	5960	5.033	ug/l	98
38) Carbon Tetrachloride	8.079	117	15245	4.642	ug/l	90
39) Methylcyclohexane	9.341	83	16303	4.368	ug/l	96
40) Benzene	8.329	78	43445	4.897	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	2845	4.341	ug/l	91
42) 1,2-Dichloroethane	8.403	62	13750	5.048	ug/l	100
43) Isopropyl Acetate	8.427	43	11057	4.920	ug/l	98
44) Trichloroethene	9.098	130	11225	4.822	ug/l	97
45) 1,2-Dichloropropane	9.372	63	10204	4.730	ug/l	95
46) Dibromomethane	9.463	93	6055	4.976	ug/l	97
47) Bromodichloromethane	9.652	83	14234	4.695	ug/l	95
48) Methyl methacrylate	9.439	41	4383	4.458	ug/l	92
49) 1,4-Dioxane	9.457	88	1536	98.822	ug/l #	100
51) 4-Methyl-2-Pentanone	10.213	43	28090	24.106	ug/l	99
52) Toluene	10.390	92	27301	4.861	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	13000	4.470	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	15065	4.449	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	8689	5.269	ug/l	96
56) Ethyl methacrylate	10.652	69	8331	4.516	ug/l	97
57) 1,3-Dichloropropane	10.933	76	13545	4.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	20165	23.945	ug/l	98
59) 2-Hexanone	10.969	43	18529	23.794	ug/l	97
60) Dibromochloromethane	11.128	129	8689	4.551	ug/l	100
61) 1,2-Dibromoethane	11.237	107	7643	4.949	ug/l	100
64) Tetrachloroethene	10.865	164	9014	4.665	ug/l	97
65) Chlorobenzene	11.658	112	28418	4.748	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	9798	4.593	ug/l	97
67) Ethyl Benzene	11.731	91	48300	4.574	ug/l	98
68) m/p-Xylenes	11.841	106	36940	8.864	ug/l	96
69) o-Xylene	12.170	106	16278	4.263	ug/l	99
70) Styrene	12.182	104	26191	4.048	ug/l	97
71) Bromoform	12.353	173	4729	4.503	ug/l #	99
73) Isopropylbenzene	12.463	105	43120	4.231	ug/l	100
74) N-amyl acetate	12.274	43	9101	4.351	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.719	83	9508	5.080	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	8042m	6.010	ug/l	
77) Bromobenzene	12.743	156	11486	4.858	ug/l	99
78) n-propylbenzene	12.804	91	56862	4.430	ug/l	97
79) 2-Chlorotoluene	12.890	91	33353	4.465	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	38072	4.238	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2317	4.192	ug/l	93
82) 4-Chlorotoluene	12.987	91	36248	4.615	ug/l	99
83) tert-Butylbenzene	13.207	119	30934	4.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	37338	4.244	ug/l	96
85) sec-Butylbenzene	13.383	105	50095	4.384	ug/l	100
86) p-Isopropyltoluene	13.499	119	39660	4.122	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	23978	4.783	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	24770	4.978	ug/l	96
89) n-Butylbenzene	13.822	91	38173	4.142	ug/l	99
90) Hexachloroethane	14.091	117	8143	4.429	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	21246	4.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1730	5.633	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	12134	4.570	ug/l	95
94) Hexachlorobutadiene	15.231	225	7857	4.983	ug/l	95
95) Naphthalene	15.365	128	20902	4.551	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	11584	4.978	ug/l	96

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

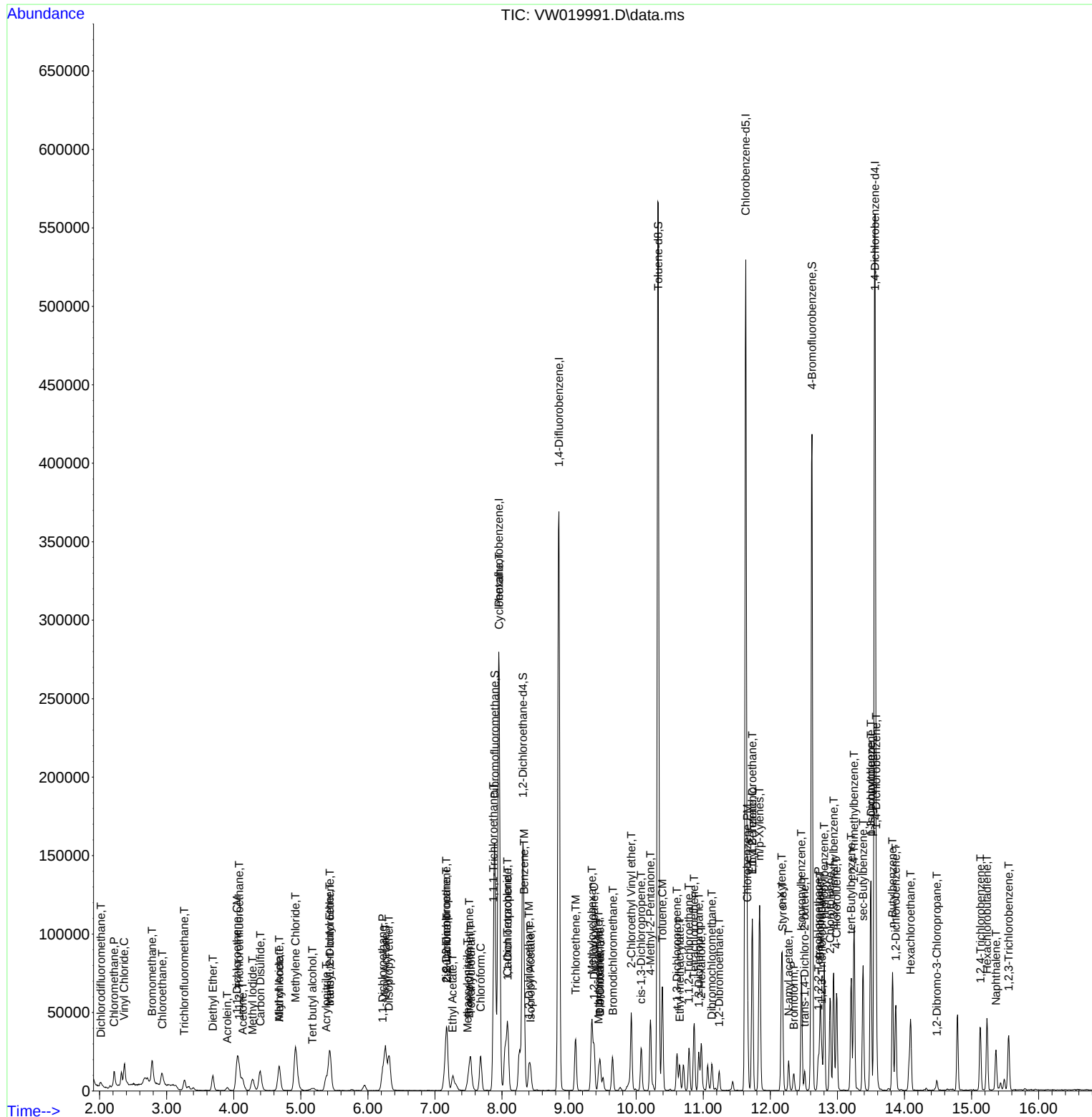
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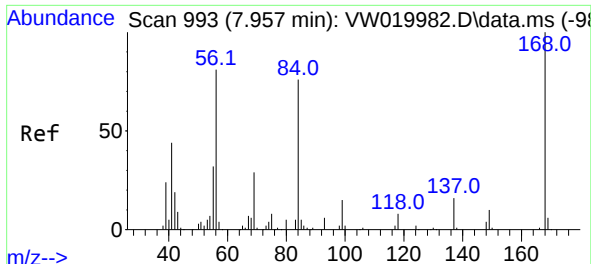
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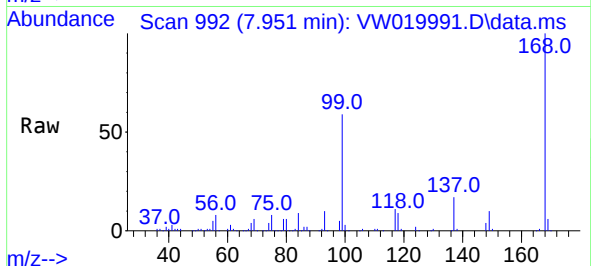
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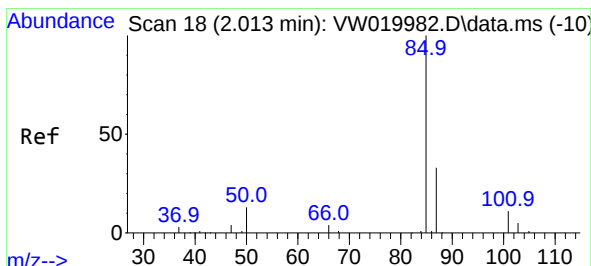
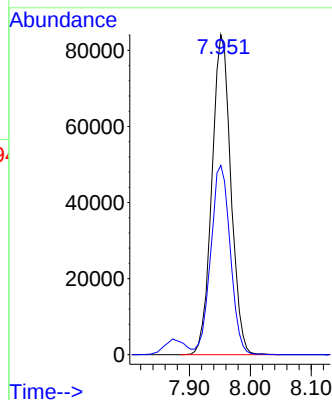
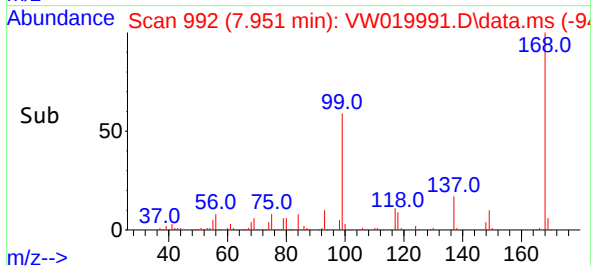




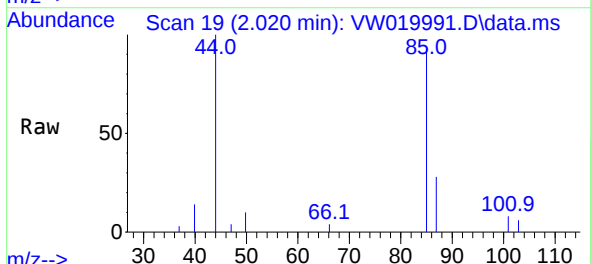
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



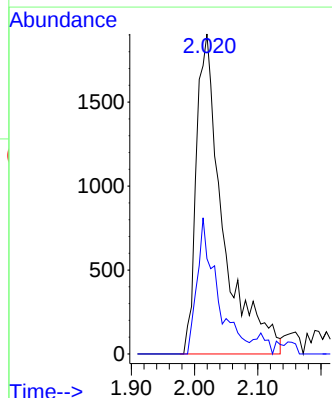
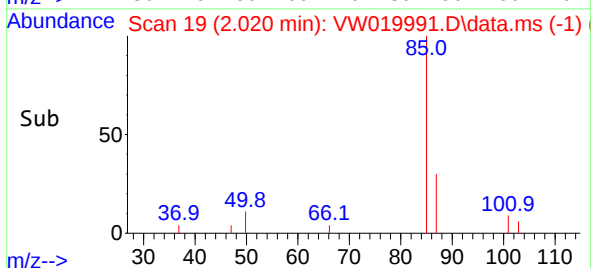
Tgt Ion: 168 Resp: 182121
Ion Ratio Lower Upper
168 100
99 59.1 42.9 64.3



#2
Dichlorodifluoromethane
Concen: 5.046 ug/l
RT: 2.020 min Scan# 19
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



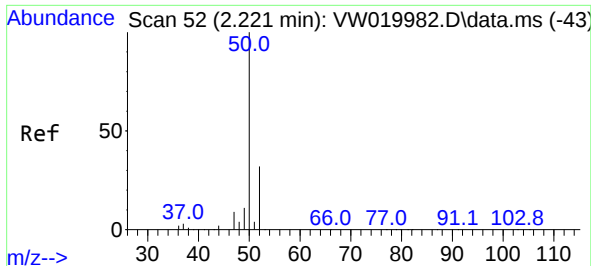
Tgt Ion: 85 Resp: 5581
Ion Ratio Lower Upper
85 100
87 29.8 16.7 50.0



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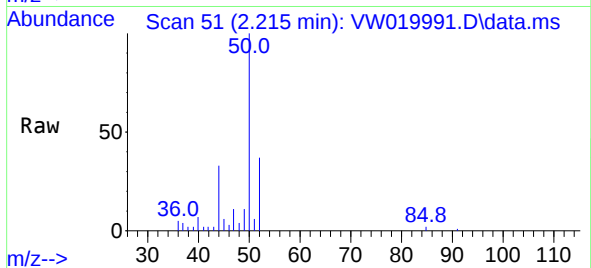
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#3
Chloromethane
Concen: 5.472 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

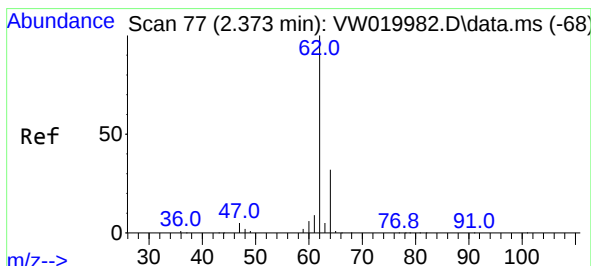
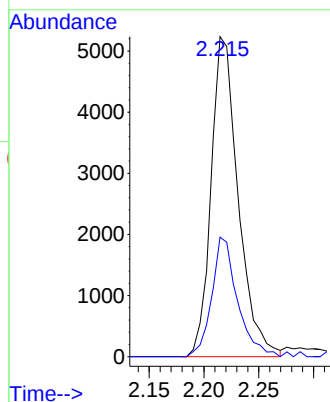
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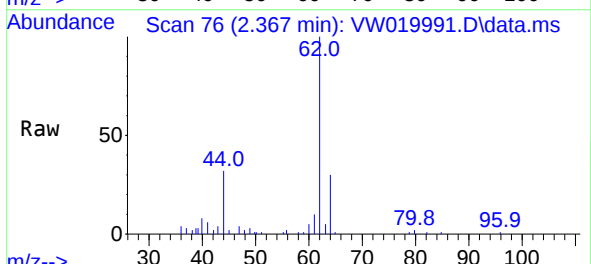
Tgt Ion: 50 Resp: 9008
Ion Ratio Lower Upper
50 100
52 37.3 25.5 38.3

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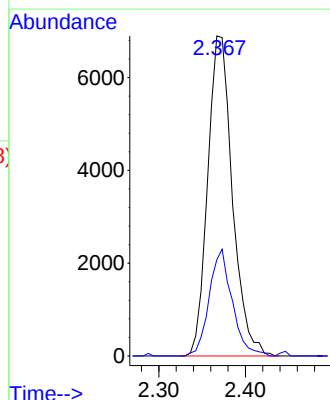
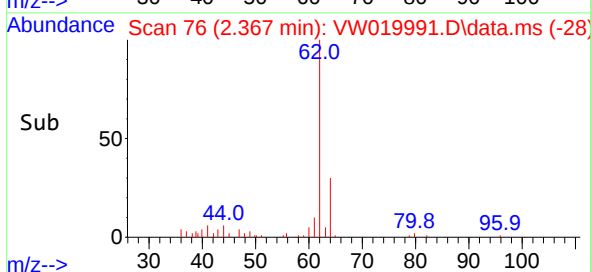
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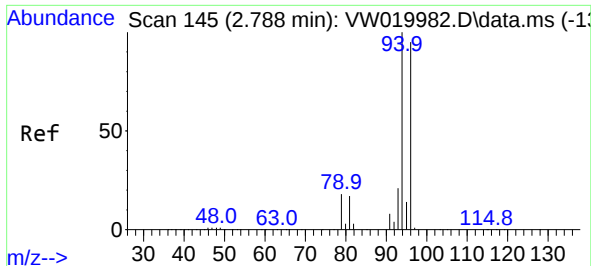


#4
Vinyl Chloride
Concen: 5.123 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



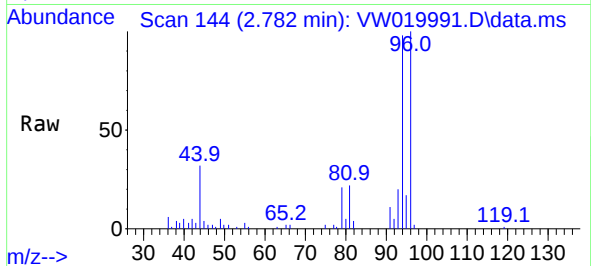
Tgt Ion: 62 Resp: 13676
Ion Ratio Lower Upper
62 100
64 30.1 25.3 37.9





#5
Bromomethane
Concen: 5.263 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

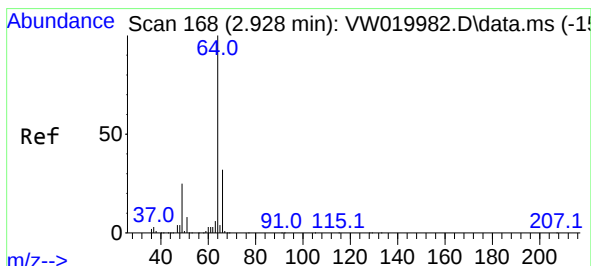
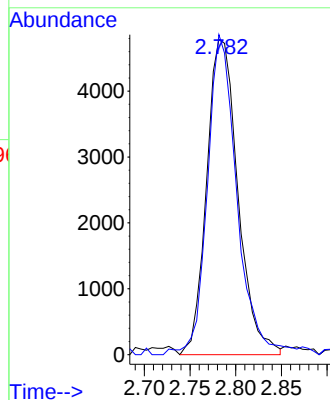
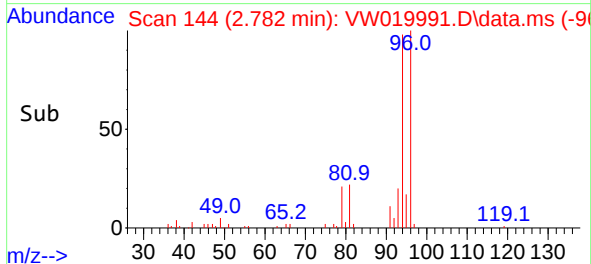
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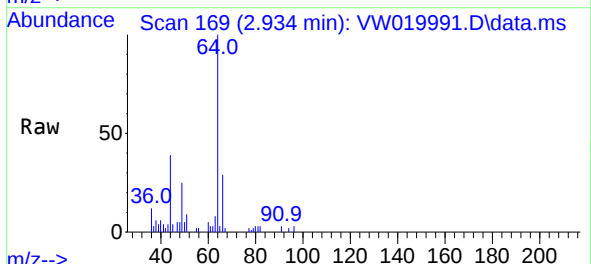
Tgt Ion: 94 Resp: 11391
Ion Ratio Lower Upper
94 100
96 100.0 75.7 113.5

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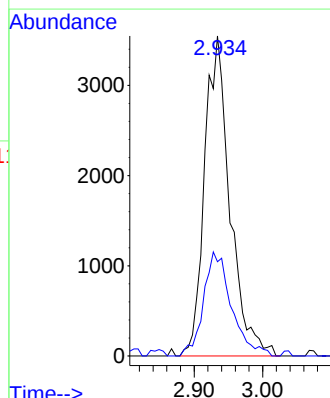
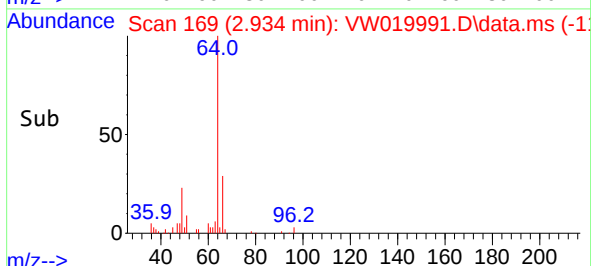
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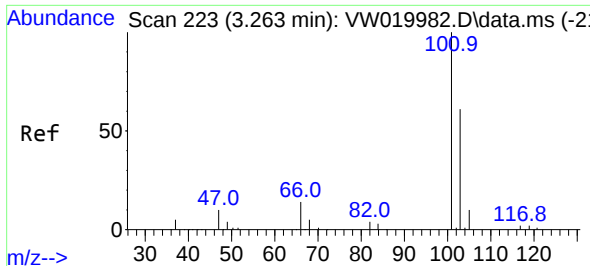


#6
Chloroethane
Concen: 4.968 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 64 Resp: 9135
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2





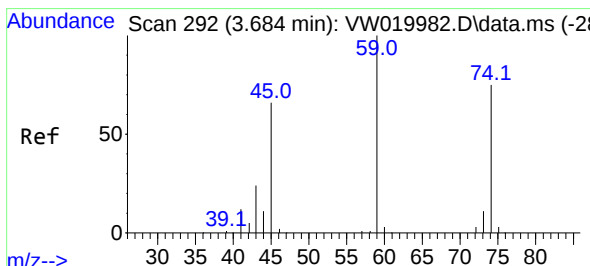
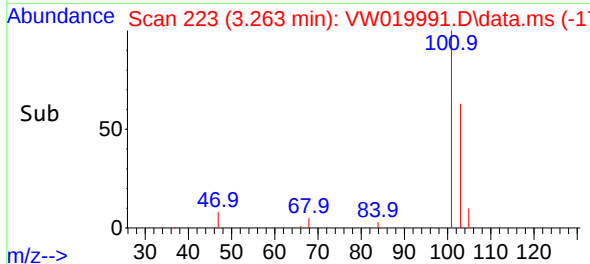
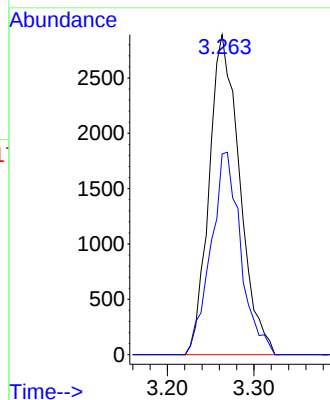
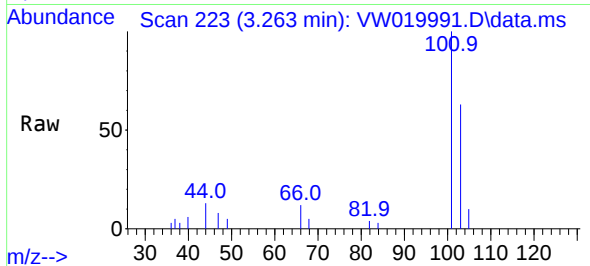
#7
 Trichlorofluoromethane
 Concen: 4.635 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: VW019991.D
 Acq: 07 Sep 2021 18:54

Tgt Ion: 101 Resp: 7079
 Ion Ratio Lower Upper
 101 100
 103 62.7 48.8 73.2

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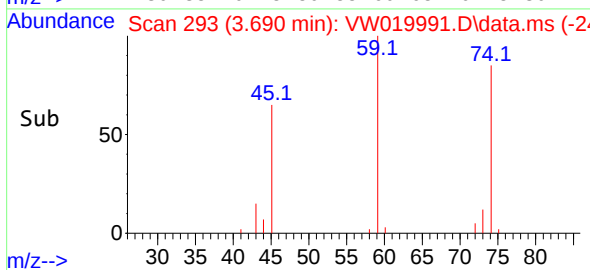
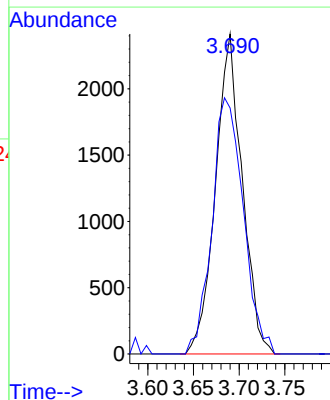
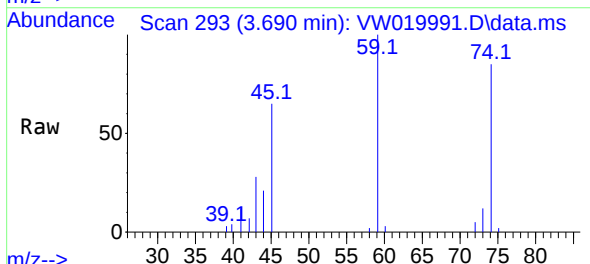
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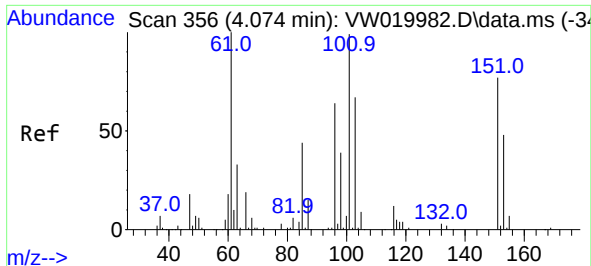
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#8
 Diethyl Ether
 Concen: 5.261 ug/l
 RT: 3.690 min Scan# 293
 Delta R.T. 0.006 min
 Lab File: VW019991.D
 Acq: 07 Sep 2021 18:54

Tgt Ion: 74 Resp: 4920
 Ion Ratio Lower Upper
 74 100
 45 93.4 44.5 133.7





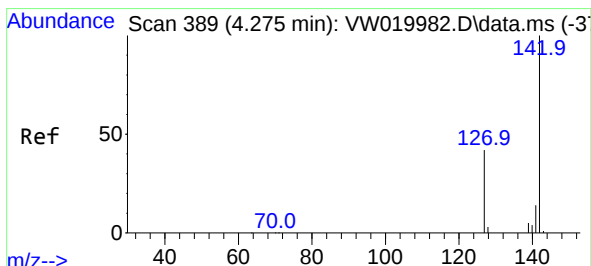
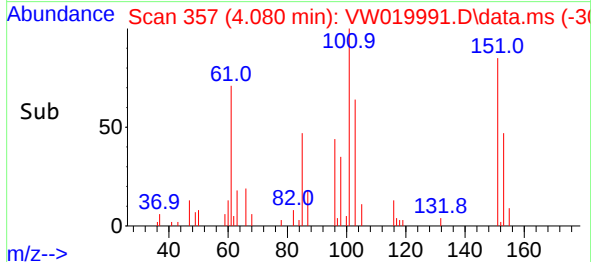
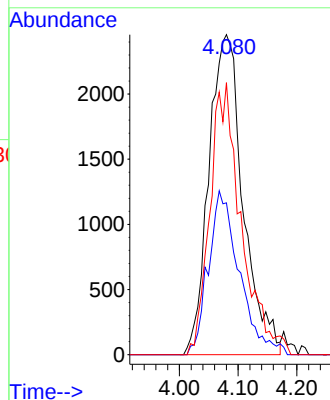
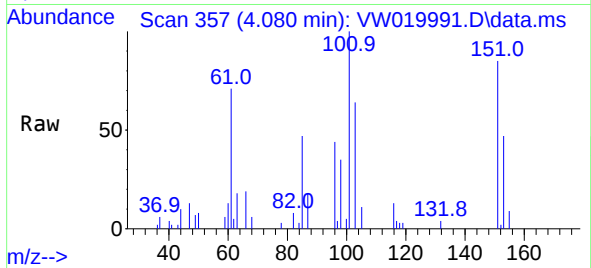
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.993 ug/l
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	101	Resp:	9957
Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.6	54.8
151	77.6	59.9	89.9

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

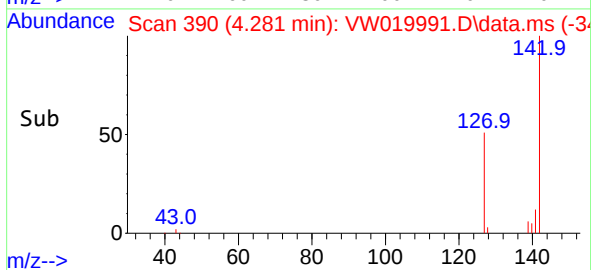
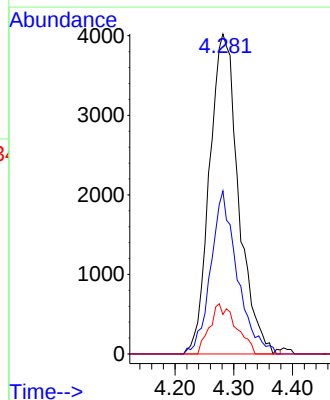
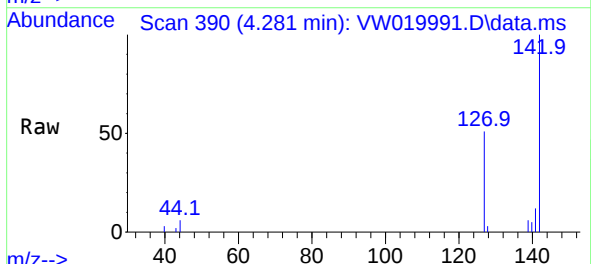
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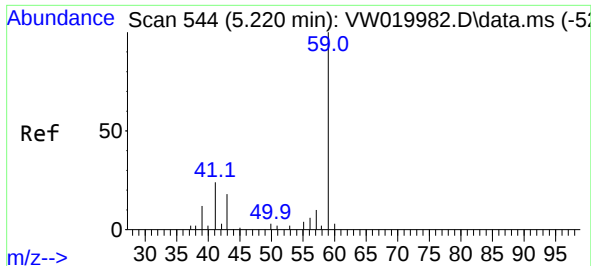
MMDadoda
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#10
Methyl Iodide
Concen: 5.052 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	142	Resp:	13797
Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.4	54.6
141	14.2	11.8	17.8





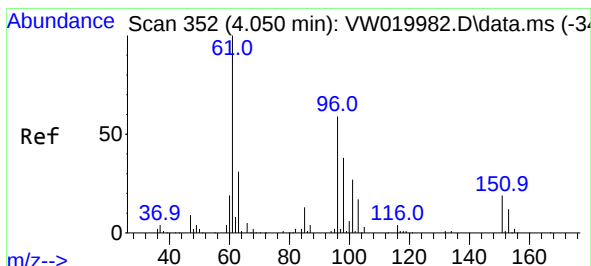
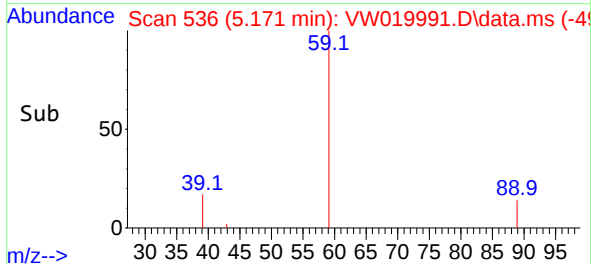
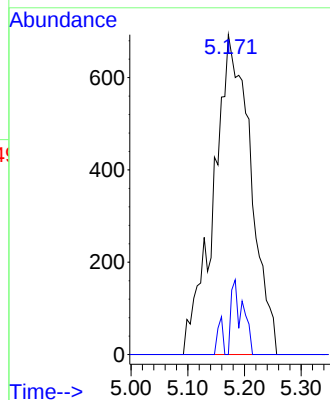
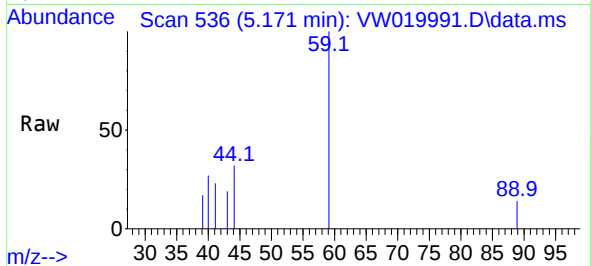
#11
Tert butyl alcohol
Concen: 31.167 ug/l
RT: 5.171 min Scan# 536
Delta R.T. -0.049 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 59 Resp: 3154
Ion Ratio Lower Upper
59 100
57 7.3 8.4 12.6#

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

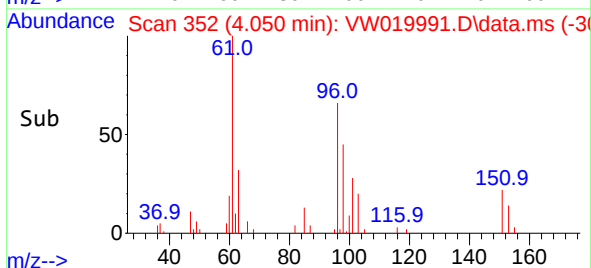
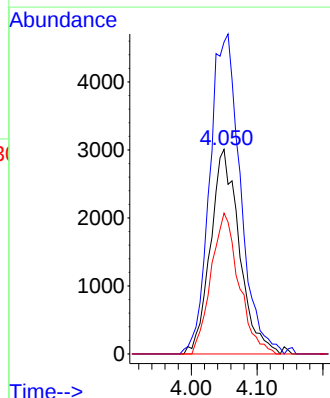
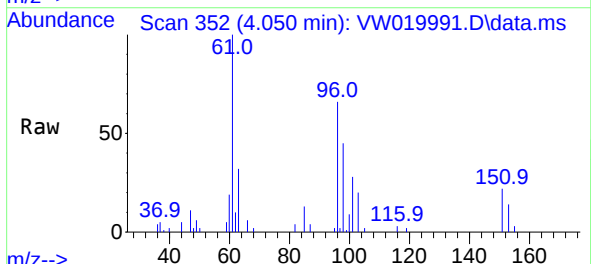
Manual Integrations
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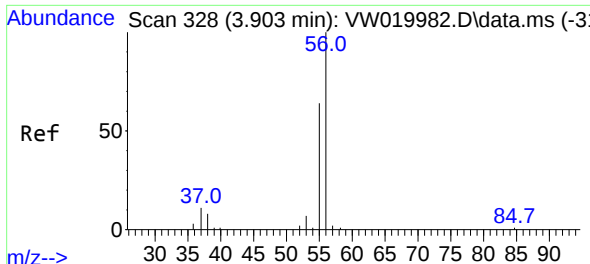
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#12
1,1-Dichloroethene
Concen: 4.890 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

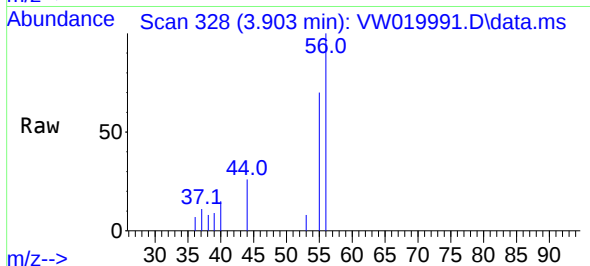
Tgt Ion: 96 Resp: 9189
Ion Ratio Lower Upper
96 100
61 152.4 136.0 204.0
98 68.8 51.5 77.3





#13
Acrolein
Concen: 31.565 ug/l
RT: 3.903 min Scan# 328
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

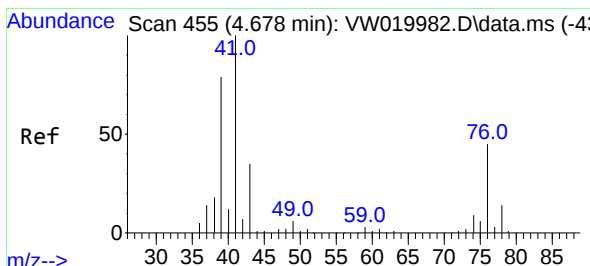
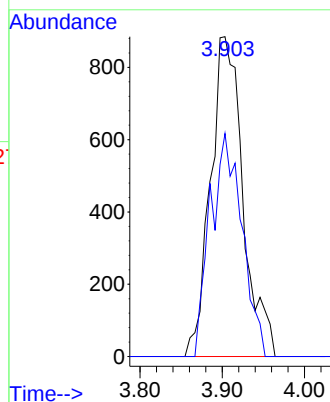
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



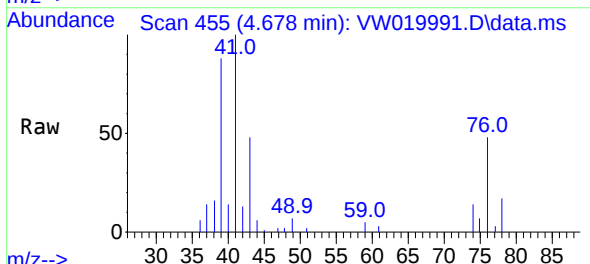
Tgt Ion: 56 Resp: 2434
Ion Ratio Lower Upper
56 100
55 67.9 56.2 84.2

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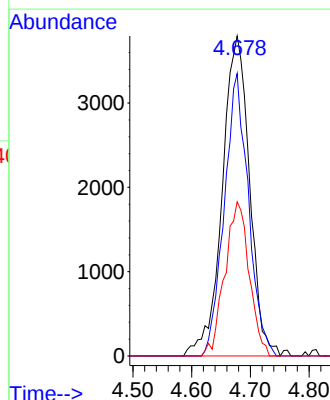
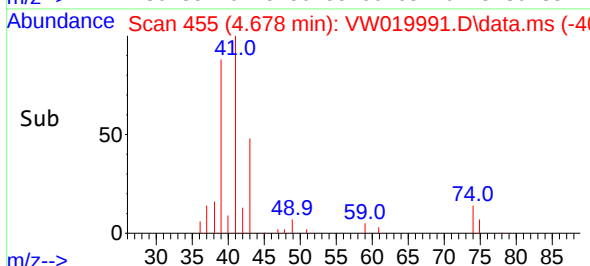
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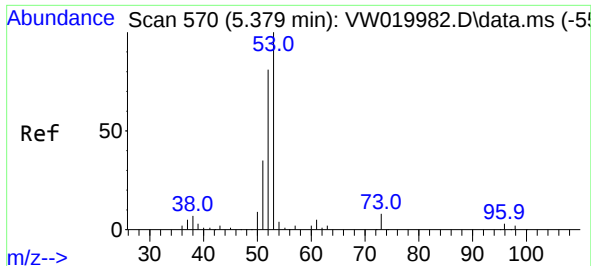


#14
Allyl chloride
Concen: 4.795 ug/l
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 41 Resp: 12254
Ion Ratio Lower Upper
41 100
39 78.1 62.5 93.7
76 42.9 33.8 50.8





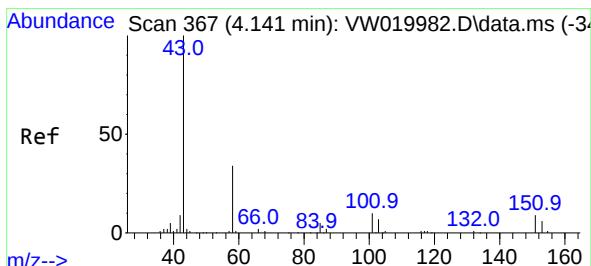
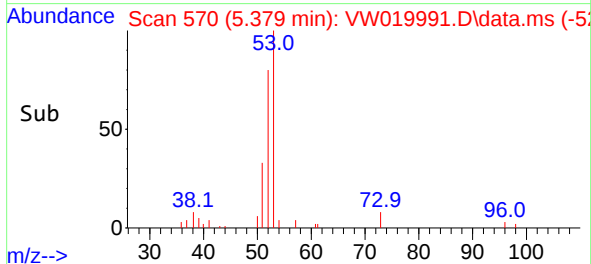
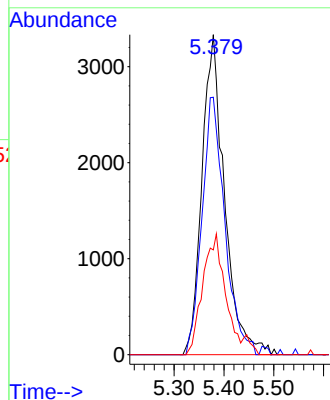
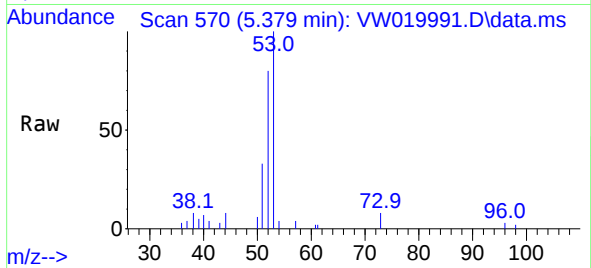
#15
Acrylonitrile
Concen: 26.875 ug/l
RT: 5.379 min Scan# 570
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	53	Resp:	10474
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.9	98.9
51	37.5	29.8	44.8

Instrument :
MSVOA_W
ClientSampleId :
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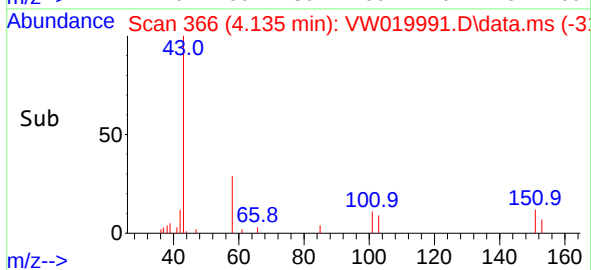
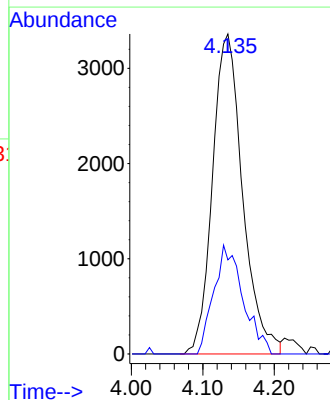
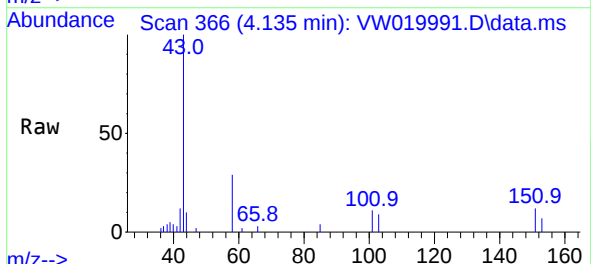
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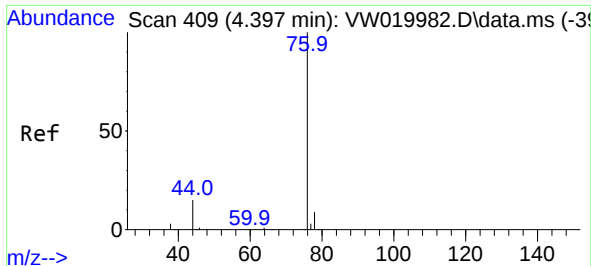
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#16
Acetone
Concen: 28.980 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	43	Resp:	9841
Ion	Ratio	Lower	Upper
43	100		
58	29.4	27.2	40.8





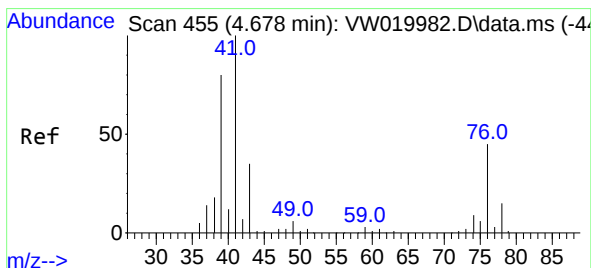
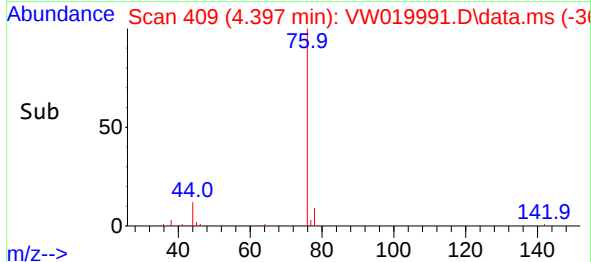
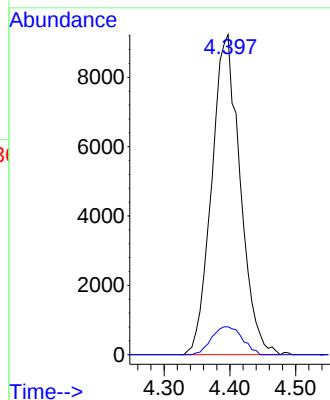
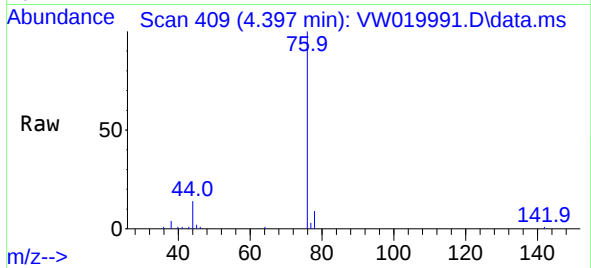
#17
Carbon Disulfide
Concen: 4.861 ug/l
RT: 4.397 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 76 Resp: 27798
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

Instrument :
MSVOA_W
ClientSampleId :
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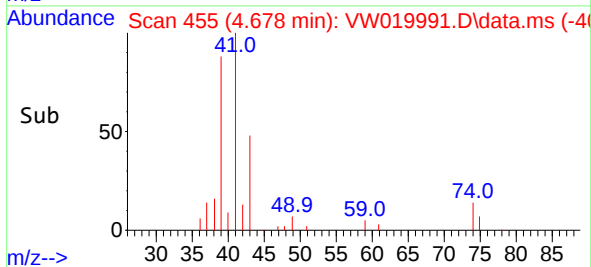
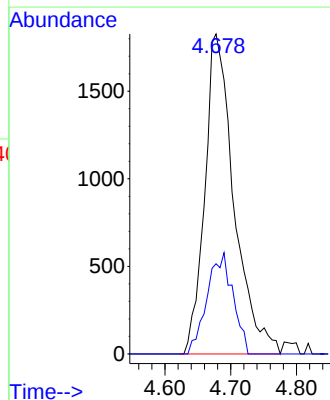
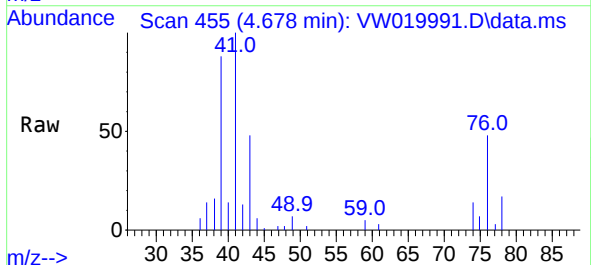
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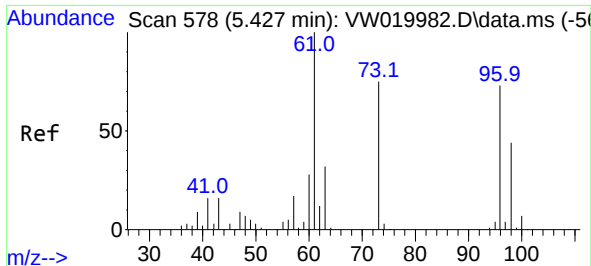
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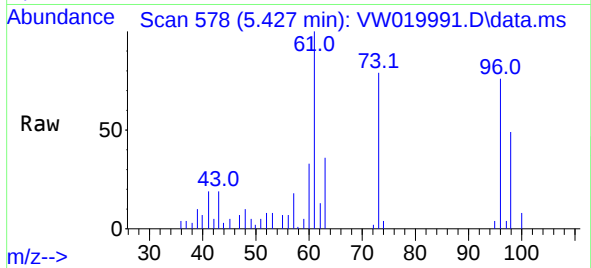
#18
Methyl Acetate
Concen: 5.859 ug/l
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 43 Resp: 5648
Ion Ratio Lower Upper
43 100
74 27.9 21.0 31.6

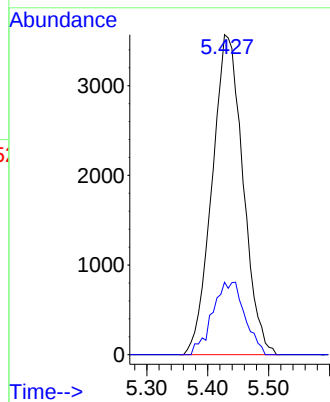
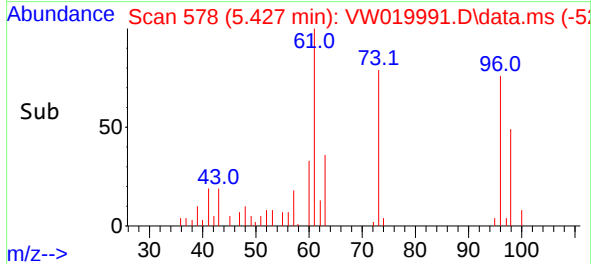




#19
Methyl tert-butyl Ether
Concen: 5.074 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



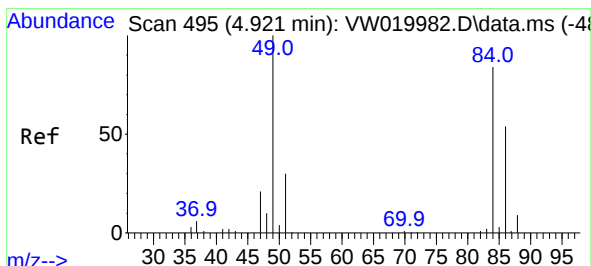
Tgt Ion: 73 Resp: 12579
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



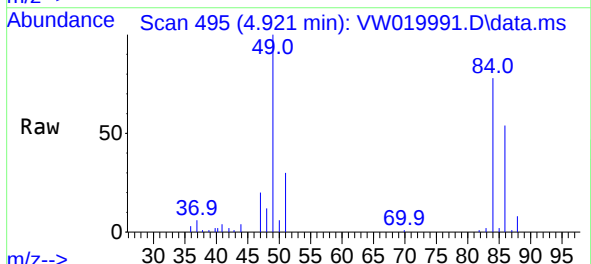
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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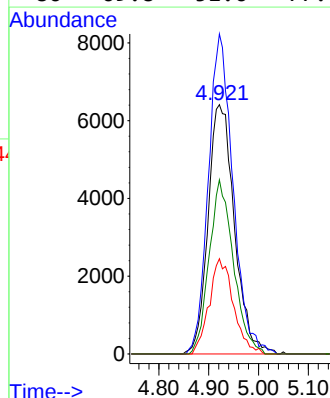
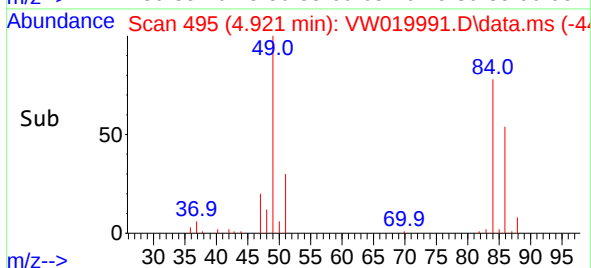
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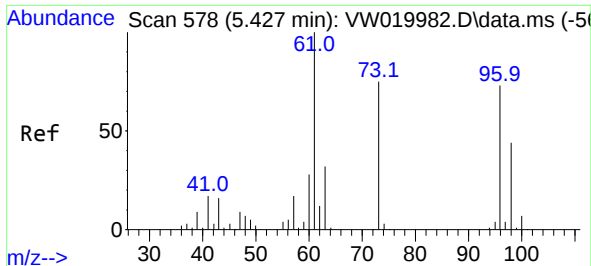


#20
Methylene Chloride
Concen: 9.217 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

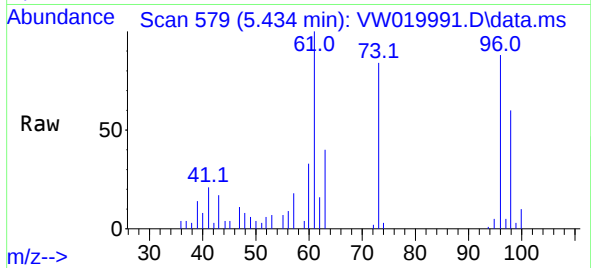


Tgt Ion: 84 Resp: 23536
Ion Ratio Lower Upper
84 100
49 128.4 95.4 143.0
51 38.2 28.9 43.3
86 69.8 51.6 77.4



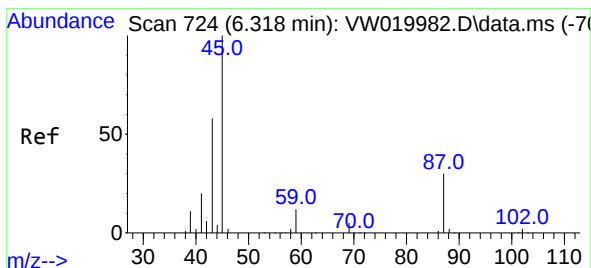
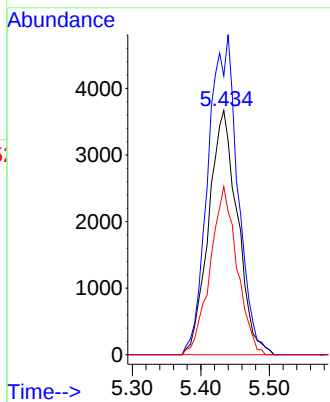
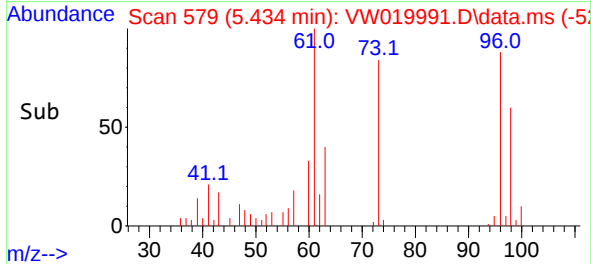


#21
trans-1,2-Dichloroethene
Concen: 5.035 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

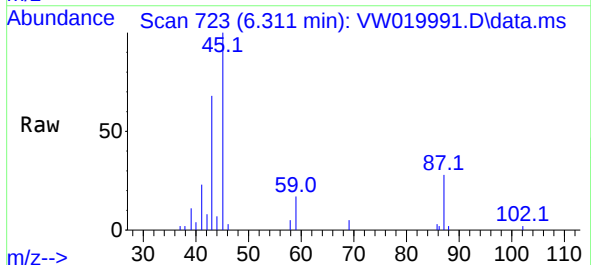


Tgt Ion: 96 Resp: 10746

Ion	Ratio	Lower	Upper
96	100		
61	114.2	109.3	163.9
98	68.8	48.3	72.5

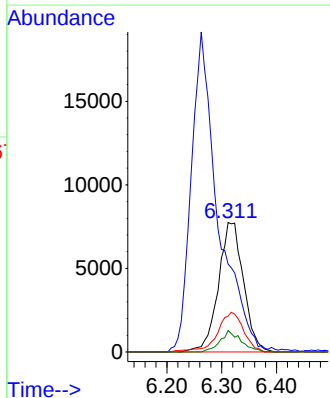
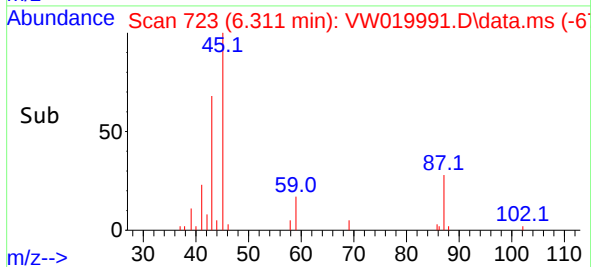


#22
Diisopropyl ether
Concen: 4.551 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 45 Resp: 24644

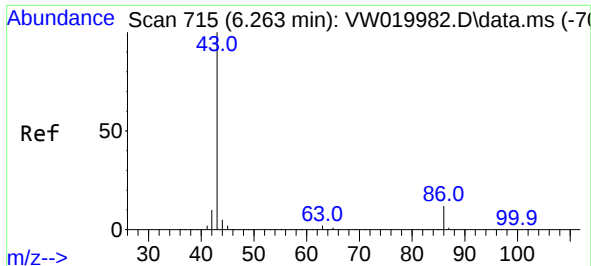
Ion	Ratio	Lower	Upper
45	100		
43	66.6	46.8	70.2
87	27.7	24.3	36.5
59	16.5	10.1	15.1



Instrument :
MSVOA_W
ClientSampleId :
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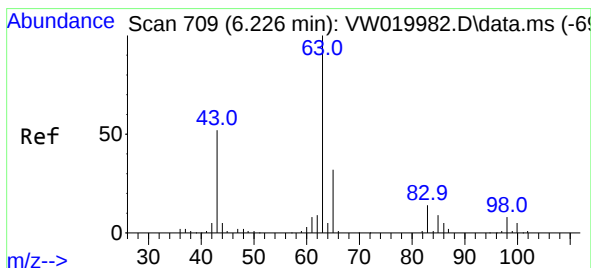
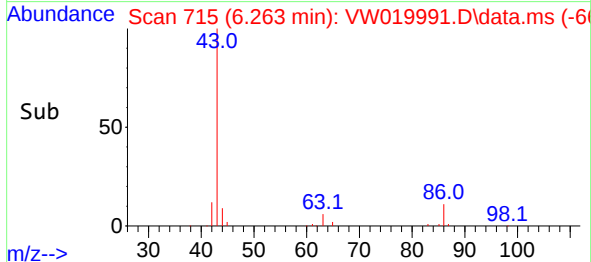
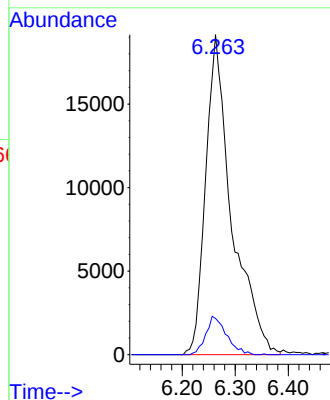
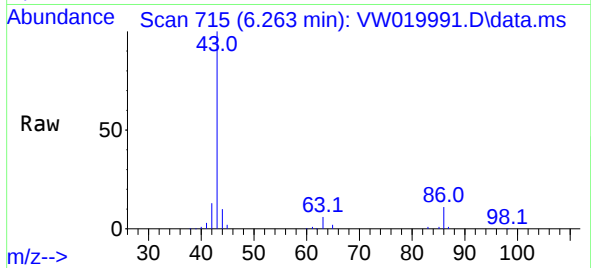
#23
 Vinyl Acetate
 Concen: 22.074 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW019991.D
 Acq: 07 Sep 2021 18:54

Tgt Ion: 43 Resp: 65217
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.3 13.9

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

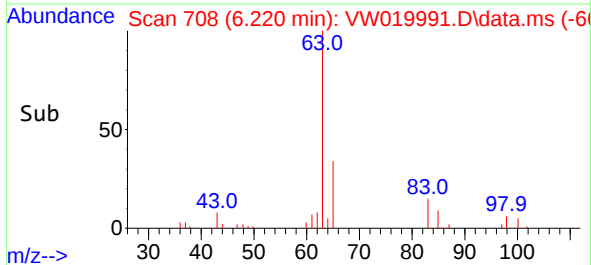
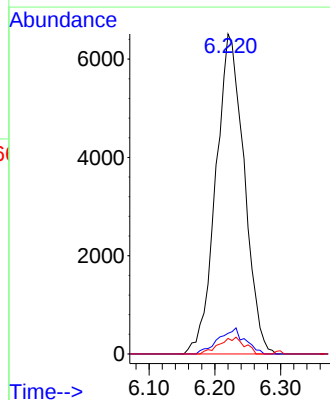
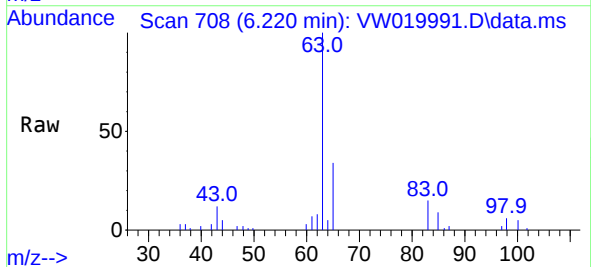
Manual Integrations
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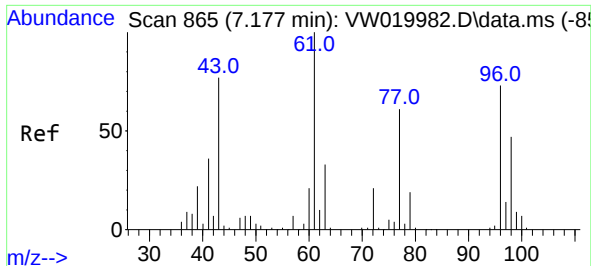
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#24
 1,1-Dichloroethane
 Concen: 5.086 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW019991.D
 Acq: 07 Sep 2021 18:54

Tgt Ion: 63 Resp: 19505
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.9 2.5 7.4





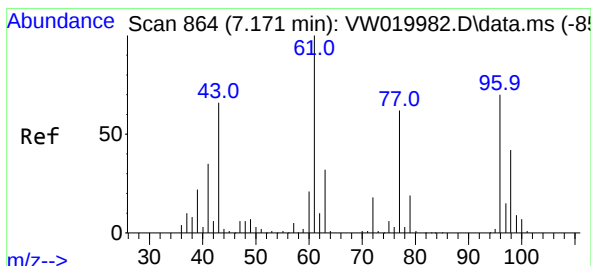
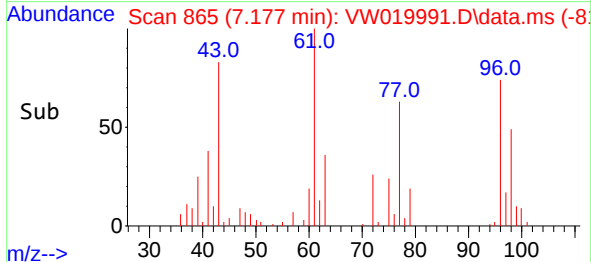
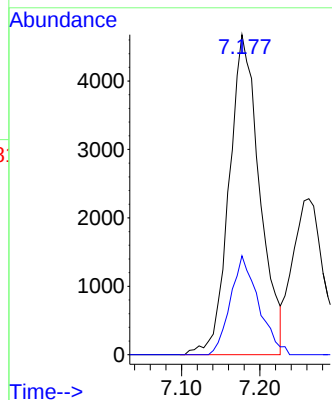
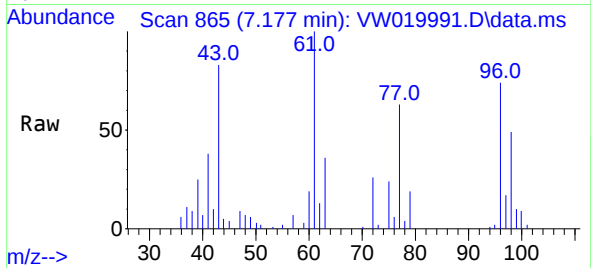
#25
2-Butanone
Concen: 26.090 ug/l
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 43 Resp: 12702
Ion Ratio Lower Upper
43 100
72 30.9 21.9 32.9

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

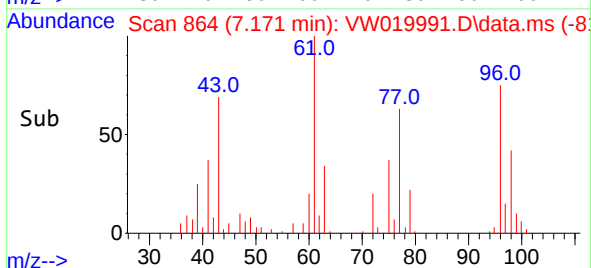
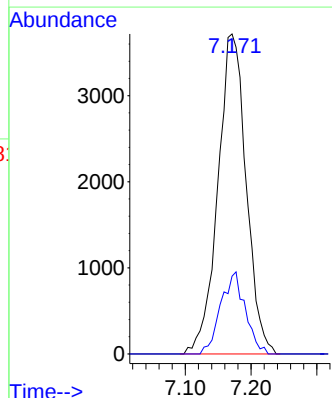
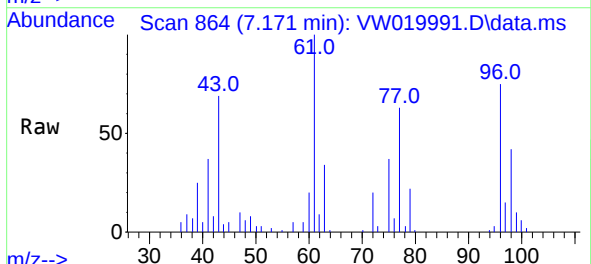
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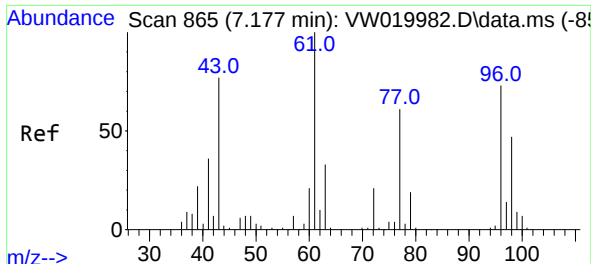
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#26
2,2-Dichloropropane
Concen: 4.797 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 77 Resp: 11123
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.915 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VW019991.D
 Acq: 07 Sep 2021 18:54

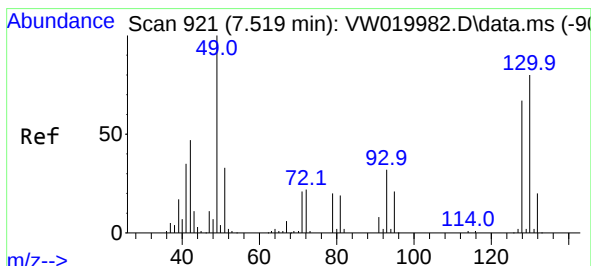
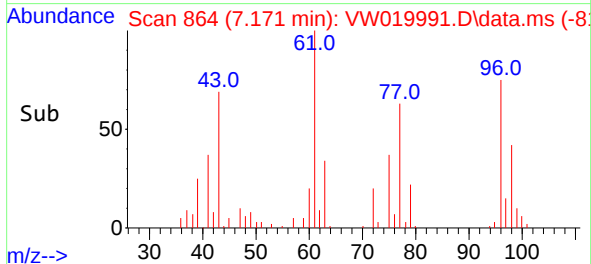
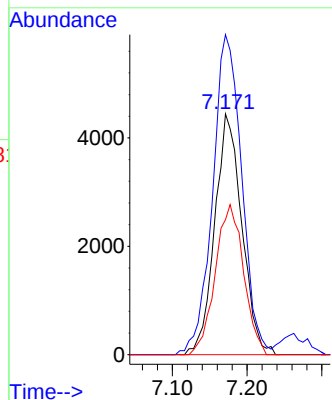
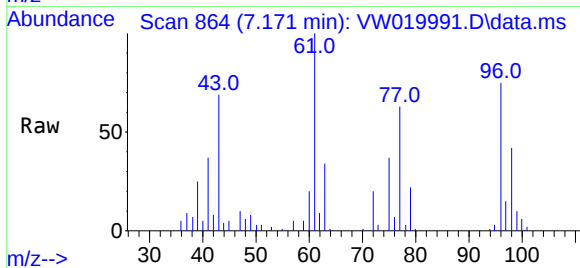
Tgt Ion: 96 Resp: 11203

Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	282.6
98	65.2	0.0	127.6

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

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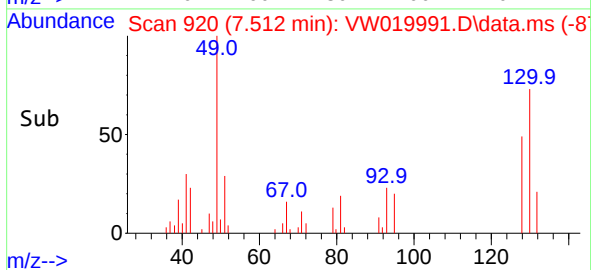
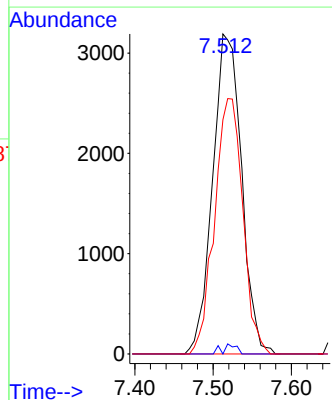
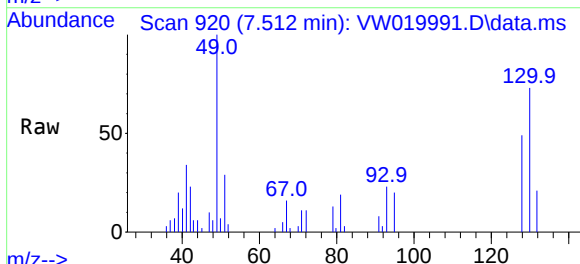
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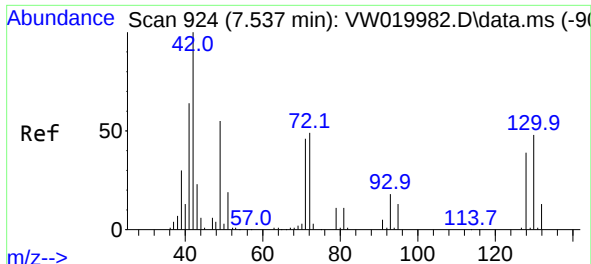


#28
 Bromochloromethane
 Concen: 5.366 ug/l
 RT: 7.512 min Scan# 920
 Delta R.T. -0.006 min
 Lab File: VW019991.D
 Acq: 07 Sep 2021 18:54

Tgt Ion: 49 Resp: 8168

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.2
130	78.1	62.6	93.8





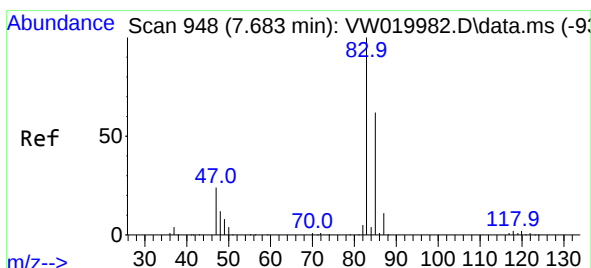
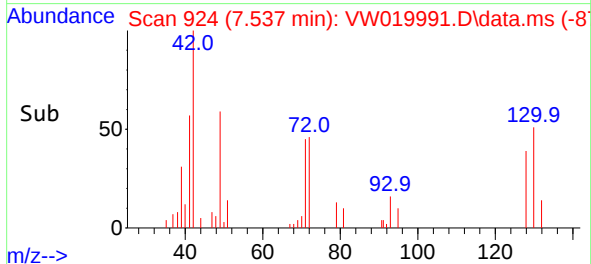
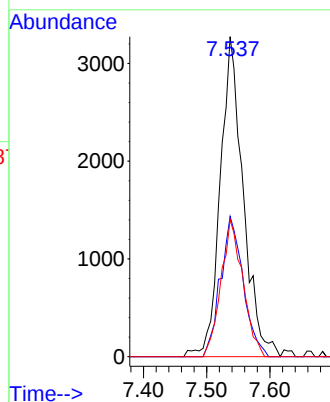
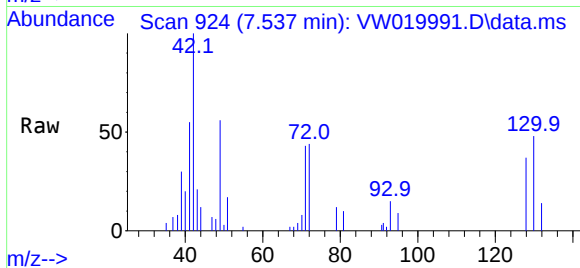
#29
Tetrahydrofuran
Concen: 27.228 ug/l
RT: 7.537 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	42	Resp:	8247
Ion	Ratio	Lower	Upper
42	100		
72	43.2	38.4	57.6
71	40.8	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
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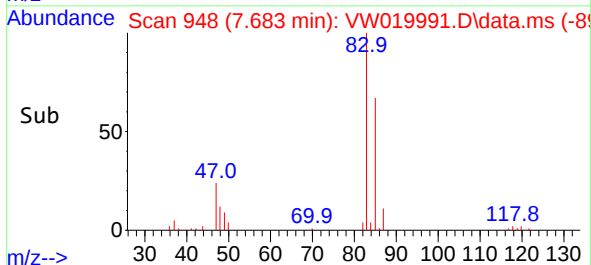
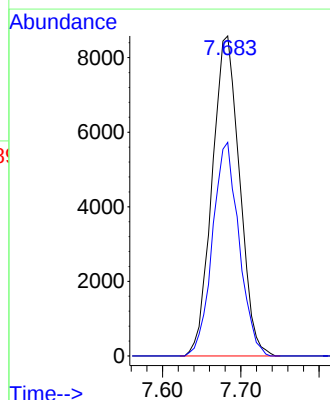
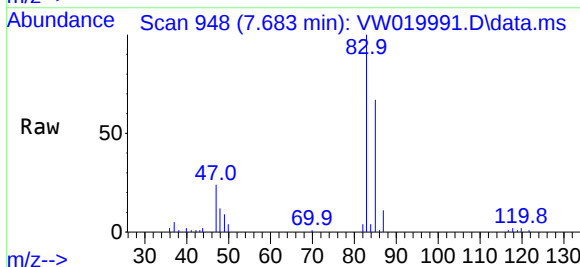
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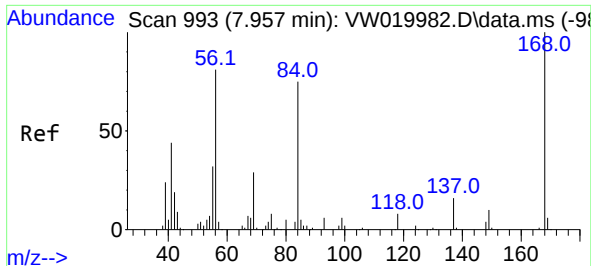
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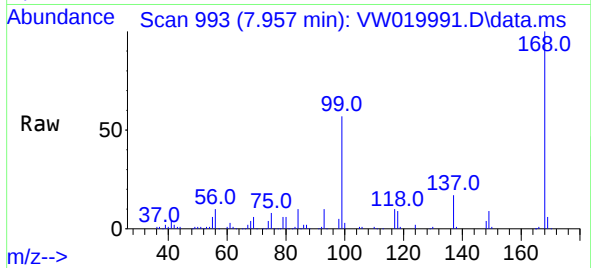
#30
Chloroform
Concen: 5.177 ug/l
RT: 7.683 min Scan# 948
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	83	Resp:	20919
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.8	74.8

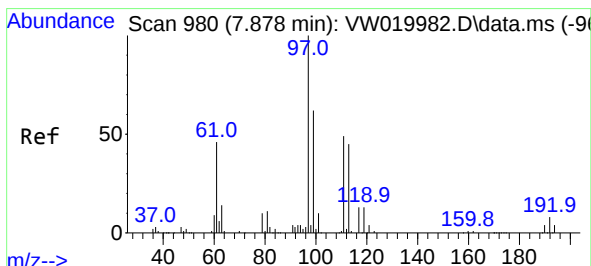
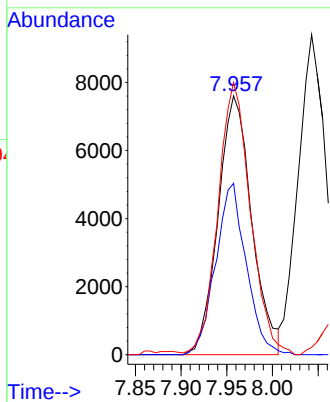
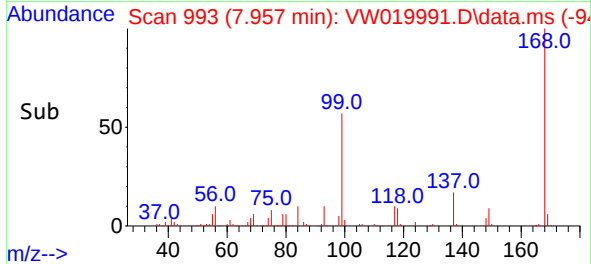




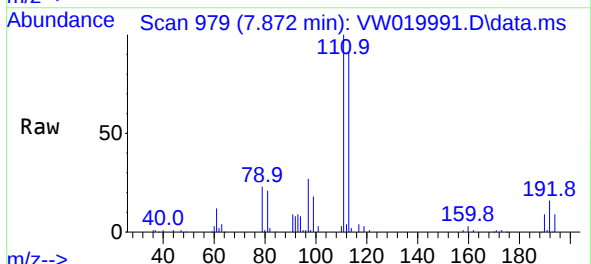
#31
Cyclohexane
Concen: 5.665 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



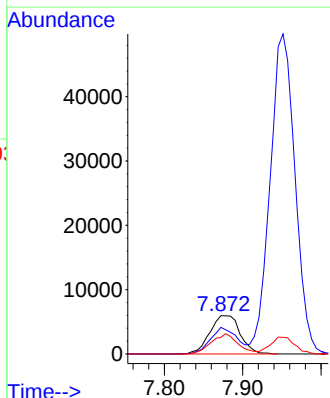
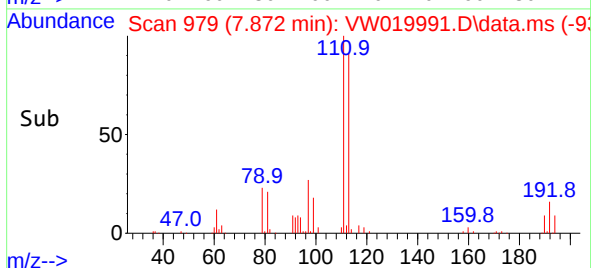
Tgt Ion: 56 Resp: 19525
Ion Ratio Lower Upper
56 100
69 66.2 28.6 42.8#
84 104.2 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 4.883 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



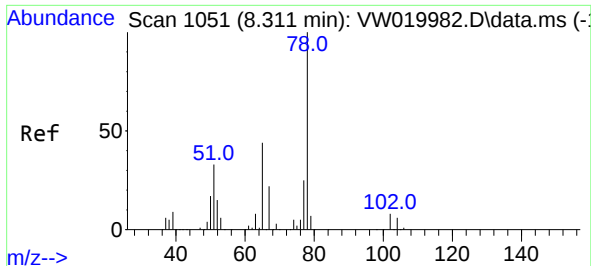
Tgt Ion: 97 Resp: 15966
Ion Ratio Lower Upper
97 100
99 60.3 50.9 76.3
61 47.0 36.1 54.1



Instrument :
MSVOA_W
ClientSampleId :
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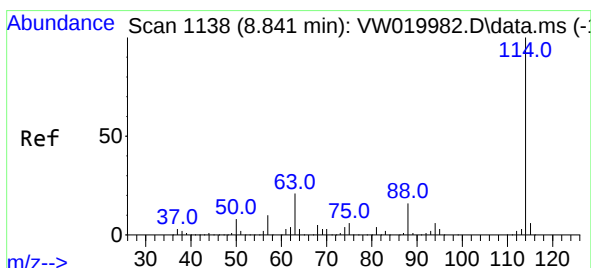
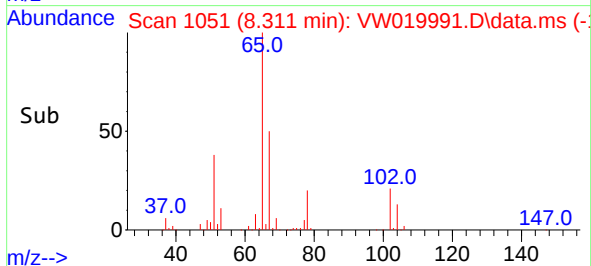
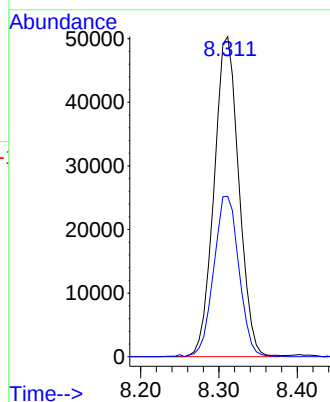
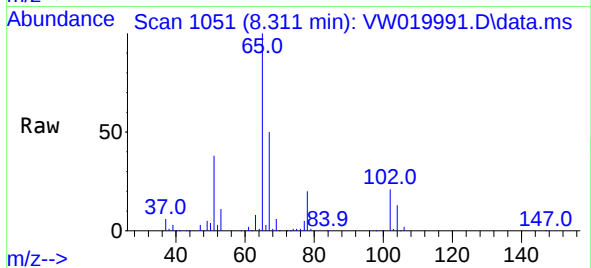
#33
1,2-Dichloroethane-d4
Concen: 52.407 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 65 Resp: 110800
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

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

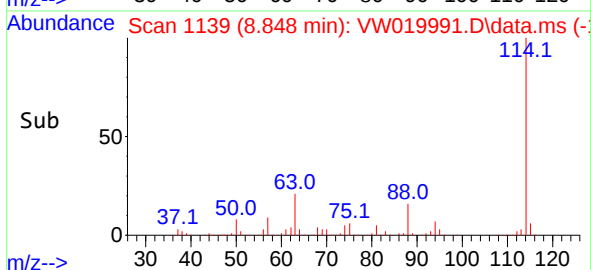
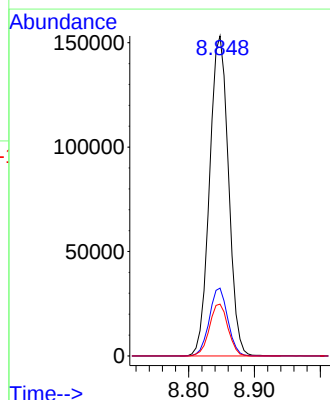
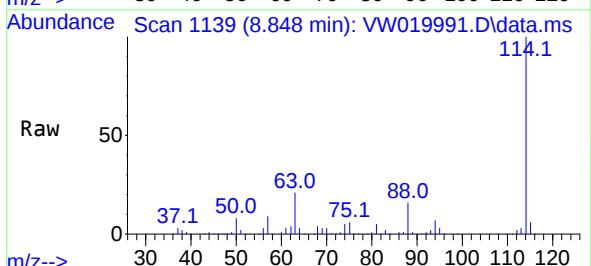
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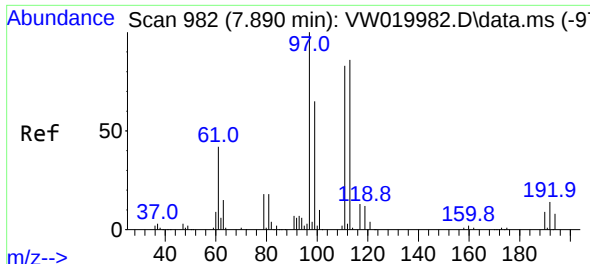
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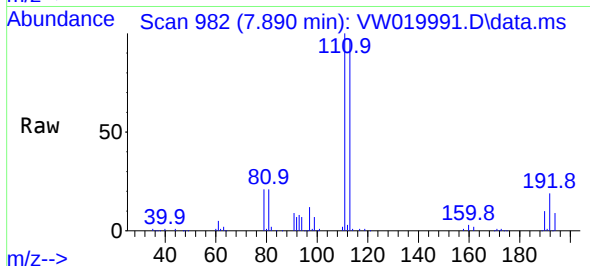
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 114 Resp: 306154
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.2 0.0 31.8

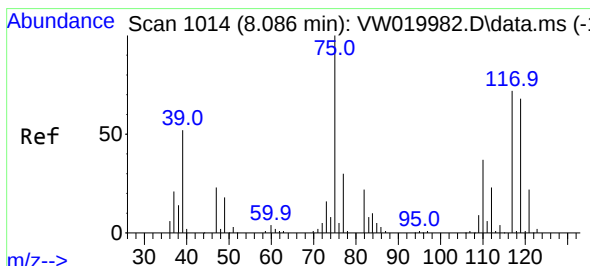
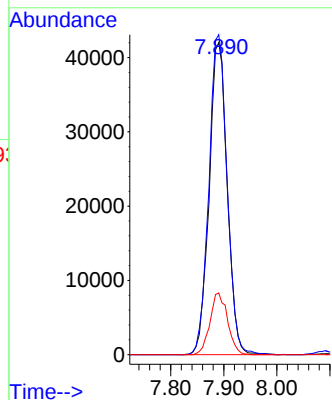
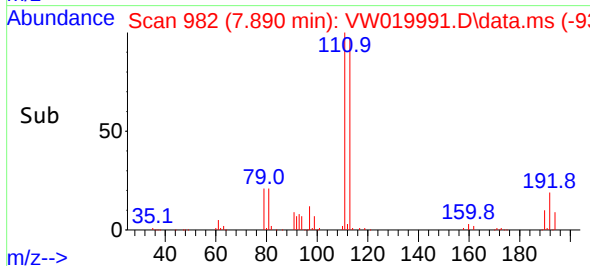




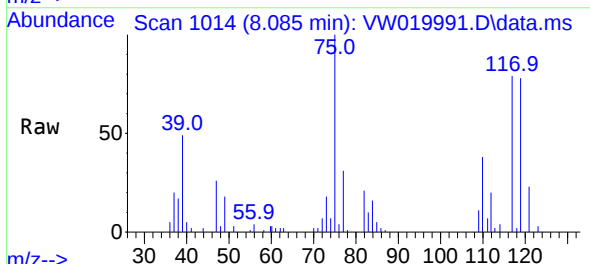
#35
Dibromofluoromethane
Concen: 49.430 ug/l
RT: 7.890 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



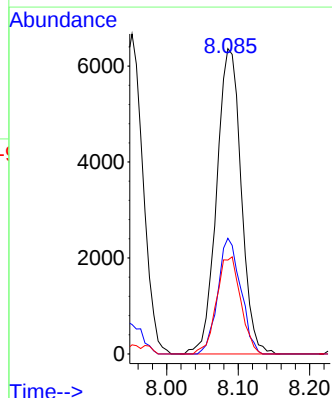
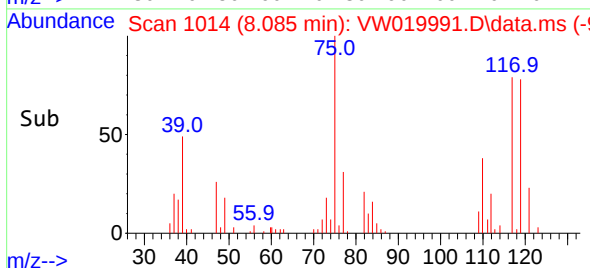
Tgt Ion: 113 Resp: 99380
Ion Ratio Lower Upper
113 100
111 103.6 81.6 122.4
192 19.3 14.6 22.0



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



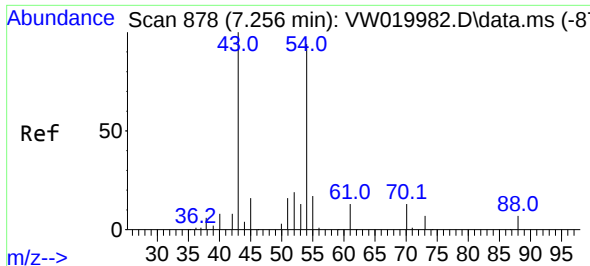
Tgt Ion: 75 Resp: 15149
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 31.4 24.8 37.2



Instrument :
MSVOA_W
ClientSampleId :
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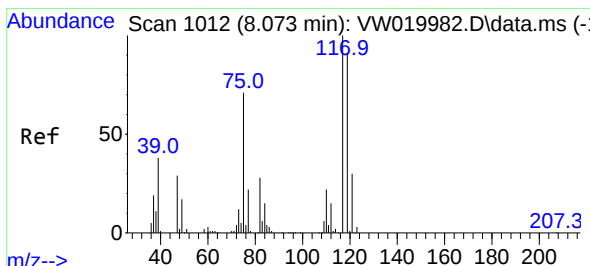
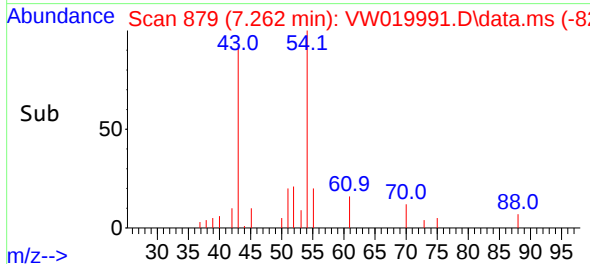
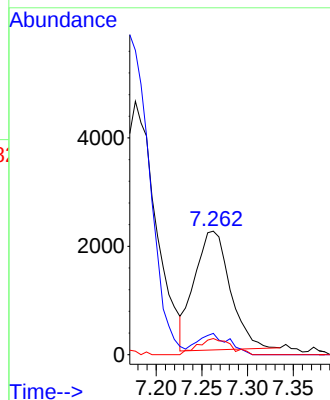
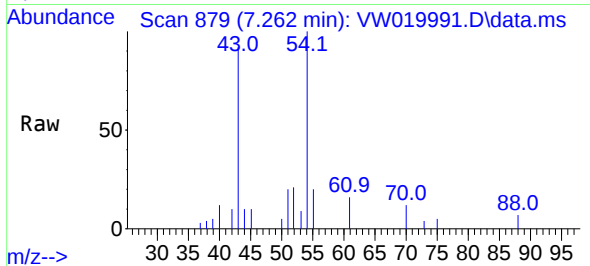
#37
Ethyl Acetate
Concen: 5.033 ug/l
RT: 7.262 min Scan# 879
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	43	Resp:	5960
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.7	17.5
70	12.4	9.3	13.9

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

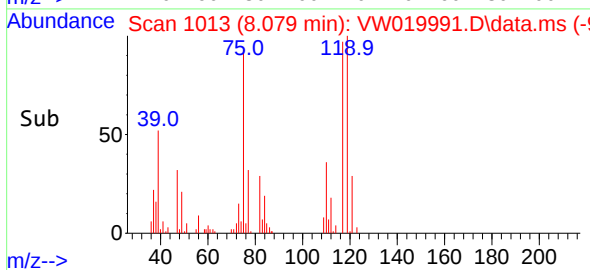
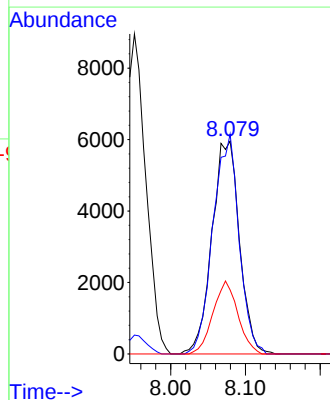
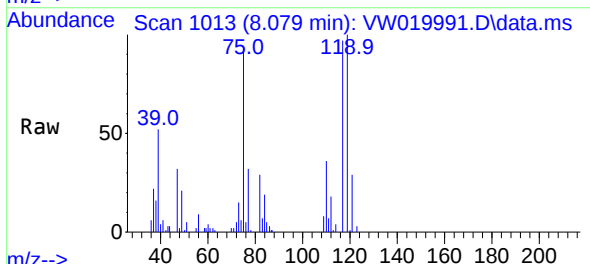
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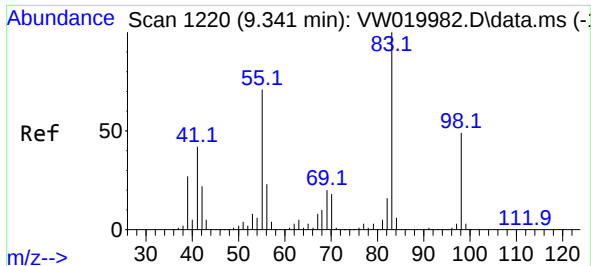
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#38
Carbon Tetrachloride
Concen: 4.642 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	117	Resp:	15245
Ion	Ratio	Lower	Upper
117	100		
119	103.3	73.0	109.4
121	30.1	23.9	35.9





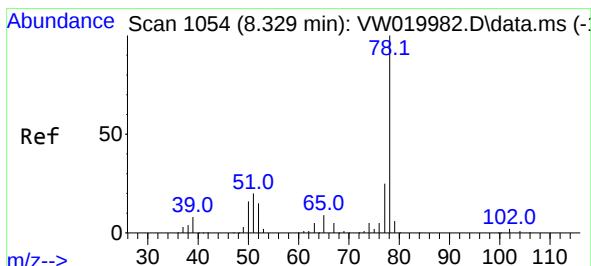
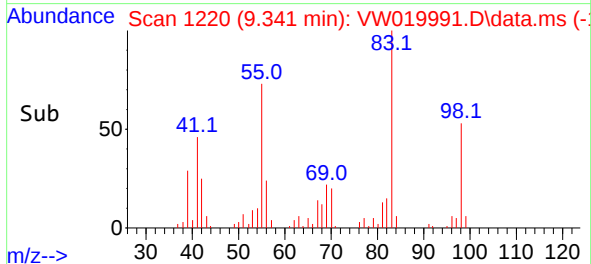
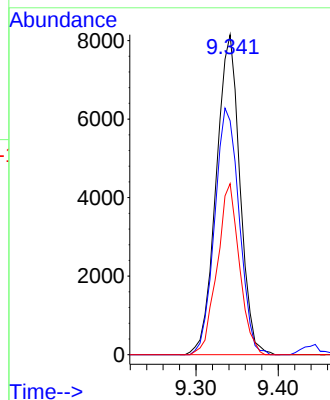
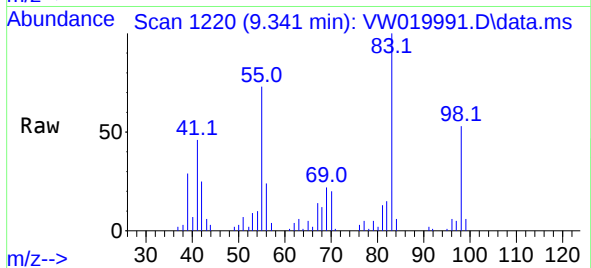
#39
Methylcyclohexane
Concen: 4.368 ug/l
RT: 9.341 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 83 Resp: 16303
Ion Ratio Lower Upper
83 100
55 73.1 56.9 85.3
98 53.5 39.0 58.4

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

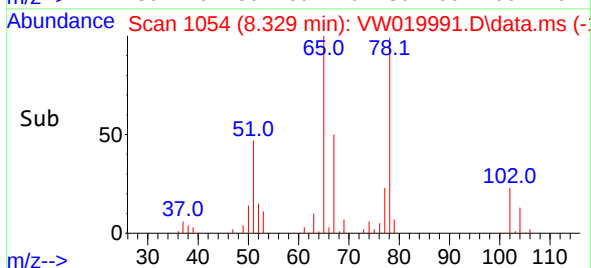
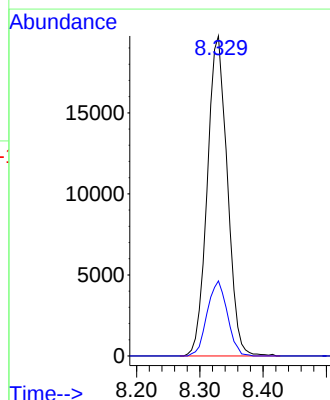
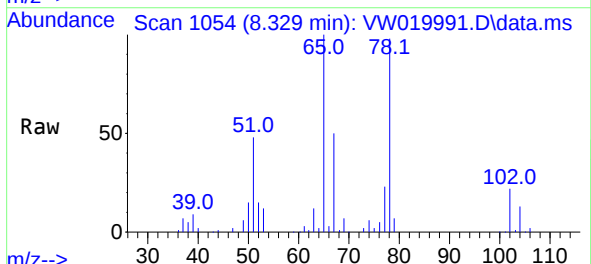
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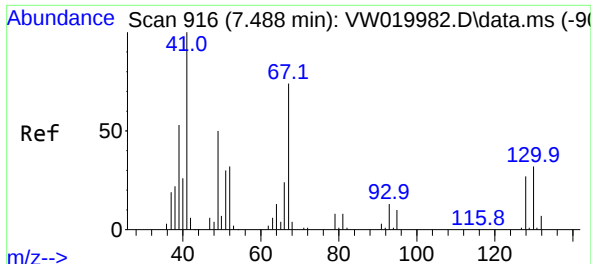
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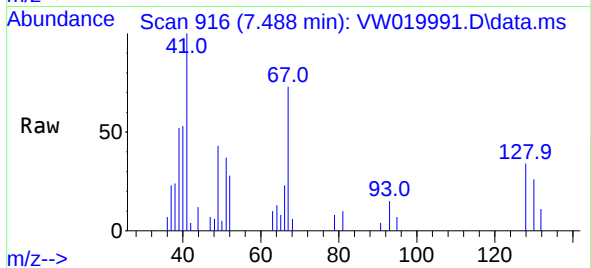
#40
Benzene
Concen: 4.897 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 78 Resp: 43445
Ion Ratio Lower Upper
78 100
77 23.4 19.7 29.5

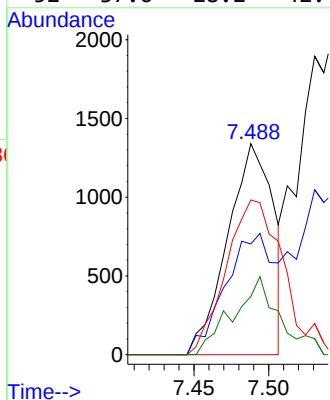




#41
Methacrylonitrile
Concen: 4.341 ug/l
RT: 7.488 min Scan# 916
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



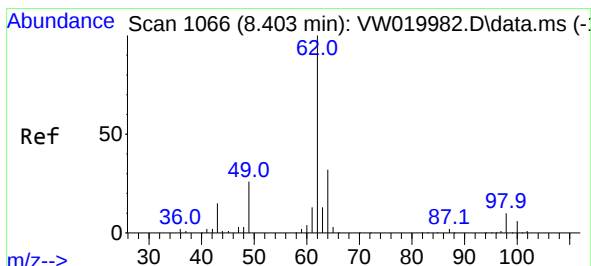
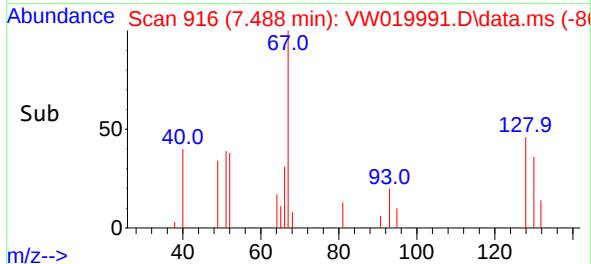
Tgt Ion:	41	Resp:	2845
Ion	Ratio	Lower	Upper
41	100		
39	62.0	45.2	67.8
67	91.8	65.3	97.9
52	37.6	28.2	42.4



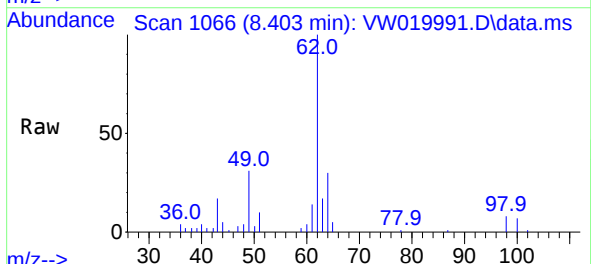
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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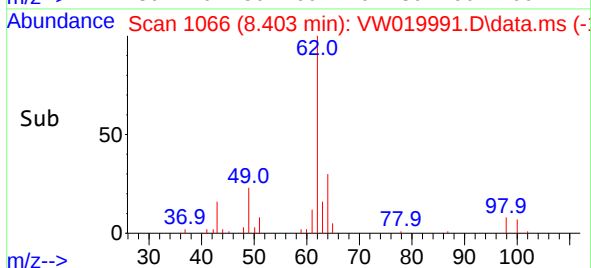
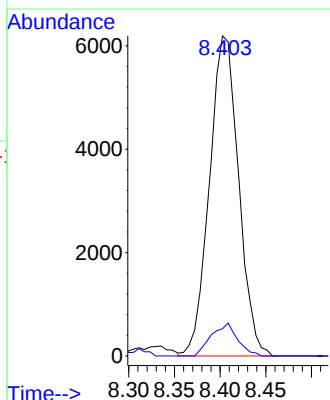
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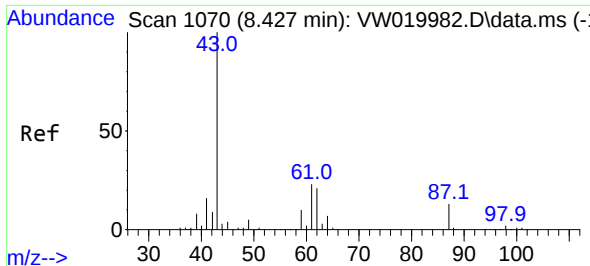


#42
1,2-Dichloroethane
Concen: 5.048 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion:	62	Resp:	13750
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





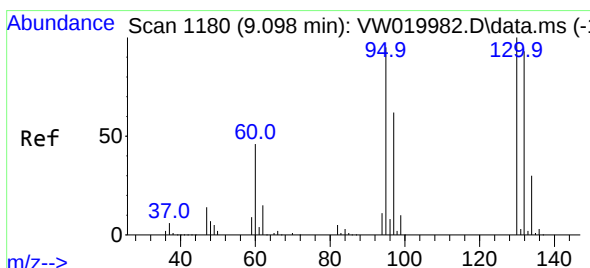
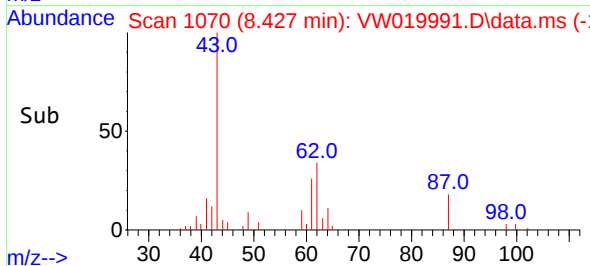
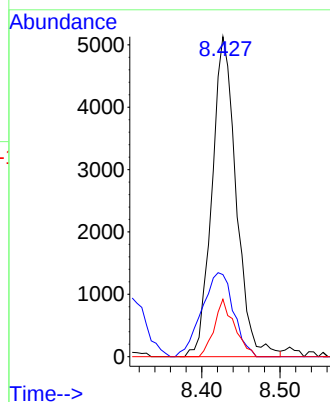
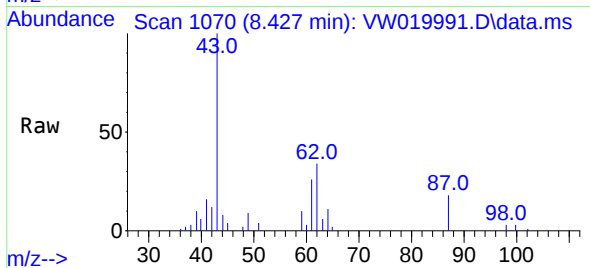
#43
Isopropyl Acetate
Concen: 4.920 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	43	Resp:	11057
Ion	Ratio	Lower	Upper
43	100		
61	34.3	26.6	39.8
87	15.0	11.0	16.6

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

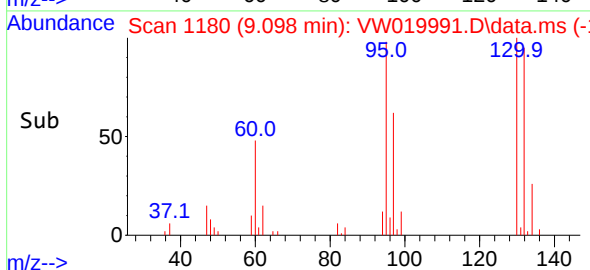
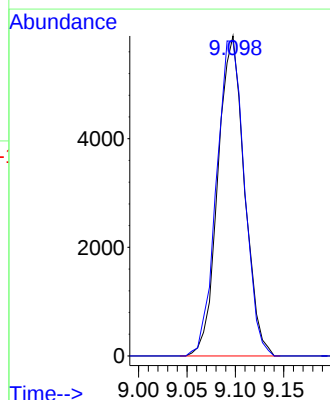
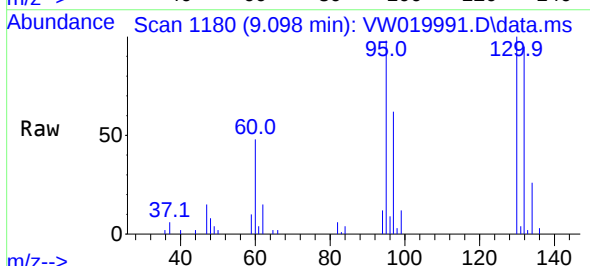
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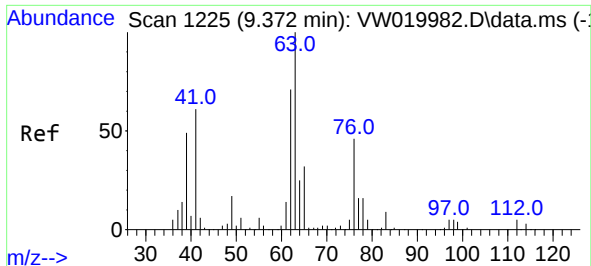
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#44
Trichloroethene
Concen: 4.822 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:	130	Resp:	11225
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	190.0





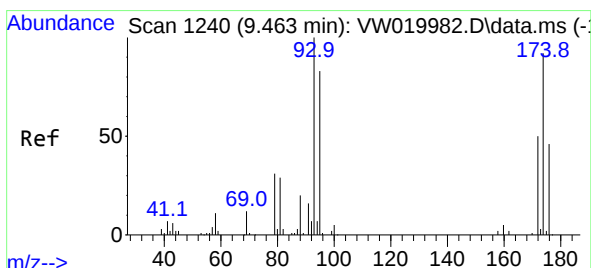
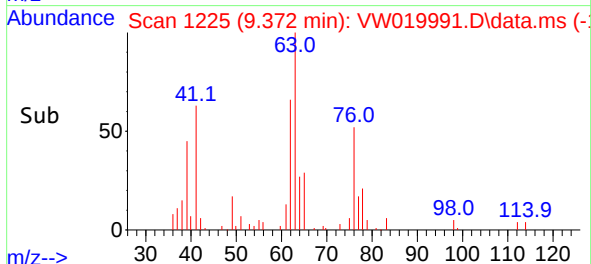
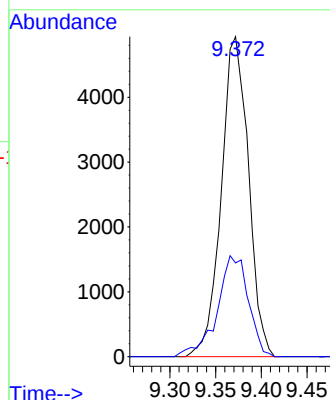
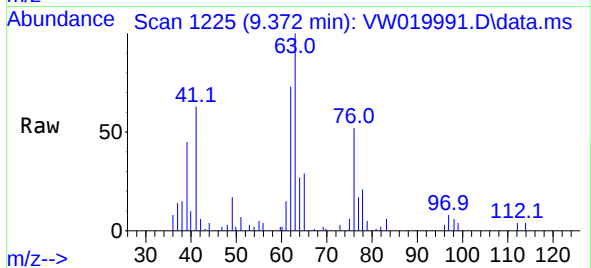
#45
1,2-Dichloropropane
Concen: 4.730 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 63 Resp: 10204
Ion Ratio Lower Upper
63 100
65 29.3 25.5 38.3

Instrument :
MSVOA_W
ClientSampleId :
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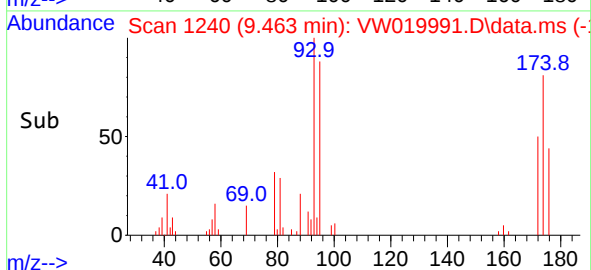
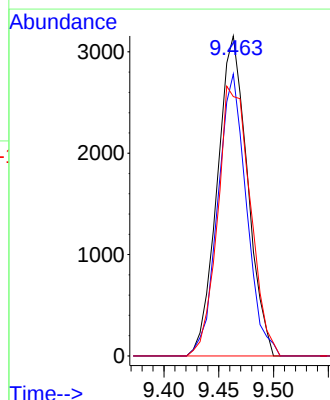
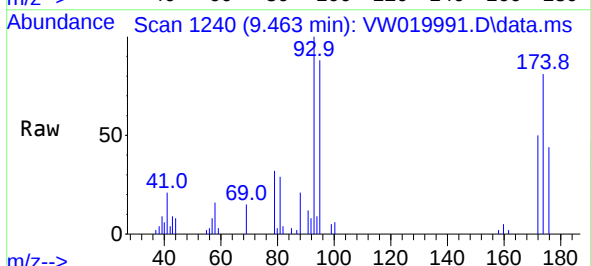
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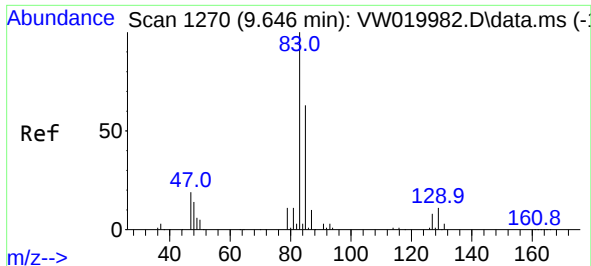
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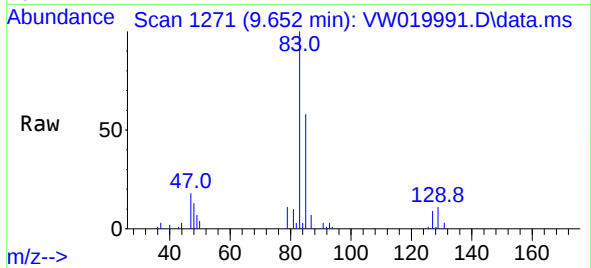
#46
Dibromomethane
Concen: 4.976 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 93 Resp: 6055
Ion Ratio Lower Upper
93 100
95 83.3 65.2 97.8
174 90.6 75.8 113.6



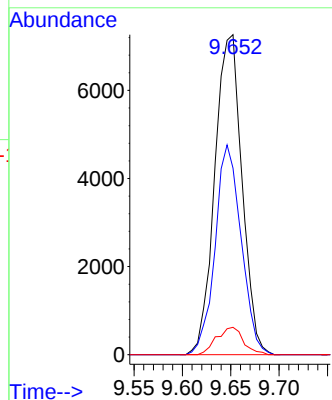


#47
Bromodichloromethane
Concen: 4.695 ug/l
RT: 9.652 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 83 Resp: 14234

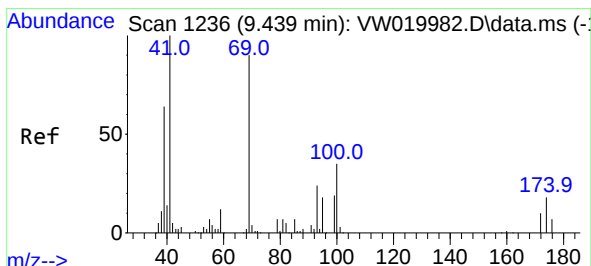
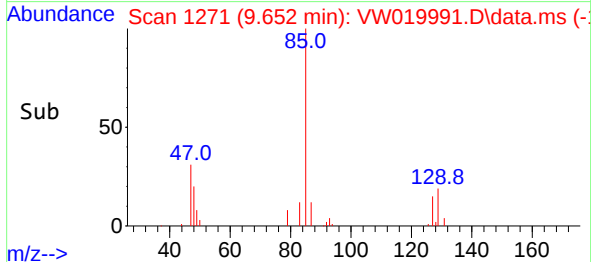
Ion	Ratio	Lower	Upper
83	100		
85	58.3	50.3	75.5
127	8.6	6.5	9.7



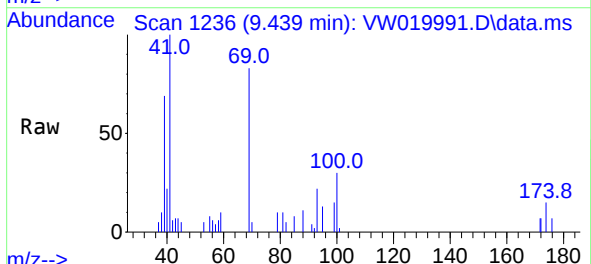
Instrument :
MSVOA_W
ClientSampleId :
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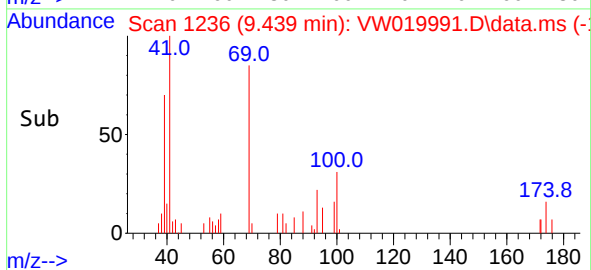
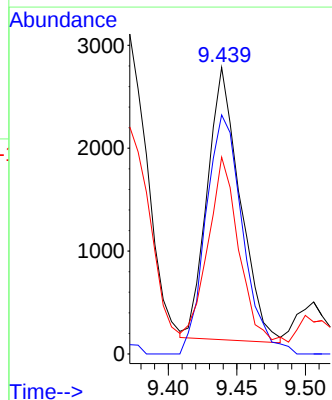


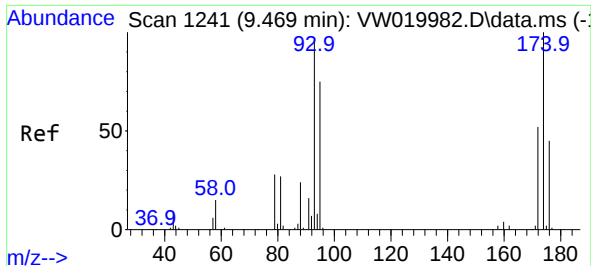
#48
Methyl methacrylate
Concen: 4.458 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 41 Resp: 4383

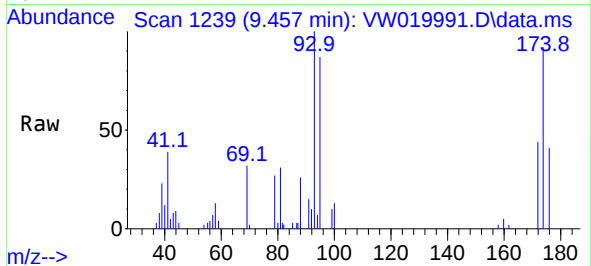
Ion	Ratio	Lower	Upper
41	100		
69	99.4	76.7	115.1
39	76.7	51.4	77.0





#49
1,4-Dioxane
Concen: 98.822 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.012 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

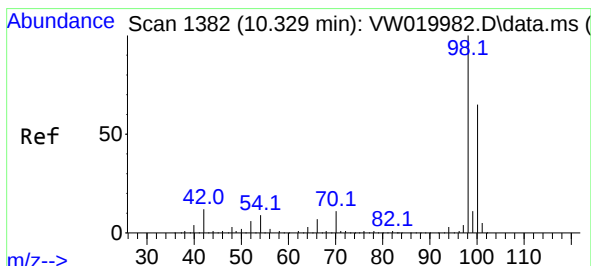
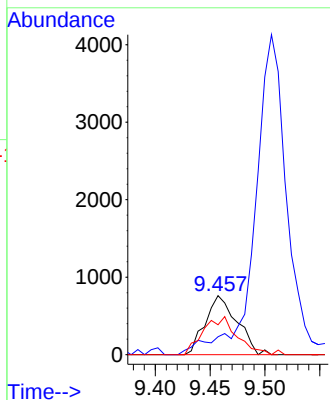
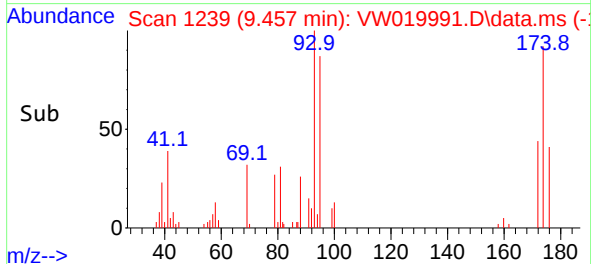
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



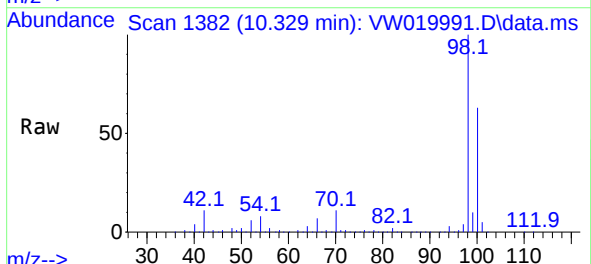
Tgt Ion: 88 Resp: 1536
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.5 54.7 82.1

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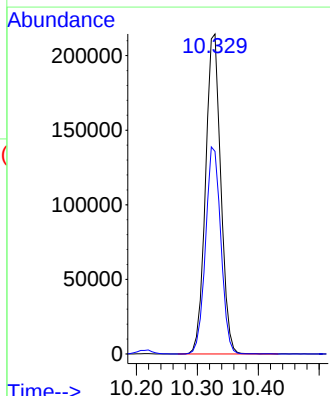
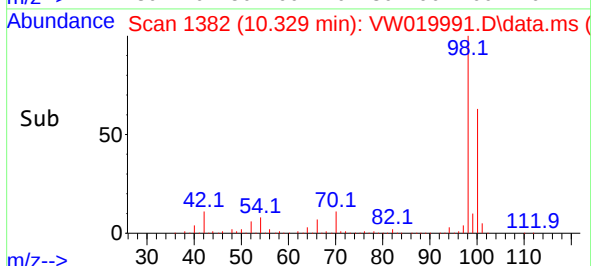
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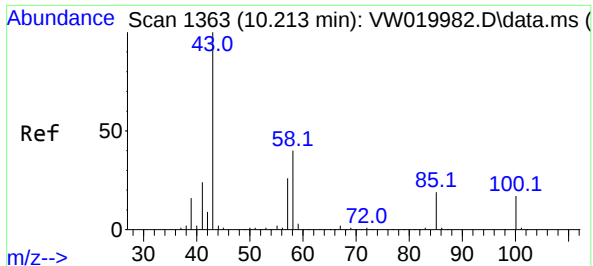


#50
Toluene-d8
Concen: 49.835 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 98 Resp: 372449
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





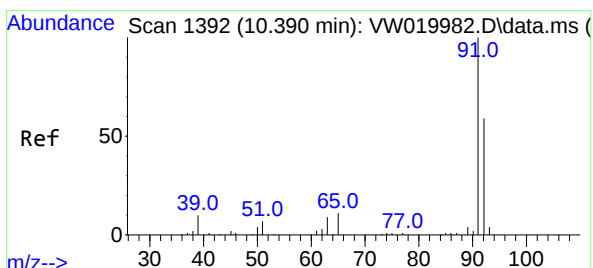
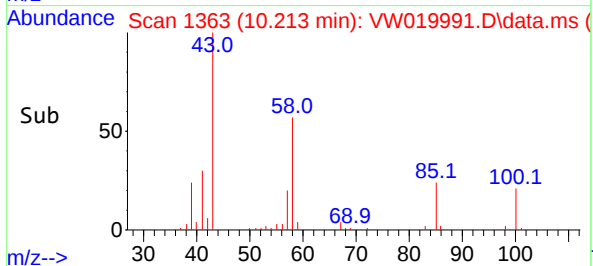
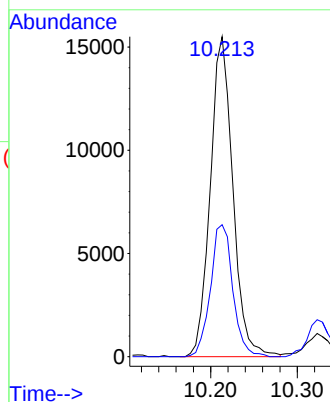
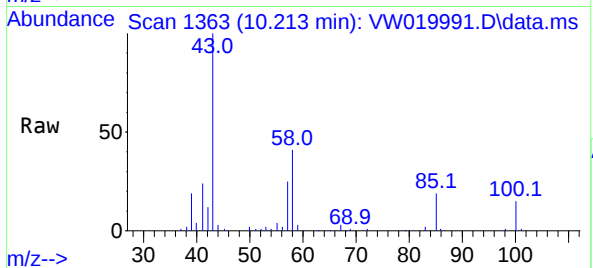
#51
4-Methyl-2-Pentanone
Concen: 24.106 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 43 Resp: 28090
Ion Ratio Lower Upper
43 100
58 40.8 32.1 48.1

Instrument :
MSVOA_W
ClientSampleId :
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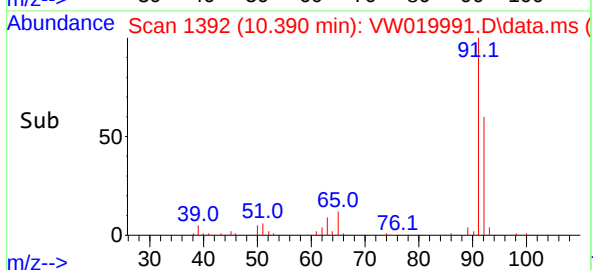
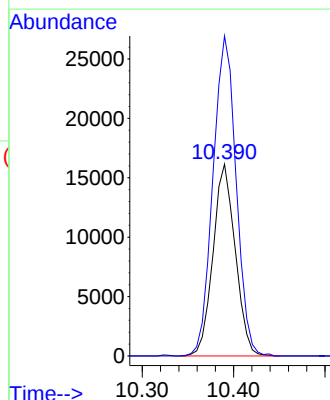
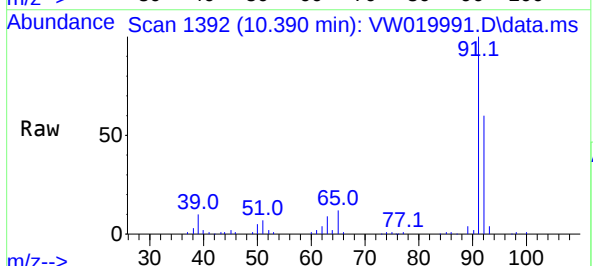
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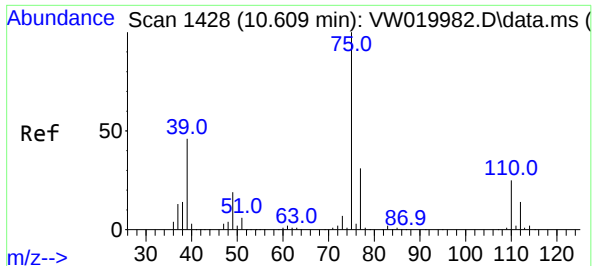
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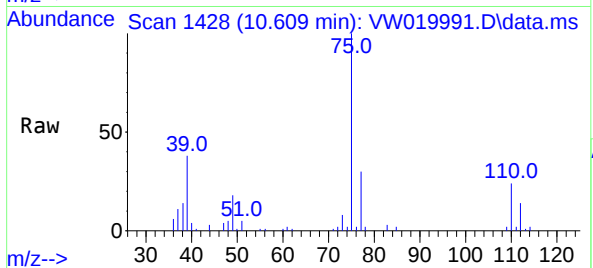
#52
Toluene
Concen: 4.861 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 92 Resp: 27301
Ion Ratio Lower Upper
92 100
91 173.7 136.6 205.0

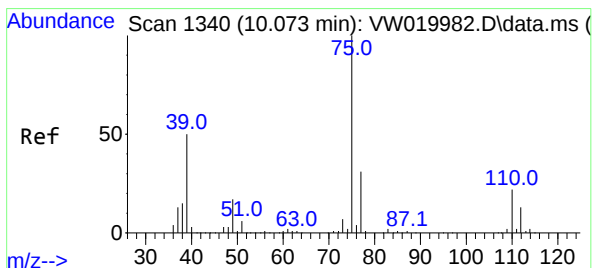
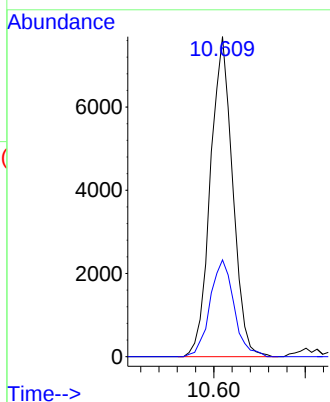
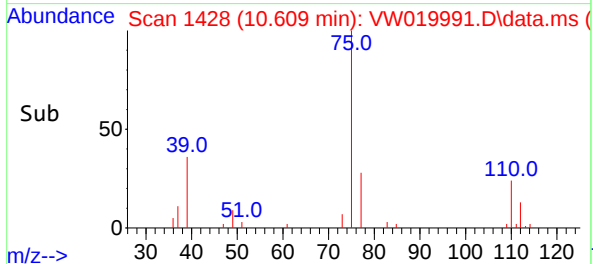




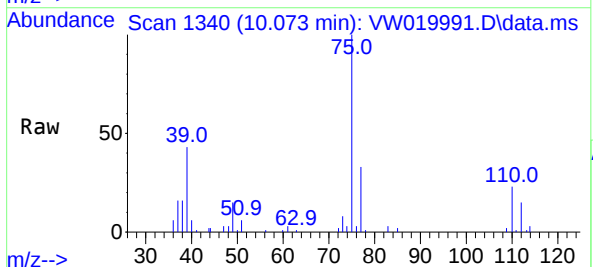
#53
t-1,3-Dichloropropene
Concen: 4.470 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



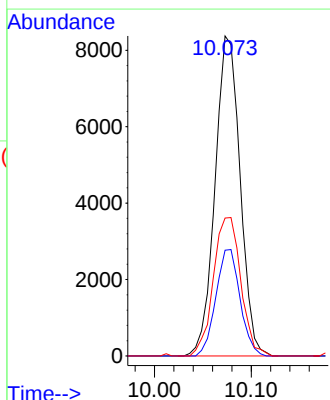
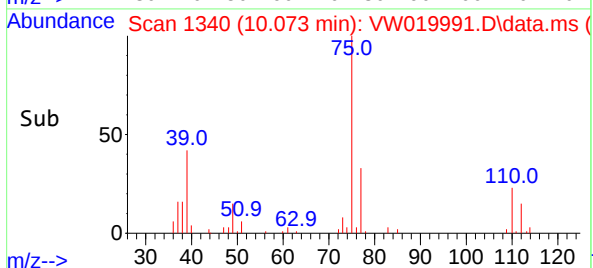
Tgt Ion: 75 Resp: 13000
Ion Ratio Lower Upper
75 100
77 30.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 4.449 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



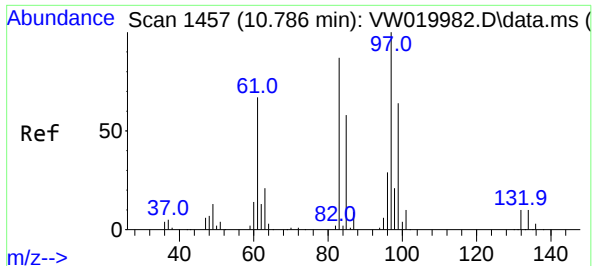
Tgt Ion: 75 Resp: 15065
Ion Ratio Lower Upper
75 100
77 33.0 24.8 37.2
39 43.1 39.9 59.9



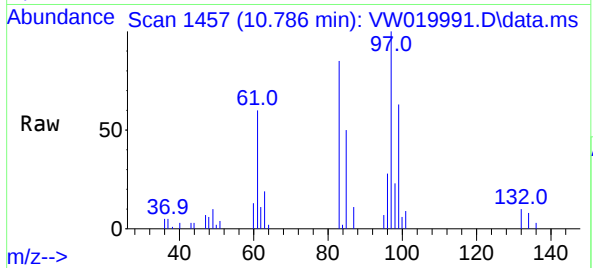
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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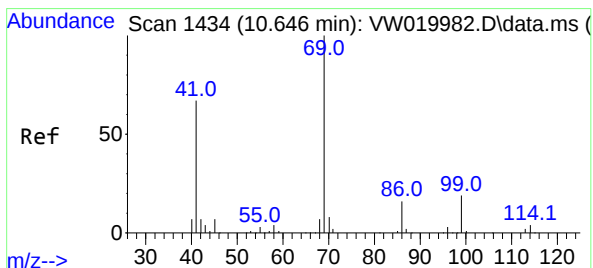
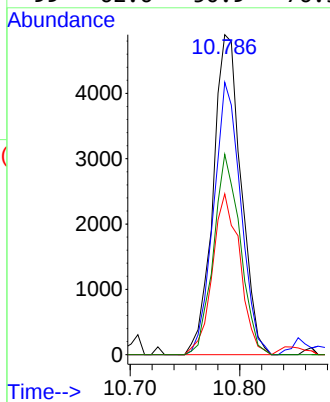
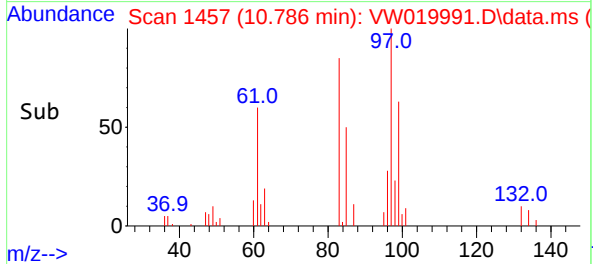
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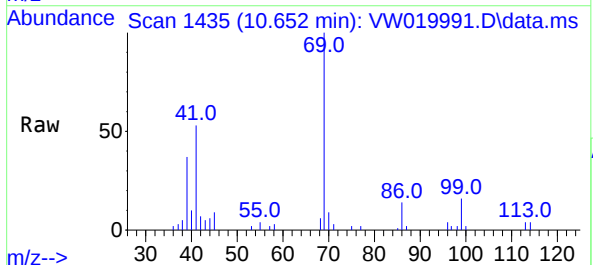
#55
1,1,2-Trichloroethane
Concen: 5.269 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



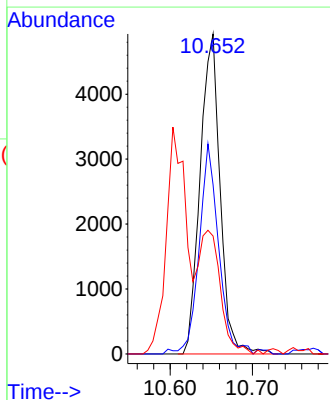
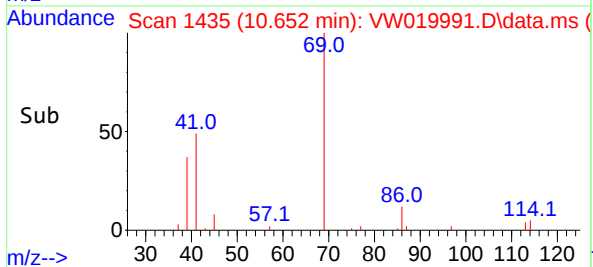
Tgt Ion:	97	Resp:	8689
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.8	104.6
85	50.2	46.6	69.8
99	62.6	50.9	76.3



#56
Ethyl methacrylate
Concen: 4.516 ug/l
RT: 10.652 min Scan# 1435
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



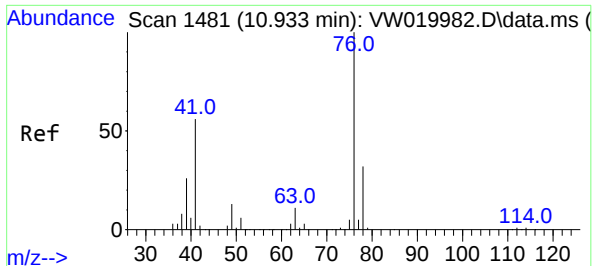
Tgt Ion:	69	Resp:	8331
Ion	Ratio	Lower	Upper
69	100		
41	63.9	50.6	76.0
39	42.3	31.2	46.8



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

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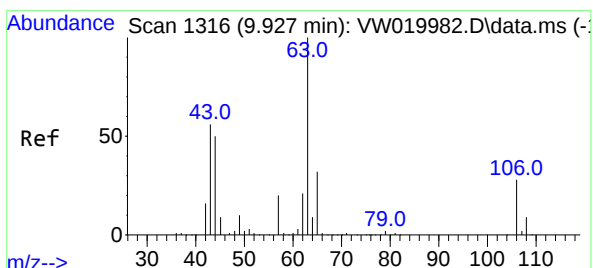
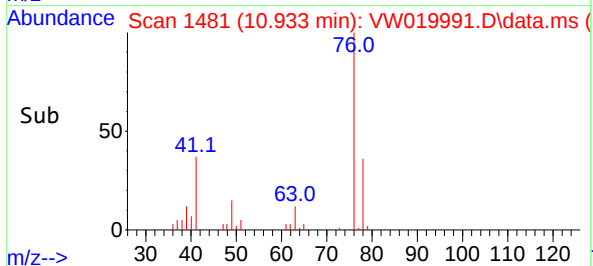
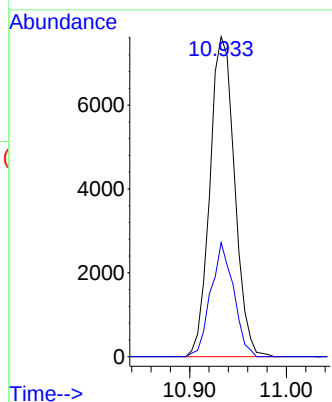
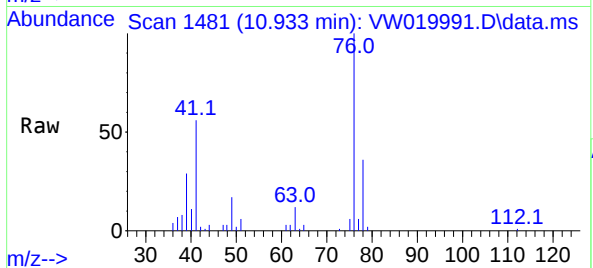
#57
1,3-Dichloropropane
Concen: 4.787 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 76 Resp: 13545
Ion Ratio Lower Upper
76 100
78 33.0 26.6 40.0

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

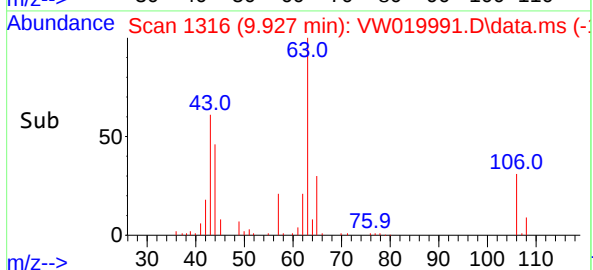
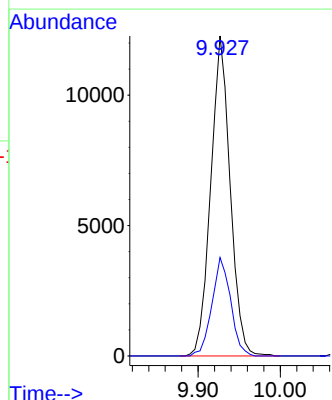
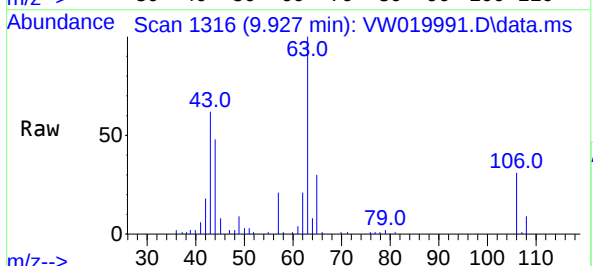
Manual Integrations
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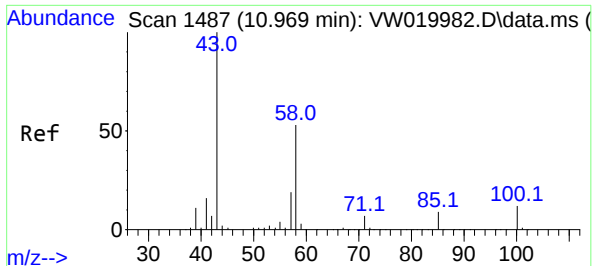
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#58
2-Chloroethyl Vinyl ether
Concen: 23.945 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 63 Resp: 20165
Ion Ratio Lower Upper
63 100
106 29.6 22.9 34.3





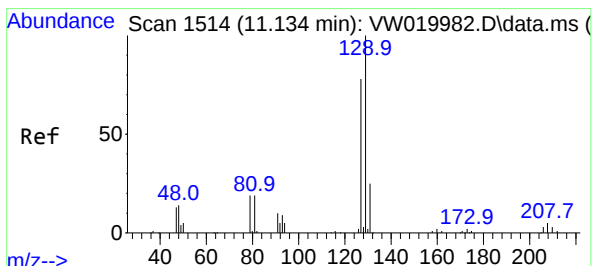
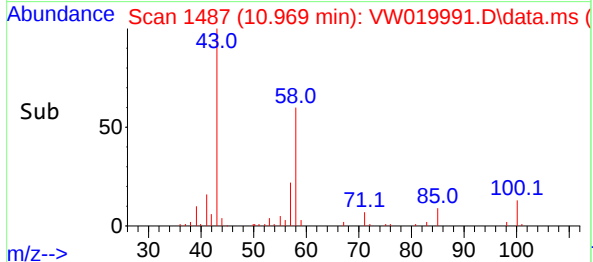
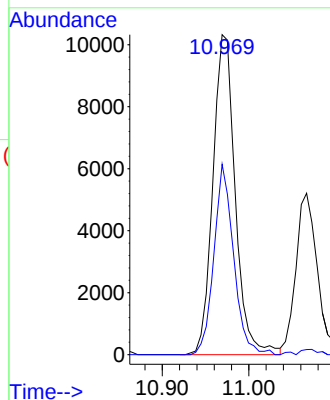
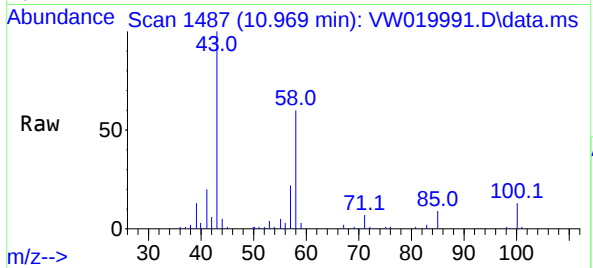
#59
2-Hexanone
Concen: 23.794 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 43 Resp: 18529
Ion Ratio Lower Upper
43 100
58 52.6 27.4 82.0

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

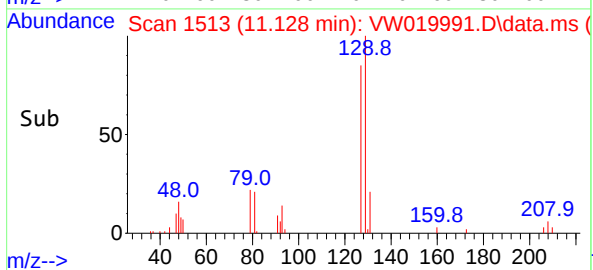
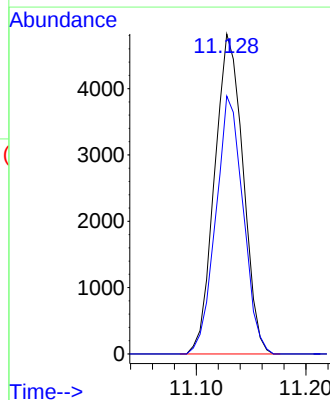
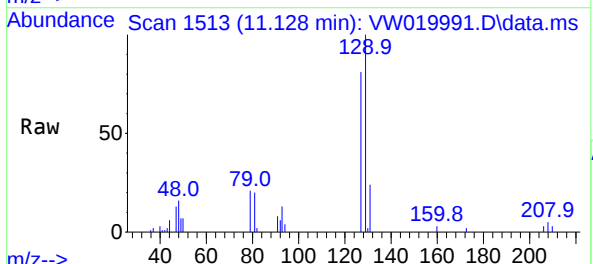
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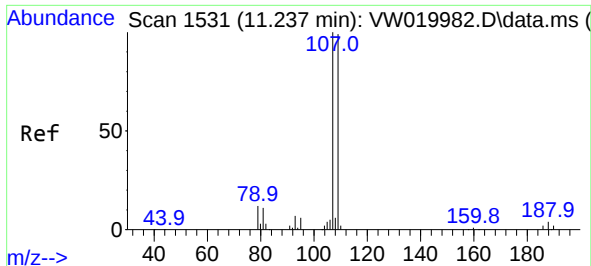
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#60
Dibromochloromethane
Concen: 4.551 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

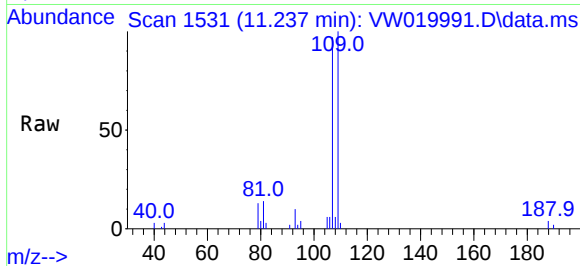
Tgt Ion: 129 Resp: 8689
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61
1,2-Dibromoethane
Concen: 4.949 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

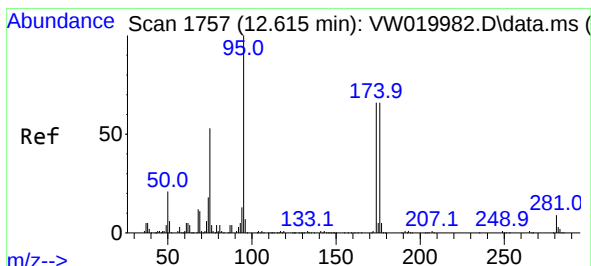
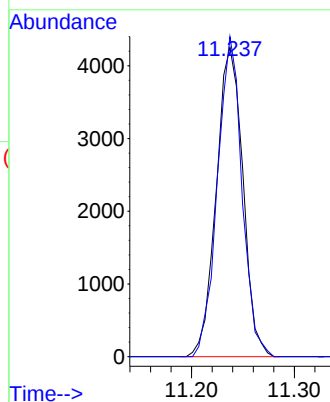
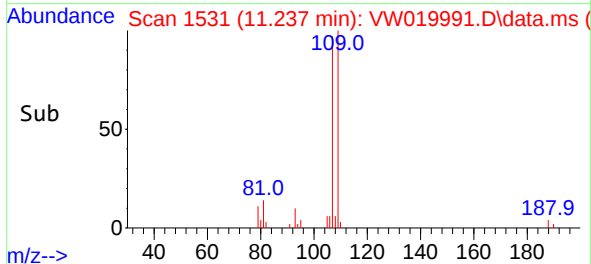
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



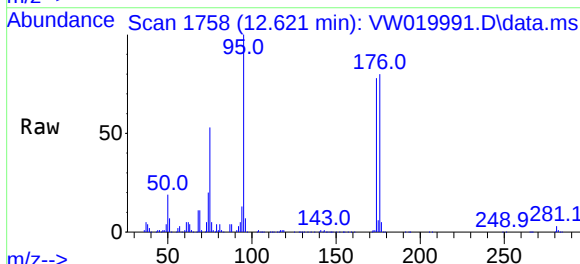
Tgt Ion:107 Resp: 7643
Ion Ratio Lower Upper
107 100
109 95.5 76.4 114.6

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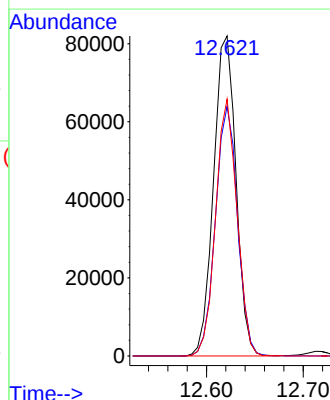
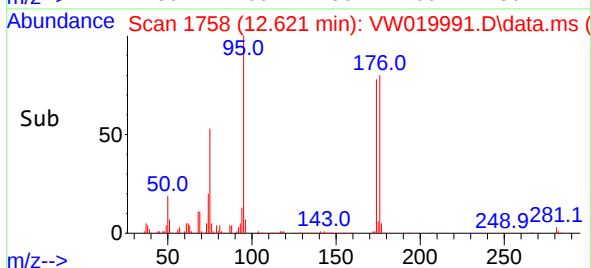
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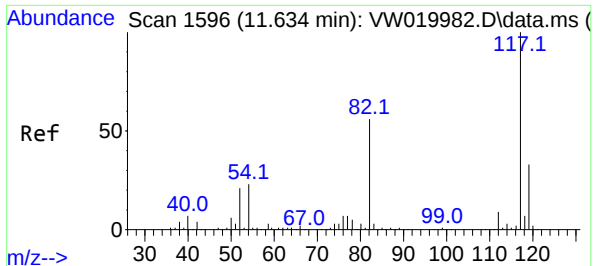


#62
4-Bromofluorobenzene
Concen: 47.793 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



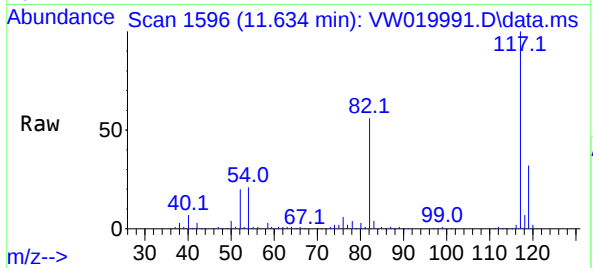
Tgt Ion: 95 Resp: 132164
Ion Ratio Lower Upper
95 100
174 76.5 0.0 145.2
176 76.7 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

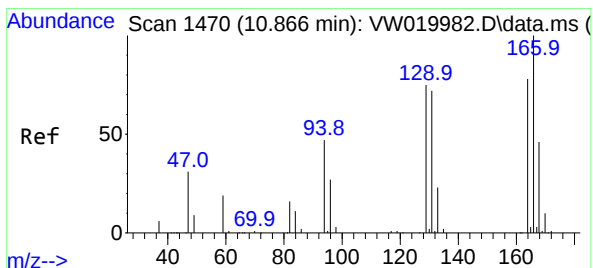
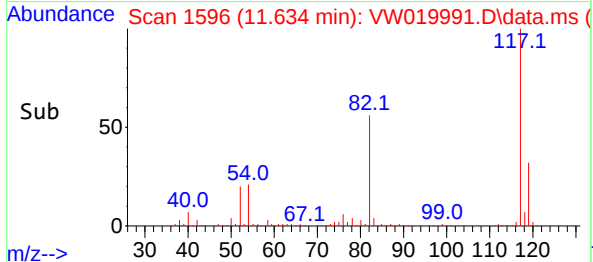
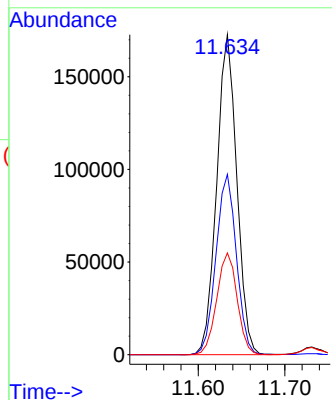
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



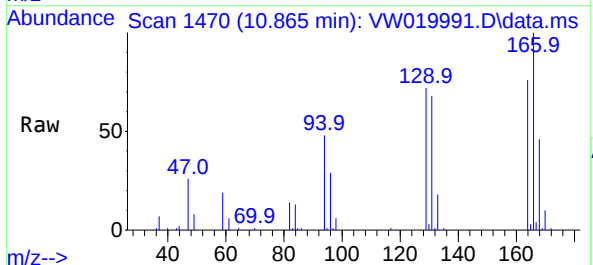
Tgt Ion:117 Resp: 278470
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 31.8 26.2 39.2

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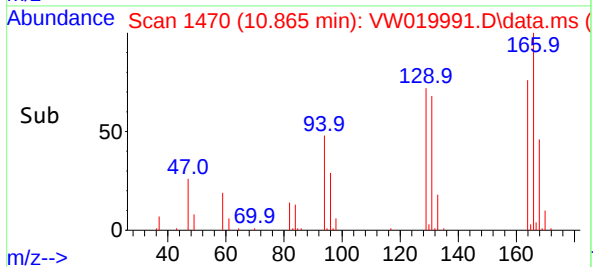
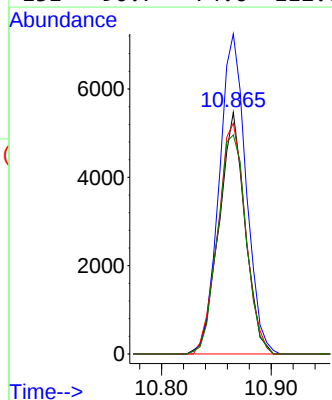
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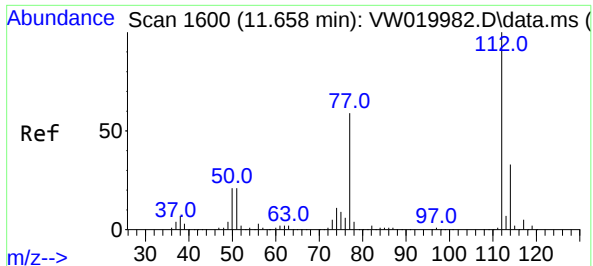


#64
Tetrachloroethene
Concen: 4.665 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion:164 Resp: 9014
Ion Ratio Lower Upper
164 100
166 132.4 103.1 154.7
129 95.5 77.7 116.5
131 90.7 74.6 112.0





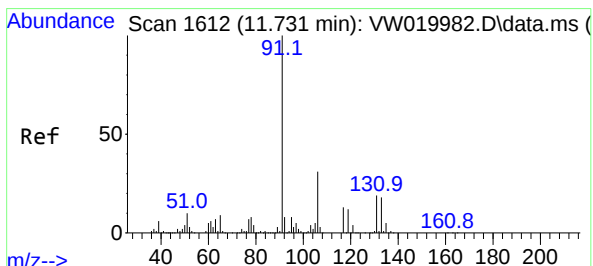
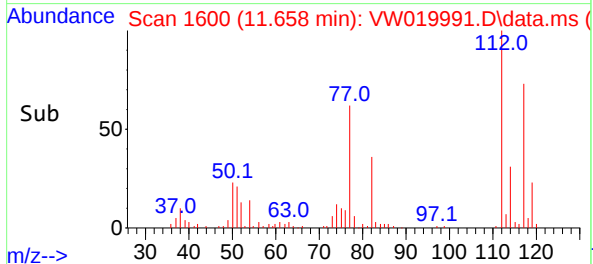
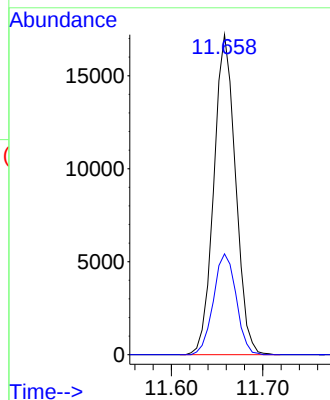
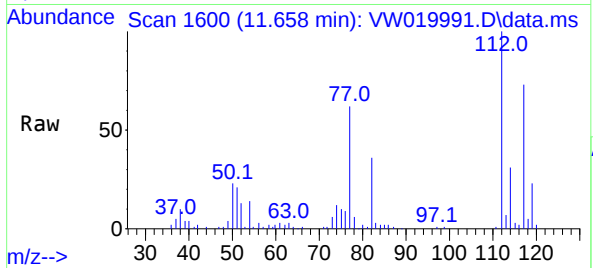
#65
Chlorobenzene
Concen: 4.748 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:112 Resp: 28418
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1

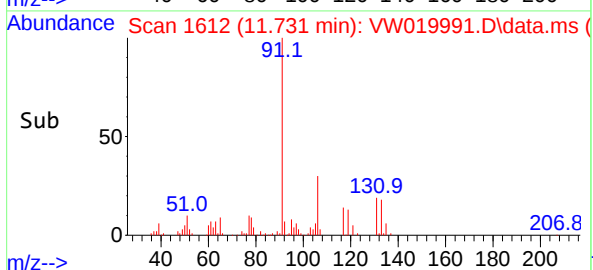
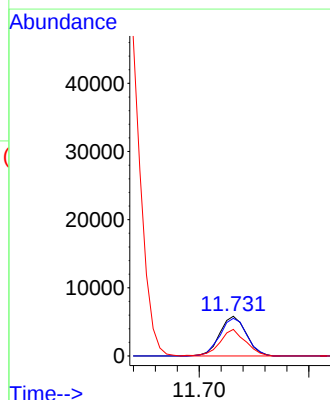
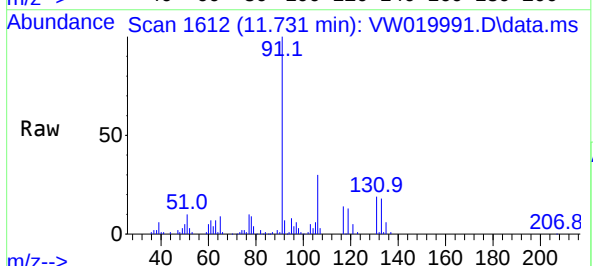
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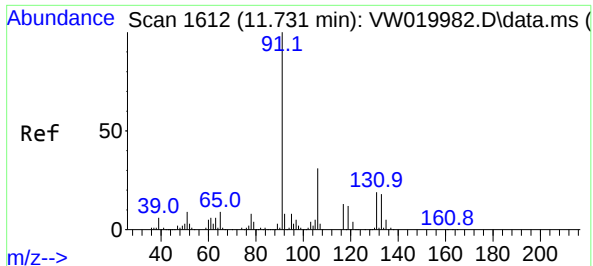
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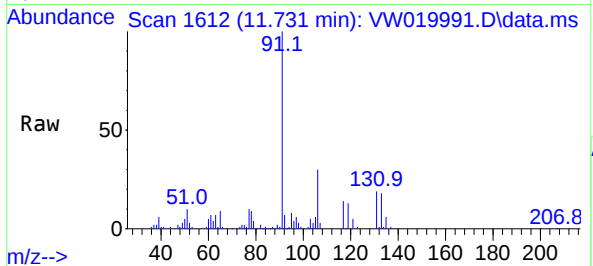
#66
1,1,1,2-Tetrachloroethane
Concen: 4.593 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion:131 Resp: 9798
Ion Ratio Lower Upper
131 100
133 96.7 46.6 139.8
119 64.9 32.8 98.4

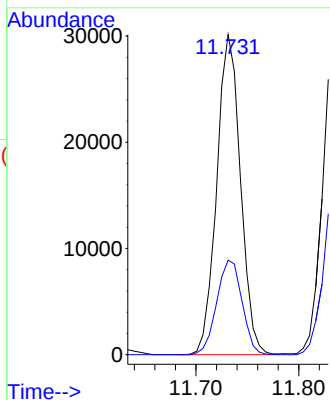
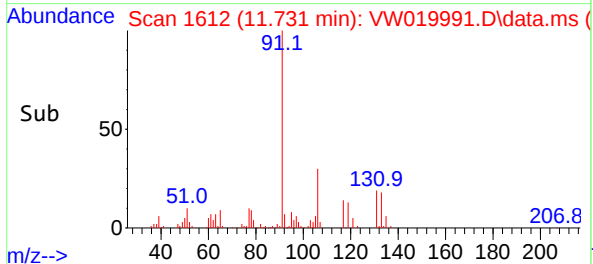




#67
Ethyl Benzene
Concen: 4.574 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



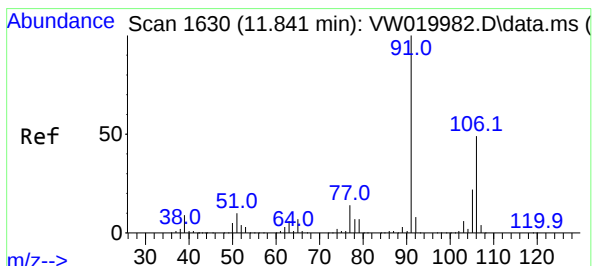
Tgt Ion: 91 Resp: 48300
Ion Ratio Lower Upper
91 100
106 29.5 24.7 37.1



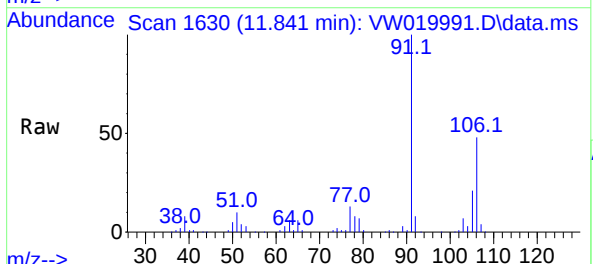
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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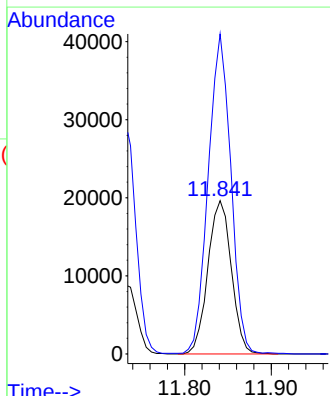
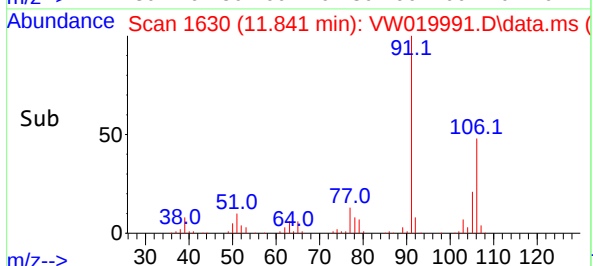
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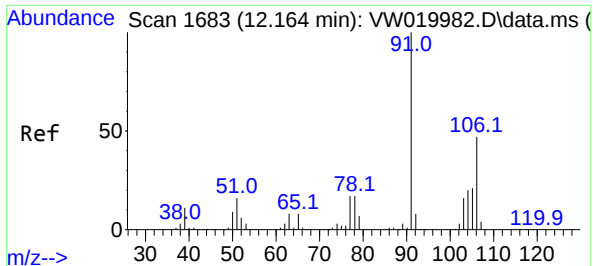


#68
m/p-Xylenes
Concen: 8.864 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

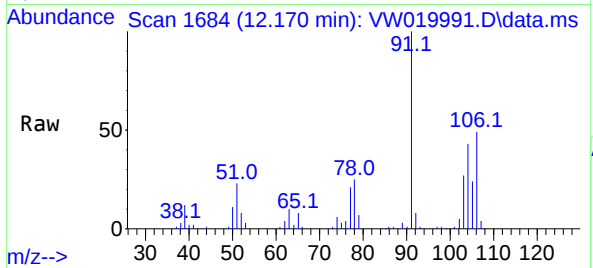


Tgt Ion:106 Resp: 36940
Ion Ratio Lower Upper
106 100
91 202.1 166.8 250.2

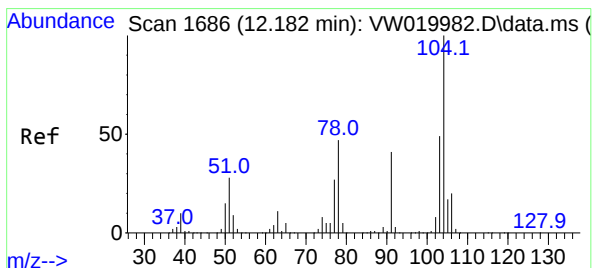
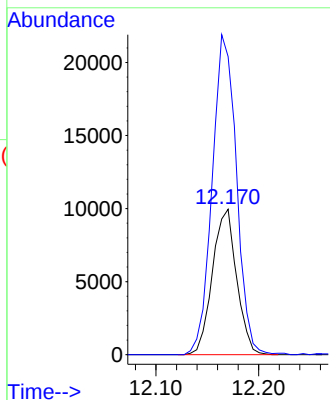
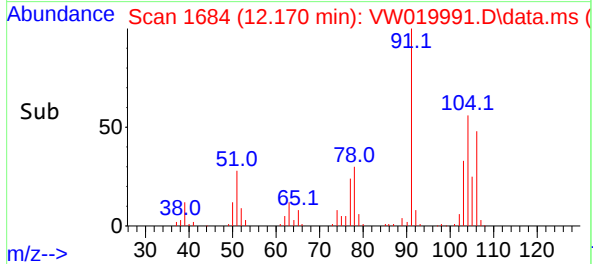




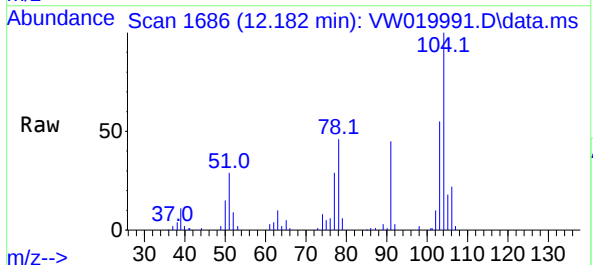
#69
o-Xylene
Concen: 4.263 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



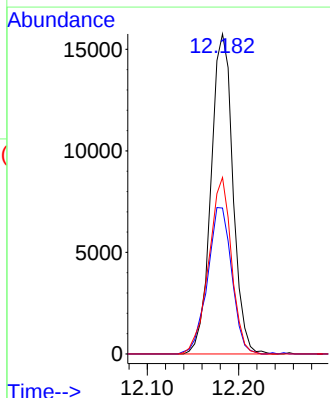
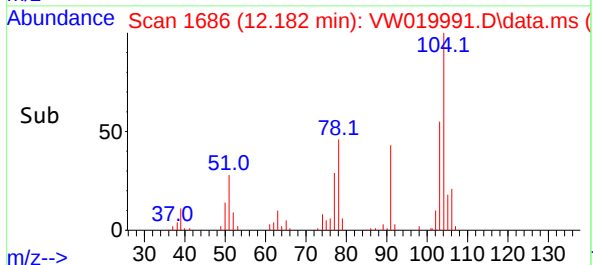
Tgt Ion:106 Resp: 16278
Ion Ratio Lower Upper
106 100
91 220.7 109.2 327.6



#70
Styrene
Concen: 4.048 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



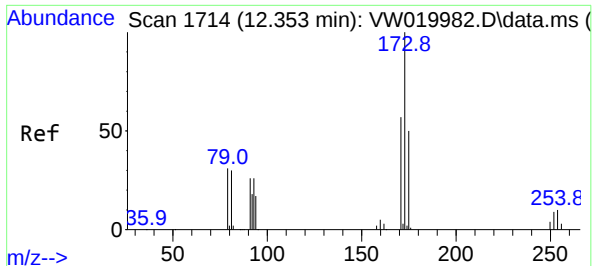
Tgt Ion:104 Resp: 26191
Ion Ratio Lower Upper
104 100
78 50.7 42.6 63.8
103 57.0 43.8 65.6



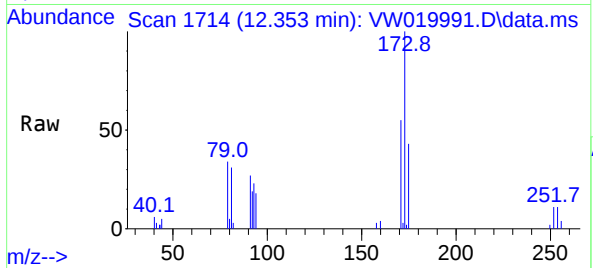
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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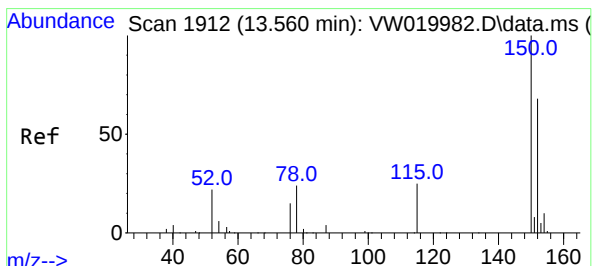
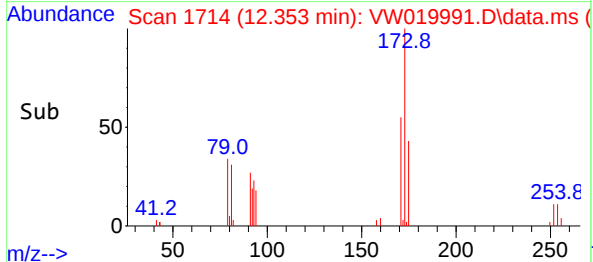
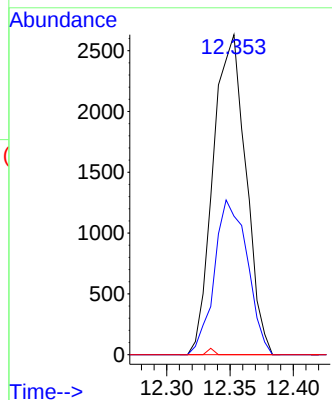
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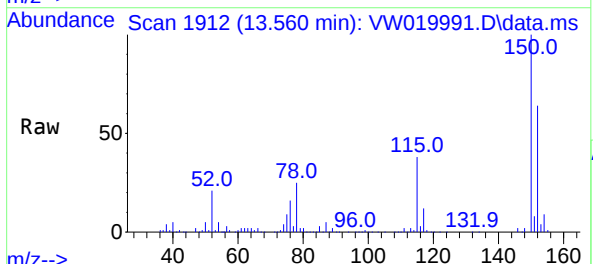
#71
Bromoform
Concen: 4.503 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



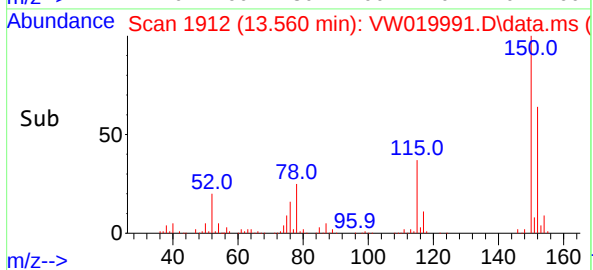
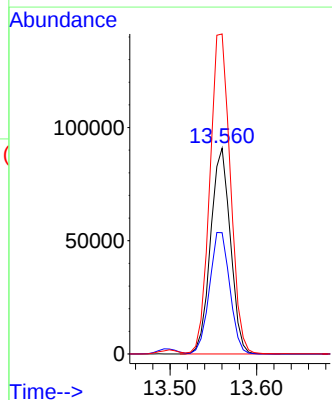
Tgt Ion:173 Resp: 4729
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.4 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



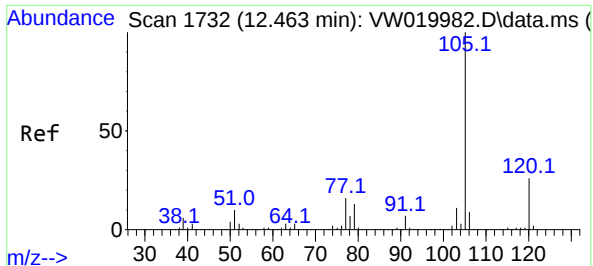
Tgt Ion:152 Resp: 144052
Ion Ratio Lower Upper
152 100
115 60.6 30.8 92.3
150 160.8 0.0 359.2



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

Manual Integrations
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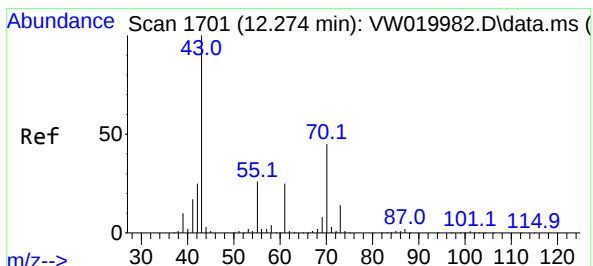
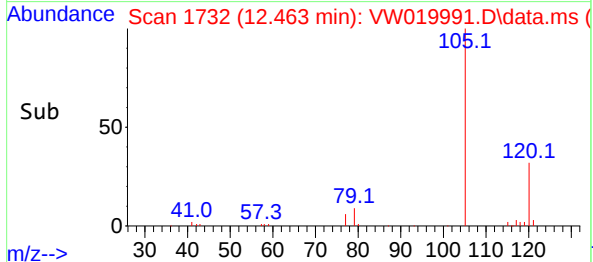
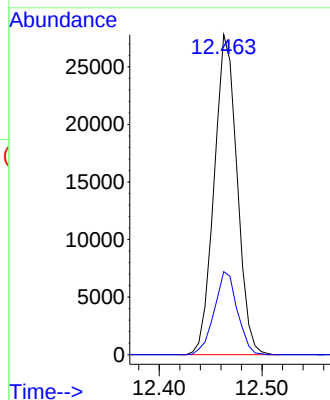
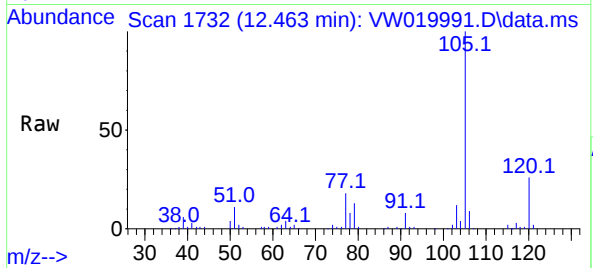
#73
Isopropylbenzene
Concen: 4.231 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 105 Resp: 43120
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

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

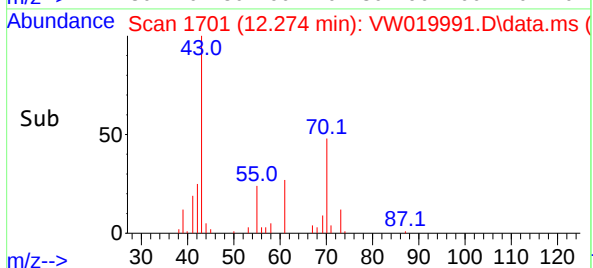
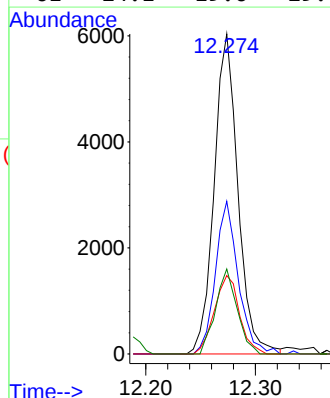
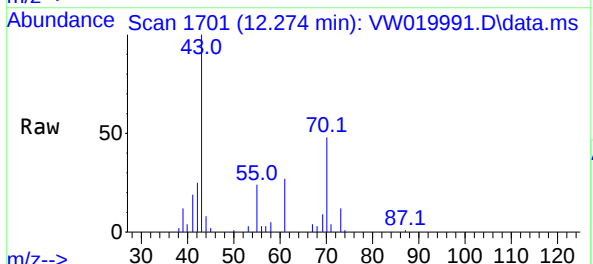
Manual Integrations
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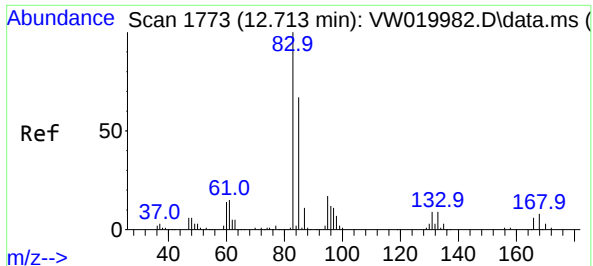
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#74
N-ethyl acetate
Concen: 4.351 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 43 Resp: 9101
Ion Ratio Lower Upper
43 100
70 45.9 35.1 52.7
55 25.8 21.4 32.2
61 24.1 19.6 29.4





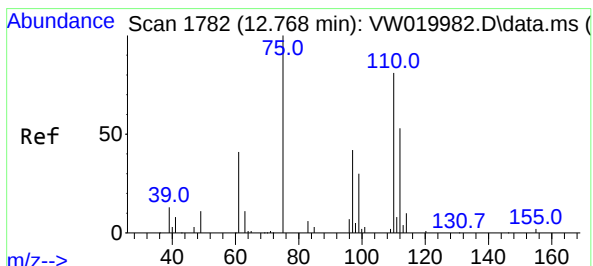
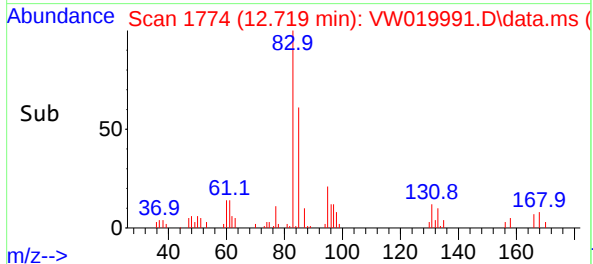
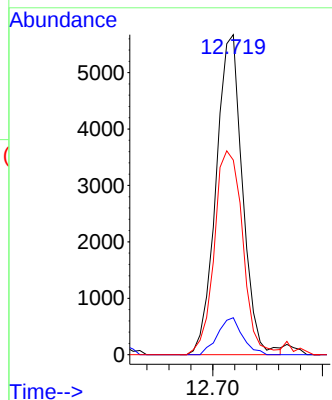
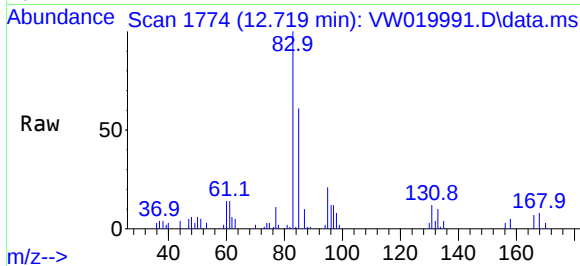
#75
1,1,2,2-Tetrachloroethane
Concen: 5.080 ug/l
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 83 Resp: 9508
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.8
85 68.2 32.8 98.4

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

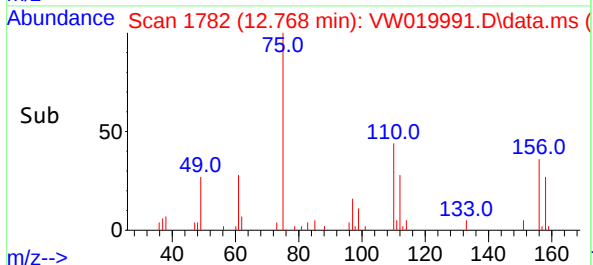
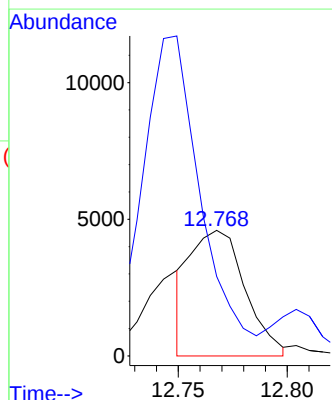
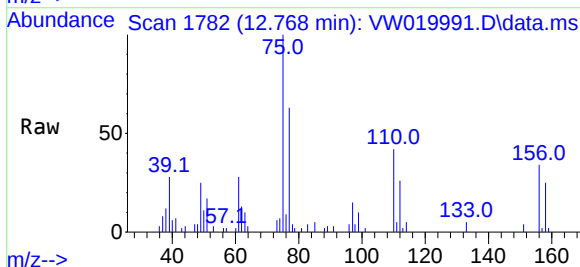
Manual Integrations
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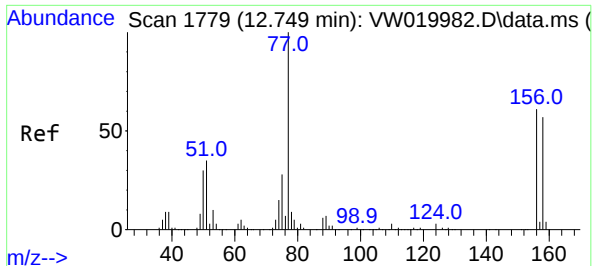
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#76
1,2,3-Trichloropropane
Concen: 6.010 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 75 Resp: 8042
Ion Ratio Lower Upper
75 100
77 271.8 0.0 0.0#





#77
Bromobenzene
Concen: 4.858 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

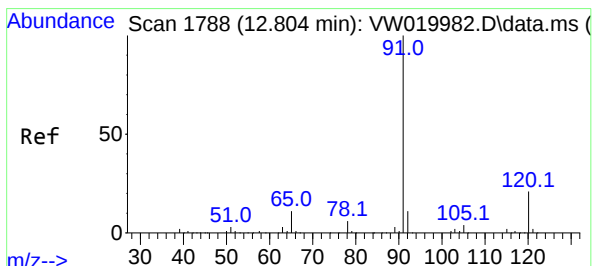
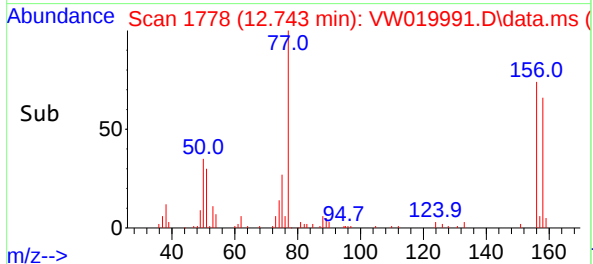
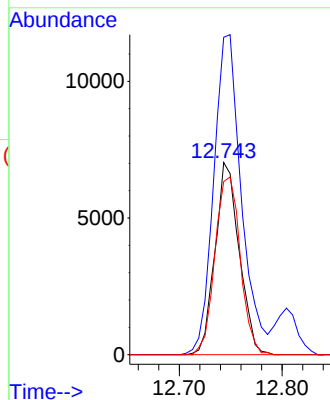
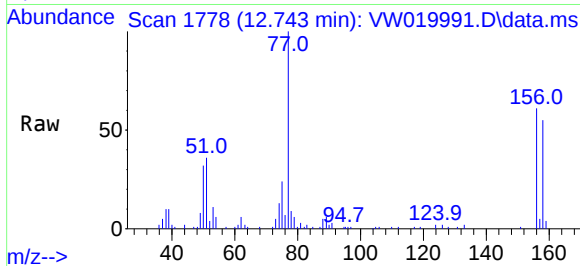
Tgt Ion: 156 Resp: 11486

Ion	Ratio	Lower	Upper
156	100		
77	190.3	96.6	289.8
158	96.8	48.6	145.9

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

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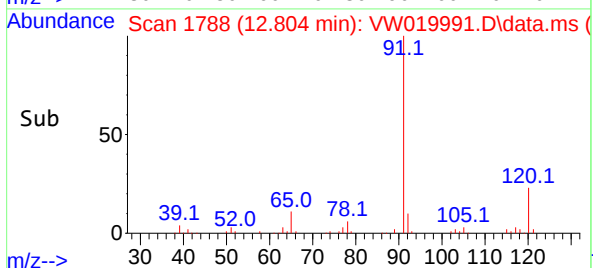
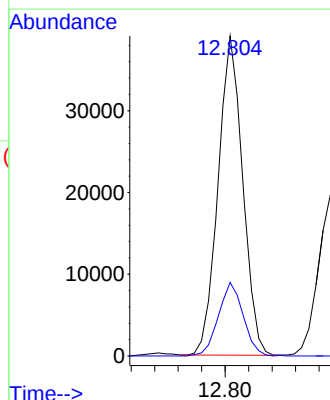
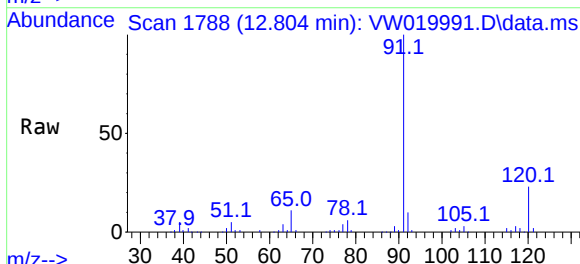
MMDadoda
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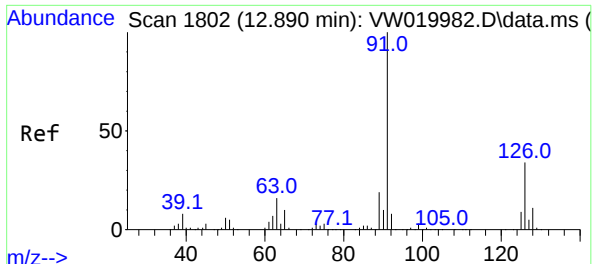


#78
n-propylbenzene
Concen: 4.430 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 91 Resp: 56862

Ion	Ratio	Lower	Upper
91	100		
120	23.1	10.9	32.7





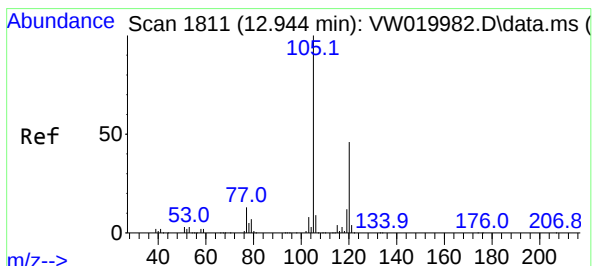
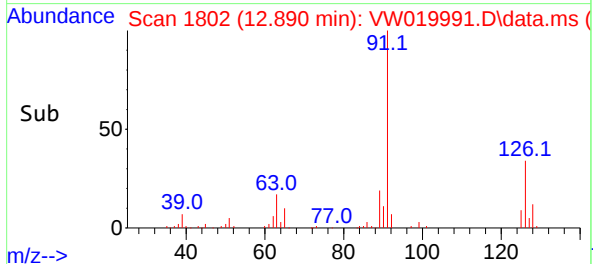
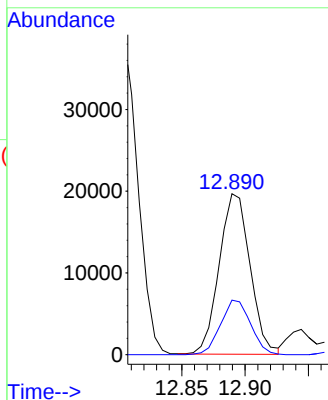
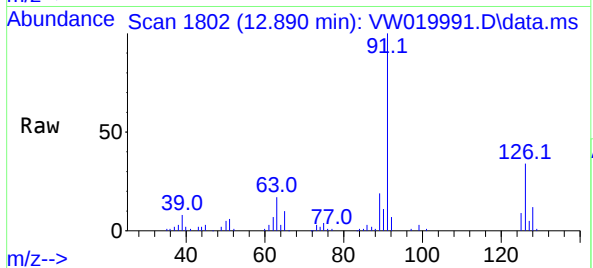
#79
2-Chlorotoluene
Concen: 4.465 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 91 Resp: 33353
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2

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

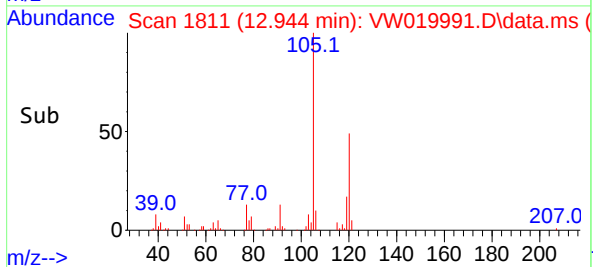
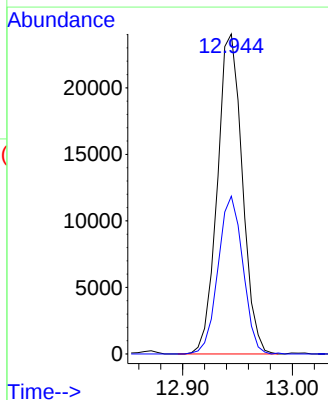
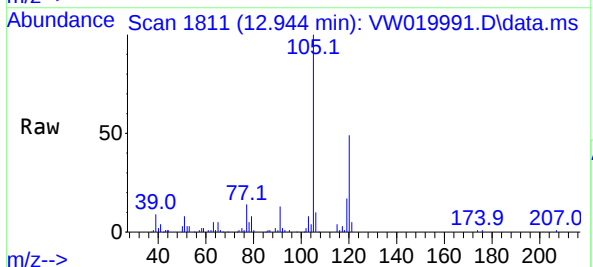
Manual Integrations
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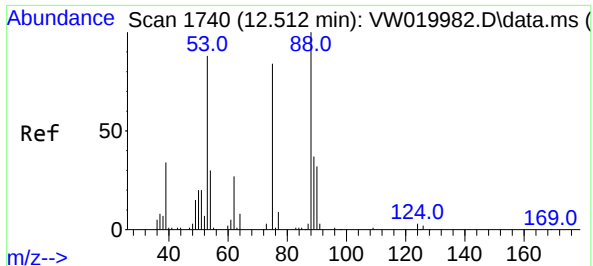
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#80
1,3,5-Trimethylbenzene
Concen: 4.238 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

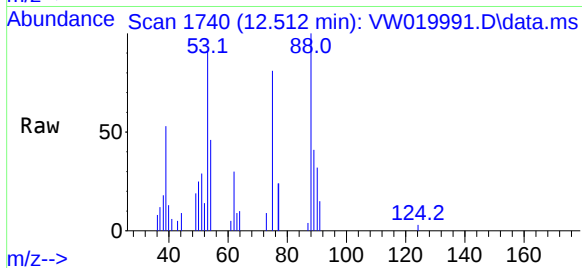
Tgt Ion: 105 Resp: 38072
Ion Ratio Lower Upper
105 100
120 49.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.192 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

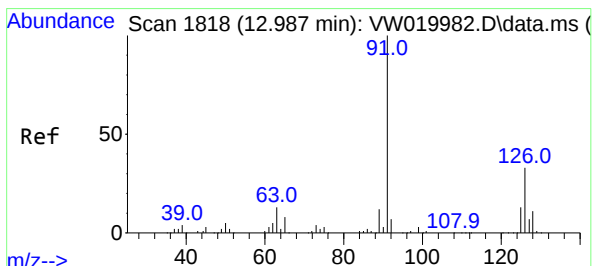
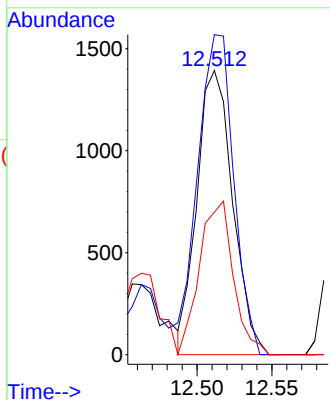
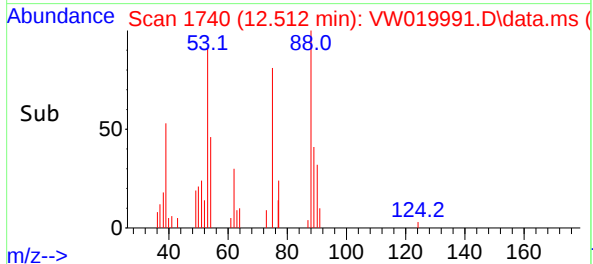
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



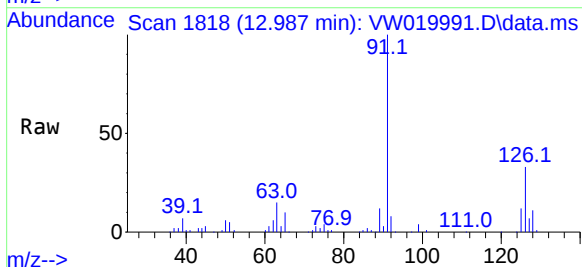
Tgt Ion: 75 Resp: 2317
Ion Ratio Lower Upper
75 100
53 115.2 86.1 129.1
89 51.2 37.7 56.5

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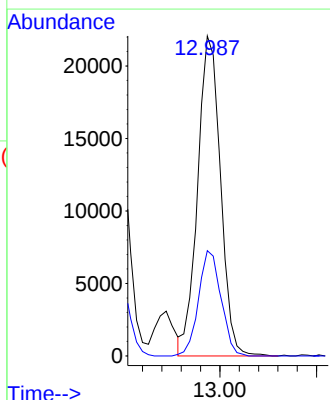
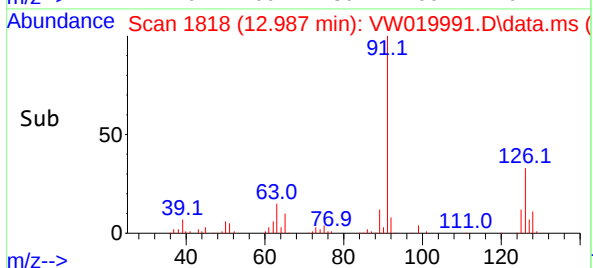
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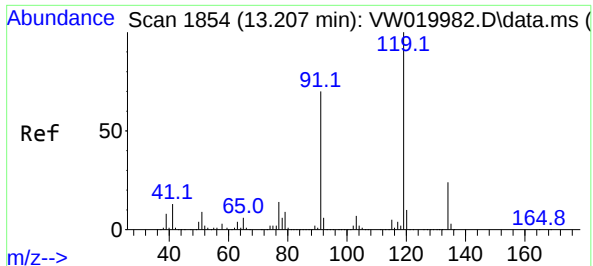


#82
4-Chlorotoluene
Concen: 4.615 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



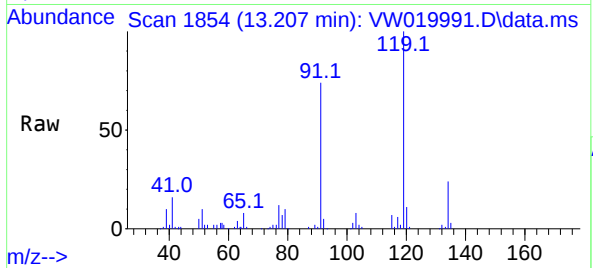
Tgt Ion: 91 Resp: 36248
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 4.110 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

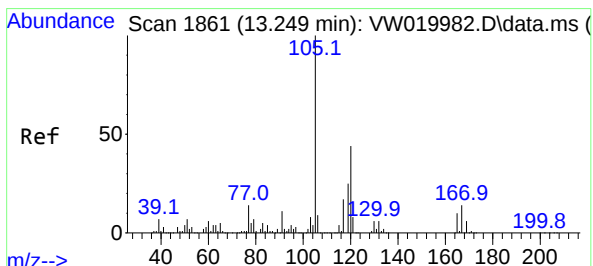
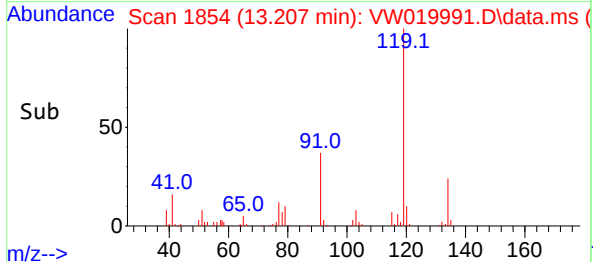
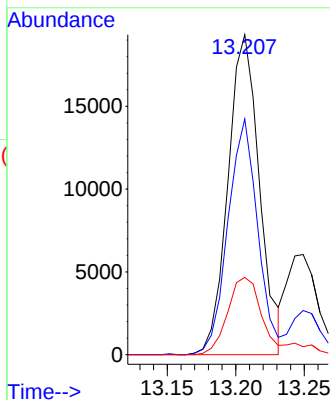
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



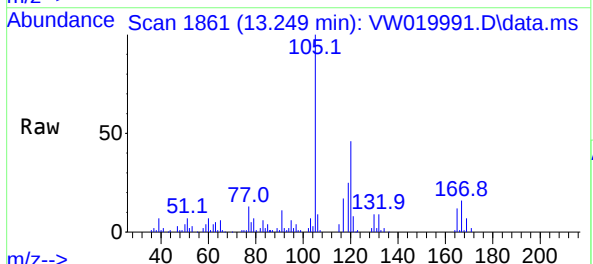
Tgt Ion:119 Resp: 30934
Ion Ratio Lower Upper
119 100
91 69.5 35.0 105.0
134 26.2 12.4 37.2

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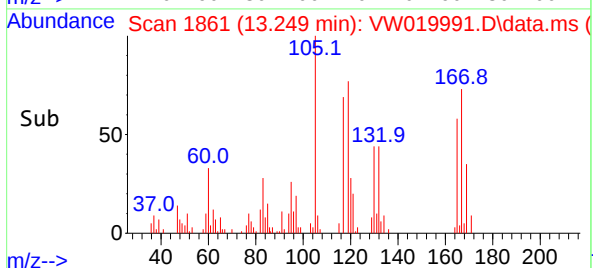
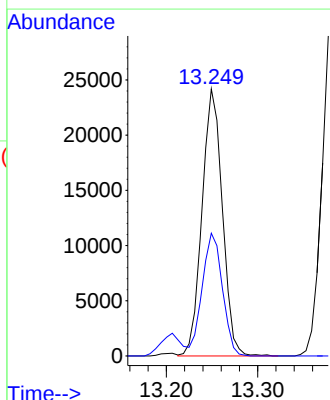
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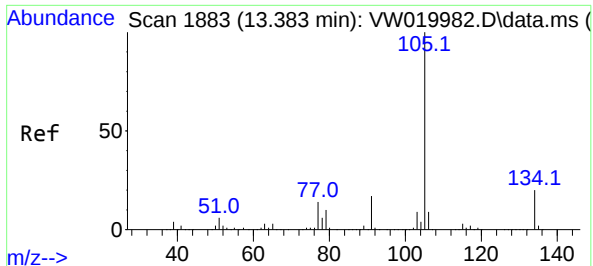


#84
1,2,4-Trimethylbenzene
Concen: 4.244 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



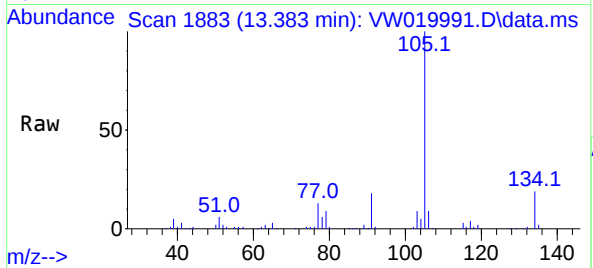
Tgt Ion:105 Resp: 37338
Ion Ratio Lower Upper
105 100
120 45.4 21.4 64.3





#85
sec-Butylbenzene
Concen: 4.384 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

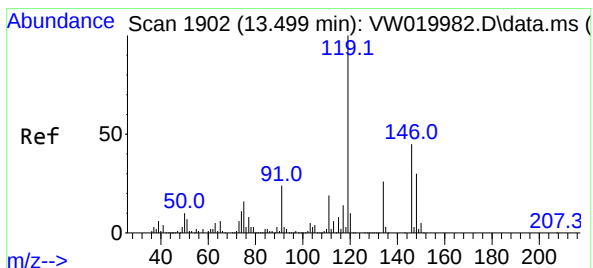
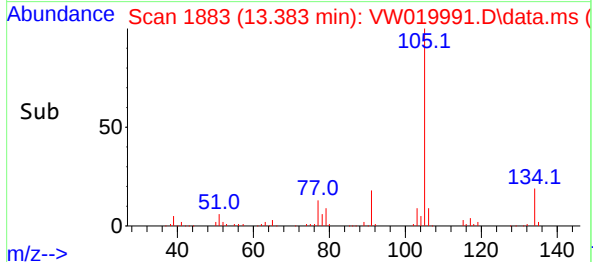
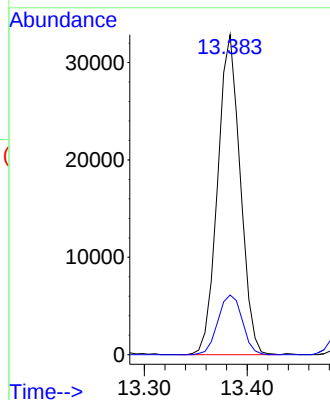
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



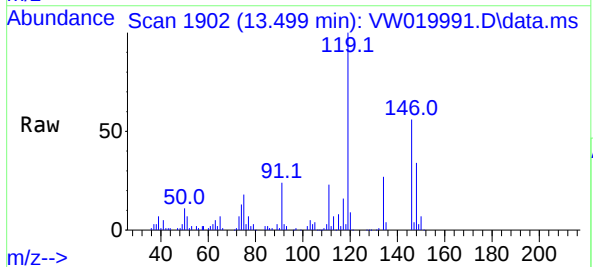
Tgt Ion:105 Resp: 50095
Ion Ratio Lower Upper
105 100
134 20.1 10.1 30.1

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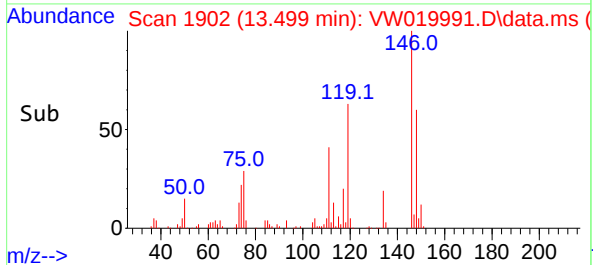
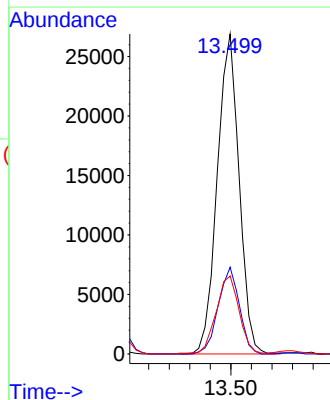
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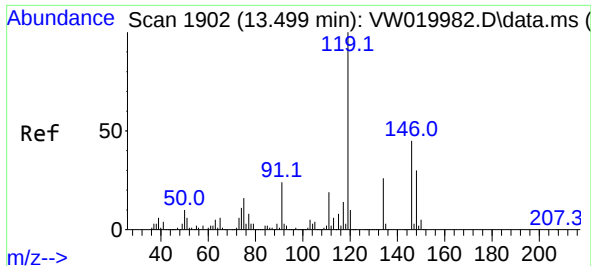


#86
p-Isopropyltoluene
Concen: 4.122 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



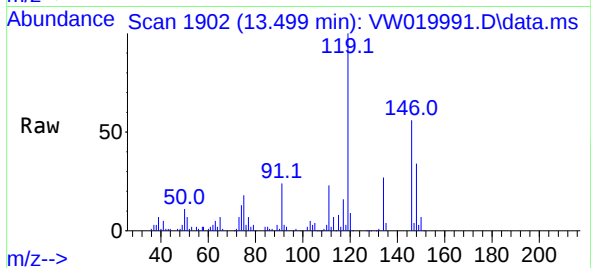
Tgt Ion:119 Resp: 39660
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.4
91 25.8 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 4.783 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

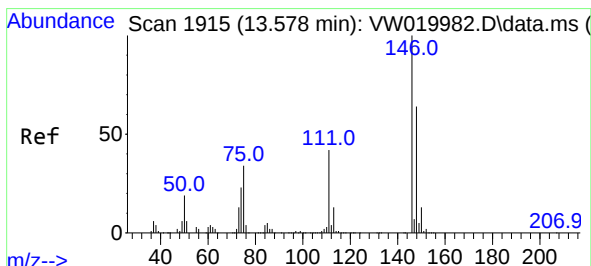
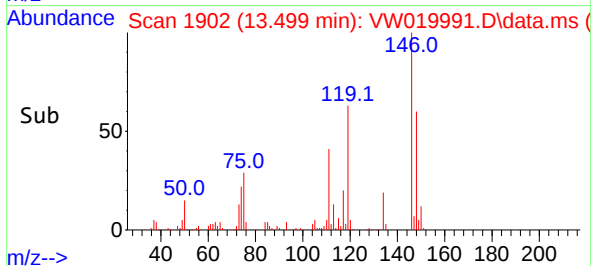
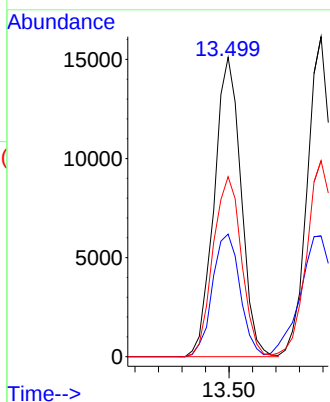
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



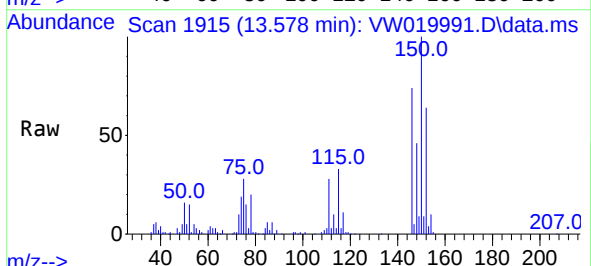
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.2
148	63.4	32.0	96.2

Manual Integrations
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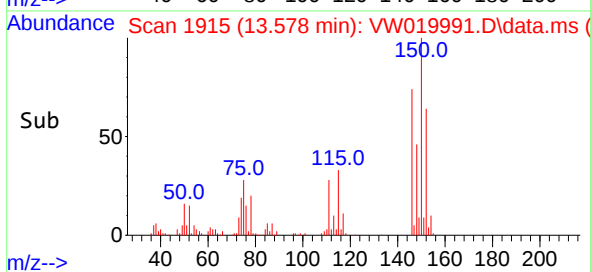
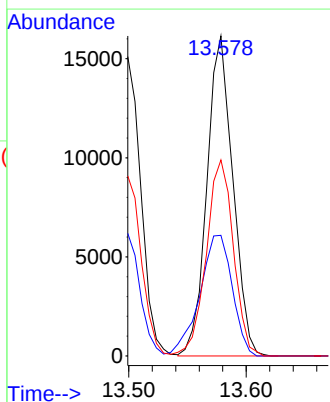
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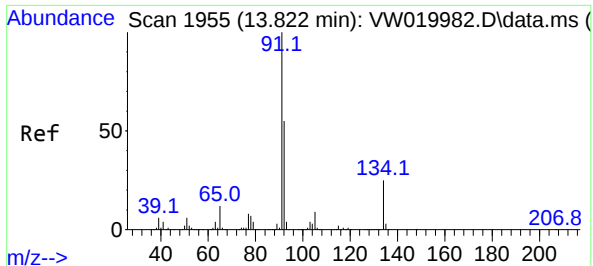


#88
1,4-Dichlorobenzene
Concen: 4.978 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



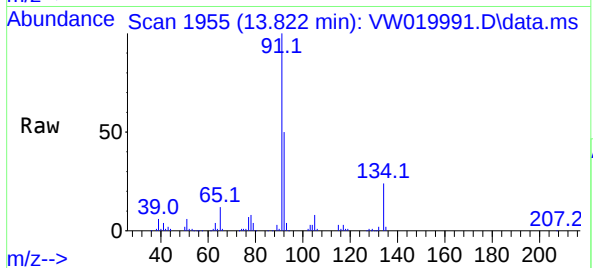
Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.5	20.9	62.8
148	64.2	31.7	95.1





#89
n-Butylbenzene
Concen: 4.142 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

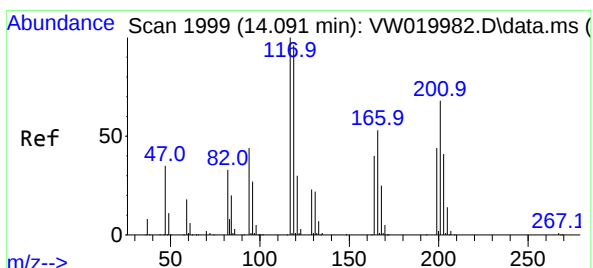
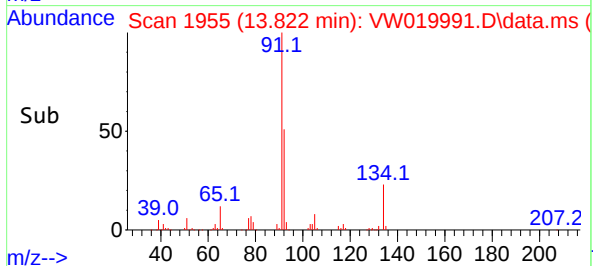
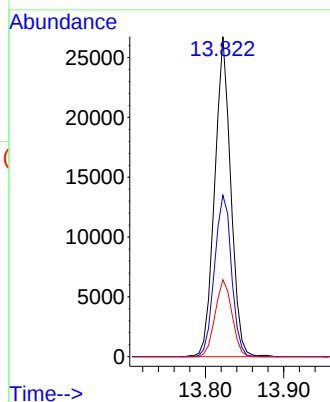
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion: 91 Resp: 38173
Ion Ratio Lower Upper
91 100
92 53.2 27.1 81.3
134 25.1 12.4 37.2

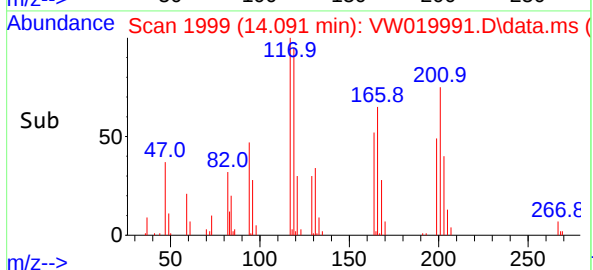
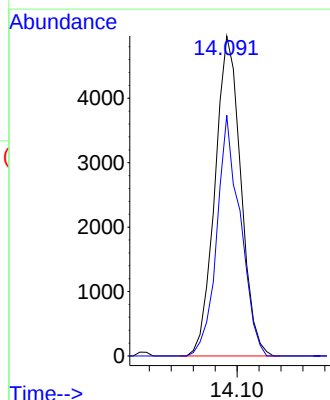
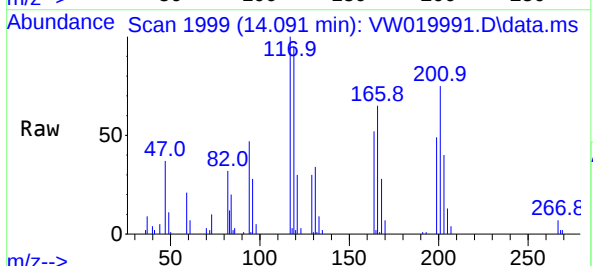
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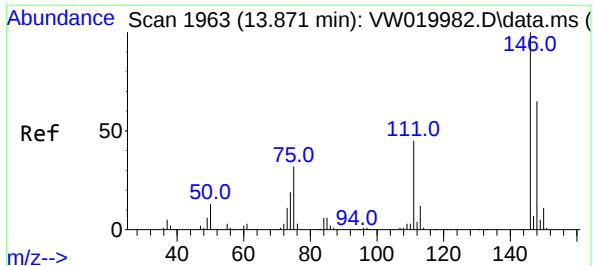
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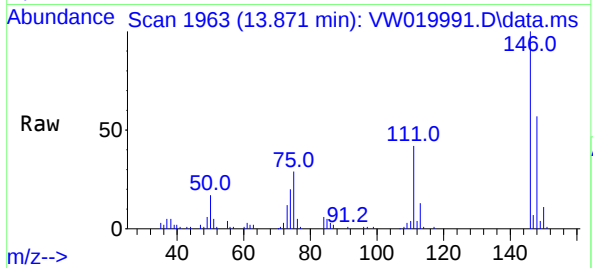
#90
Hexachloroethane
Concen: 4.429 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

Tgt Ion: 117 Resp: 8143
Ion Ratio Lower Upper
117 100
201 68.2 34.7 104.1





#91
1,2-Dichlorobenzene
Concen: 4.879 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



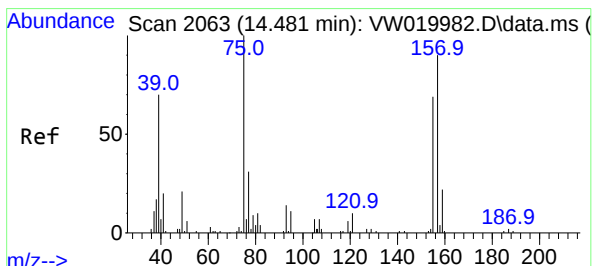
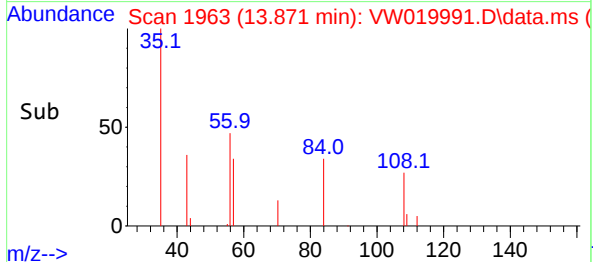
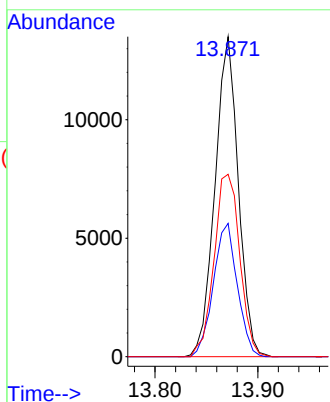
Tgt Ion: 146 Resp: 21246

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.4
148	63.0	31.9	95.5

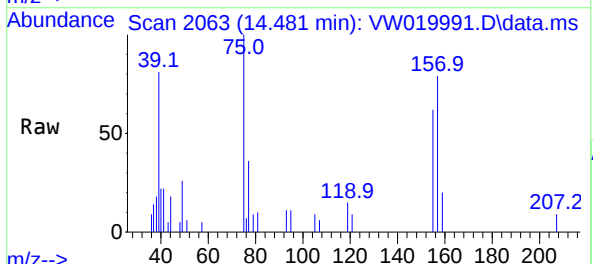
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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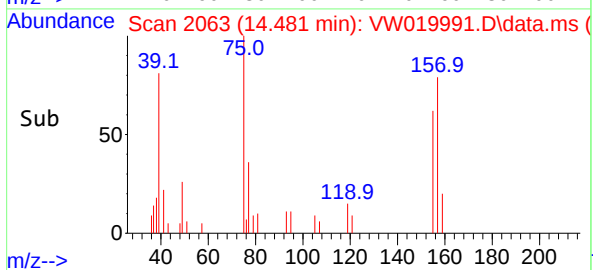
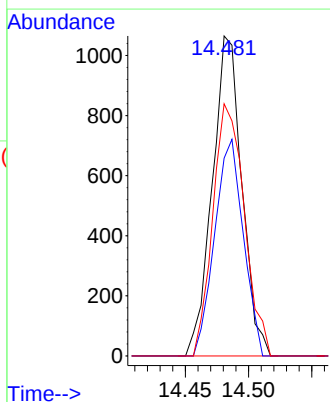


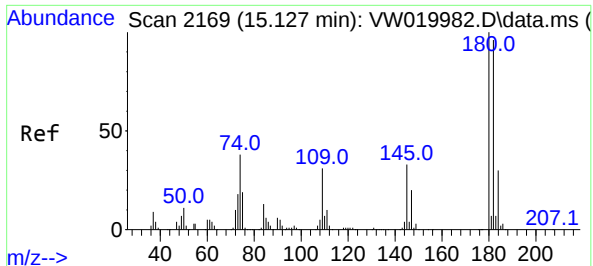
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.633 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion: 75 Resp: 1730

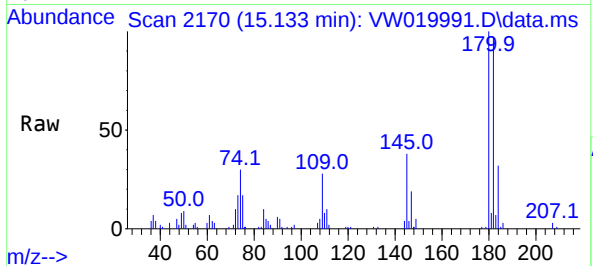
Ion	Ratio	Lower	Upper
75	100		
155	65.5	37.6	112.9
157	83.9	47.6	142.8





#93
1,2,4-Trichlorobenzene
Concen: 4.570 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

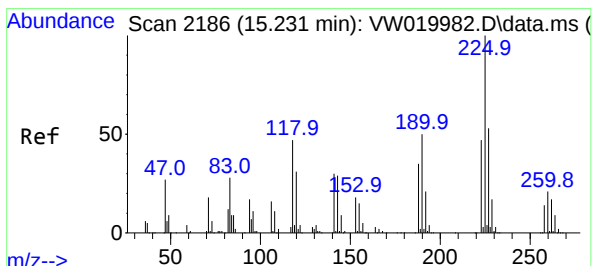
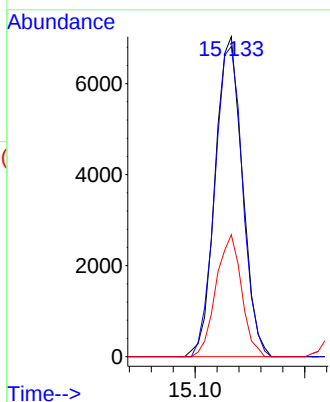
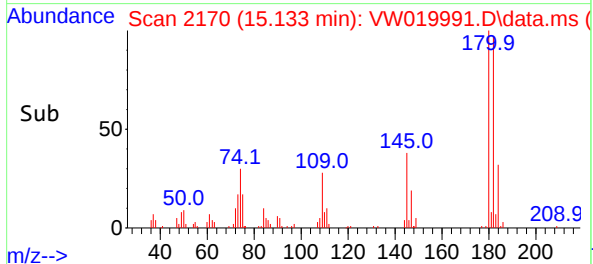
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2021



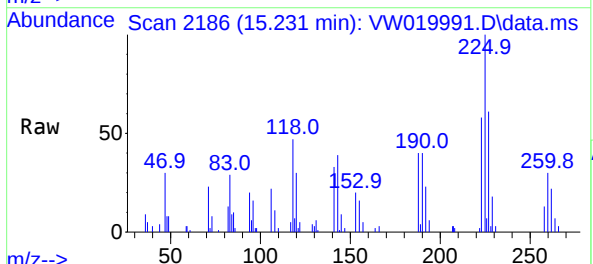
Tgt Ion:180 Resp: 12134
Ion Ratio Lower Upper
180 100
182 98.5 47.0 141.0
145 35.6 16.3 48.9

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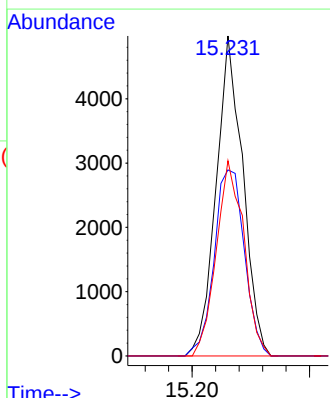
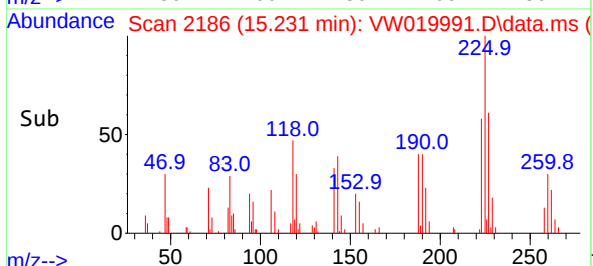
MMDadoda
9/8/2021 7:12:05 PM

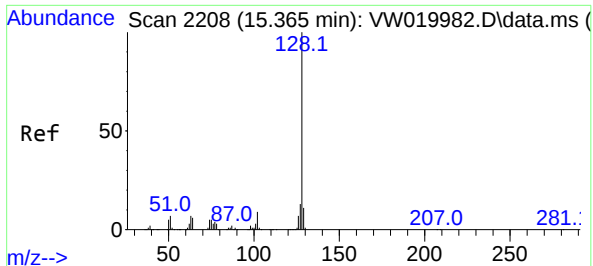


#94
Hexachlorobutadiene
Concen: 4.983 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54

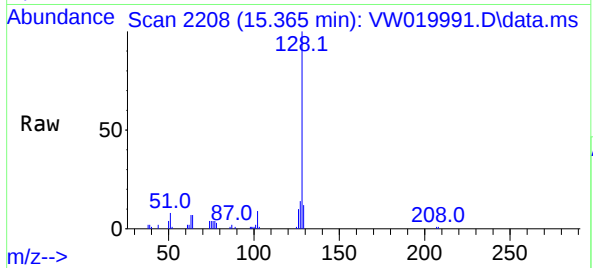


Tgt Ion:225 Resp: 7857
Ion Ratio Lower Upper
225 100
223 65.9 30.2 90.6
227 62.9 30.1 90.5

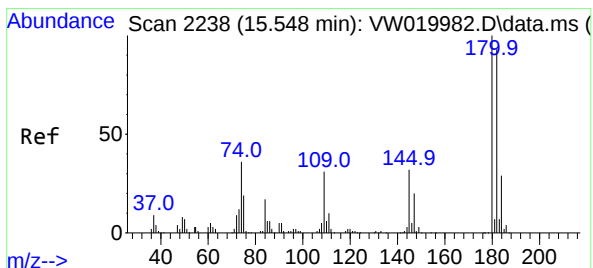
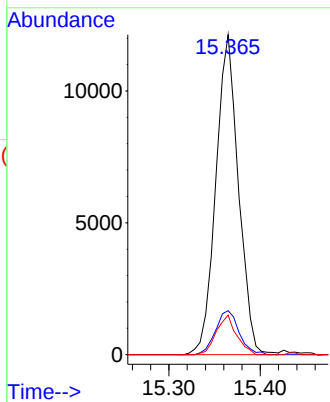
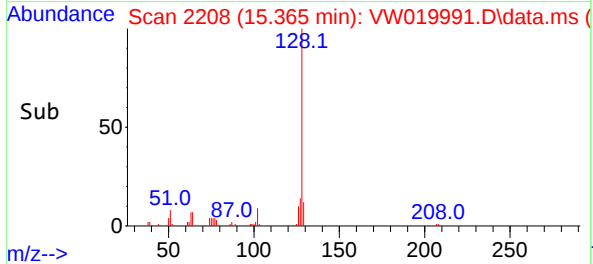




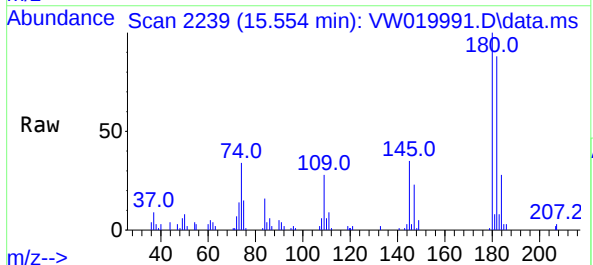
#95
Naphthalene
Concen: 4.551 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



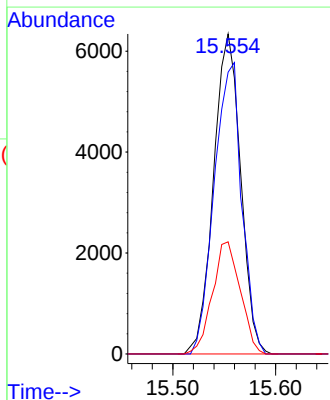
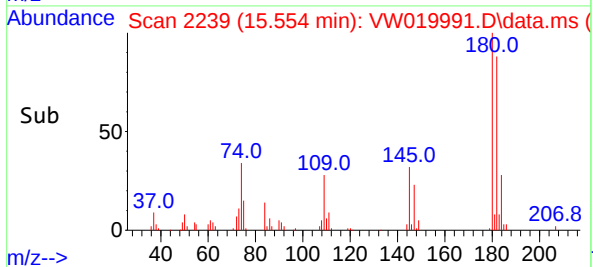
Tgt Ion:128 Resp: 20902
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.978 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019991.D
Acq: 07 Sep 2021 18:54



Tgt Ion:180 Resp: 11584
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.7
145 36.0 16.4 49.2



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

Manual Integrations
APPROVED

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