

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019990.D
 Acq On : 07 Sep 2021 18:30
 Operator : SY/VA
 Sample : M2940-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 08 12:36:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:35:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	194686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	324686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	298259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	148130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	108122	47.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.891	113	99839	46.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.323	98	374263	47.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.621	95	128798	43.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	4040m	3.417	ug/l	
3) Chloromethane	2.215	50	7716	4.384	ug/l	91
4) Vinyl Chloride	2.367	62	11239	3.938	ug/l	93
5) Bromomethane	2.782	94	9316	4.027	ug/l	96
6) Chloroethane	2.934	64	7317	3.722	ug/l	98
7) Trichlorofluoromethane	3.263	101	5769	3.533	ug/l	97
8) Diethyl Ether	3.696	74	4014	4.015	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.068	101	8224	3.858	ug/l	99
10) Methyl Iodide	4.281	142	10941	3.747	ug/l #	93
11) Tert butyl alcohol	5.165	59	2509m	23.193	ug/l	
12) 1,1-Dichloroethene	4.050	96	7701	3.834	ug/l	85
13) Acrolein	3.910	56	1544	18.731	ug/l	89
14) Allyl chloride	4.672	41	10301	3.770	ug/l	99
15) Acrylonitrile	5.373	53	8176	19.625	ug/l	98
16) Acetone	4.129	43	8456	23.294	ug/l	95
17) Carbon Disulfide	4.391	76	22556	3.690	ug/l #	92
18) Methyl Acetate	4.684	43	4425	4.294	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	9931	3.747	ug/l #	91
20) Methylene Chloride	4.922	84	23404	8.574	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	8798	3.856	ug/l	90
22) Diisopropyl ether	6.318	45	20120	3.475	ug/l	95
23) Vinyl Acetate	6.263	43	51809	16.404	ug/l	97
24) 1,1-Dichloroethane	6.226	63	15831	3.862	ug/l	96
25) 2-Butanone	7.177	43	10019	19.251	ug/l	91
26) 2,2-Dichloropropane	7.171	77	9688	3.908	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	9235	3.790	ug/l	97
28) Bromochloromethane	7.519	49	6513	4.003	ug/l	99
29) Tetrahydrofuran	7.531	42	5976	18.457	ug/l	97
30) Chloroform	7.677	83	17273	3.999	ug/l	97
31) Cyclohexane	7.958	56	17276	4.689	ug/l #	82
32) 1,1,1-Trichloroethane	7.878	97	13681	3.914	ug/l	97
36) 1,1-Dichloropropene	8.086	75	12782	3.742	ug/l	100
37) Ethyl Acetate	7.269	43	5494	4.375	ug/l	95
38) Carbon Tetrachloride	8.073	117	12855	3.691	ug/l	95
39) Methylcyclohexane	9.342	83	13601	3.436	ug/l	97
40) Benzene	8.330	78	35482	3.771	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	2439	3.509	ug/l	95
42) 1,2-Dichloroethane	8.403	62	11272	3.902	ug/l	98
43) Isopropyl Acetate	8.421	43	8669	3.637	ug/l	99
44) Trichloroethene	9.098	130	9740	3.945	ug/l	93
45) 1,2-Dichloropropane	9.372	63	8669	3.789	ug/l	100
46) Dibromomethane	9.463	93	4862	3.767	ug/l	98
47) Bromodichloromethane	9.646	83	11826	3.678	ug/l	97
48) Methyl methacrylate	9.439	41	2983	2.861	ug/l #	82
49) 1,4-Dioxane	9.457	88	1142	69.280	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	21474	17.377	ug/l	98
52) Toluene	10.390	92	23188	3.893	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	10714	3.473	ug/l	92
54) cis-1,3-Dichloropropene	10.073	75	12365	3.443	ug/l	94
55) 1,1,2-Trichloroethane	10.786	97	6592	3.769	ug/l	90
56) Ethyl methacrylate	10.646	69	6416	3.280	ug/l	95
57) 1,3-Dichloropropane	10.933	76	11079	3.692	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.927	63	13884	15.545	ug/l	99
59) 2-Hexanone	10.969	43	13781	16.687	ug/l	96
60) Dibromochloromethane	11.128	129	7275	3.593	ug/l	97
61) 1,2-Dibromoethane	11.238	107	6096	3.722	ug/l	99
64) Tetrachloroethene	10.866	164	7774	3.756	ug/l	94
65) Chlorobenzene	11.658	112	24084	3.757	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.731	131	8224	3.600	ug/l	98
67) Ethyl Benzene	11.731	91	39942	3.532	ug/l	99
68) m/p-Xylenes	11.841	106	30468	6.826	ug/l	98
69) o-Xylene	12.164	106	13488	3.298	ug/l	99
70) Styrene	12.182	104	21804	3.146	ug/l	98
71) Bromoform	12.353	173	3809	3.386	ug/l #	99
73) Isopropylbenzene	12.463	105	35688	3.405	ug/l	98
74) N-amyl acetate	12.274	43	6882	3.199	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.719	83	7605	3.951	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	6228m	4.526	ug/l	
77) Bromobenzene	12.743	156	9756	4.013	ug/l	97
78) n-propylbenzene	12.804	91	47738	3.617	ug/l	96
79) 2-Chlorotoluene	12.890	91	28264	3.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	31737	3.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	1840m	3.237	ug/l	
82) 4-Chlorotoluene	12.987	91	30265	3.747	ug/l	99
83) tert-Butylbenzene	13.207	119	25436	3.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	30918	3.417	ug/l	100
85) sec-Butylbenzene	13.384	105	40973	3.487	ug/l	98
86) p-Isopropyltoluene	13.499	119	32337	3.269	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	18910	3.668	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	20161	3.941	ug/l	92
89) n-Butylbenzene	13.822	91	32606	3.440	ug/l	97
90) Hexachloroethane	14.091	117	6870	3.634	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	17692	3.951	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1251	3.961	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	9696	3.552	ug/l	96
94) Hexachlorobutadiene	15.237	225	6418	3.958	ug/l	96
95) Naphthalene	15.365	128	16125	3.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	8953	3.741	ug/l	99

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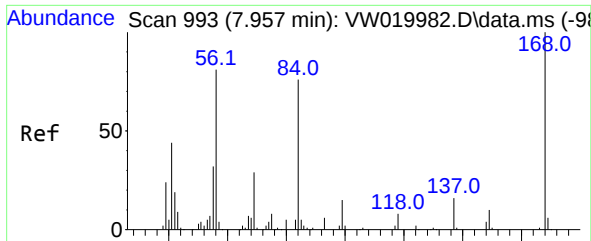
Manual Integrations
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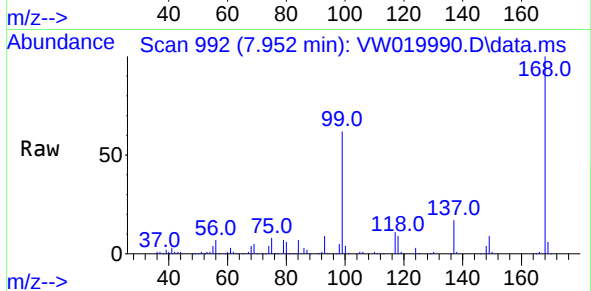
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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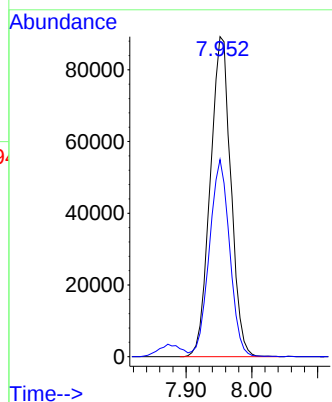
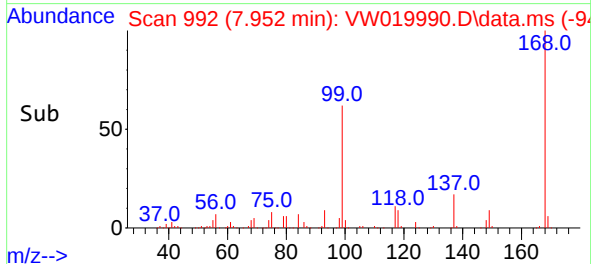
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.005 min
Lab File: VW019990.D
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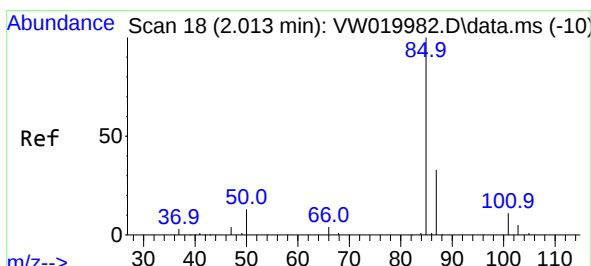
Tgt Ion:168 Resp: 194686
Ion Ratio Lower Upper
168 100
99 61.6 42.9 64.3



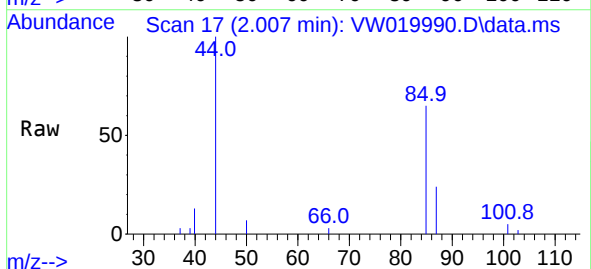
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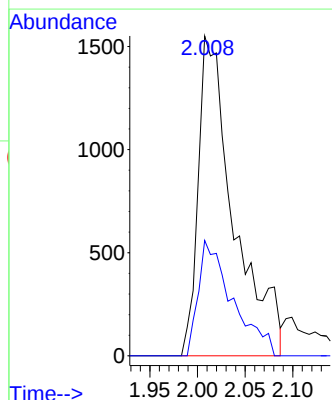
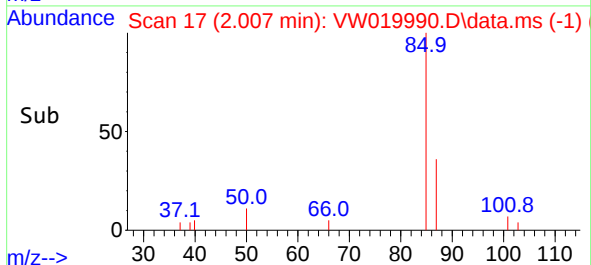
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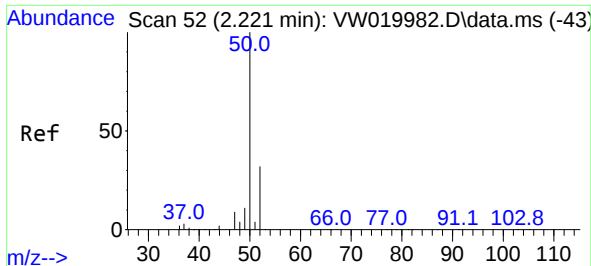


#2
Dichlorodifluoromethane
Concen: 3.417 ug/l m
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



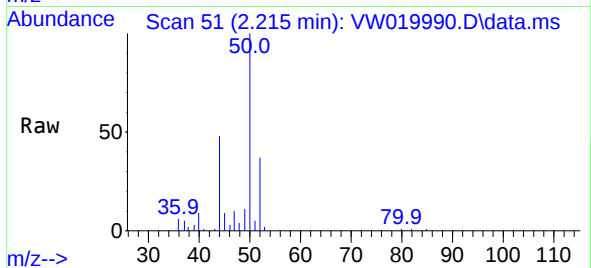
Tgt Ion: 85 Resp: 4040
Ion Ratio Lower Upper
85 100
87 36.1 16.7 50.0





#3
Chloromethane
Concen: 4.384 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

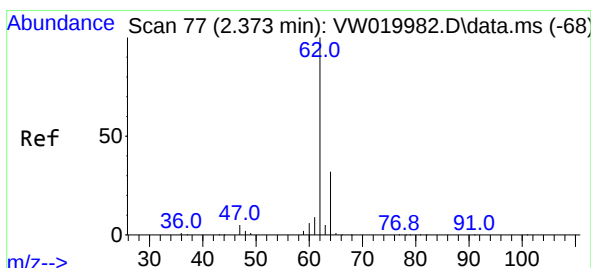
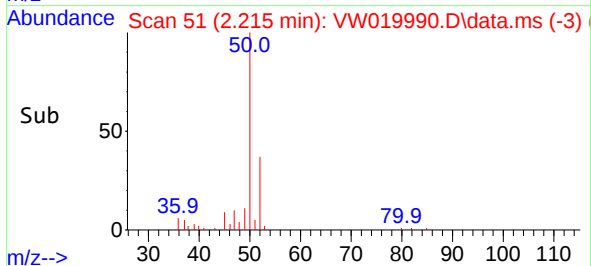
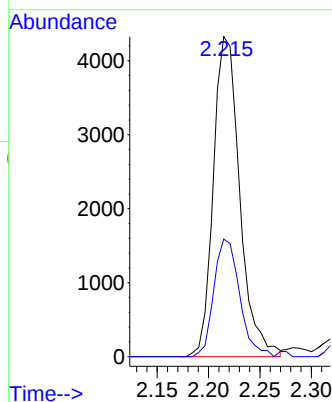
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Tgt Ion: 50 Resp: 7716
Ion Ratio Lower Upper
50 100
52 36.7 25.5 38.3

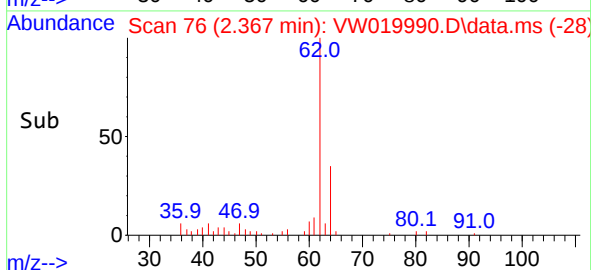
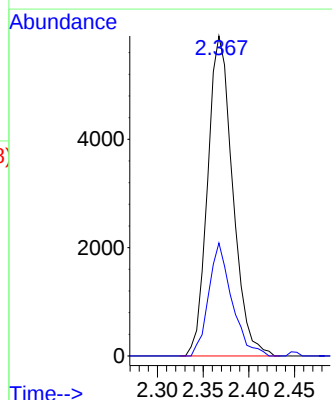
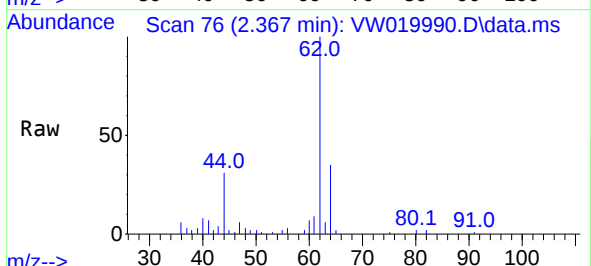
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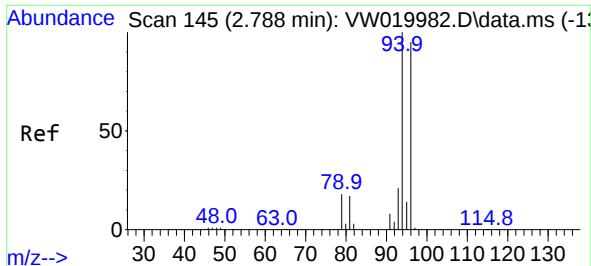
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#4
Vinyl Chloride
Concen: 3.938 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

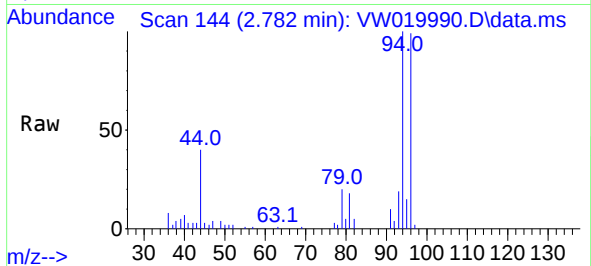
Tgt Ion: 62 Resp: 11239
Ion Ratio Lower Upper
62 100
64 35.3 25.3 37.9





#5
Bromomethane
Concen: 4.027 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

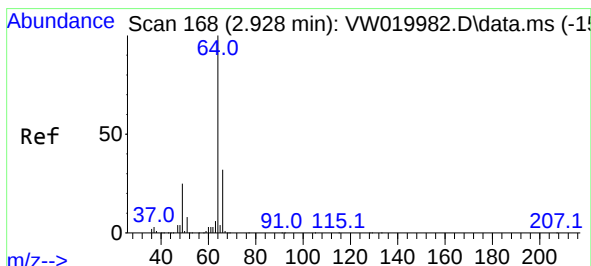
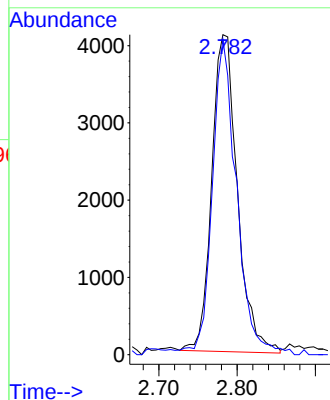
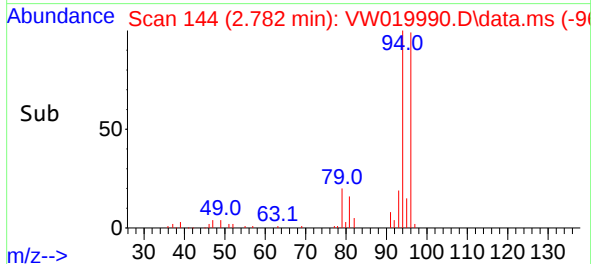
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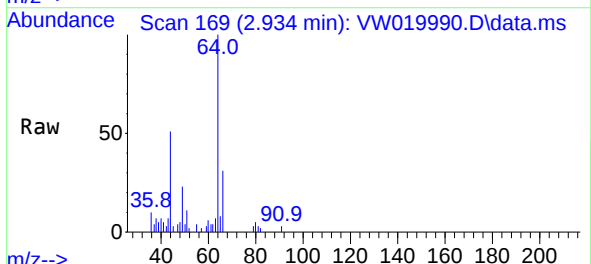
Tgt Ion: 94 Resp: 9316
Ion Ratio Lower Upper
94 100
96 98.4 75.7 113.5

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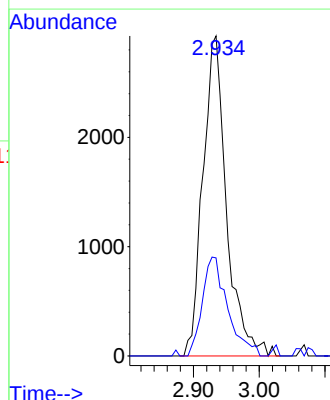
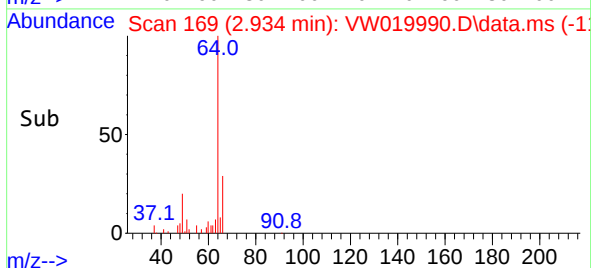
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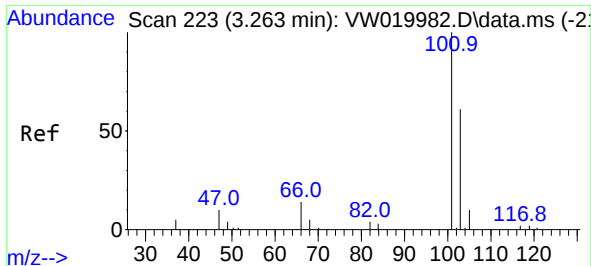


#6
Chloroethane
Concen: 3.722 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 64 Resp: 7317
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2





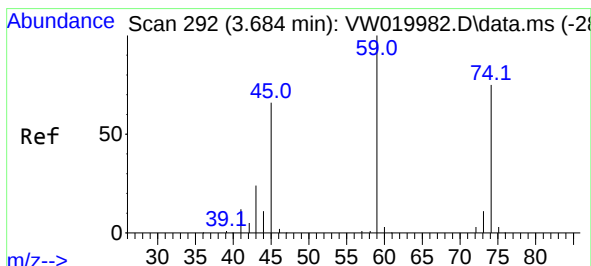
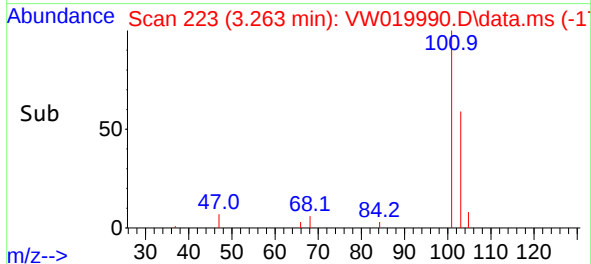
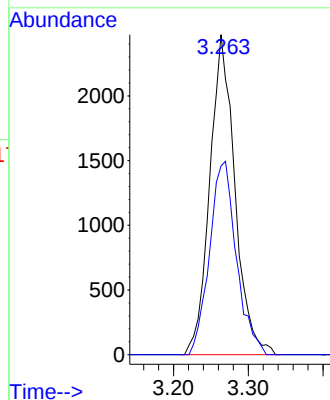
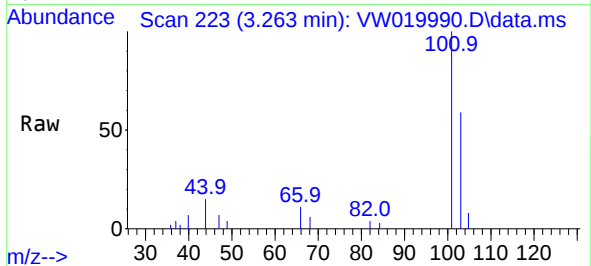
#7
 Trichlorofluoromethane
 Concen: 3.533 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. 0.000 min
 Lab File: VW019990.D
 Acq: 07 Sep 2021 18:30

Tgt Ion: 101 Resp: 5769
 Ion Ratio Lower Upper
 101 100
 103 59.0 48.8 73.2

Instrument :
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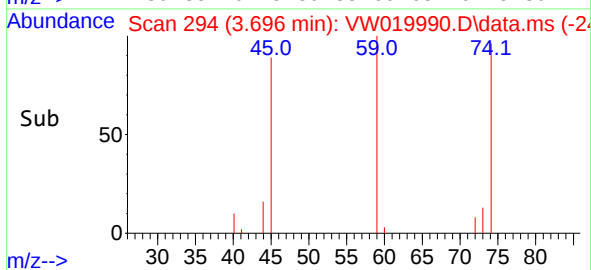
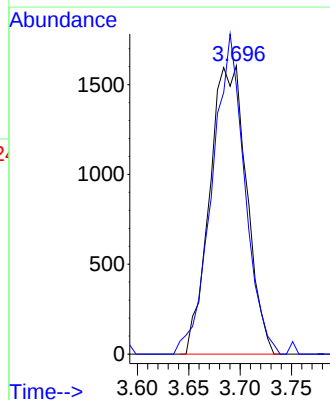
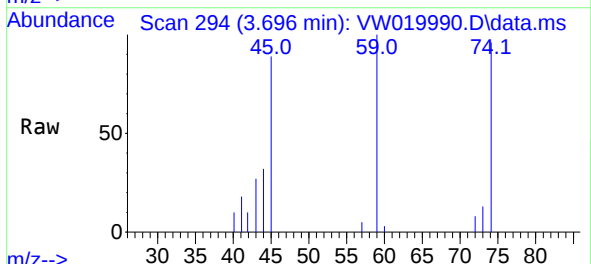
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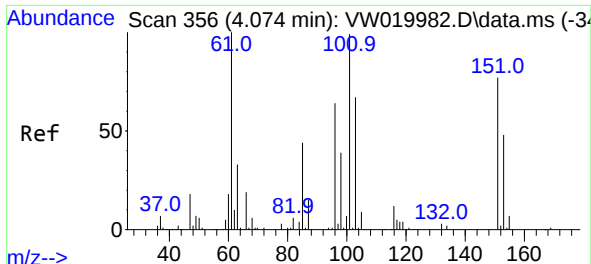
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#8
 Diethyl Ether
 Concen: 4.015 ug/l
 RT: 3.696 min Scan# 294
 Delta R.T. 0.012 min
 Lab File: VW019990.D
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Tgt Ion: 74 Resp: 4014
 Ion Ratio Lower Upper
 74 100
 45 97.9 44.5 133.7





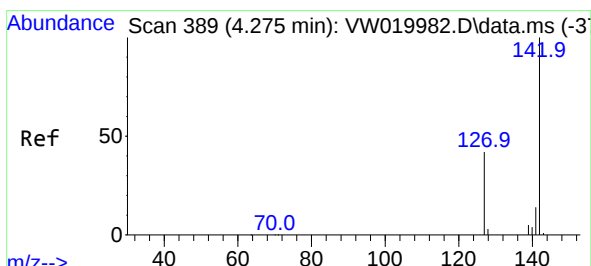
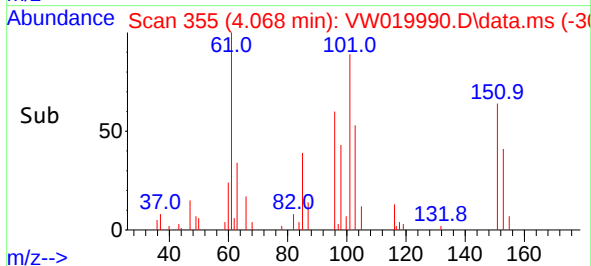
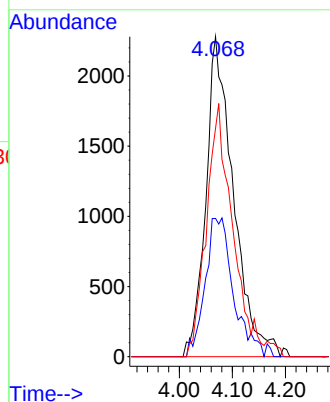
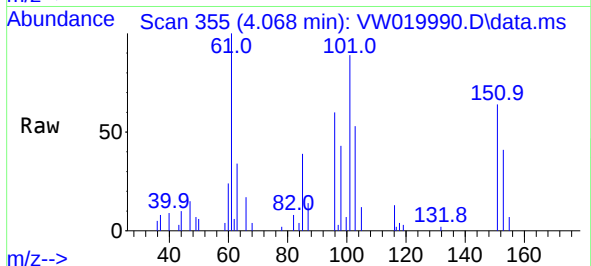
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.858 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	101	Resp:	8224
Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.6	54.8
151	74.9	59.9	89.9

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

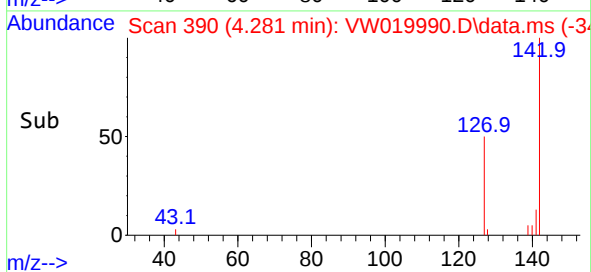
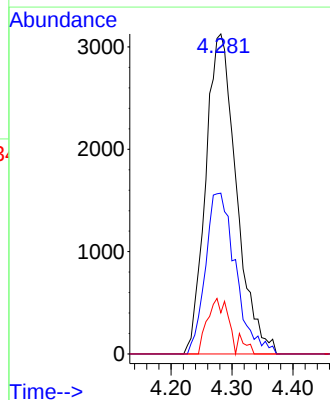
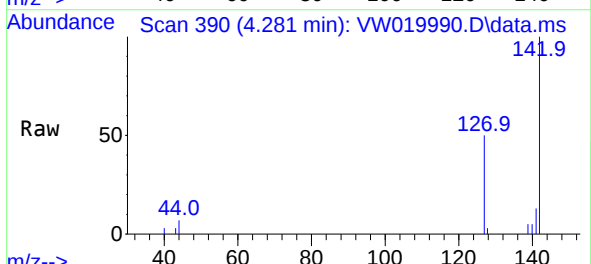
Manual Integrations
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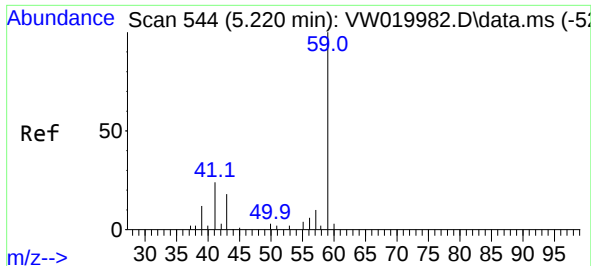
MMDadoda
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#10
Methyl Iodide
Concen: 3.747 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	142	Resp:	10941
Ion	Ratio	Lower	Upper
142	100		
127	49.4	36.4	54.6
141	11.4	11.8	17.8#





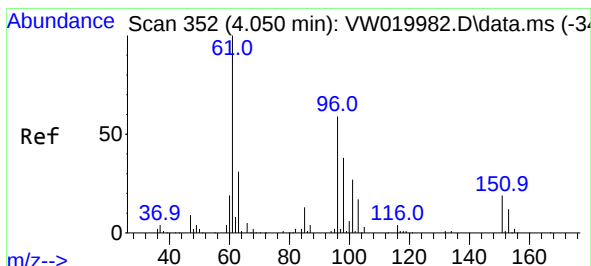
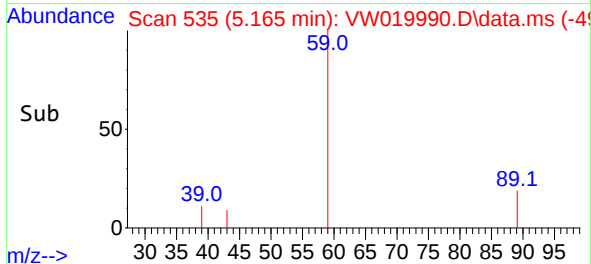
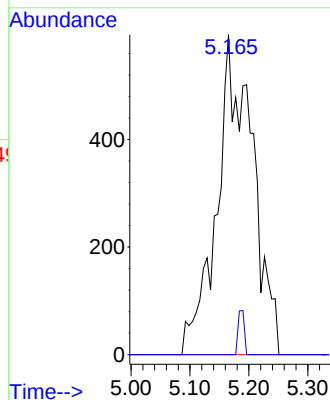
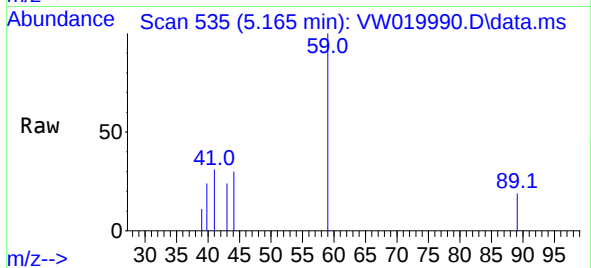
#11
Tert butyl alcohol
Concen: 23.193 ug/l m
RT: 5.165 min Scan# 535
Delta R.T. -0.055 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 59 Resp: 2509
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

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

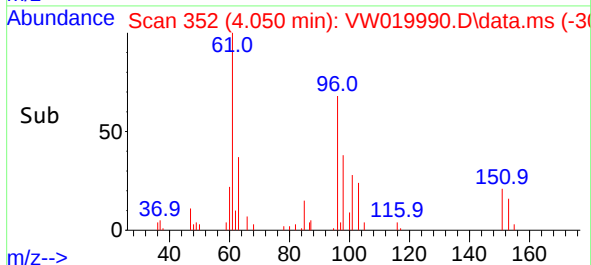
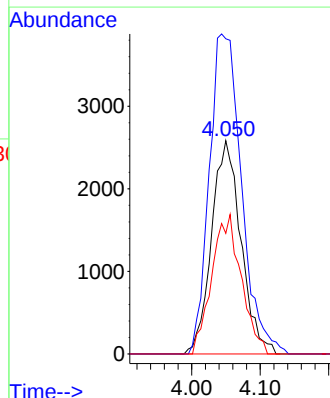
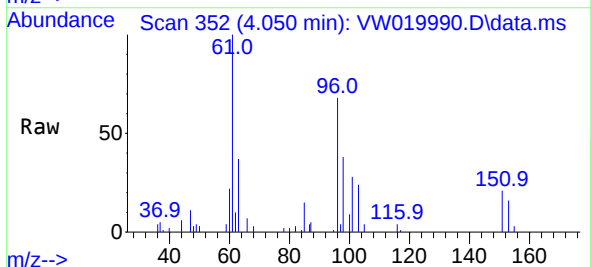
Manual Integrations
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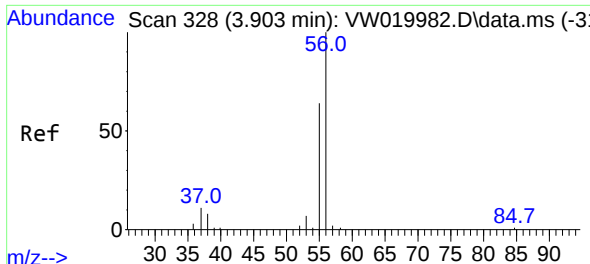
MMDadoda
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#12
1,1-Dichloroethene
Concen: 3.834 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

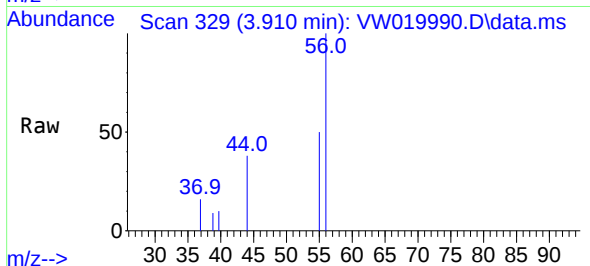
Tgt Ion: 96 Resp: 7701
Ion Ratio Lower Upper
96 100
61 147.7 136.0 204.0
98 56.5 51.5 77.3





#13
Acrolein
Concen: 18.731 ug/l
RT: 3.910 min Scan# 329
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

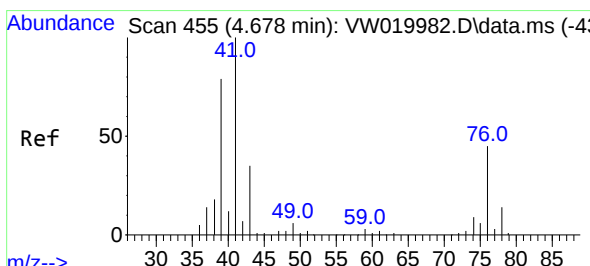
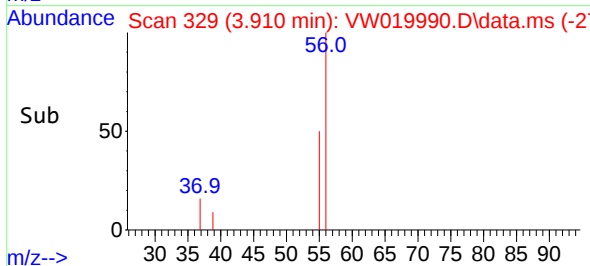
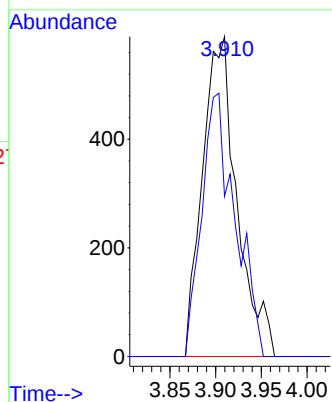
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 56 Resp: 1544
Ion Ratio Lower Upper
56 100
55 79.5 56.2 84.2

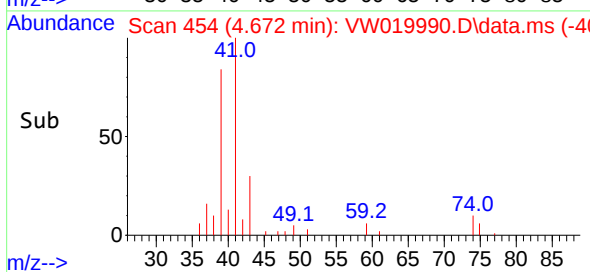
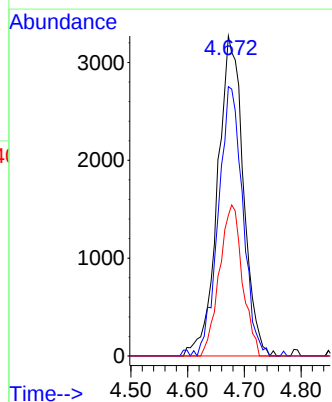
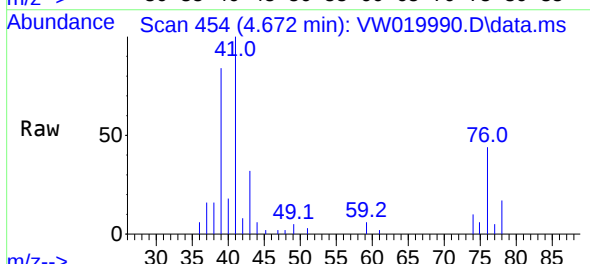
Manual Integrations
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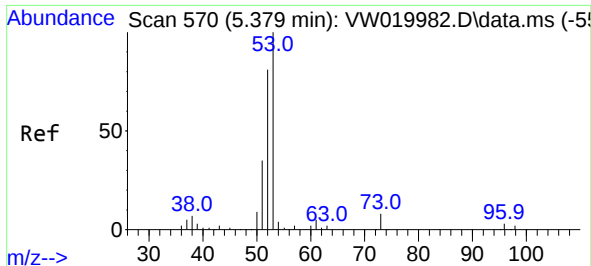
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#14
Allyl chloride
Concen: 3.770 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 41 Resp: 10301
Ion Ratio Lower Upper
41 100
39 79.5 62.5 93.7
76 42.2 33.8 50.8





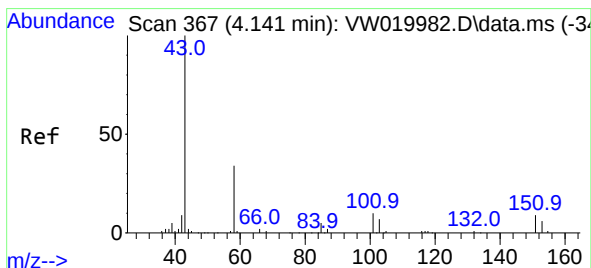
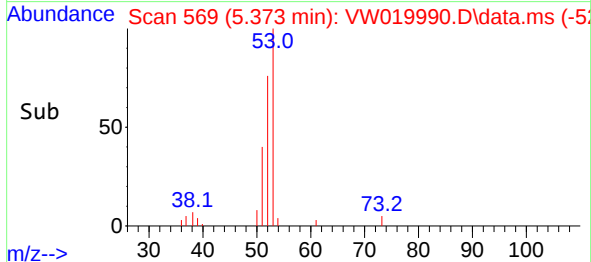
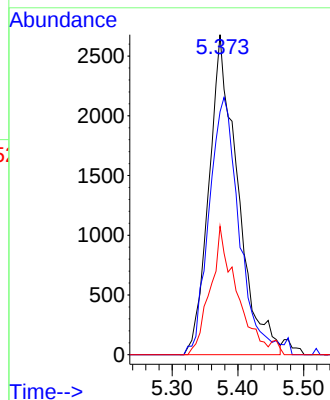
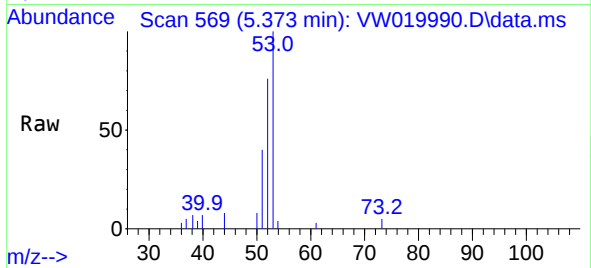
#15
Acrylonitrile
Concen: 19.625 ug/l
RT: 5.373 min Scan# 569
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	53	Resp:	8176
Ion	Ratio	Lower	Upper
53	100		
52	85.0	65.9	98.9
51	36.5	29.8	44.8

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

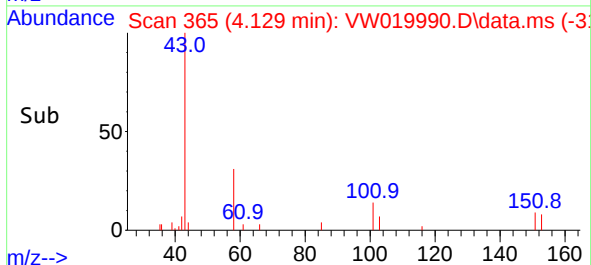
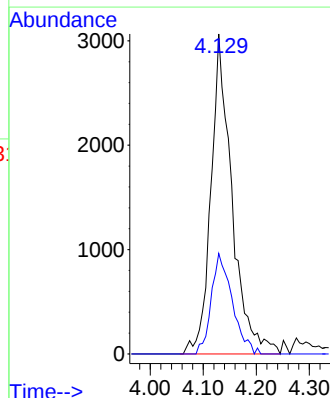
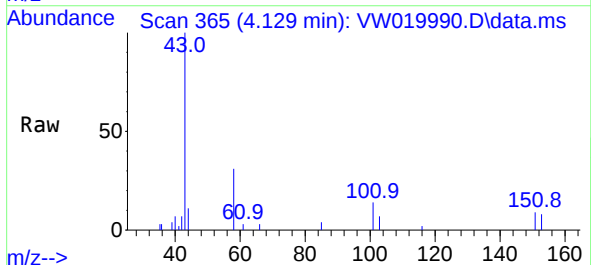
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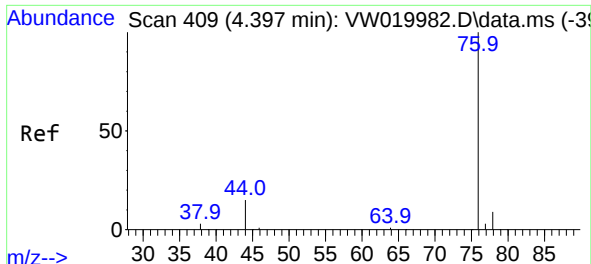
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#16
Acetone
Concen: 23.294 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

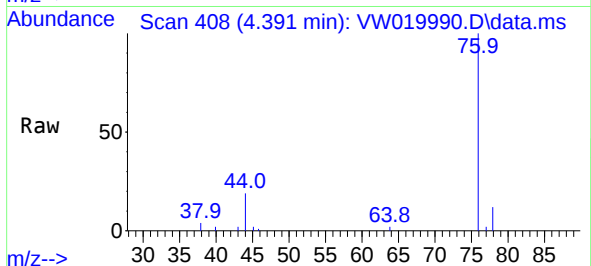
Tgt Ion:	43	Resp:	8456
Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.2	40.8





#17
Carbon Disulfide
Concen: 3.690 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

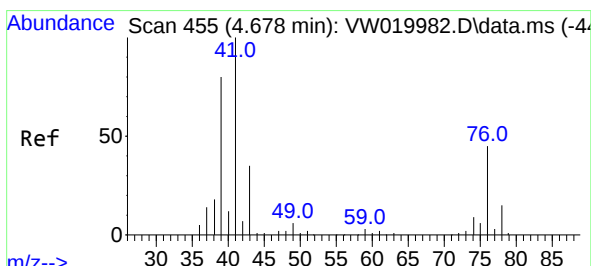
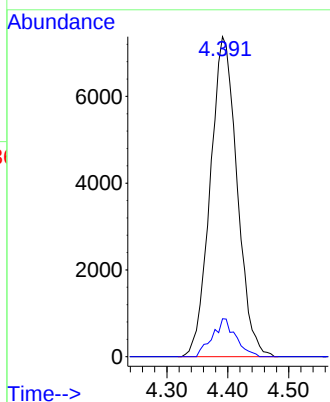
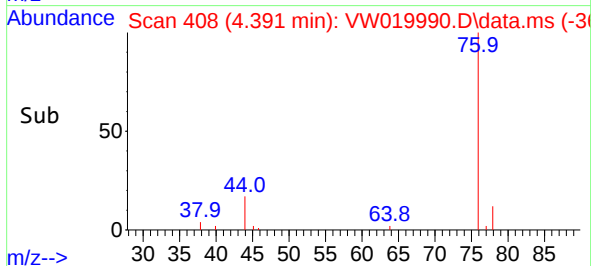
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



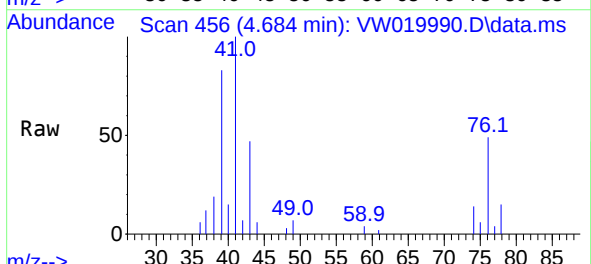
Tgt Ion: 76 Resp: 22556
Ion Ratio Lower Upper
76 100
78 11.9 7.1 10.7#

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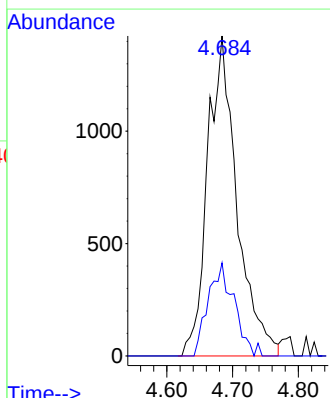
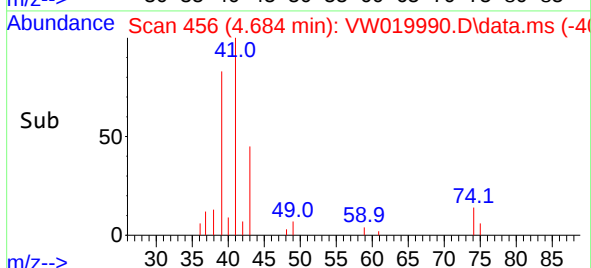
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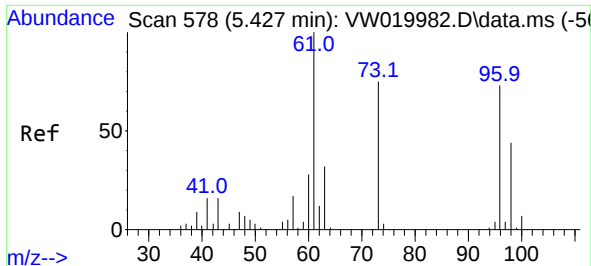


#18
Methyl Acetate
Concen: 4.294 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 43 Resp: 4425
Ion Ratio Lower Upper
43 100
74 25.7 21.0 31.6





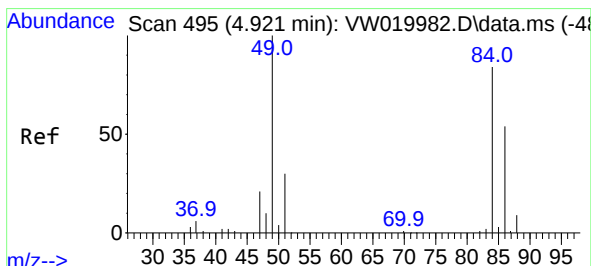
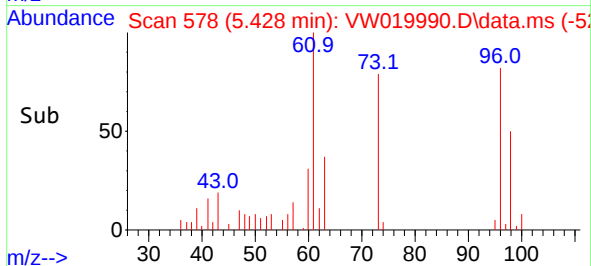
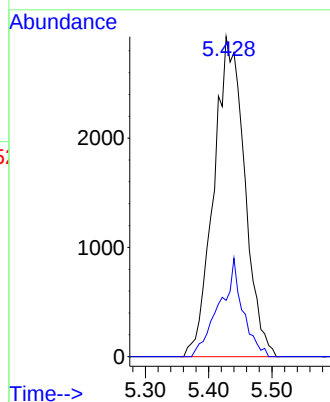
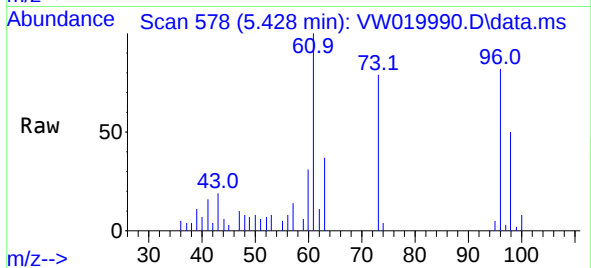
#19
Methyl tert-butyl Ether
Concen: 3.747 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 73 Resp: 9931
Ion Ratio Lower Upper
73 100
57 17.6 17.7 26.5#

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

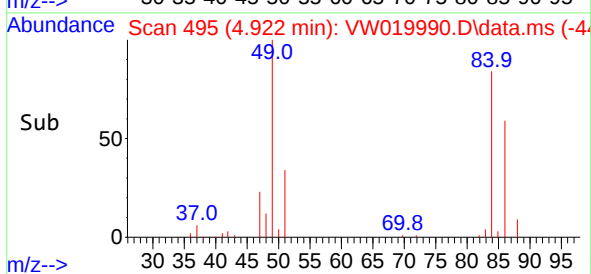
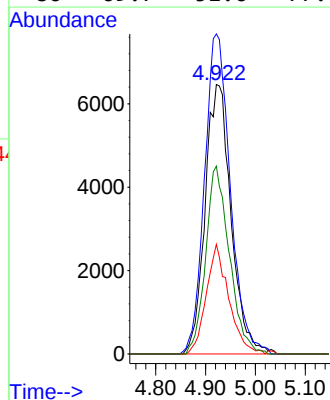
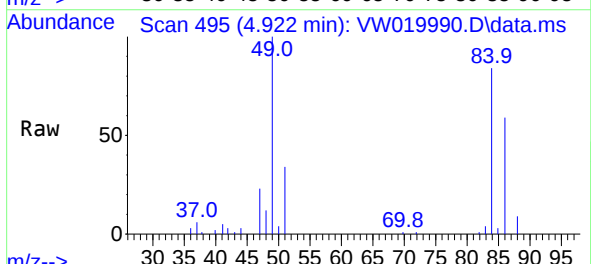
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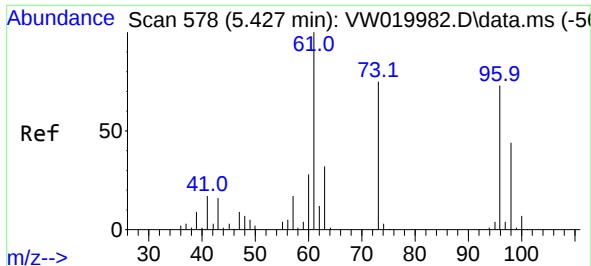
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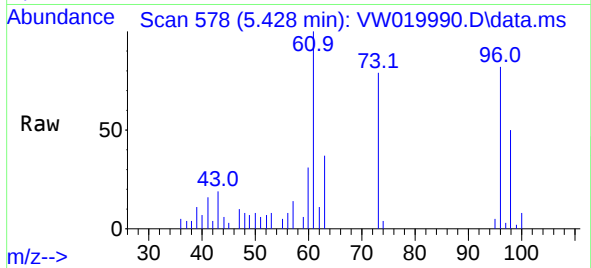
#20
Methylene Chloride
Concen: 8.574 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 84 Resp: 23404
Ion Ratio Lower Upper
84 100
49 118.8 95.4 143.0
51 40.7 28.9 43.3
86 69.7 51.6 77.4



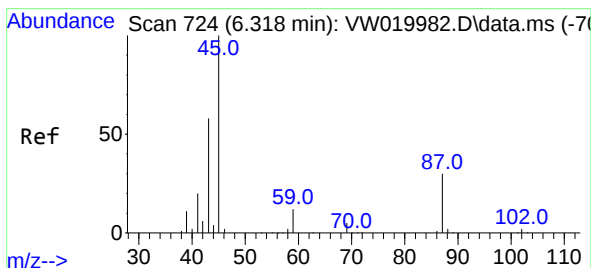
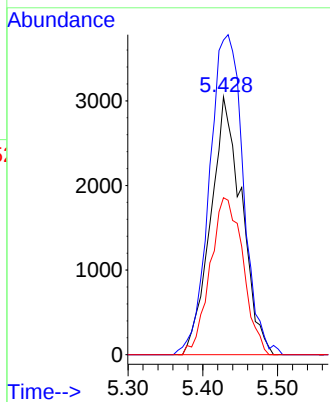
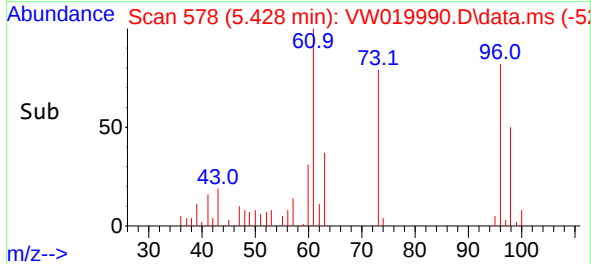


#21
trans-1,2-Dichloroethene
Concen: 3.856 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

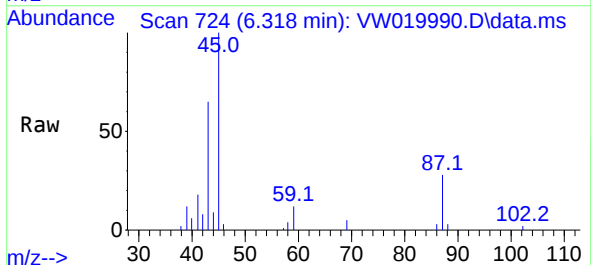


Tgt Ion: 96 Resp: 8798

Ion	Ratio	Lower	Upper
96	100		
61	120.4	109.3	163.9
98	60.9	48.3	72.5

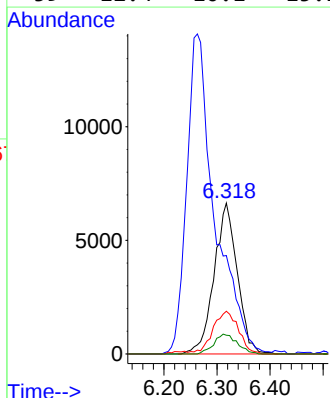
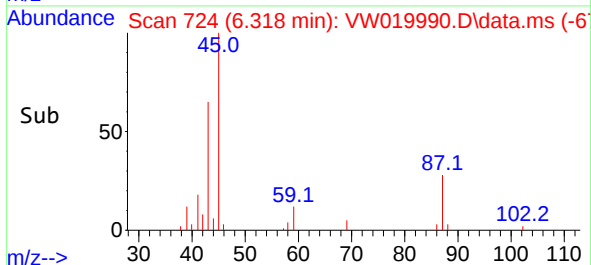


#22
Diisopropyl ether
Concen: 3.475 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 45 Resp: 20120

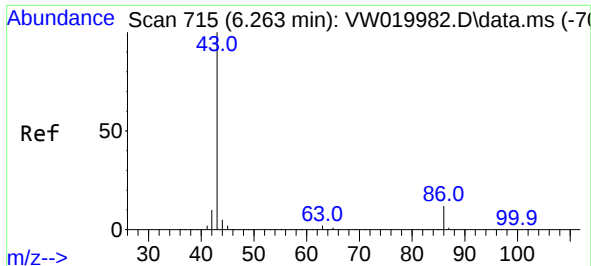
Ion	Ratio	Lower	Upper
45	100		
43	63.5	46.8	70.2
87	28.3	24.3	36.5
59	12.4	10.1	15.1



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

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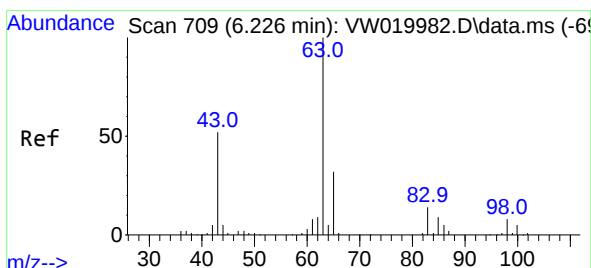
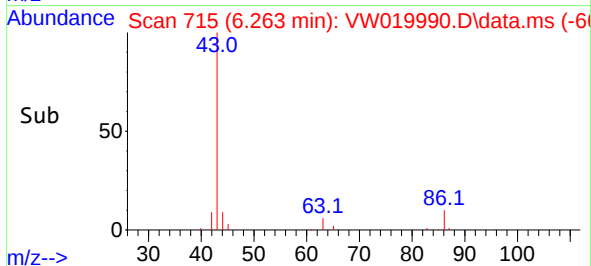
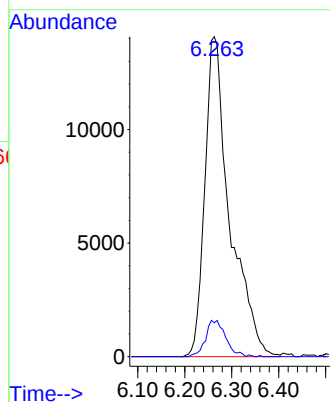
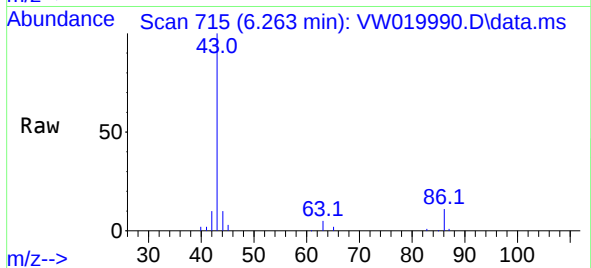
#23
 Vinyl Acetate
 Concen: 16.404 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW019990.D
 Acq: 07 Sep 2021 18:30

Tgt Ion: 43 Resp: 51809
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.3 13.9

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

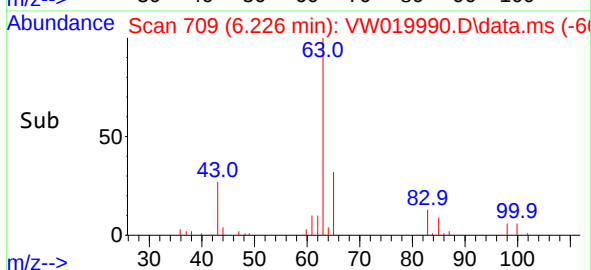
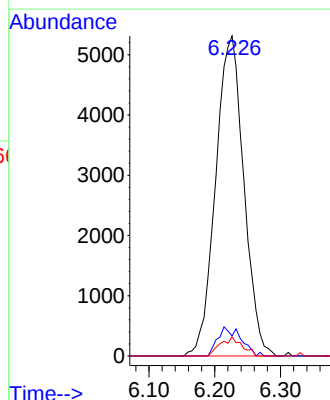
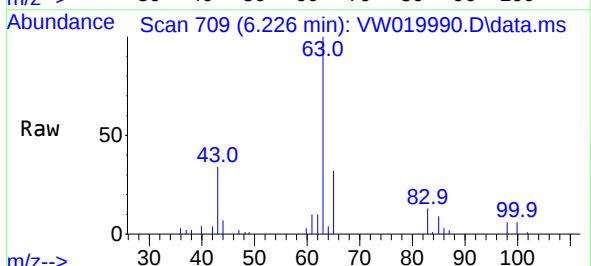
Manual Integrations
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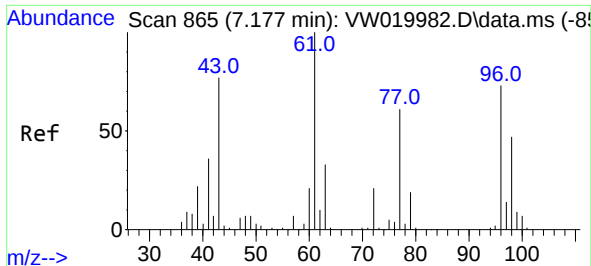
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#24
 1,1-Dichloroethane
 Concen: 3.862 ug/l
 RT: 6.226 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: VW019990.D
 Acq: 07 Sep 2021 18:30

Tgt Ion: 63 Resp: 15831
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 6.0 2.5 7.4





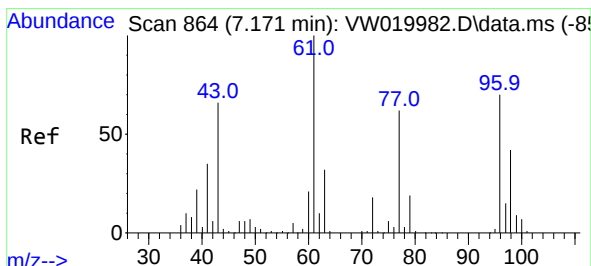
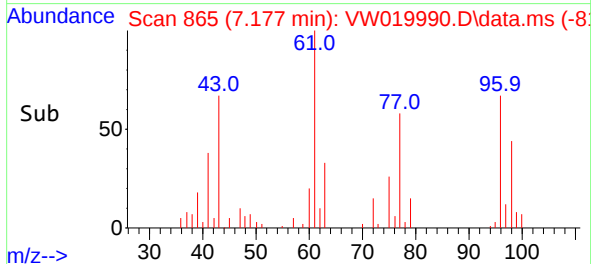
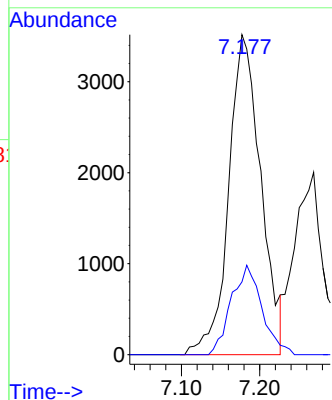
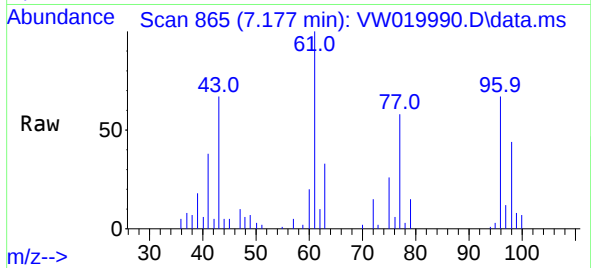
#25
2-Butanone
Concen: 19.251 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 43 Resp: 10019
Ion Ratio Lower Upper
43 100
72 22.7 21.9 32.9

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

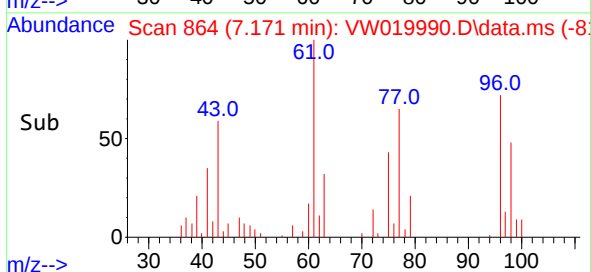
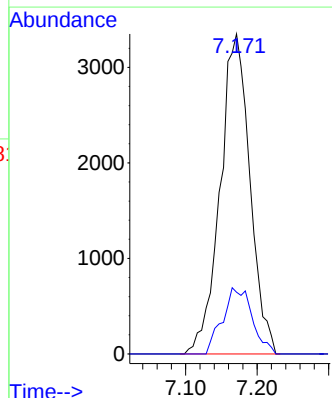
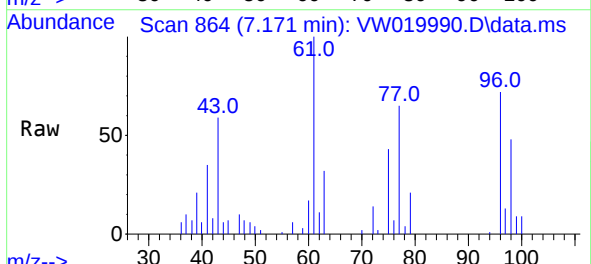
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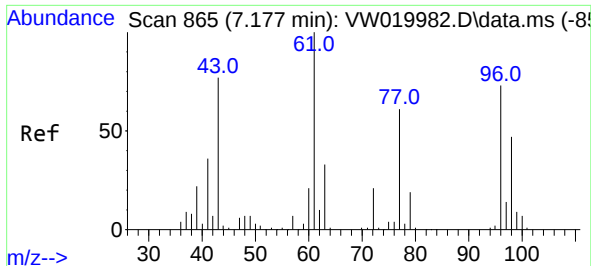
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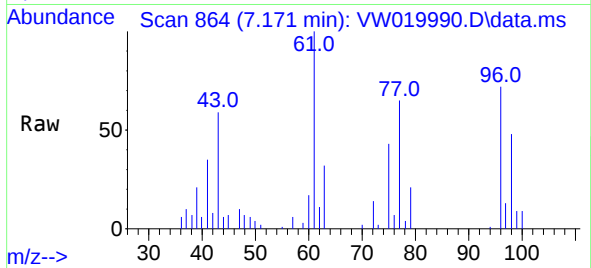
#26
2,2-Dichloropropane
Concen: 3.908 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 77 Resp: 9688
Ion Ratio Lower Upper
77 100
97 20.5 11.4 34.1



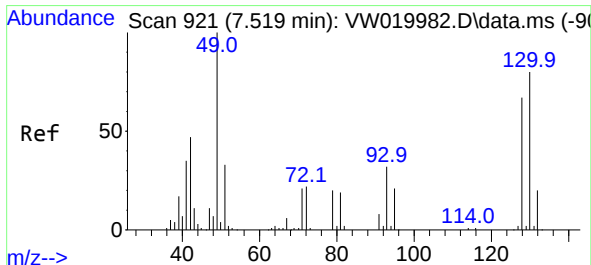
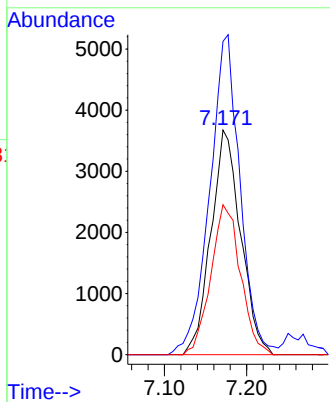
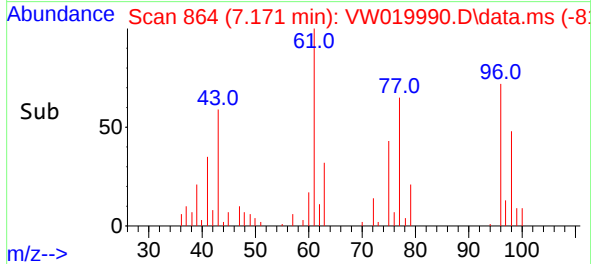


#27
cis-1,2-Dichloroethene
Concen: 3.790 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

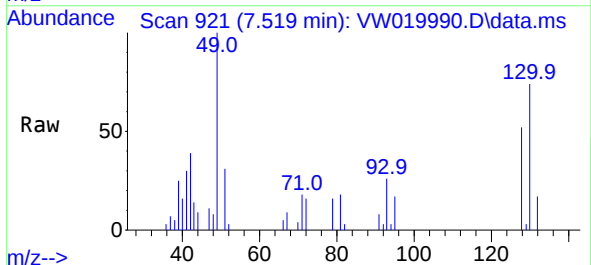


Tgt Ion: 96 Resp: 9235

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	282.6
98	66.7	0.0	127.6

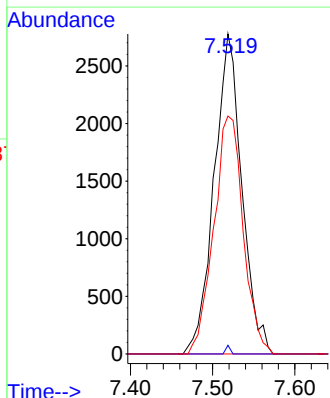
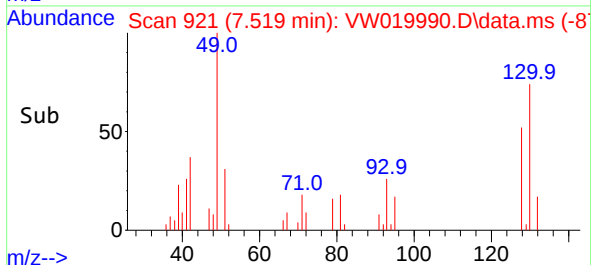


#28
Bromochloromethane
Concen: 4.003 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 49 Resp: 6513

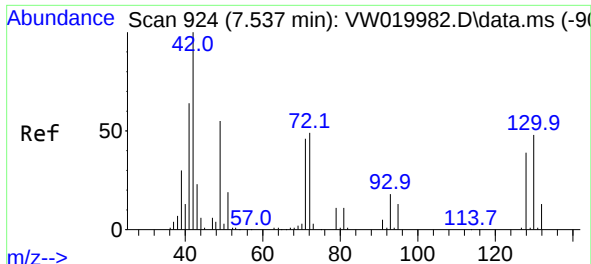
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.2
130	78.7	62.6	93.8



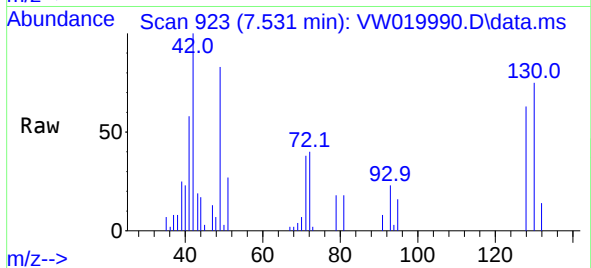
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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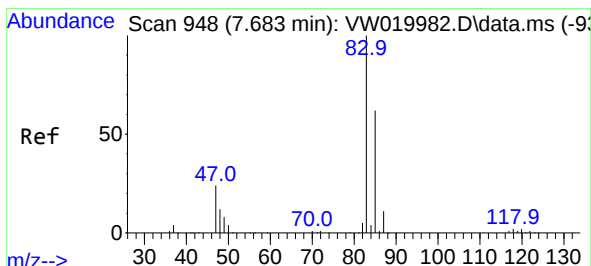
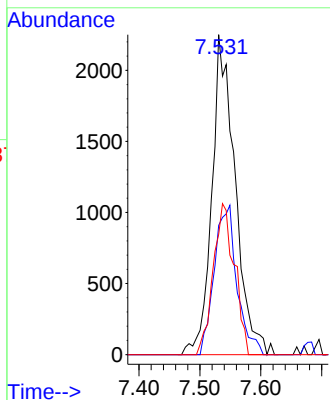
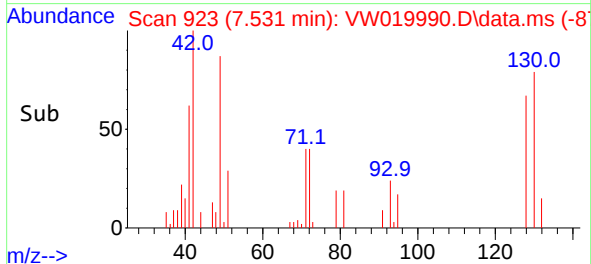
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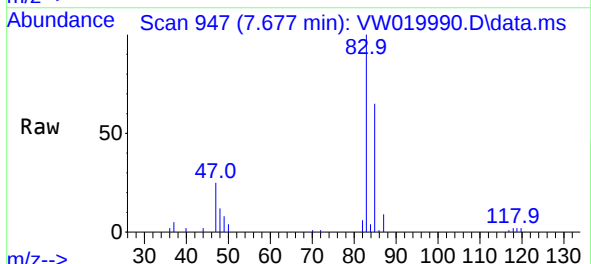
#29
Tetrahydrofuran
Concen: 18.457 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



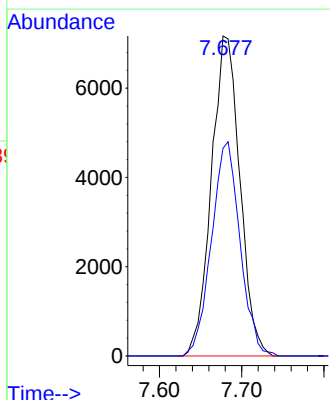
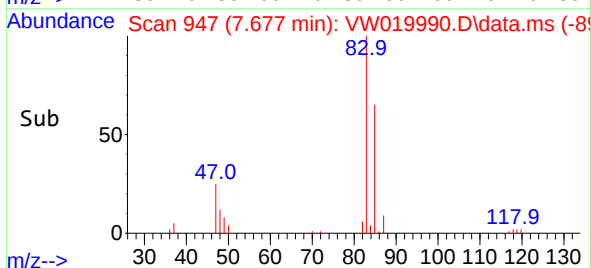
Tgt Ion:	42	Resp:	5976
Ion	Ratio	Lower	Upper
42	100		
72	45.4	38.4	57.6
71	42.7	35.4	53.2



#30
Chloroform
Concen: 3.999 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



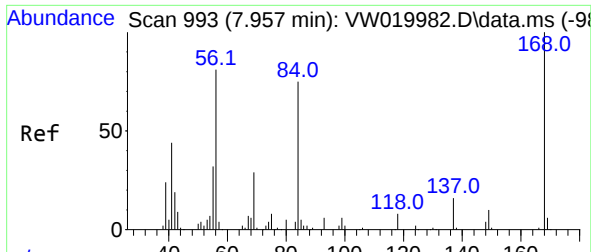
Tgt Ion:	83	Resp:	17273
Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.8	74.8



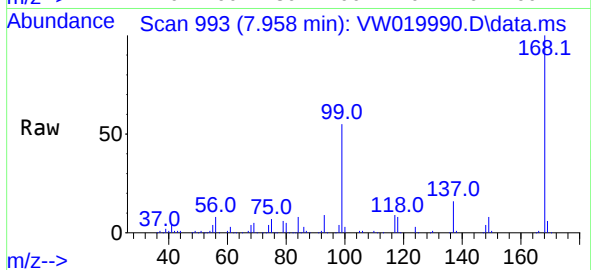
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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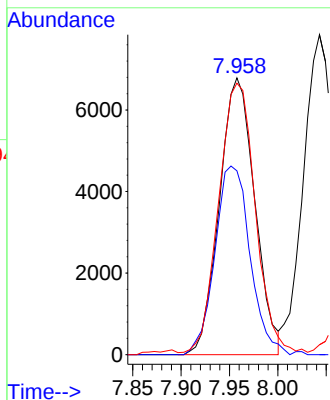
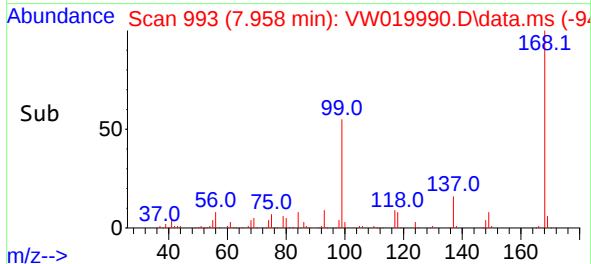
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#31
Cyclohexane
Concen: 4.689 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



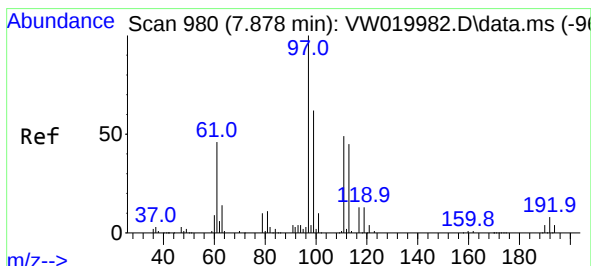
Tgt Ion: 56 Resp: 17276
Ion Ratio Lower Upper
56 100
69 66.4 28.6 42.8#
84 97.3 74.5 111.7



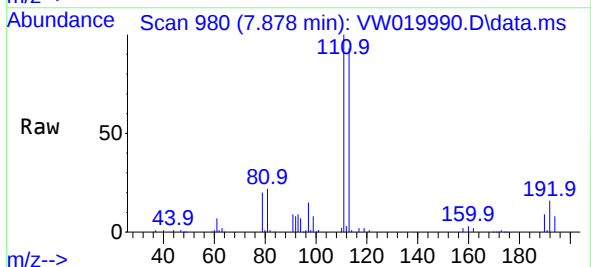
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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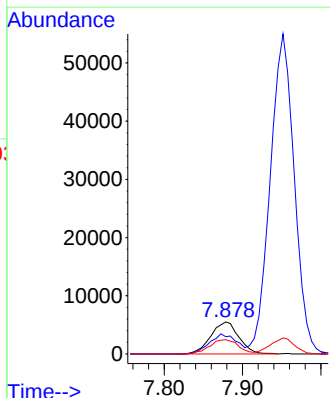
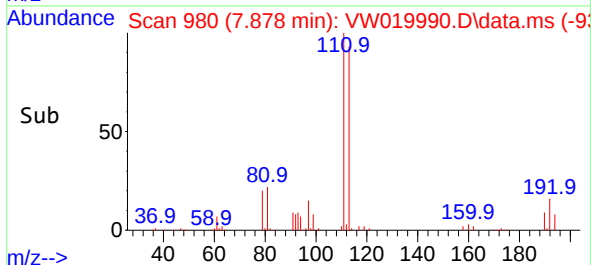
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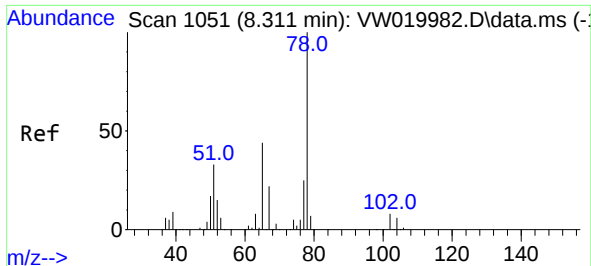


#32
1,1,1-Trichloroethane
Concen: 3.914 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 97 Resp: 13681
Ion Ratio Lower Upper
97 100
99 60.4 50.9 76.3
61 45.9 36.1 54.1





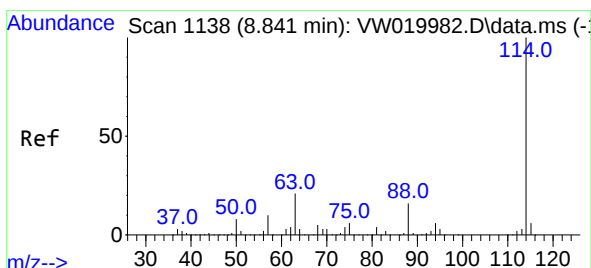
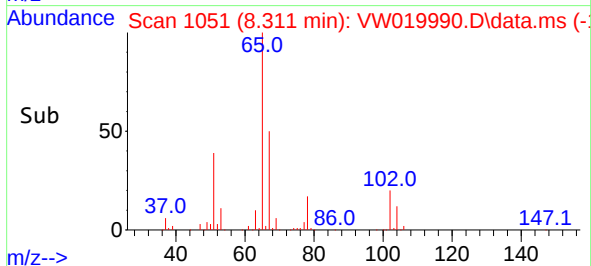
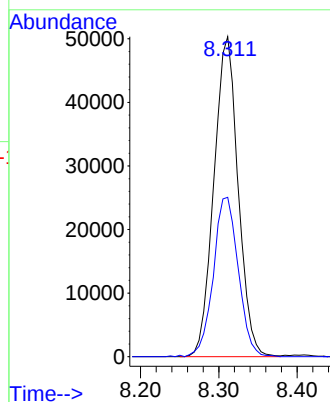
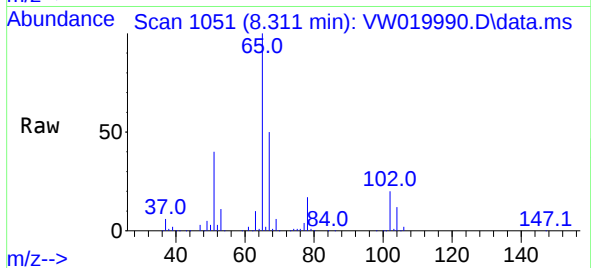
#33
1,2-Dichloroethane-d4
Concen: 47.840 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 65 Resp: 108122
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.2

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

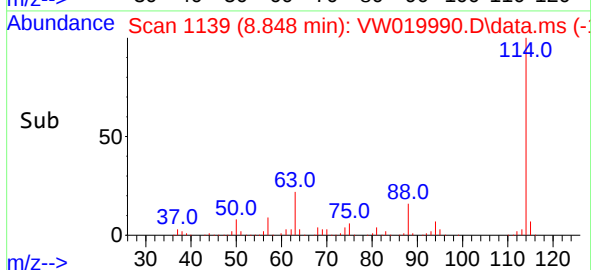
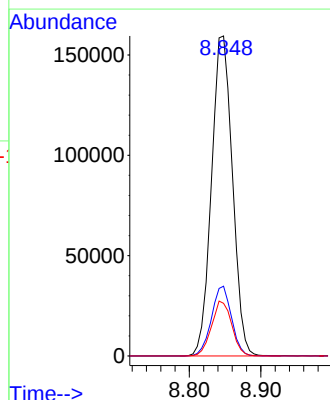
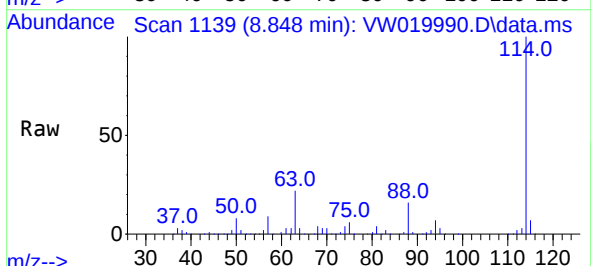
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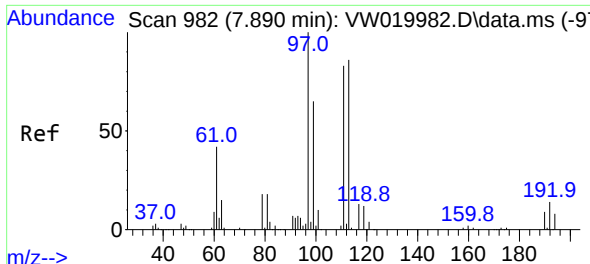
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

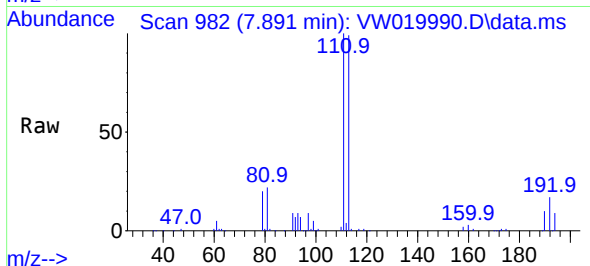
Tgt Ion: 114 Resp: 324686
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.6
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.824 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

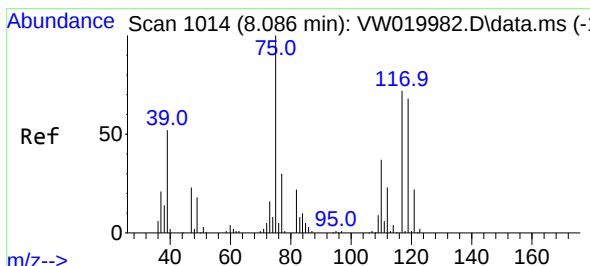
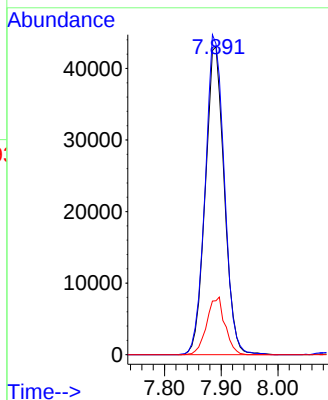
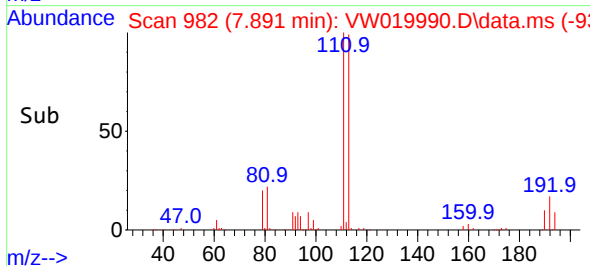
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



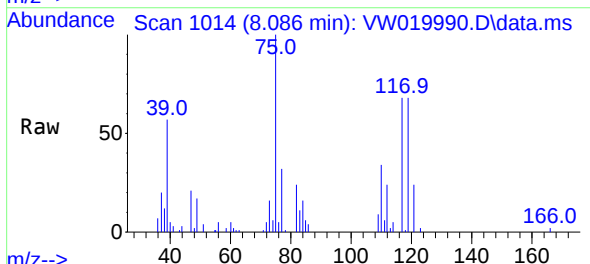
Tgt Ion:113 Resp: 99839
Ion Ratio Lower Upper
113 100
111 104.6 81.6 122.4
192 18.0 14.6 22.0

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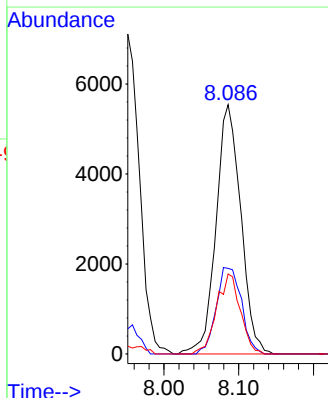
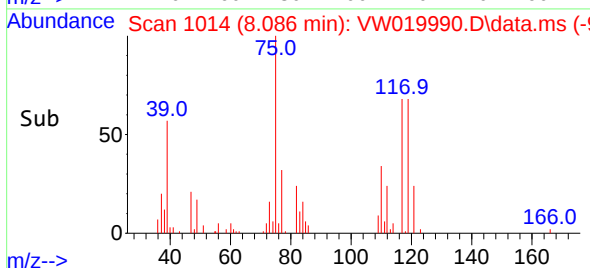
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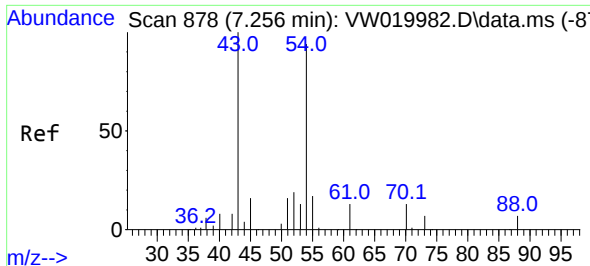


#36
1,1-Dichloropropene
Concen: 3.742 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 75 Resp: 12782
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 4.375 ug/l

RT: 7.269 min Scan# 880

Delta R.T. 0.012 min

Lab File: VW019990.D

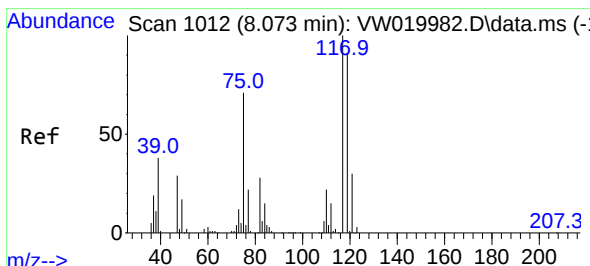
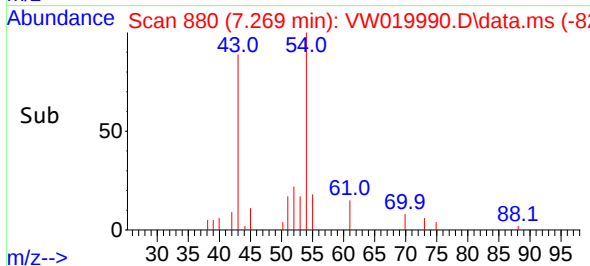
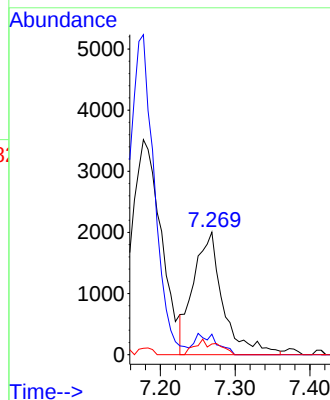
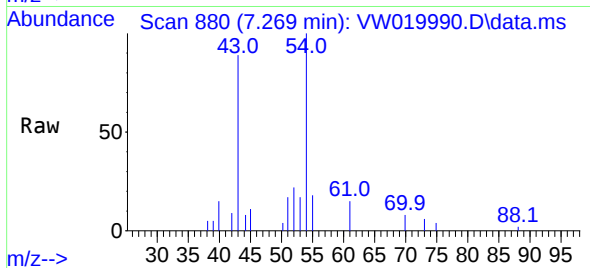
Acq: 07 Sep 2021 18:30

Tgt Ion:	43	Resp:	5494
Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.7	17.5
70	9.5	9.3	13.9

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

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#38

Carbon Tetrachloride

Concen: 3.691 ug/l

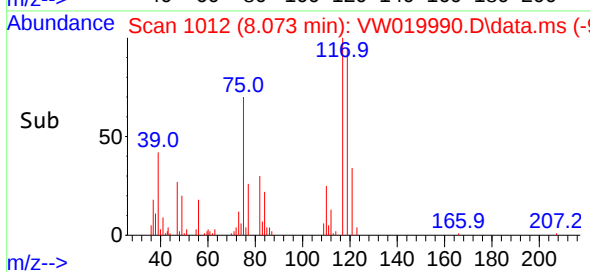
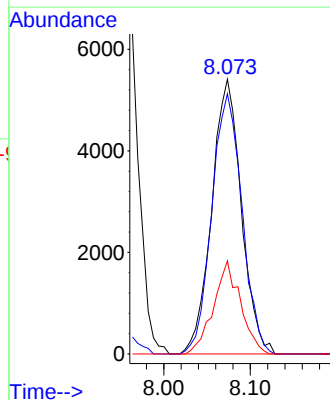
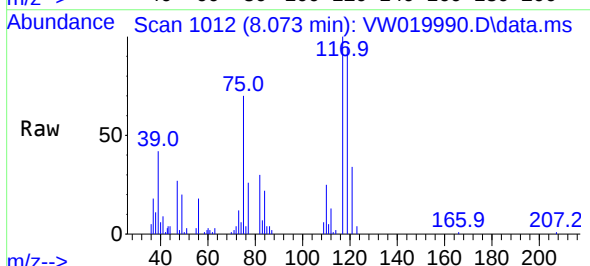
RT: 8.073 min Scan# 1012

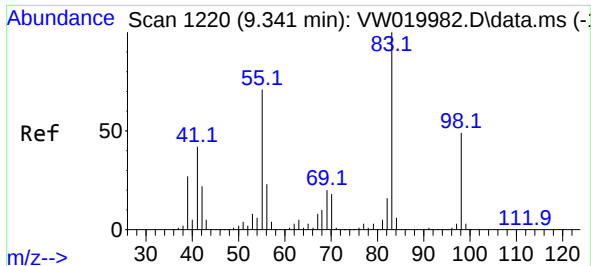
Delta R.T. 0.000 min

Lab File: VW019990.D

Acq: 07 Sep 2021 18:30

Tgt Ion:	117	Resp:	12855
Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.0	109.4
121	33.9	23.9	35.9





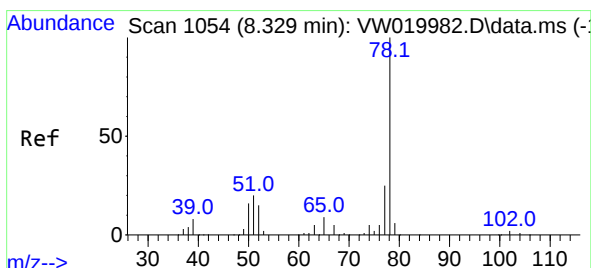
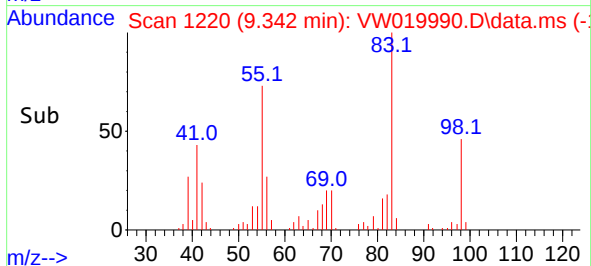
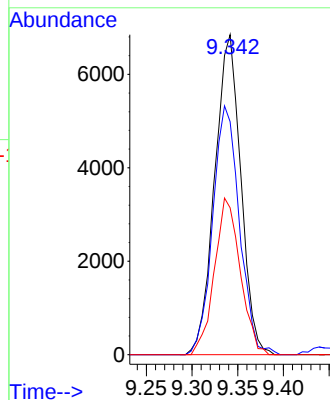
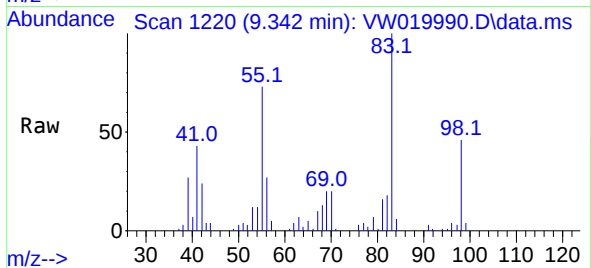
#39
Methylcyclohexane
Concen: 3.436 ug/l
RT: 9.342 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 83 Resp: 13601
Ion Ratio Lower Upper
83 100
55 72.8 56.9 85.3
98 45.9 39.0 58.4

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

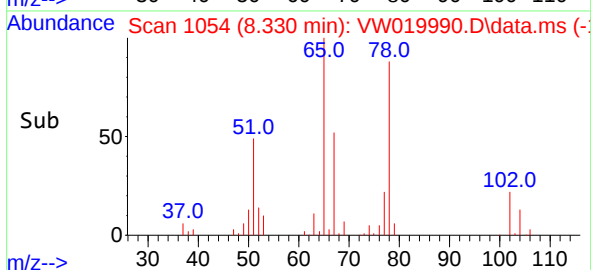
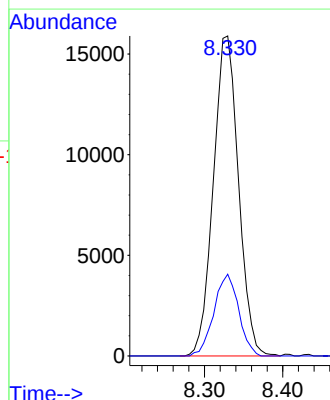
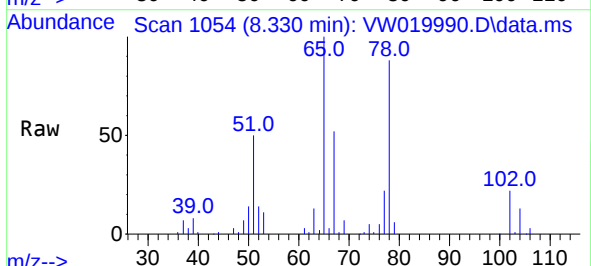
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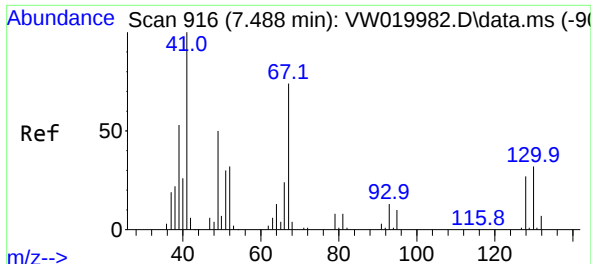
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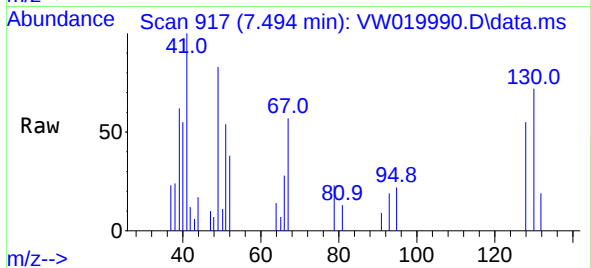
#40
Benzene
Concen: 3.771 ug/l
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 78 Resp: 35482
Ion Ratio Lower Upper
78 100
77 25.5 19.7 29.5



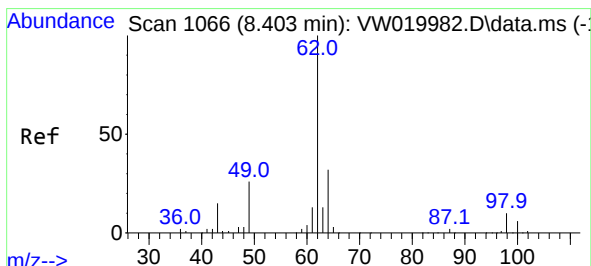
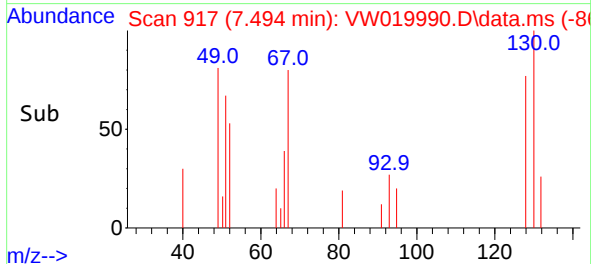
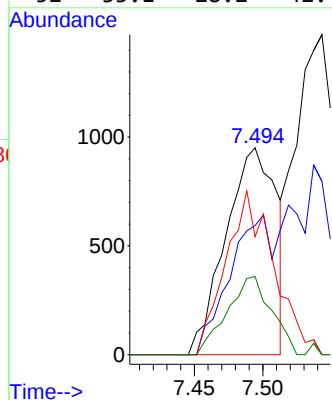


#41
Methacrylonitrile
Concen: 3.509 ug/l
RT: 7.494 min Scan# 917
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

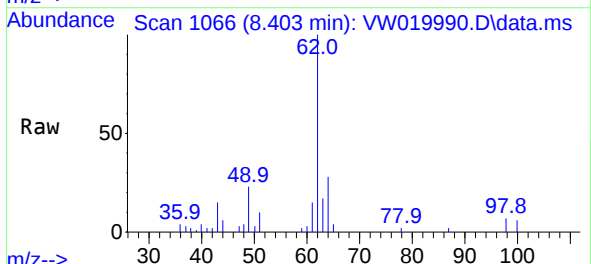


Tgt Ion: 41 Resp: 2439

Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.2	67.8
67	75.2	65.3	97.9
52	33.1	28.2	42.4

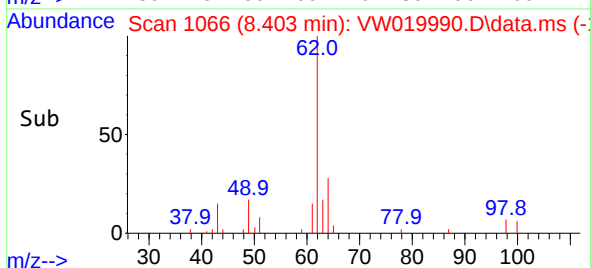
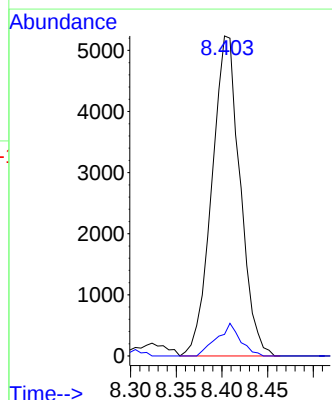


#42
1,2-Dichloroethane
Concen: 3.902 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 62 Resp: 11272

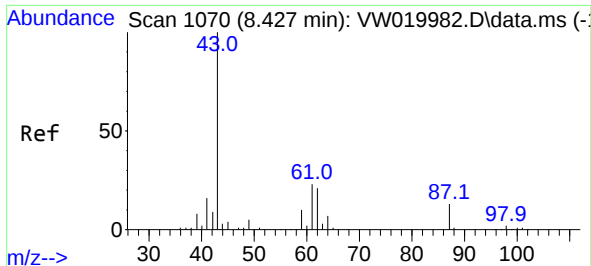
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.6



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

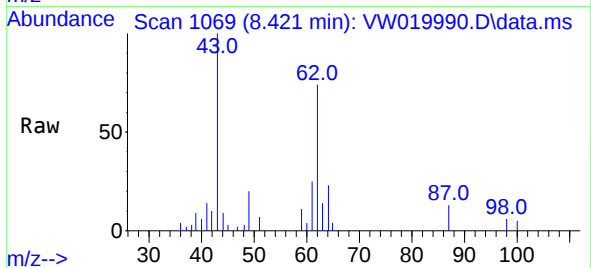
Manual Integrations
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#43
Isopropyl Acetate
Concen: 3.637 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

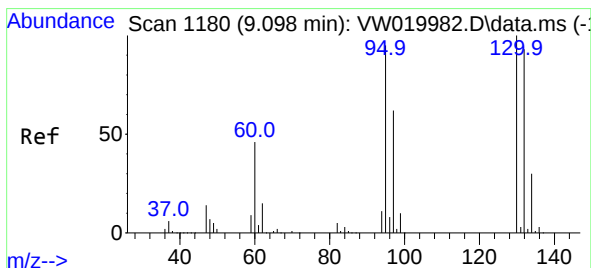
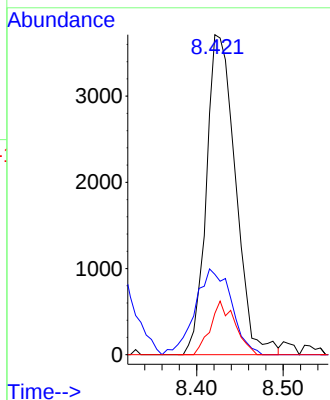
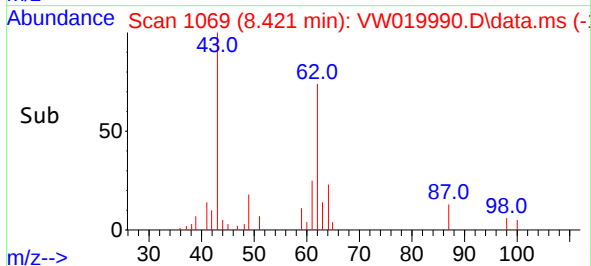
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



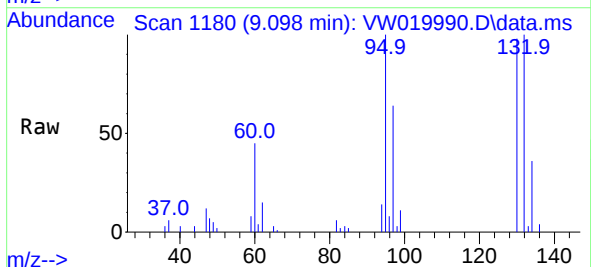
Tgt Ion: 43 Resp: 8669
Ion Ratio Lower Upper
43 100
61 33.7 26.6 39.8
87 14.1 11.0 16.6

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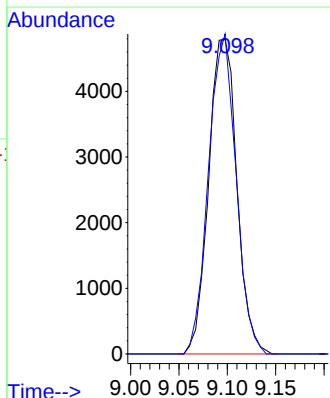
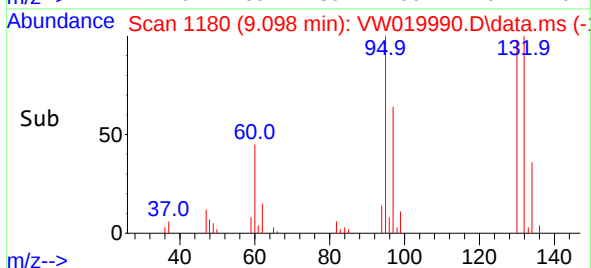
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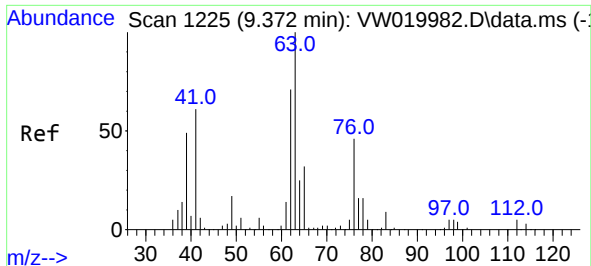


#44
Trichloroethene
Concen: 3.945 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 130 Resp: 9740
Ion Ratio Lower Upper
130 100
95 101.8 0.0 190.0





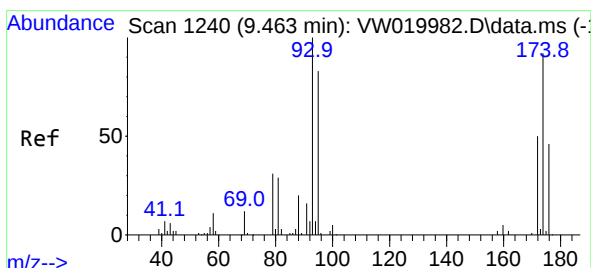
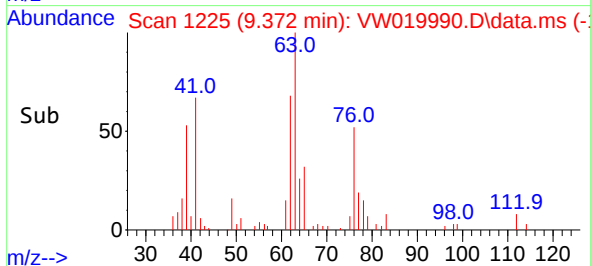
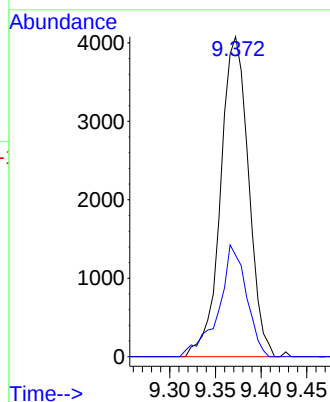
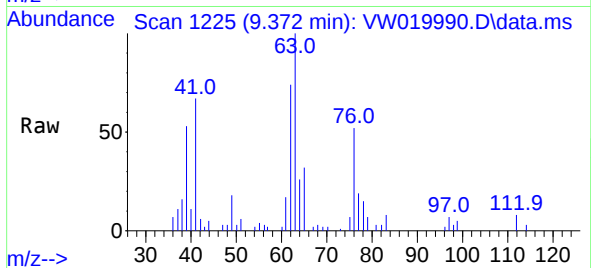
#45
1,2-Dichloropropane
Concen: 3.789 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019990.D
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Tgt Ion: 63 Resp: 8669
Ion Ratio Lower Upper
63 100
65 31.7 25.5 38.3

Instrument :
MSVOA_W
ClientSampleId :
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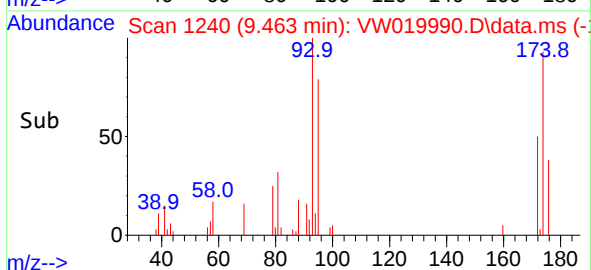
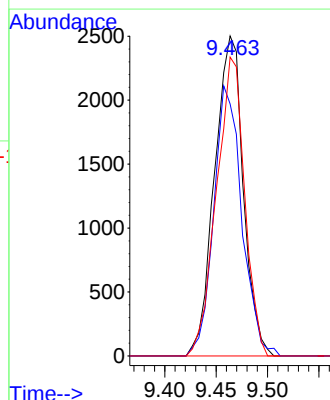
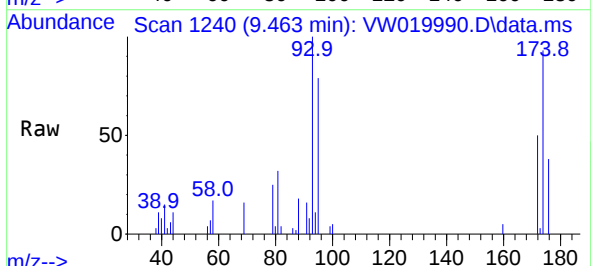
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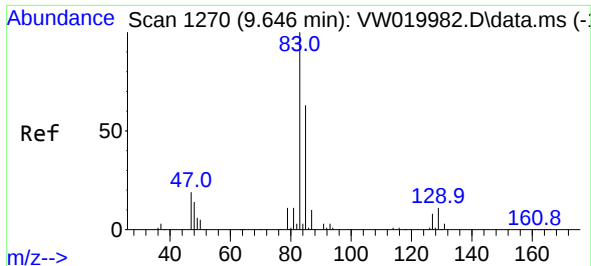
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#46
Dibromomethane
Concen: 3.767 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

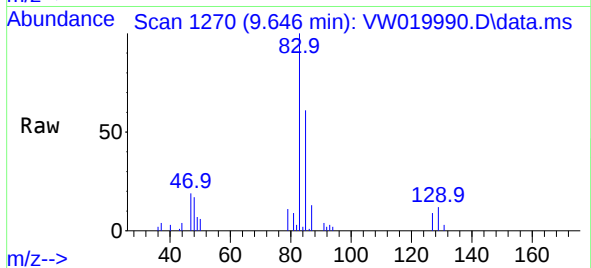
Tgt Ion: 93 Resp: 4862
Ion Ratio Lower Upper
93 100
95 82.6 65.2 97.8
174 91.4 75.8 113.6





#47
Bromodichloromethane
Concen: 3.678 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

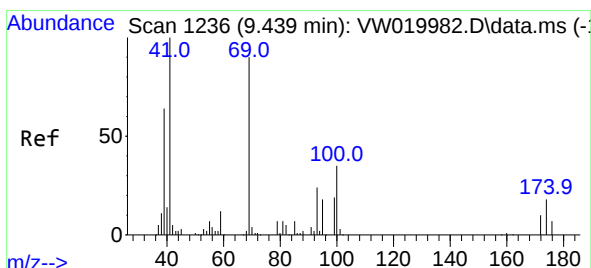
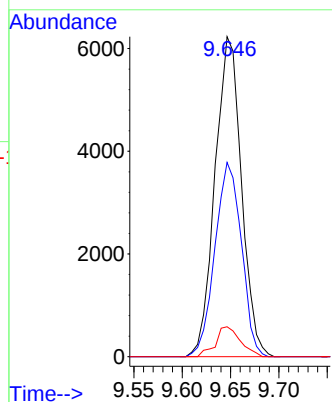
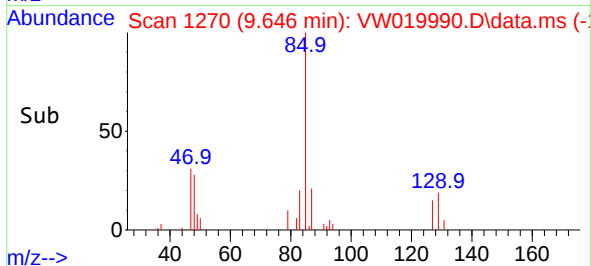
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



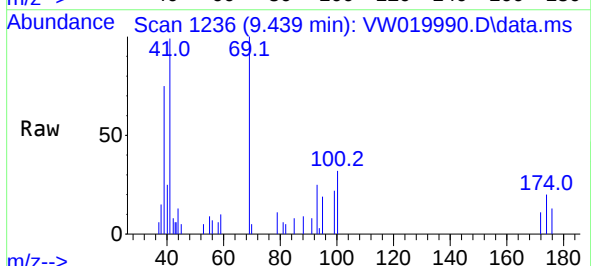
Tgt Ion: 83 Resp: 11826
Ion Ratio Lower Upper
83 100
85 60.7 50.3 75.5
127 9.4 6.5 9.7

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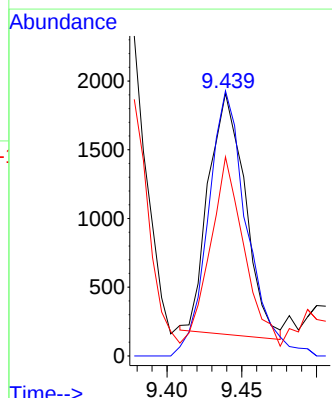
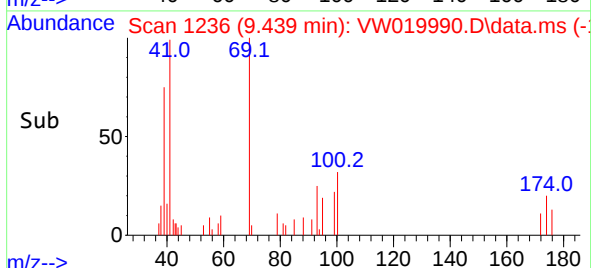
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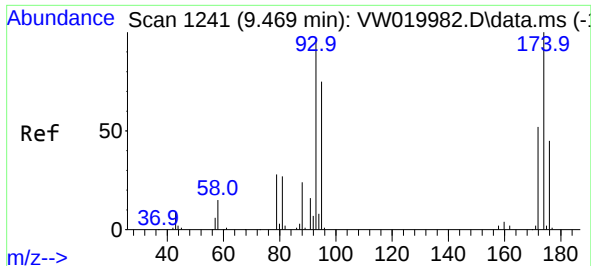


#48
Methyl methacrylate
Concen: 2.861 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



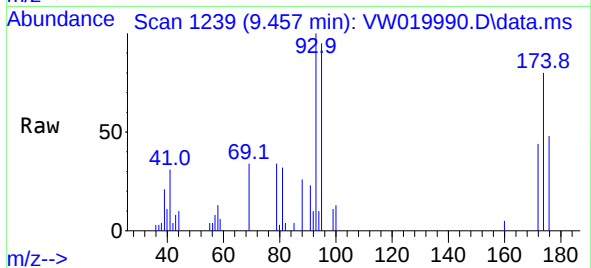
Tgt Ion: 41 Resp: 2983
Ion Ratio Lower Upper
41 100
69 116.7 76.7 115.1#
39 73.7 51.4 77.0





#49
1,4-Dioxane
Concen: 69.280 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.012 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

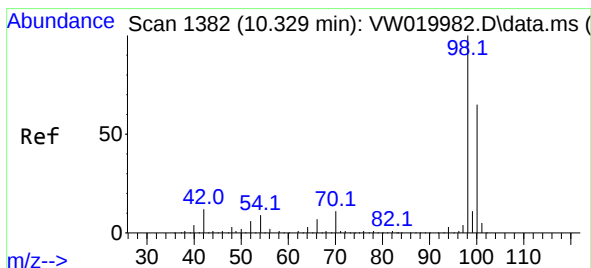
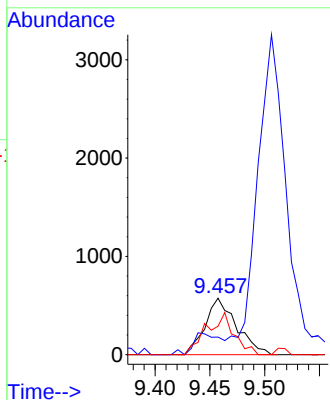
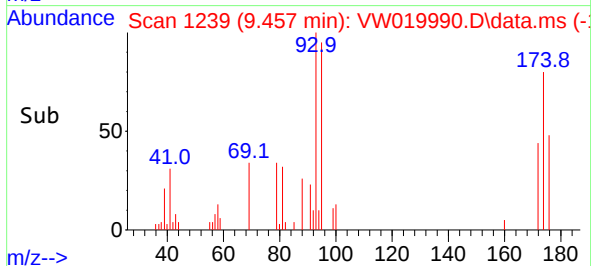
Instrument :
MSVOA_W
ClientSampleId :
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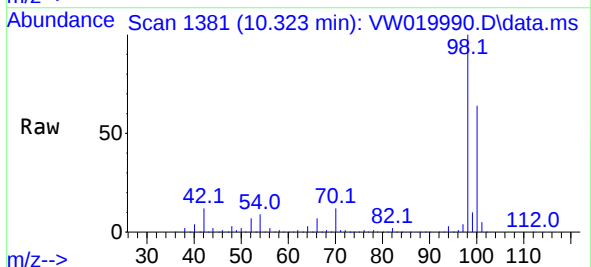
Tgt Ion: 88 Resp: 1142
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 65.3 54.7 82.1

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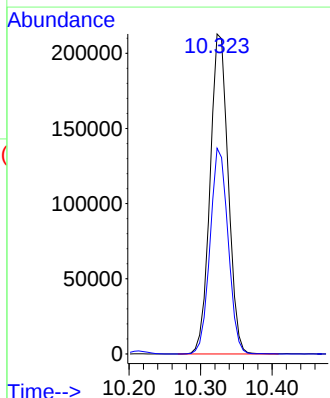
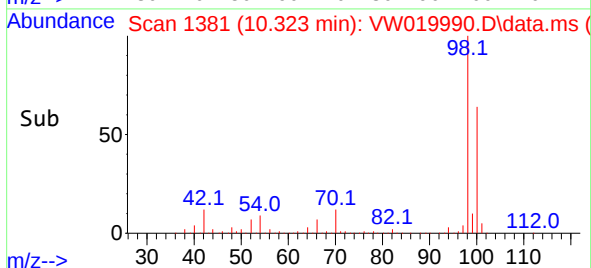
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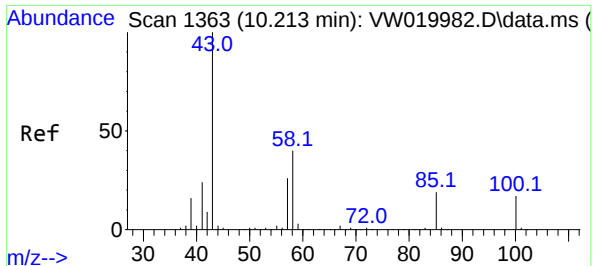


#50
Toluene-d8
Concen: 47.219 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019990.D
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Tgt Ion: 98 Resp: 374263
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





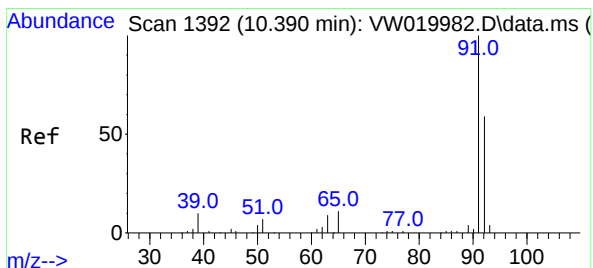
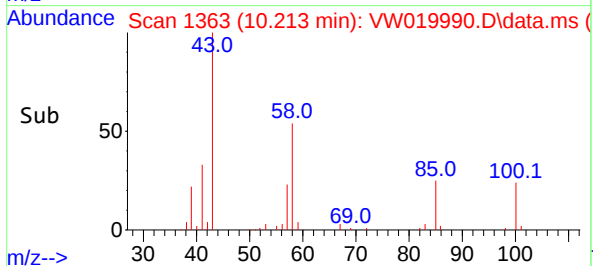
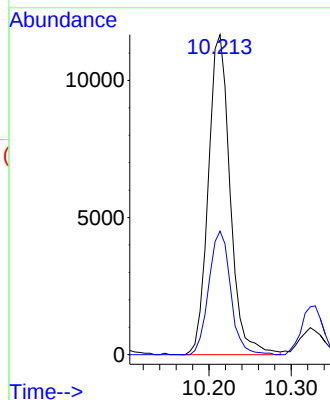
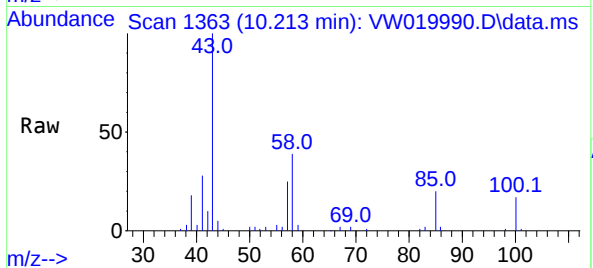
#51
4-Methyl-2-Pentanone
Concen: 17.377 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 43 Resp: 21474
Ion Ratio Lower Upper
43 100
58 38.6 32.1 48.1

Instrument :
MSVOA_W
ClientSampleId :
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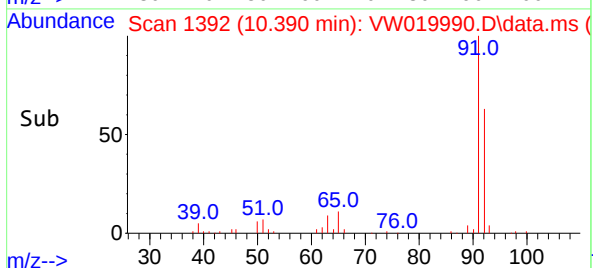
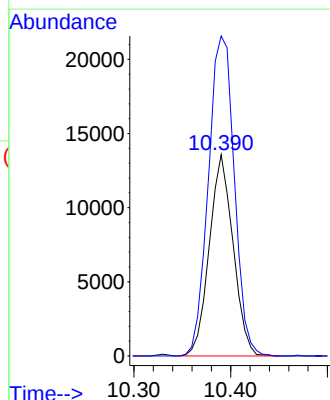
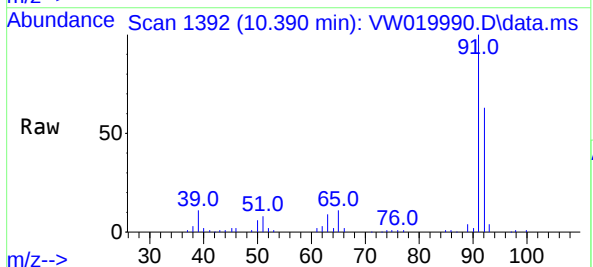
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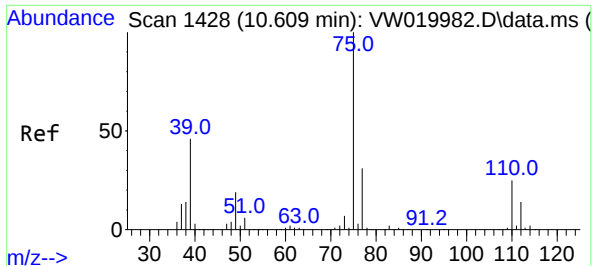
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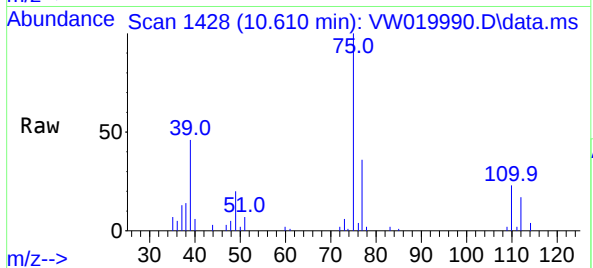
#52
Toluene
Concen: 3.893 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 92 Resp: 23188
Ion Ratio Lower Upper
92 100
91 173.5 136.6 205.0

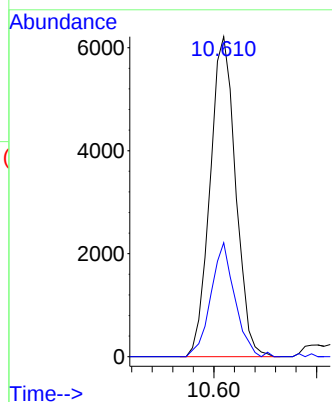




#53
t-1,3-Dichloropropene
Concen: 3.473 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



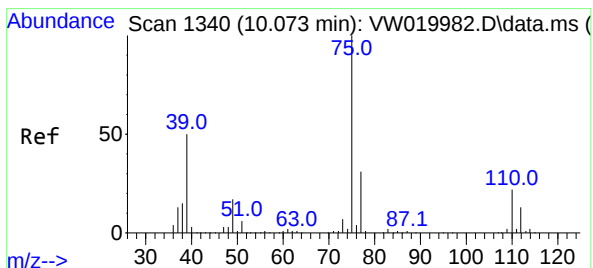
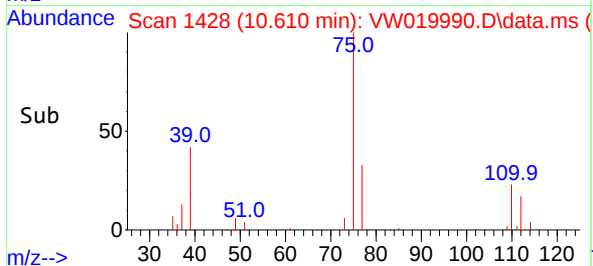
Tgt Ion: 75 Resp: 10714
Ion Ratio Lower Upper
75 100
77 35.6 24.9 37.3



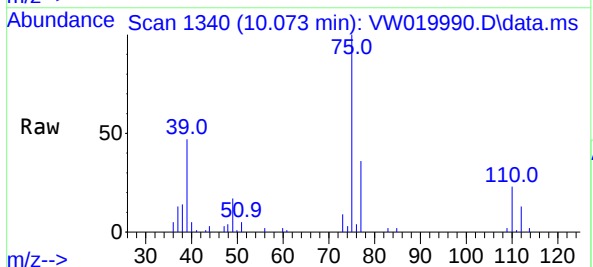
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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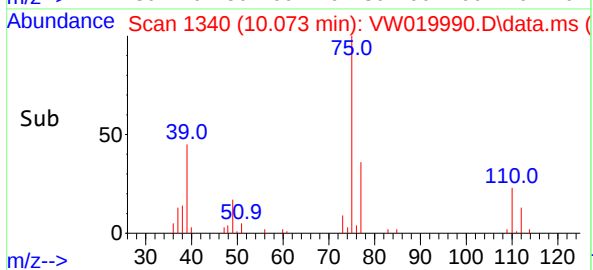
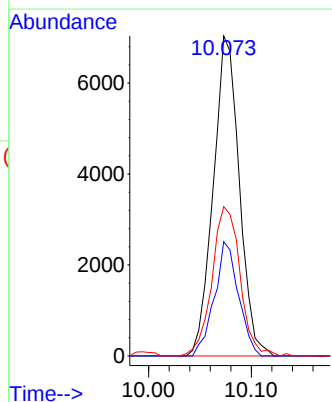
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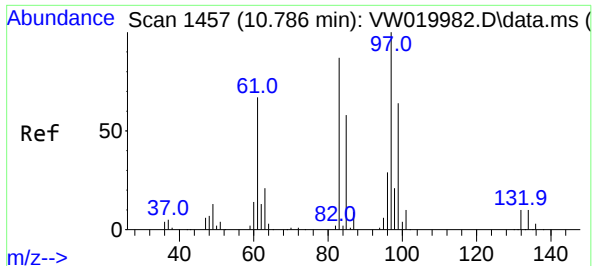


#54
cis-1,3-Dichloropropene
Concen: 3.443 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

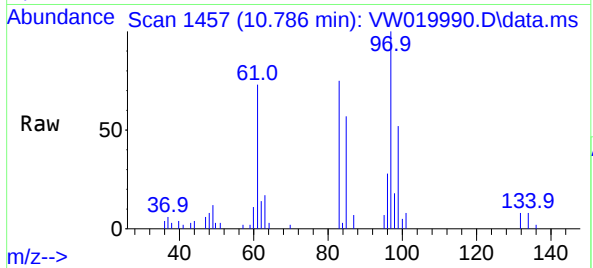


Tgt Ion: 75 Resp: 12365
Ion Ratio Lower Upper
75 100
77 35.7 24.8 37.2
39 46.7 39.9 59.9

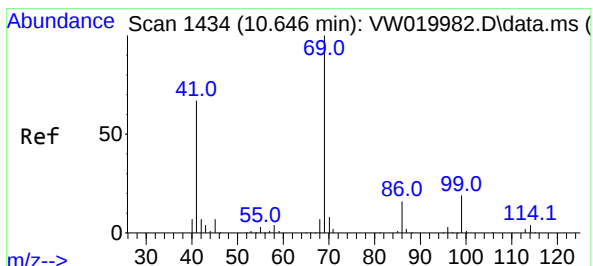
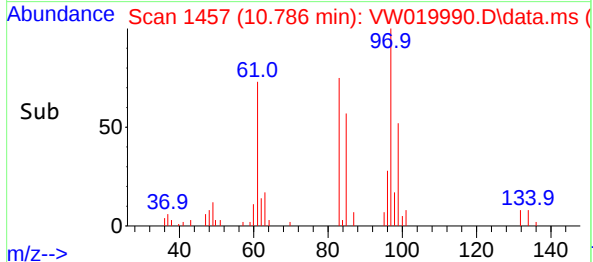
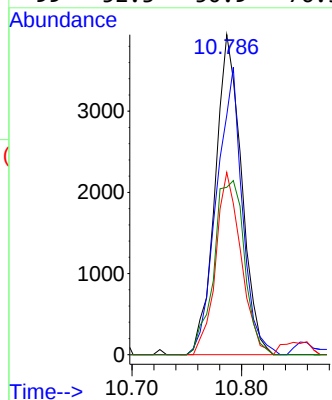




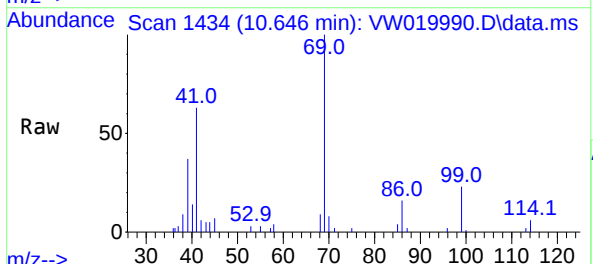
#55
1,1,2-Trichloroethane
Concen: 3.769 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



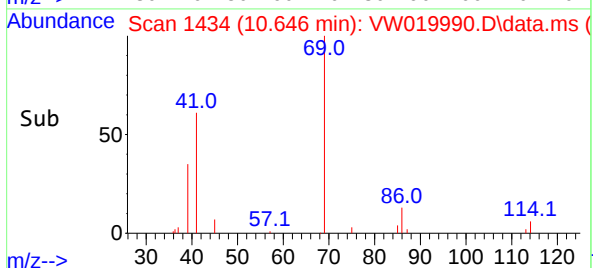
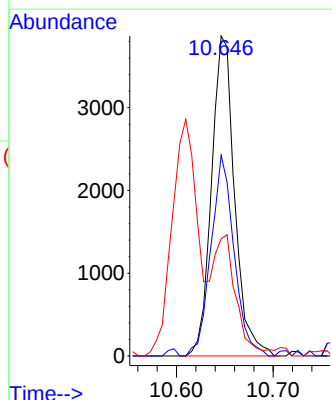
Tgt Ion:	97	Resp:	6592
Ion	Ratio	Lower	Upper
97	100		
83	74.8	69.8	104.6
85	57.0	46.6	69.8
99	52.3	50.9	76.3



#56
Ethyl methacrylate
Concen: 3.280 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



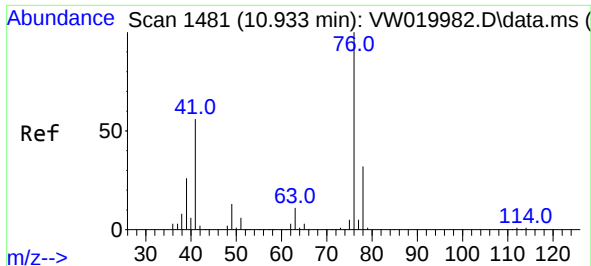
Tgt Ion:	69	Resp:	6416
Ion	Ratio	Lower	Upper
69	100		
41	62.9	50.6	76.0
39	32.3	31.2	46.8



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

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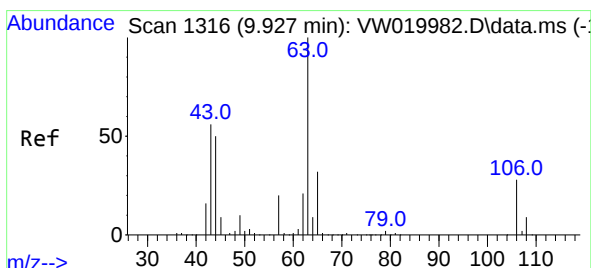
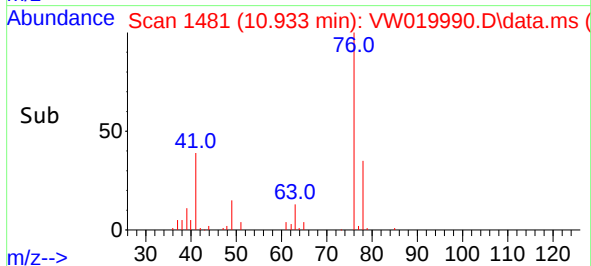
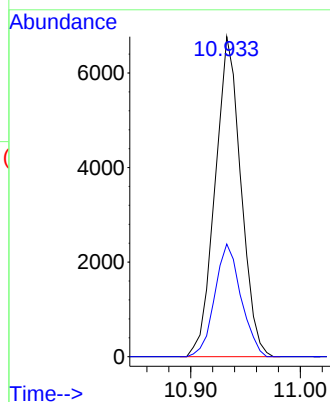
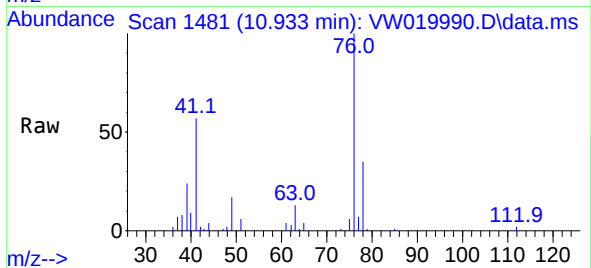
#57
1,3-Dichloropropane
Concen: 3.692 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 76 Resp: 11079
Ion Ratio Lower Upper
76 100
78 35.8 26.6 40.0

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

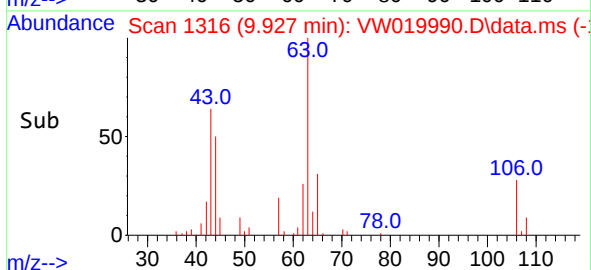
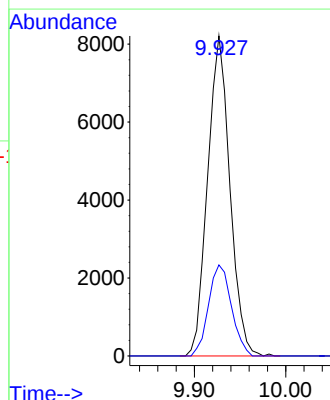
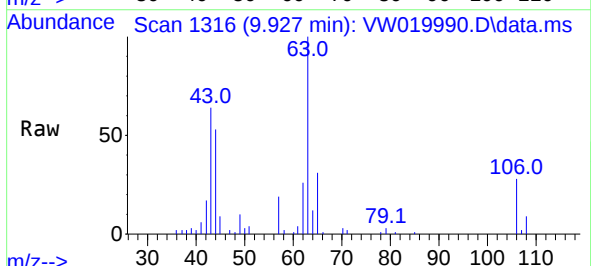
Manual Integrations
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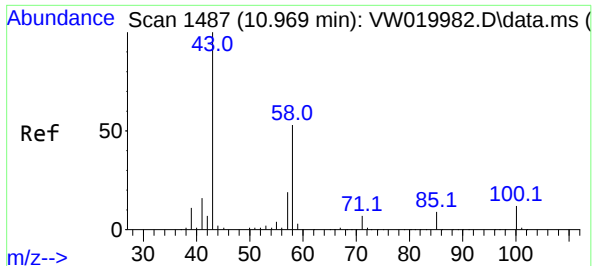
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#58
2-Chloroethyl Vinyl ether
Concen: 15.545 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 63 Resp: 13884
Ion Ratio Lower Upper
63 100
106 29.2 22.9 34.3





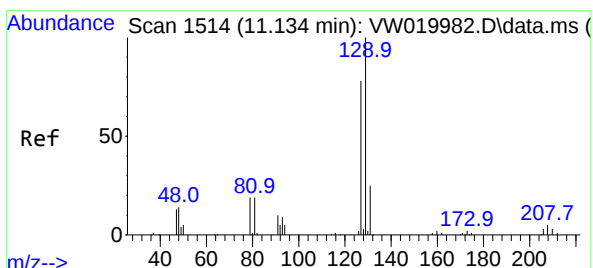
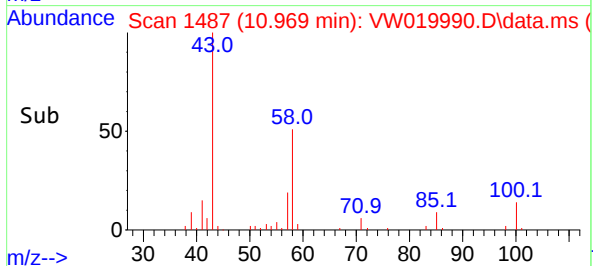
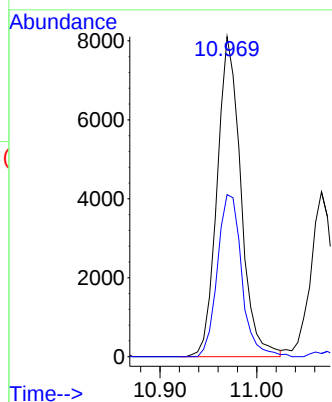
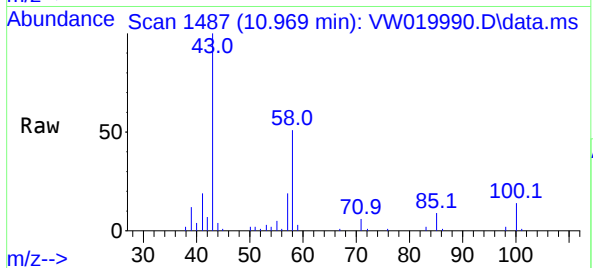
#59
2-Hexanone
Concen: 16.687 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 43 Resp: 13781
Ion Ratio Lower Upper
43 100
58 51.9 27.4 82.0

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

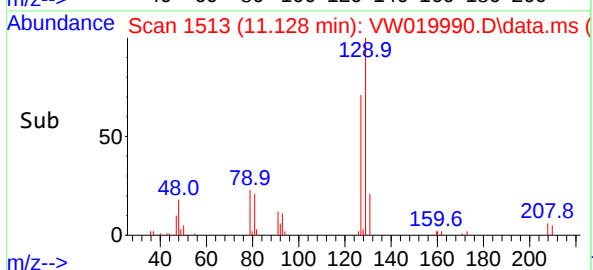
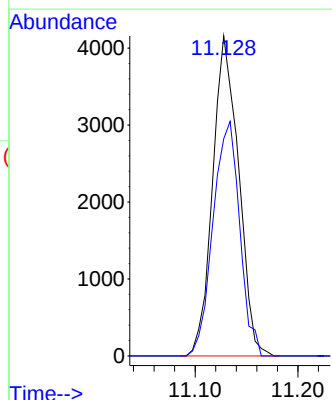
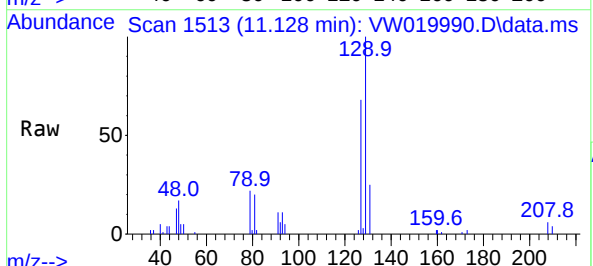
Manual Integrations
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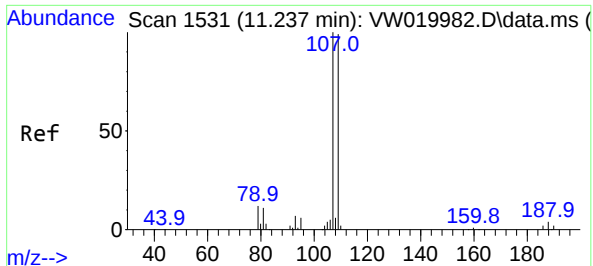
MMDadoda
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#60
Dibromochloromethane
Concen: 3.593 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

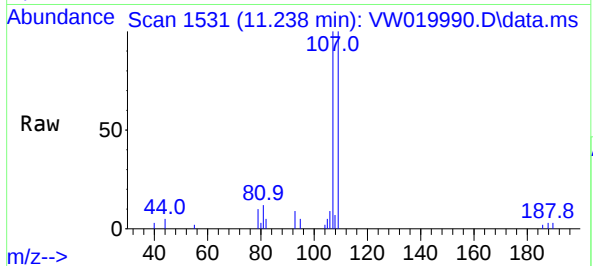
Tgt Ion: 129 Resp: 7275
Ion Ratio Lower Upper
129 100
127 75.1 38.9 116.7





#61
1,2-Dibromoethane
Concen: 3.722 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

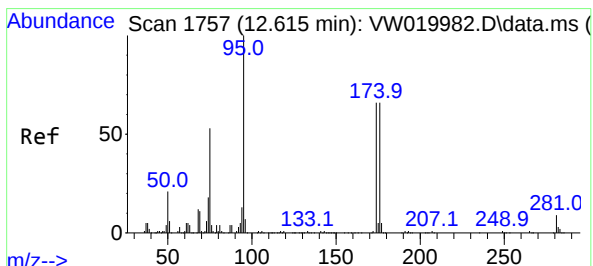
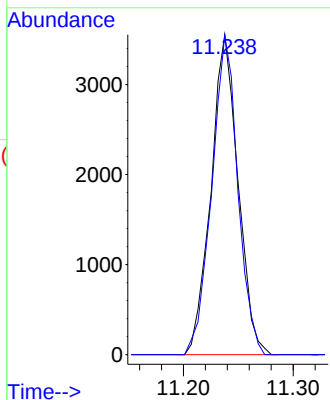
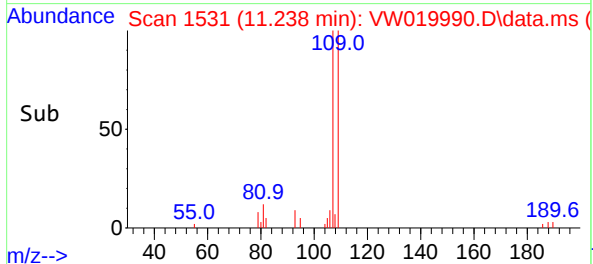
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



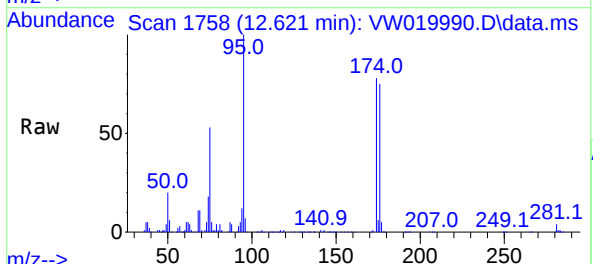
Tgt Ion:107 Resp: 6096
Ion Ratio Lower Upper
107 100
109 96.0 76.4 114.6

Manual Integrations
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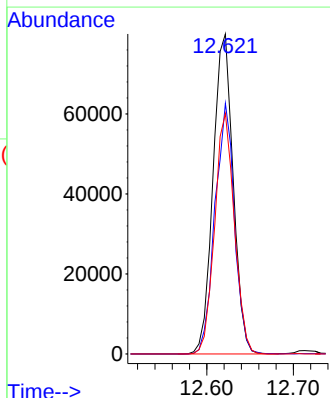
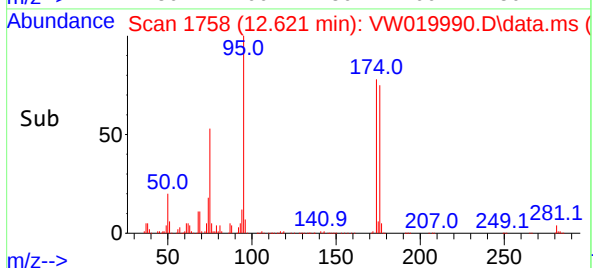
MMDadoda
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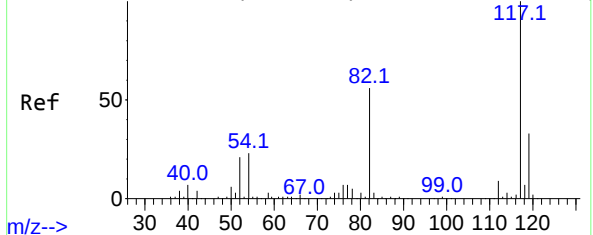
#62
4-Bromofluorobenzene
Concen: 43.918 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



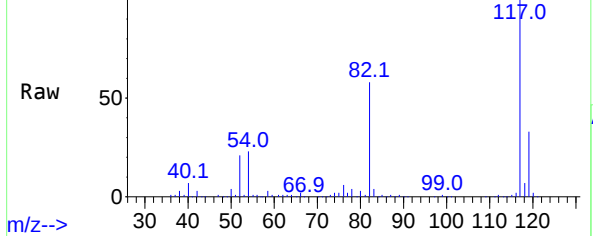
Tgt Ion: 95 Resp: 128798
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.2
176 73.8 0.0 146.4



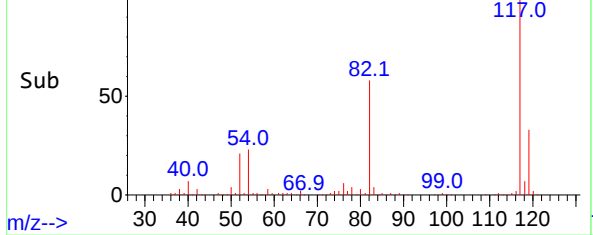
Abundance Scan 1596 (11.634 min): VW019982.D\data.ms (



m/z--> Abundance Scan 1596 (11.634 min): VW019990.D\data.ms



m/z--> Abundance Scan 1596 (11.634 min): VW019990.D\data.ms (



m/z-->

#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VW019990.D

Acq: 07 Sep 2021 18:30

Tgt Ion:117 Resp: 298259

Ion Ratio Lower Upper

117 100

82 57.8 45.0 67.4

119 33.4 26.2 39.2

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

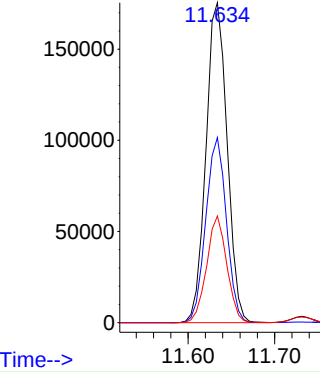
Manual Integrations

APPROVED

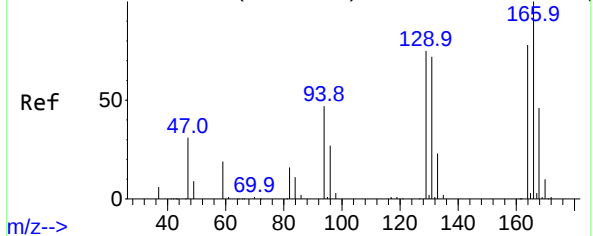
MMDadoda

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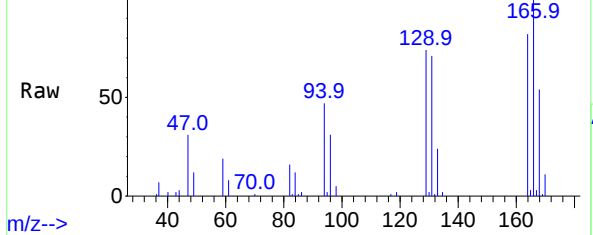
Abundance



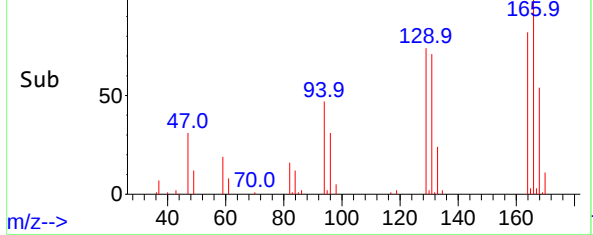
Abundance Scan 1470 (10.866 min): VW019982.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW019990.D\data.ms



m/z--> Abundance Scan 1470 (10.866 min): VW019990.D\data.ms (



m/z-->

#64

Tetrachloroethene

Concen: 3.756 ug/l

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW019990.D

Acq: 07 Sep 2021 18:30

Tgt Ion:164 Resp: 7774

Ion Ratio Lower Upper

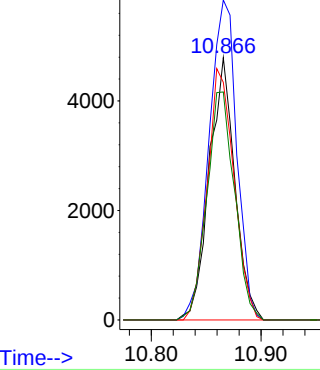
164 100

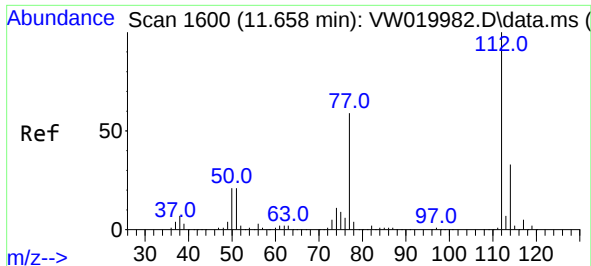
166 122.1 103.1 154.7

129 90.6 77.7 116.5

131 87.0 74.6 112.0

Abundance





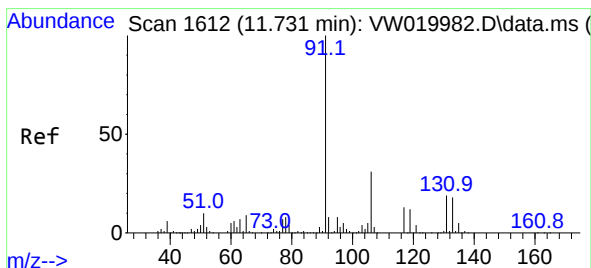
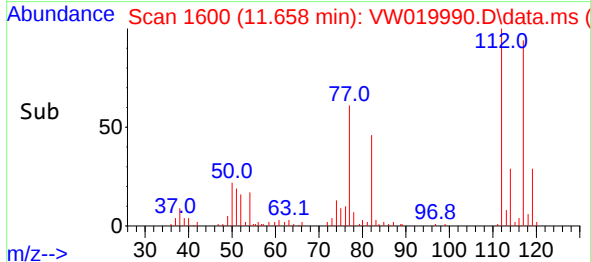
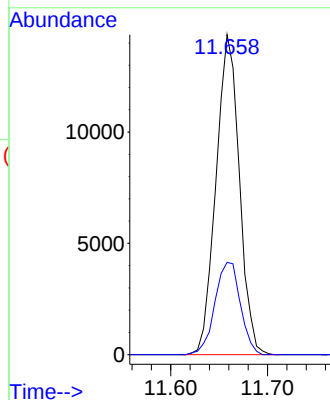
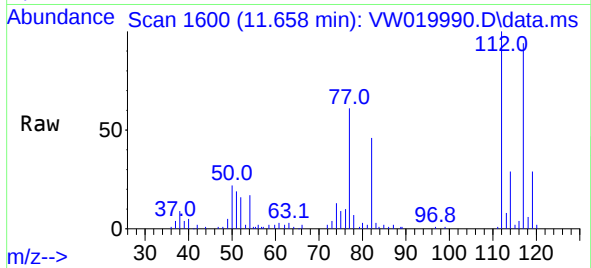
#65
Chlorobenzene
Concen: 3.757 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:112 Resp: 24084
Ion Ratio Lower Upper
112 100
114 28.9 26.1 39.1

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

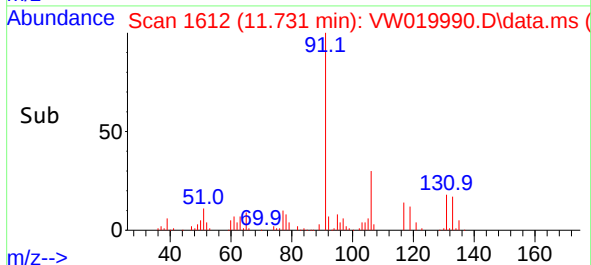
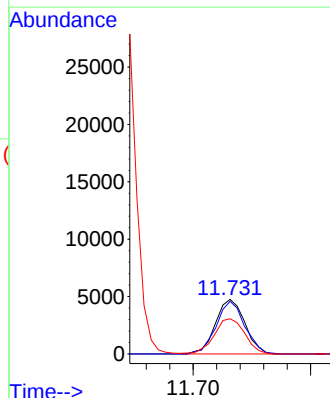
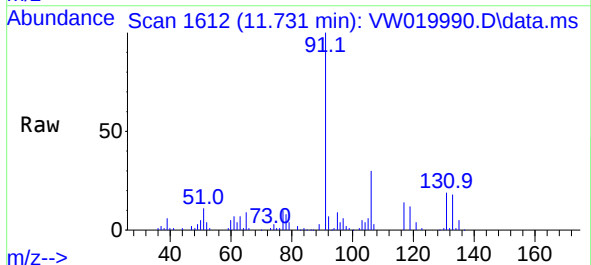
Manual Integrations
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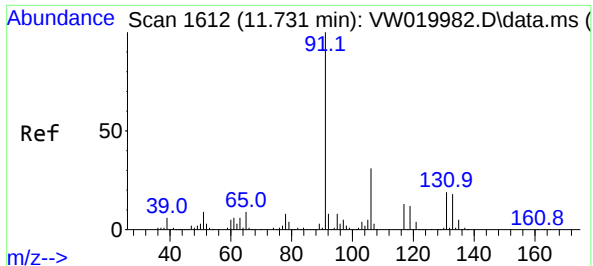
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#66
1,1,1,2-Tetrachloroethane
Concen: 3.600 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

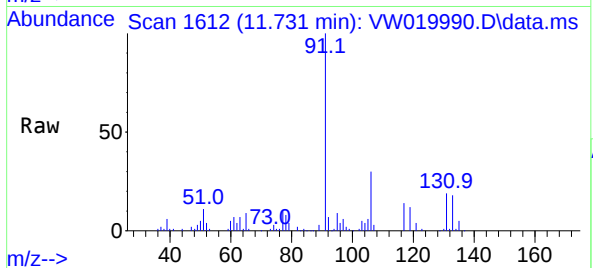
Tgt Ion:131 Resp: 8224
Ion Ratio Lower Upper
131 100
133 94.4 46.6 139.8
119 67.5 32.8 98.4





#67
Ethyl Benzene
Concen: 3.532 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

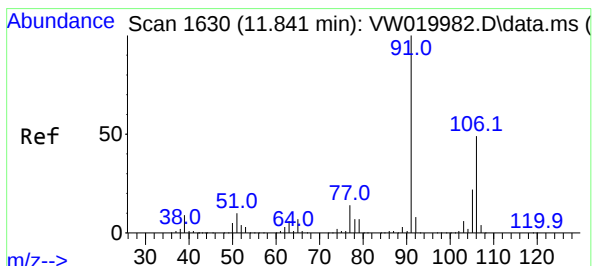
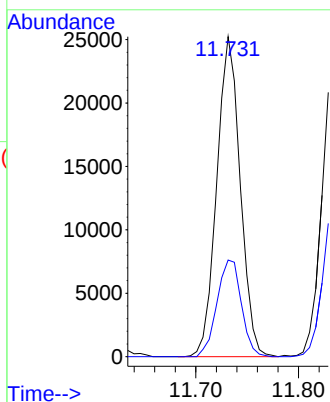
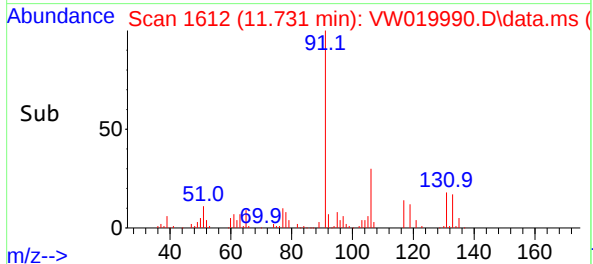
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



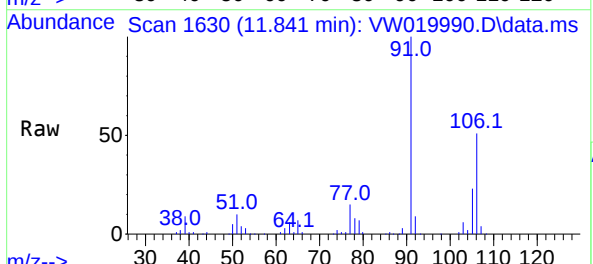
Tgt Ion: 91 Resp: 39942
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1

Manual Integrations
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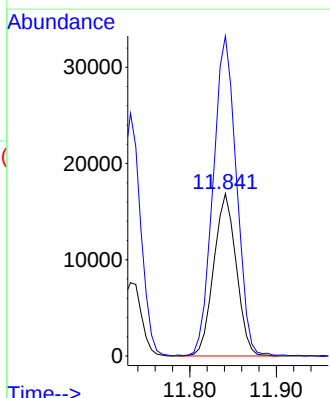
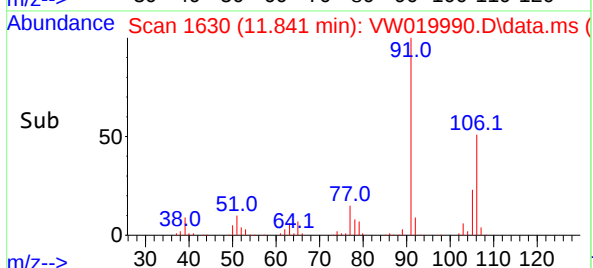
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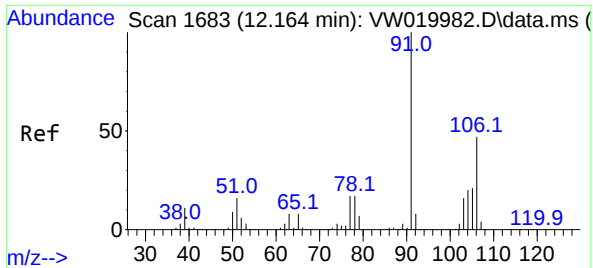


#68
m/p-Xylenes
Concen: 6.826 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion: 106 Resp: 30468
Ion Ratio Lower Upper
106 100
91 204.7 166.8 250.2





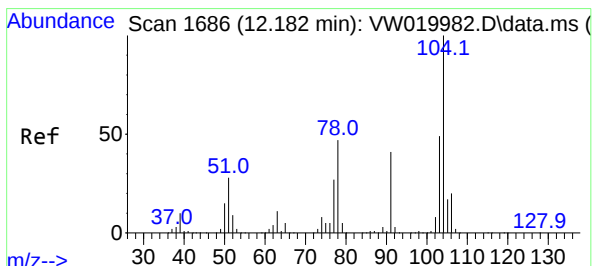
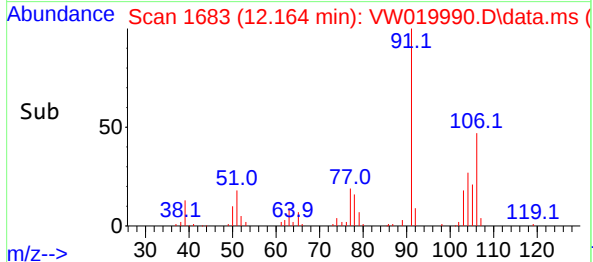
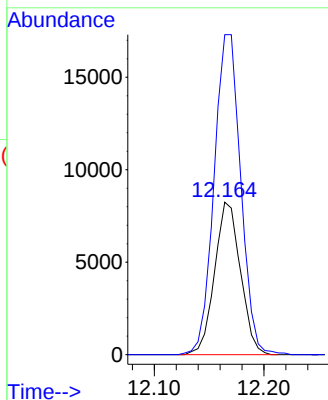
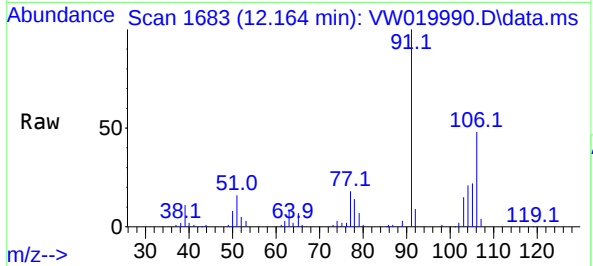
#69
o-Xylene
Concen: 3.298 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

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

Tgt Ion:106 Resp: 13488
Ion Ratio Lower Upper
106 100
91 217.1 109.2 327.6

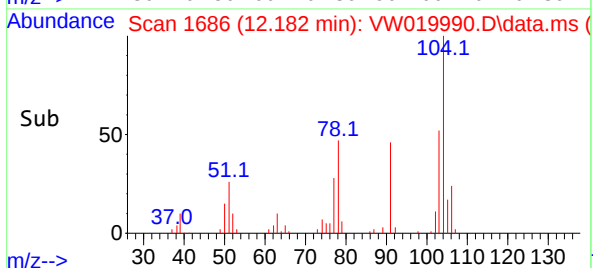
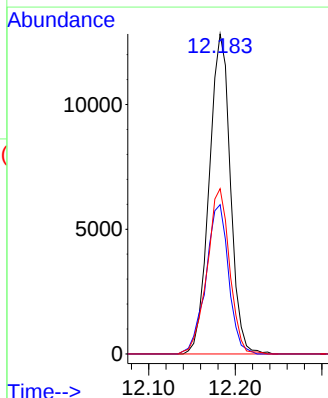
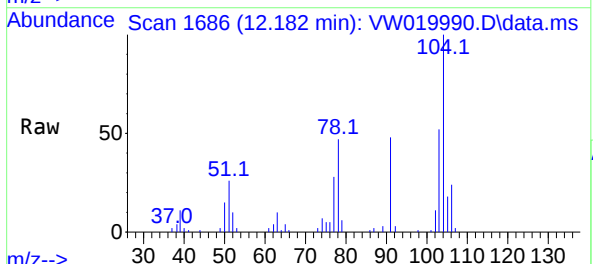
Manual Integrations
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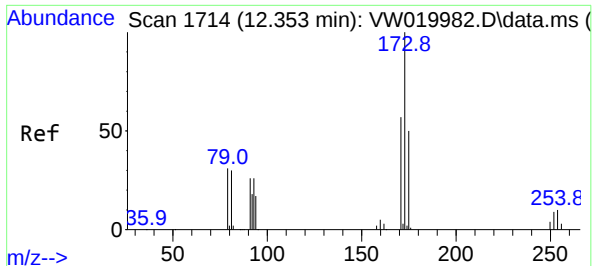
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#70
Styrene
Concen: 3.146 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:104 Resp: 21804
Ion Ratio Lower Upper
104 100
78 50.0 42.6 63.8
103 54.9 43.8 65.6





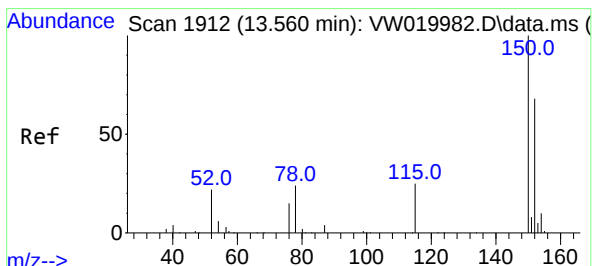
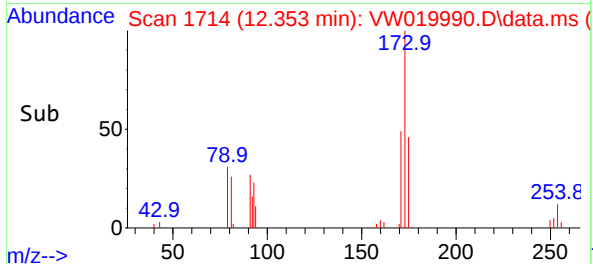
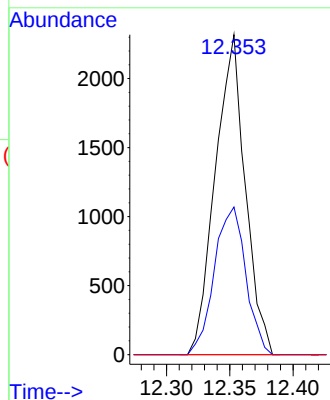
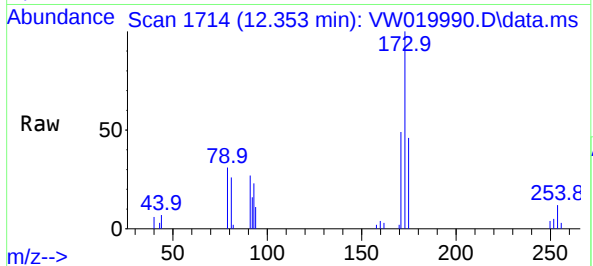
#71
Bromoform
Concen: 3.386 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	173	Resp:	3809
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	73.8
254	0.0	0.0	0.0

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

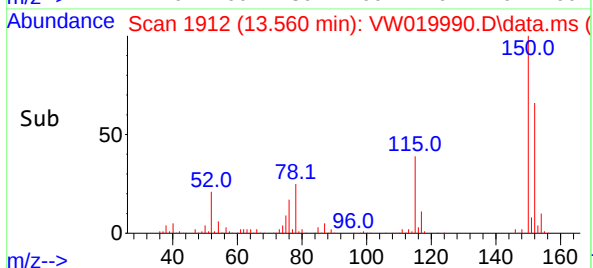
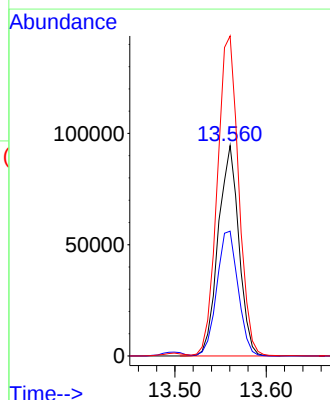
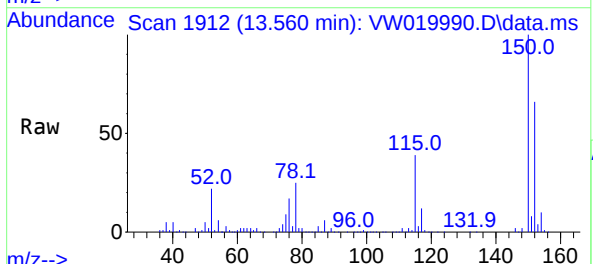
Manual Integrations
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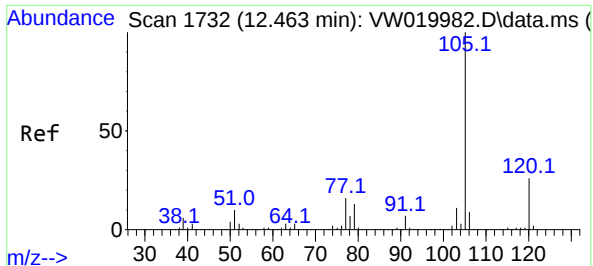
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	152	Resp:	148130
Ion Ratio	Lower	Upper	
152	100		
115	61.3	30.8	92.3
150	157.2	0.0	359.2





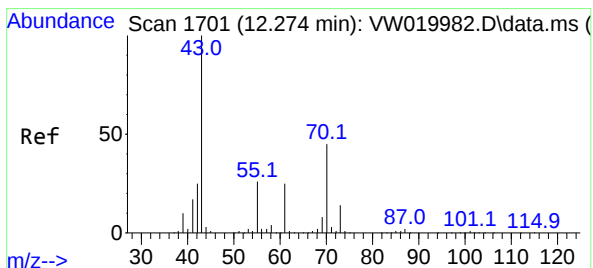
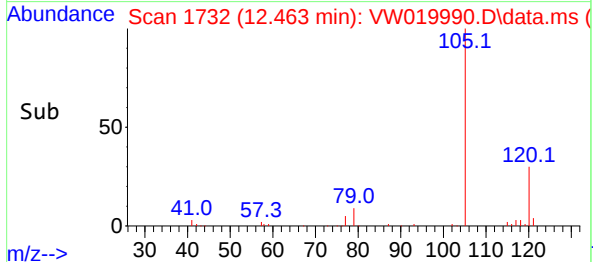
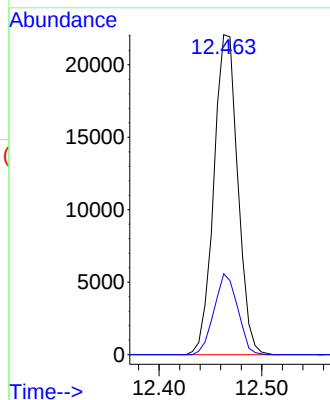
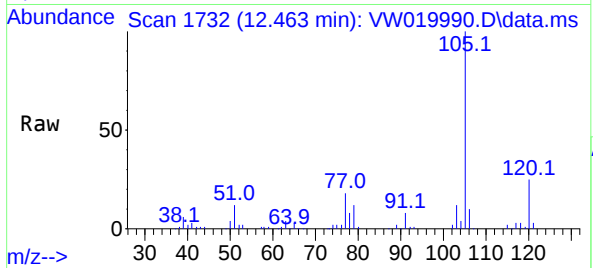
#73
Isopropylbenzene
Concen: 3.405 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 105 Resp: 35688
Ion Ratio Lower Upper
105 100
120 24.9 13.0 39.0

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

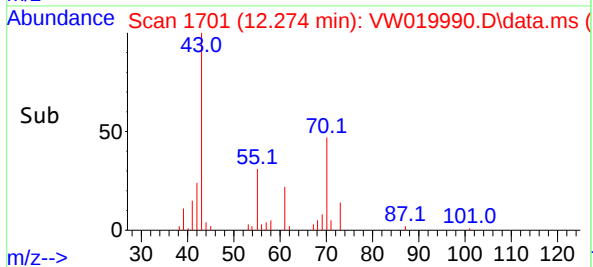
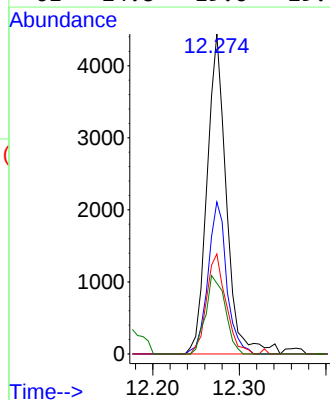
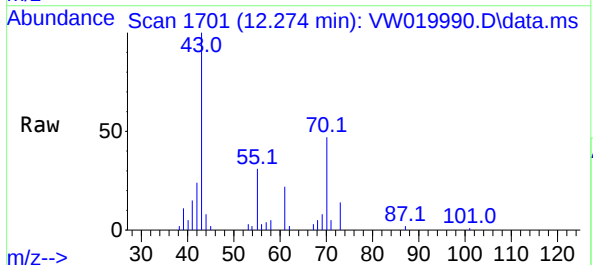
Manual Integrations
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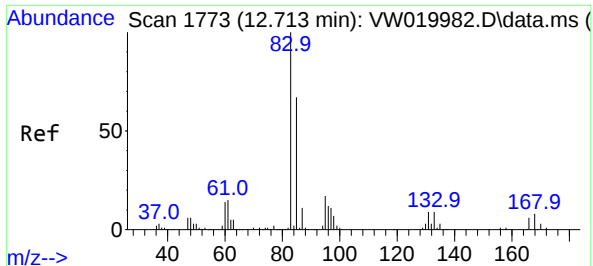
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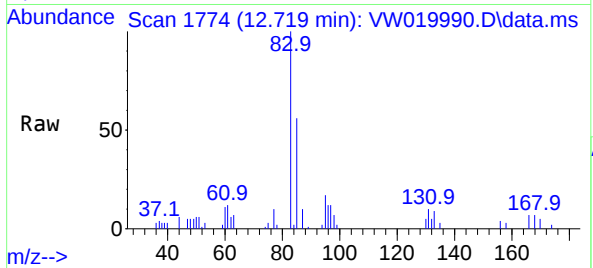
#74
N-ethyl acetate
Concen: 3.199 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 43 Resp: 6882
Ion Ratio Lower Upper
43 100
70 45.7 35.1 52.7
55 31.2 21.4 32.2
61 24.8 19.6 29.4

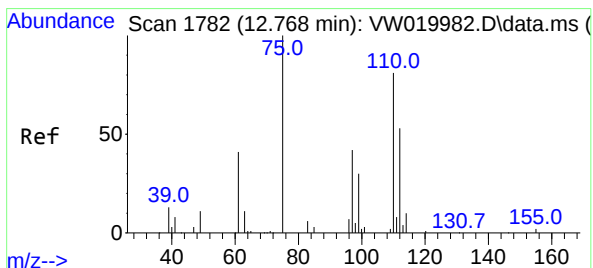
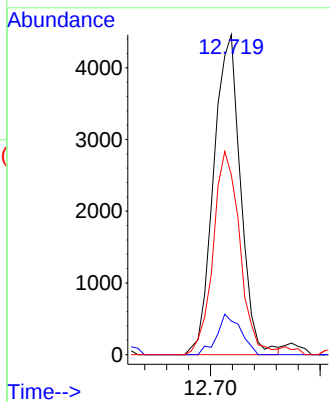
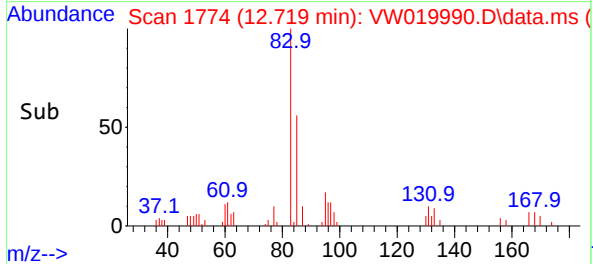




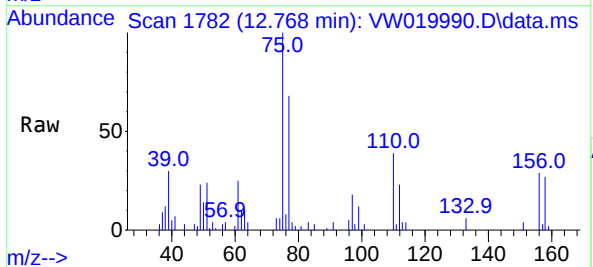
#75
1,1,2,2-Tetrachloroethane
Concen: 3.951 ug/l
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW019990.D
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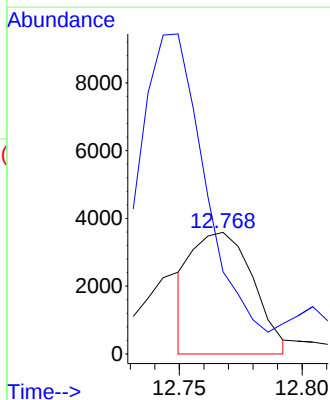
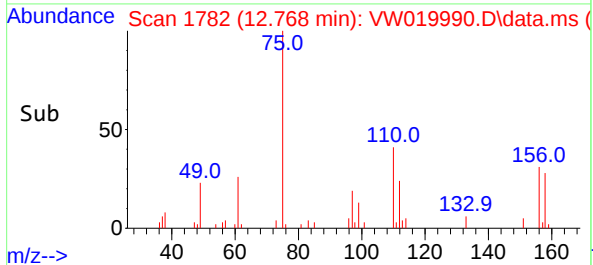
Tgt Ion: 83 Resp: 7605
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.8
85 63.1 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 4.526 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



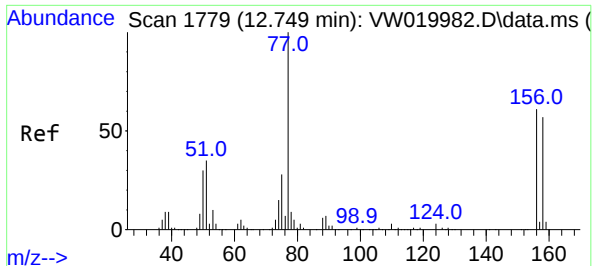
Tgt Ion: 75 Resp: 6228
Ion Ratio Lower Upper
75 100
77 298.9 0.0 0.0#



Instrument :
MSVOA_W
ClientSampleId :
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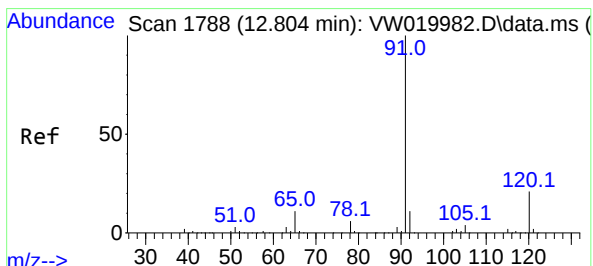
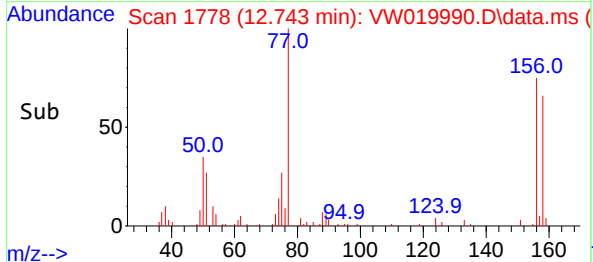
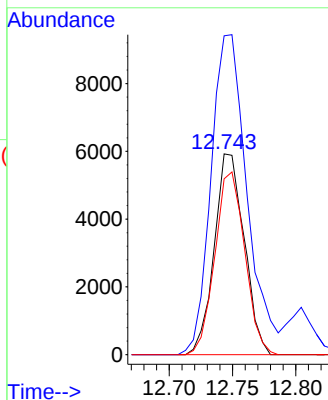
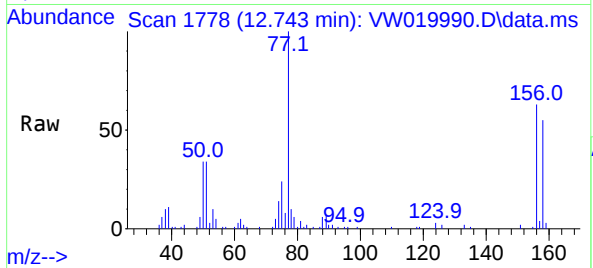
#77
Bromobenzene
Concen: 4.013 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 156 Resp: 9756
Ion Ratio Lower Upper
156 100
77 190.8 96.6 289.8
158 90.9 48.6 145.9

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

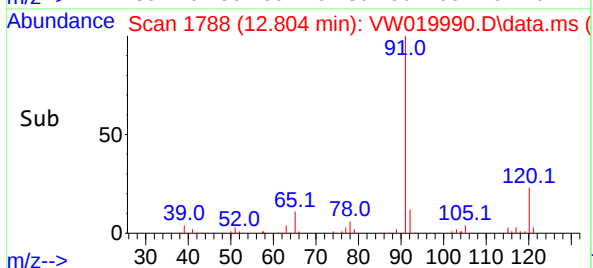
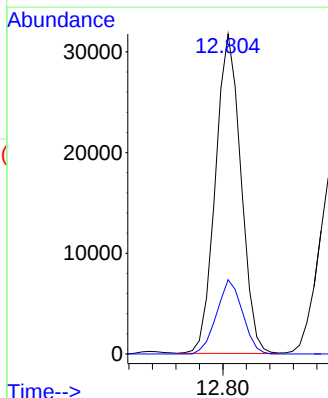
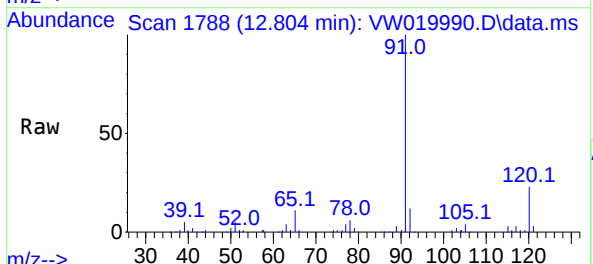
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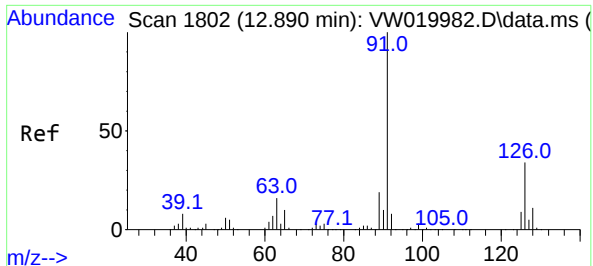
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#78
n-propylbenzene
Concen: 3.617 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 91 Resp: 47738
Ion Ratio Lower Upper
91 100
120 23.6 10.9 32.7





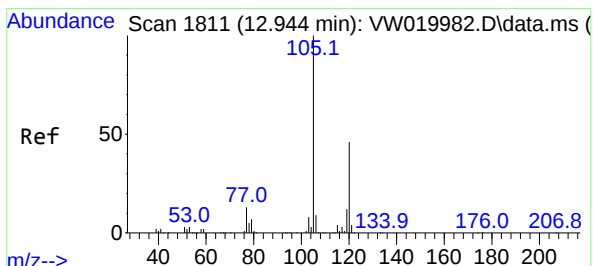
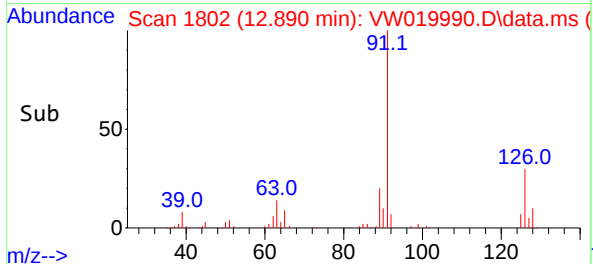
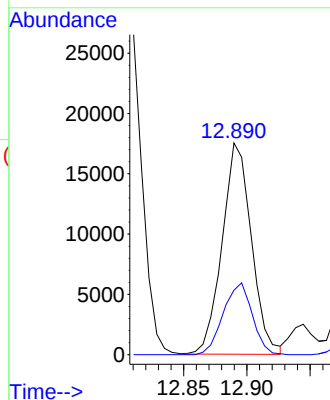
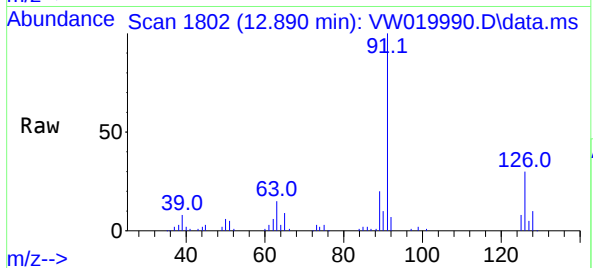
#79
2-Chlorotoluene
Concen: 3.679 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion: 91 Resp: 28264
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.2

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

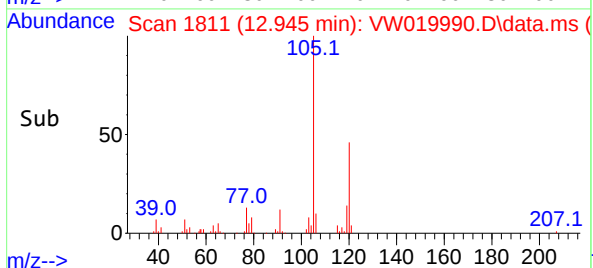
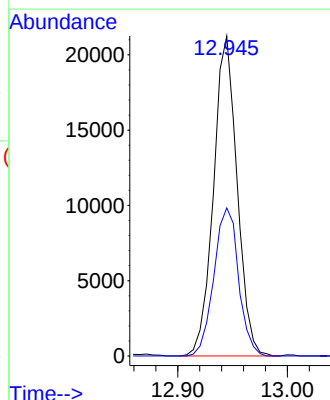
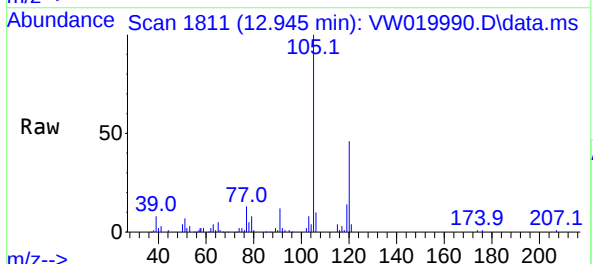
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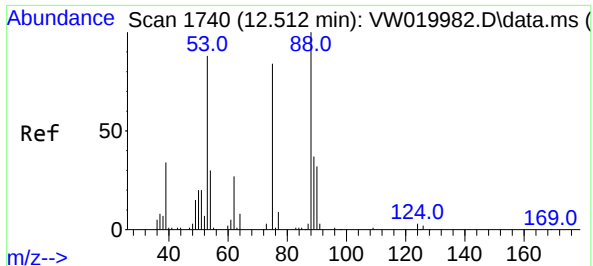
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#80
1,3,5-Trimethylbenzene
Concen: 3.435 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

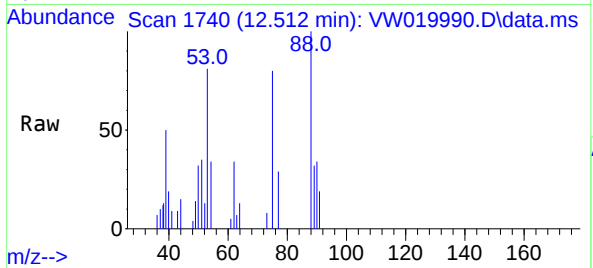
Tgt Ion: 105 Resp: 31737
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.237 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

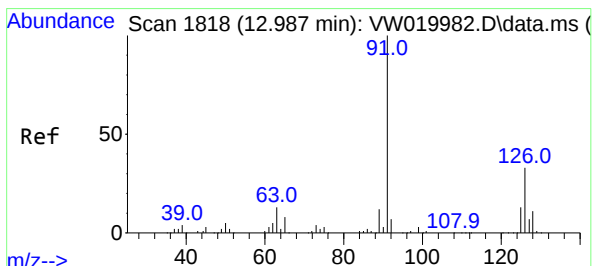
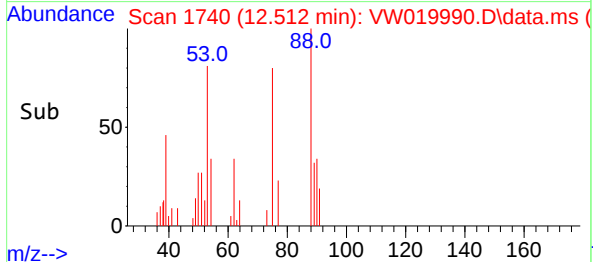
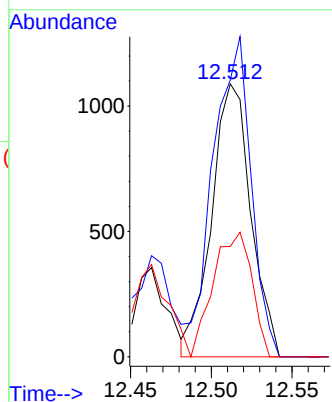
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



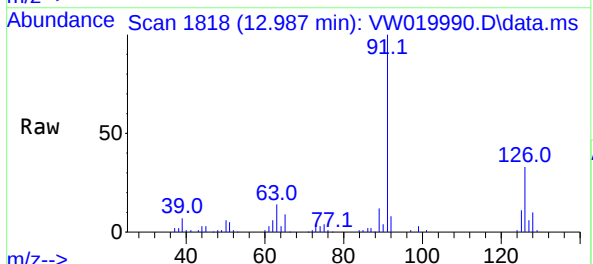
Tgt Ion: 75 Resp: 1840
Ion Ratio Lower Upper
75 100
53 0.0 86.1 129.1#
89 0.0 37.7 56.5#

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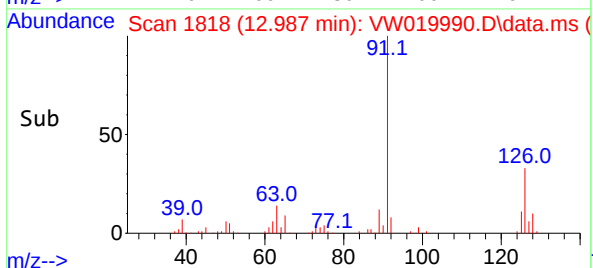
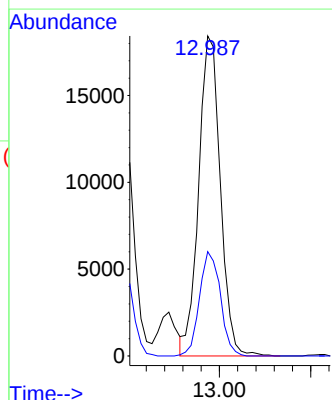
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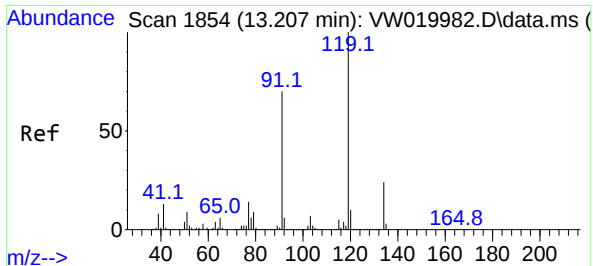


#82
4-Chlorotoluene
Concen: 3.747 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

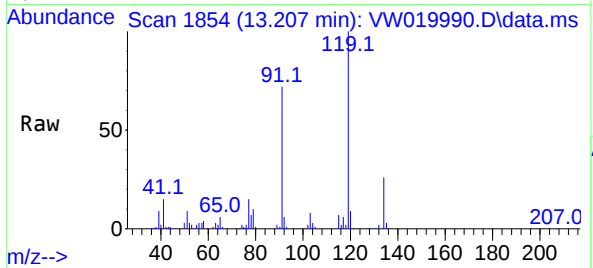


Tgt Ion: 91 Resp: 30265
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.2

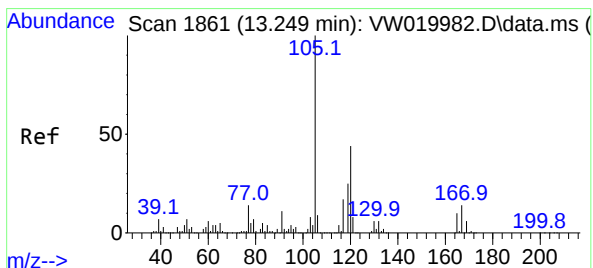
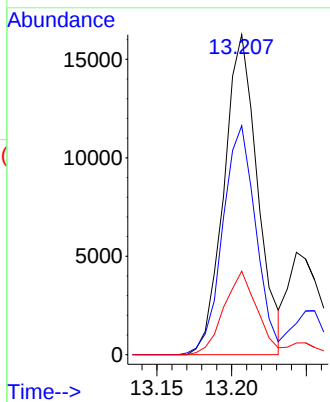
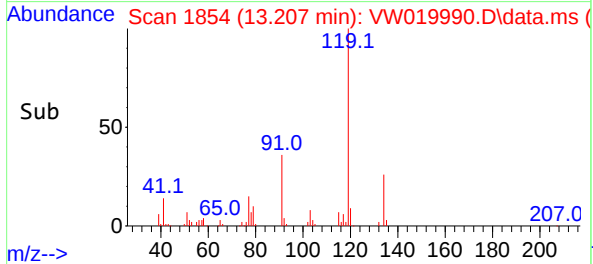




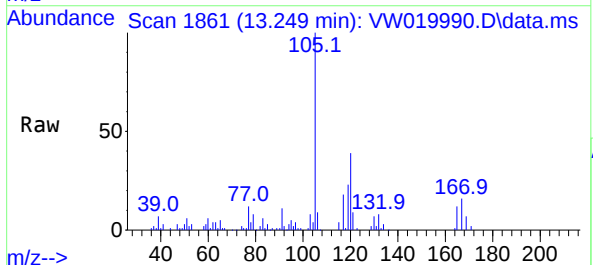
#83
tert-Butylbenzene
Concen: 3.287 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



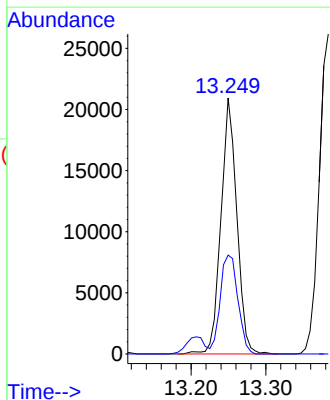
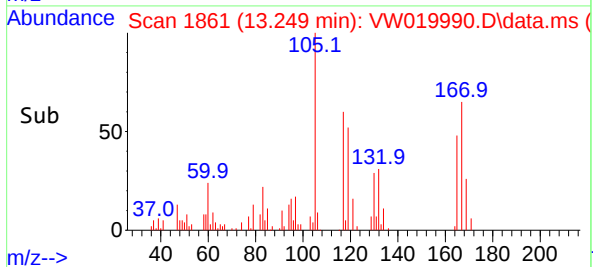
Tgt Ion:119 Resp: 25436
Ion Ratio Lower Upper
119 100
91 70.5 35.0 105.0
134 26.2 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 3.417 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



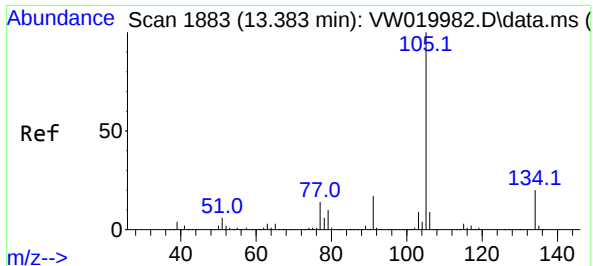
Tgt Ion:105 Resp: 30918
Ion Ratio Lower Upper
105 100
120 42.7 21.4 64.3



Instrument :
MSVOA_W
ClientSampleId :
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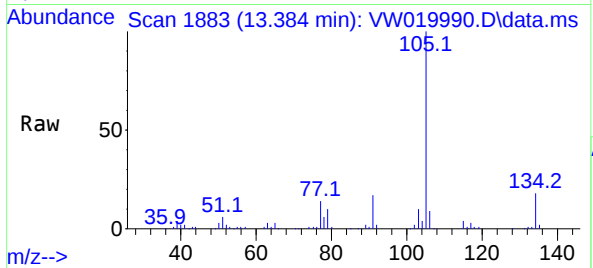
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#85
sec-Butylbenzene
Concen: 3.487 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

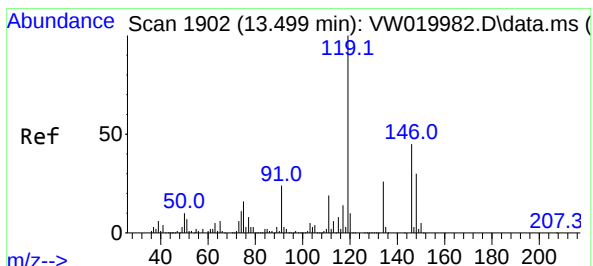
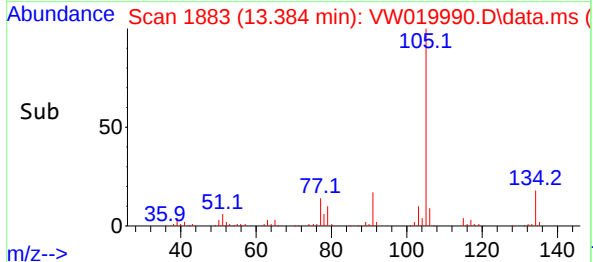
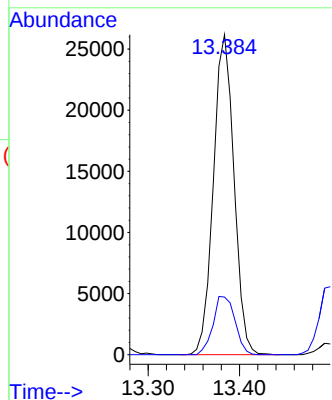
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



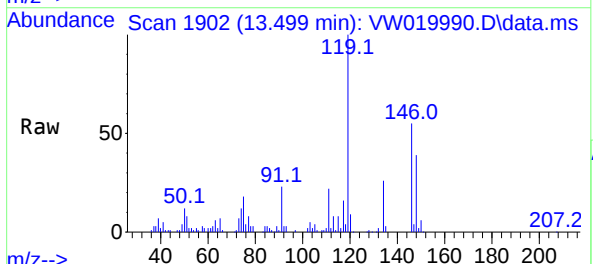
Tgt Ion:105 Resp: 40973
Ion Ratio Lower Upper
105 100
134 19.3 10.1 30.1

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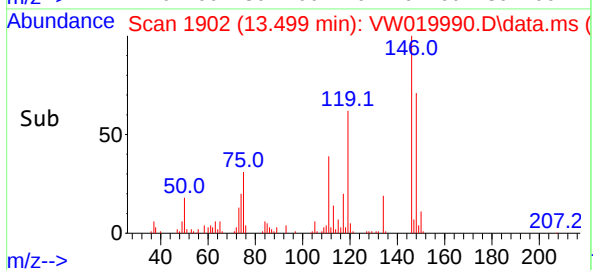
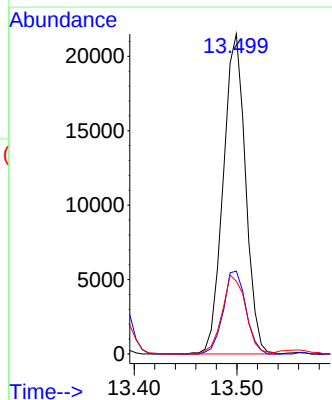
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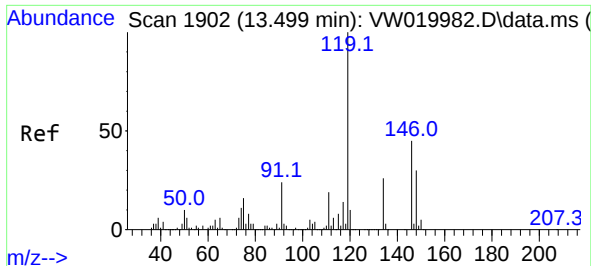


#86
p-Isopropyltoluene
Concen: 3.269 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



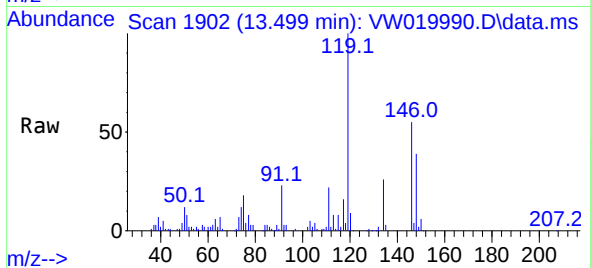
Tgt Ion:119 Resp: 32337
Ion Ratio Lower Upper
119 100
134 26.3 12.8 38.4
91 26.0 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 3.668 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

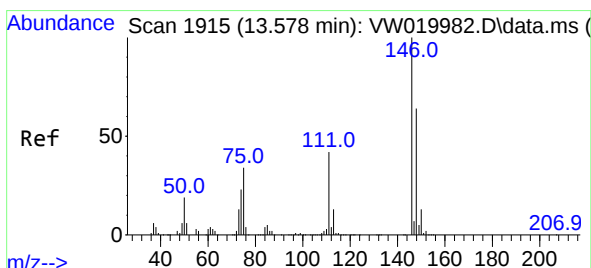
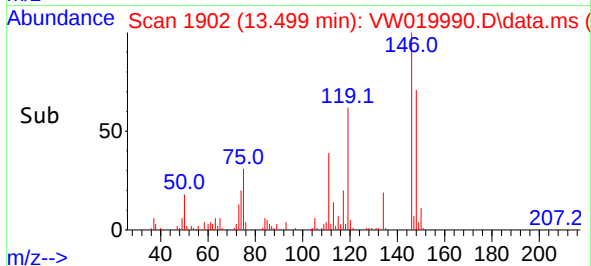
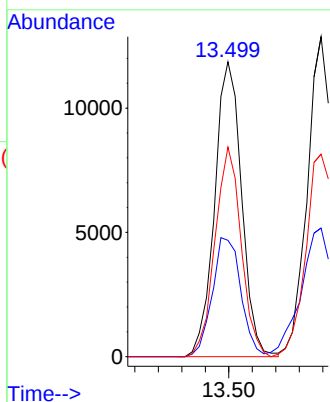
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



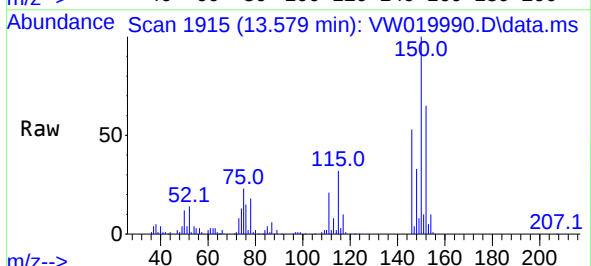
Tgt Ion:146 Resp: 18910
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 68.9 32.0 96.2

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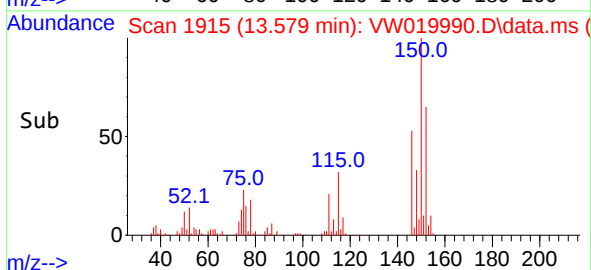
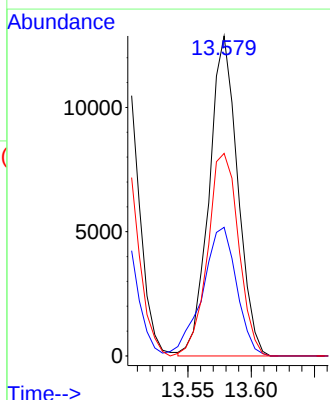
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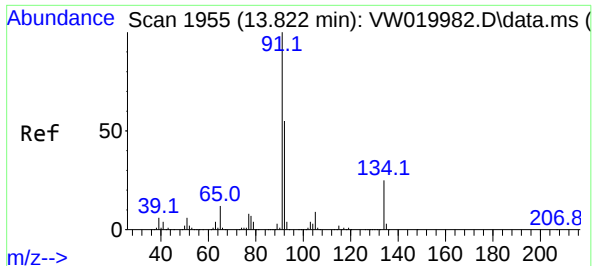


#88
1,4-Dichlorobenzene
Concen: 3.941 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



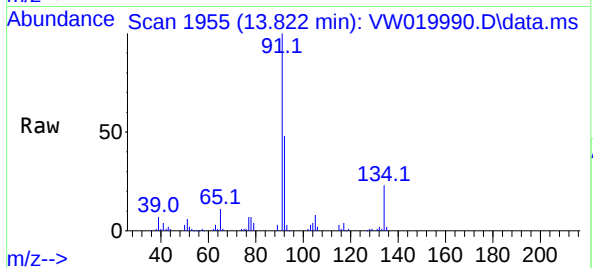
Tgt Ion:146 Resp: 20161
Ion Ratio Lower Upper
146 100
111 48.5 20.9 62.8
148 68.9 31.7 95.1





#89
n-Butylbenzene
Concen: 3.440 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

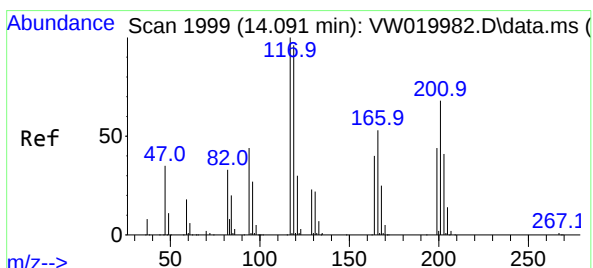
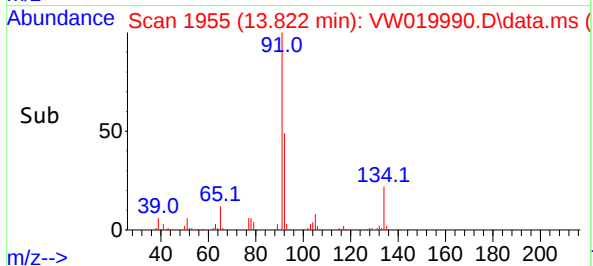
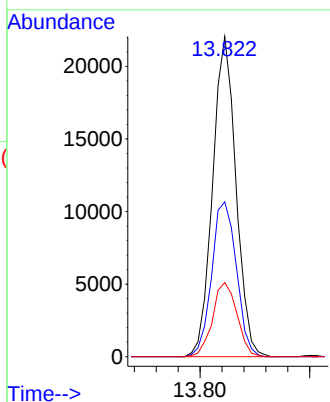
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



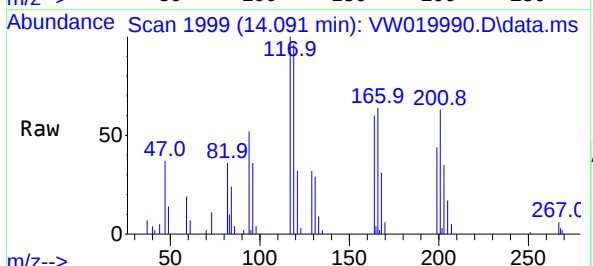
Tgt Ion: 91 Resp: 32606
Ion Ratio Lower Upper
91 100
92 51.3 27.1 81.3
134 24.2 12.4 37.2

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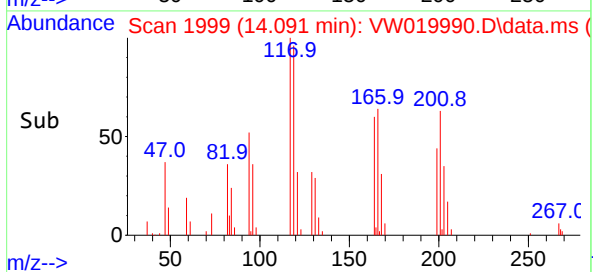
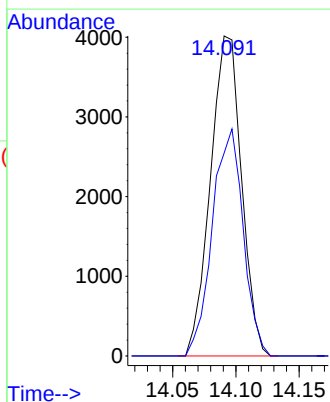
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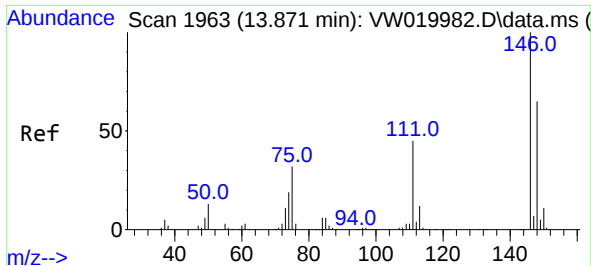


#90
Hexachloroethane
Concen: 3.634 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

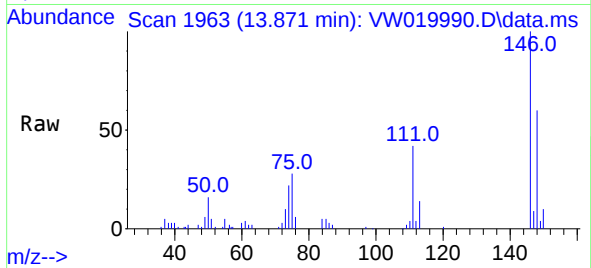


Tgt Ion: 117 Resp: 6870
Ion Ratio Lower Upper
117 100
201 70.4 34.7 104.1

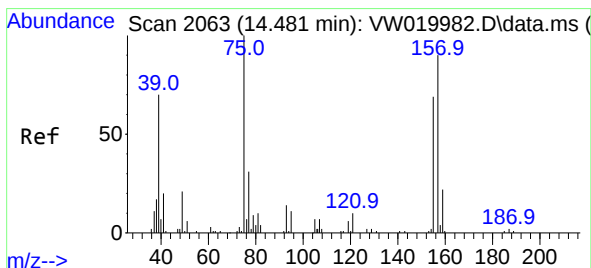
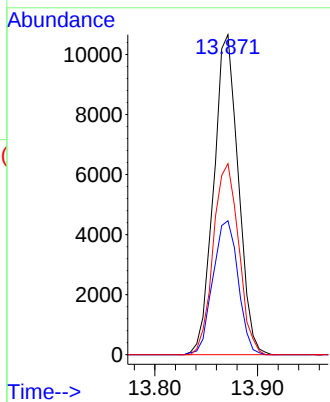
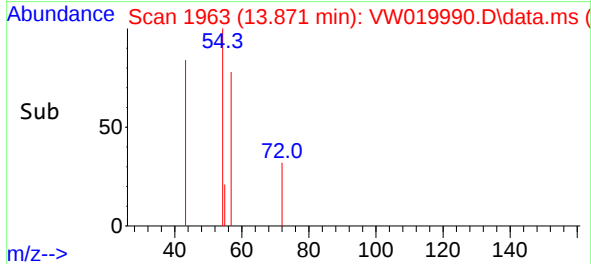




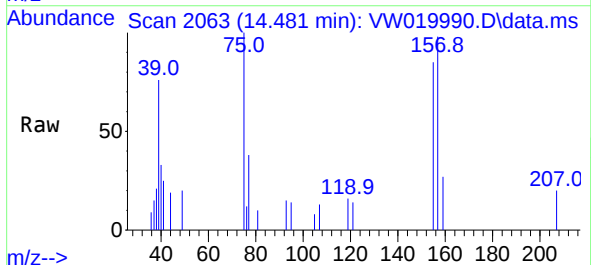
#91
1,2-Dichlorobenzene
Concen: 3.951 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



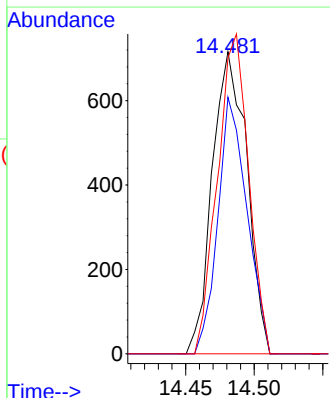
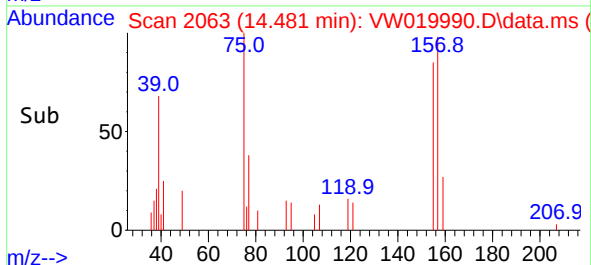
Tgt Ion: 146 Resp: 17692
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.4
148 61.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.961 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



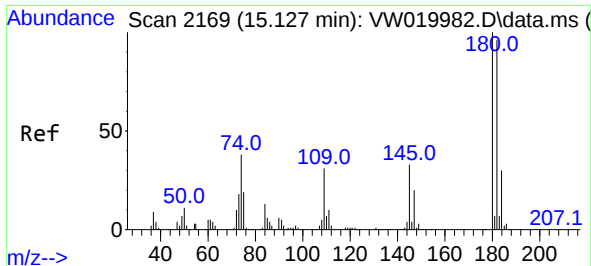
Tgt Ion: 75 Resp: 1251
Ion Ratio Lower Upper
75 100
155 71.9 37.6 112.9
157 95.9 47.6 142.8



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

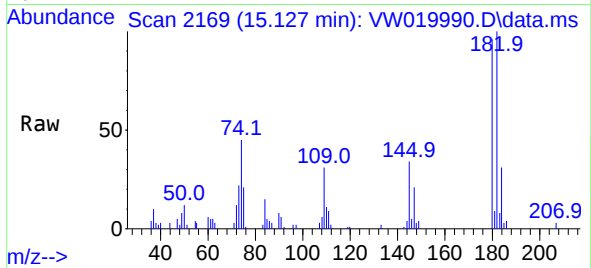
Manual Integrations
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9/8/2021 7:12:03 PM



#93
1,2,4-Trichlorobenzene
Concen: 3.552 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

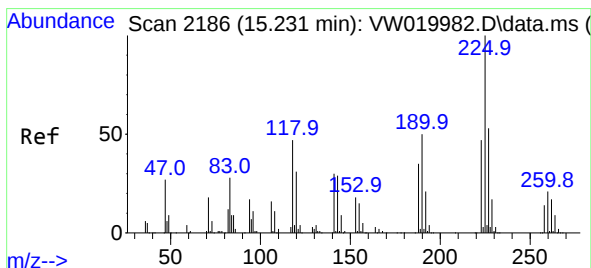
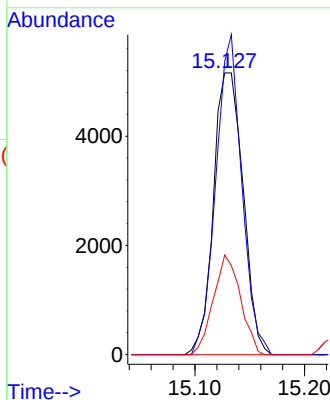
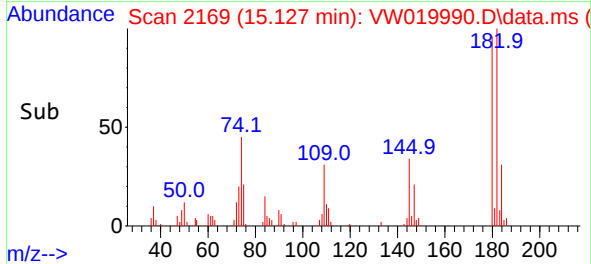
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



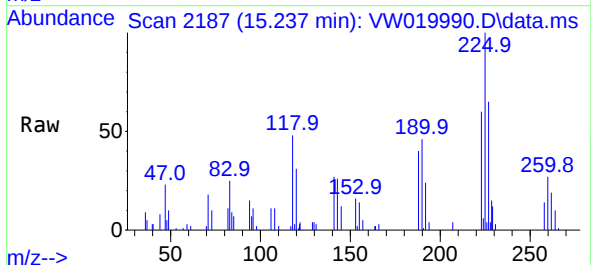
Tgt Ion:180 Resp: 9696
Ion Ratio Lower Upper
180 100
182 99.2 47.0 141.0
145 32.4 16.3 48.9

Manual Integrations
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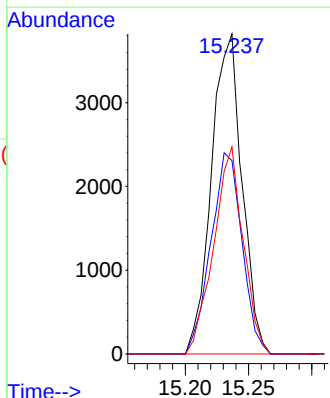
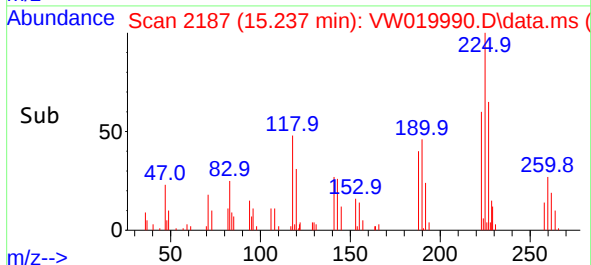
MMDadoda
9/8/2021 7:12:03 PM

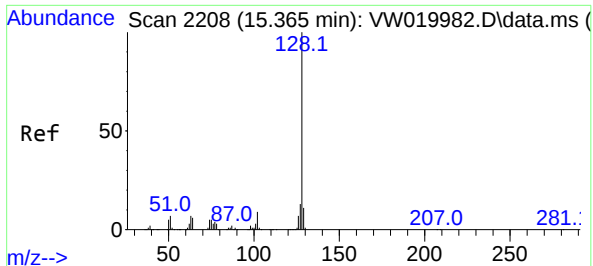


#94
Hexachlorobutadiene
Concen: 3.958 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30



Tgt Ion:225 Resp: 6418
Ion Ratio Lower Upper
225 100
223 64.0 30.2 90.6
227 62.5 30.1 90.5





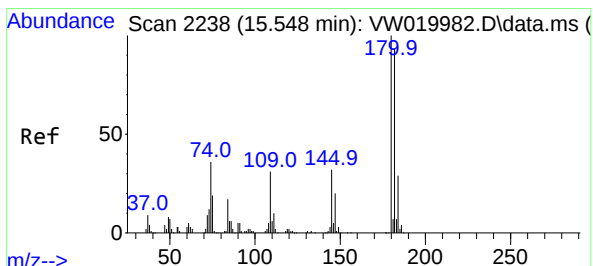
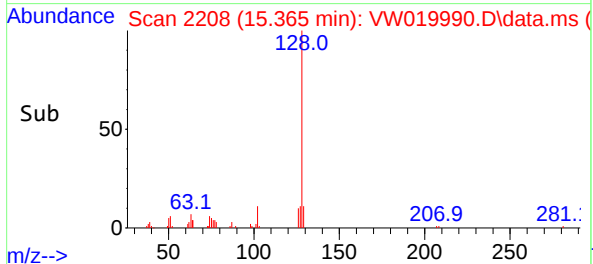
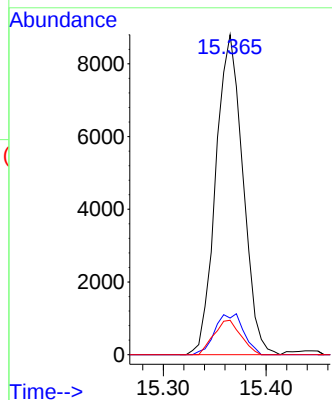
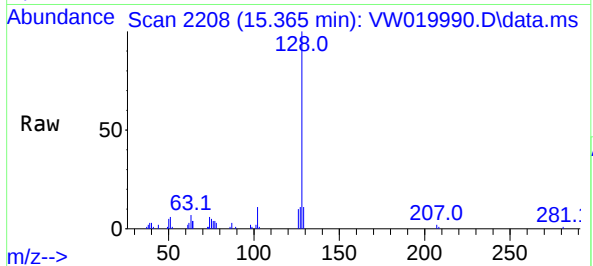
#95
Naphthalene
Concen: 3.414 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	128	Resp:	16125
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	10.7	8.7	13.1

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

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 3.741 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019990.D
Acq: 07 Sep 2021 18:30

Tgt Ion:	180	Resp:	8953
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.7
145	34.7	16.4	49.2

