

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070699.D
 Acq On : 13 Oct 2021 15:52
 Operator : VA/SY
 Sample : M4068-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Quant Time: Oct 14 04:37:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 04:36:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	310869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	568066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	537286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182838	49.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.960%		
35) Dibromofluoromethane	7.914	113	189053	50.056	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.120%		
50) Toluene-d8	10.332	98	706781	48.952	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.626	95	231971	48.071	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	15574	4.108	ug/l	88
3) Chloromethane	2.209	50	18912	4.017	ug/l	93
4) Vinyl Chloride	2.344	62	19748	3.785	ug/l #	83
5) Bromomethane	2.767	94	14647	4.118	ug/l	93
6) Chloroethane	2.920	64	11966	3.592	ug/l	99
7) Trichlorofluoromethane	3.273	101	28221	4.174	ug/l	86
8) Diethyl Ether	3.708	74	6798	3.865	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	16587	4.048	ug/l	95
10) Methyl Iodide	4.303	142	10812	2.842	ug/l	96
11) Tert butyl alcohol	5.226	59	3491	19.262	ug/l #	83
12) 1,1-Dichloroethene	4.067	96	14718	4.035	ug/l	96
13) Acrolein	3.926	56	2588	14.873	ug/l #	42
14) Allyl chloride	4.708	41	17113	3.370	ug/l	98
15) Acrylonitrile	5.432	53	14501	19.001	ug/l	97
16) Acetone	4.161	43	11244	18.099	ug/l	91
17) Carbon Disulfide	4.403	76	47951	3.600	ug/l #	86
18) Methyl Acetate	4.726	43	10039	4.187	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	25103	3.454	ug/l	98
20) Methylene Chloride	4.955	84	31170	5.376	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	16561	3.860	ug/l #	67
22) Diisopropyl ether	6.367	45	31931	3.061	ug/l #	98
23) Vinyl Acetate	6.302	43	65912	13.897	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	28891	3.760	ug/l #	92
25) 2-Butanone	7.214	43	14122	17.361	ug/l	99
26) 2,2-Dichloropropane	7.202	77	23046	3.624	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	16997	3.770	ug/l	92
28) Bromochloromethane	7.549	49	10278	3.842	ug/l	98
29) Tetrahydrofuran	7.567	42	8733	16.657	ug/l	96
30) Chloroform	7.708	83	30662	3.836	ug/l	90
31) Cyclohexane	7.979	56	27246	4.022	ug/l #	73
32) 1,1,1-Trichloroethane	7.896	97	27777	4.035	ug/l	96
36) 1,1-Dichloropropene	8.108	75	21154	3.506	ug/l	98
37) Ethyl Acetate	7.291	43	7663	3.823	ug/l #	90
38) Carbon Tetrachloride	8.096	117	23775	3.766	ug/l	94
39) Methylcyclohexane	9.355	83	23790	3.429	ug/l	97
40) Benzene	8.344	78	66826	3.758	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	4259	4.120	ug/l #	79
42) 1,2-Dichloroethane	8.414	62	17378	3.779	ug/l	96
43) Isopropyl Acetate	8.449	43	12917	3.517	ug/l #	54
44) Trichloroethene	9.108	130	17444	3.978	ug/l	92
45) 1,2-Dichloropropane	9.385	63	15875	3.498	ug/l #	86
46) Dibromomethane	9.467	93	8511	3.654	ug/l	92
47) Bromodichloromethane	9.655	83	22066	3.671	ug/l #	96
48) Methyl methacrylate	9.449	41	4841	2.812	ug/l #	81
49) 1,4-Dioxane	9.455	88	1694	71.574	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	29973	15.818	ug/l	99
52) Toluene	10.396	92	41754	3.822	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	18791	3.572	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	21765	3.436	ug/l #	91
55) 1,1,2-Trichloroethane	10.790	97	12249	3.860	ug/l	95
56) Ethyl methacrylate	10.655	69	11568	3.413	ug/l	94
57) 1,3-Dichloropropane	10.937	76	19270	3.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	27154	17.762	ug/l	98
59) 2-Hexanone	10.979	43	21092	16.446	ug/l	95
60) Dibromochloromethane	11.132	129	14248	3.727	ug/l	98
61) 1,2-Dibromoethane	11.232	107	10834	3.667	ug/l	91
64) Tetrachloroethene	10.873	164	13627	3.955	ug/l	94
65) Chlorobenzene	11.661	112	42182	3.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	16667	3.911	ug/l	98
67) Ethyl Benzene	11.737	91	66487	3.363	ug/l	99
68) m/p-Xylenes	11.843	106	51715	6.642	ug/l	95
69) o-Xylene	12.173	106	22611	3.265	ug/l	99
70) Styrene	12.184	104	38866	3.185	ug/l	99
71) Bromoform	12.349	173	7997	3.997	ug/l #	96
73) Isopropylbenzene	12.467	105	59096	3.257	ug/l	98
74) N-amyl acetate	12.279	43	10762	3.147	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	13431	3.786	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	10459m	4.643	ug/l	
77) Bromobenzene	12.749	156	16067	3.961	ug/l	95
78) n-propylbenzene	12.814	91	78149	3.403	ug/l	98
79) 2-Chlorotoluene	12.896	91	46057	3.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	50469	3.261	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	3330	3.282	ug/l	89
82) 4-Chlorotoluene	12.990	91	46700	3.316	ug/l	92
83) tert-Butylbenzene	13.214	119	43811	3.426	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	48528	3.152	ug/l	100
85) sec-Butylbenzene	13.390	105	63790	3.218	ug/l	98
86) p-Isopropyltoluene	13.502	119	51140	3.158	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	31244	3.668	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	33316	3.945	ug/l	89
89) n-Butylbenzene	13.831	91	50303	3.254	ug/l	99
90) Hexachloroethane	14.096	117	13044	3.726	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	27090	3.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2217	4.329	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	15055	3.850	ug/l	98
94) Hexachlorobutadiene	15.249	225	9640	3.901	ug/l	98
95) Naphthalene	15.384	128	24070	3.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.578	180	13143	3.816	ug/l	97

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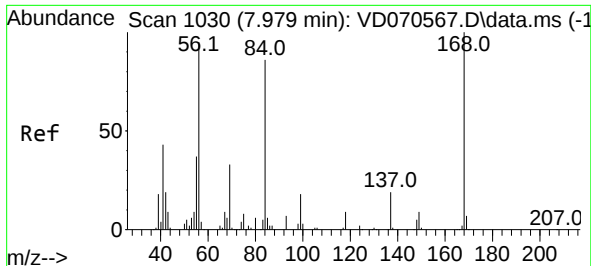
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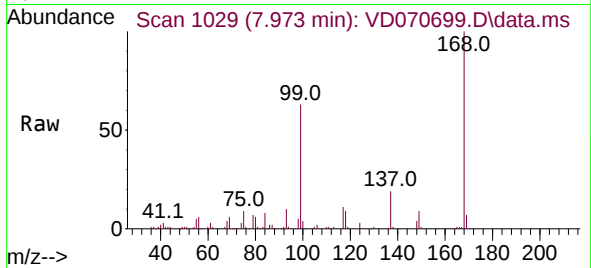
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070699.D
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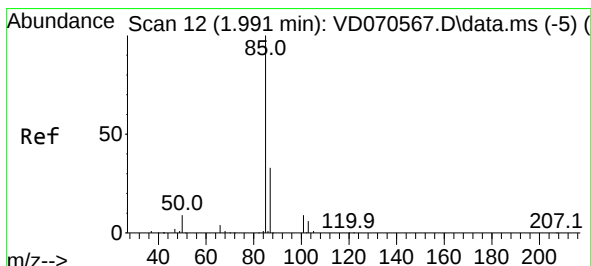
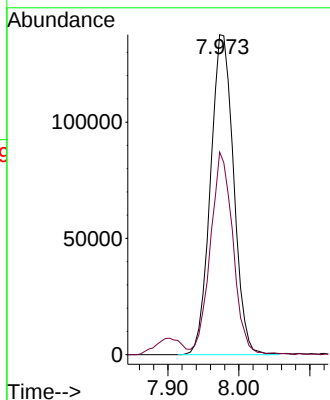
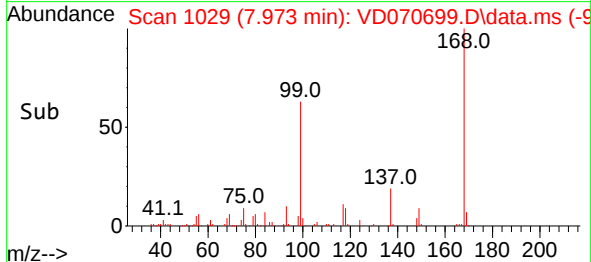
Instrument :
MSVOA_D
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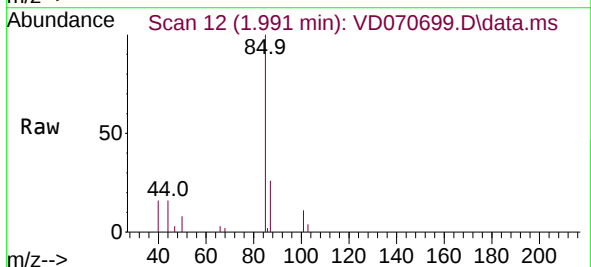
Tgt Ion:168 Resp: 310869
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0

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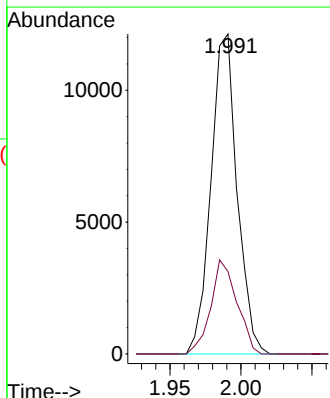
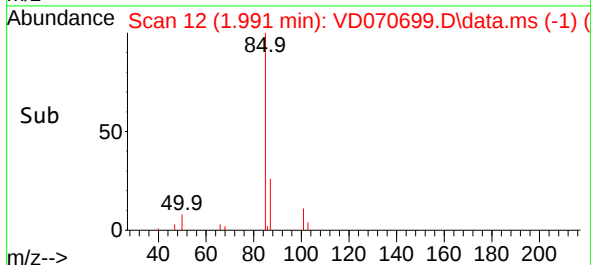
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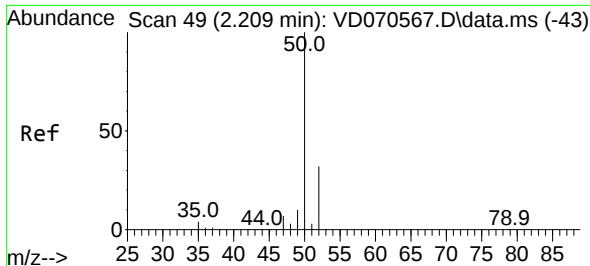


#2
Dichlorodifluoromethane
Concen: 4.108 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion: 85 Resp: 15574
Ion Ratio Lower Upper
85 100
87 25.8 16.4 49.2





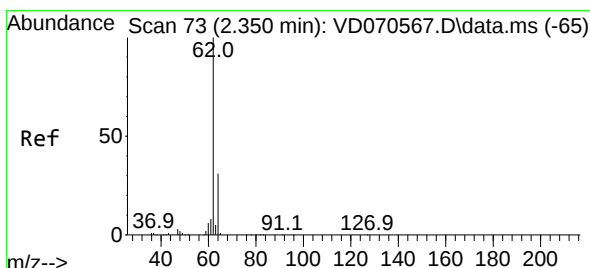
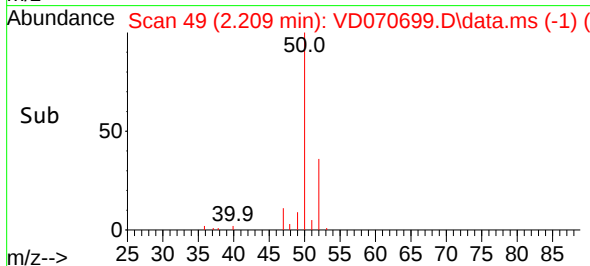
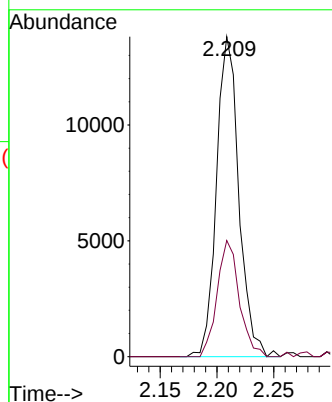
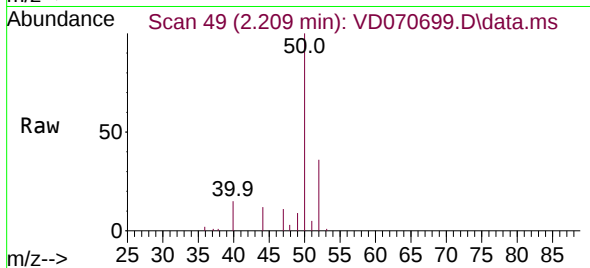
#3
Chloromethane
Concen: 4.017 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 50 Resp: 18912
Ion Ratio Lower Upper
50 100
52 36.3 26.0 39.0

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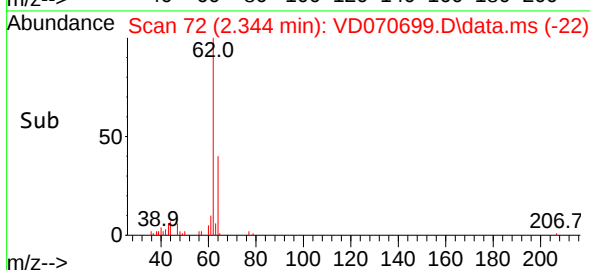
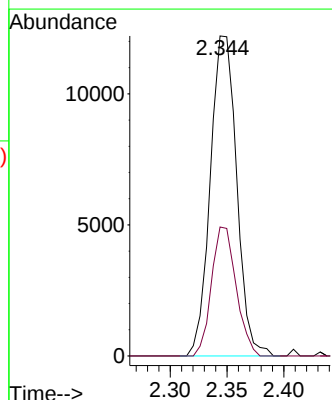
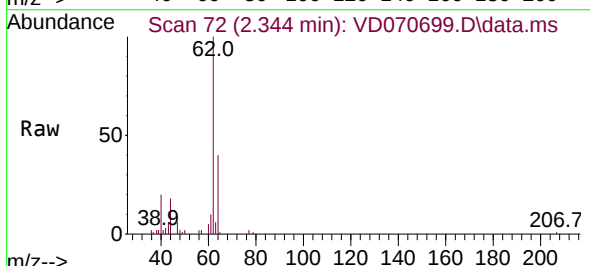
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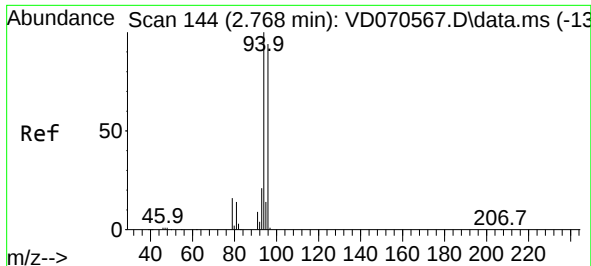
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#4
Vinyl Chloride
Concen: 3.785 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 62 Resp: 19748
Ion Ratio Lower Upper
62 100
64 40.3 24.9 37.3#





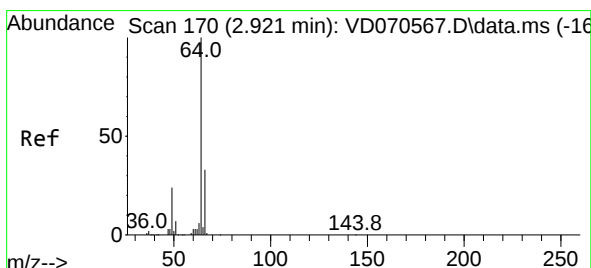
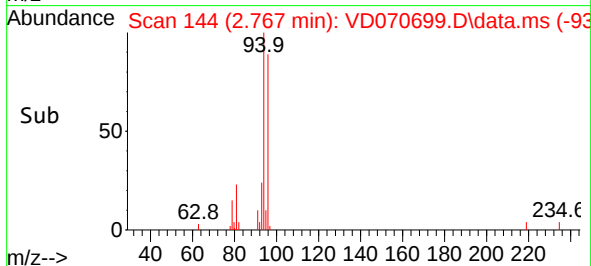
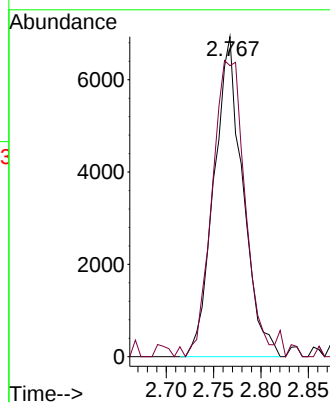
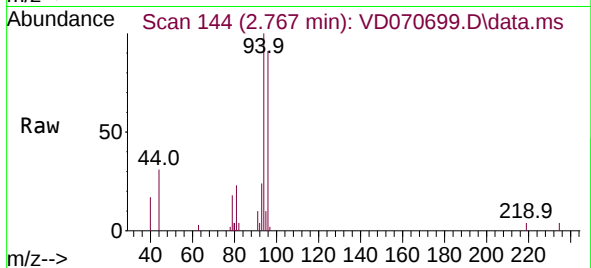
#5
Bromomethane
Concen: 4.118 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 94 Resp: 14647
Ion Ratio Lower Upper
94 100
96 87.9 75.5 113.3

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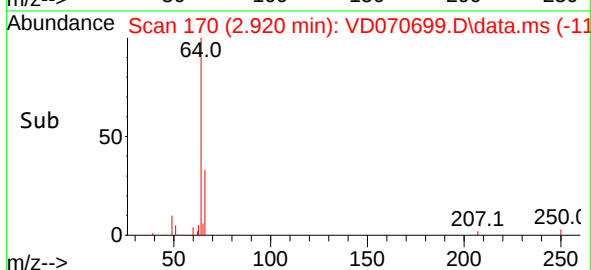
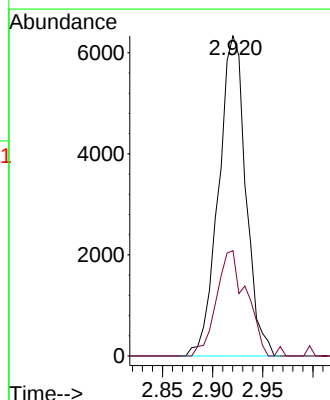
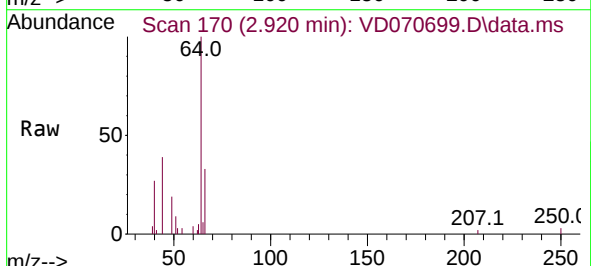
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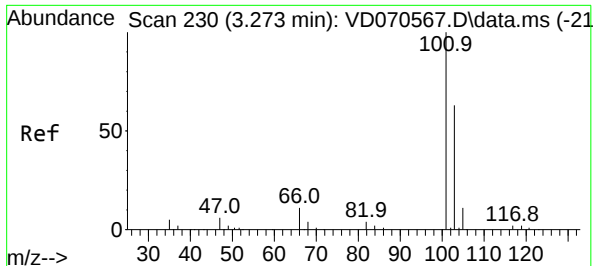
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#6
Chloroethane
Concen: 3.592 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
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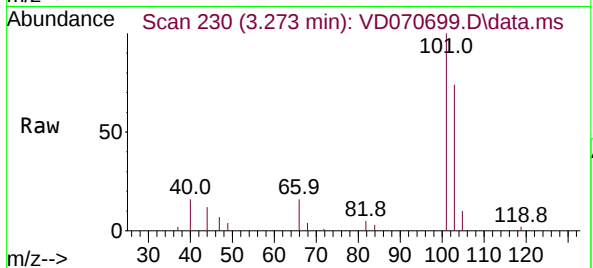
Tgt Ion: 64 Resp: 11966
Ion Ratio Lower Upper
64 100
66 32.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 4.174 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD070699.D
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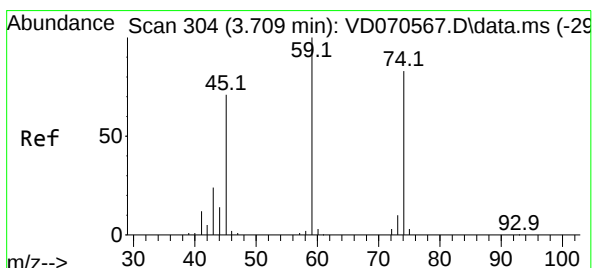
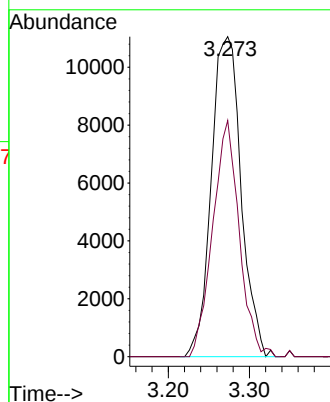
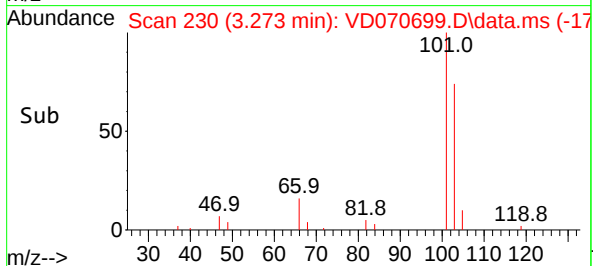
Instrument :
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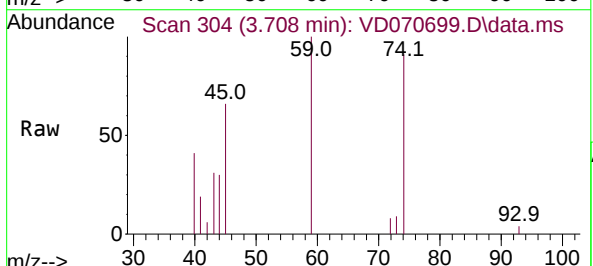
Tgt Ion:101 Resp: 28221
Ion Ratio Lower Upper
101 100
103 73.8 50.1 75.1

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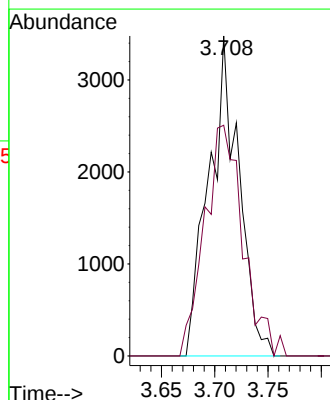
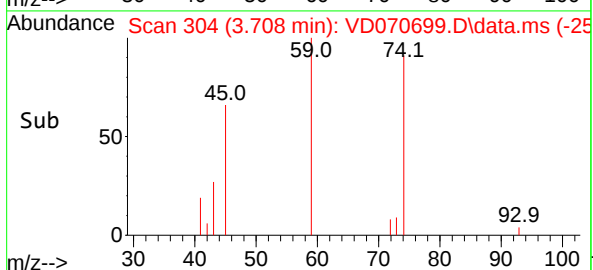
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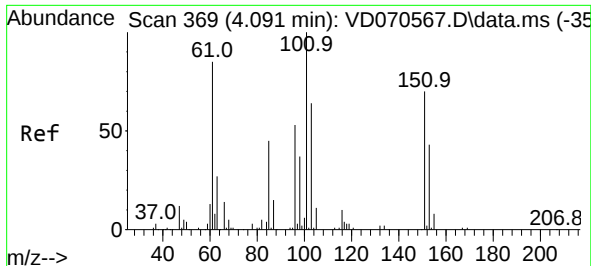


#8
Diethyl Ether
Concen: 3.865 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion: 74 Resp: 6798
Ion Ratio Lower Upper
74 100
45 92.2 45.1 135.5





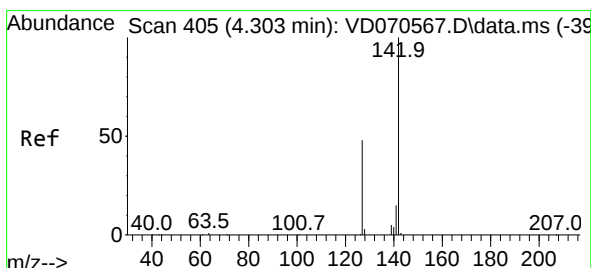
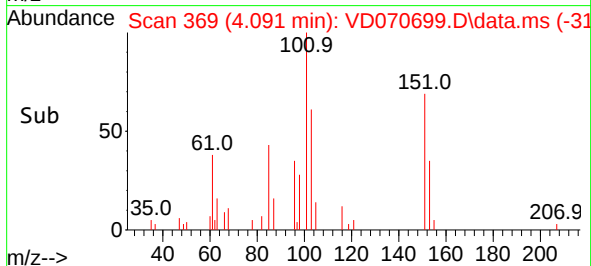
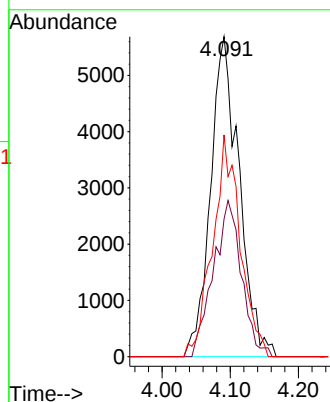
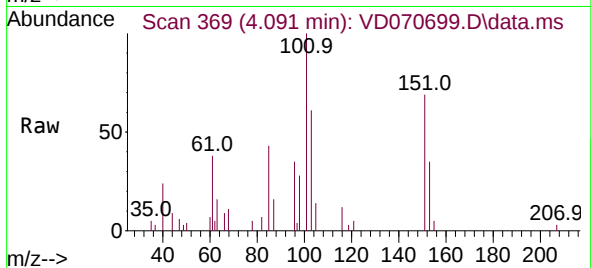
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.048 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:	101	Resp:	16587
Ion Ratio	Lower	Upper	
101	100		
85	48.2	35.5	53.3
151	66.6	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

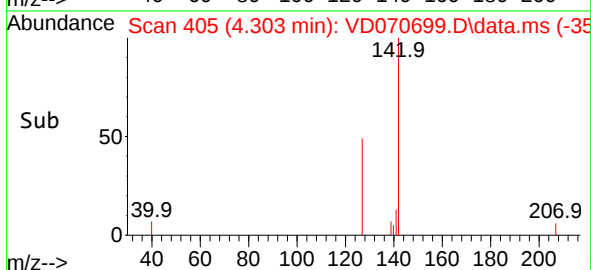
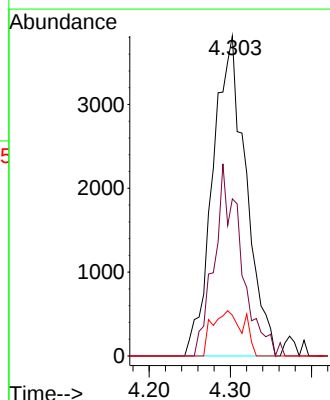
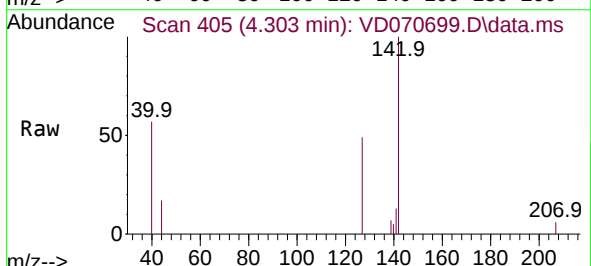
Manual Integrations
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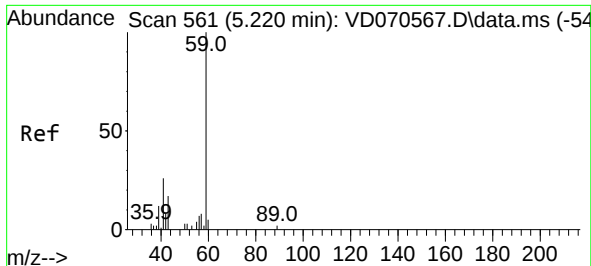
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#10
Methyl Iodide
Concen: 2.842 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:	142	Resp:	10812
Ion Ratio	Lower	Upper	
142	100		
127	49.2	37.5	56.3
141	13.2	12.1	18.1





#11

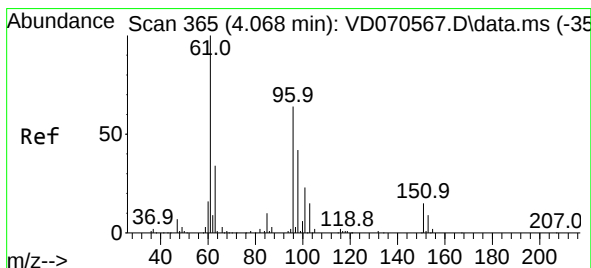
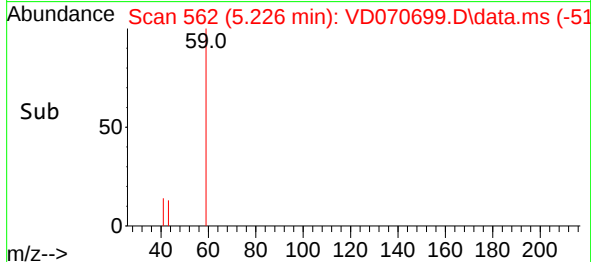
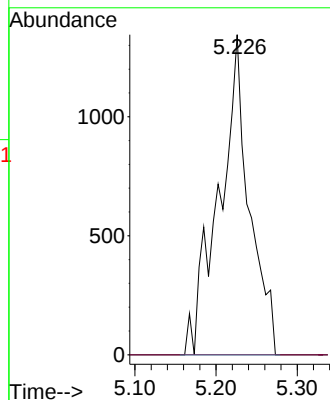
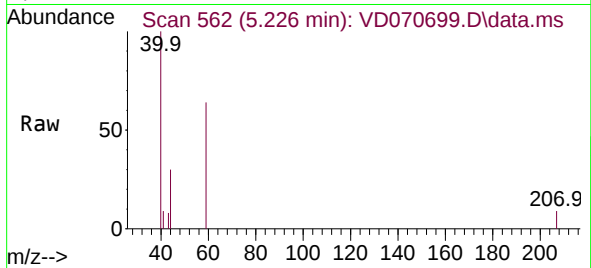
Tert butyl alcohol
Concen: 19.262 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 59 Resp: 3491
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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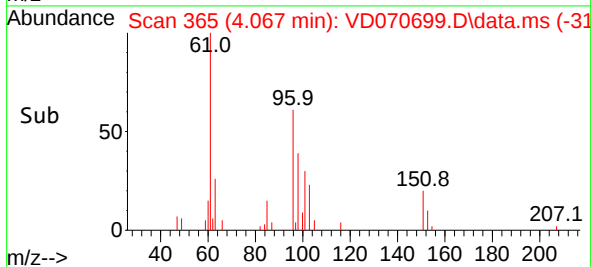
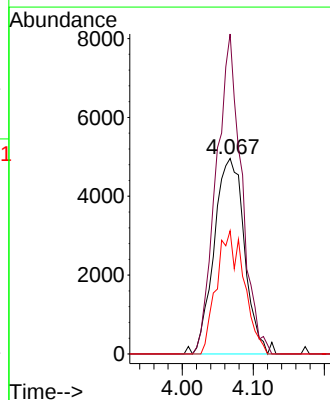
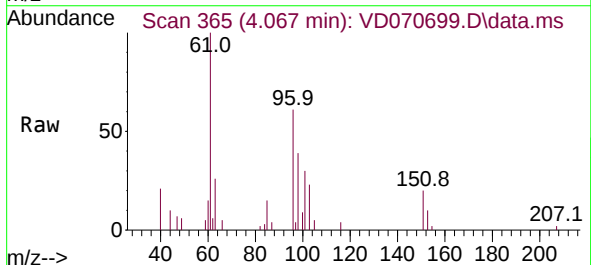
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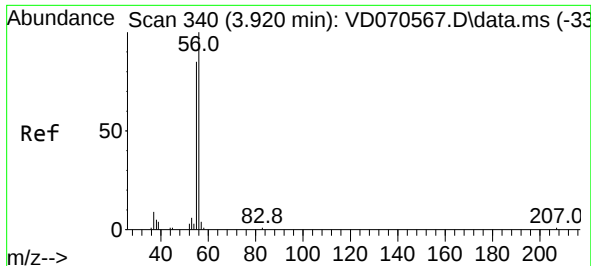


#12

1,1-Dichloroethene
Concen: 4.035 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

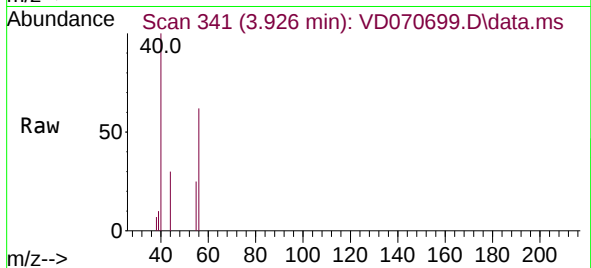
Tgt Ion: 96 Resp: 14718
Ion Ratio Lower Upper
96 100
61 163.7 125.9 188.9
98 63.0 52.3 78.5



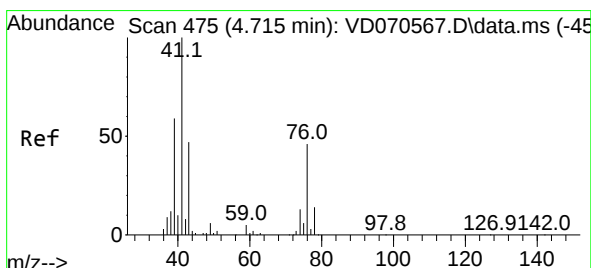
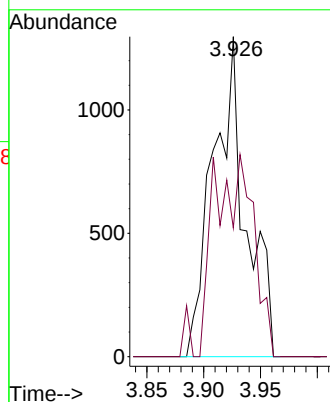
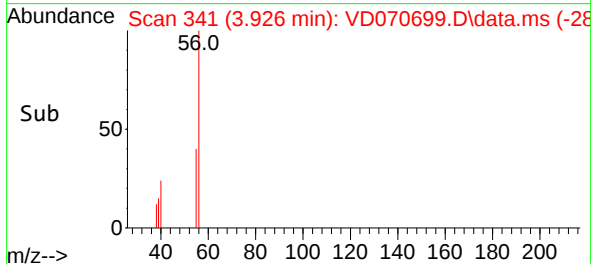


#13
Acrolein
Concen: 14.873 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

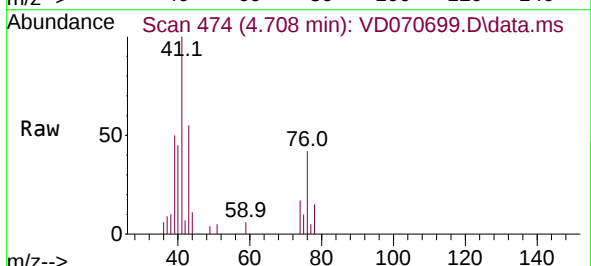
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



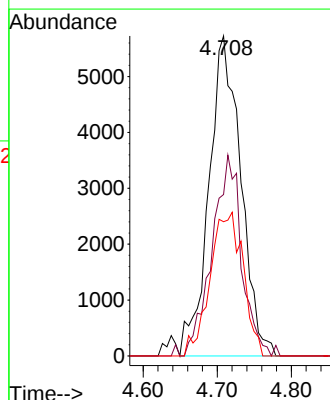
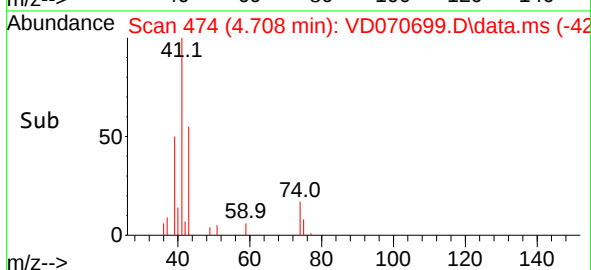
Tgt Ion: 56 Resp: 2588
Ion Ratio Lower Upper
56 100
55 23.3 56.8 85.2#

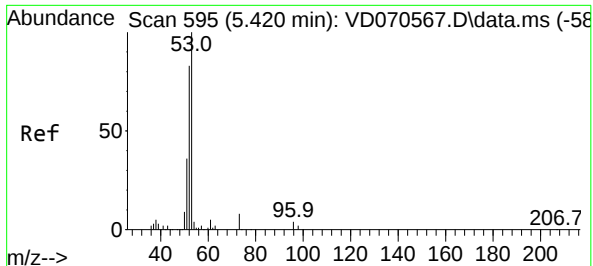


#14
Allyl chloride
Concen: 3.370 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



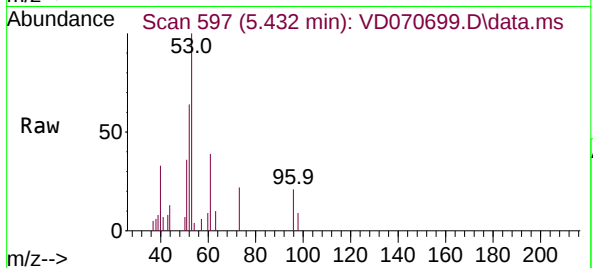
Tgt Ion: 41 Resp: 17113
Ion Ratio Lower Upper
41 100
39 58.0 46.4 69.6
76 46.6 34.6 51.8





#15
Acrylonitrile
Concen: 19.001 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.011 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

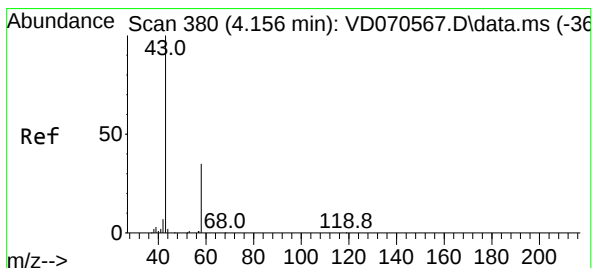
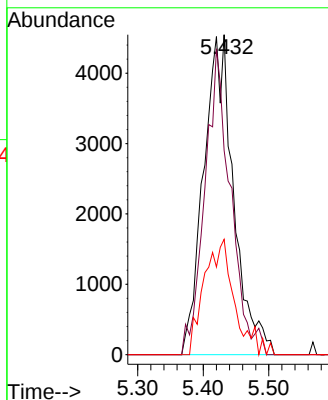
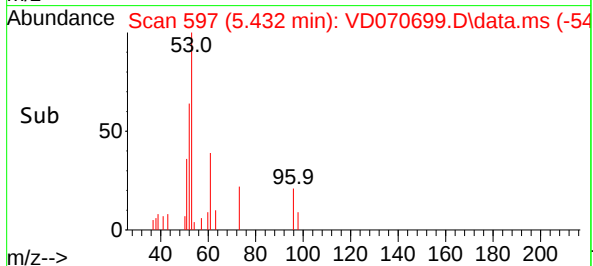
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



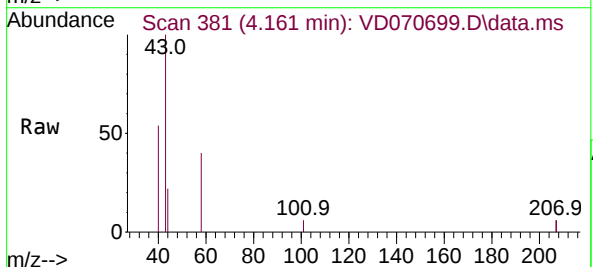
Tgt Ion: 53 Resp: 14501
Ion Ratio Lower Upper
53 100
52 82.1 64.6 97.0
51 32.8 28.7 43.1

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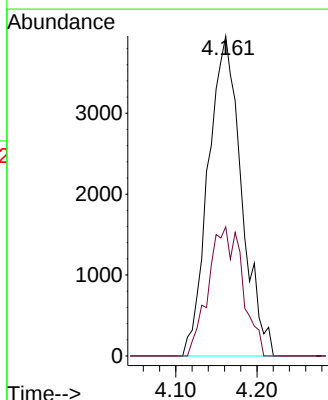
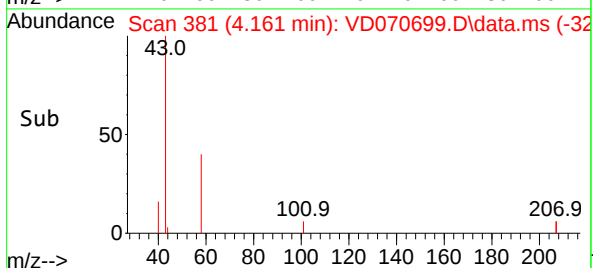
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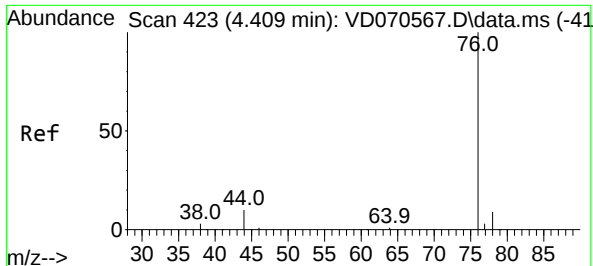


#16
Acetone
Concen: 18.099 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion: 43 Resp: 11244
Ion Ratio Lower Upper
43 100
58 40.3 28.2 42.2





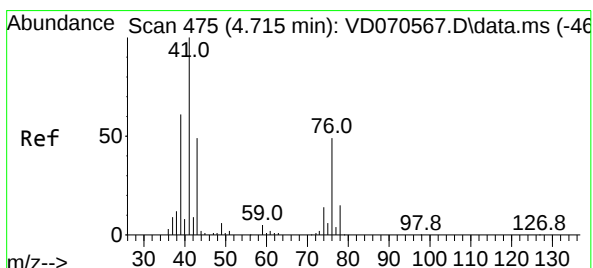
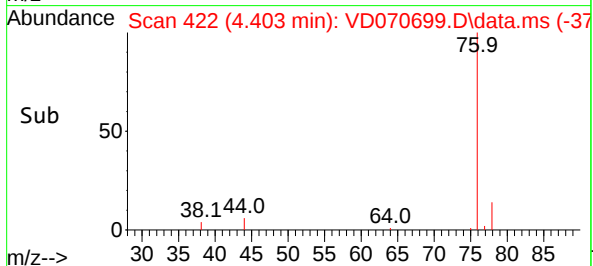
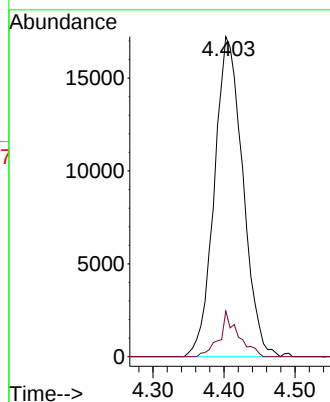
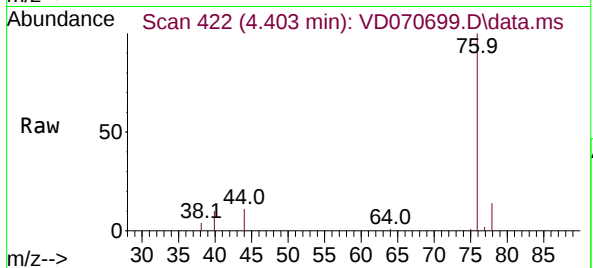
#17
Carbon Disulfide
Concen: 3.600 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 76 Resp: 47951
Ion Ratio Lower Upper
76 100
78 14.2 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

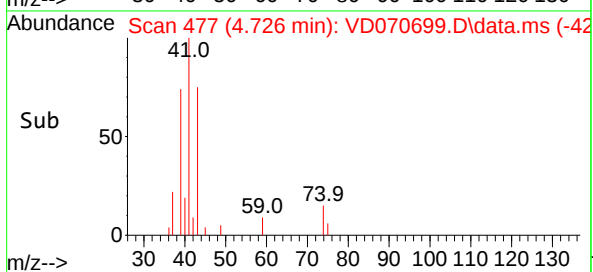
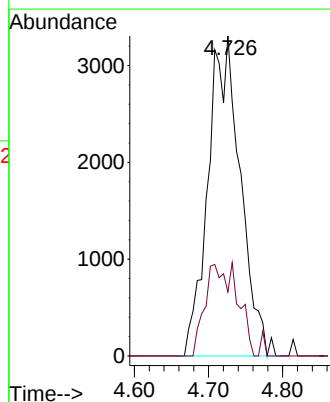
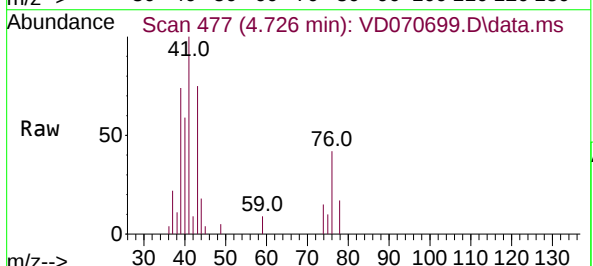
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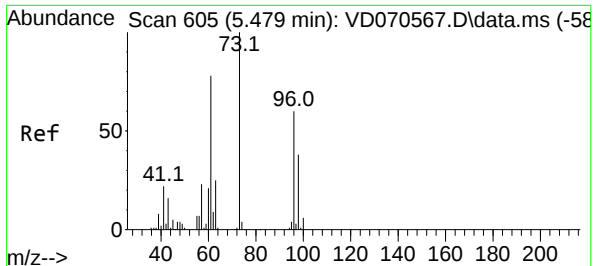
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#18
Methyl Acetate
Concen: 4.187 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 43 Resp: 10039
Ion Ratio Lower Upper
43 100
74 28.6 22.6 33.8





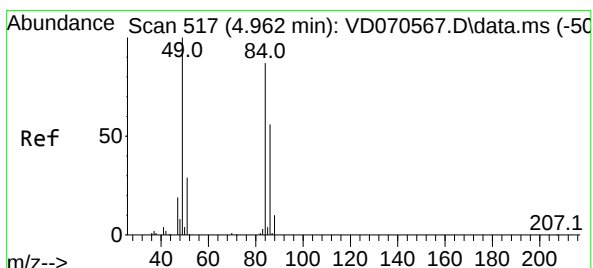
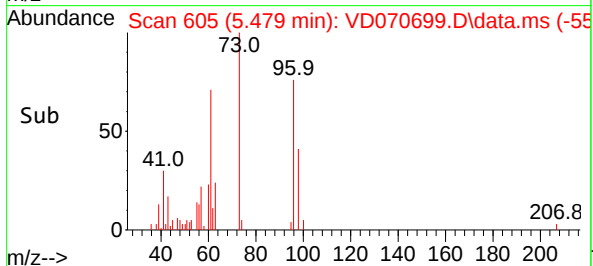
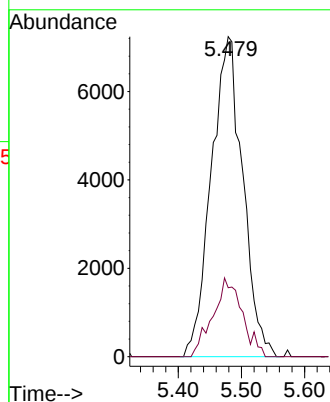
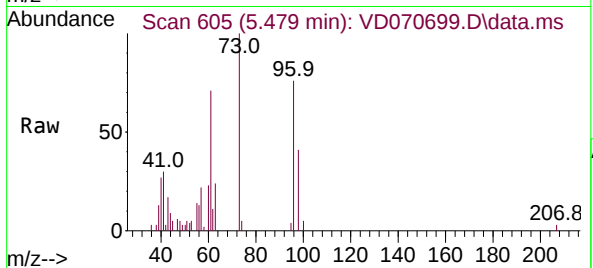
#19
Methyl tert-butyl Ether
Concen: 3.454 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 73 Resp: 25103
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

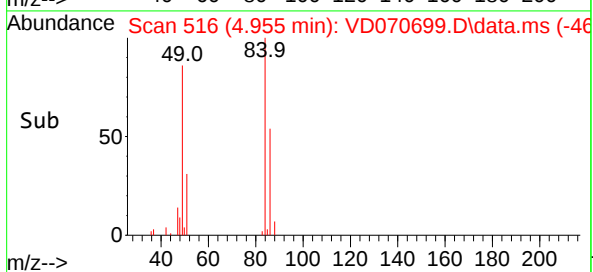
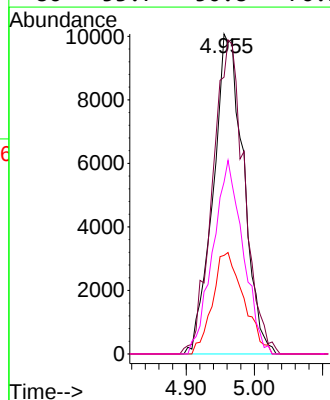
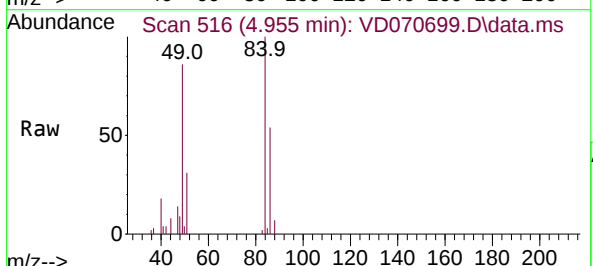
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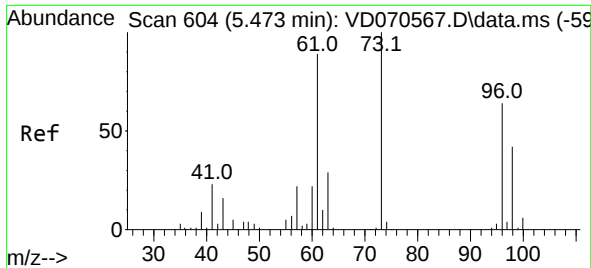
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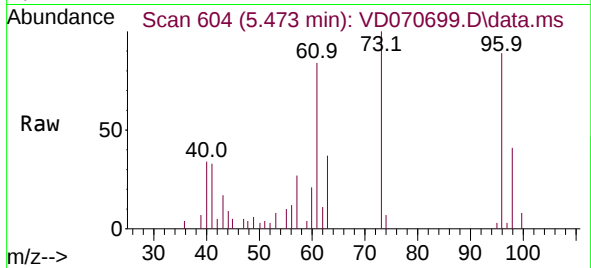
#20
Methylene Chloride
Concen: 5.376 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 84 Resp: 31170
Ion Ratio Lower Upper
84 100
49 86.5 91.4 137.2#
51 30.8 26.7 40.1
86 53.7 50.8 76.2

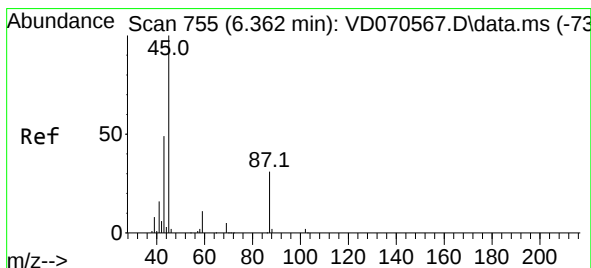
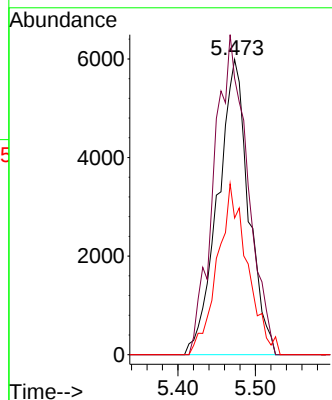
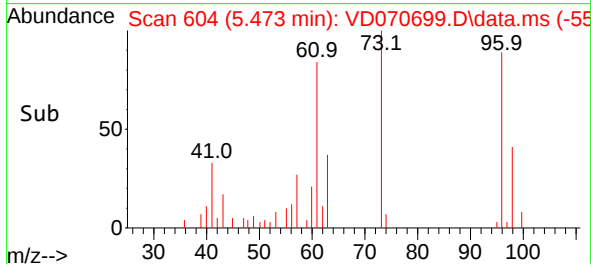




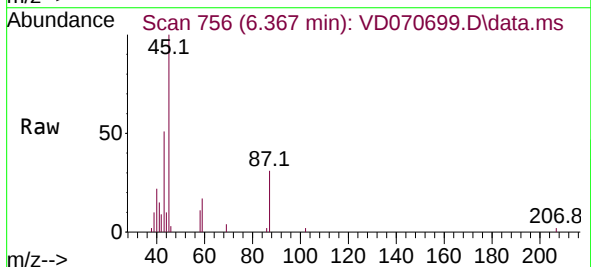
#21
trans-1,2-Dichloroethene
Concen: 3.860 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



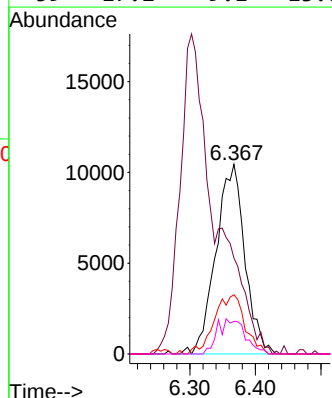
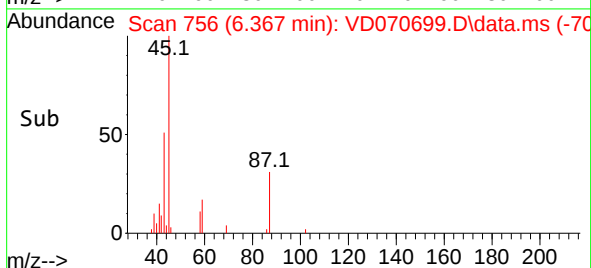
Tgt Ion: 96 Resp: 16561
Ion Ratio Lower Upper
96 100
61 93.7 111.1 166.7#
98 46.3 51.9 77.9#



#22
Diisopropyl ether
Concen: 3.061 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



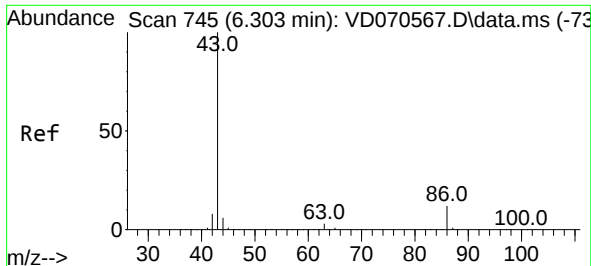
Tgt Ion: 45 Resp: 31931
Ion Ratio Lower Upper
45 100
43 50.5 40.6 61.0
87 31.2 24.6 37.0
59 17.2 9.1 13.7#



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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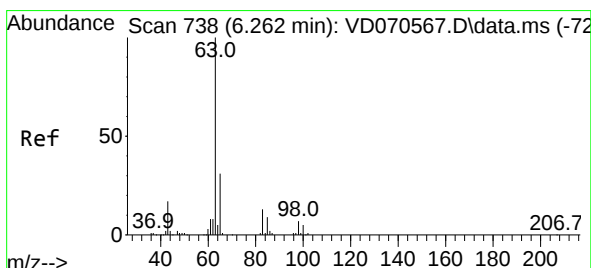
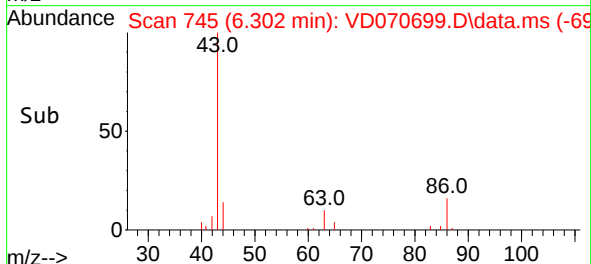
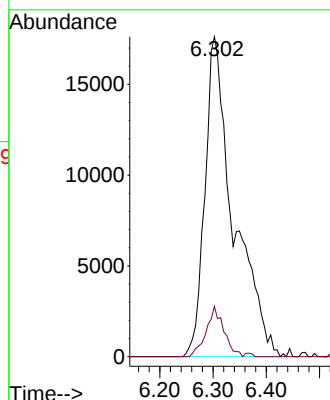
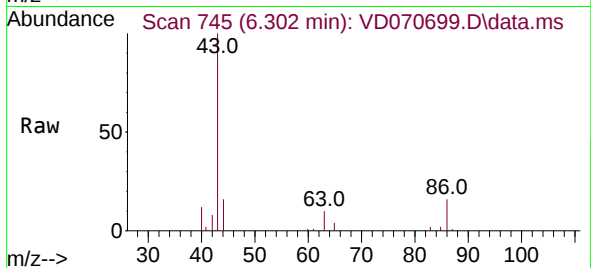
#23
 Vinyl Acetate
 Concen: 13.897 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD070699.D
 Acq: 13 Oct 2021 15:52

Tgt Ion: 43 Resp: 65912
 Ion Ratio Lower Upper
 43 100
 86 15.8 9.8 14.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

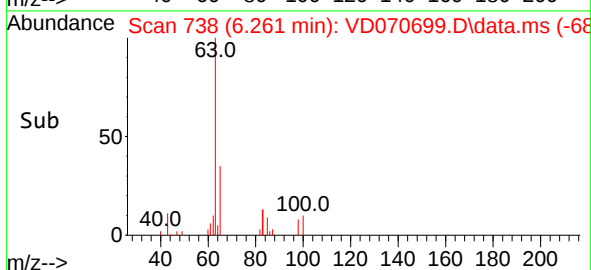
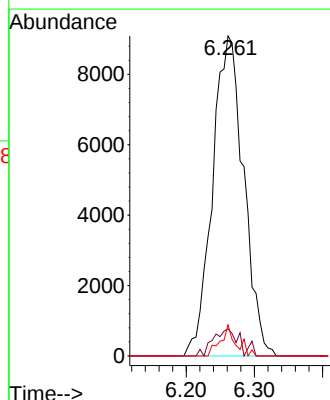
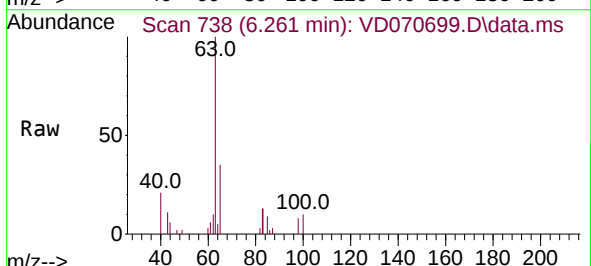
Manual Integrations
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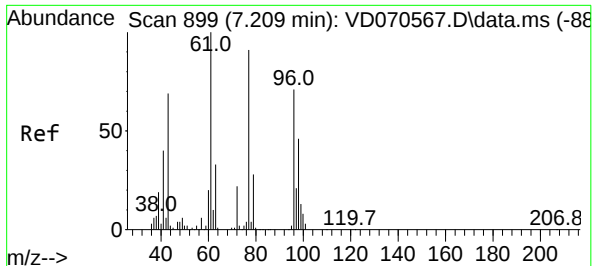
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#24
 1,1-Dichloroethane
 Concen: 3.760 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070699.D
 Acq: 13 Oct 2021 15:52

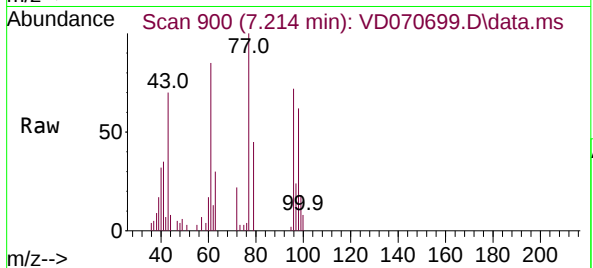
Tgt Ion: 63 Resp: 28891
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 9.7 2.4 7.2#



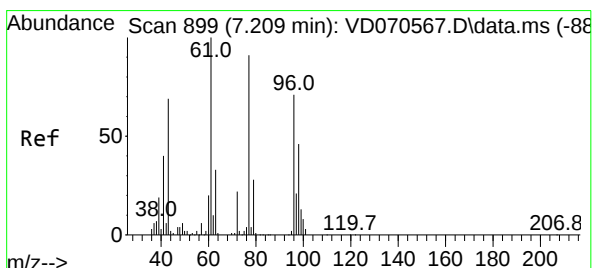
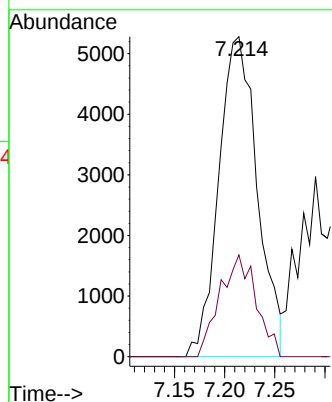
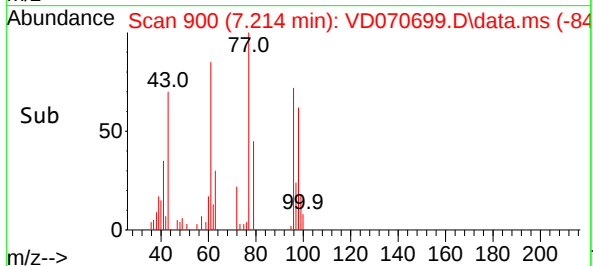


#25
2-Butanone
Concen: 17.361 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

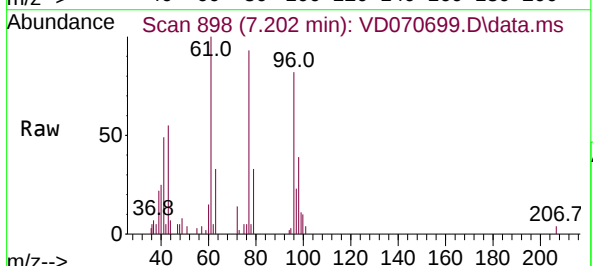
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



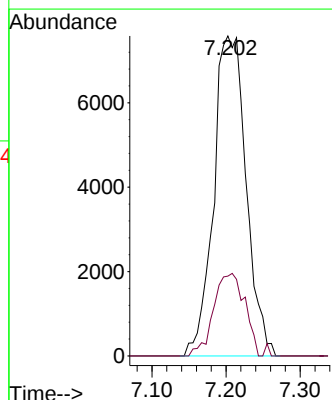
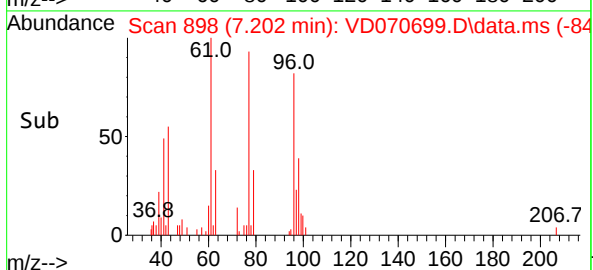
Tgt Ion: 43 Resp: 14122
Ion Ratio Lower Upper
43 100
72 31.8 25.2 37.8

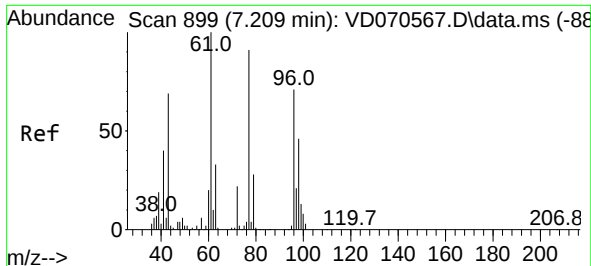


#26
2,2-Dichloropropane
Concen: 3.624 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



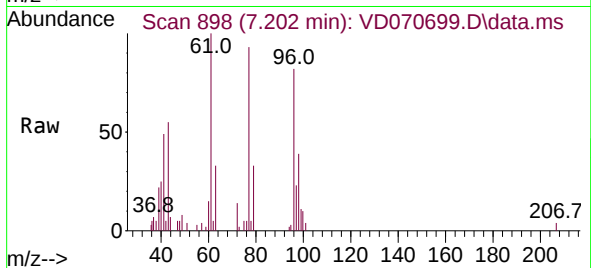
Tgt Ion: 77 Resp: 23046
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 3.770 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

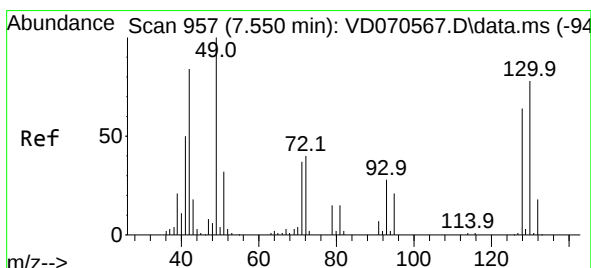
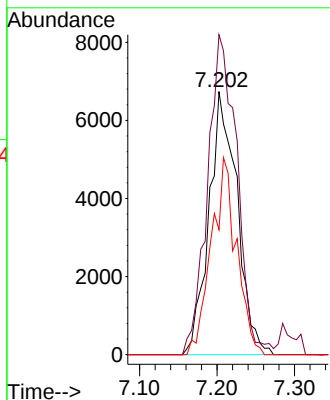
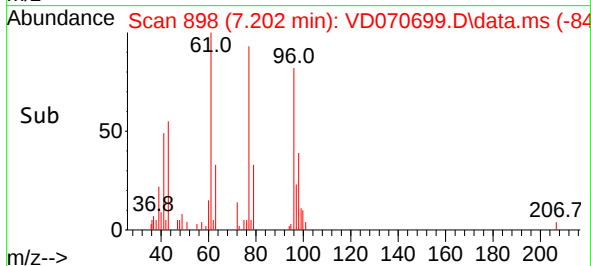
Instrument :
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ClientSampleId :
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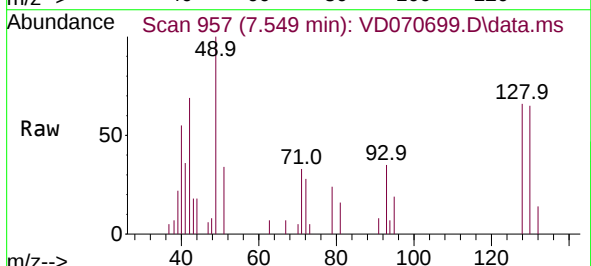
Tgt Ion: 96	Resp: 16997
Ion Ratio	Lower Upper
96 100	
61 127.0	0.0 278.2
98 67.2	0.0 128.6

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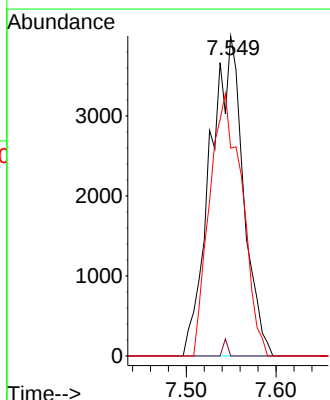
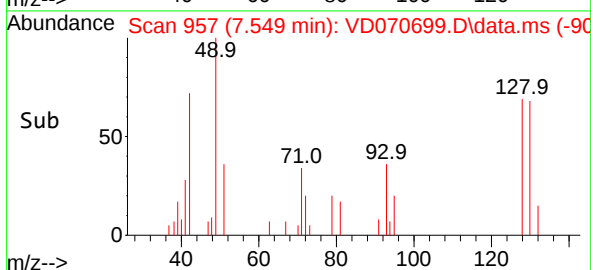
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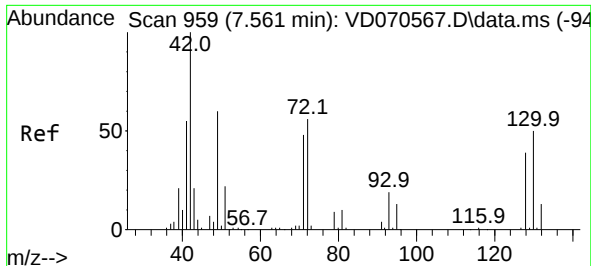


#28
Bromochloromethane
Concen: 3.842 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion: 49	Resp: 10278
Ion Ratio	Lower Upper
49 100	
129 0.7	0.0 4.8
130 79.9	62.4 93.6





#29

Tetrahydrofuran

Concen: 16.657 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD070699.D

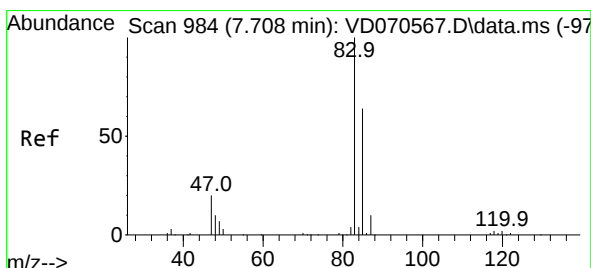
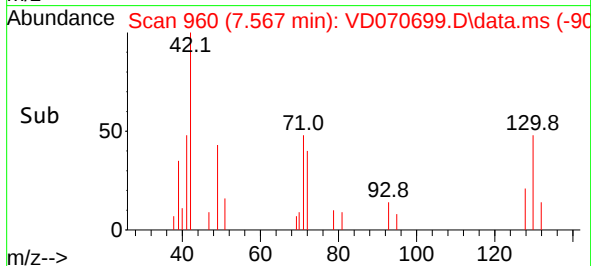
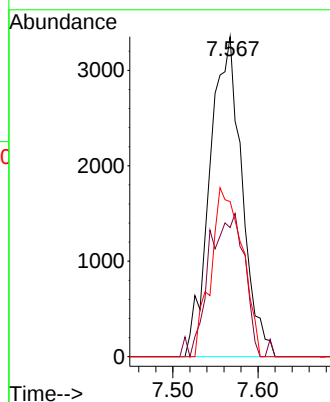
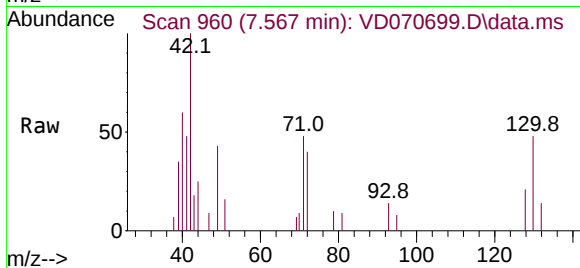
Acq: 13 Oct 2021 15:52

Tgt Ion:	42	Resp:	8733
Ion	Ratio	Lower	Upper
42	100		
72	49.6	40.2	60.4
71	52.0	37.2	55.8

Instrument :
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ClientSampleId :
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#30

Chloroform

Concen: 3.836 ug/l

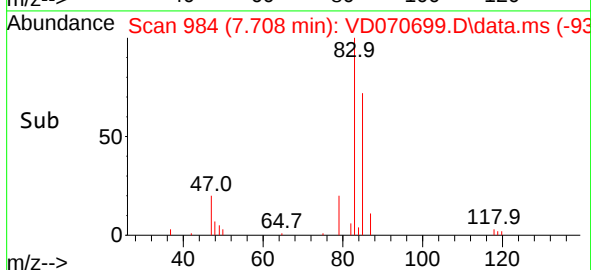
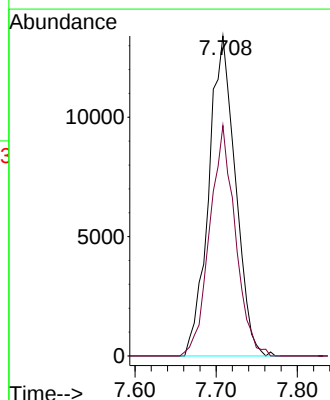
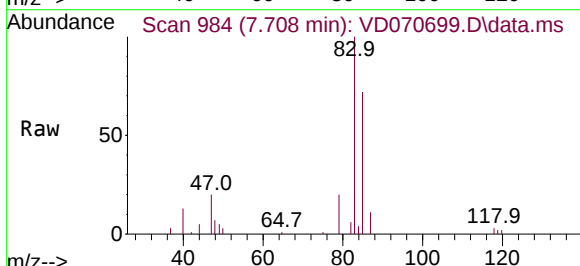
RT: 7.708 min Scan# 984

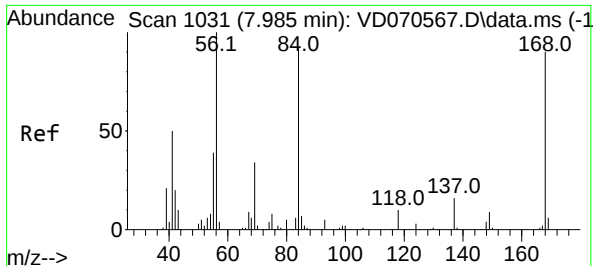
Delta R.T. -0.000 min

Lab File: VD070699.D

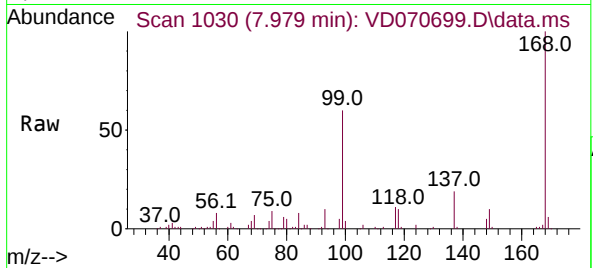
Acq: 13 Oct 2021 15:52

Tgt Ion:	83	Resp:	30662
Ion	Ratio	Lower	Upper
83	100		
85	72.0	51.2	76.8

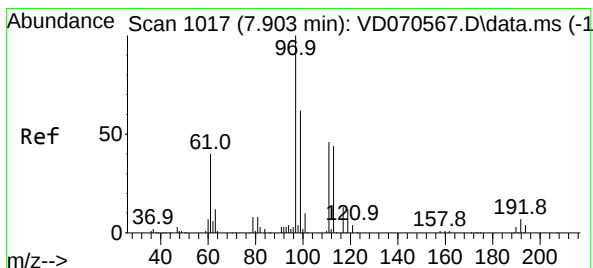
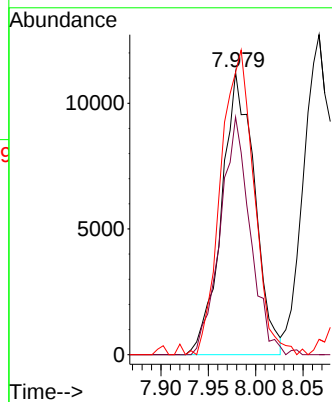
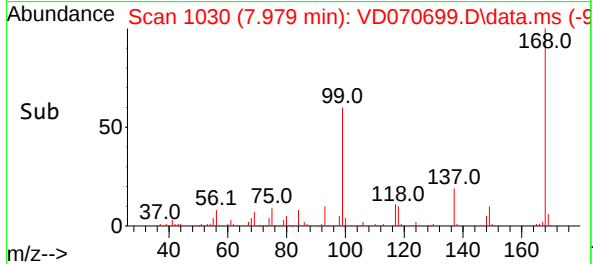




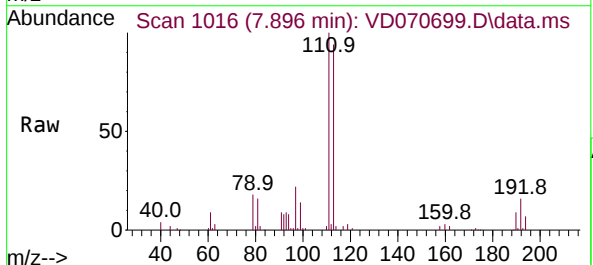
#31
Cyclohexane
Concen: 4.022 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



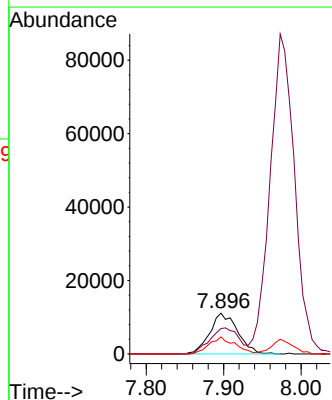
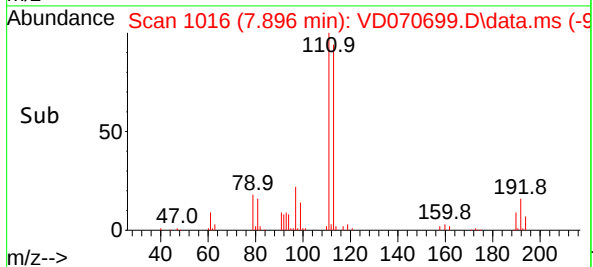
Tgt Ion: 56 Resp: 27246
Ion Ratio Lower Upper
56 100
69 84.0 27.4 41.2#
84 96.1 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 4.035 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



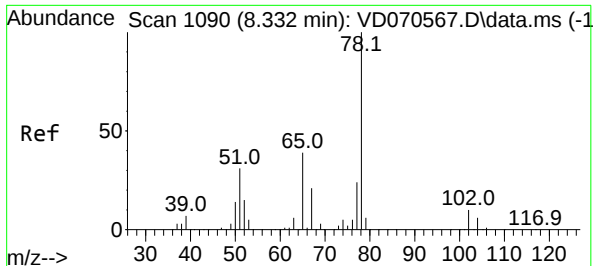
Tgt Ion: 97 Resp: 27777
Ion Ratio Lower Upper
97 100
99 67.0 50.7 76.1
61 38.1 32.5 48.7



Instrument :
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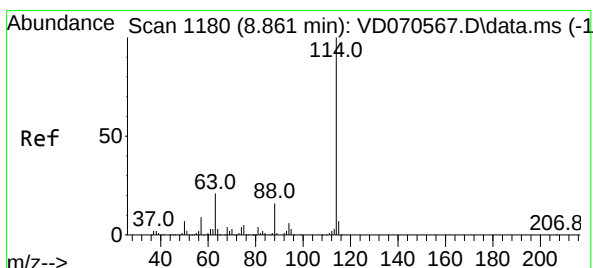
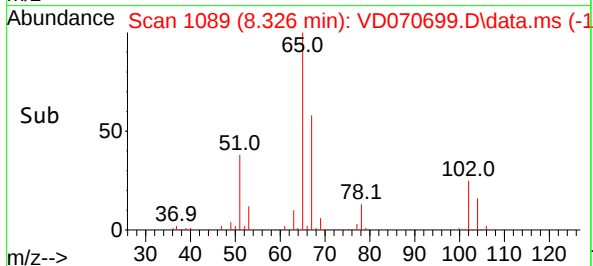
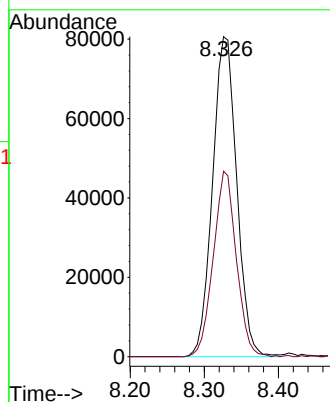
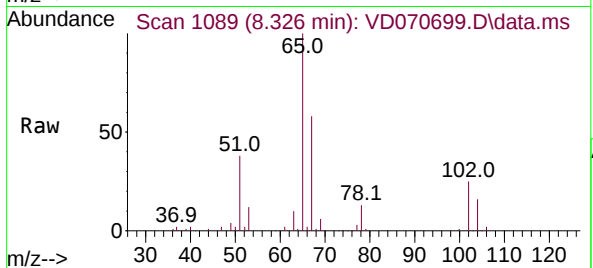
#33
1,2-Dichloroethane-d4
Concen: 49.976 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 65 Resp: 182838
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.2

Instrument :
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ClientSampleId :
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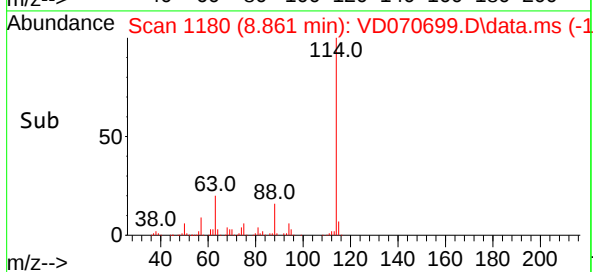
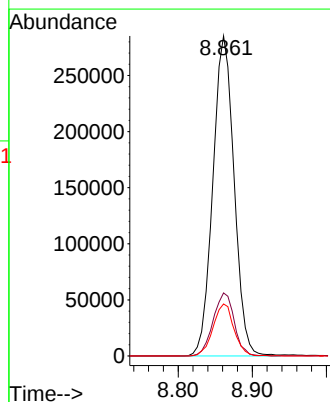
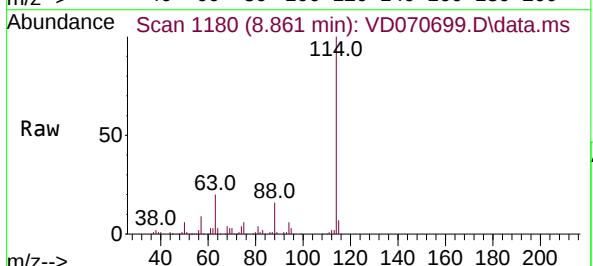
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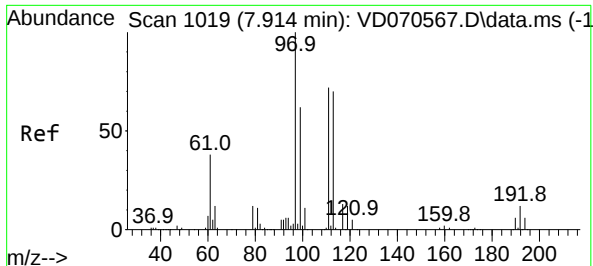
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 114 Resp: 568066
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.8
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.056 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070699.D

Acq: 13 Oct 2021 15:52

Tgt Ion:	113	Resp:	189053
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	17.4	12.7	19.1

Instrument :

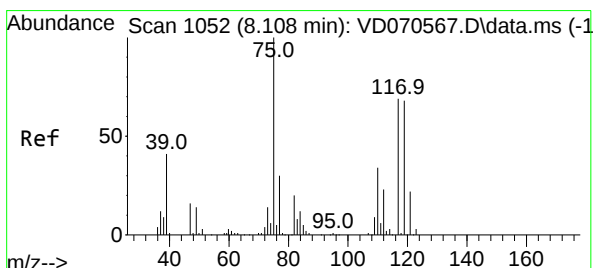
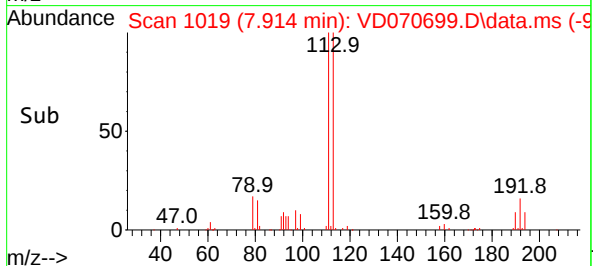
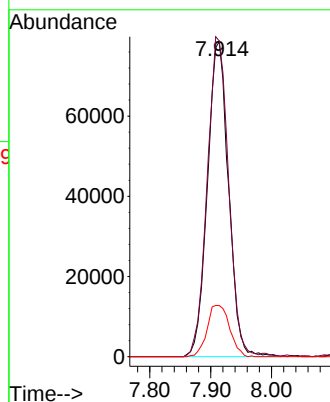
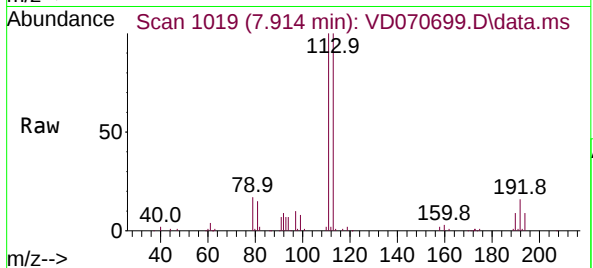
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#36

1,1-Dichloropropene

Concen: 3.506 ug/l

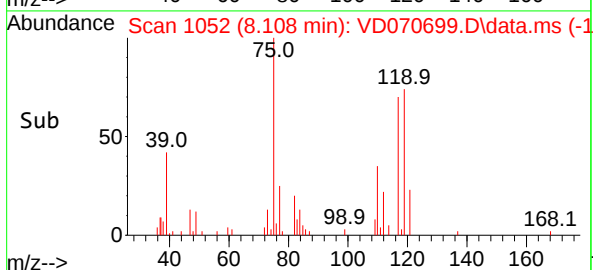
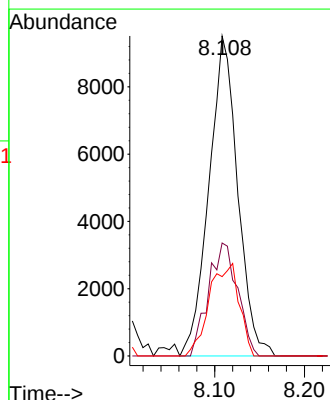
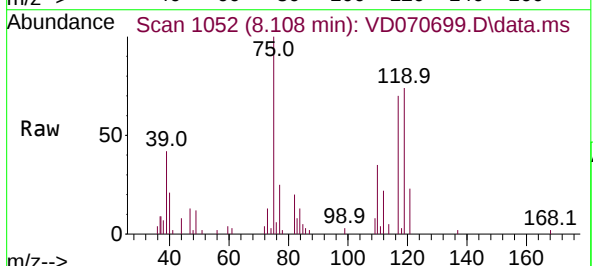
RT: 8.108 min Scan# 1052

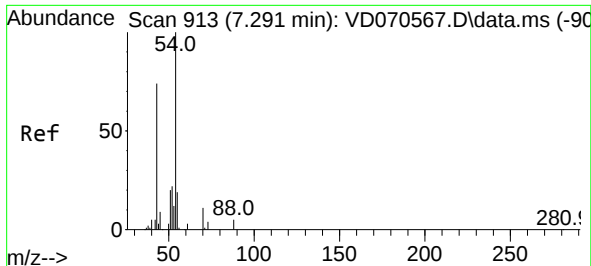
Delta R.T. -0.000 min

Lab File: VD070699.D

Acq: 13 Oct 2021 15:52

Tgt Ion:	75	Resp:	21154
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.2	51.6
77	30.1	24.2	36.4





#37

Ethyl Acetate

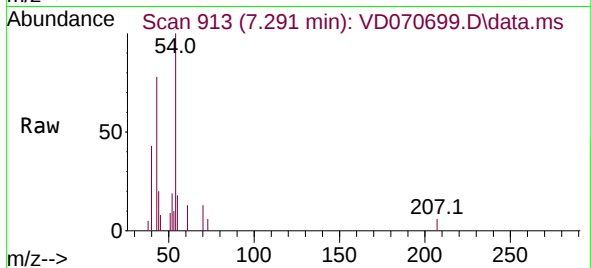
Concen: 3.823 ug/l

RT: 7.291 min Scan# 913

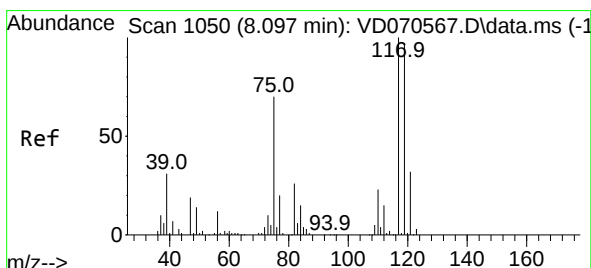
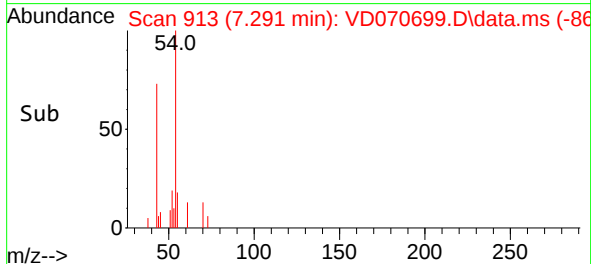
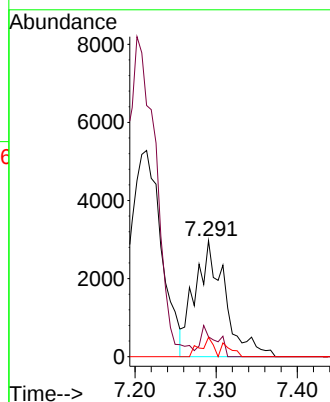
Delta R.T. -0.000 min

Lab File: VD070699.D

Acq: 13 Oct 2021 15:52



Tgt Ion:	43	Resp:	7663
Ion	Ratio	Lower	Upper
43	100		
61	13.4	12.9	19.3
70	6.9	9.9	14.9#



#38

Carbon Tetrachloride

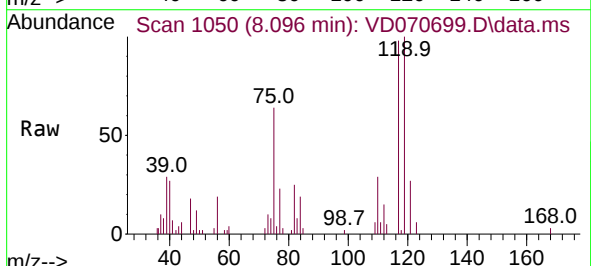
Concen: 3.766 ug/l

RT: 8.096 min Scan# 1050

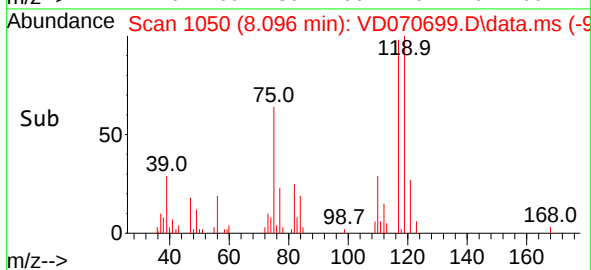
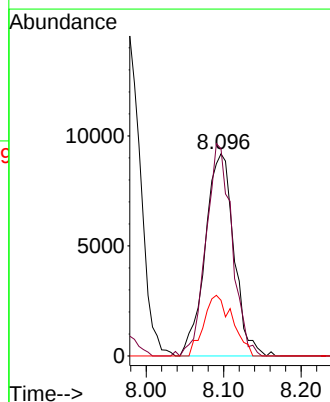
Delta R.T. -0.000 min

Lab File: VD070699.D

Acq: 13 Oct 2021 15:52



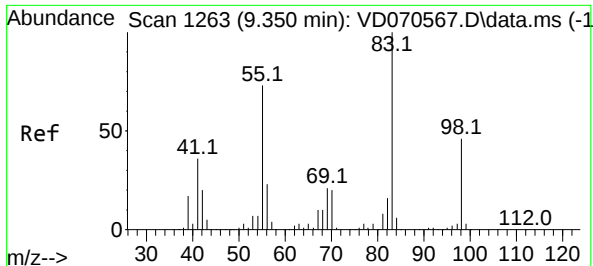
Tgt Ion:	117	Resp:	23775
Ion	Ratio	Lower	Upper
117	100		
119	102.6	77.4	116.0
121	27.6	25.4	38.0



Instrument :
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ClientSampleId :
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#39

Methylcyclohexane

Concen: 3.429 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD070699.D

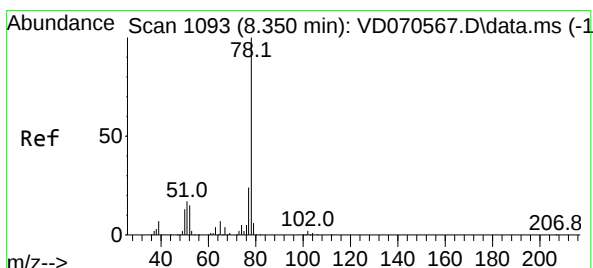
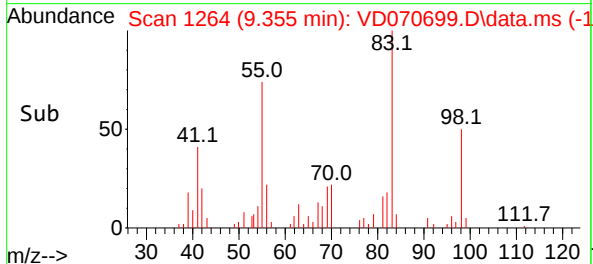
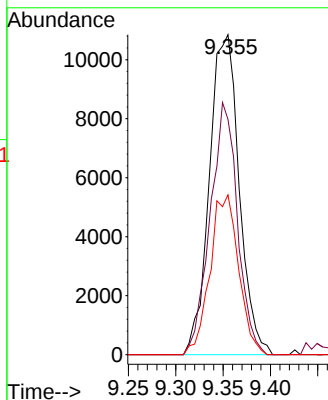
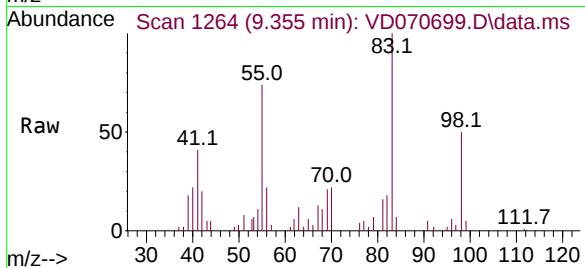
Acq: 13 Oct 2021 15:52

Tgt Ion: 83	Resp: 23790
Ion Ratio	Lower Upper
83 100	
55 73.5	58.2 87.4
98 50.0	36.9 55.3

Instrument :
MSVOA_D
ClientSampleId :
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#40

Benzene

Concen: 3.758 ug/l

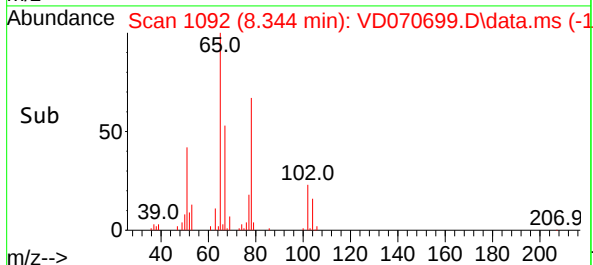
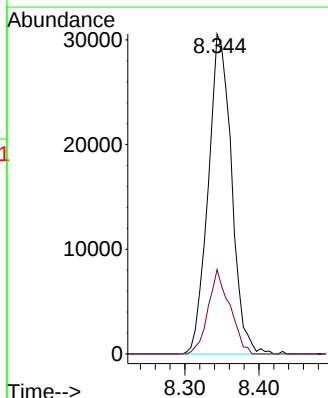
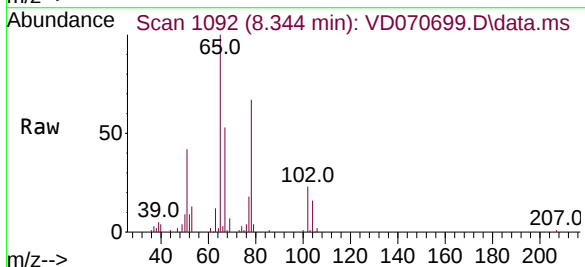
RT: 8.344 min Scan# 1092

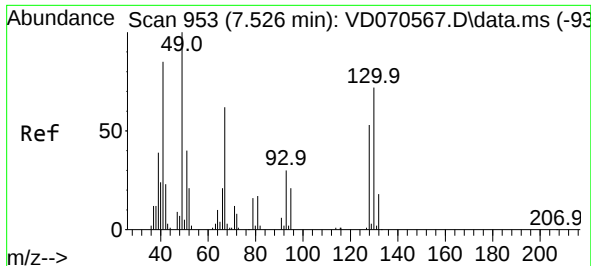
Delta R.T. -0.006 min

Lab File: VD070699.D

Acq: 13 Oct 2021 15:52

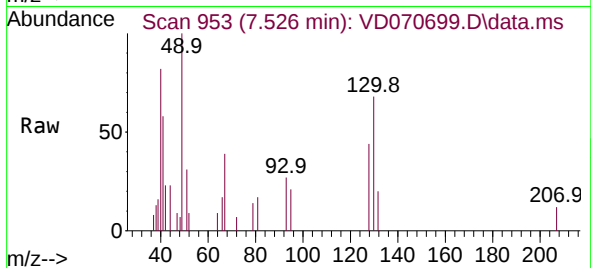
Tgt Ion: 78	Resp: 66826
Ion Ratio	Lower Upper
78 100	
77 26.3	18.9 28.3





#41
Methacrylonitrile
Concen: 4.120 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

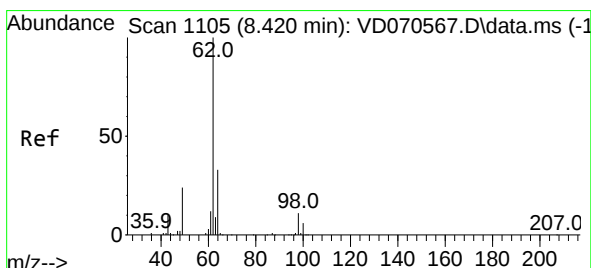
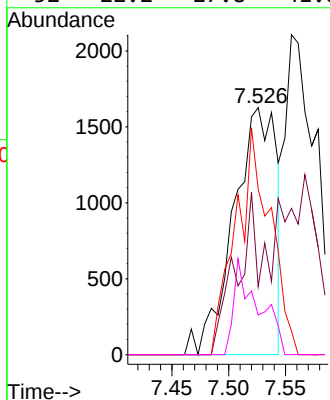
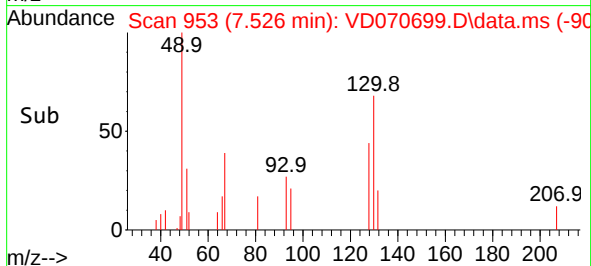
Instrument :
MSVOA_D
ClientSampleId :
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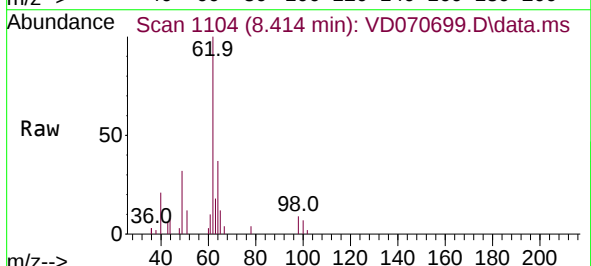
Tgt Ion	Ratio	Lower	Upper
41	100		
39	41.2	45.2	67.8#
67	74.1	75.8	113.6#
52	22.2	27.8	41.8#

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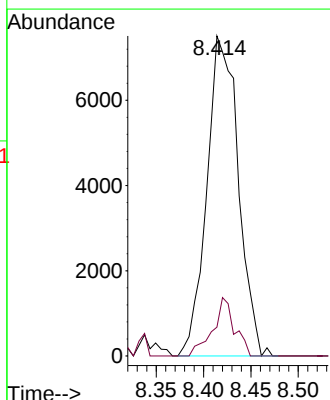
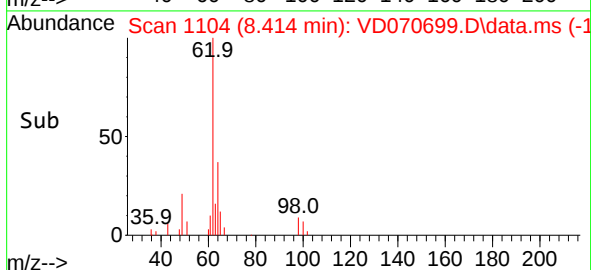
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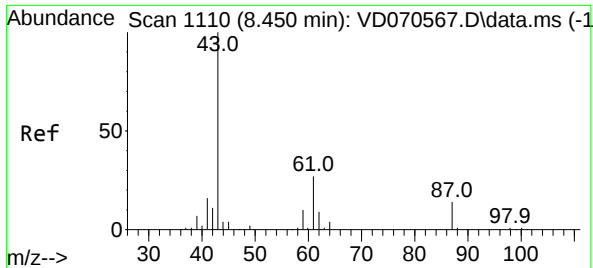


#42
1,2-Dichloroethane
Concen: 3.779 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	22.0





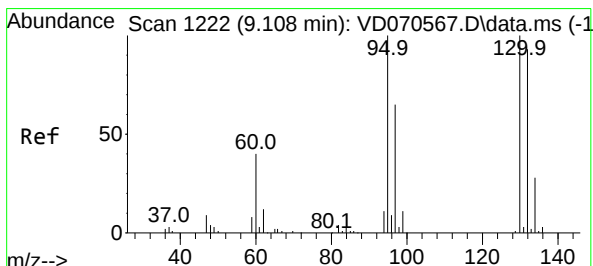
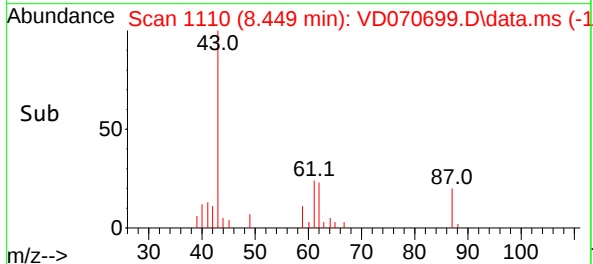
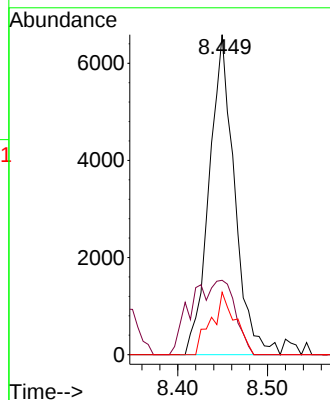
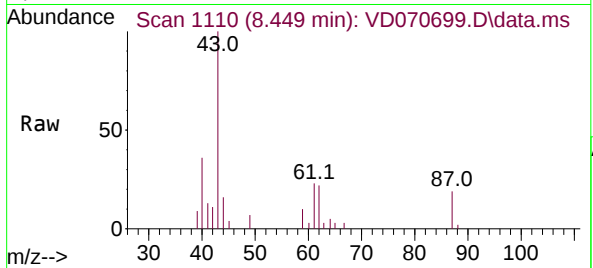
#43
Isopropyl Acetate
Concen: 3.517 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.0	43.4#
87	18.5	11.8	17.6#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

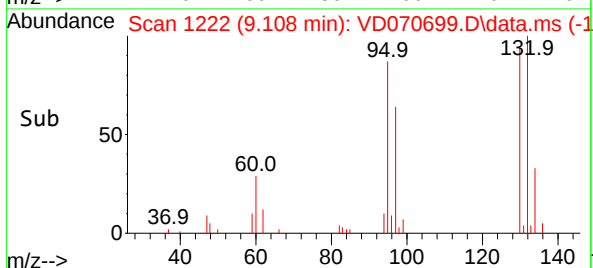
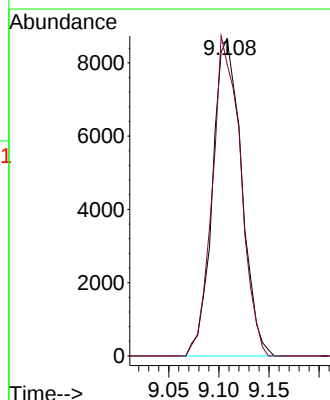
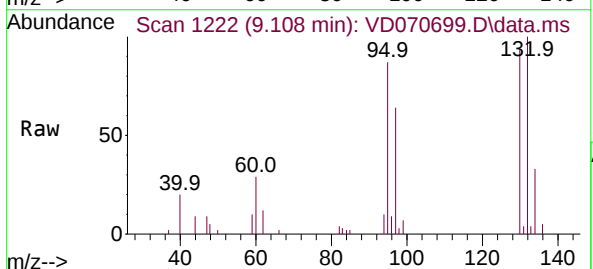
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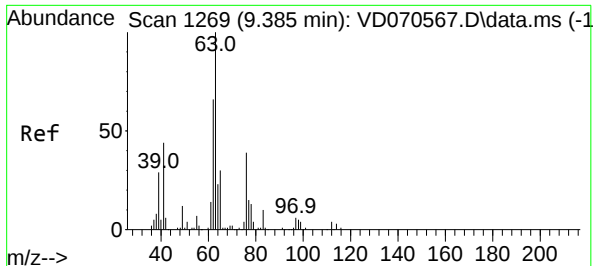
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#44
Trichloroethene
Concen: 3.978 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	200.8





#45

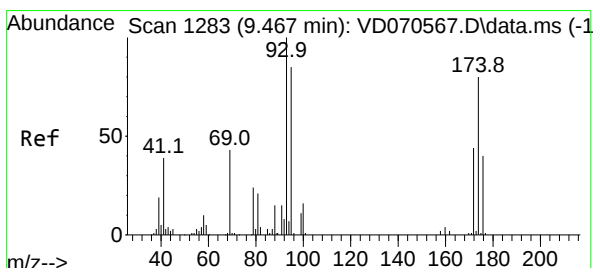
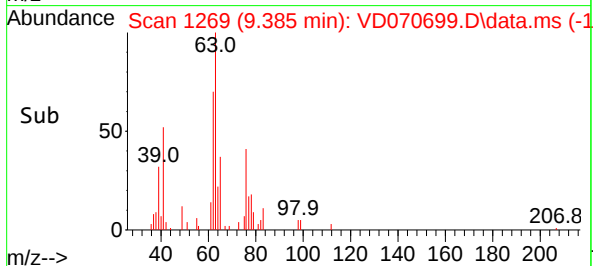
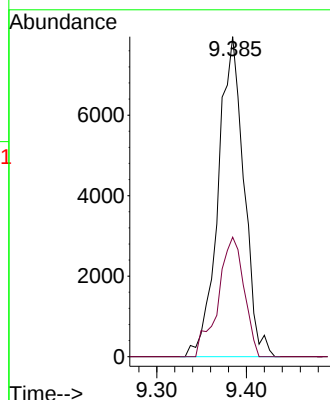
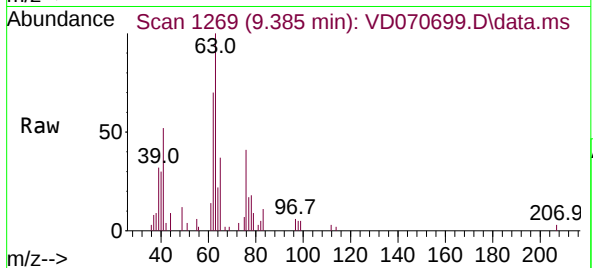
1,2-Dichloropropane
Concen: 3.498 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 63 Resp: 15875
Ion Ratio Lower Upper
63 100
65 37.4 23.8 35.8#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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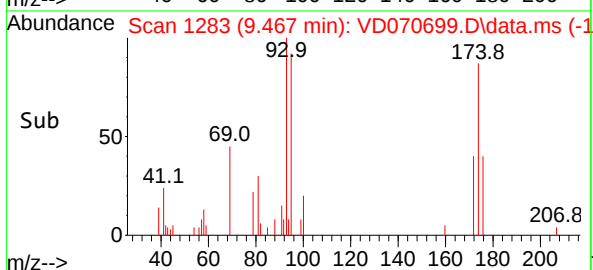
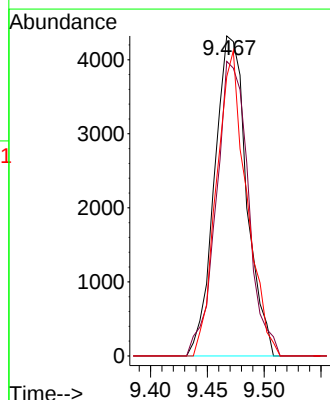
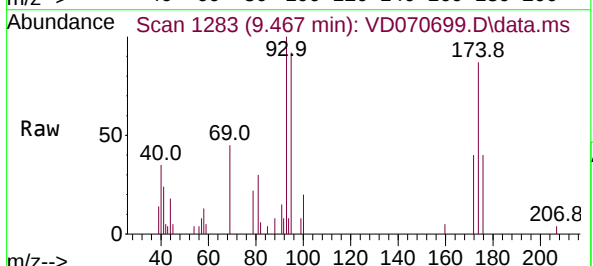
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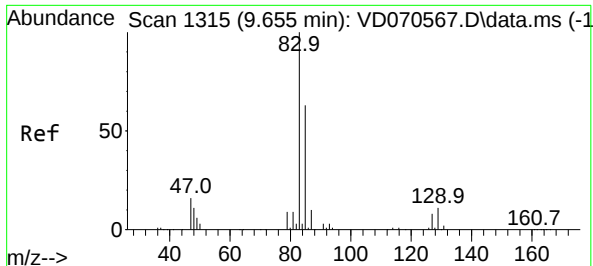


#46

Dibromomethane
Concen: 3.654 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

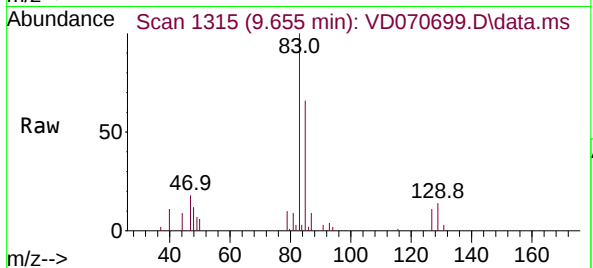
Tgt Ion: 93 Resp: 8511
Ion Ratio Lower Upper
93 100
95 91.6 66.5 99.7
174 89.0 66.7 100.1





#47
Bromodichloromethane
Concen: 3.671 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

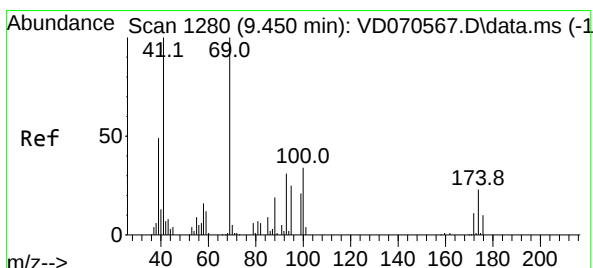
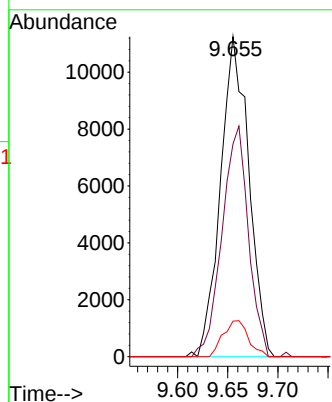
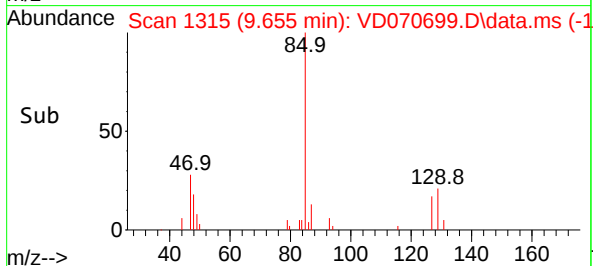
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



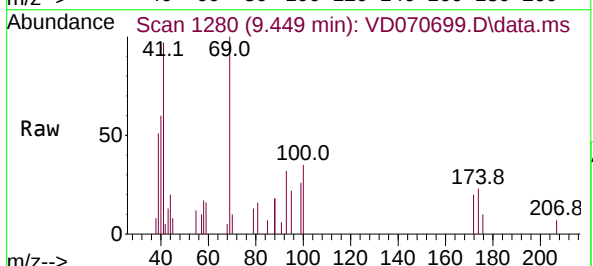
Tgt Ion: 83 Resp: 22066
Ion Ratio Lower Upper
83 100
85 66.5 50.7 76.1
127 11.1 6.5 9.7#

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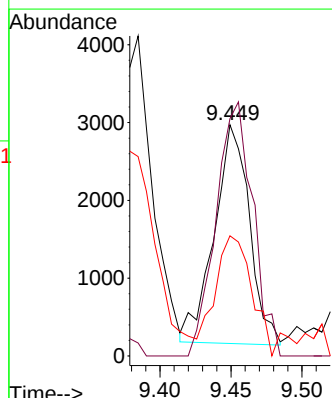
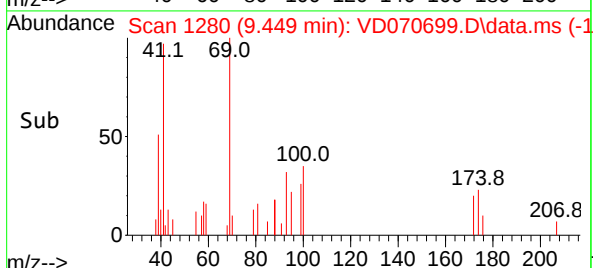
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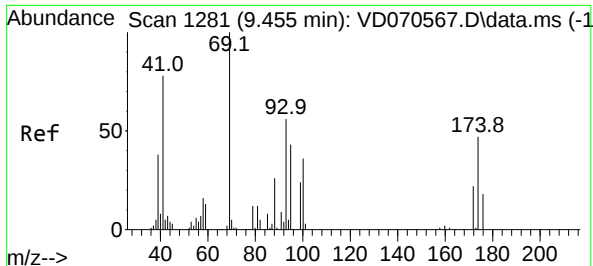


#48
Methyl methacrylate
Concen: 2.812 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

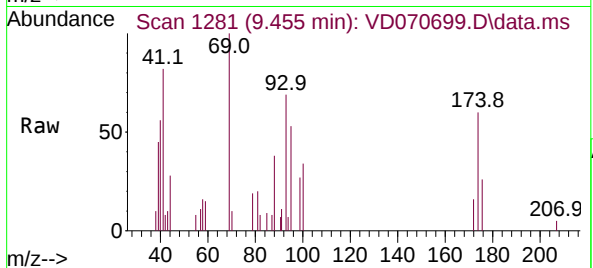


Tgt Ion: 41 Resp: 4841
Ion Ratio Lower Upper
41 100
69 121.8 78.5 117.7#
39 49.5 34.9 52.3

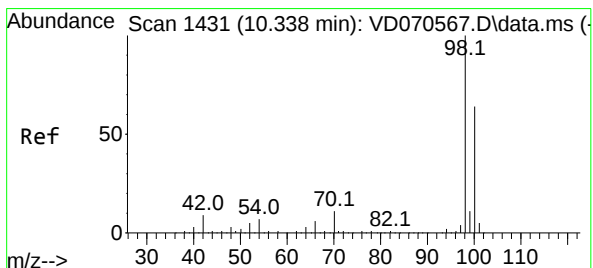
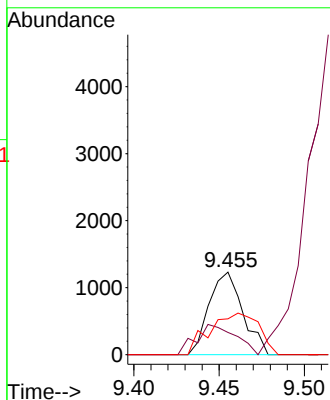
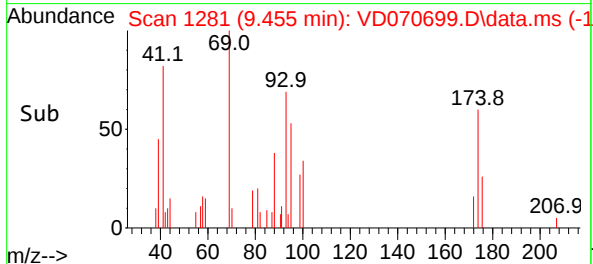




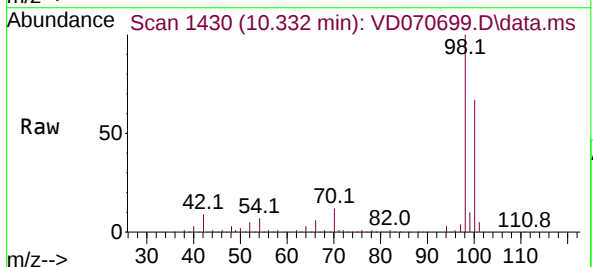
#49
1,4-Dioxane
Concen: 71.574 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



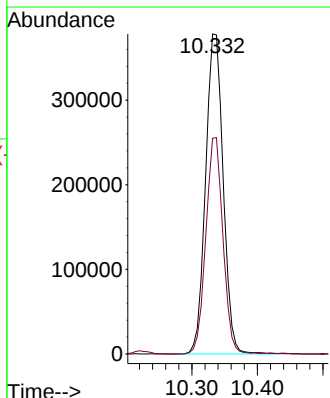
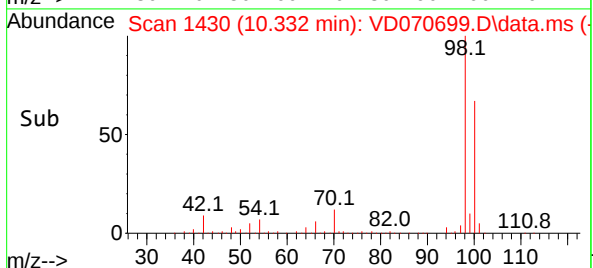
Tgt Ion: 88 Resp: 1694
Ion Ratio Lower Upper
88 100
43 42.7 25.1 37.7#
58 73.2 57.4 86.0



#50
Toluene-d8
Concen: 48.952 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



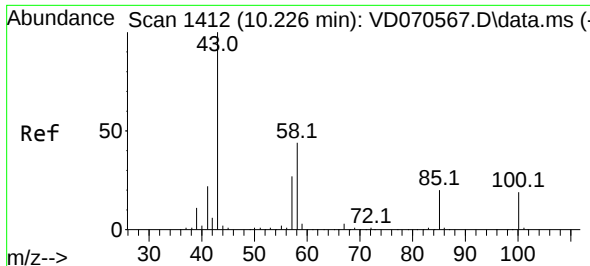
Tgt Ion: 98 Resp: 706781
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



Instrument :
MSVOA_D
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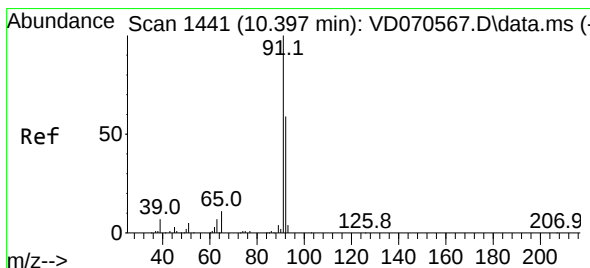
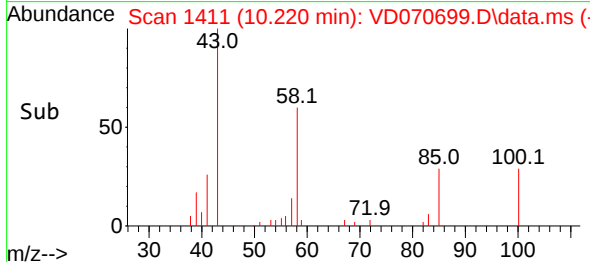
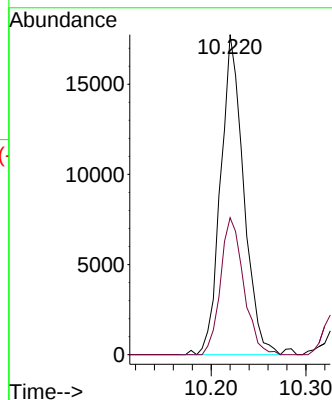
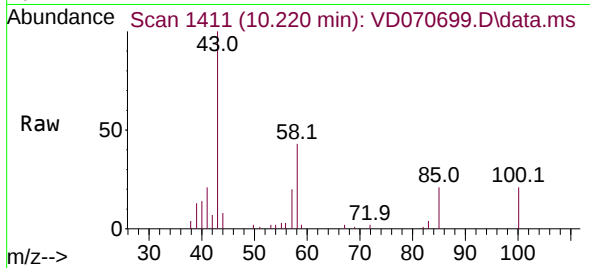
#51
4-Methyl-2-Pentanone
Concen: 15.818 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 43 Resp: 29973
Ion Ratio Lower Upper
43 100
58 43.0 35.0 52.6

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

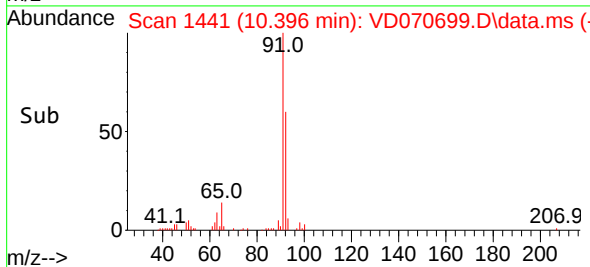
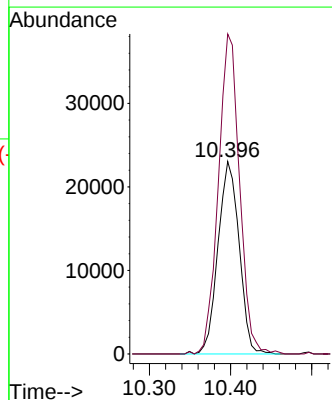
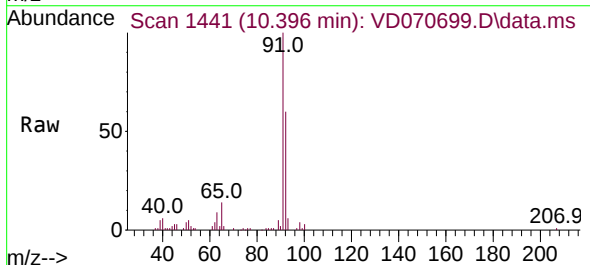
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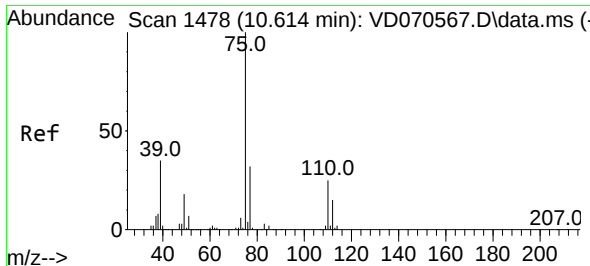
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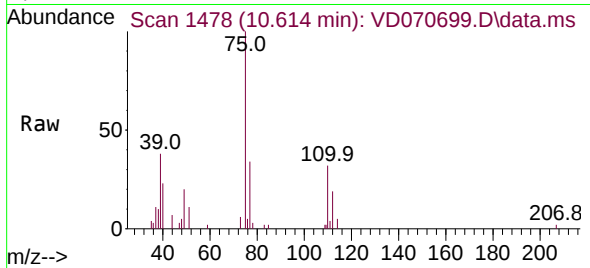
#52
Toluene
Concen: 3.822 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 92 Resp: 41754
Ion Ratio Lower Upper
92 100
91 167.0 136.3 204.5

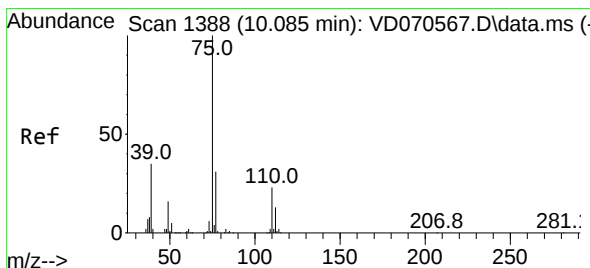
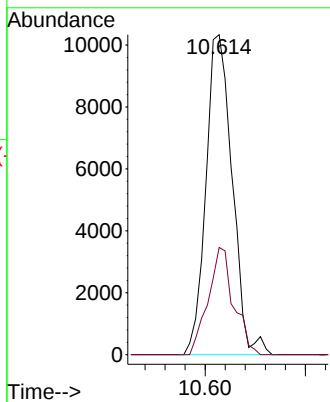
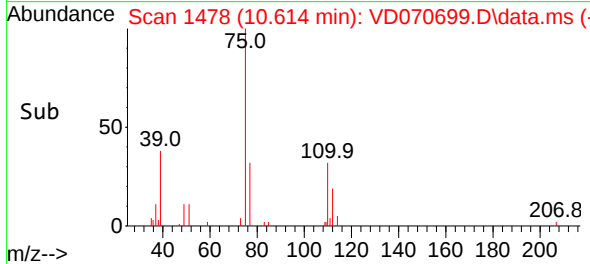




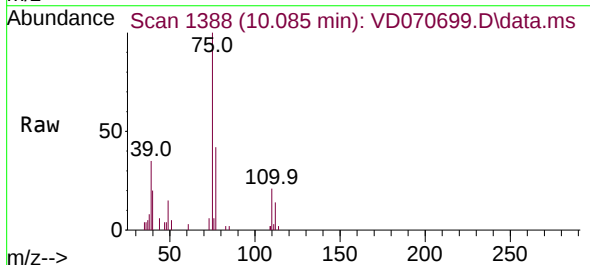
#53
t-1,3-Dichloropropene
Concen: 3.572 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



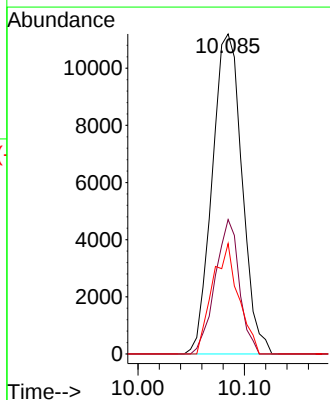
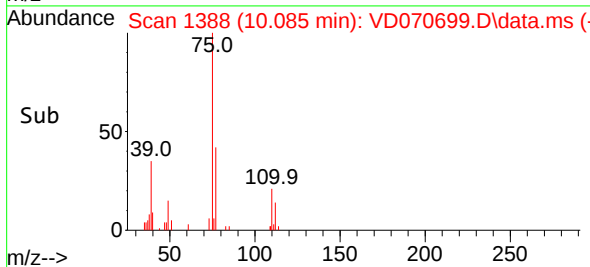
Tgt Ion: 75 Resp: 18791
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 3.436 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



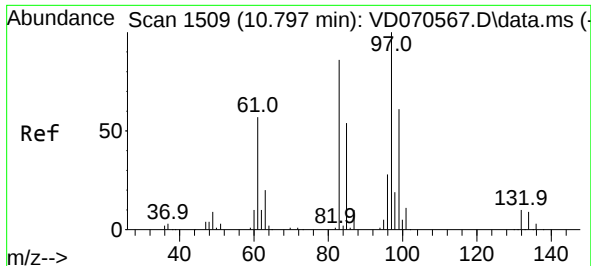
Tgt Ion: 75 Resp: 21765
Ion Ratio Lower Upper
75 100
77 42.0 25.2 37.8#
39 34.5 27.8 41.6



Instrument :
MSVOA_D
ClientSampleId :
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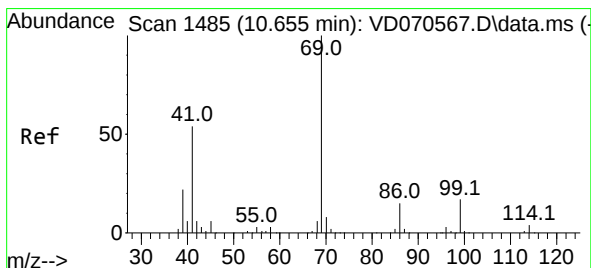
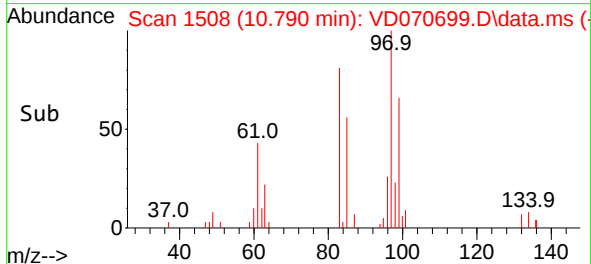
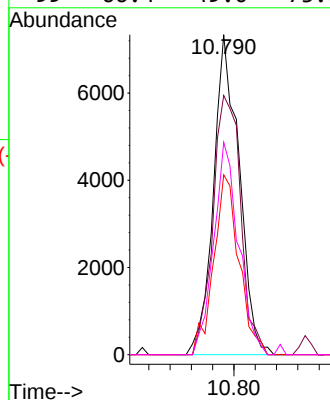
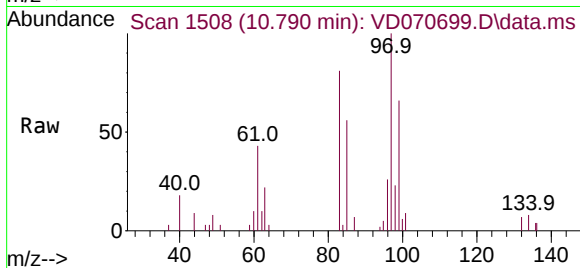
#55
1,1,2-Trichloroethane
Concen: 3.860 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:	97	Resp:	12249
Ion	Ratio	Lower	Upper
97	100		
83	81.0	69.1	103.7
85	56.2	43.0	64.6
99	66.4	49.0	73.6

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

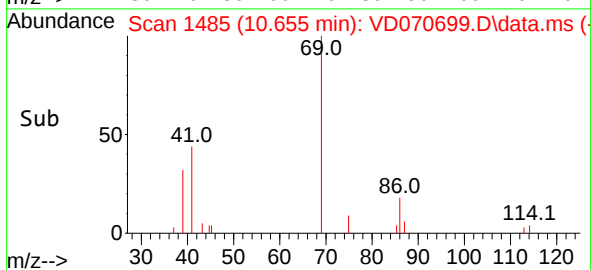
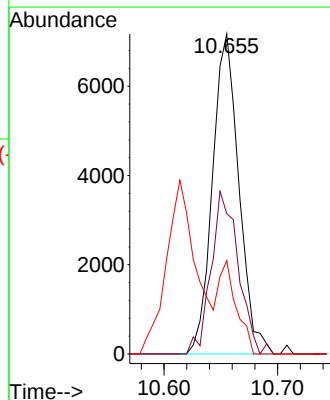
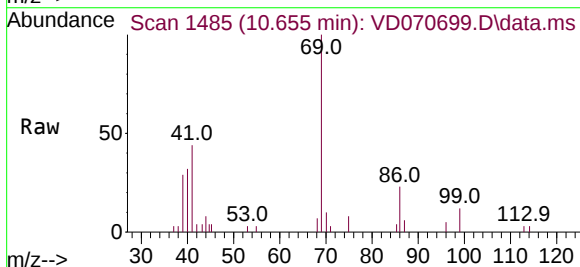
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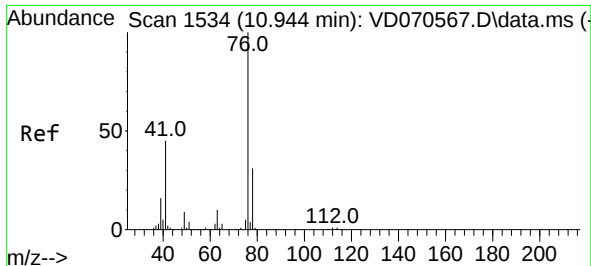
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#56
Ethyl methacrylate
Concen: 3.413 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:	69	Resp:	11568
Ion	Ratio	Lower	Upper
69	100		
41	52.5	44.7	67.1
39	19.7	19.5	29.3





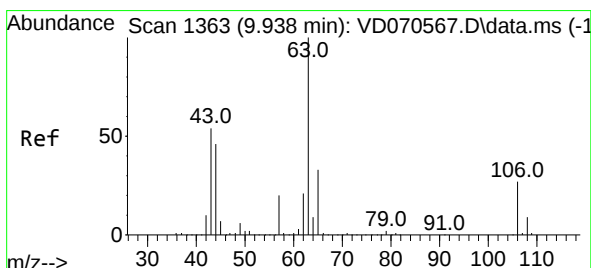
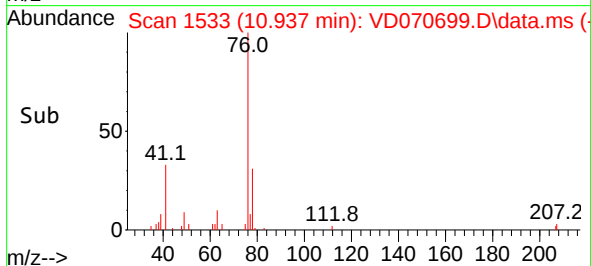
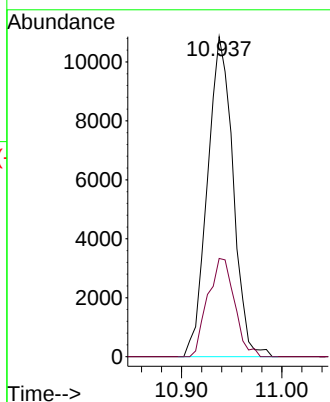
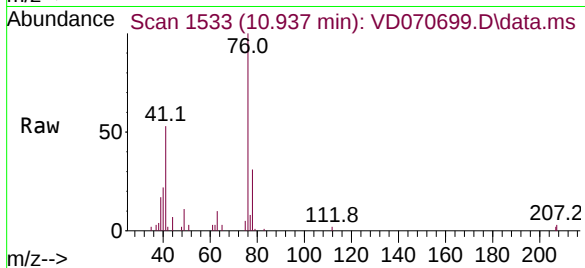
#57
1,3-Dichloropropane
Concen: 3.570 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 76 Resp: 19270
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

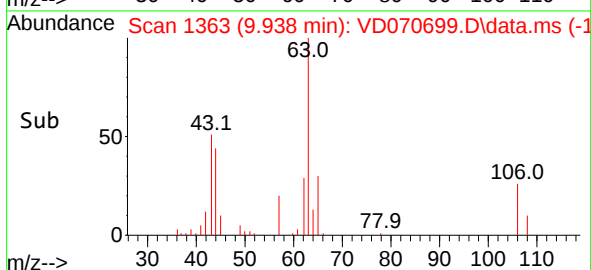
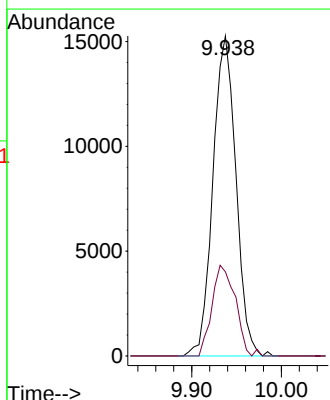
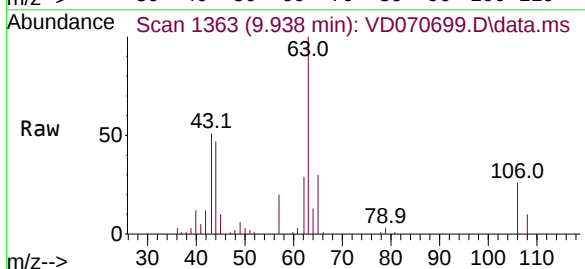
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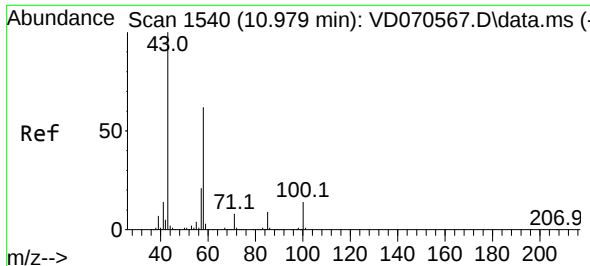
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#58
2-Chloroethyl Vinyl ether
Concen: 17.762 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 63 Resp: 27154
Ion Ratio Lower Upper
63 100
106 28.8 22.3 33.5





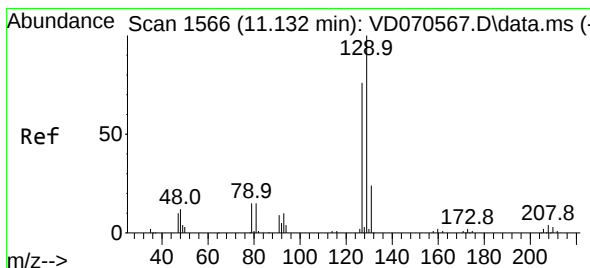
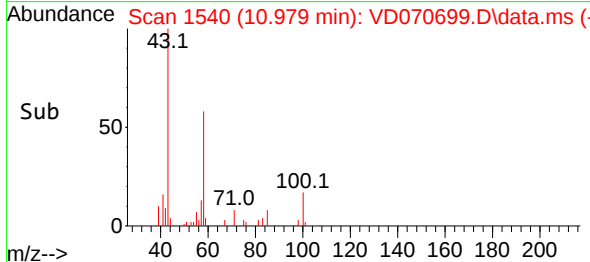
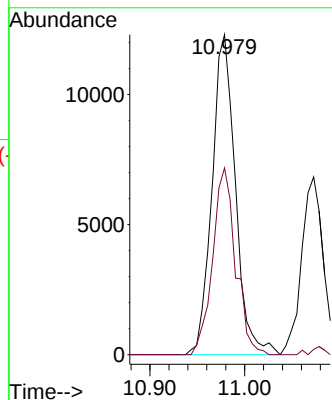
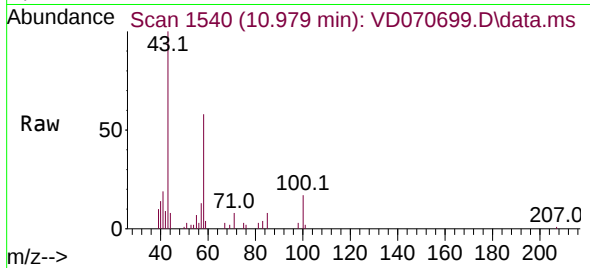
#59
2-Hexanone
Concen: 16.446 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 43 Resp: 21092
Ion Ratio Lower Upper
43 100
58 57.4 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

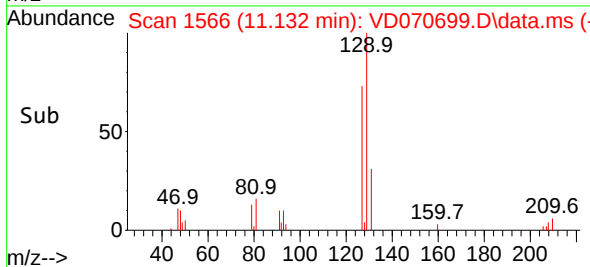
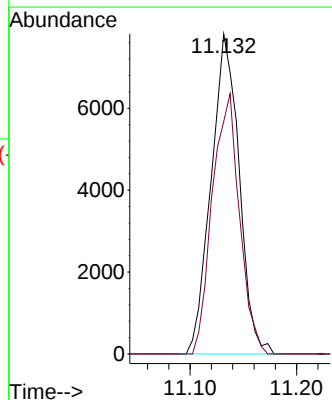
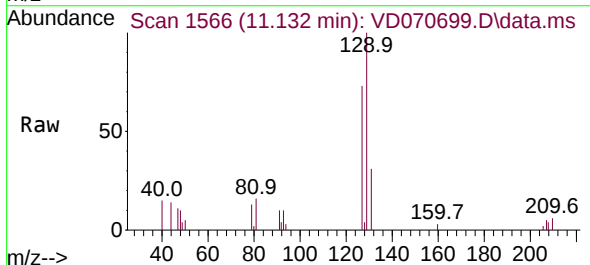
Manual Integrations
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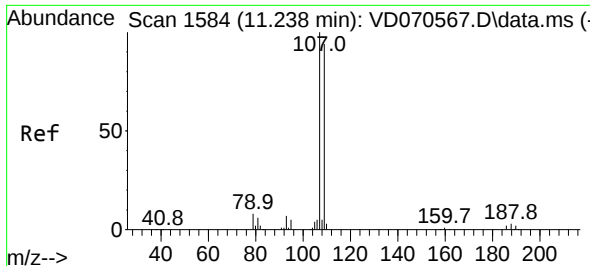
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#60
Dibromochloromethane
Concen: 3.727 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

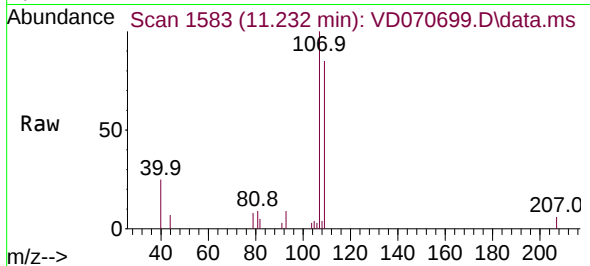
Tgt Ion: 129 Resp: 14248
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 3.667 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

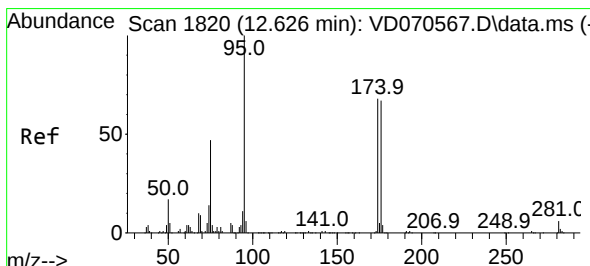
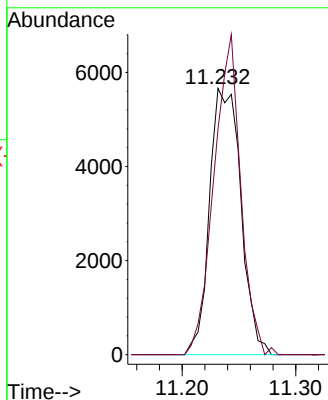
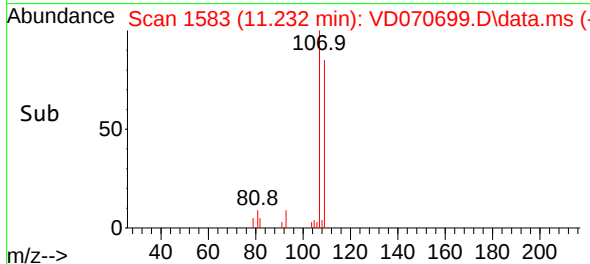
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



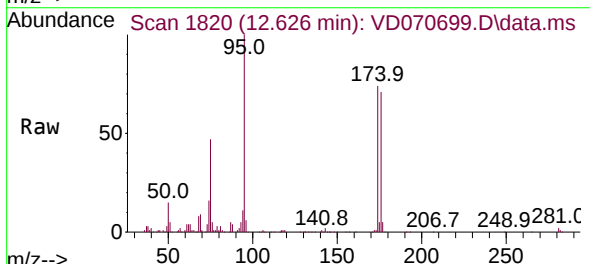
Tgt Ion:107 Resp: 10834
Ion Ratio Lower Upper
107 100
109 102.9 75.0 112.6

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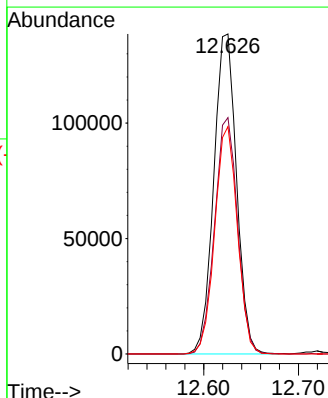
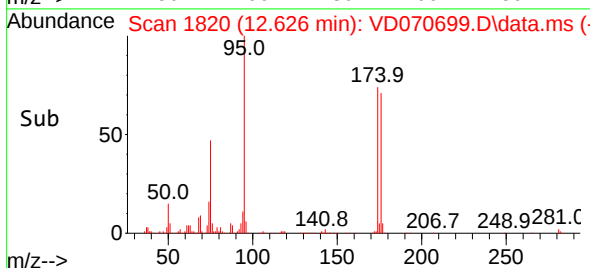
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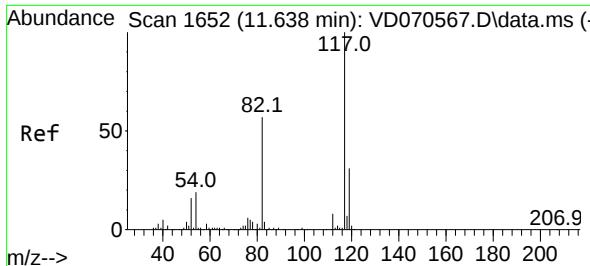


#62
4-Bromofluorobenzene
Concen: 48.071 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



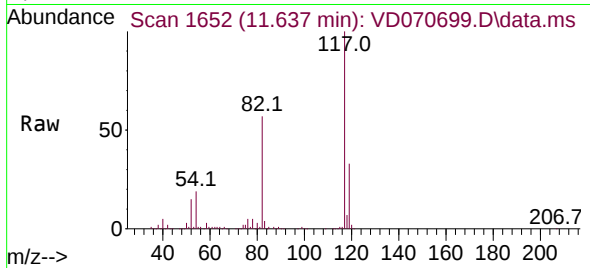
Tgt Ion: 95 Resp: 231971
Ion Ratio Lower Upper
95 100
174 74.3 0.0 138.0
176 70.5 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

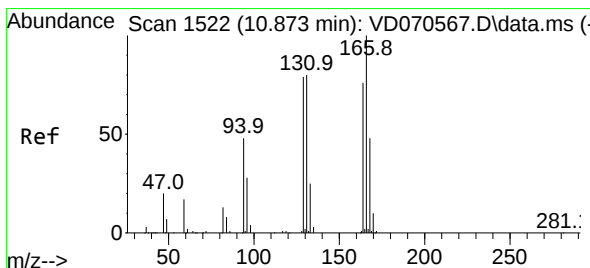
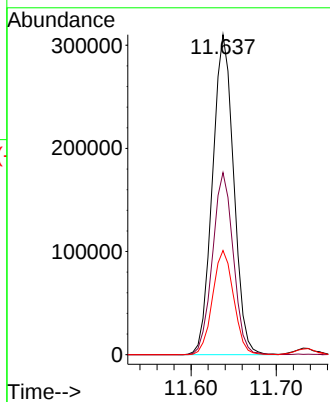
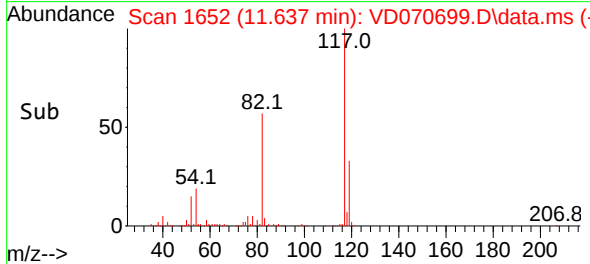
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



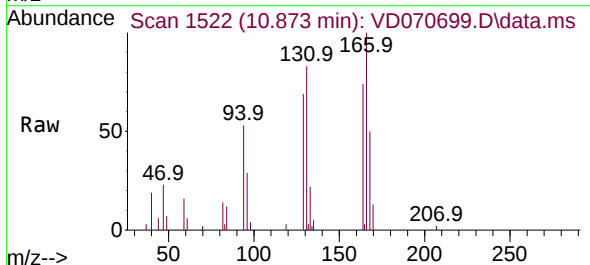
Tgt Ion:117 Resp: 537286
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 32.6 24.7 37.1

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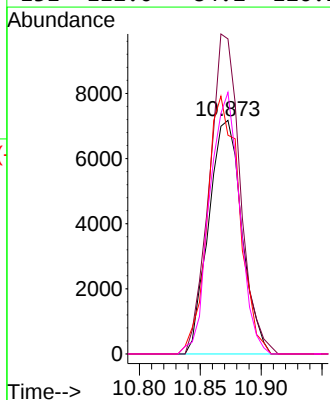
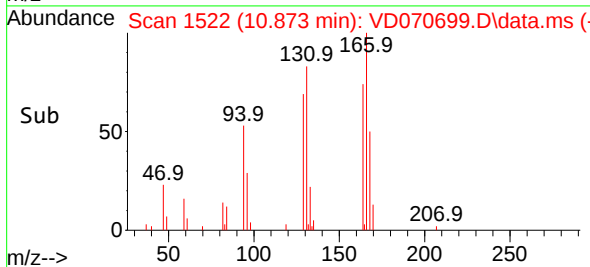
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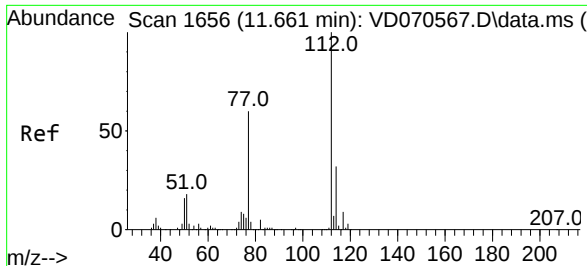


#64
Tetrachloroethene
Concen: 3.955 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



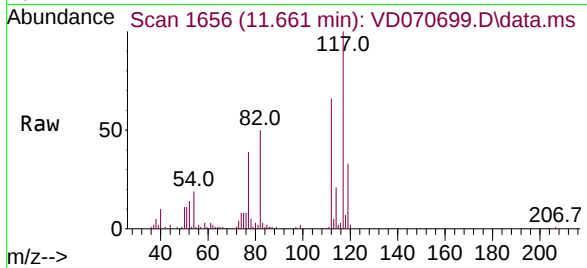
Tgt Ion:164 Resp: 13627
Ion Ratio Lower Upper
164 100
166 134.9 105.8 158.6
129 93.7 83.8 125.6
131 112.0 84.2 126.2



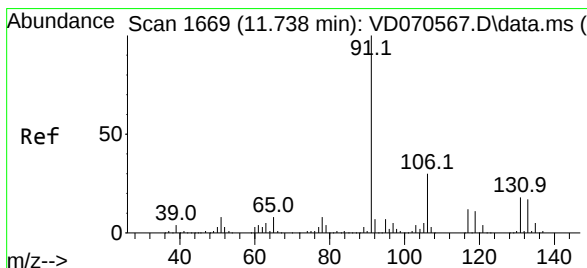
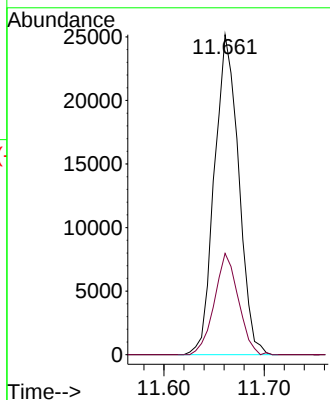
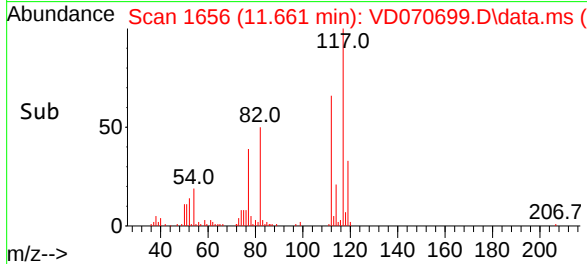


#65
Chlorobenzene
Concen: 3.682 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

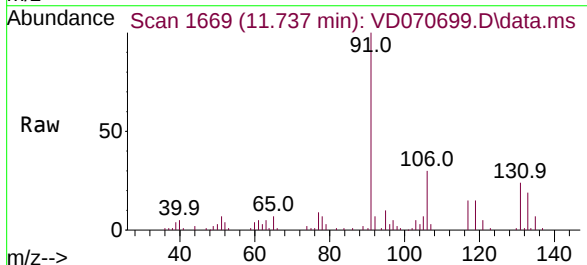
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



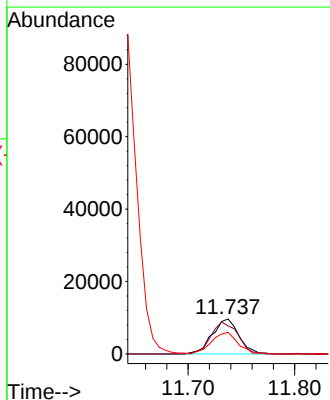
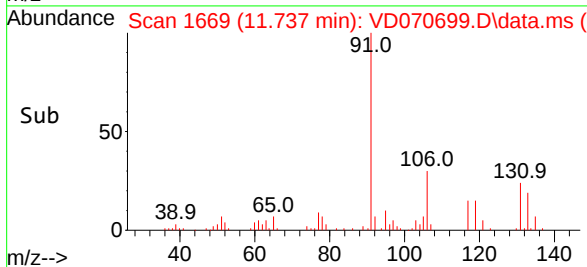
Tgt Ion:112 Resp: 42182
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

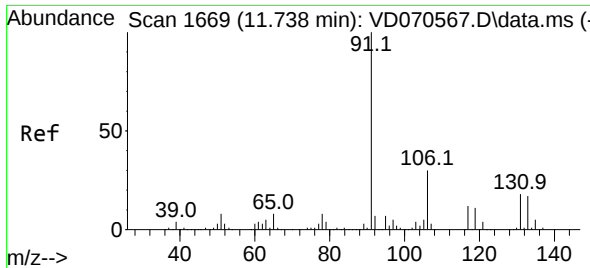


#66
1,1,1,2-Tetrachloroethane
Concen: 3.911 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion:131 Resp: 16667
Ion Ratio Lower Upper
131 100
133 93.3 46.8 140.3
119 61.2 32.6 97.7





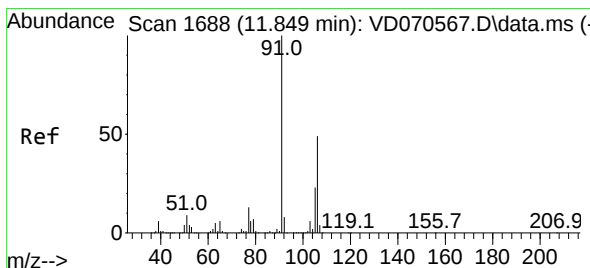
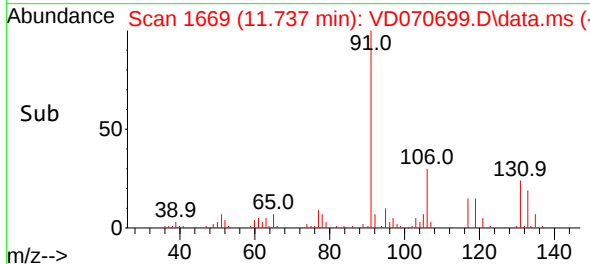
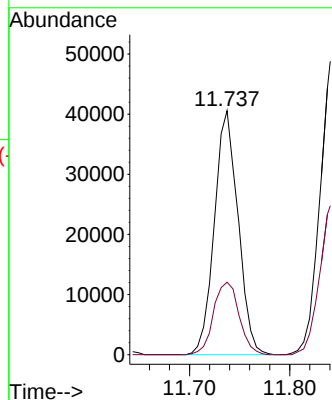
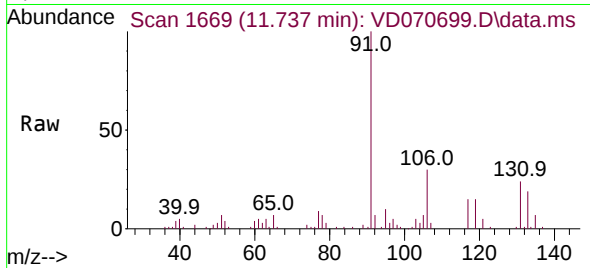
#67
Ethyl Benzene
Concen: 3.363 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 91 Resp: 66487
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

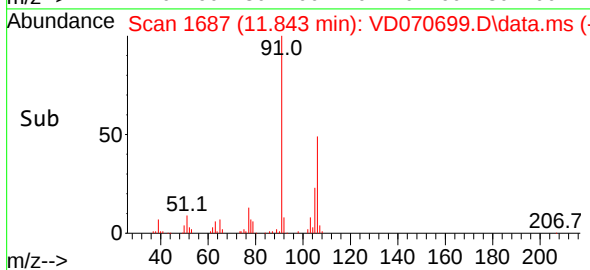
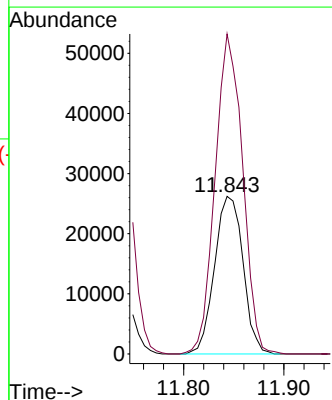
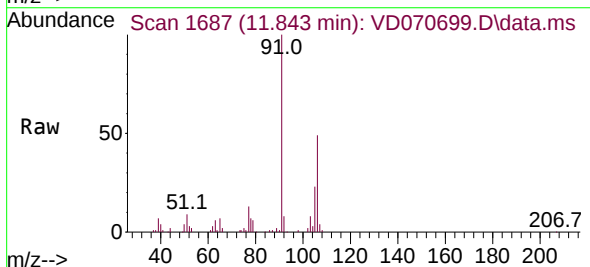
Manual Integrations
APPROVED

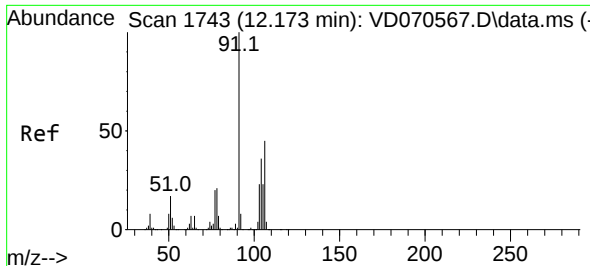
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#68
m/p-Xylenes
Concen: 6.642 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 106 Resp: 51715
Ion Ratio Lower Upper
106 100
91 196.2 162.7 244.1





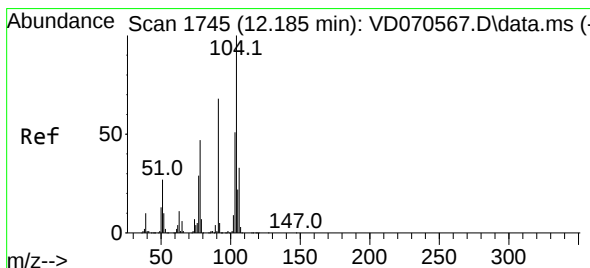
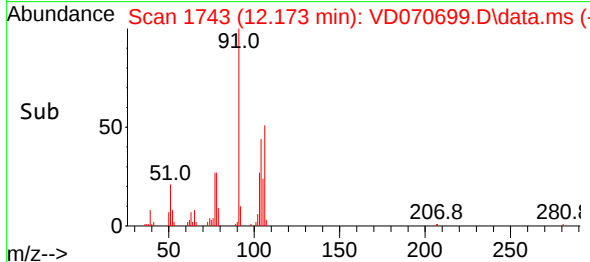
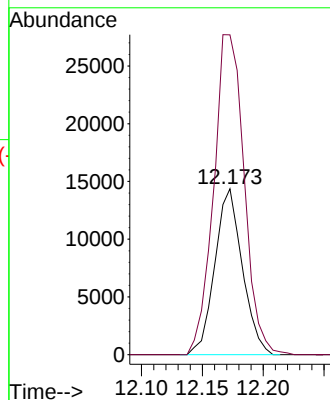
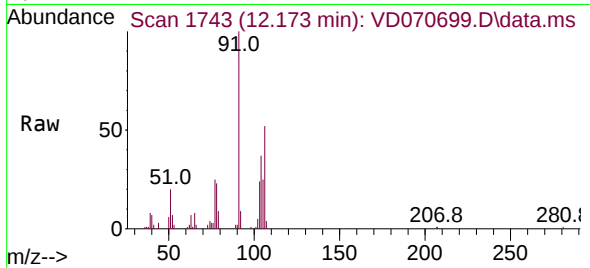
#69
o-Xylene
Concen: 3.265 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:106 Resp: 22611
Ion Ratio Lower Upper
106 100
91 213.7 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

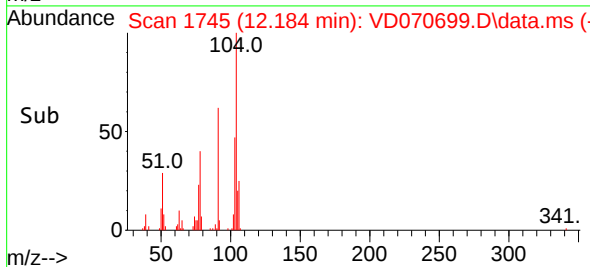
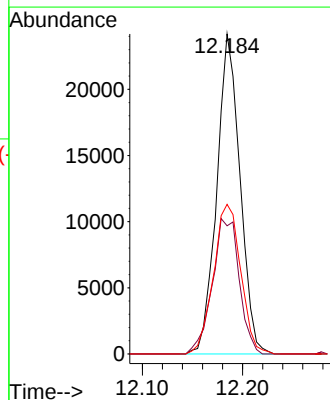
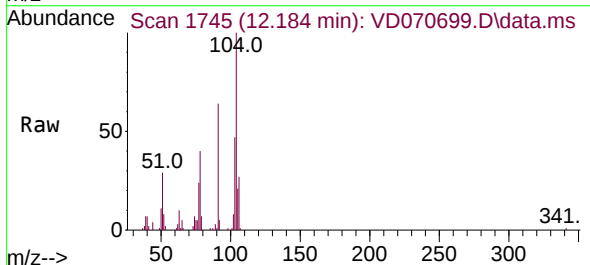
Manual Integrations
APPROVED

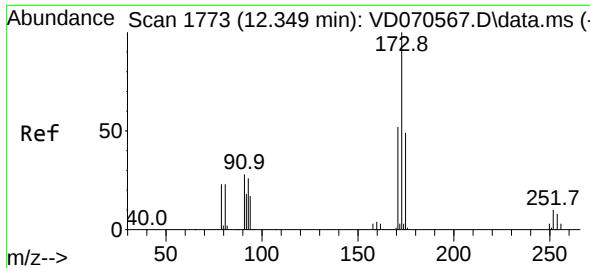
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#70
Styrene
Concen: 3.185 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

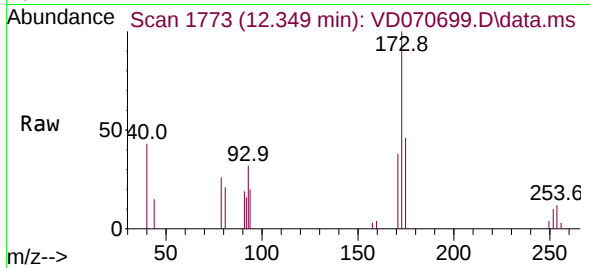
Tgt Ion:104 Resp: 38866
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.6
103 54.7 43.4 65.2





#71
Bromoform
Concen: 3.997 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

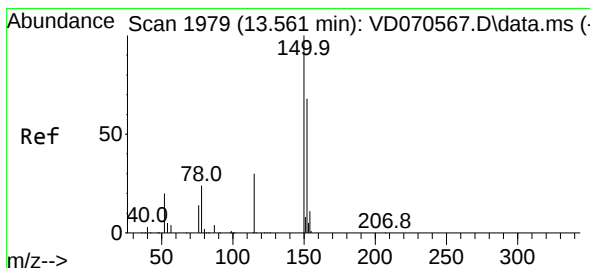
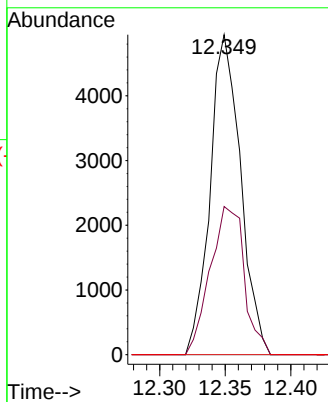
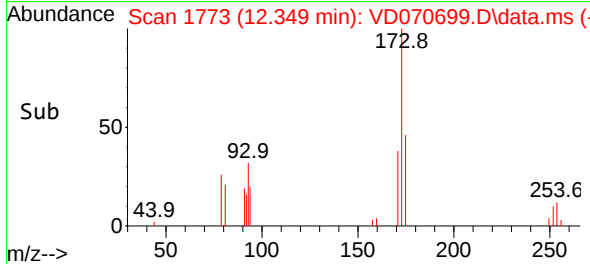
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



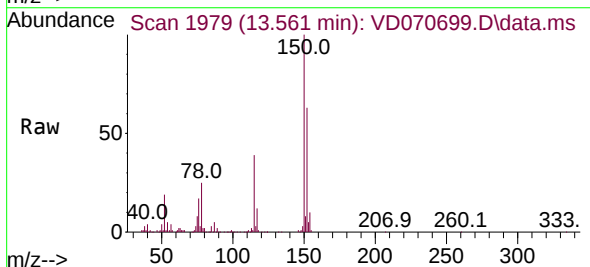
Tgt Ion:173 Resp: 7997
Ion Ratio Lower Upper
173 100
175 51.7 24.4 73.4
254 0.0 0.0 0.0

Manual Integrations
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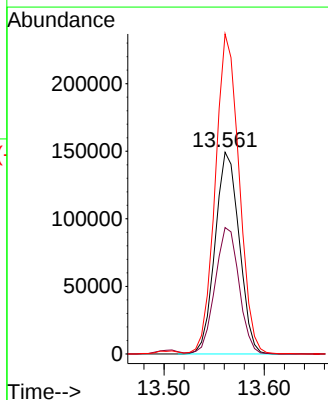
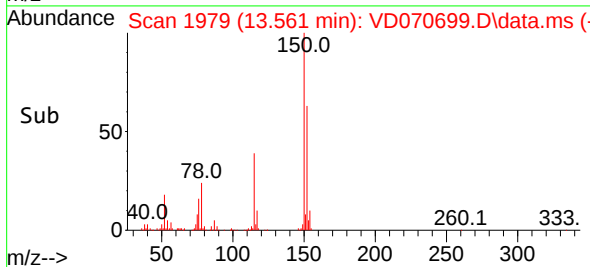
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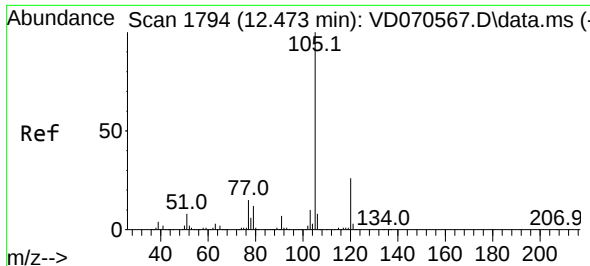


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



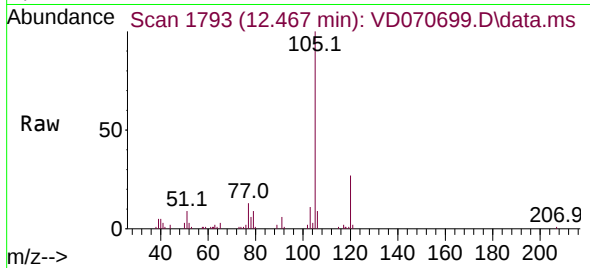
Tgt Ion:152 Resp: 248877
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.7
150 156.9 0.0 350.0





#73
Isopropylbenzene
Concen: 3.257 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

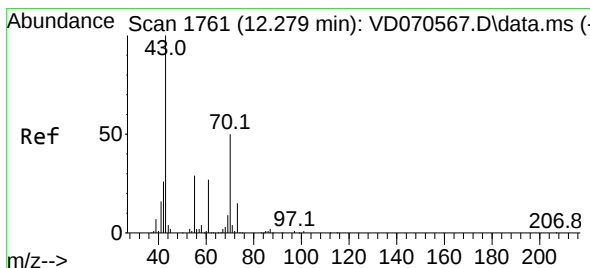
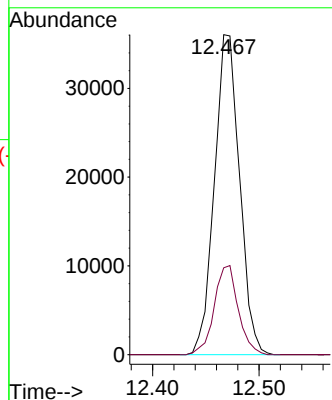
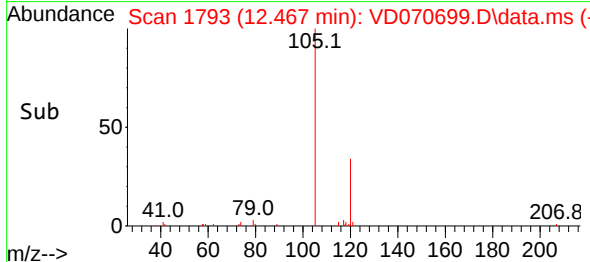
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



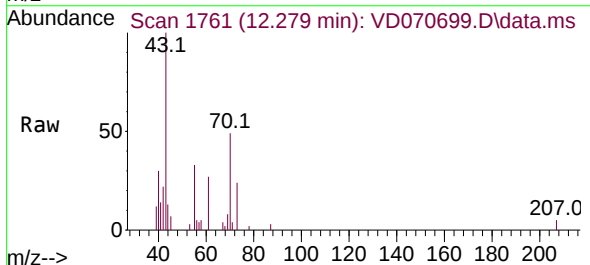
Tgt Ion:105 Resp: 59096
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.3

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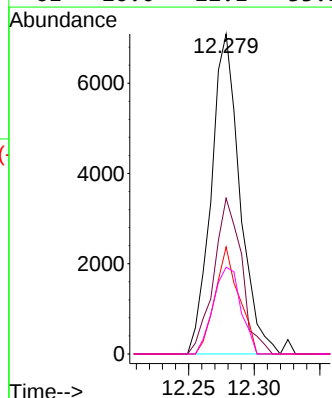
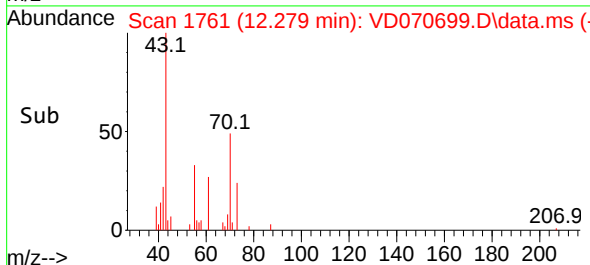
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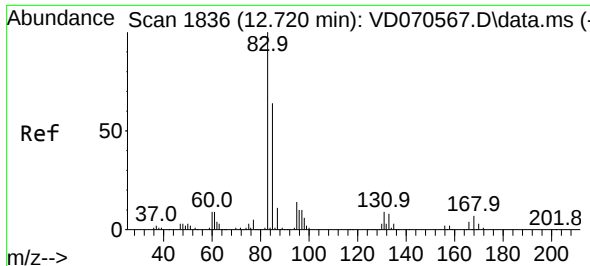


#74
N-ethyl acetate
Concen: 3.147 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



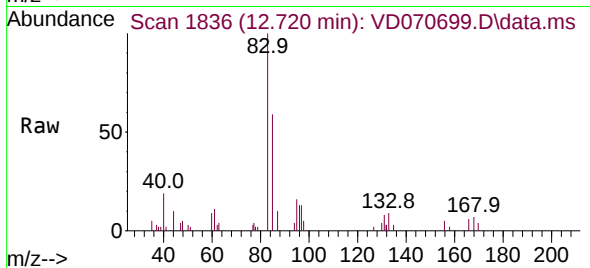
Tgt Ion: 43 Resp: 10762
Ion Ratio Lower Upper
43 100
70 47.2 40.0 60.0
55 28.0 23.8 35.6
61 26.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 3.786 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

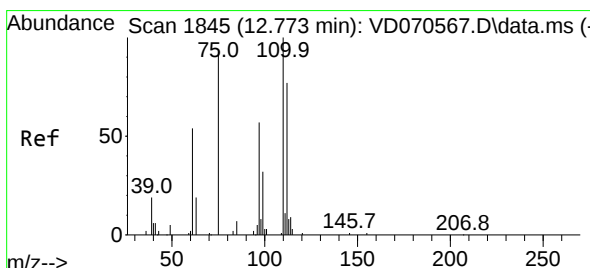
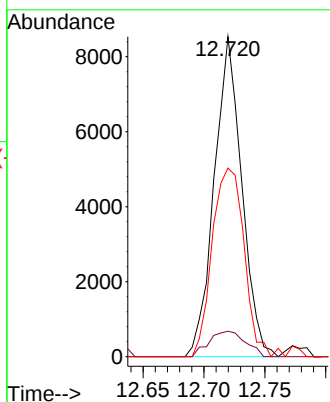
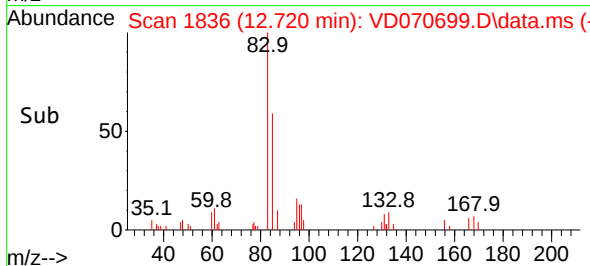
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



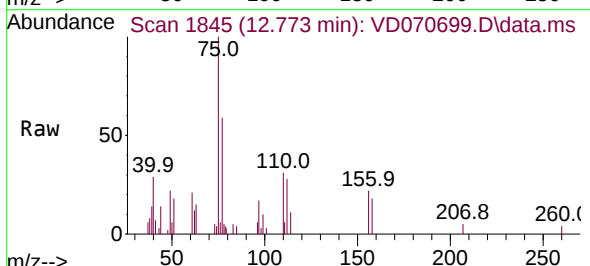
Tgt Ion: 83 Resp: 13431
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 68.3 31.9 95.7

Manual Integrations
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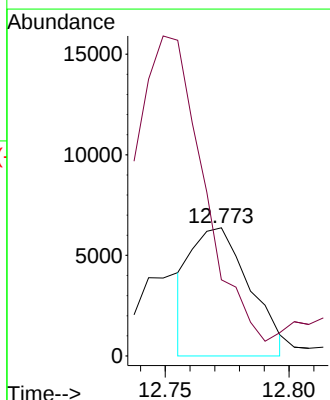
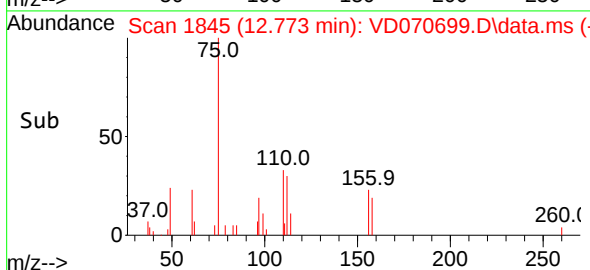
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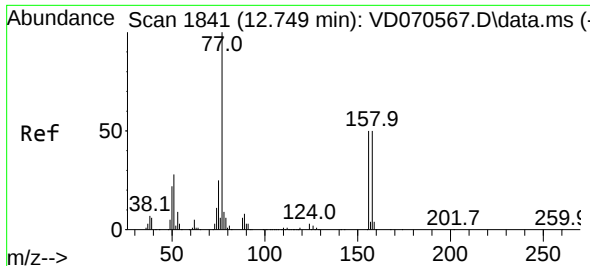


#76
1,2,3-Trichloropropane
Concen: 4.643 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

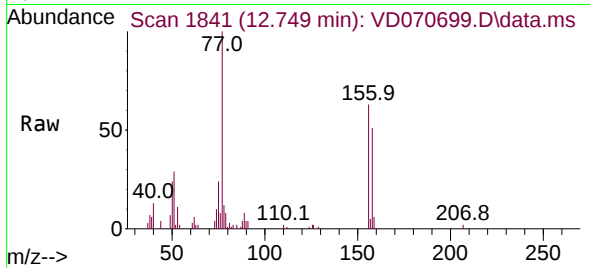


Tgt Ion: 75 Resp: 10459
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

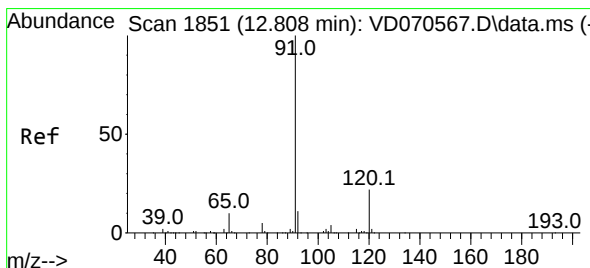
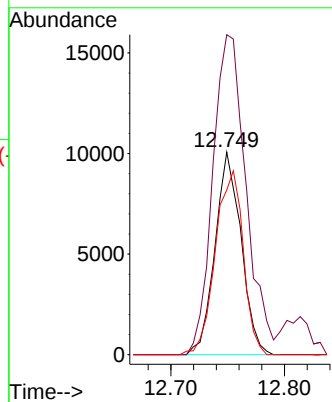
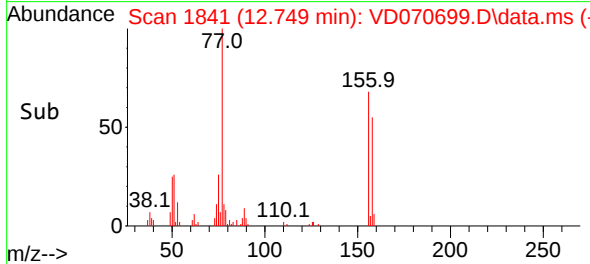




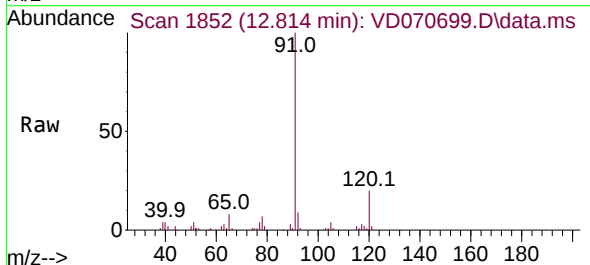
#77
Bromobenzene
Concen: 3.961 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



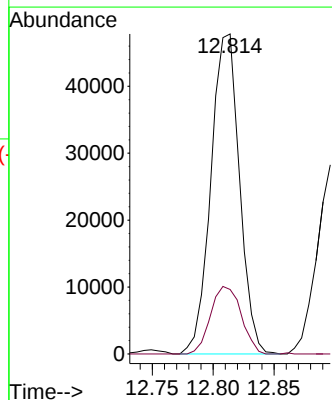
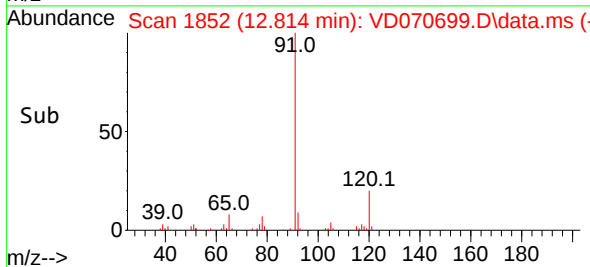
Tgt Ion:156 Resp: 16067
Ion Ratio Lower Upper
156 100
77 200.5 105.7 317.1
158 96.7 48.9 146.6



#78
n-propylbenzene
Concen: 3.403 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



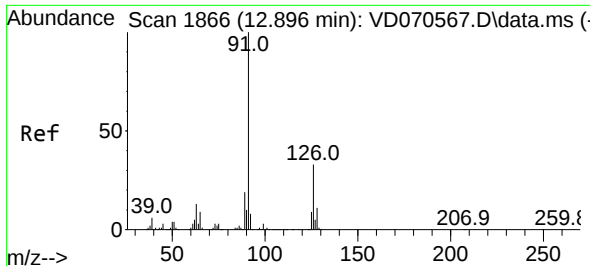
Tgt Ion: 91 Resp: 78149
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.6



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

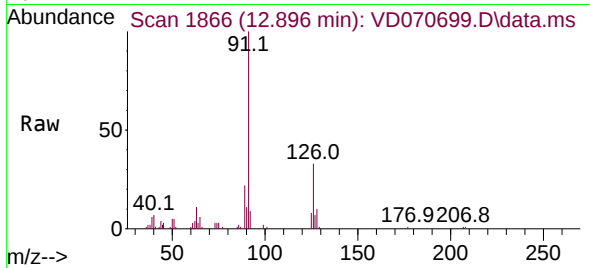
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#79
2-Chlorotoluene
Concen: 3.419 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

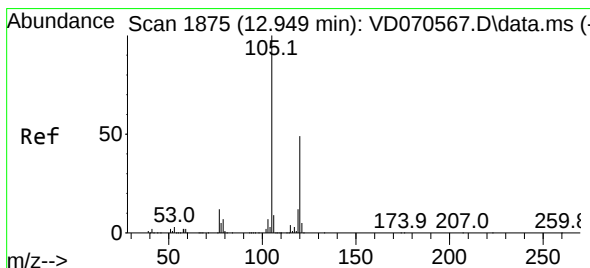
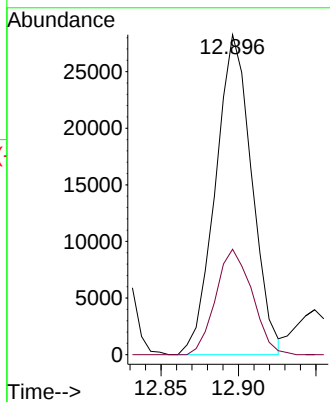
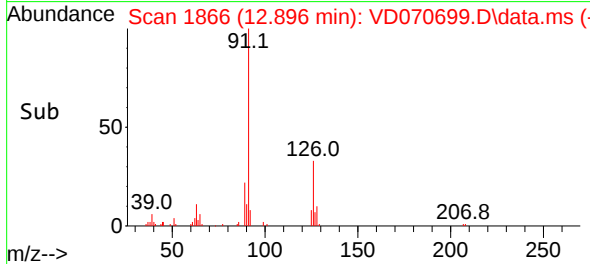
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



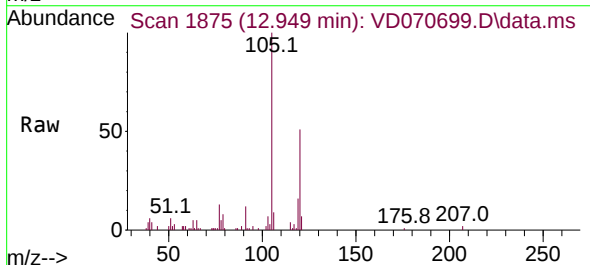
Tgt Ion: 91 Resp: 46057
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

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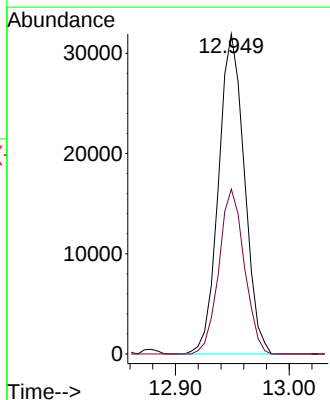
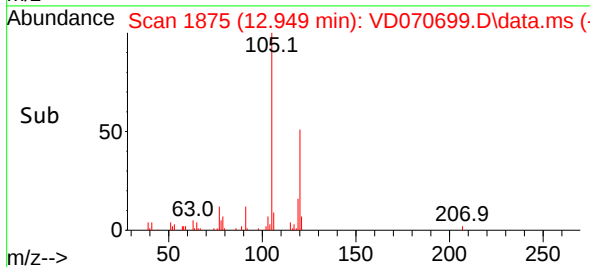
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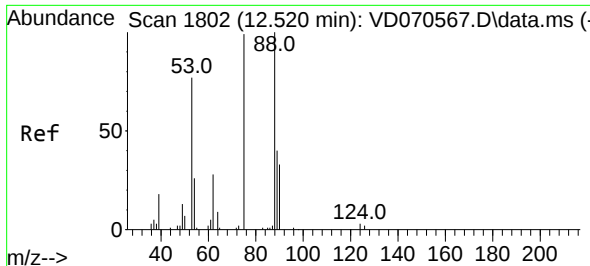


#80
1,3,5-Trimethylbenzene
Concen: 3.261 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion: 105 Resp: 50469
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.2





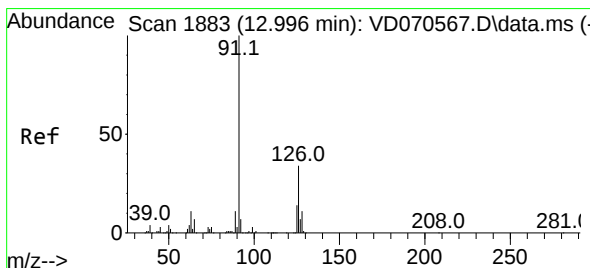
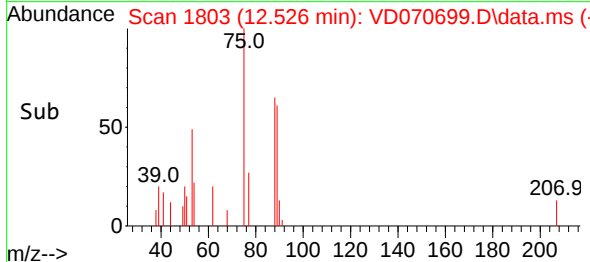
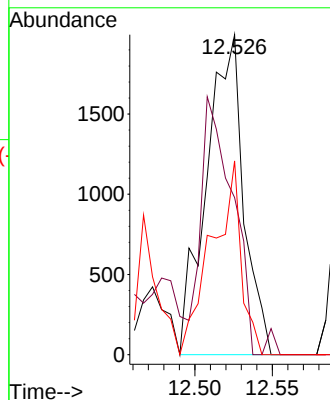
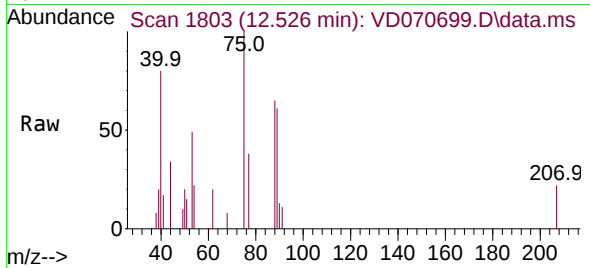
#81
trans-1,4-Dichloro-2-butene
Concen: 3.282 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion: 75 Resp: 3330
Ion Ratio Lower Upper
75 100
53 67.6 64.5 96.7
89 47.6 35.3 52.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

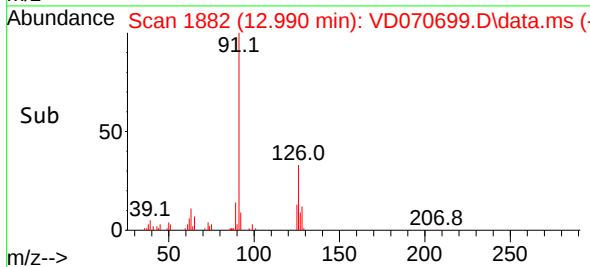
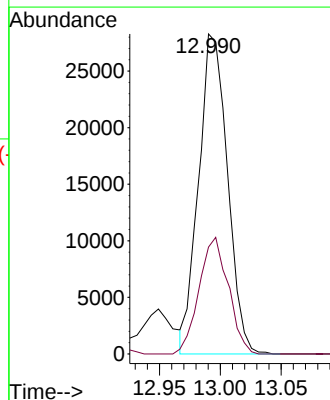
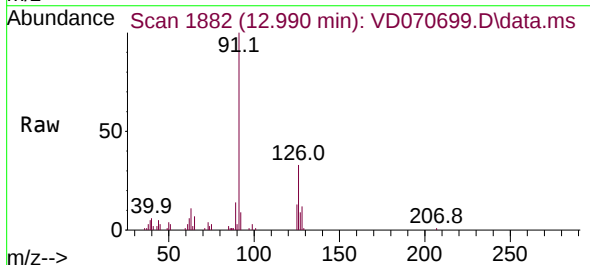
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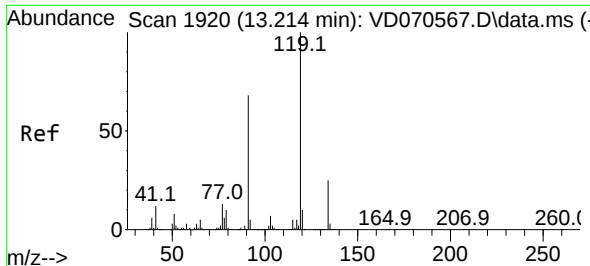
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#82
4-Chlorotoluene
Concen: 3.316 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

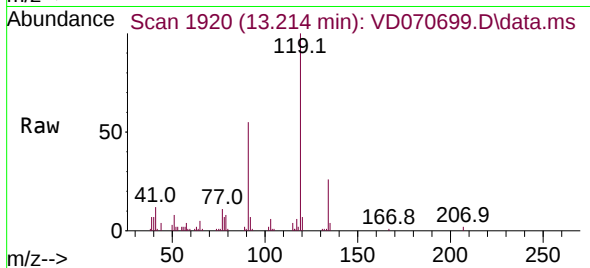
Tgt Ion: 91 Resp: 46700
Ion Ratio Lower Upper
91 100
126 37.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 3.426 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

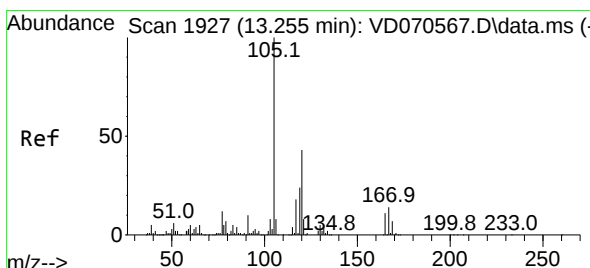
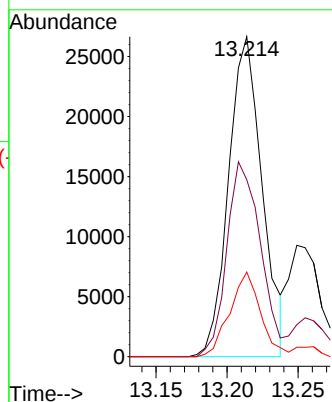
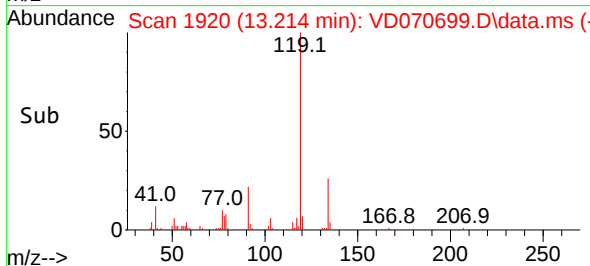
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



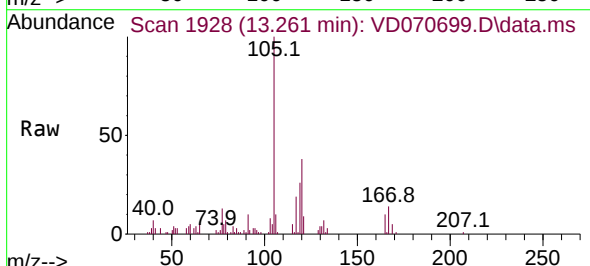
Tgt Ion:119 Resp: 43811
Ion Ratio Lower Upper
119 100
91 62.3 33.1 99.3
134 24.4 13.2 39.5

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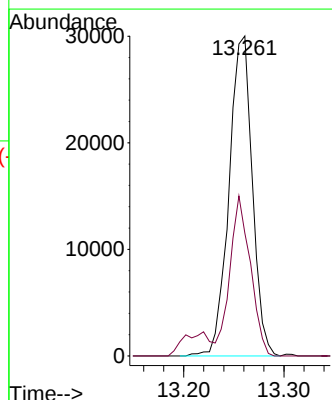
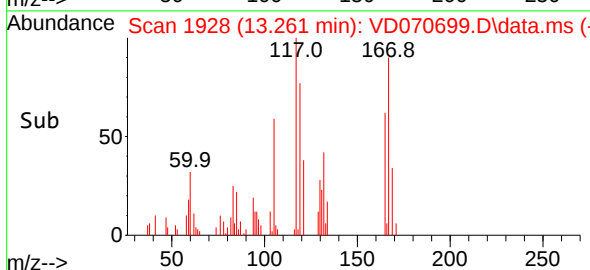
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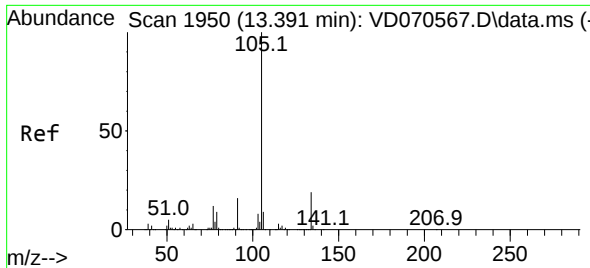


#84
1,2,4-Trimethylbenzene
Concen: 3.152 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion:105 Resp: 48528
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





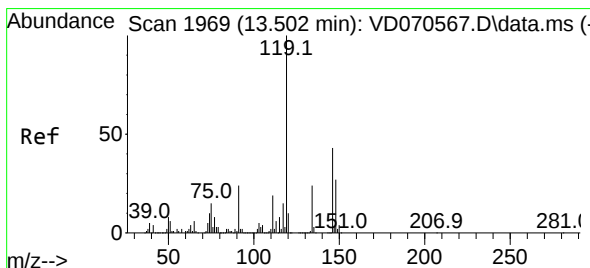
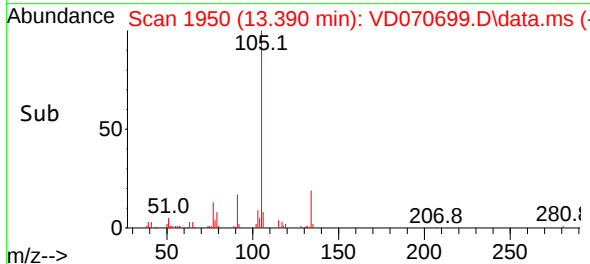
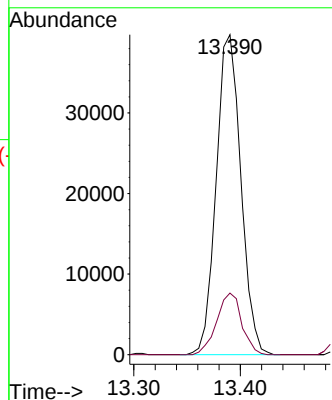
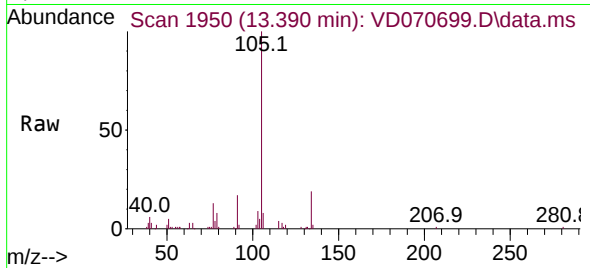
#85
 sec-Butylbenzene
 Concen: 3.218 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070699.D
 Acq: 13 Oct 2021 15:52

Tgt Ion:105 Resp: 63790
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.3 28.0

Instrument :
 MSVOA_D
 ClientSampleId :
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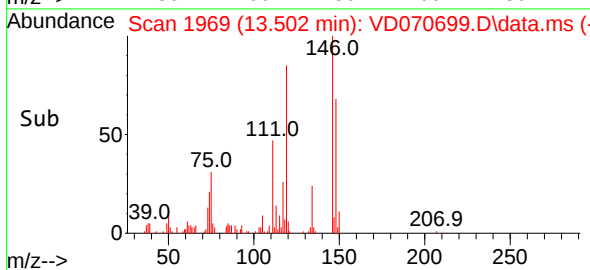
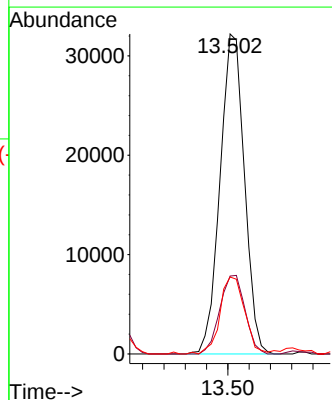
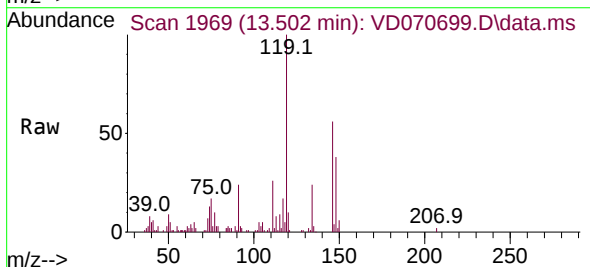
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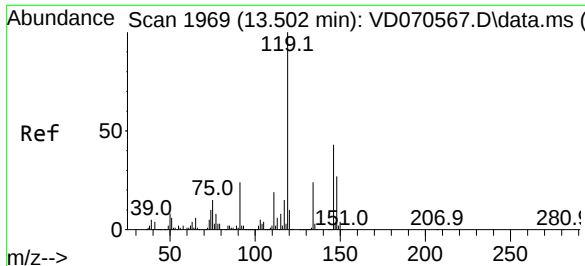
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#86
 p-Isopropyltoluene
 Concen: 3.158 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070699.D
 Acq: 13 Oct 2021 15:52

Tgt Ion:119 Resp: 51140
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 24.3 11.9 35.5





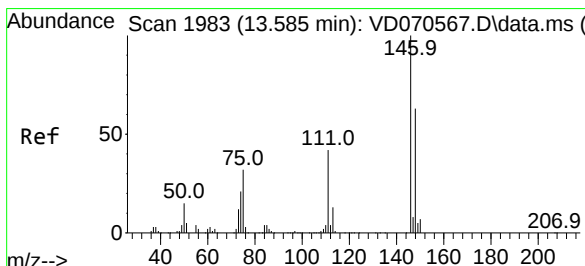
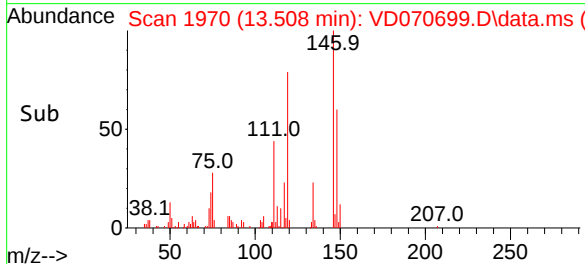
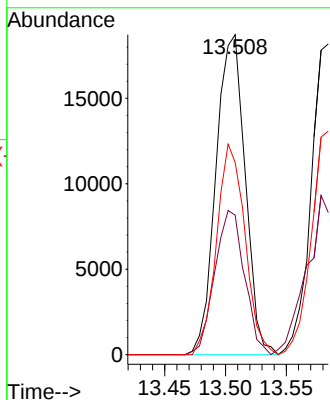
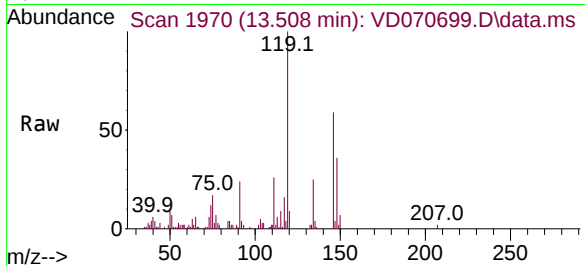
#87
1,3-Dichlorobenzene
Concen: 3.668 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:146 Resp: 31244
Ion Ratio Lower Upper
146 100
111 45.9 21.4 64.2
148 64.1 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

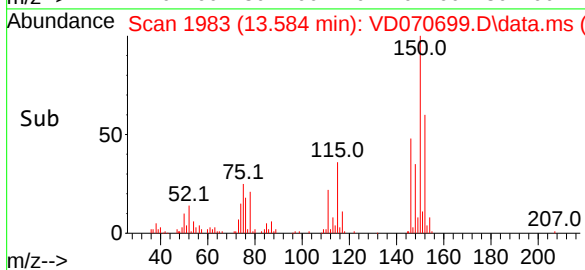
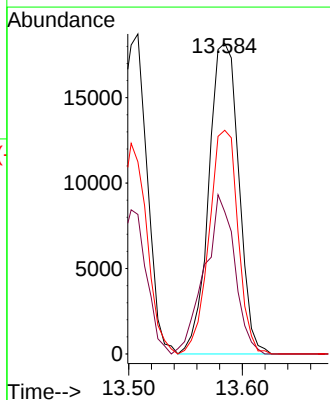
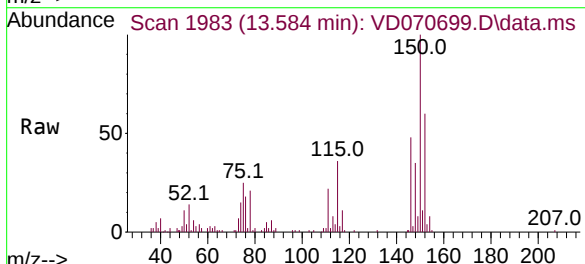
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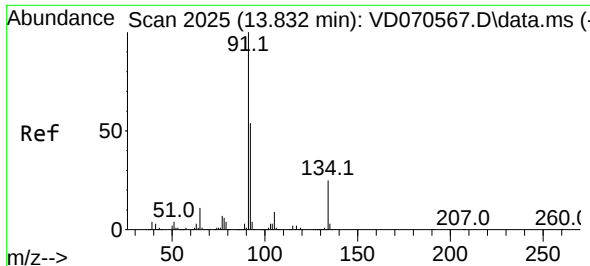
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#88
1,4-Dichlorobenzene
Concen: 3.945 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

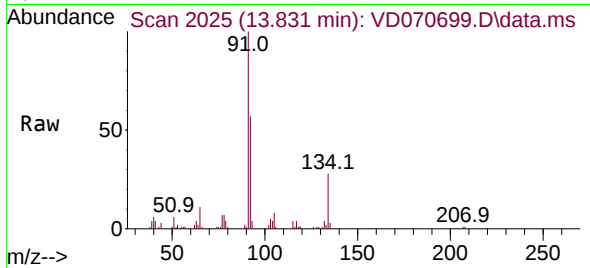
Tgt Ion:146 Resp: 33316
Ion Ratio Lower Upper
146 100
111 51.4 21.1 63.4
148 69.4 31.6 94.8





#89
n-Butylbenzene
Concen: 3.254 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

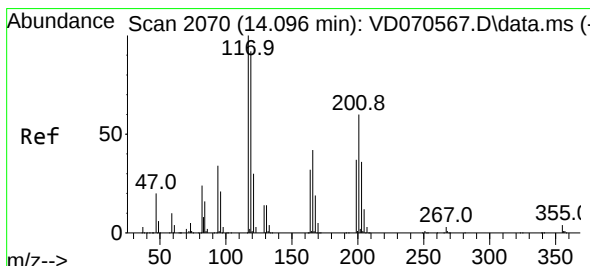
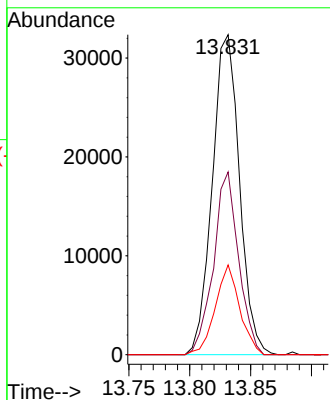
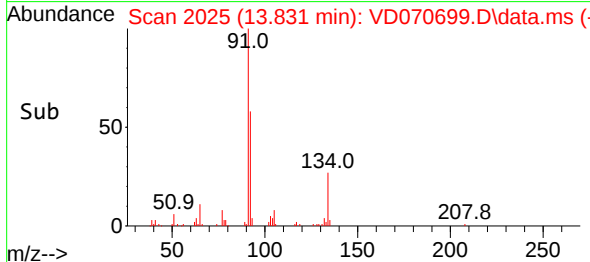
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



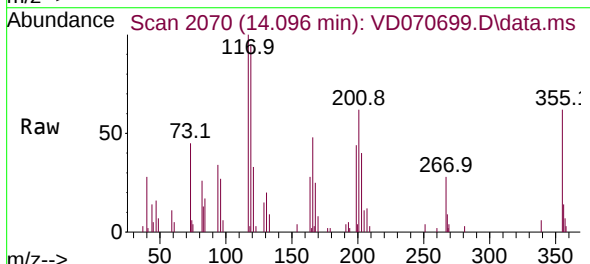
Tgt Ion: 91 Resp: 50303
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 25.2 12.2 36.4

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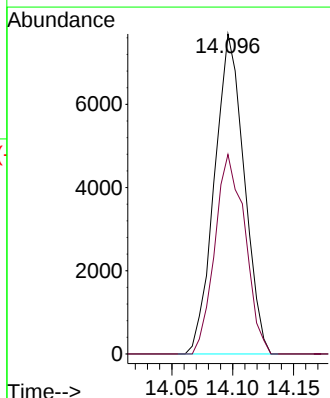
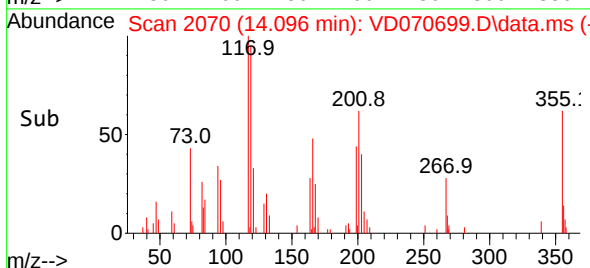
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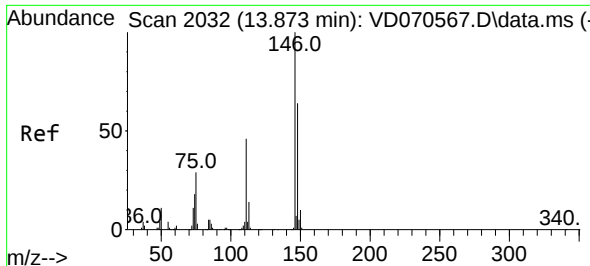


#90
Hexachloroethane
Concen: 3.726 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion: 117 Resp: 13044
Ion Ratio Lower Upper
117 100
201 63.3 31.9 95.9





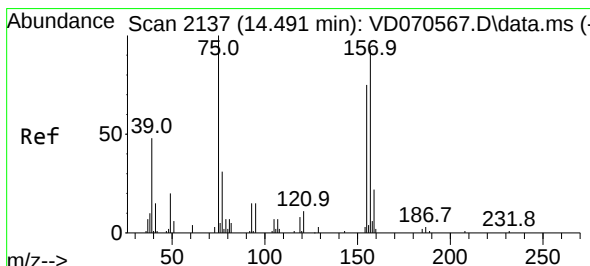
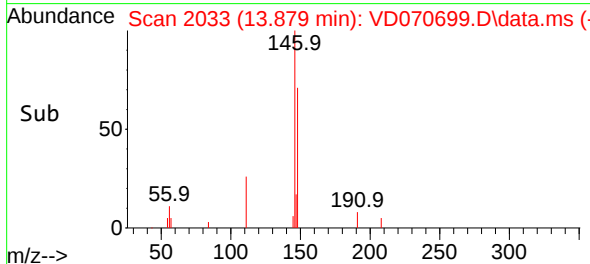
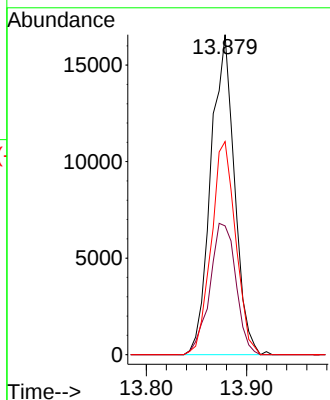
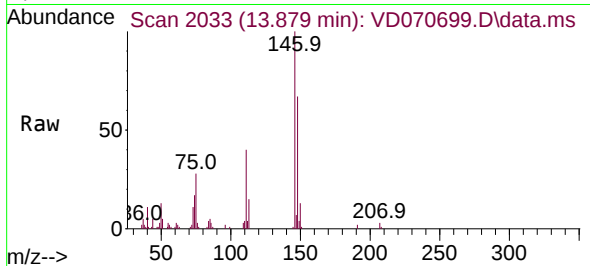
#91
1,2-Dichlorobenzene
Concen: 3.730 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:146 Resp: 27090
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.4
148 68.6 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

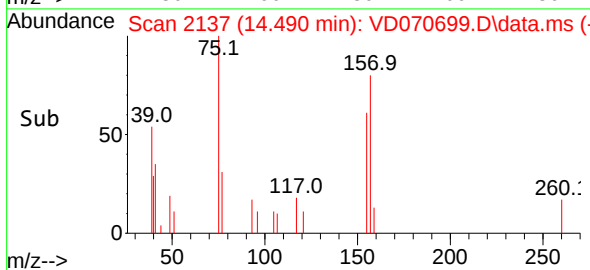
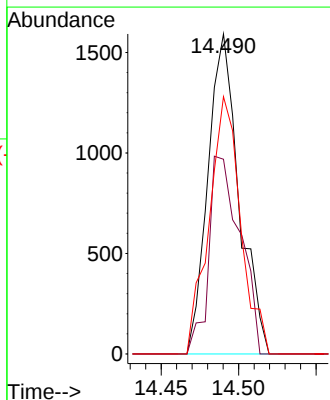
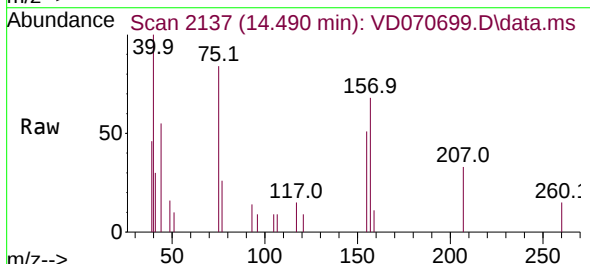
Manual Integrations
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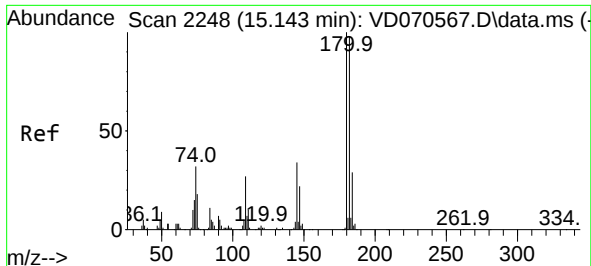
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.329 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

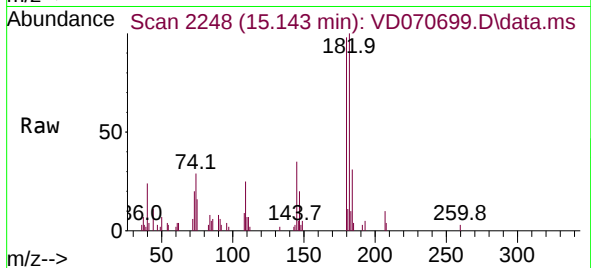
Tgt Ion: 75 Resp: 2217
Ion Ratio Lower Upper
75 100
155 62.7 38.1 114.5
157 81.9 47.6 142.9





#93
1,2,4-Trichlorobenzene
Concen: 3.850 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

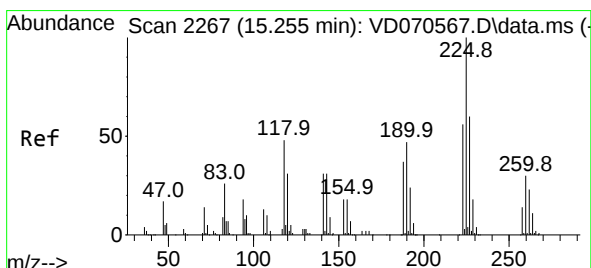
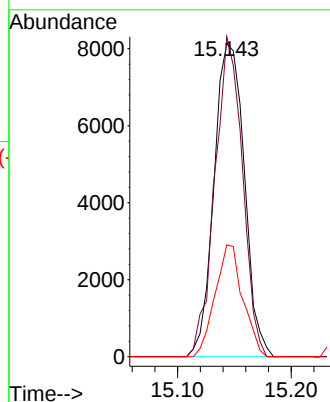
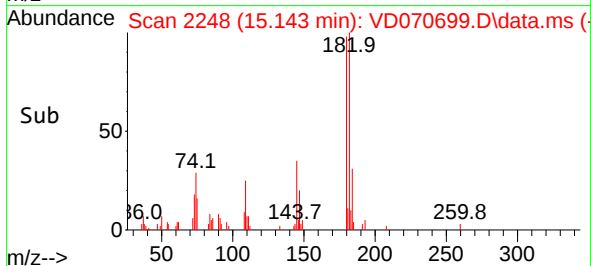
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



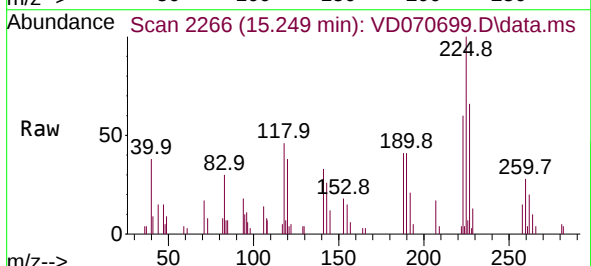
Tgt Ion:180 Resp: 15055
Ion Ratio Lower Upper
180 100
182 93.2 47.5 142.5
145 32.7 16.9 50.7

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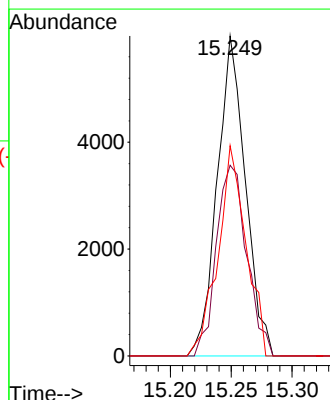
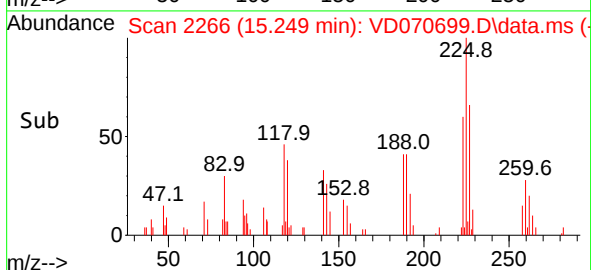
apatel
10/19/2021 12:37:55 PM

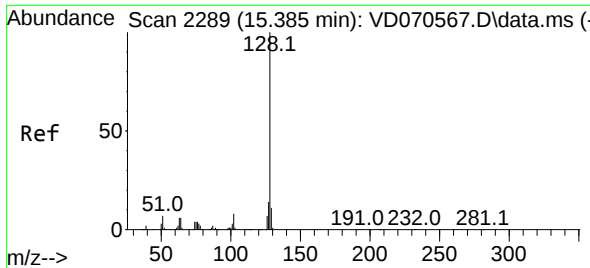


#94
Hexachlorobutadiene
Concen: 3.901 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52



Tgt Ion:225 Resp: 9640
Ion Ratio Lower Upper
225 100
223 64.4 31.2 93.6
227 65.3 32.2 96.6





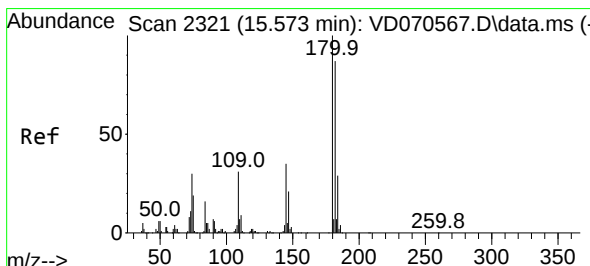
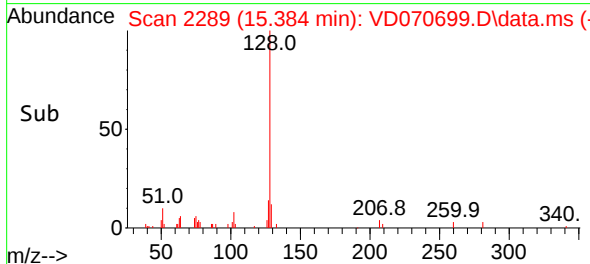
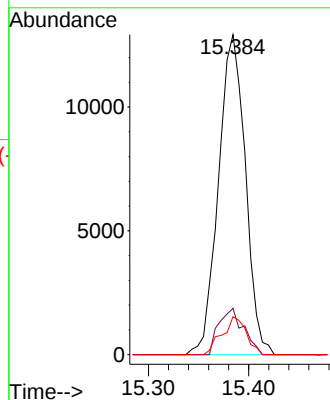
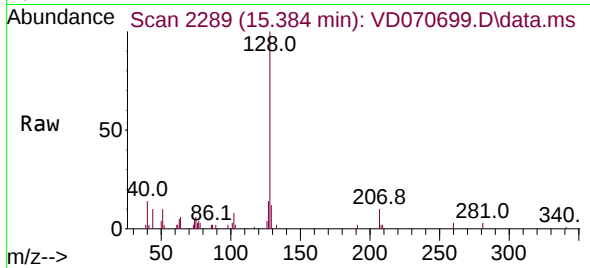
#95
Naphthalene
Concen: 3.409 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:	128	Resp:	24070
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.9	16.3
129	10.6	8.6	12.8

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
APPROVED

apatel
10/19/2021 12:37:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.816 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD070699.D
Acq: 13 Oct 2021 15:52

Tgt Ion:	180	Resp:	13143
Ion Ratio	Lower	Upper	
180	100		
182	89.0	46.2	138.5
145	34.2	17.1	51.3

