

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069887.D
 Acq On : 28 Jul 2021 14:28
 Operator : VA/SY
 Sample : M2940-03 2.5PPBMDL
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Jul 29 05:04:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 05:03:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	647309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1227020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1170874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	521722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	416245	55.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.820%	
35) Dibromofluoromethane	7.914	113	411131	53.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.300%	
50) Toluene-d8	10.338	98	1528654	51.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.626	95	509991	51.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	17213	2.526	ug/l	99
3) Chloromethane	2.209	50	25687	2.599	ug/l	94
4) Vinyl Chloride	2.344	62	26360	2.536	ug/l	98
5) Bromomethane	2.768	94	22057	3.240	ug/l	98
6) Chloroethane	2.921	64	18017	2.674	ug/l	100
7) Trichlorofluoromethane	3.268	101	35103	2.735	ug/l	93
8) Diethyl Ether	3.709	74	9024	2.500	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	22426	2.752	ug/l	97
10) Methyl Iodide	4.297	142	14378	2.019	ug/l	97
11) Tert butyl alcohol	5.215	59	5462	14.179	ug/l #	73
12) 1,1-Dichloroethene	4.073	96	19654	2.654	ug/l #	77
13) Acrolein	3.926	56	5400	10.014	ug/l #	66
14) Allyl chloride	4.709	41	26116	2.405	ug/l	97
15) Acrylonitrile	5.426	53	20260	11.931	ug/l	95
16) Acetone	4.150	43	19534	14.525	ug/l #	72
17) Carbon Disulfide	4.409	76	63516	2.399	ug/l	96
18) Methyl Acetate	4.732	43	12556	3.218	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	35948	2.343	ug/l	100
20) Methylene Chloride	4.962	84	89041	7.269	ug/l	93
21) trans-1,2-Dichloroethene	5.468	96	21531	2.467	ug/l	94
22) Diisopropyl ether	6.356	45	46967	1.991	ug/l #	86
23) Vinyl Acetate	6.309	43	66799	5.910	ug/l	98
24) 1,1-Dichloroethane	6.262	63	43765	2.685	ug/l	98
25) 2-Butanone	7.209	43	21310	11.685	ug/l	98
26) 2,2-Dichloropropane	7.209	77	31182	2.516	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	24546	2.636	ug/l	98
28) Bromochloromethane	7.544	49	14888	2.406	ug/l	93
29) Tetrahydrofuran	7.567	42	12532	10.621	ug/l	96
30) Chloroform	7.703	83	45122	2.754	ug/l	94
31) Cyclohexane	7.979	56	47672	3.277	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	37854	2.791	ug/l	98
36) 1,1-Dichloropropene	8.114	75	30433	2.298	ug/l	98
37) Ethyl Acetate	7.291	43	12169	2.524	ug/l #	92
38) Carbon Tetrachloride	8.091	117	27438	2.268	ug/l	95
39) Methylcyclohexane	9.350	83	40308	2.658	ug/l	96
40) Benzene	8.344	78	93810	2.445	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3915	1.548	ug/l #	65
42) 1,2-Dichloroethane	8.426	62	26266	2.589	ug/l	98
43) Isopropyl Acetate	8.450	43	21103	2.441	ug/l	99
44) Trichloroethene	9.114	130	23558	2.494	ug/l	98
45) 1,2-Dichloropropane	9.385	63	24780	2.459	ug/l	93
46) Dibromomethane	9.473	93	11429	2.307	ug/l	92
47) Bromodichloromethane	9.661	83	30299	2.354	ug/l	92
48) Methyl methacrylate	9.456	41	7681	1.847	ug/l #	84
49) 1,4-Dioxane	9.461	88	2361	45.117	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	47437	10.544	ug/l	95
52) Toluene	10.403	92	55655	2.392	ug/l	92
53) t-1,3-Dichloropropene	10.614	75	25103	2.324	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	29477	2.254	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	20682	2.956	ug/l	86
56) Ethyl methacrylate	10.655	69	19171	2.503	ug/l	96
57) 1,3-Dichloropropane	10.944	76	29402	2.484	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.938	63	34407	10.486	ug/l	97
59) 2-Hexanone	10.979	43	33443	11.238	ug/l	84
60) Dibromochloromethane	11.132	129	19601	2.474	ug/l	100
61) 1,2-Dibromoethane	11.238	107	15184	2.411	ug/l	89
64) Tetrachloroethene	10.867	164	21111	2.828	ug/l	88
65) Chlorobenzene	11.661	112	62166	2.563	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.738	131	21619	2.477	ug/l	94
67) Ethyl Benzene	11.738	91	96980	2.271	ug/l	95
68) m/p-Xylenes	11.850	106	69920	4.223	ug/l	99
69) o-Xylene	12.173	106	32656	2.170	ug/l	97
70) Styrene	12.185	104	49441	1.895	ug/l	96
71) Bromoform	12.355	173	10688	2.522	ug/l #	100
73) Isopropylbenzene	12.473	105	81703	2.180	ug/l	100
74) N-amyl acetate	12.279	43	19934	2.585	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.726	83	20712	2.767	ug/l	94
76) 1,2,3-Trichloropropane	12.779	75	23184	4.181	ug/l #	1
77) Bromobenzene	12.749	156	22756	2.695	ug/l	95
78) n-propylbenzene	12.814	91	114226	2.372	ug/l	98
79) 2-Chlorotoluene	12.902	91	66824	2.389	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	69562	2.169	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	255256	139.641	ug/l #	16
82) 4-Chlorotoluene	12.997	91	69292	2.370	ug/l	97
83) tert-Butylbenzene	13.214	119	57652	2.211	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	65784	2.079	ug/l	99
85) sec-Butylbenzene	13.391	105	90433	2.194	ug/l	99
86) p-Isopropyltoluene	13.508	119	65716	1.963	ug/l	95
87) 1,3-Dichlorobenzene	13.508	146	44812	2.528	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	47399	2.683	ug/l	88
89) n-Butylbenzene	13.832	91	68524	2.074	ug/l	99
90) Hexachloroethane	14.096	117	18337	2.585	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	37743	2.467	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2875	2.667	ug/l	85
93) 1,2,4-Trichlorobenzene	15.149	180	21524	2.608	ug/l	95
94) Hexachlorobutadiene	15.249	225	13373	2.648	ug/l	97
95) Naphthalene	15.391	128	35672	2.421	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	18180	2.547	ug/l	95

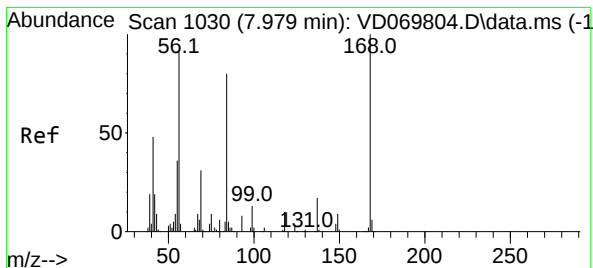
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
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Quant Title : SW846 8260
QLast Update : Thu Jul 29 05:03:28 2021
Response via : Initial Calibration

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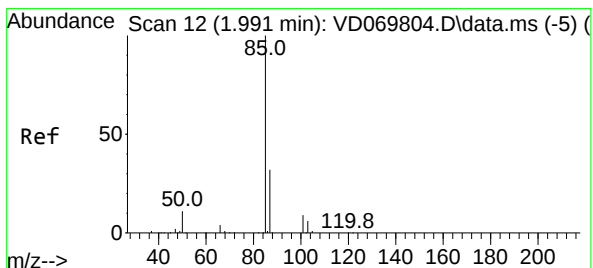
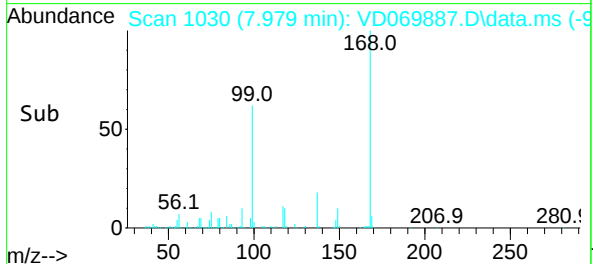
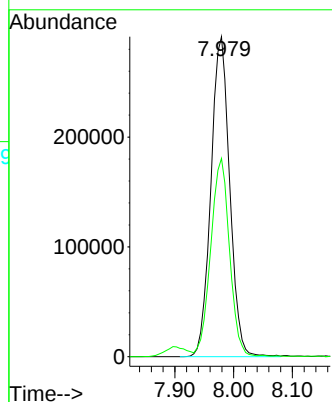
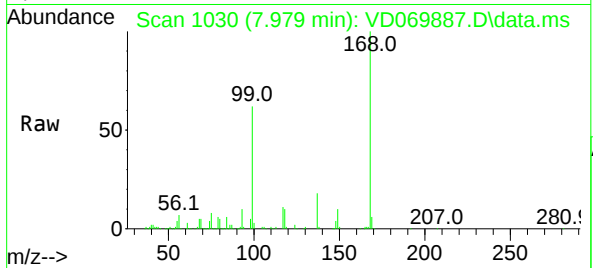
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

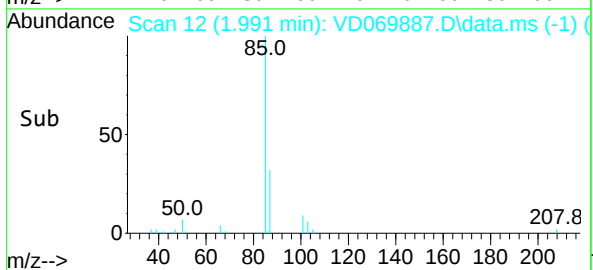
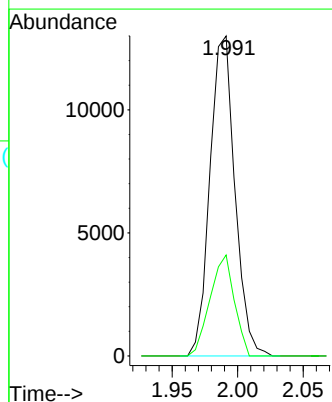
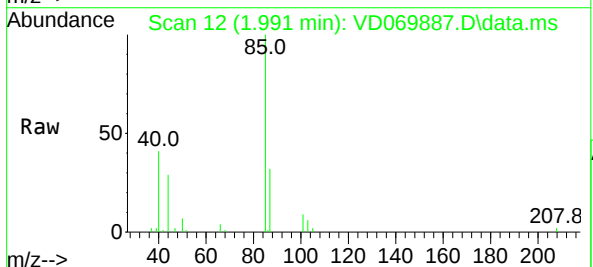
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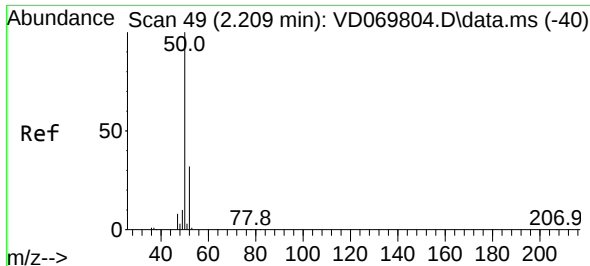
Tgt Ion:168 Resp: 647309
Ion Ratio Lower Upper
168 100
99 61.8 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 2.526 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 85 Resp: 17213
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.3

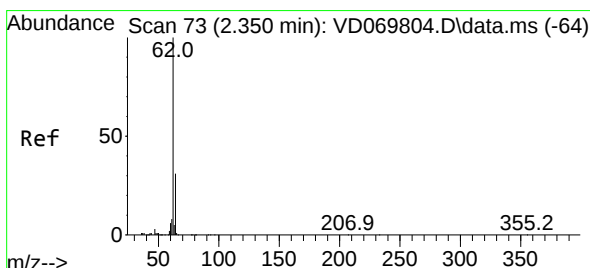
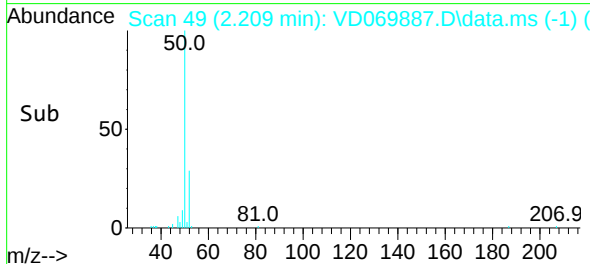
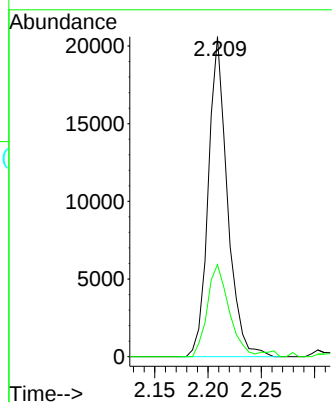
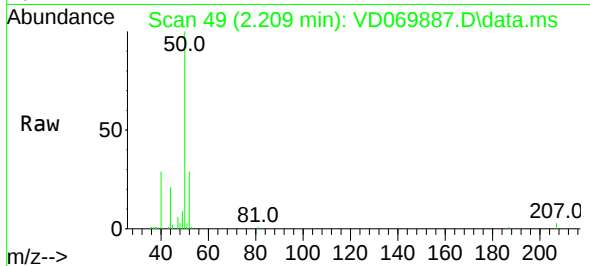




#3
Chloromethane
Concen: 2.599 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

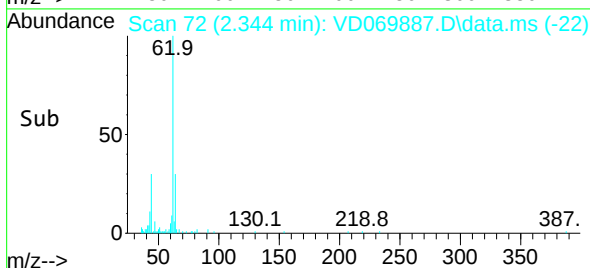
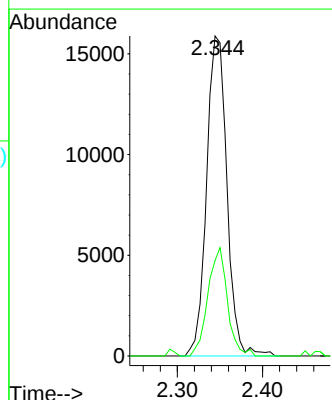
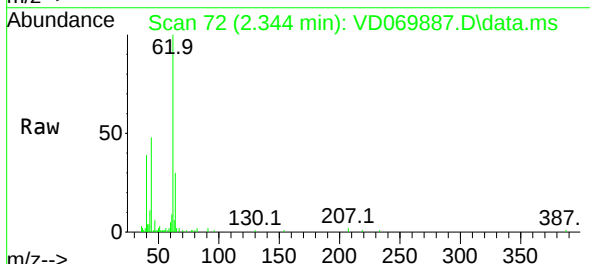
Instrument :
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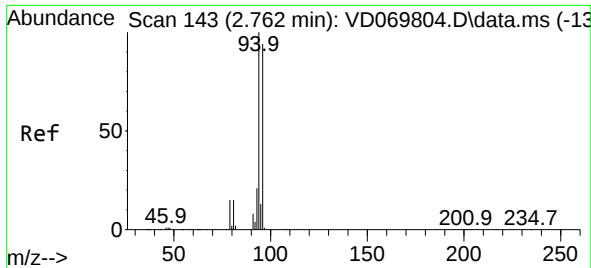
Tgt Ion: 50 Resp: 25687
Ion Ratio Lower Upper
50 100
52 28.7 25.7 38.5



#4
Vinyl Chloride
Concen: 2.536 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 62 Resp: 26360
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.4

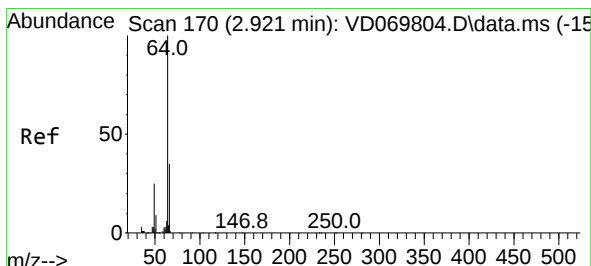
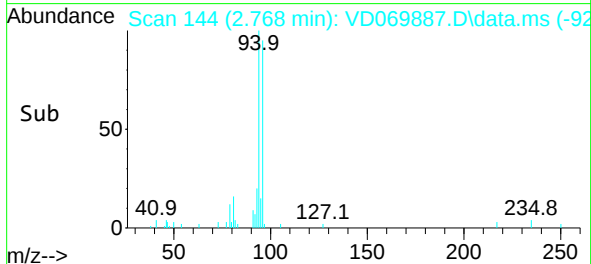
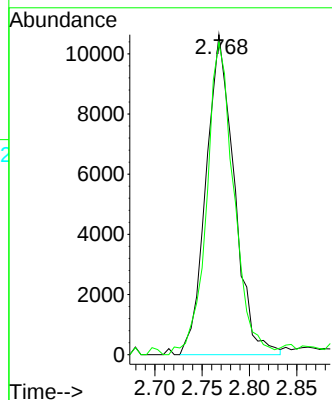
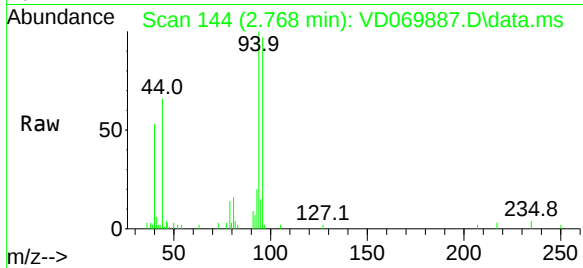




#5
Bromomethane
Concen: 3.240 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

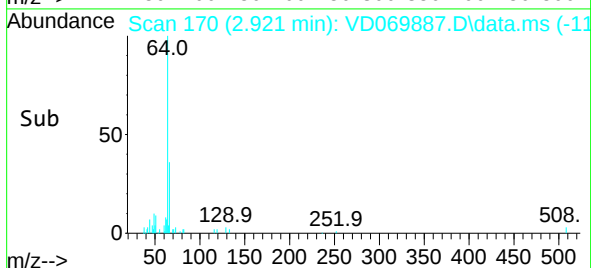
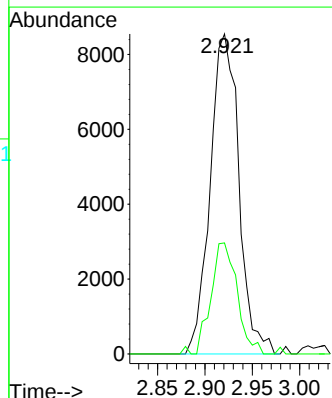
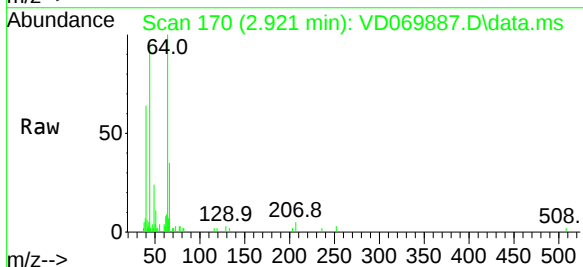
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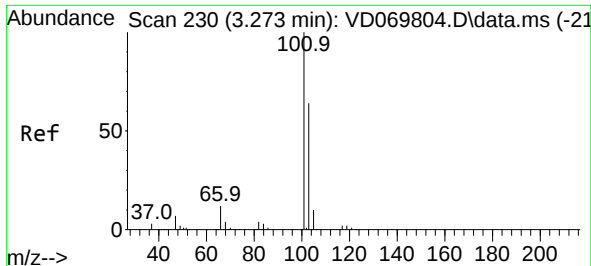
Tgt Ion: 94 Resp: 22057
Ion Ratio Lower Upper
94 100
96 95.4 74.8 112.2



#6
Chloroethane
Concen: 2.674 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 64 Resp: 18017
Ion Ratio Lower Upper
64 100
66 34.7 27.8 41.6

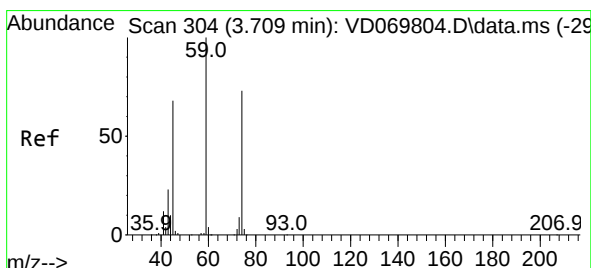
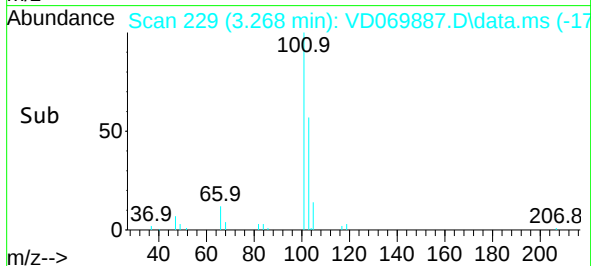
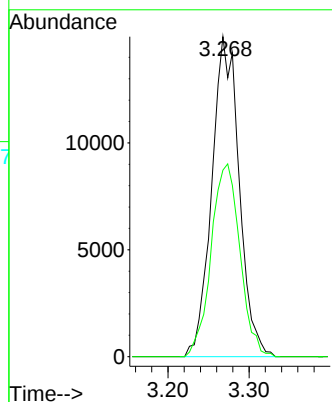
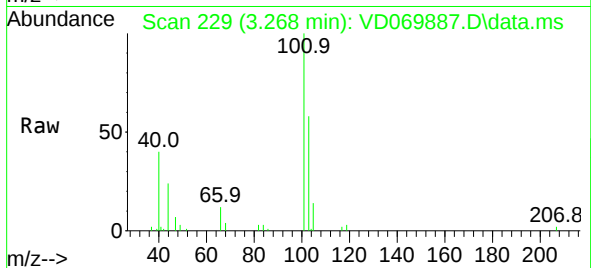




#7
 Trichlorofluoromethane
 Concen: 2.735 ug/l
 RT: 3.268 min Scan# 229
 Delta R.T. -0.006 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

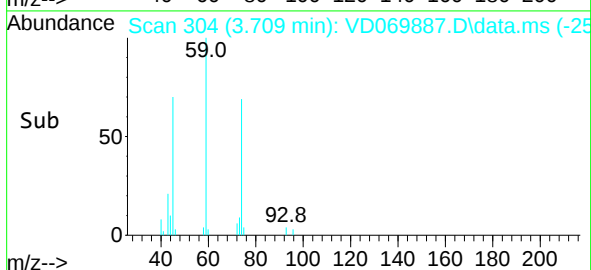
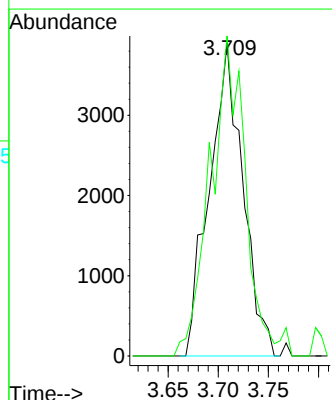
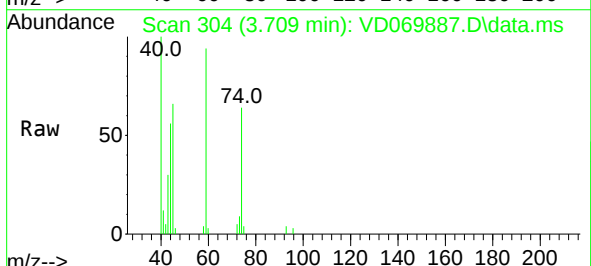
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT3-2021

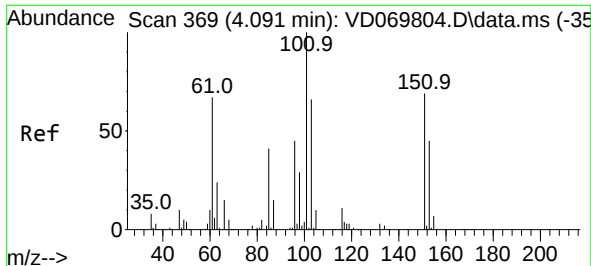
Tgt Ion:101 Resp: 35103
 Ion Ratio Lower Upper
 101 100
 103 58.3 51.3 76.9



#8
 Diethyl Ether
 Concen: 2.500 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

Tgt Ion: 74 Resp: 9024
 Ion Ratio Lower Upper
 74 100
 45 107.6 46.8 140.4

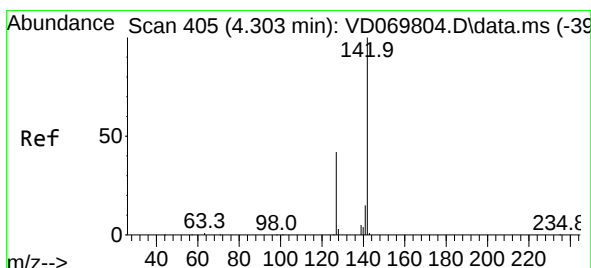
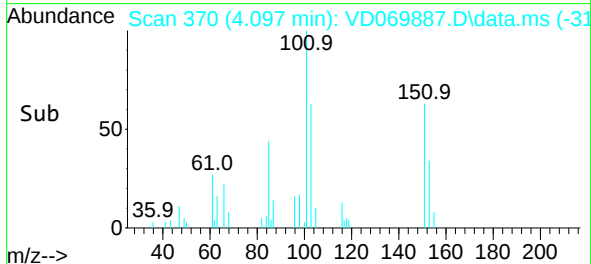
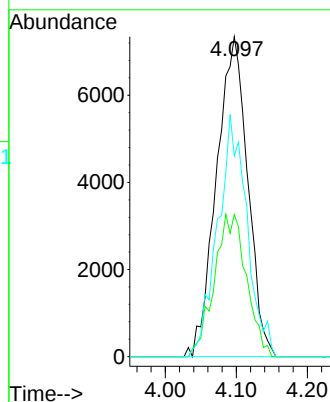
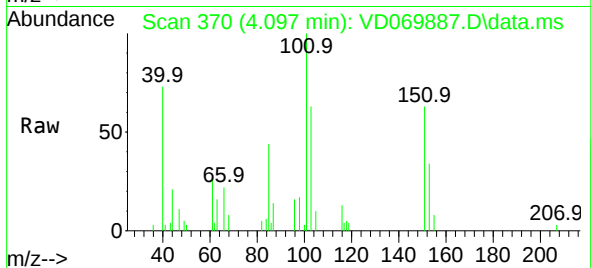




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.752 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

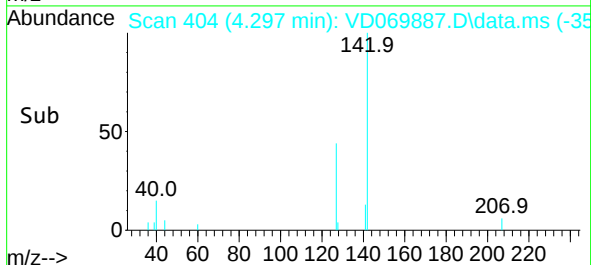
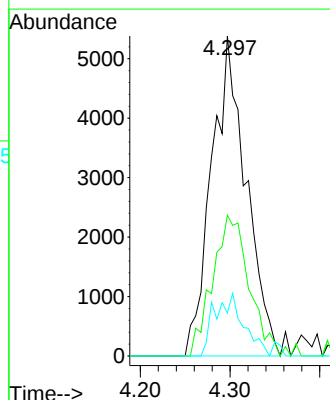
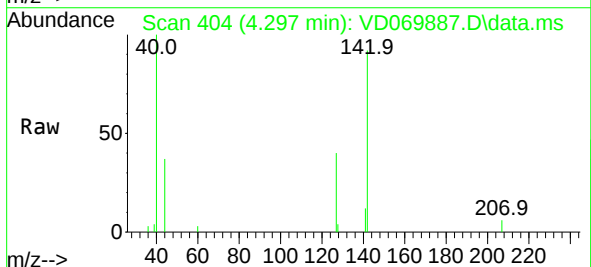
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

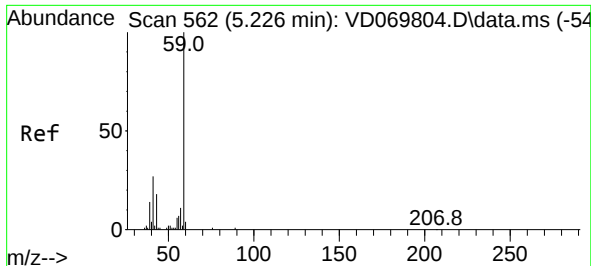
Tgt Ion:101	Resp:	22426
Ion Ratio	Lower	Upper
101	100	
85	45.9	34.7 52.1
151	71.0	55.4 83.0



#10
Methyl Iodide
Concen: 2.019 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:142	Resp:	14378
Ion Ratio	Lower	Upper
142	100	
127	46.3	35.7 53.5
141	16.4	12.0 18.0



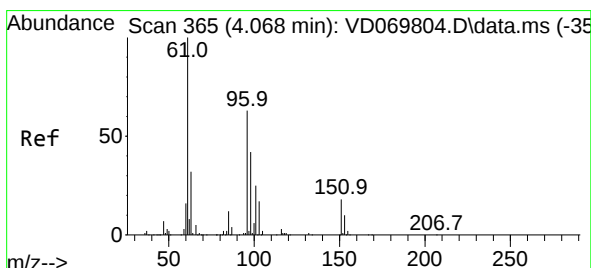
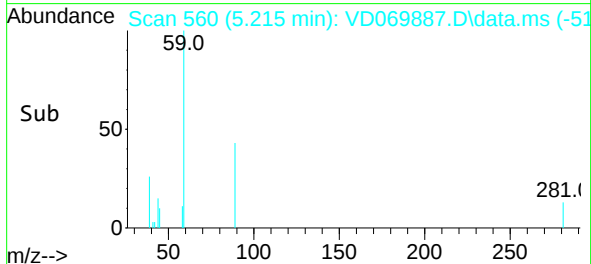
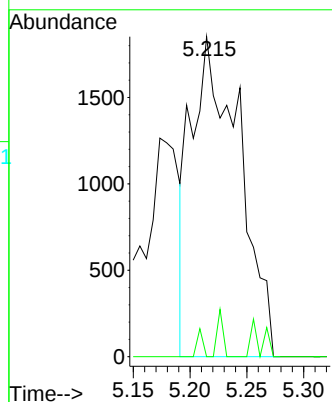
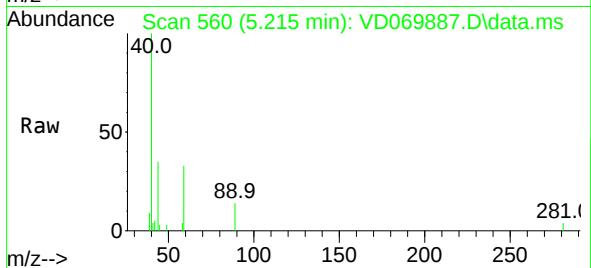


#11

Tert butyl alcohol
Concen: 14.179 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

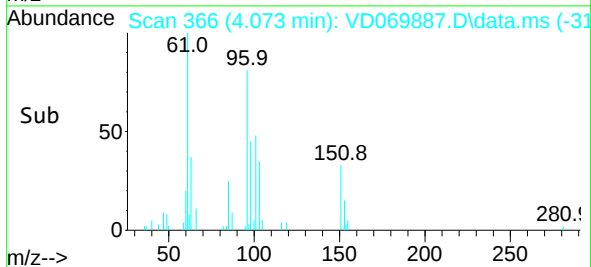
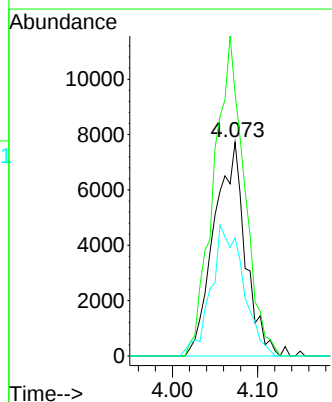
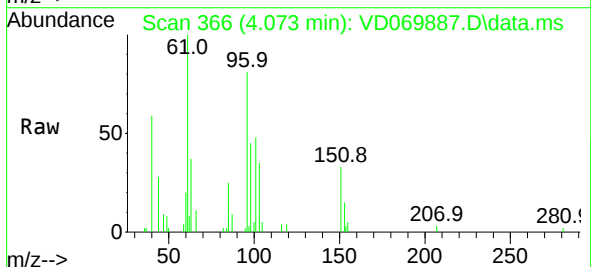
Tgt Ion: 59 Resp: 5462
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

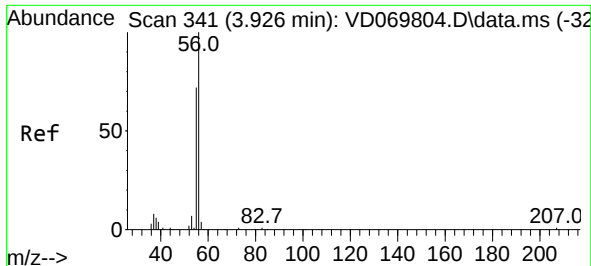


#12

1,1-Dichloroethene
Concen: 2.654 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 96 Resp: 19654
Ion Ratio Lower Upper
96 100
61 123.0 126.9 190.3#
98 55.2 53.2 79.8

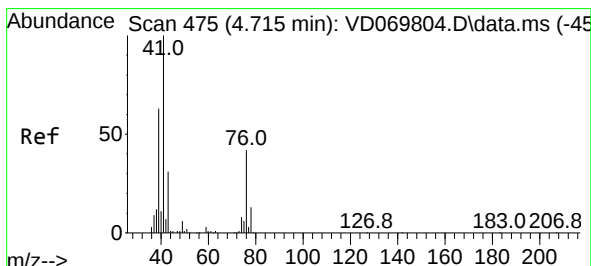
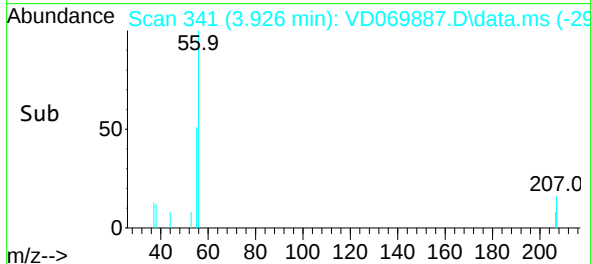
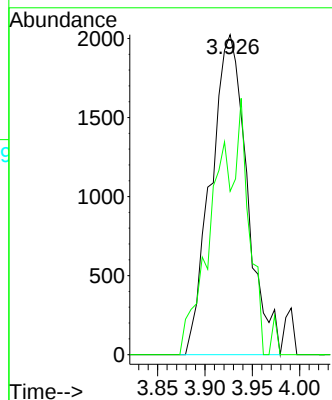
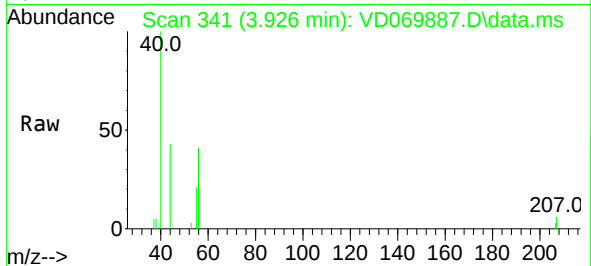




#13
Acrolein
Concen: 10.014 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

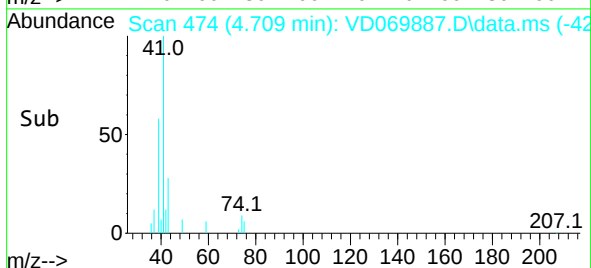
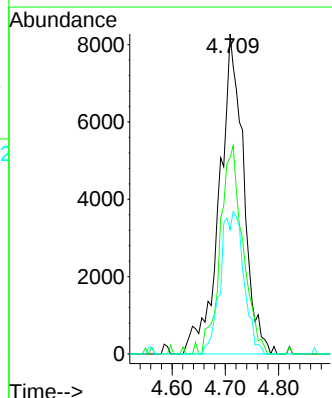
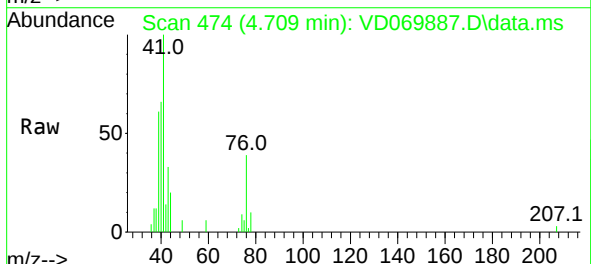
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

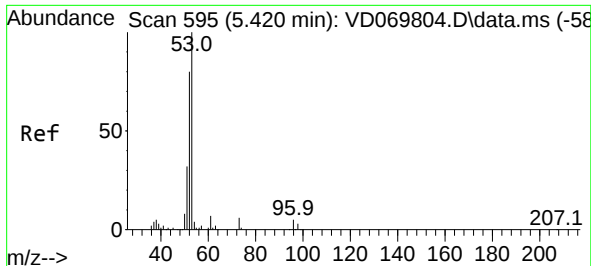
Tgt Ion: 56 Resp: 5400
Ion Ratio Lower Upper
56 100
55 43.1 57.2 85.8#



#14
Allyl chloride
Concen: 2.405 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 41 Resp: 26116
Ion Ratio Lower Upper
41 100
39 60.7 49.8 74.6
76 43.0 31.8 47.8

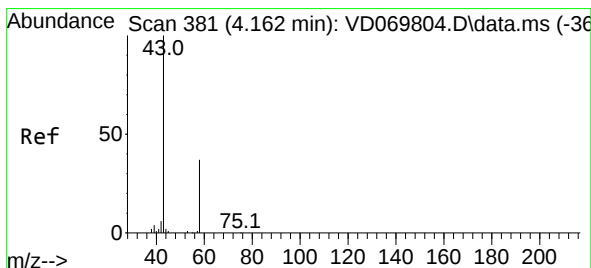
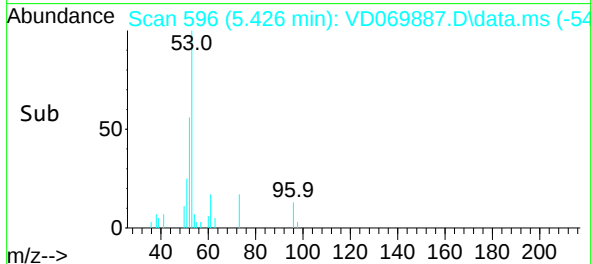
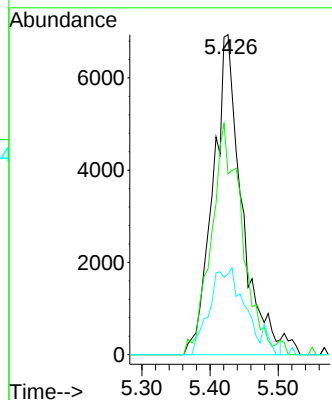
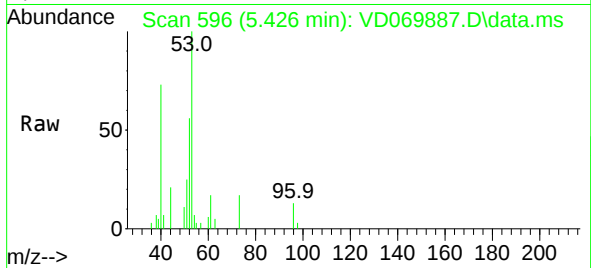




#15
Acrylonitrile
Concen: 11.931 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

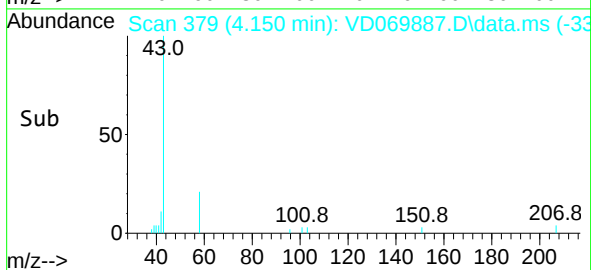
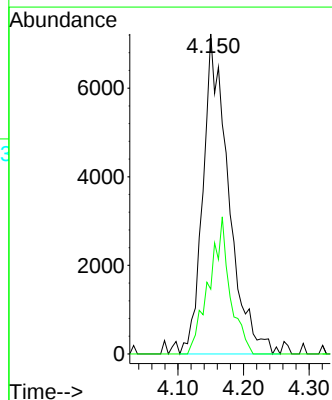
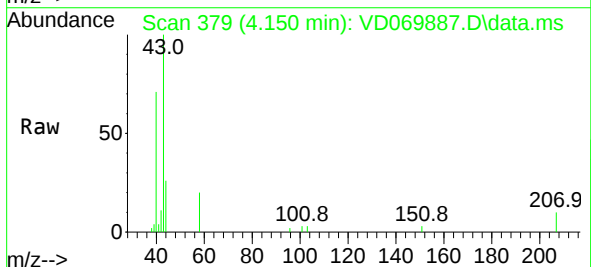
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

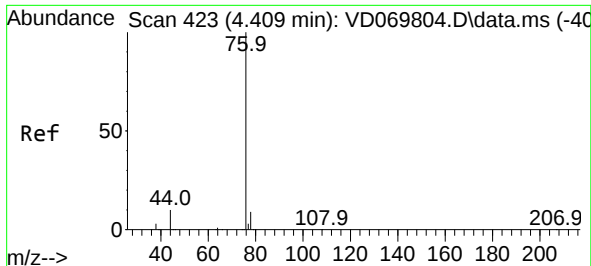
Tgt Ion:	53	Resp:	20260
Ion	Ratio	Lower	Upper
53	100		
52	76.9	65.3	97.9
51	32.3	28.3	42.5



#16
Acetone
Concen: 14.525 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

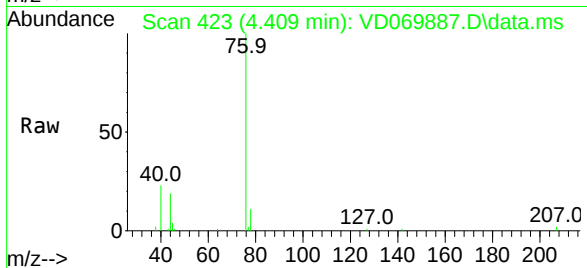
Tgt Ion:	43	Resp:	19534
Ion	Ratio	Lower	Upper
43	100		
58	20.2	29.4	44.0#



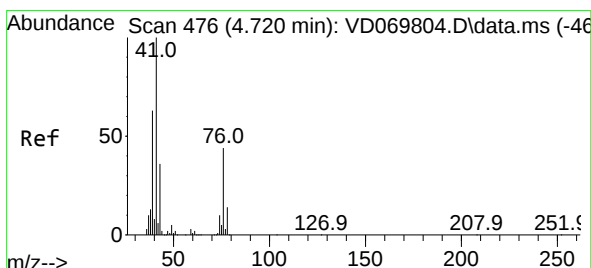
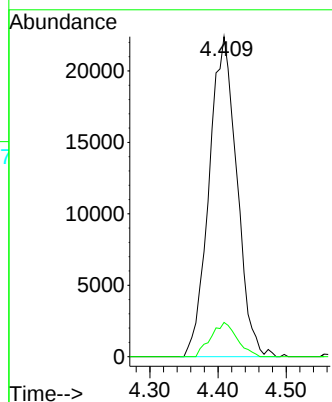
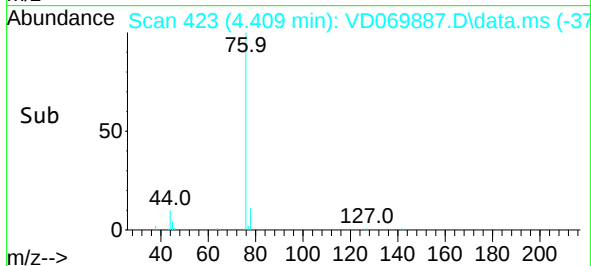


#17
Carbon Disulfide
Concen: 2.399 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

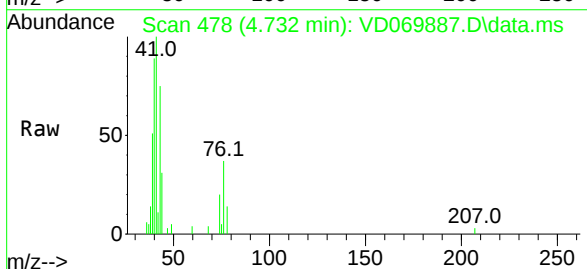
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



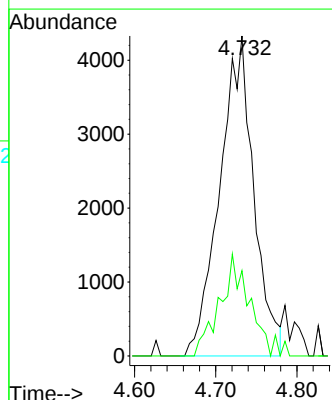
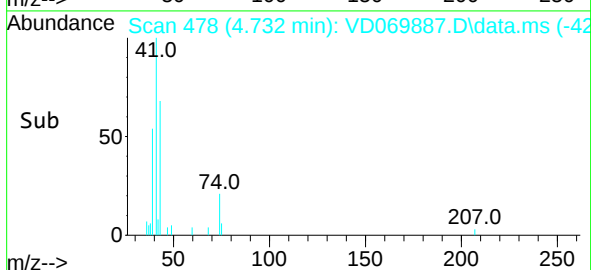
Tgt Ion: 76 Resp: 63516
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

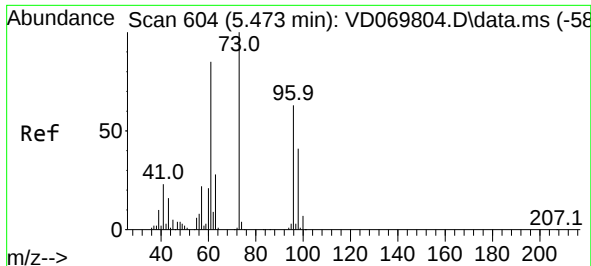


#18
Methyl Acetate
Concen: 3.218 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.012 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28



Tgt Ion: 43 Resp: 12556
Ion Ratio Lower Upper
43 100
74 27.2 21.4 32.2



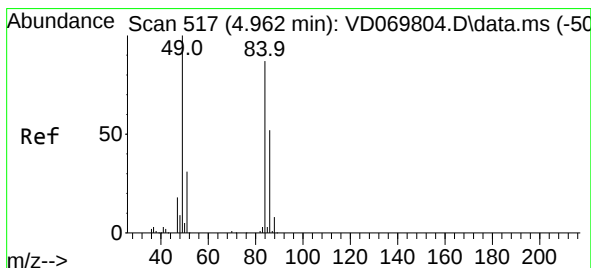
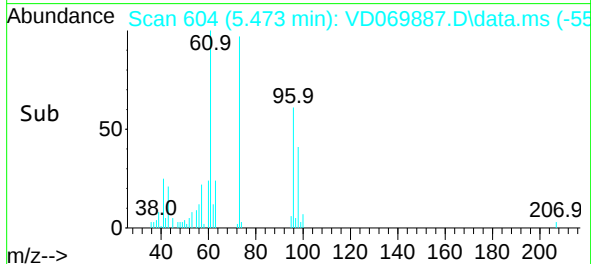
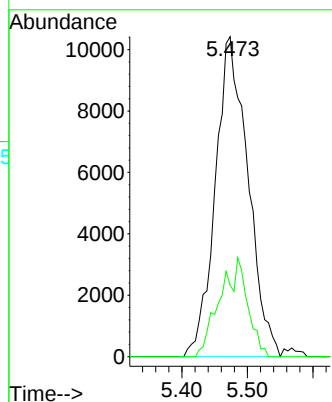
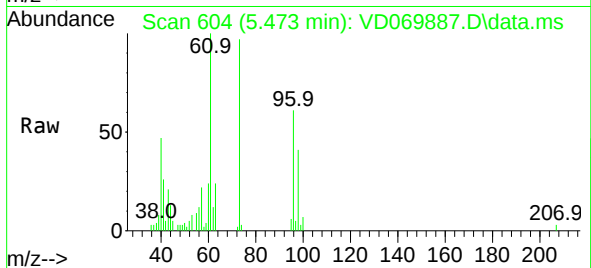


#19

Methyl tert-butyl Ether
 Concen: 2.343 ug/l
 RT: 5.473 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

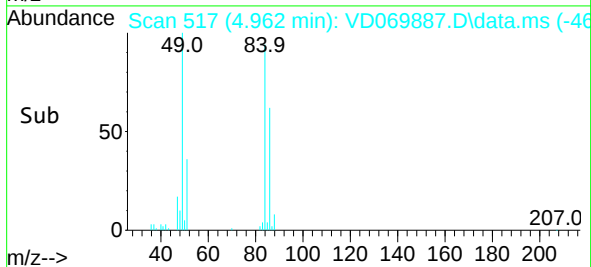
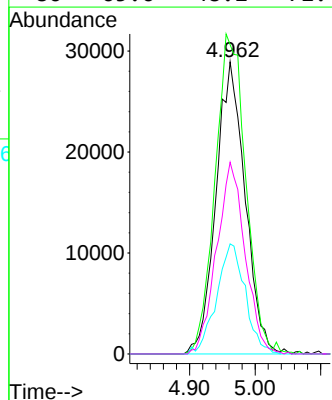
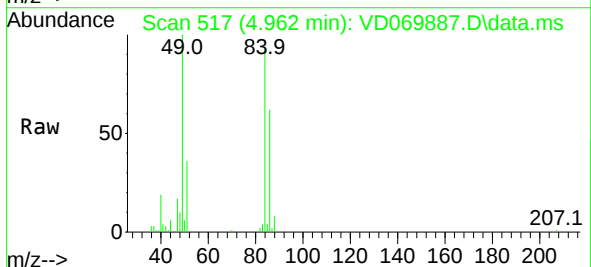
Tgt Ion: 73 Resp: 35948
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

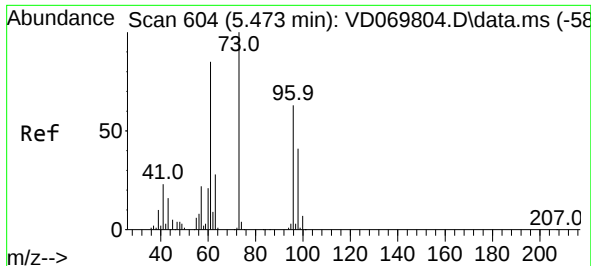


#20

Methylene Chloride
 Concen: 7.269 ug/l
 RT: 4.962 min Scan# 517
 Delta R.T. -0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

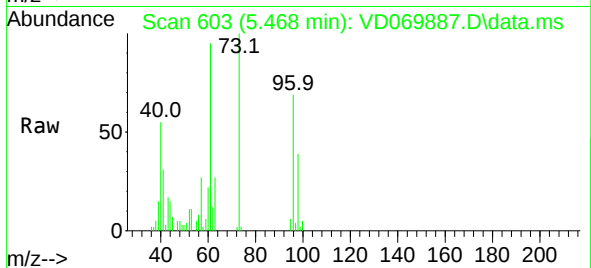
Tgt Ion: 84 Resp: 89041
 Ion Ratio Lower Upper
 84 100
 49 105.9 92.4 138.6
 51 37.7 28.5 42.7
 86 65.6 48.2 72.4



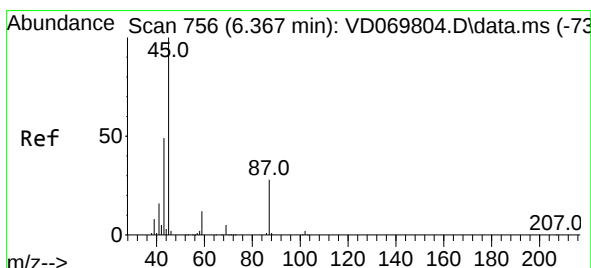
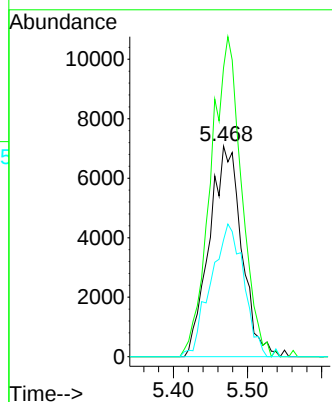
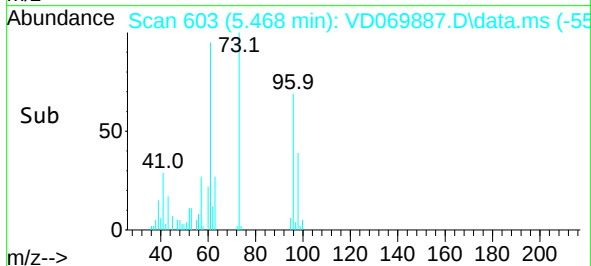


#21
trans-1,2-Dichloroethene
Concen: 2.467 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

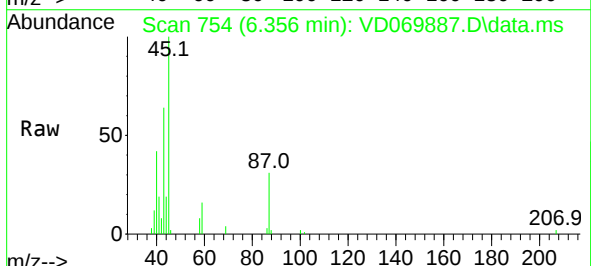
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



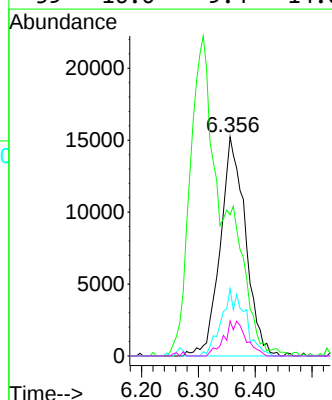
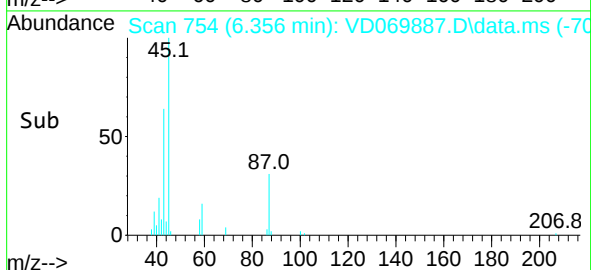
Tgt Ion: 96 Resp: 21531
Ion Ratio Lower Upper
96 100
61 137.2 107.0 160.6
98 55.5 52.3 78.5

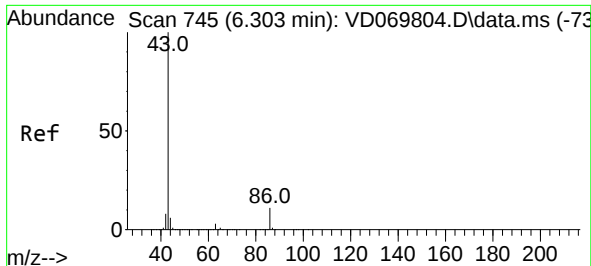


#22
Diisopropyl ether
Concen: 1.991 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28



Tgt Ion: 45 Resp: 46967
Ion Ratio Lower Upper
45 100
43 62.8 39.2 58.8#
87 30.8 22.3 33.5
59 16.0 9.4 14.0#

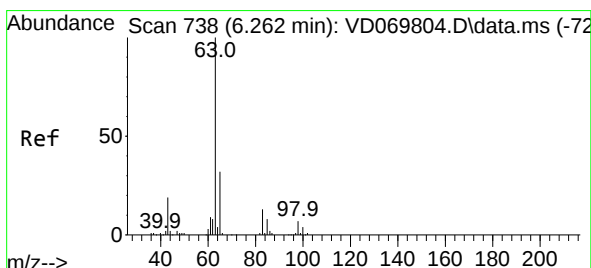
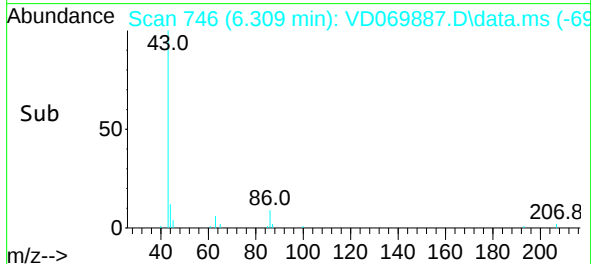
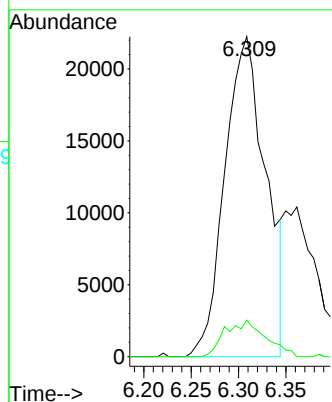
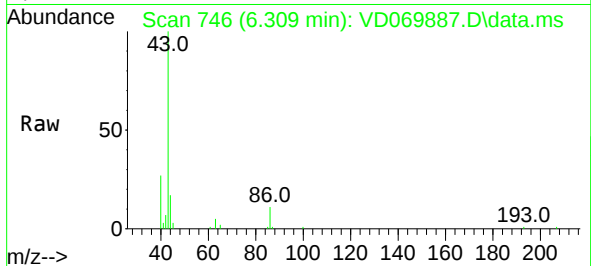




#23
 Vinyl Acetate
 Concen: 5.910 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

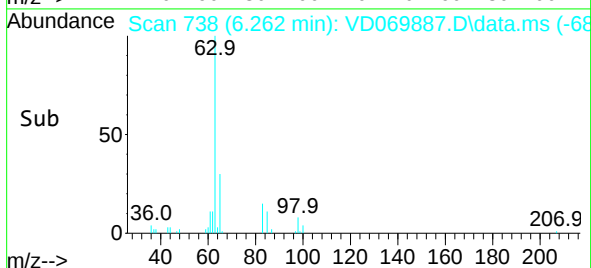
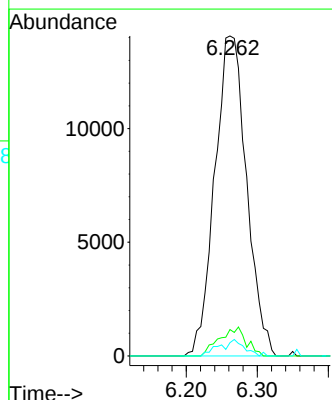
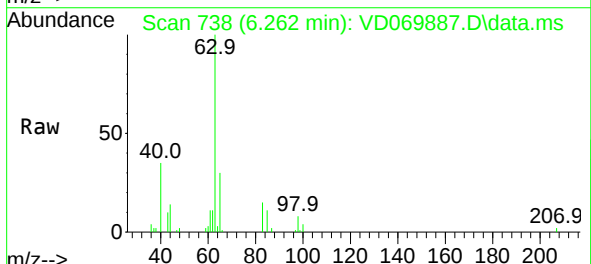
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

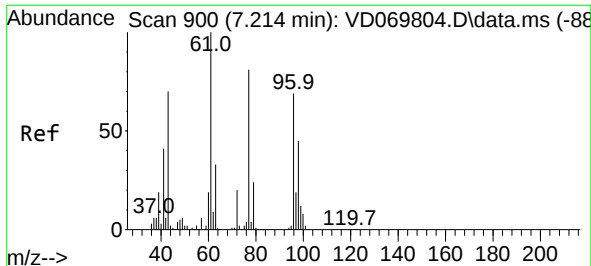
Tgt Ion: 43 Resp: 66799
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 2.685 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

Tgt Ion: 63 Resp: 43765
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.1 2.2 6.6

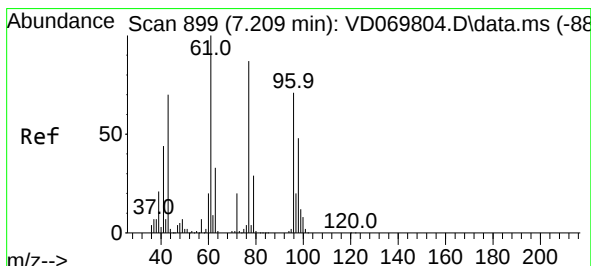
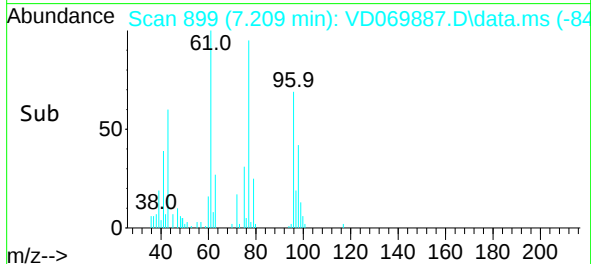
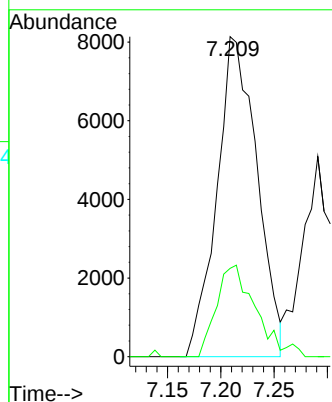
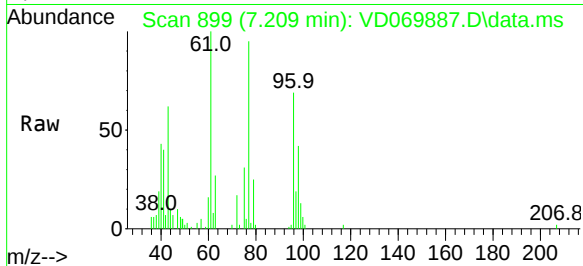




#25
2-Butanone
Concen: 11.685 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

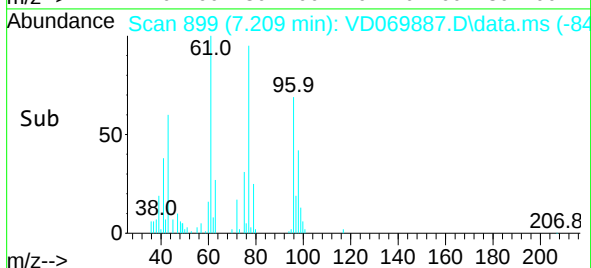
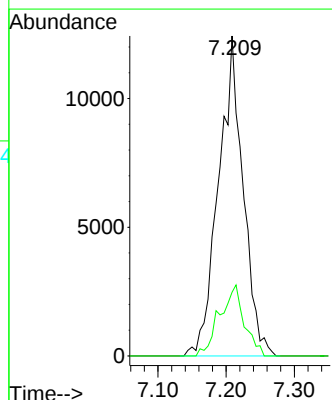
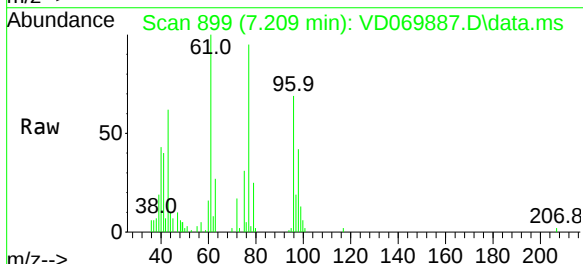
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

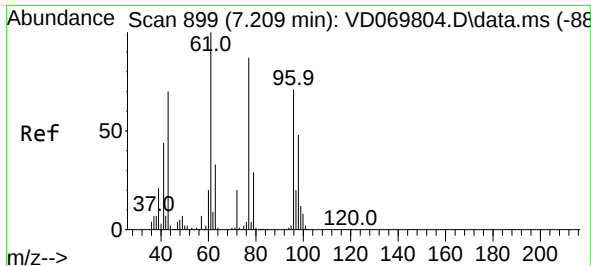
Tgt Ion: 43 Resp: 21310
Ion Ratio Lower Upper
43 100
72 27.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 2.516 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 77 Resp: 31182
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 2.636 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion: 96 Resp: 24546

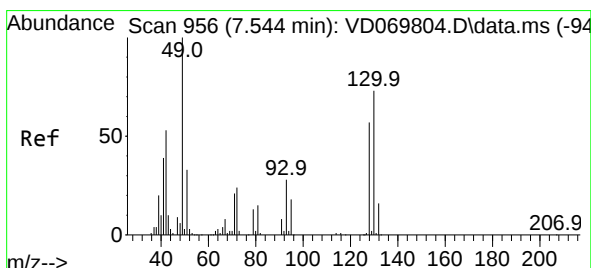
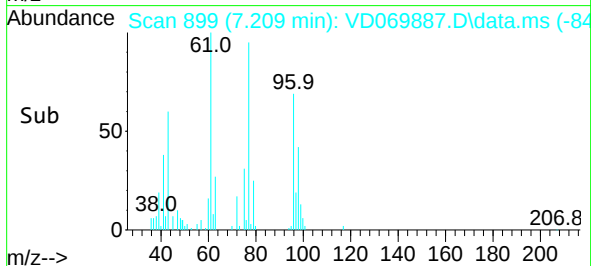
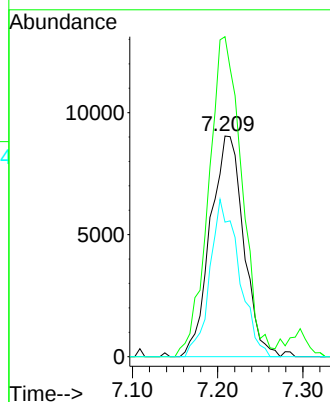
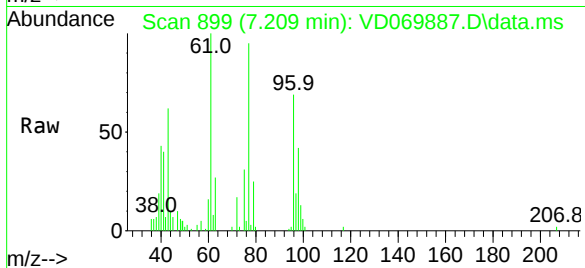
Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	291.6
98	62.6	0.0	132.0

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2021



#28

Bromochloromethane

Concen: 2.406 ug/l

RT: 7.544 min Scan# 956

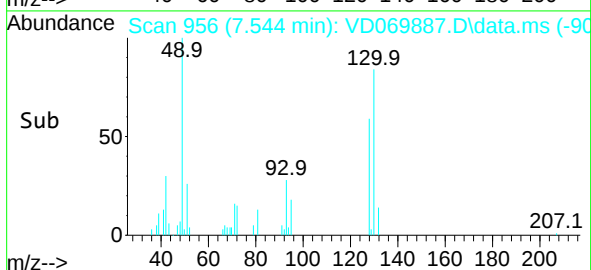
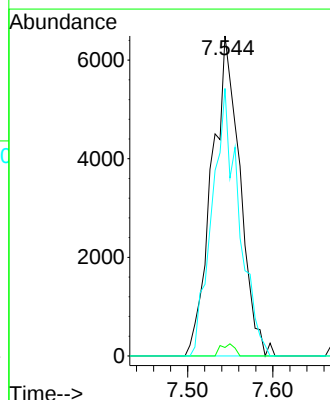
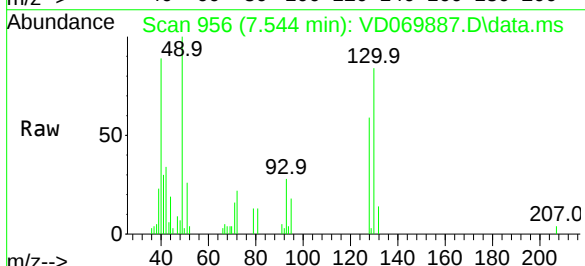
Delta R.T. 0.000 min

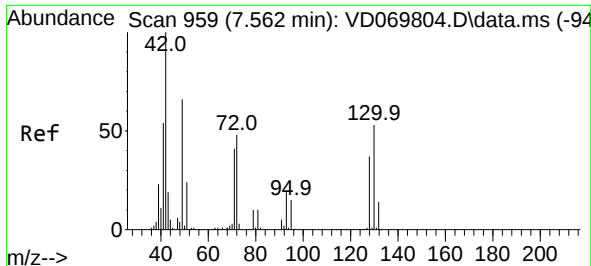
Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion: 49 Resp: 14888

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	80.2	59.6	89.4





#29

Tetrahydrofuran

Concen: 10.621 ug/l

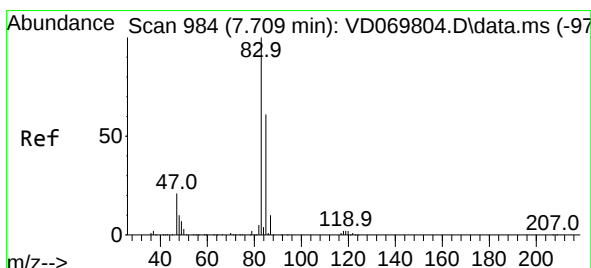
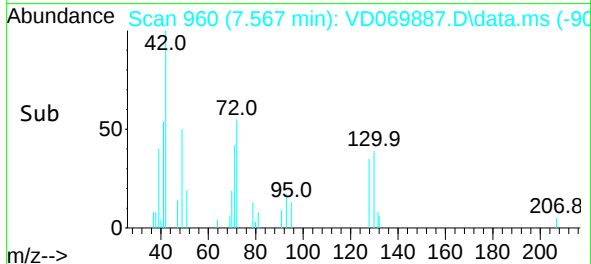
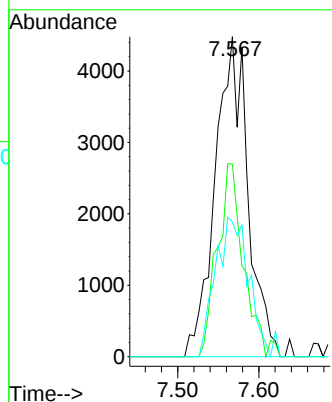
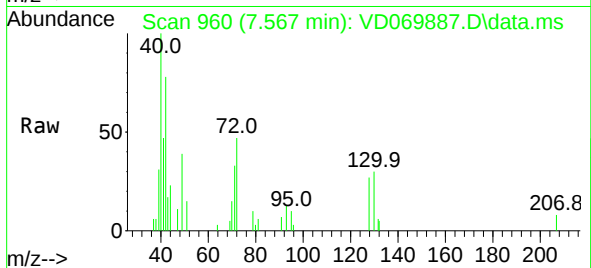
RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion:	42	Resp:	12532
Ion Ratio	Lower	Upper	
42	100		
72	48.5	36.5	54.7
71	43.7	33.5	50.3



#30

Chloroform

Concen: 2.754 ug/l

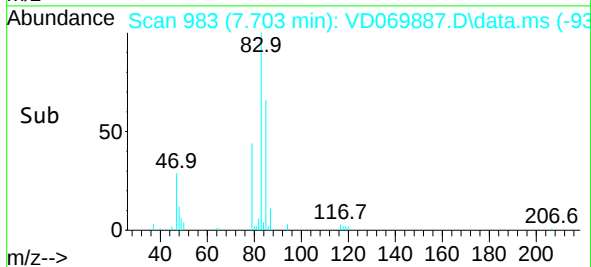
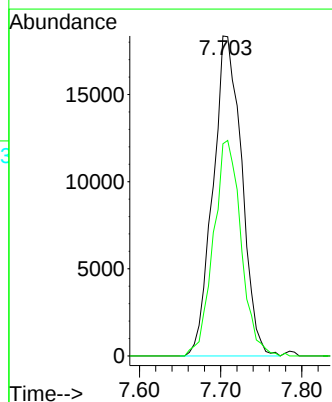
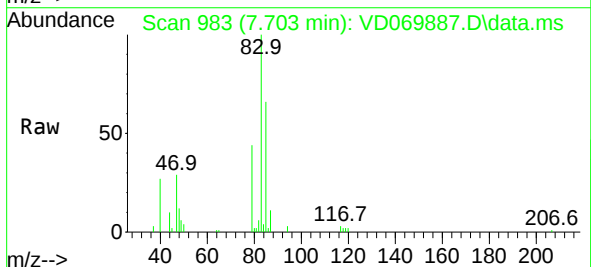
RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

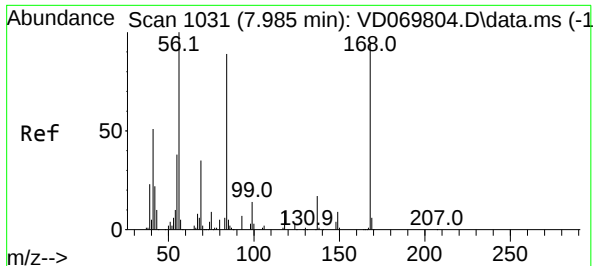
Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion:	83	Resp:	45122
Ion Ratio	Lower	Upper	
83	100		
85	66.3	49.1	73.7



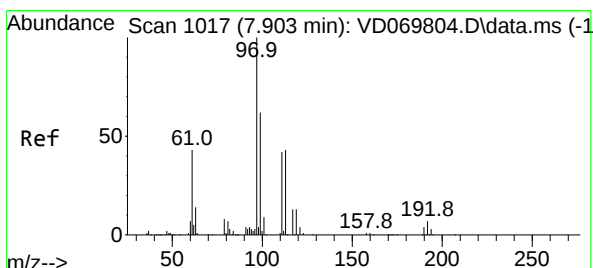
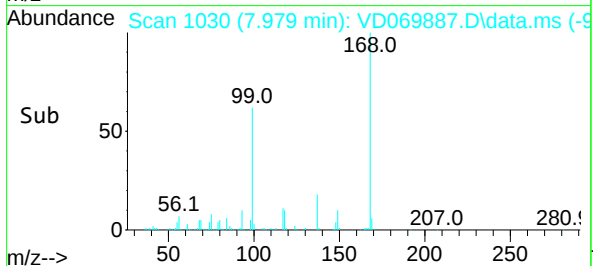
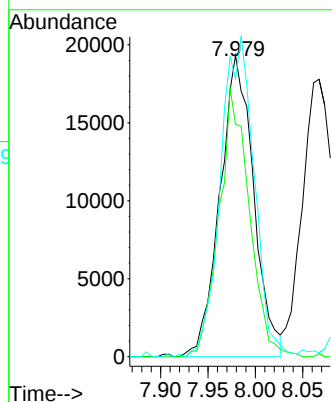
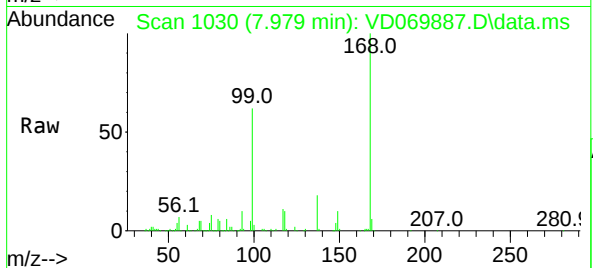
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



#31
Cyclohexane
Concen: 3.277 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

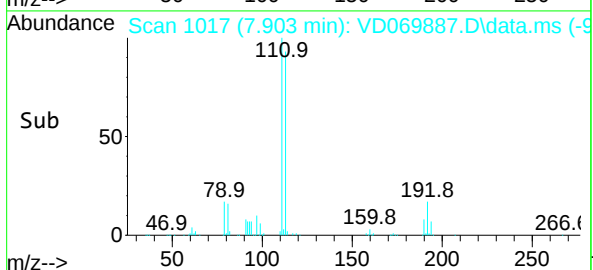
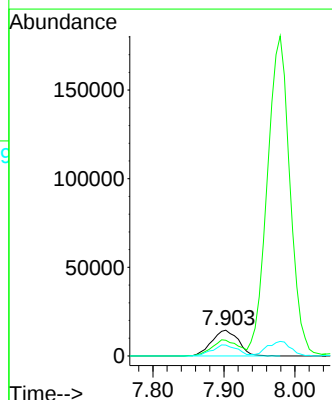
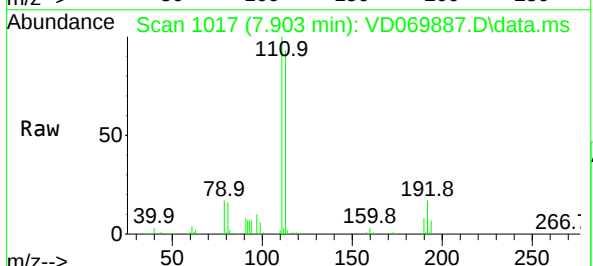
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

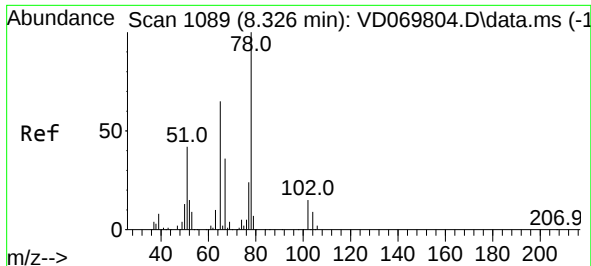
Tgt Ion: 56 Resp: 47672
Ion Ratio Lower Upper
56 100
69 77.1 27.9 41.9#
84 91.4 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 2.791 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

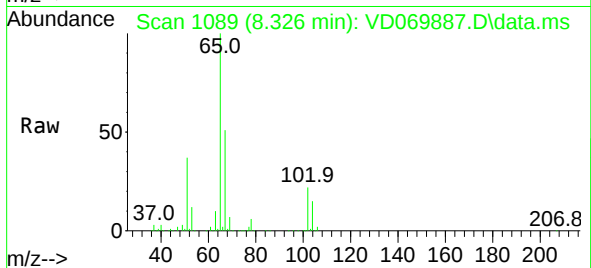
Tgt Ion: 97 Resp: 37854
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 40.8 34.5 51.7



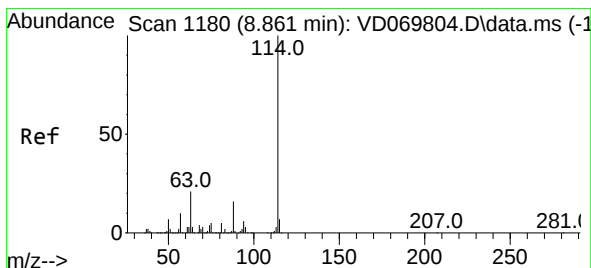
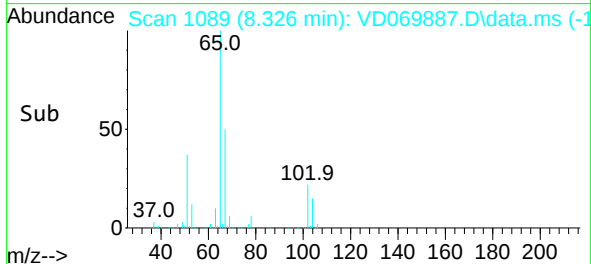
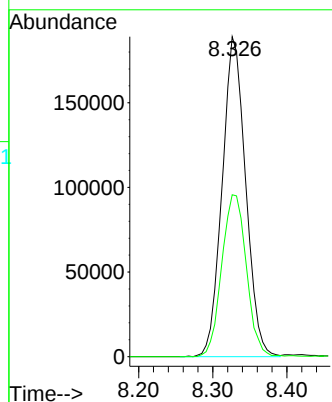


#33
1,2-Dichloroethane-d4
Concen: 55.912 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

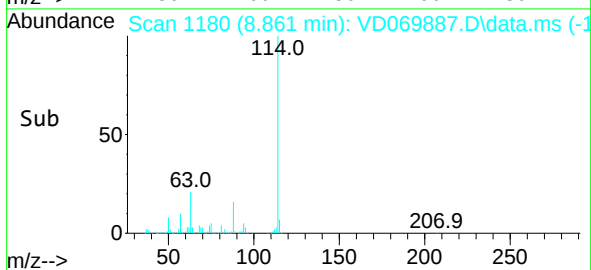
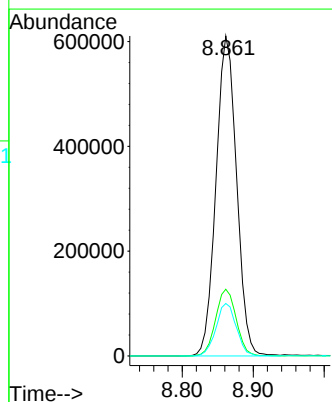
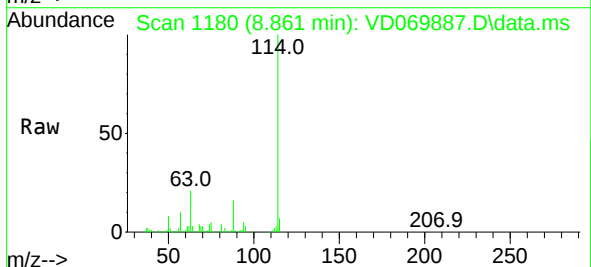


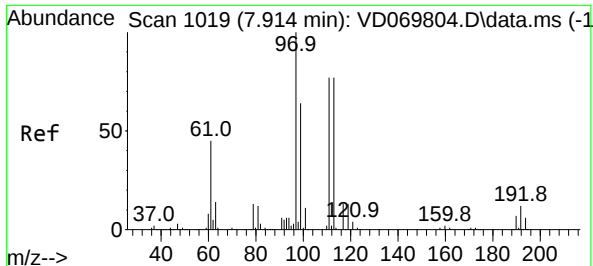
Tgt Ion: 65 Resp: 416245
Ion Ratio Lower Upper
65 100
67 53.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 114 Resp: 1227020
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.151 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

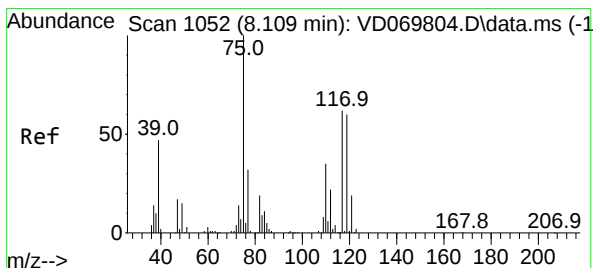
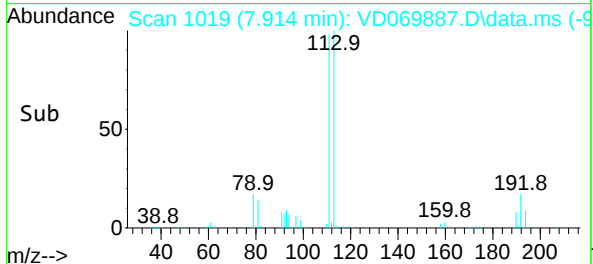
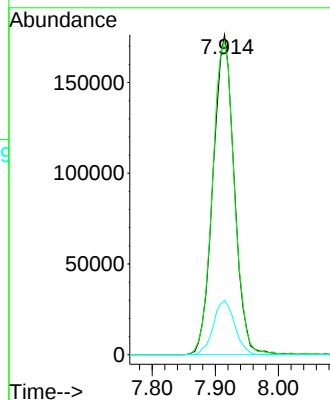
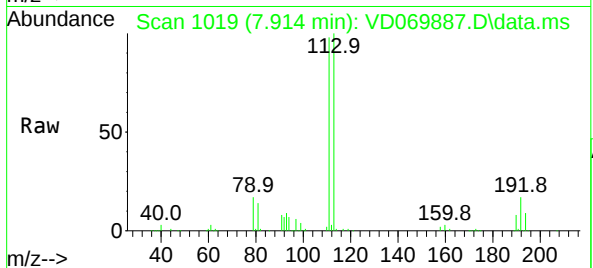
Tgt Ion:113 Resp: 411131

Ion Ratio Lower Upper

113 100

111 101.2 80.5 120.7

192 17.0 12.6 19.0



#36

1,1-Dichloropropene

Concen: 2.298 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

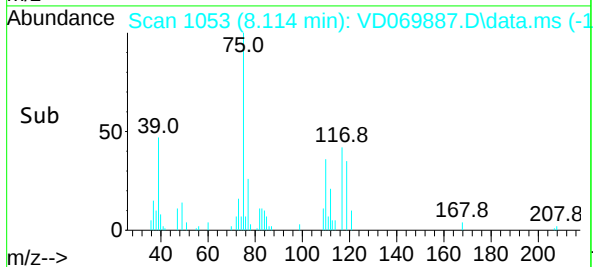
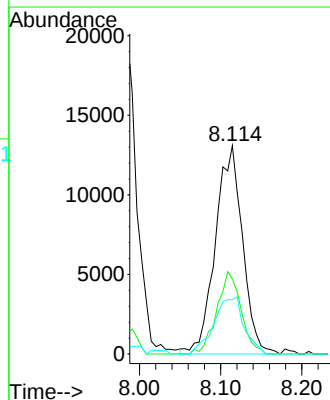
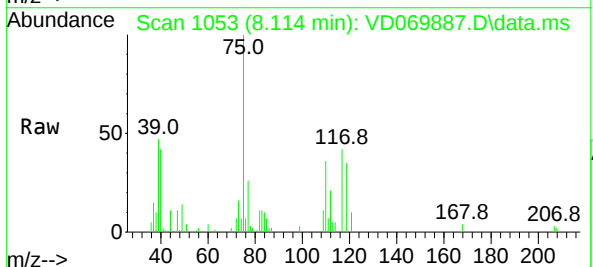
Tgt Ion: 75 Resp: 30433

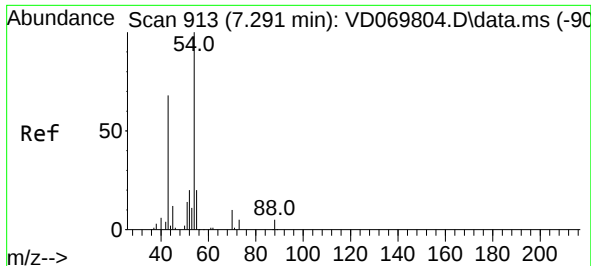
Ion Ratio Lower Upper

75 100

110 35.3 16.9 50.7

77 30.3 24.9 37.3





#37

Ethyl Acetate

Concen: 2.524 ug/l

RT: 7.291 min Scan# 913

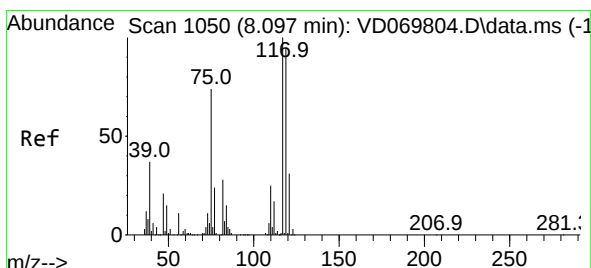
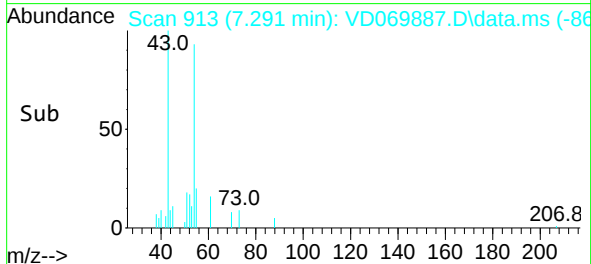
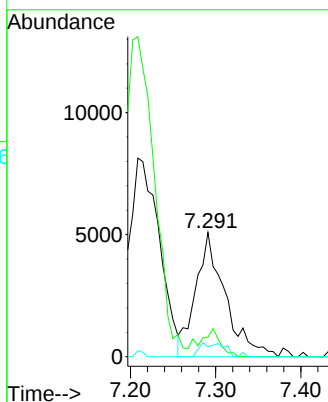
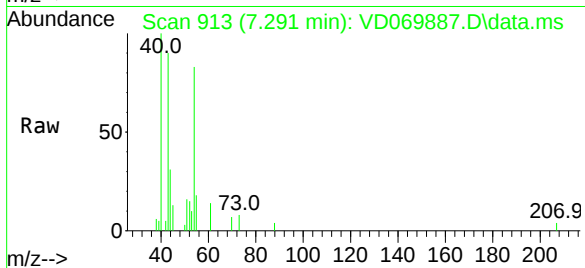
Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion:	43	Resp:	12169
Ion Ratio	Lower	Upper	
43	100		
61	15.4	11.8	17.8
70	5.1	8.9	13.3#



#38

Carbon Tetrachloride

Concen: 2.268 ug/l

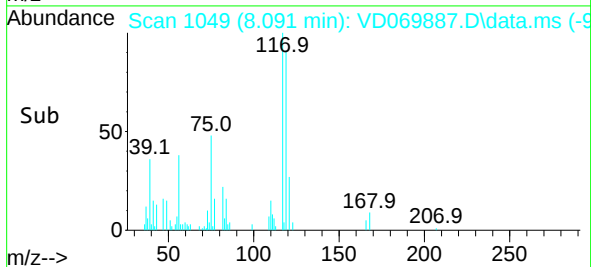
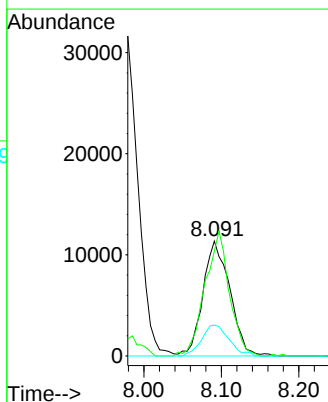
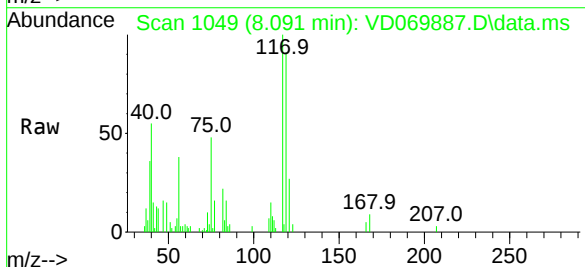
RT: 8.091 min Scan# 1049

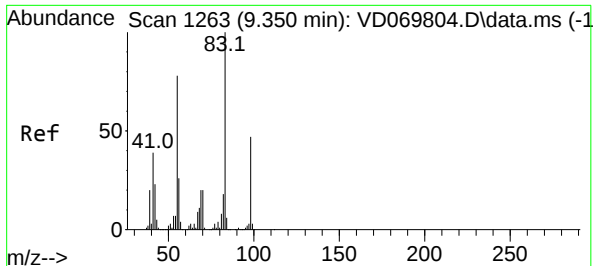
Delta R.T. -0.006 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion:	117	Resp:	27438
Ion Ratio	Lower	Upper	
117	100		
119	91.2	76.2	114.2
121	26.8	24.5	36.7





#39

Methylcyclohexane

Concen: 2.658 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion: 83 Resp: 40308

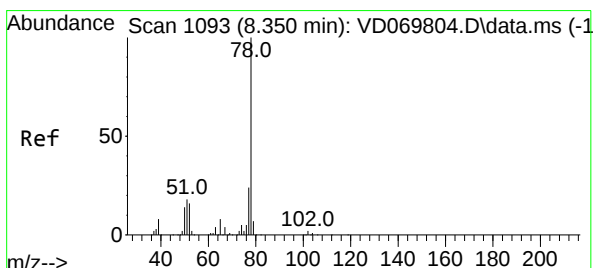
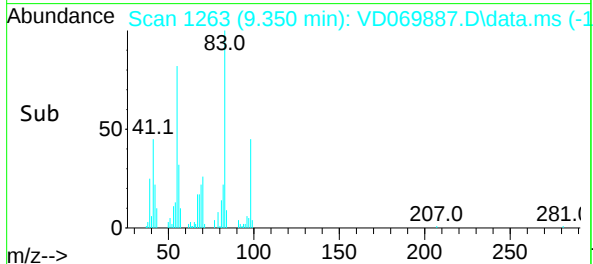
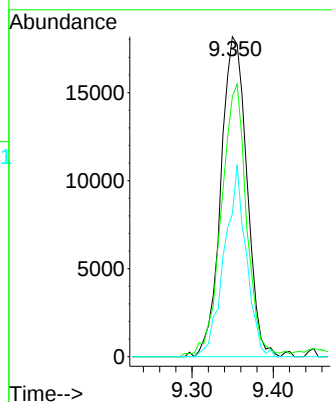
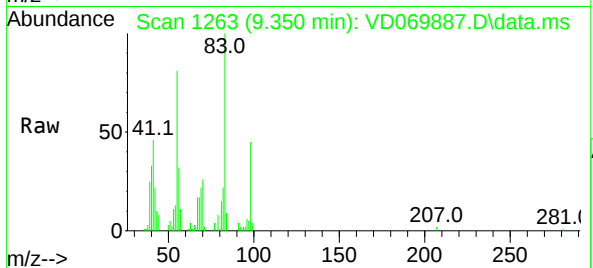
Ion	Ratio	Lower	Upper
83	100		
55	81.2	62.2	93.2
98	44.6	37.8	56.8

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2021



#40

Benzene

Concen: 2.445 ug/l

RT: 8.344 min Scan# 1092

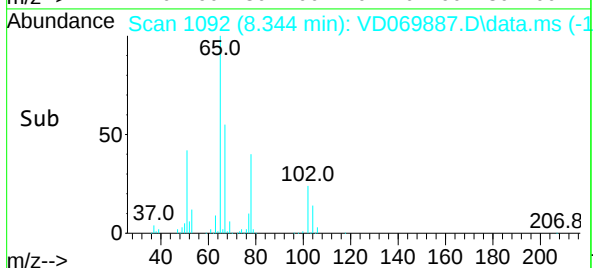
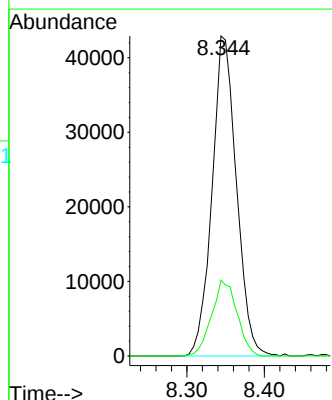
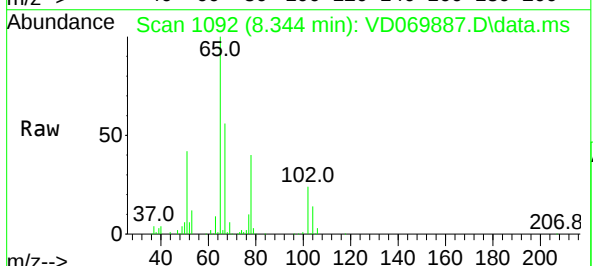
Delta R.T. -0.006 min

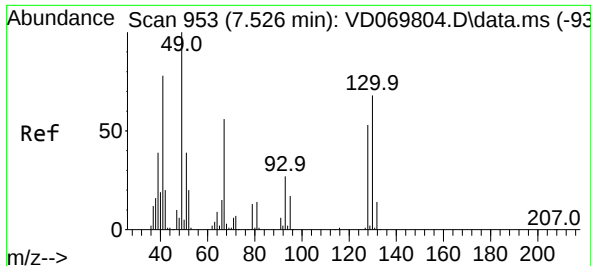
Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion: 78 Resp: 93810

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0

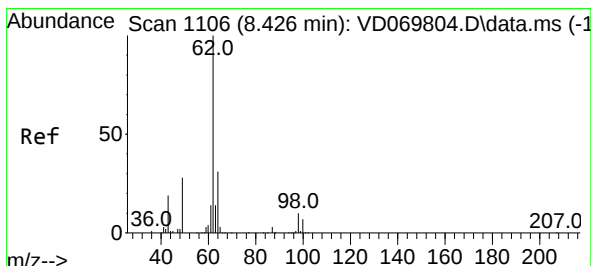
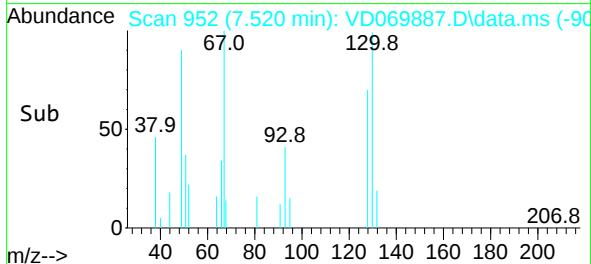
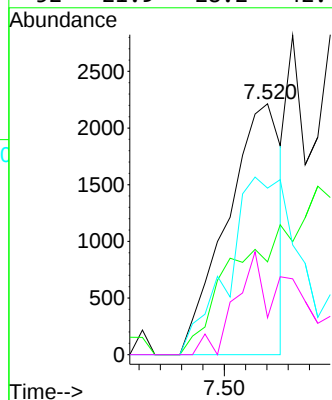
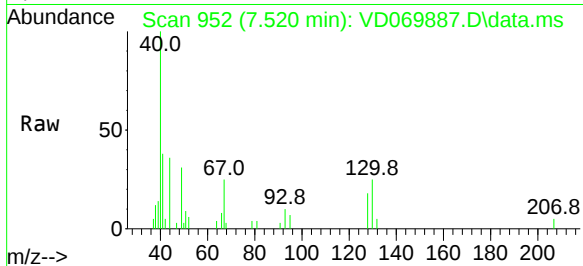




#41
Methacrylonitrile
Concen: 1.548 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

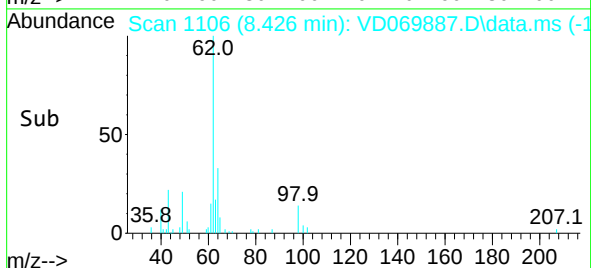
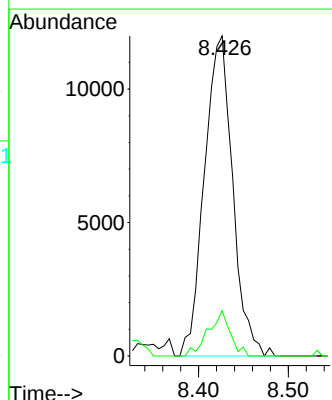
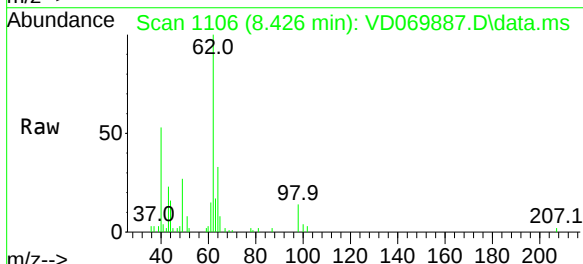
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

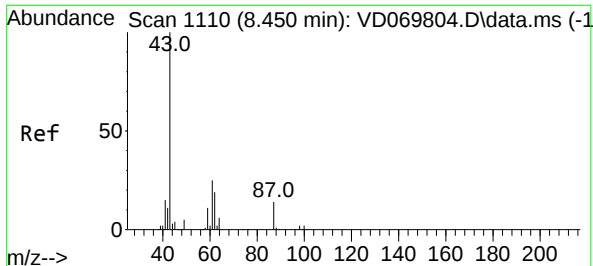
Tgt Ion: 41 Resp: 3915
Ion Ratio Lower Upper
41 100
39 0.0 46.7 70.1#
67 96.8 69.3 103.9
52 21.9 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 2.589 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 62 Resp: 26266
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 2.441 ug/l

RT: 8.450 min Scan# 1110

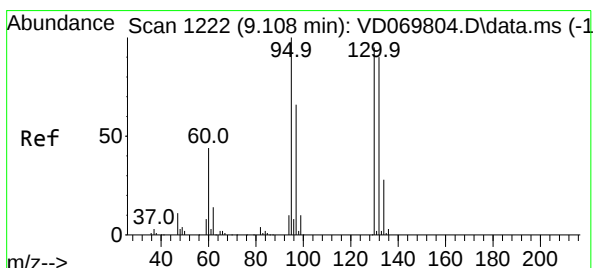
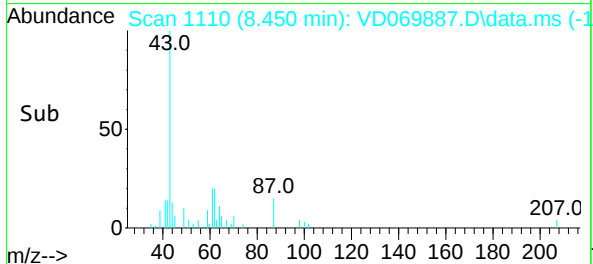
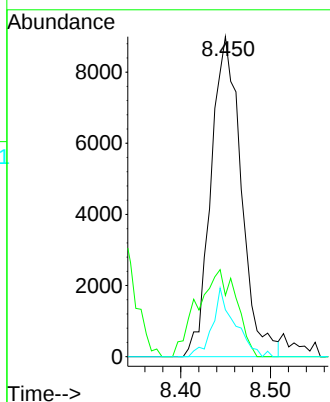
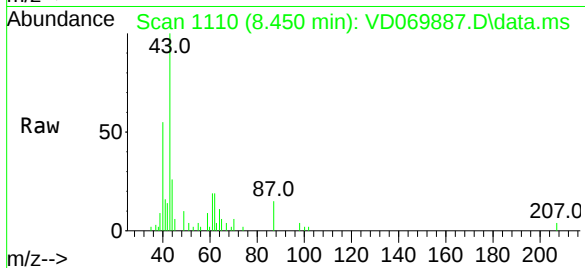
Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion:	43	Resp:	21103
Ion	Ratio	Lower	Upper
43	100		
61	34.9	27.8	41.6
87	15.8	11.3	16.9

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



#44

Trichloroethene

Concen: 2.494 ug/l

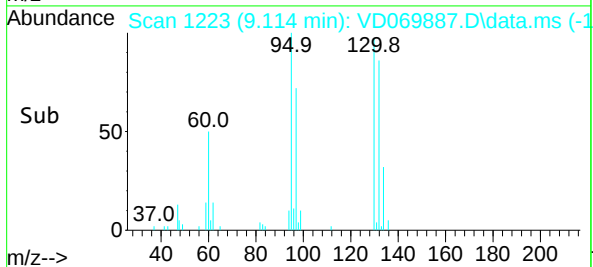
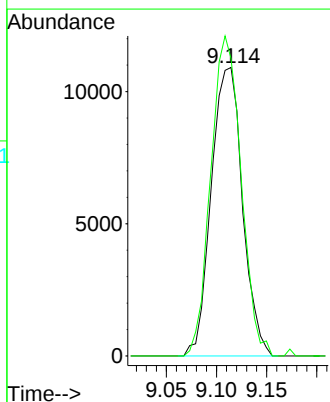
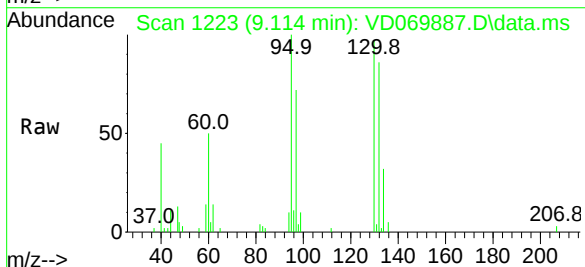
RT: 9.114 min Scan# 1223

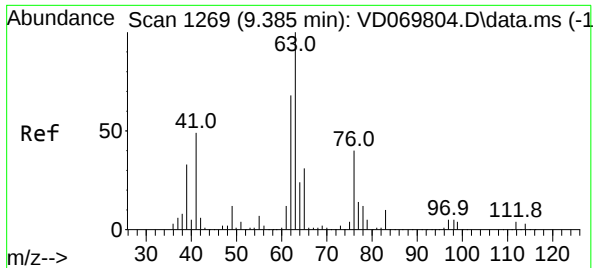
Delta R.T. 0.006 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion:	130	Resp:	23558
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	210.8



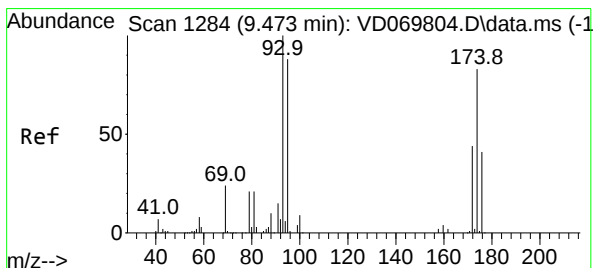
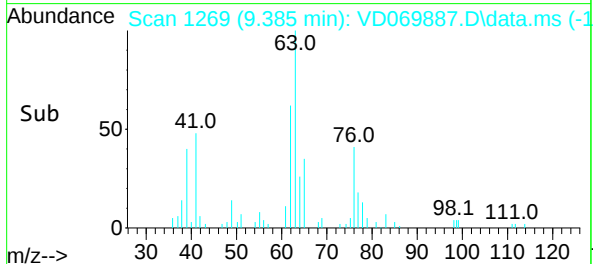
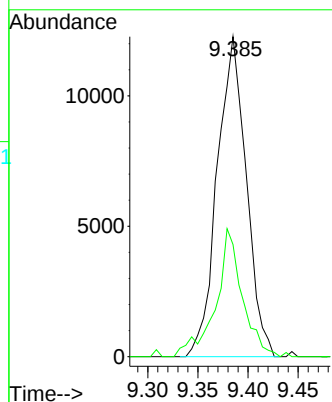
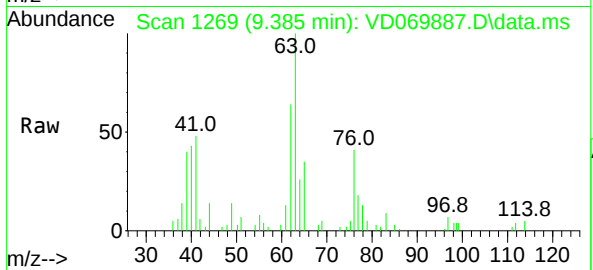


#45

1,2-Dichloropropane
Concen: 2.459 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

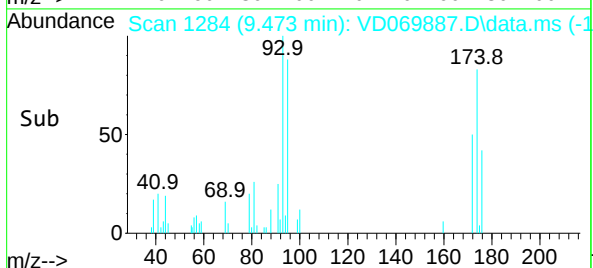
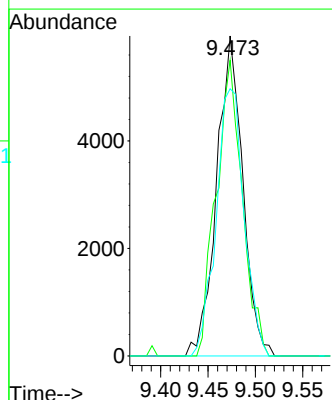
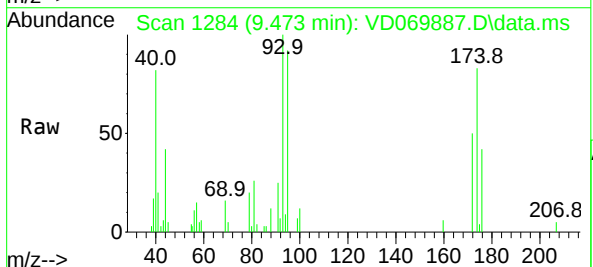
Tgt Ion: 63 Resp: 24780
Ion Ratio Lower Upper
63 100
65 35.1 24.9 37.3

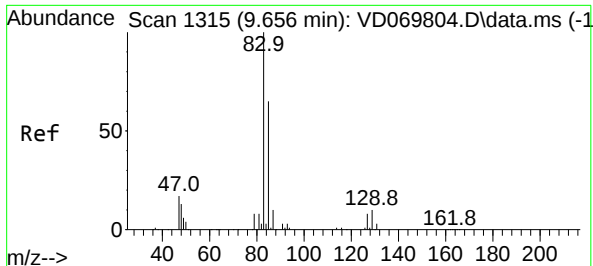


#46

Dibromomethane
Concen: 2.307 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 93 Resp: 11429
Ion Ratio Lower Upper
93 100
95 92.6 67.5 101.3
174 89.5 66.3 99.5

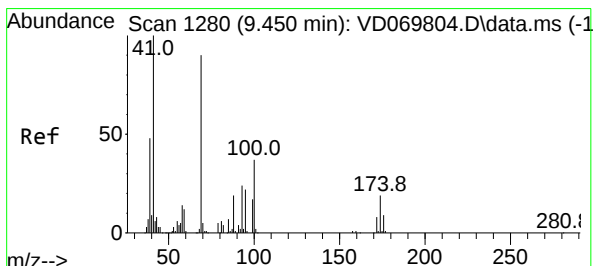
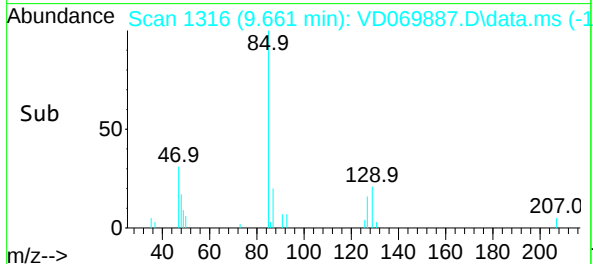
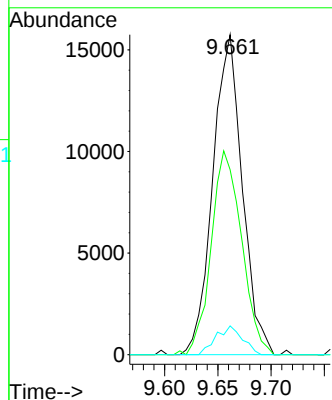
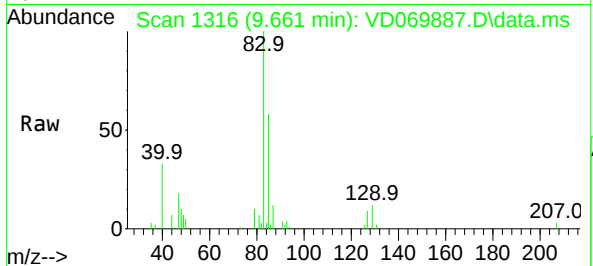




#47
Bromodichloromethane
Concen: 2.354 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

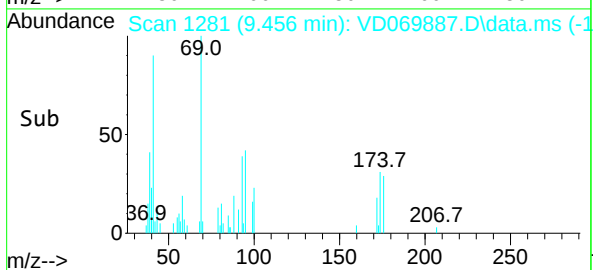
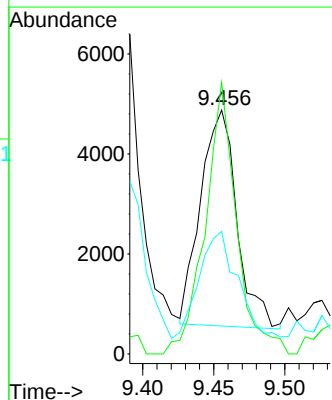
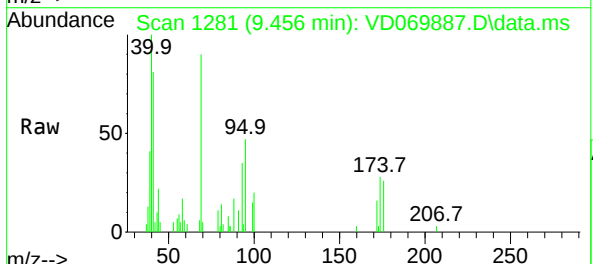
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

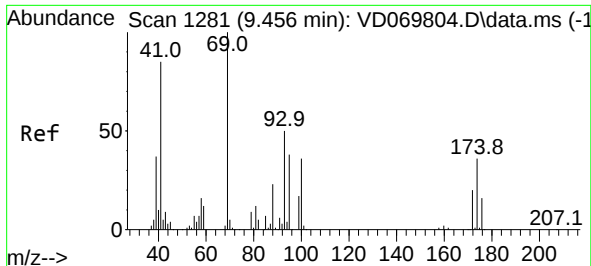
Tgt Ion: 83 Resp: 30299
Ion Ratio Lower Upper
83 100
85 57.8 52.0 78.0
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 1.847 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 41 Resp: 7681
Ion Ratio Lower Upper
41 100
69 108.3 73.4 110.2
39 55.1 36.6 55.0#

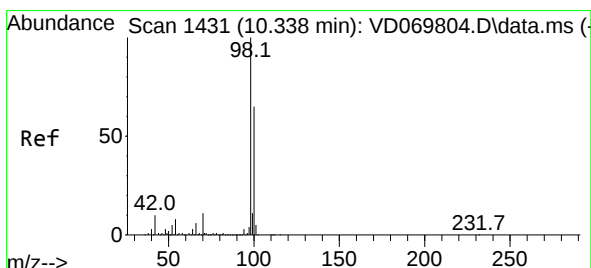
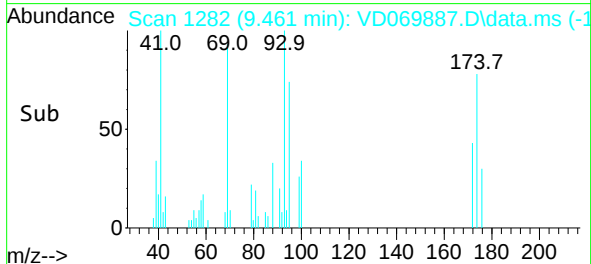
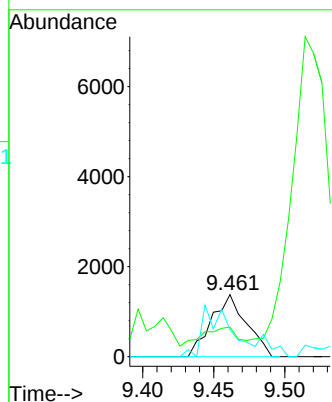
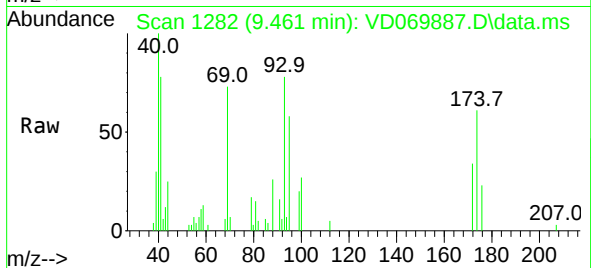




#49
1,4-Dioxane
Concen: 45.117 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

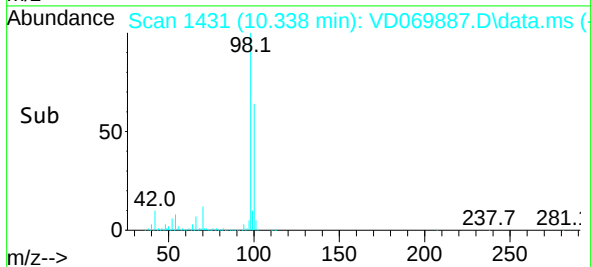
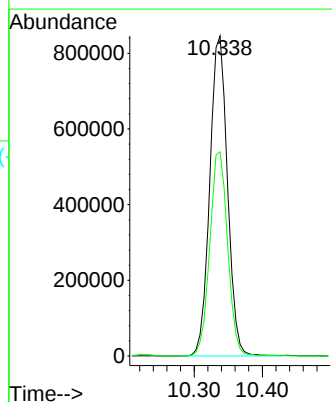
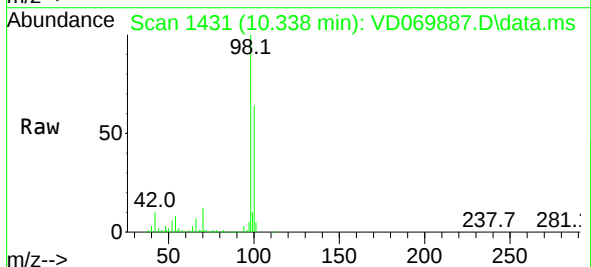
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

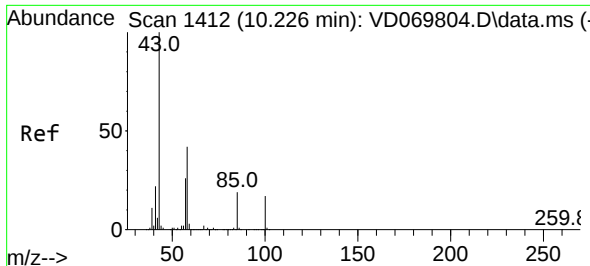
Tgt Ion: 88 Resp: 2361
Ion Ratio Lower Upper
88 100
43 40.2 26.8 40.2
58 67.1 59.8 89.6



#50
Toluene-d8
Concen: 51.252 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 98 Resp: 1528654
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

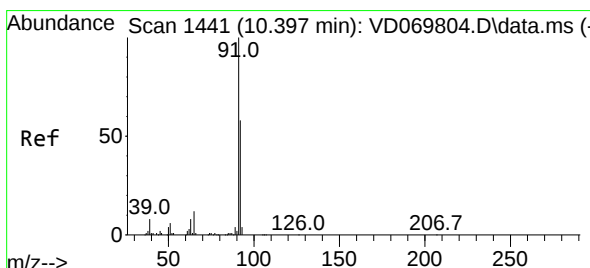
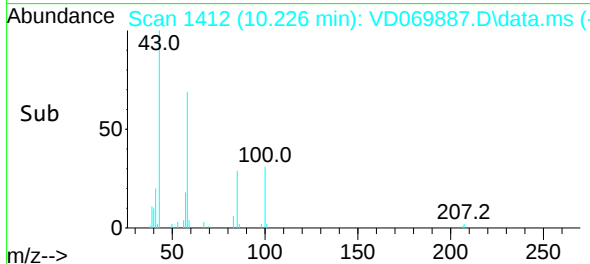
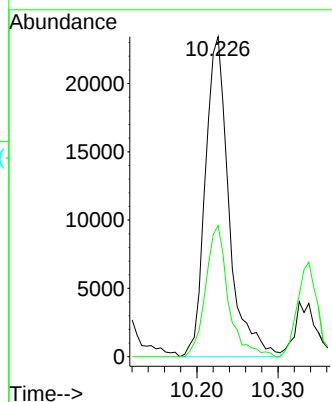
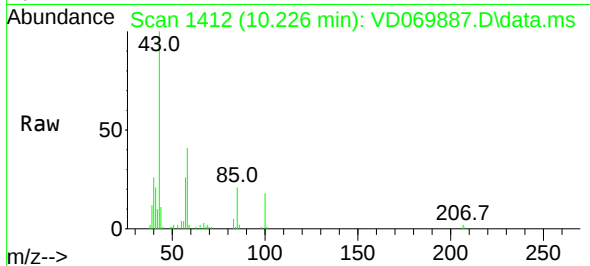




#51
4-Methyl-2-Pentanone
Concen: 10.544 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

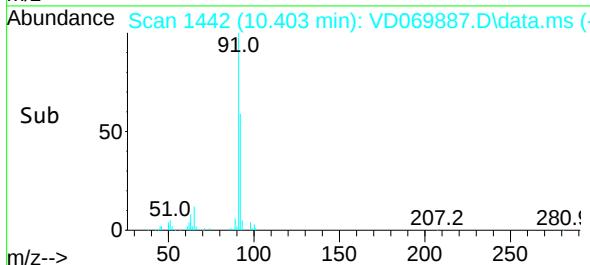
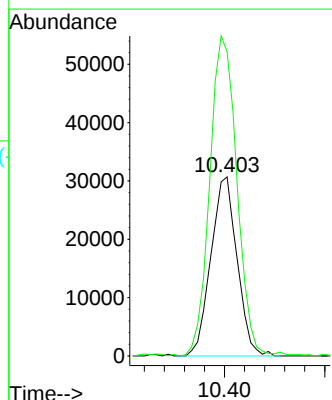
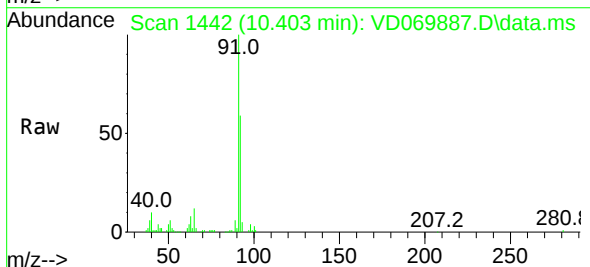
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

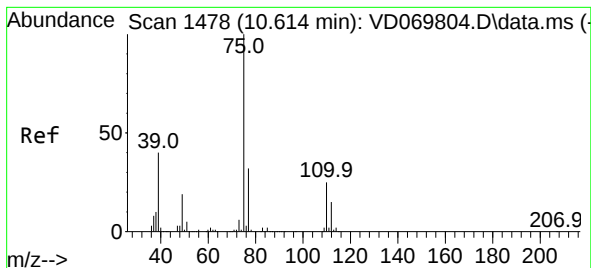
Tgt Ion: 43 Resp: 47437
Ion Ratio Lower Upper
43 100
58 39.2 33.7 50.5



#52
Toluene
Concen: 2.392 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 92 Resp: 55655
Ion Ratio Lower Upper
92 100
91 184.7 138.7 208.1

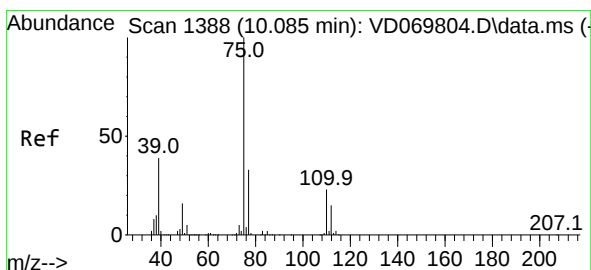
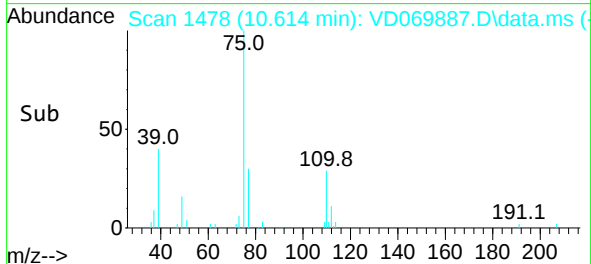
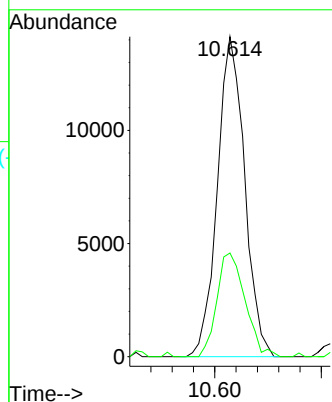
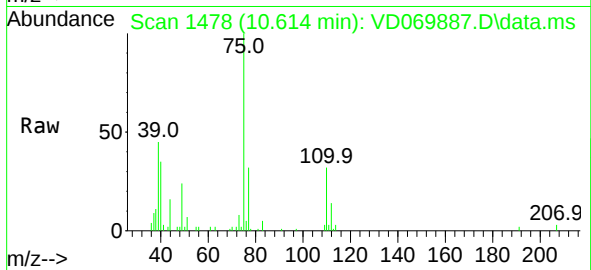




#53
t-1,3-Dichloropropene
Concen: 2.324 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

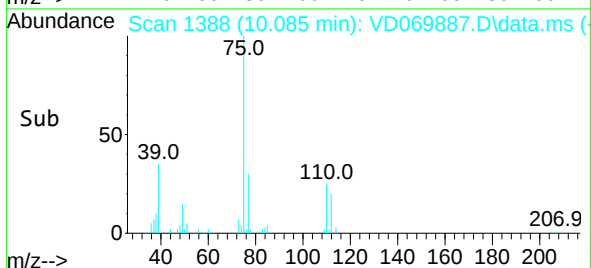
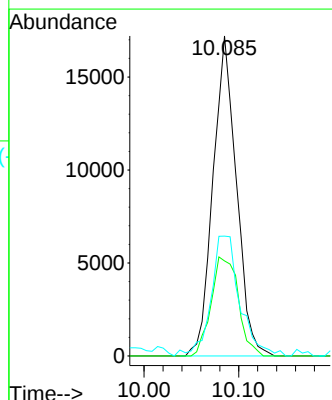
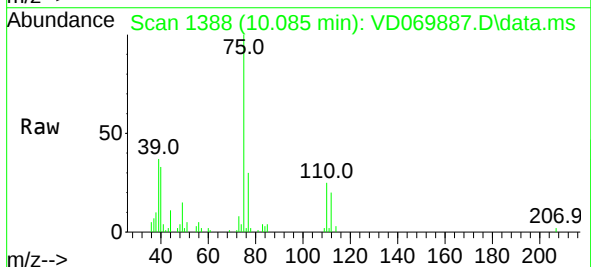
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

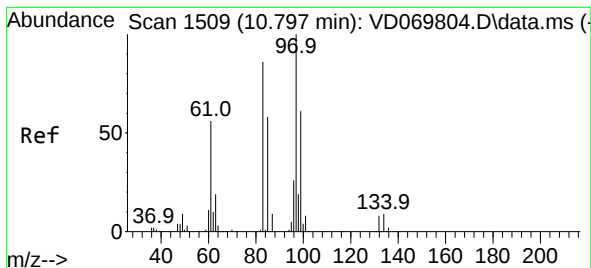
Tgt Ion: 75 Resp: 25103
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 2.254 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 75 Resp: 29477
Ion Ratio Lower Upper
75 100
77 29.7 26.3 39.5
39 35.8 31.0 46.6

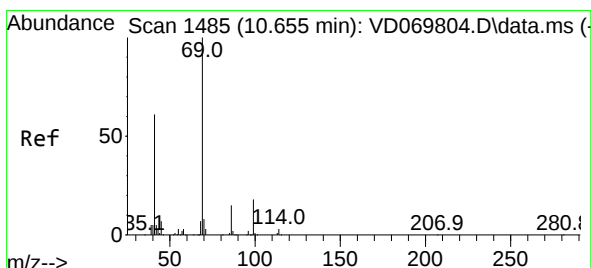
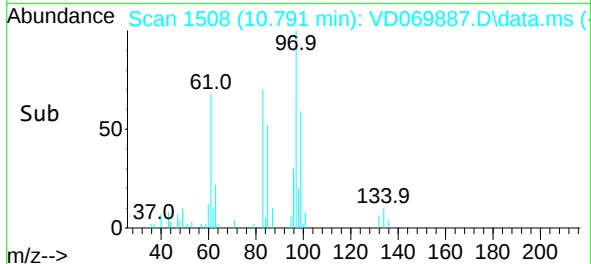
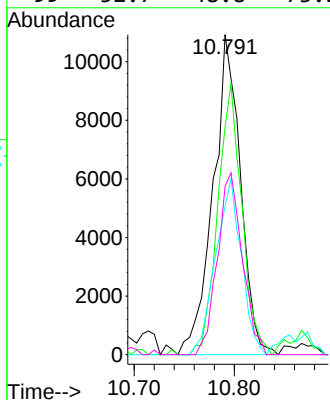
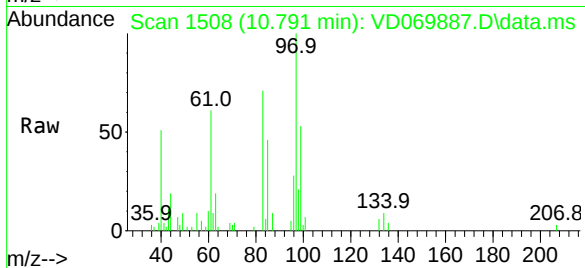




#55
1,1,2-Trichloroethane
Concen: 2.956 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

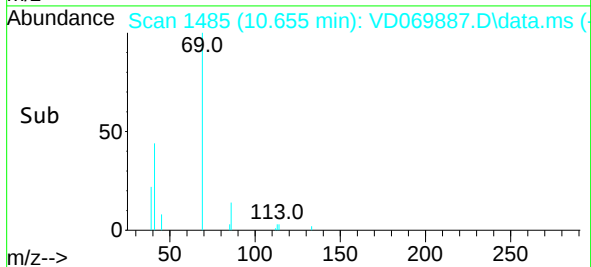
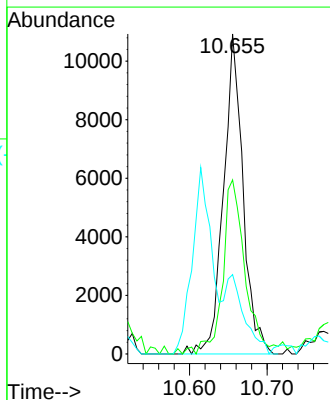
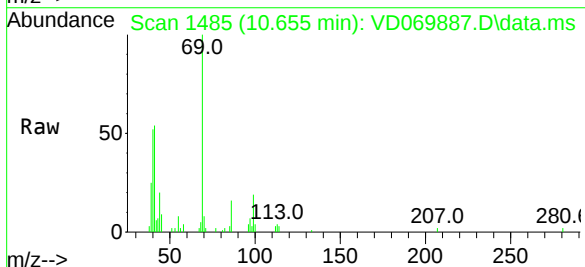
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

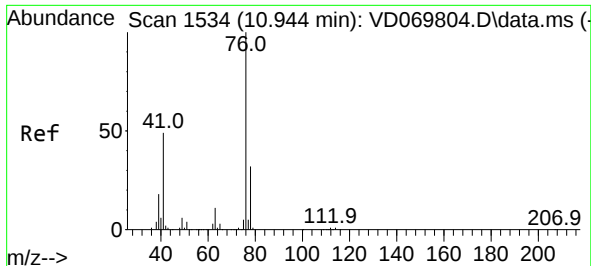
Tgt Ion:	97	Resp:	20682
Ion	Ratio	Lower	Upper
97	100		
83	71.2	69.1	103.7
85	46.4	46.2	69.2
99	52.7	48.8	73.2



#56
Ethyl methacrylate
Concen: 2.503 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:	69	Resp:	19171
Ion	Ratio	Lower	Upper
69	100		
41	61.5	50.2	75.2
39	22.5	22.0	33.0

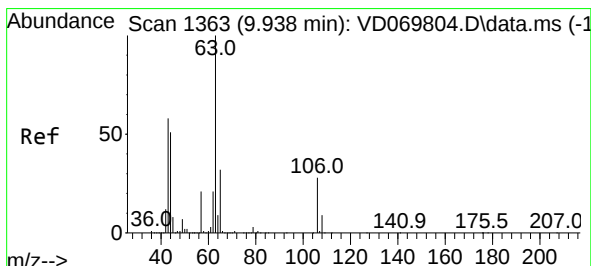
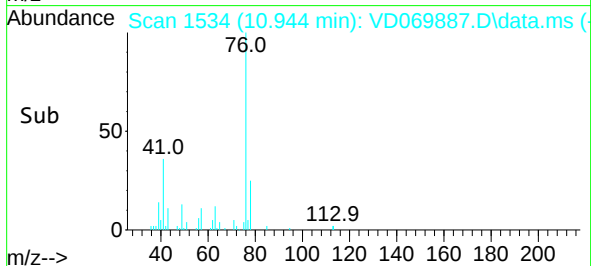
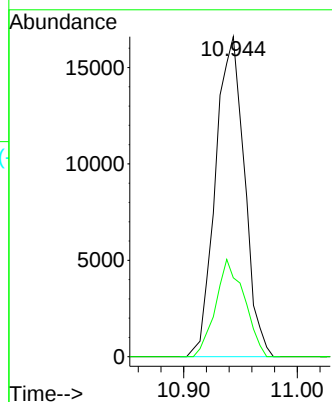
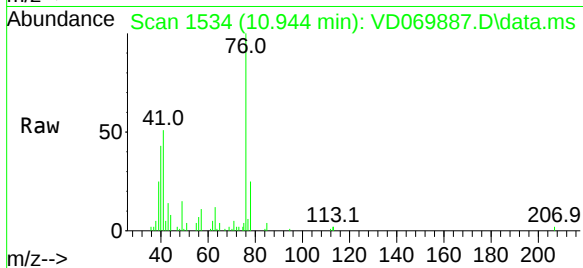




#57
1,3-Dichloropropane
Concen: 2.484 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

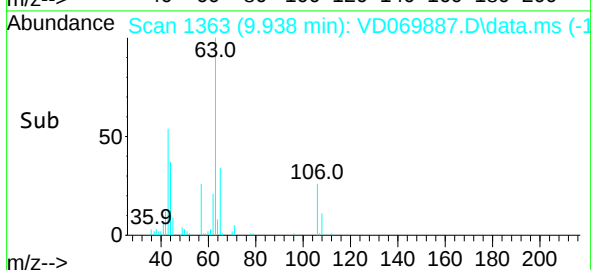
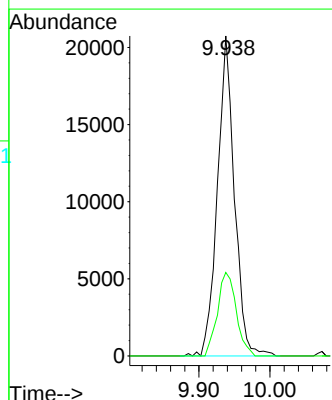
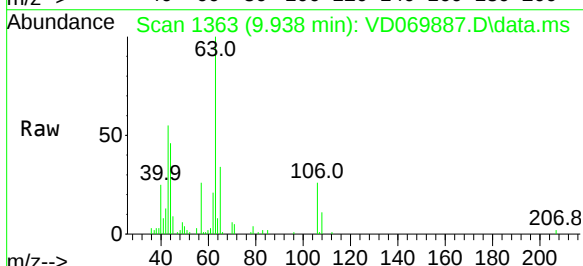
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

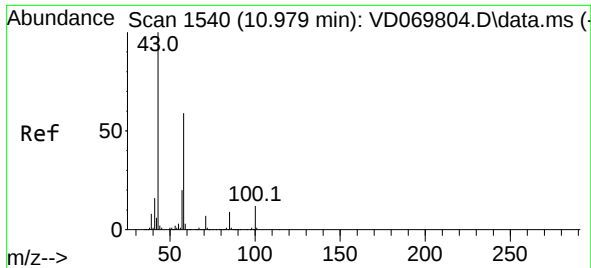
Tgt Ion: 76 Resp: 29402
Ion Ratio Lower Upper
76 100
78 30.2 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 10.486 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 63 Resp: 34407
Ion Ratio Lower Upper
63 100
106 28.9 21.8 32.6

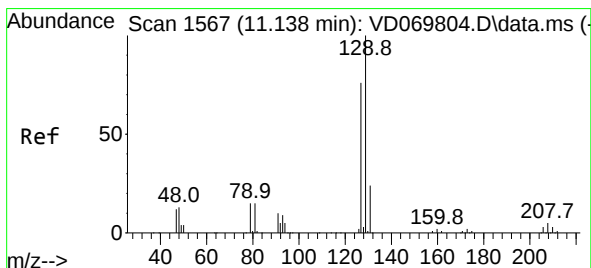
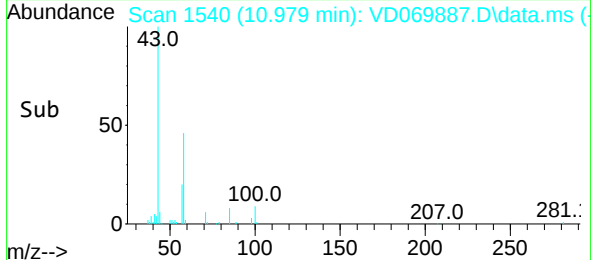
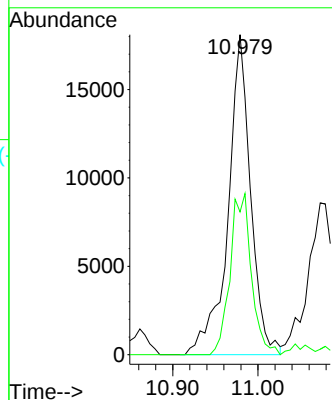
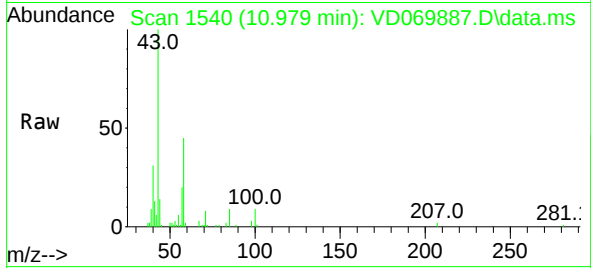




#59
2-Hexanone
Concen: 11.238 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

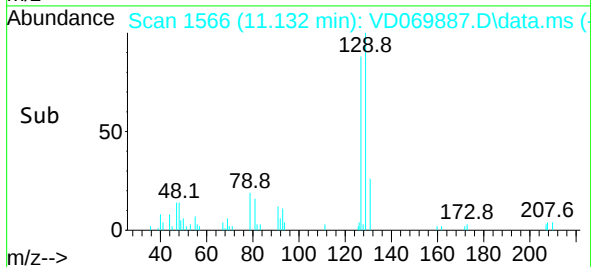
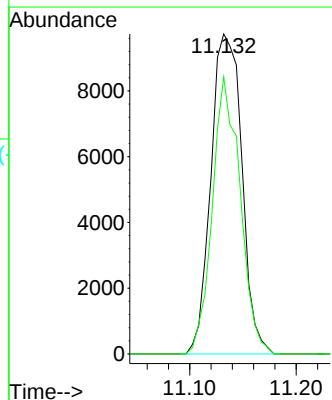
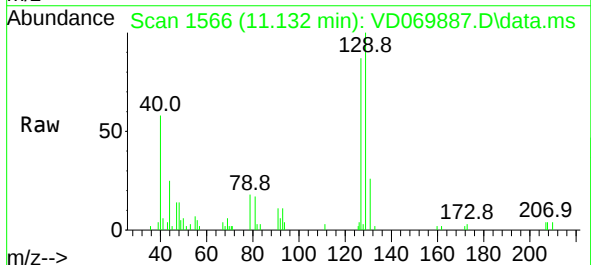
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

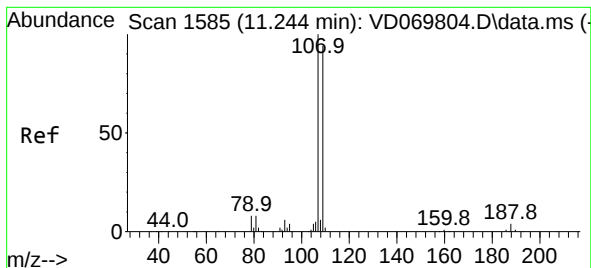
Tgt Ion: 43 Resp: 33443
Ion Ratio Lower Upper
43 100
58 47.3 29.4 88.3



#60
Dibromochloromethane
Concen: 2.474 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

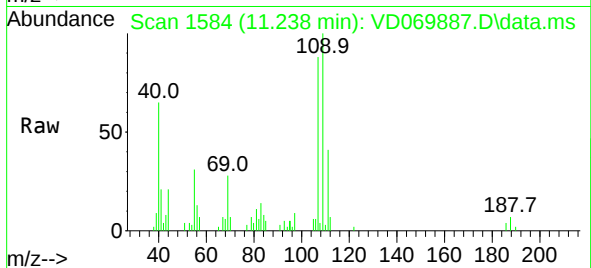
Tgt Ion: 129 Resp: 19601
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1



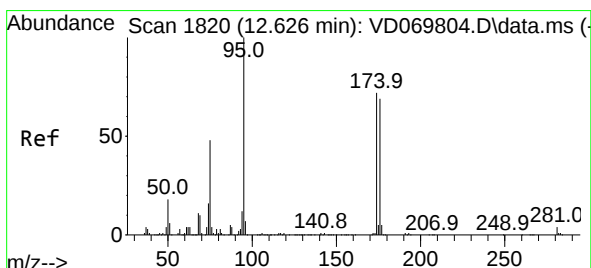
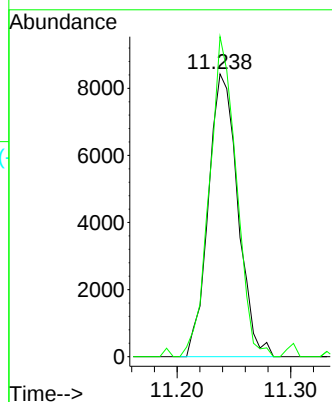
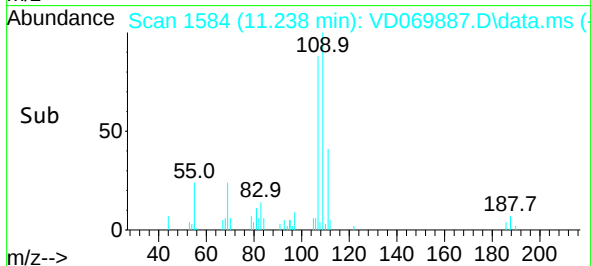


#61
1,2-Dibromoethane
Concen: 2.411 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

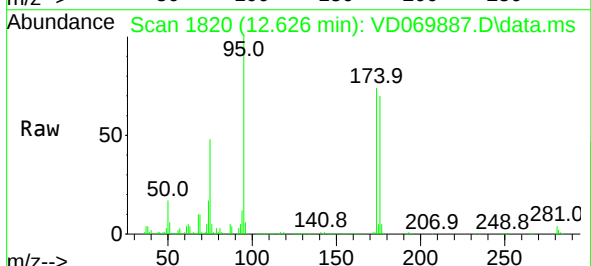
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021



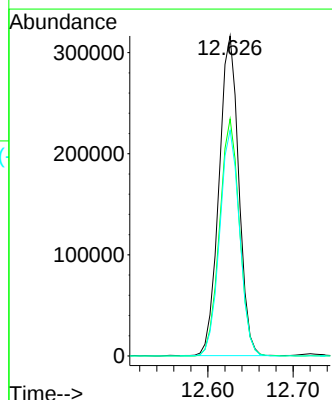
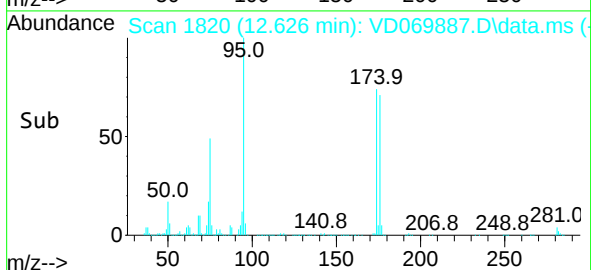
Tgt Ion:107 Resp: 15184
Ion Ratio Lower Upper
107 100
109 103.7 74.5 111.7

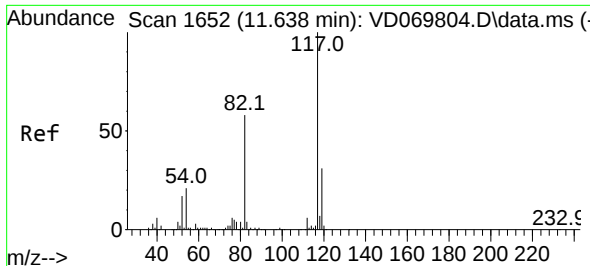


#62
4-Bromofluorobenzene
Concen: 51.163 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28



Tgt Ion: 95 Resp: 509991
Ion Ratio Lower Upper
95 100
174 74.3 0.0 142.6
176 71.0 0.0 134.2

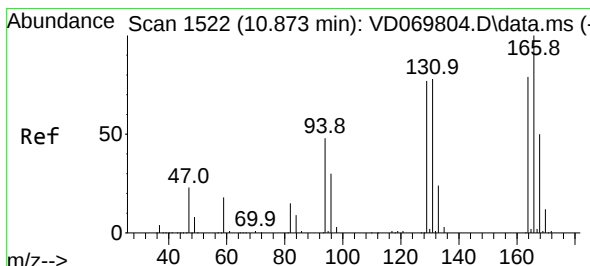
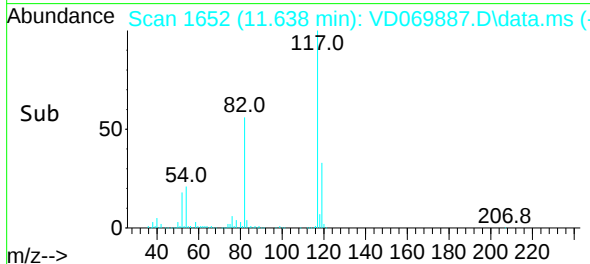
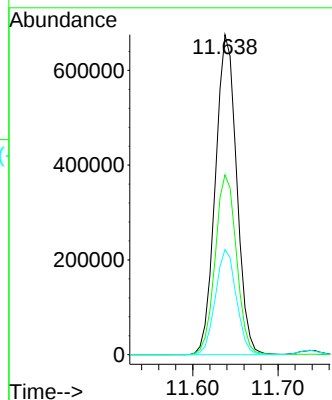
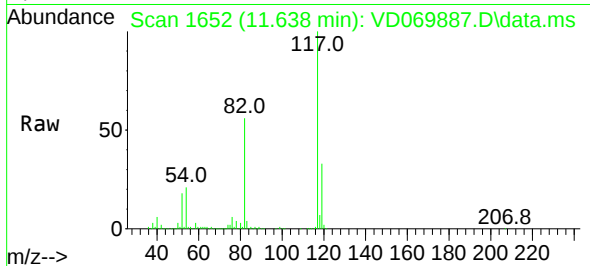




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

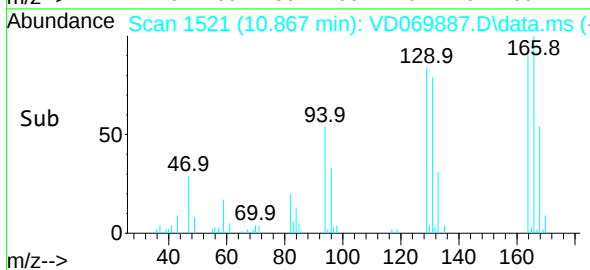
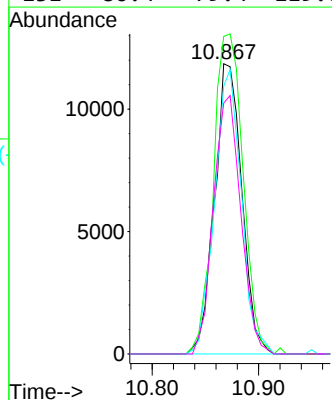
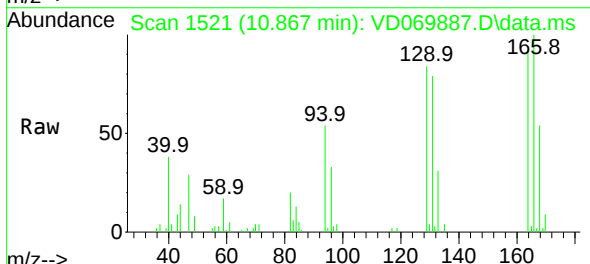
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

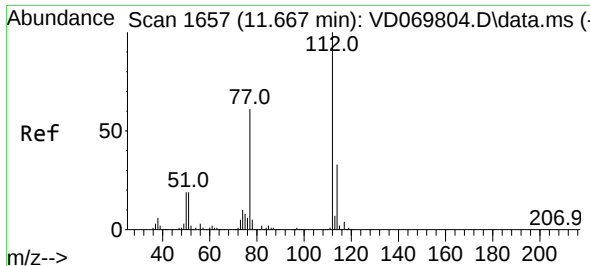
Tgt Ion:117 Resp: 1170874
Ion Ratio Lower Upper
117 100
82 56.2 46.3 69.5
119 32.9 24.7 37.1



#64
Tetrachloroethene
Concen: 2.828 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:164 Resp: 21111
Ion Ratio Lower Upper
164 100
166 109.4 101.8 152.8
129 92.3 78.8 118.2
131 86.4 79.4 119.0

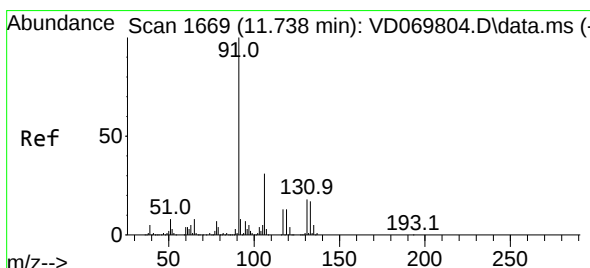
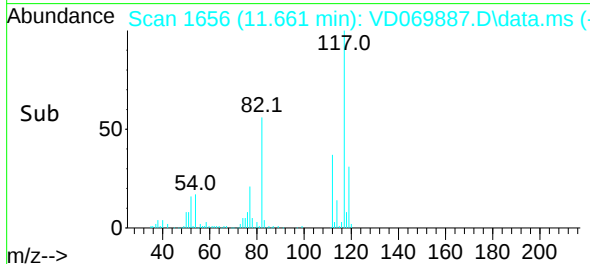
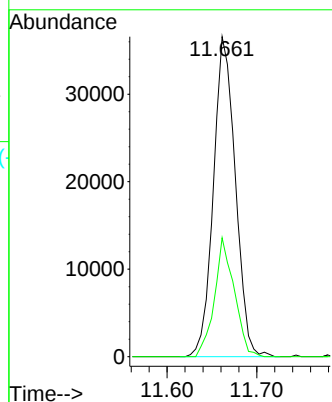
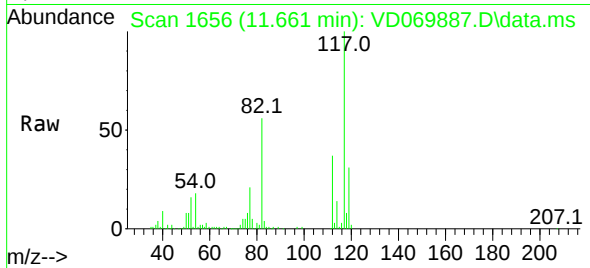




#65
Chlorobenzene
Concen: 2.563 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

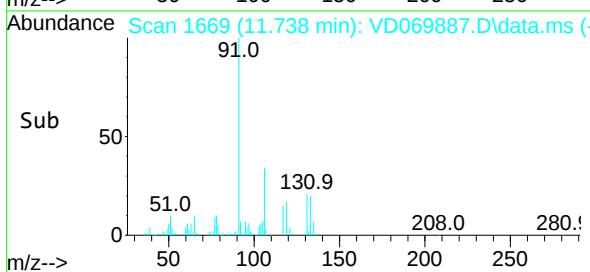
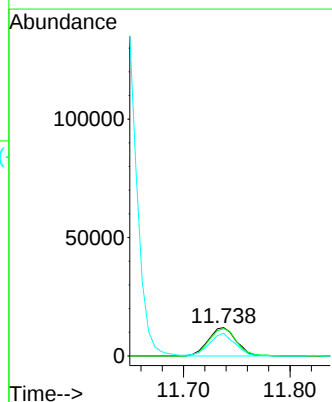
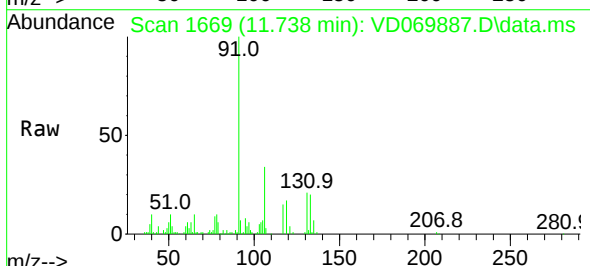
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

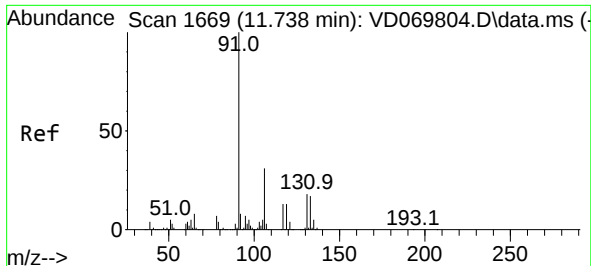
Tgt Ion:112 Resp: 62166
Ion Ratio Lower Upper
112 100
114 37.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.477 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:131 Resp: 21619
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 75.4 34.2 102.5

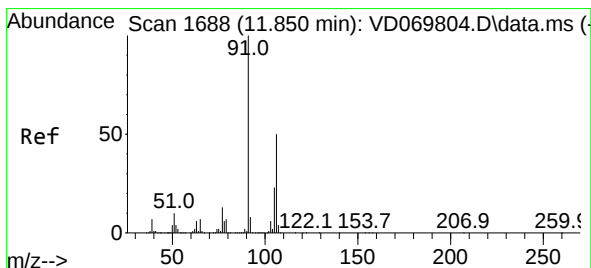
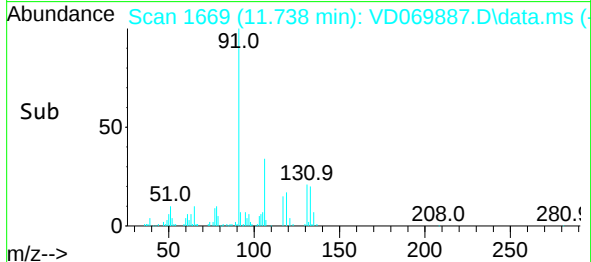
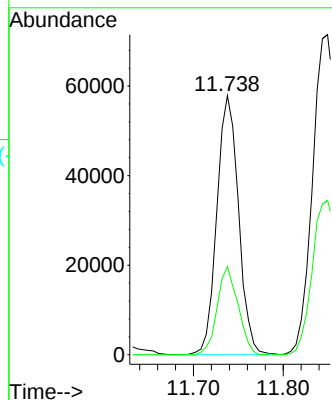
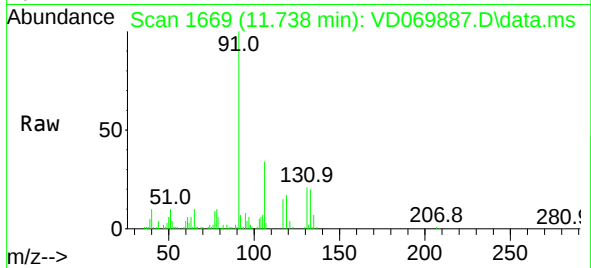




#67
Ethyl Benzene
Concen: 2.271 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

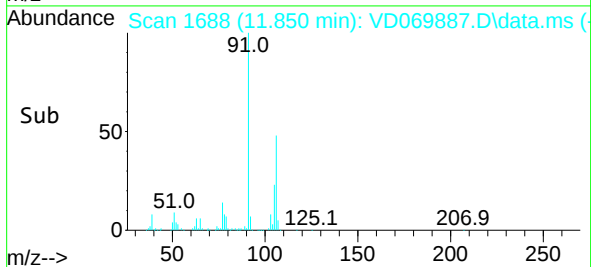
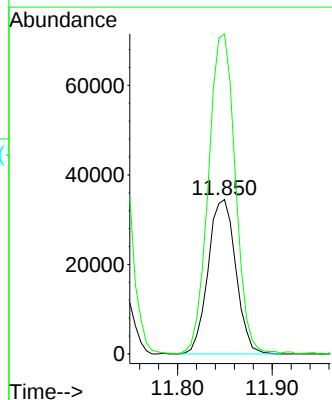
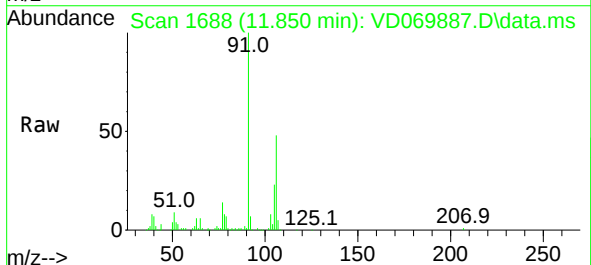
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

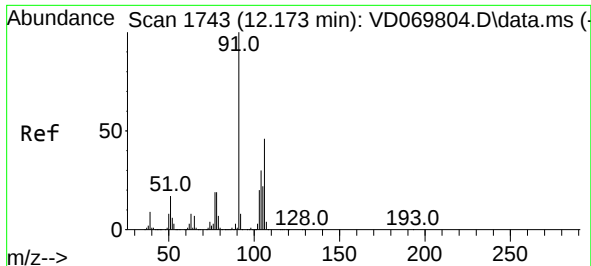
Tgt Ion: 91 Resp: 96980
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3



#68
m/p-Xylenes
Concen: 4.223 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 106 Resp: 69920
Ion Ratio Lower Upper
106 100
91 202.2 162.4 243.6

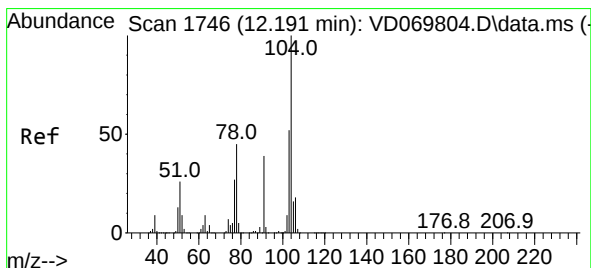
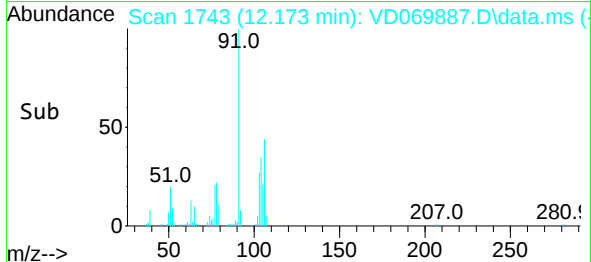
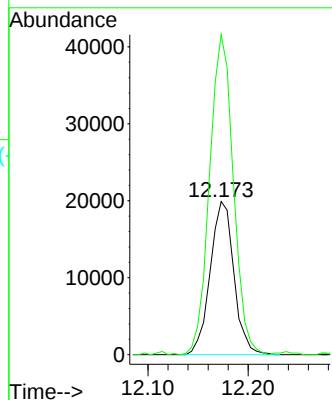
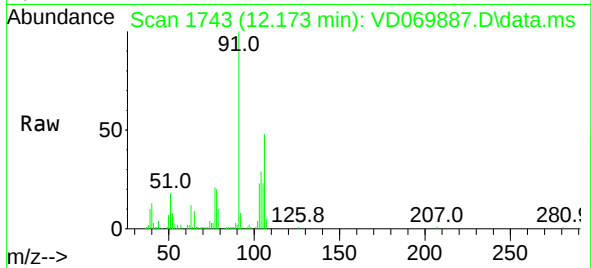




#69
o-Xylene
Concen: 2.170 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

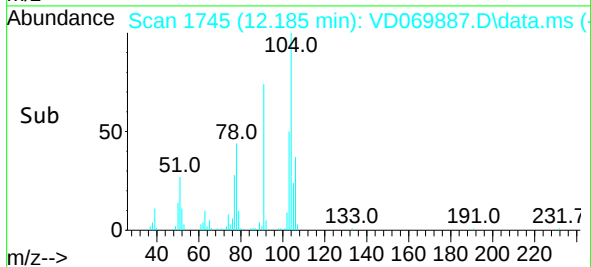
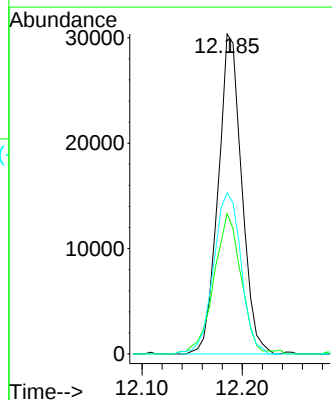
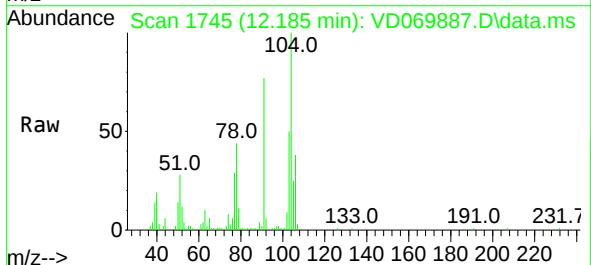
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

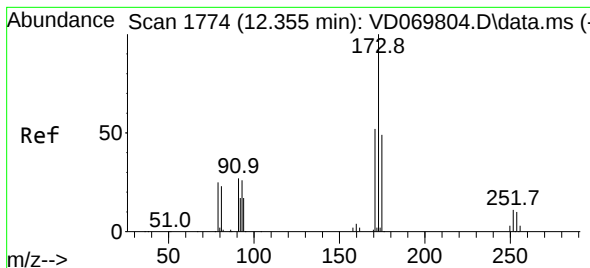
Tgt Ion:106 Resp: 32656
Ion Ratio Lower Upper
106 100
91 210.0 107.6 322.8



#70
Styrene
Concen: 1.895 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:104 Resp: 49441
Ion Ratio Lower Upper
104 100
78 51.2 39.7 59.5
103 59.0 44.0 66.0





#71

Bromoform

Concen: 2.522 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

Tgt Ion:173 Resp: 10688

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

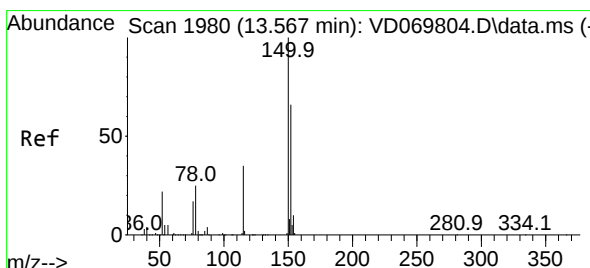
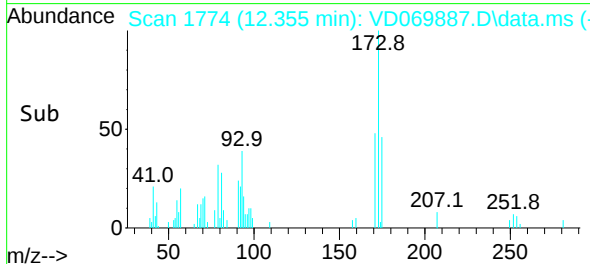
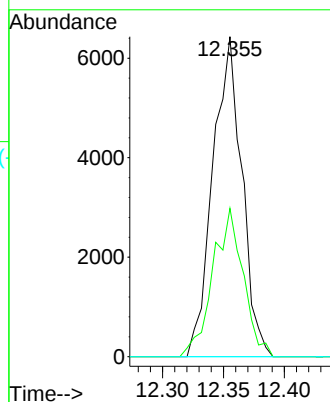
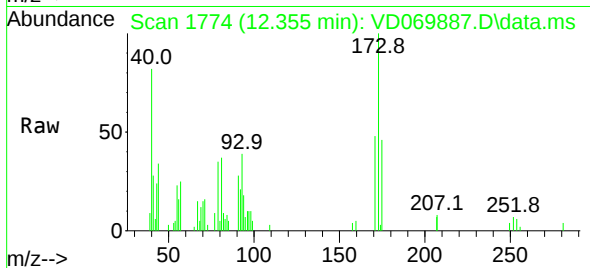
254 0.0 0.1 0.1#

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD069887.D

Acq: 28 Jul 2021 14:28

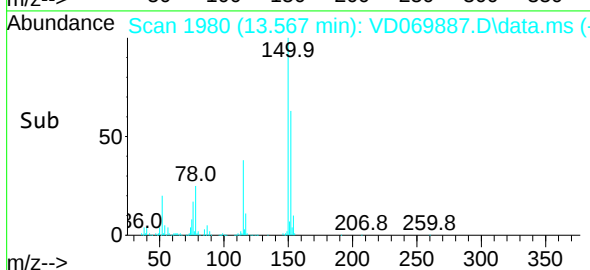
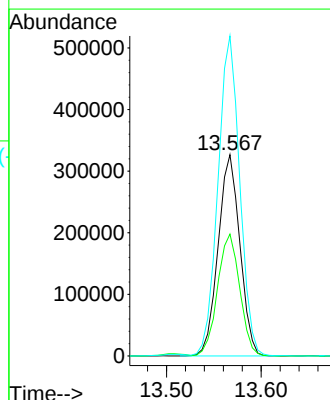
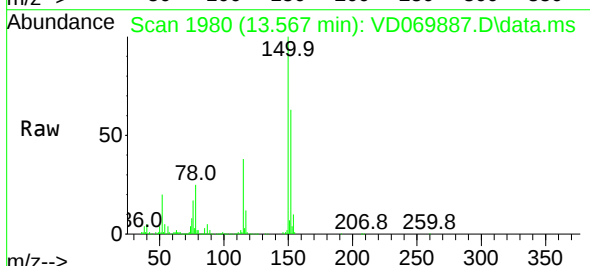
Tgt Ion:152 Resp: 521722

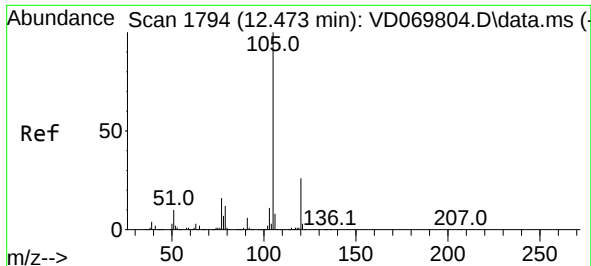
Ion Ratio Lower Upper

152 100

115 61.9 31.1 93.3

150 159.2 0.0 343.0

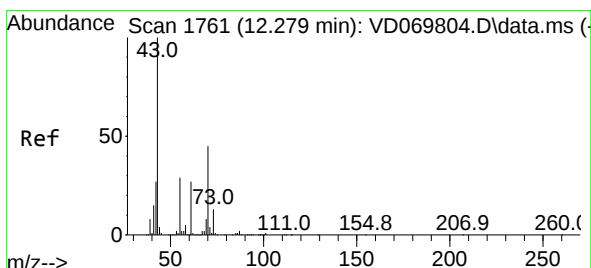
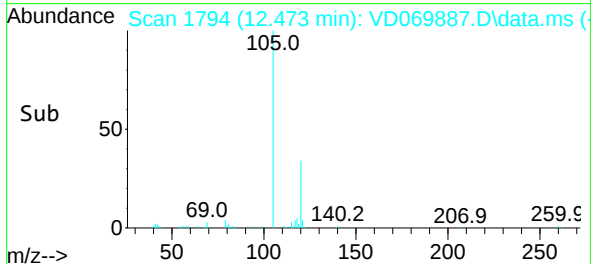
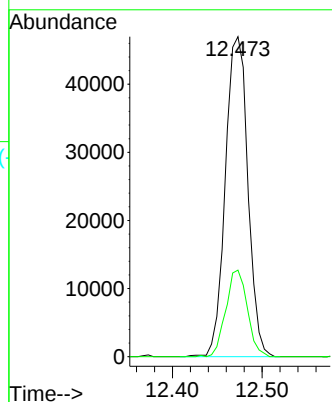
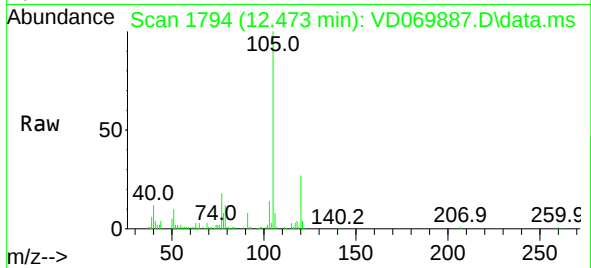




#73
Isopropylbenzene
Concen: 2.180 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

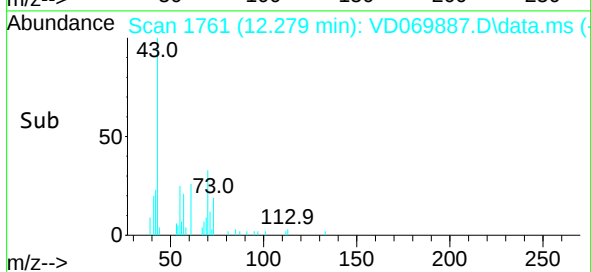
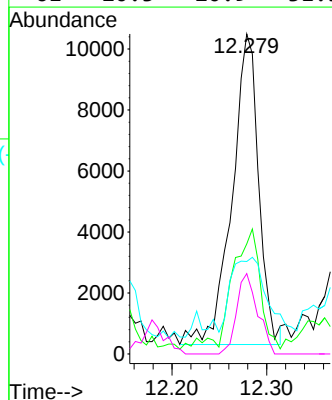
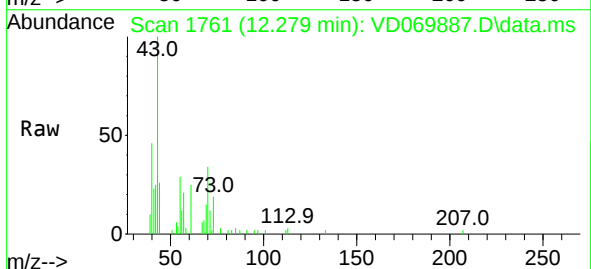
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

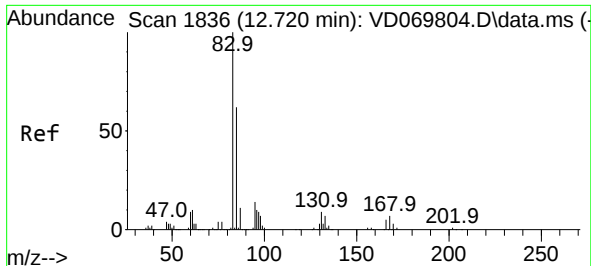
Tgt Ion:105 Resp: 81703
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 2.585 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 43 Resp: 19934
Ion Ratio Lower Upper
43 100
70 38.4 37.9 56.9
55 33.8 23.7 35.5
61 20.3 20.9 31.3#

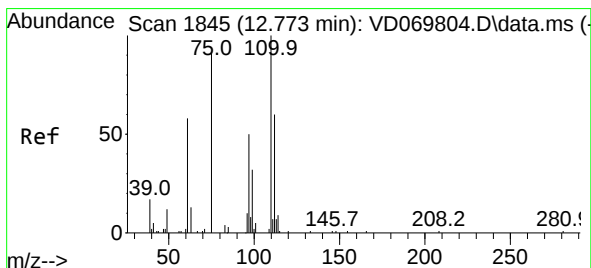
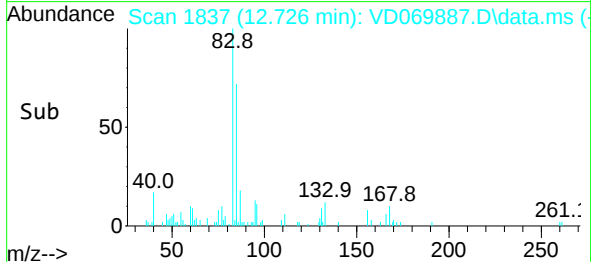
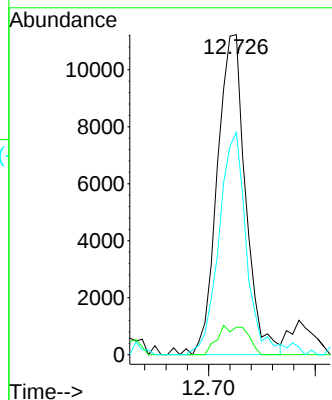
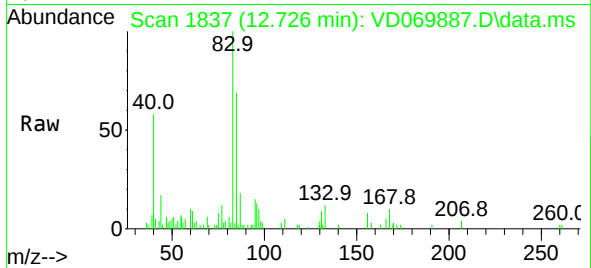




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.767 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

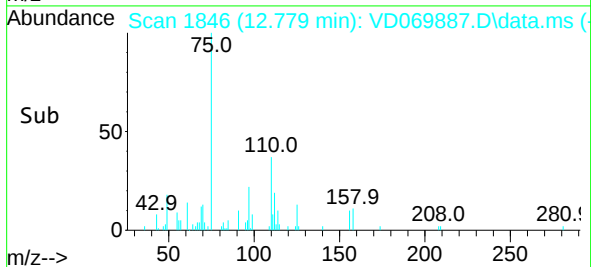
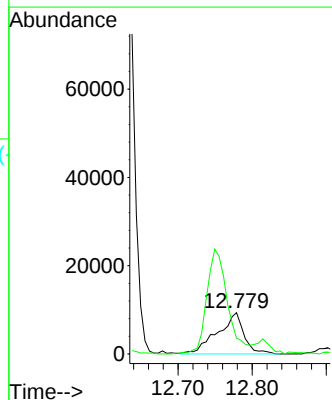
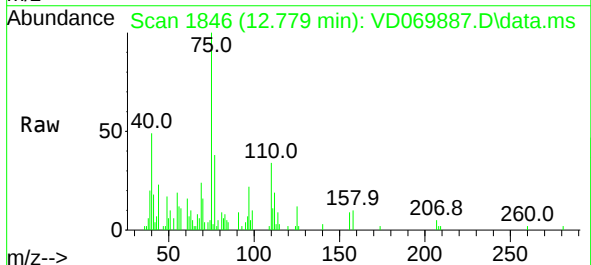
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

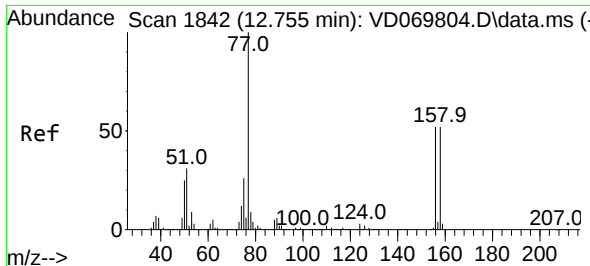
Tgt Ion:	83	Resp:	20712
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.6
85	68.9	31.8	95.4



#76
 1,2,3-Trichloropropane
 Concen: 4.181 ug/l
 RT: 12.779 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

Tgt Ion:	75	Resp:	23184
Ion	Ratio	Lower	Upper
75	100		
77	0.0	181.5	544.5#

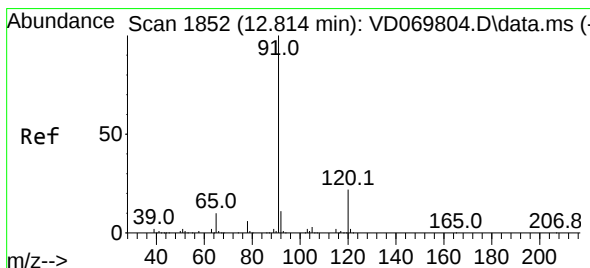
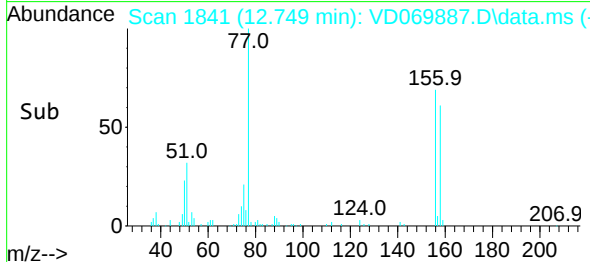
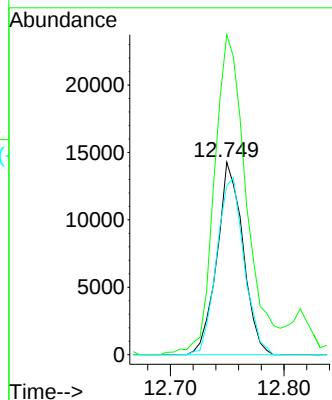
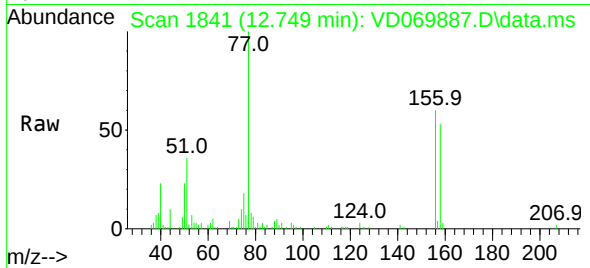




#77
Bromobenzene
Concen: 2.695 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

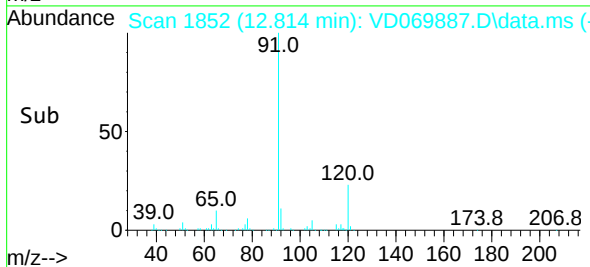
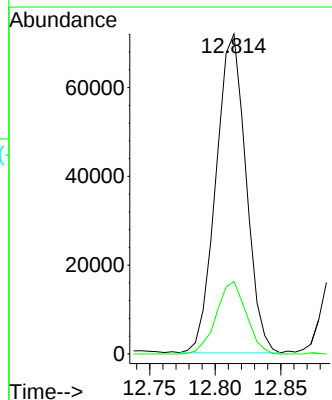
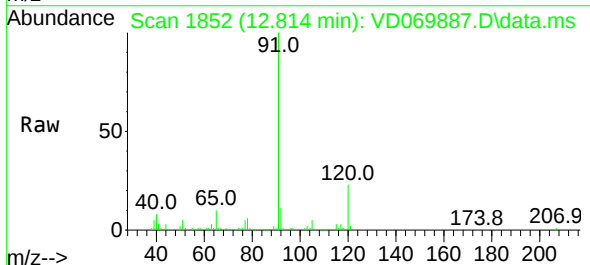
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

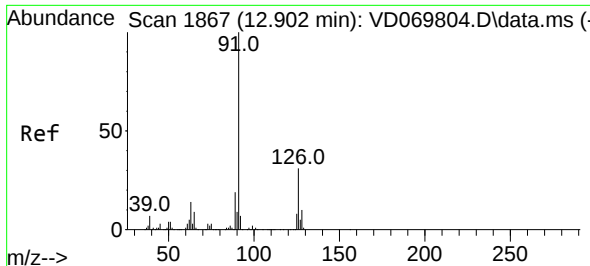
Tgt Ion:156 Resp: 22756
Ion Ratio Lower Upper
156 100
77 204.1 107.1 321.3
158 96.6 48.1 144.3



#78
n-propylbenzene
Concen: 2.372 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 91 Resp: 114226
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.7

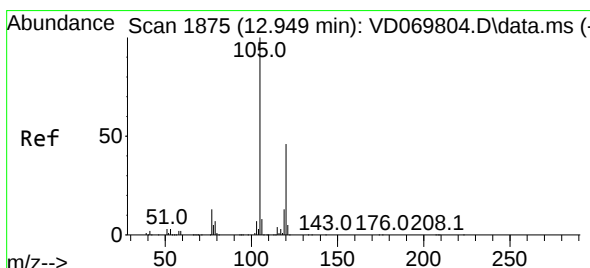
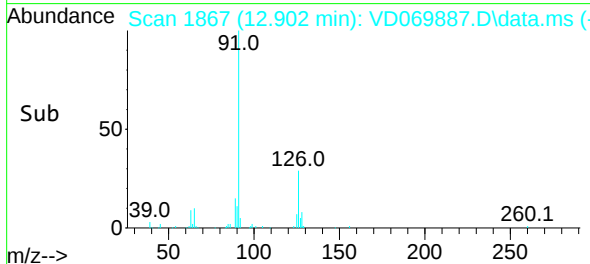
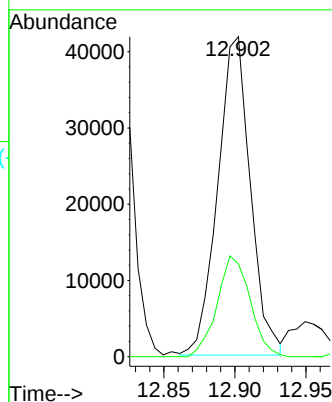
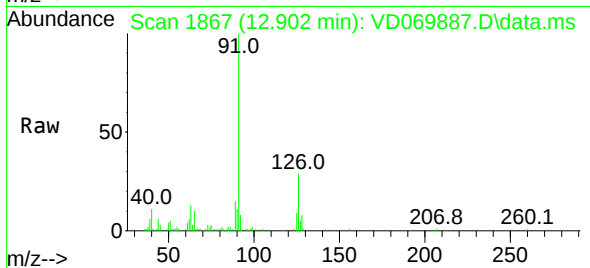




#79
2-Chlorotoluene
Concen: 2.389 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

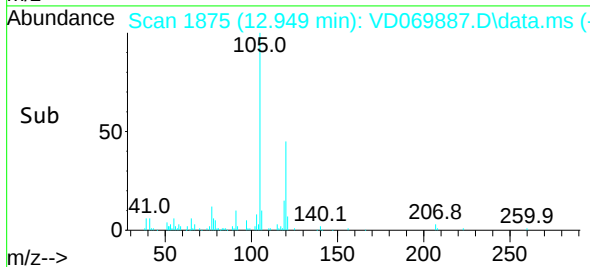
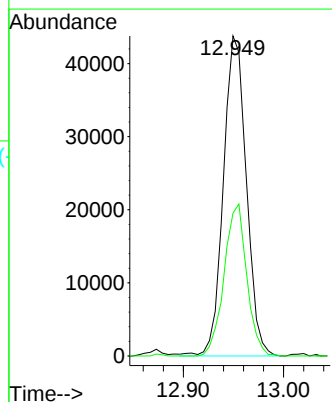
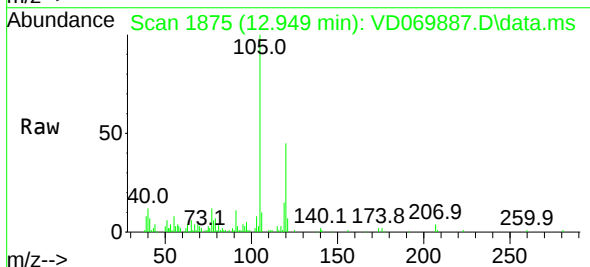
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

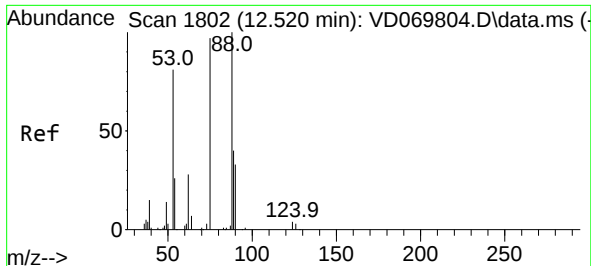
Tgt Ion: 91 Resp: 66824
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 2.169 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 105 Resp: 69562
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2

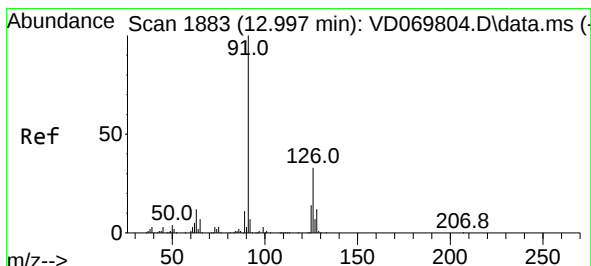
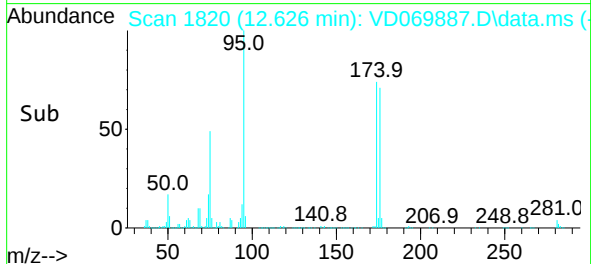
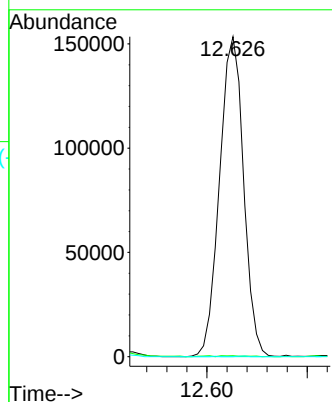
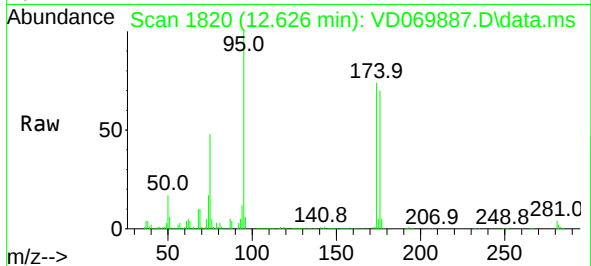




#81
trans-1,4-Dichloro-2-butene
Concen: 139.641 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

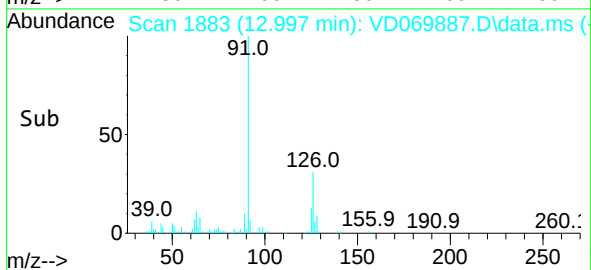
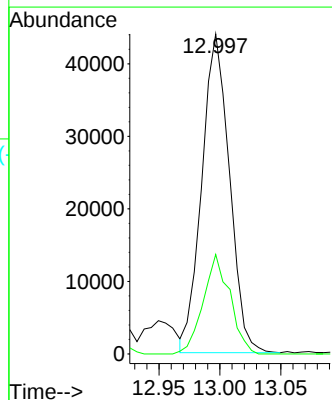
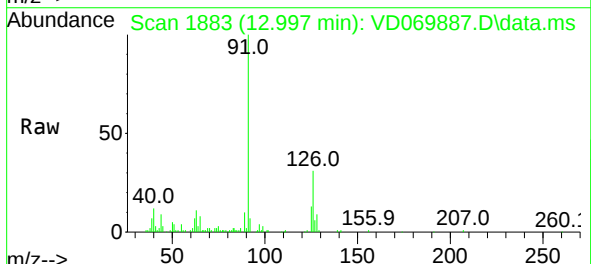
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

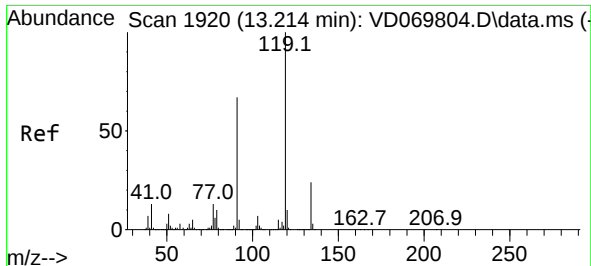
Tgt Ion: 75 Resp: 255256
Ion Ratio Lower Upper
75 100
53 0.4 67.2 100.8#
89 0.1 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.370 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 91 Resp: 69292
Ion Ratio Lower Upper
91 100
126 30.2 15.9 47.6

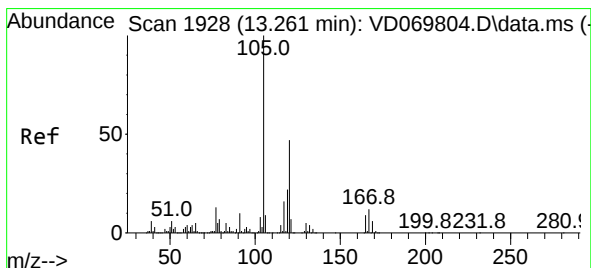
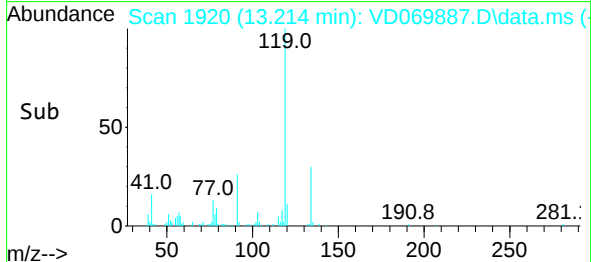
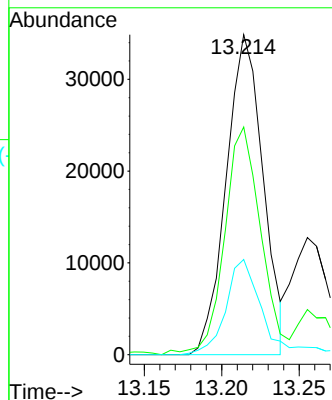
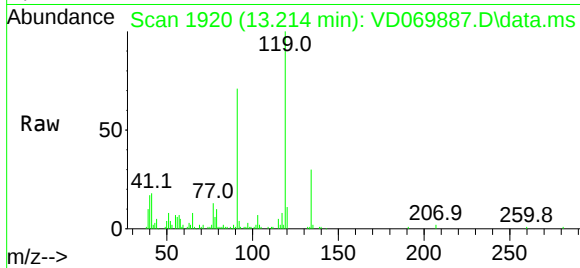




#83
tert-Butylbenzene
Concen: 2.211 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

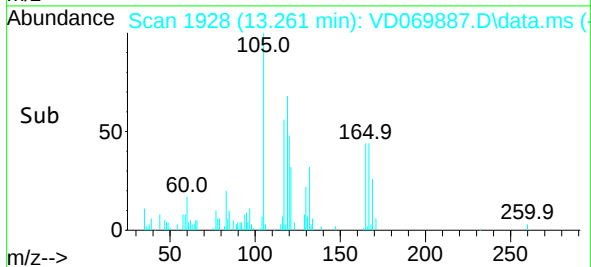
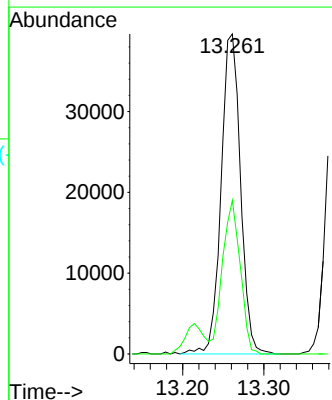
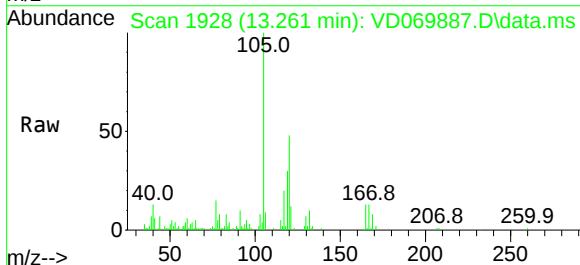
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

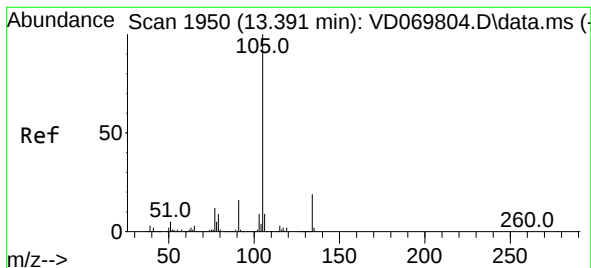
Tgt Ion:119 Resp: 57652
Ion Ratio Lower Upper
119 100
91 69.8 33.7 101.1
134 29.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 2.079 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:105 Resp: 65784
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8

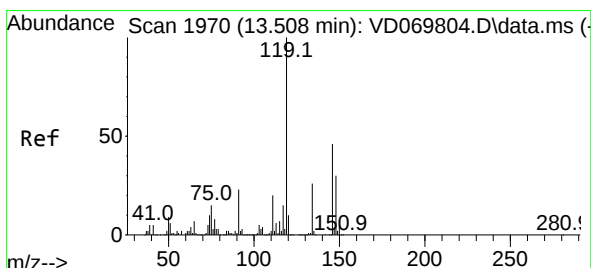
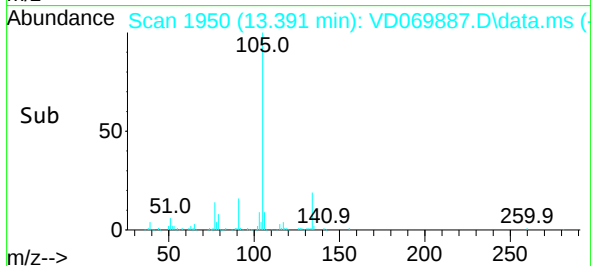
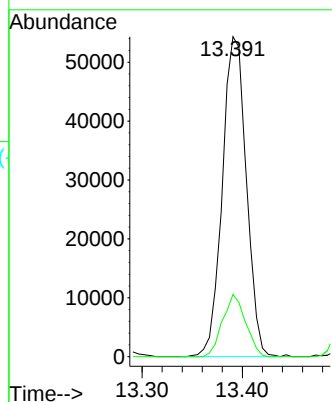
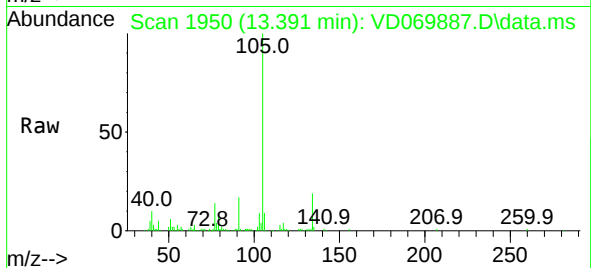




#85
 sec-Butylbenzene
 Concen: 2.194 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

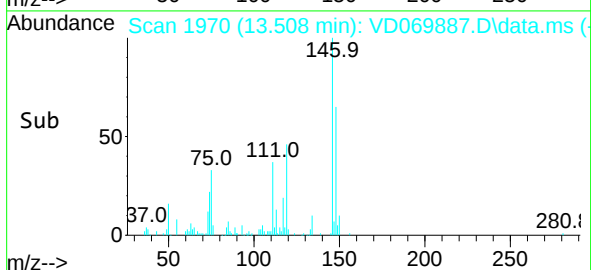
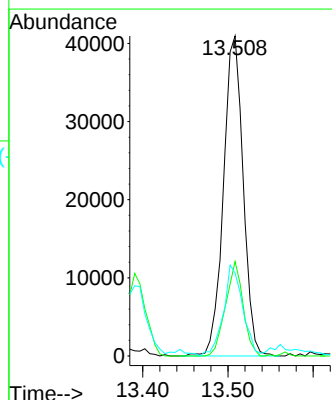
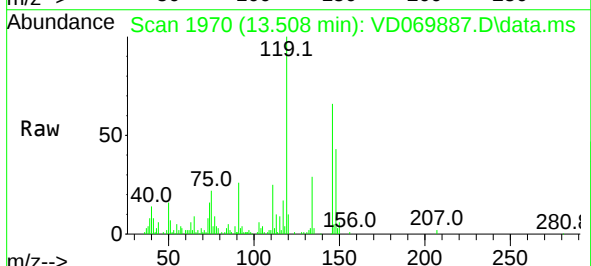
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

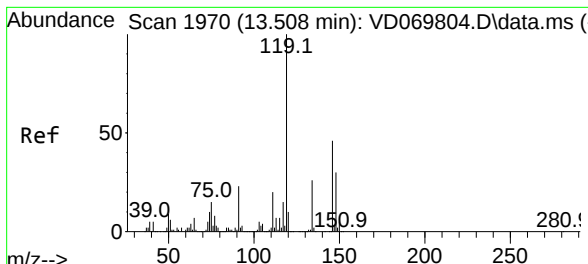
Tgt Ion:105 Resp: 90433
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 1.963 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

Tgt Ion:119 Resp: 65716
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 27.7 11.7 35.1

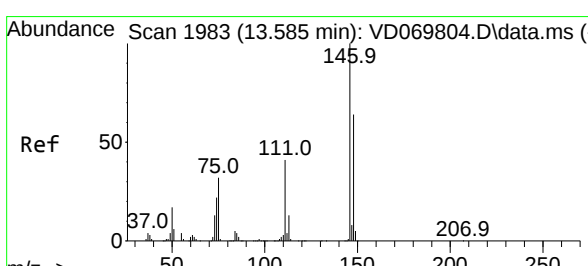
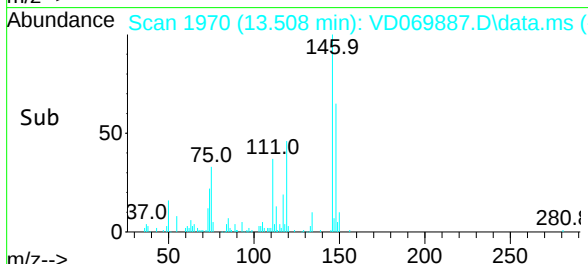
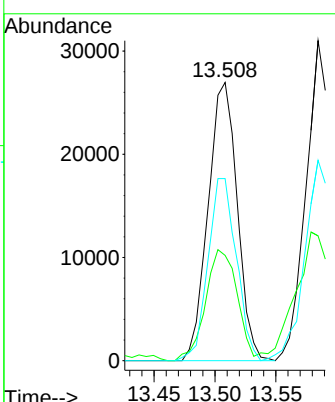
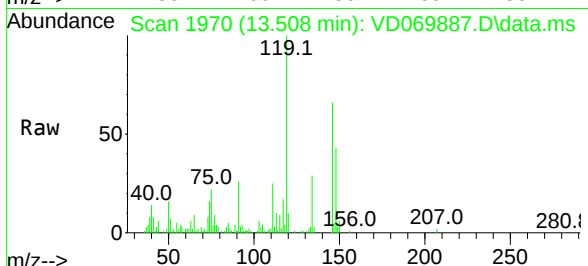




#87
 1,3-Dichlorobenzene
 Concen: 2.528 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

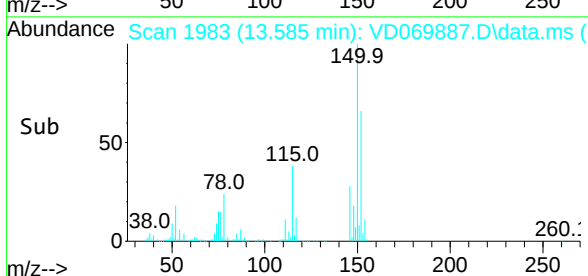
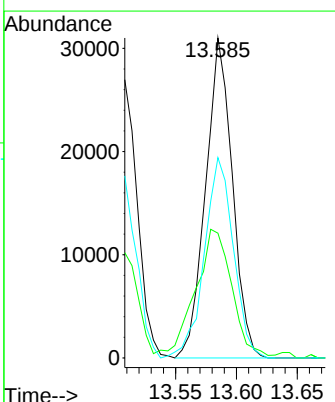
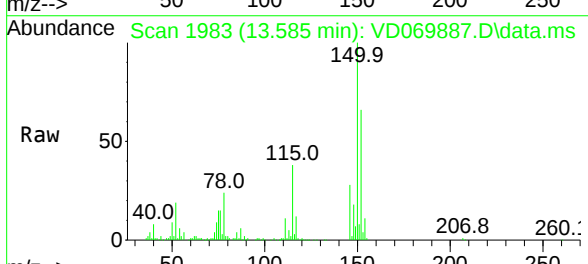
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

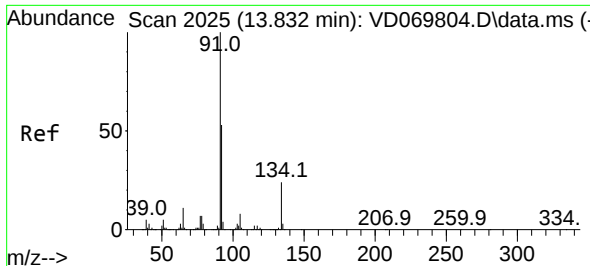
Tgt Ion:	146	Resp:	44812
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.7	65.1
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 2.683 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD069887.D
 Acq: 28 Jul 2021 14:28

Tgt Ion:	146	Resp:	47399
Ion Ratio	Lower	Upper	
146	100		
111	54.3	20.8	62.4
148	67.9	31.6	95.0

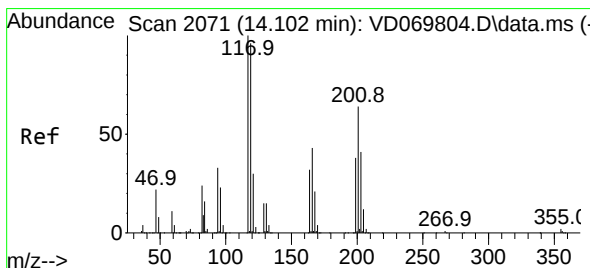
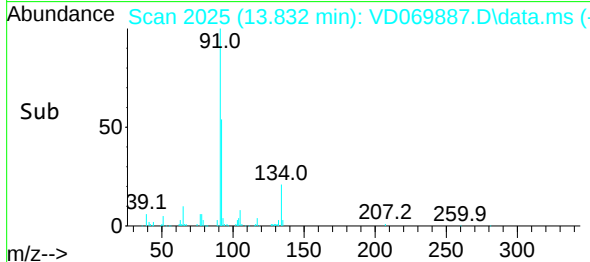
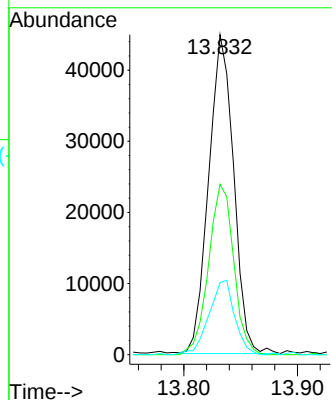
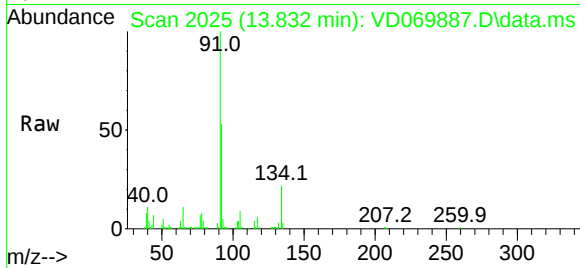




#89
n-Butylbenzene
Concen: 2.074 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

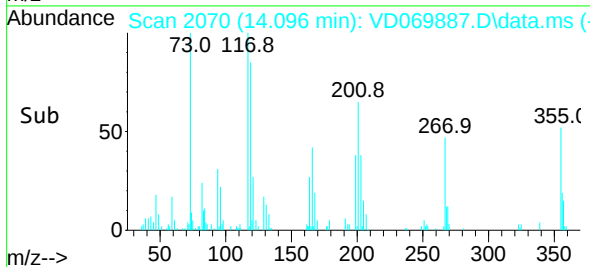
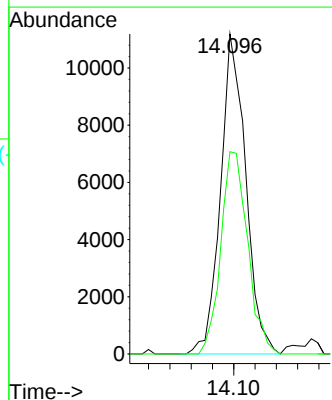
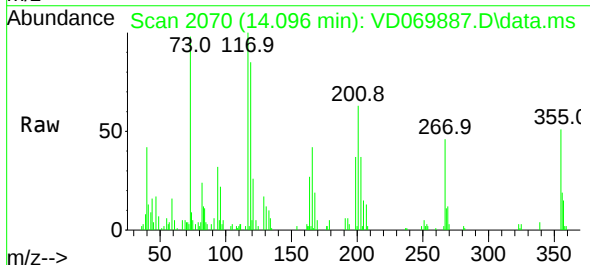
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

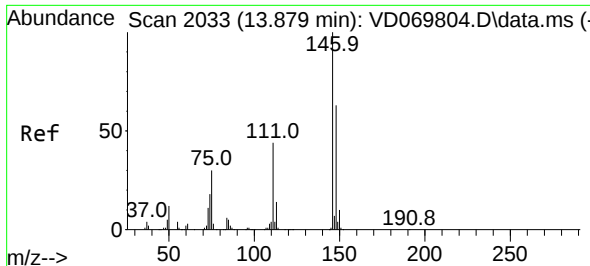
Tgt Ion:	91	Resp:	68524
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.7
134	24.0	11.9	35.7



#90
Hexachloroethane
Concen: 2.585 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:	117	Resp:	18337
Ion	Ratio	Lower	Upper
117	100		
201	67.5	31.9	95.5

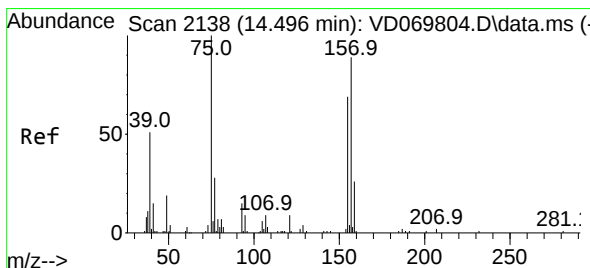
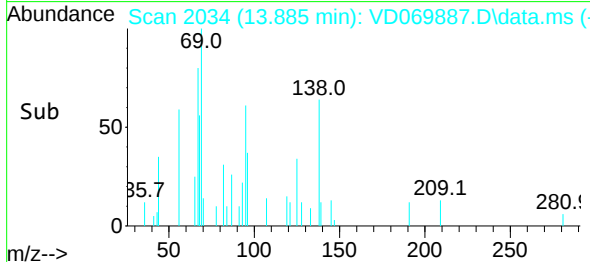
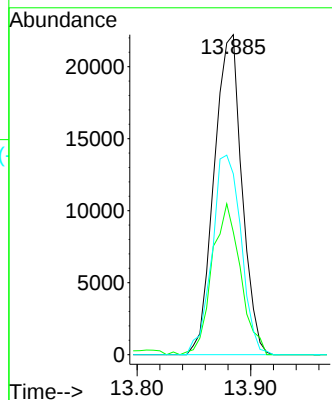
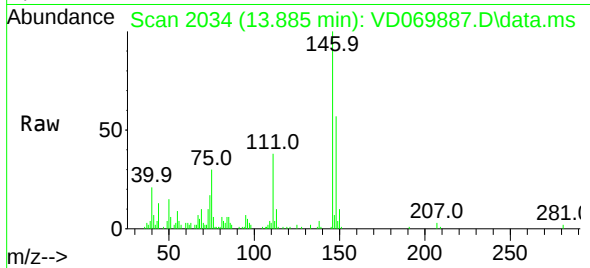




#91
1,2-Dichlorobenzene
Concen: 2.467 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

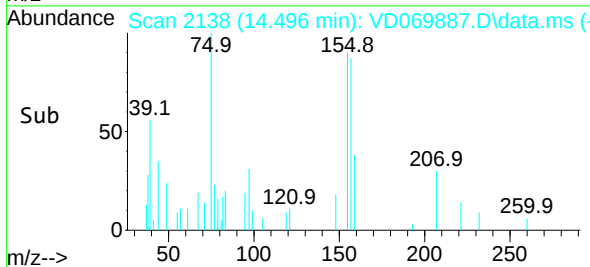
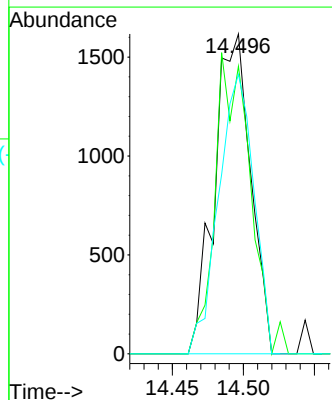
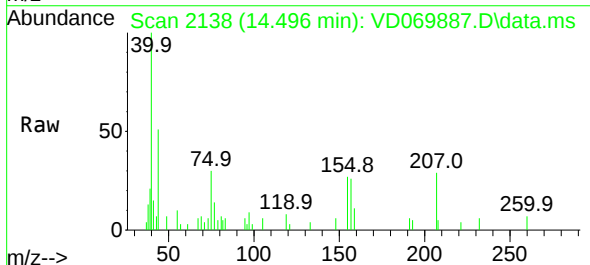
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

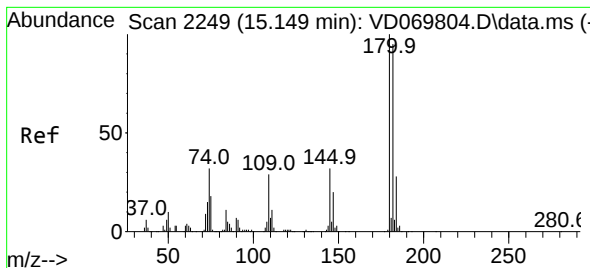
Tgt Ion:146 Resp: 37743
Ion Ratio Lower Upper
146 100
111 48.2 21.7 65.1
148 65.0 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.667 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion: 75 Resp: 2875
Ion Ratio Lower Upper
75 100
155 90.9 36.3 108.9
157 84.9 47.0 141.0

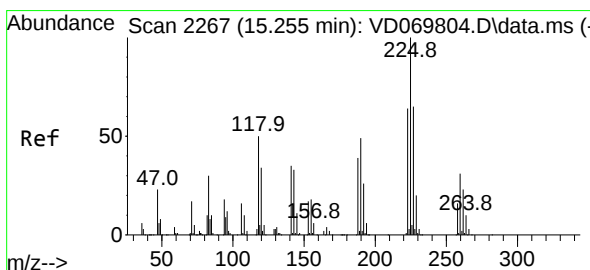
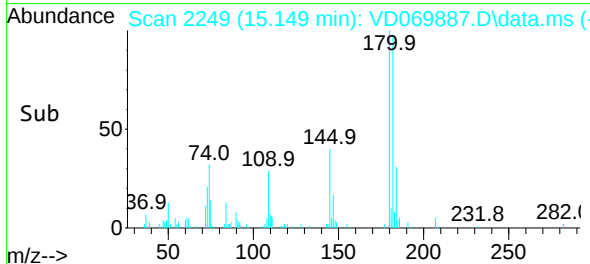
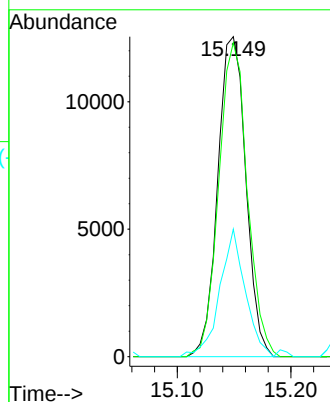
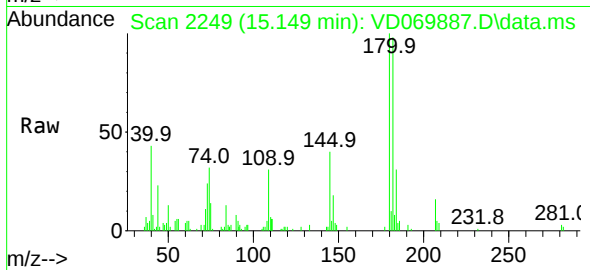




#93
1,2,4-Trichlorobenzene
Concen: 2.608 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

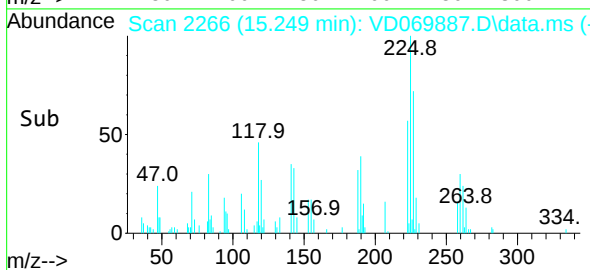
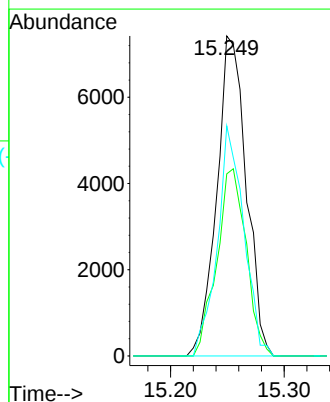
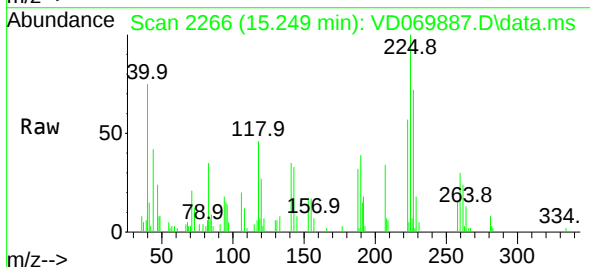
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

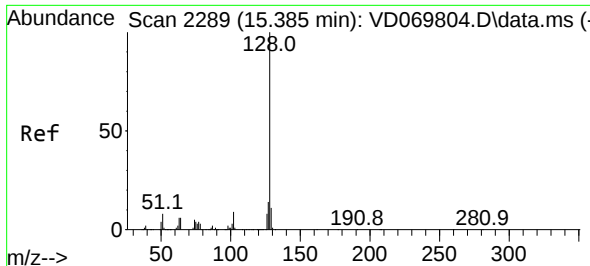
Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.6	142.9
145	36.4	16.4	49.2



#94
Hexachlorobutadiene
Concen: 2.648 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.3	31.5	94.5
227	64.6	31.9	95.7

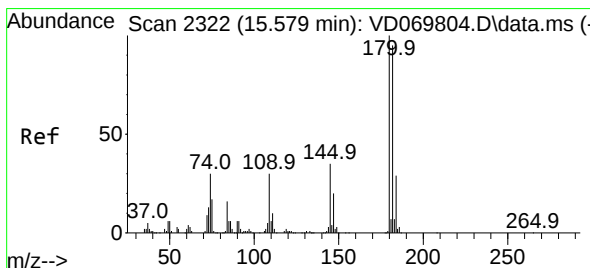
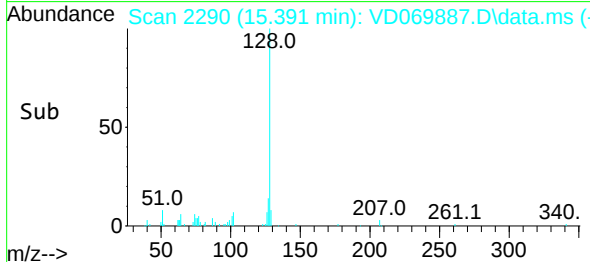
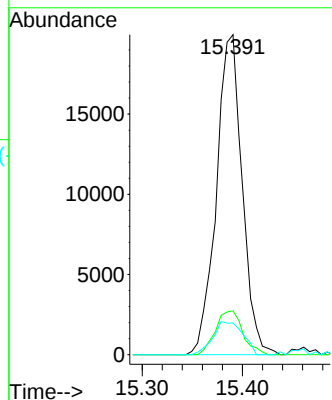
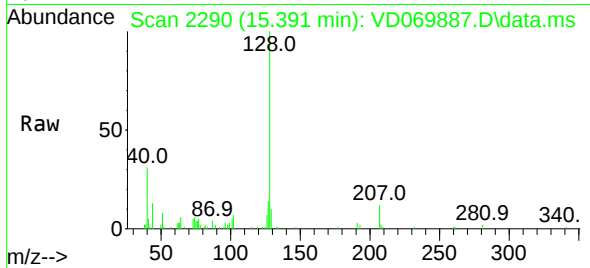




#95
Naphthalene
Concen: 2.421 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion:128	Resp:	35672
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.6 16.0
129	11.9	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.547 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD069887.D
Acq: 28 Jul 2021 14:28

Tgt Ion:180	Resp:	18180
Ion Ratio	Lower	Upper
180	100	
182	92.4	47.3 142.0
145	41.3	17.3 51.9

