

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072154.D
 Acq On : 11 Mar 2022 17:08
 Operator : VA/SY
 Sample : N1645-01 4.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 14 04:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 04:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	325047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	536026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	507505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217614	60.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.140%	
35) Dibromofluoromethane	7.914	113	205887	54.582	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.160%	
50) Toluene-d8	10.338	98	723172	52.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.626	95	274034	51.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.260%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.985	85	8525	2.836	ug/l	99
3) Chloromethane	2.209	50	8565	3.206	ug/l	95
4) Vinyl Chloride	2.350	62	6944	2.693	ug/l	92
5) Bromomethane	2.773	94	5677	3.381	ug/l	89
6) Chloroethane	2.926	64	4982	2.922	ug/l	94
7) Trichlorofluoromethane	3.267	101	16488	2.831	ug/l	85
8) Diethyl Ether	3.703	74	5294	3.291	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	10621	2.860	ug/l #	34
10) Methyl Iodide	4.309	142	7666	2.582	ug/l #	95
11) Tert butyl alcohol	5.203	59	1490	7.094	ug/l	99
12) 1,1-Dichloroethene	4.073	96	8134	2.723	ug/l #	72
13) Acrolein	3.926	56	3733	19.918	ug/l #	62
14) Allyl chloride	4.714	41	13739	2.630	ug/l #	80
15) Acrylonitrile	5.420	53	14443	17.796	ug/l	94
16) Acetone	4.156	43	15550	19.771	ug/l #	85
17) Carbon Disulfide	4.409	76	13907	2.283	ug/l	96
18) Methyl Acetate	4.726	43	7273	3.773	ug/l #	55
19) Methyl tert-butyl Ether	5.485	73	25493	3.140	ug/l #	88
20) Methylene Chloride	4.967	84	35737	7.560	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	8286	2.508	ug/l #	83
22) Diisopropyl ether	6.361	45	33824	2.839	ug/l #	95
23) Vinyl Acetate	6.303	43	89651	14.745	ug/l #	90
24) 1,1-Dichloroethane	6.261	63	20973	2.985	ug/l	96
25) 2-Butanone	7.214	43	17651	16.832	ug/l	91
26) 2,2-Dichloropropane	7.203	77	17583	2.774	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	12699	3.010	ug/l	89
28) Bromochloromethane	7.538	49	9263	3.275	ug/l	88
29) Tetrahydrofuran	7.561	42	10581	17.159	ug/l	99
30) Chloroform	7.708	83	23604	3.153	ug/l	97
31) Cyclohexane	7.985	56	19473	3.441	ug/l #	48
32) 1,1,1-Trichloroethane	7.903	97	17923	2.696	ug/l	99
36) 1,1-Dichloropropene	8.114	75	13064	2.469	ug/l #	94
37) Ethyl Acetate	7.297	43	8354	3.604	ug/l #	95
38) Carbon Tetrachloride	8.103	117	15619	2.597	ug/l #	82
39) Methylcyclohexane	9.350	83	13165	2.211	ug/l #	87
40) Benzene	8.350	78	41926	2.777	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	4361	3.228	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	13932	3.042	ug/l	96
43) Isopropyl Acetate	8.444	43	15347	3.411	ug/l #	92
44) Trichloroethene	9.108	130	12241	2.888	ug/l	76
45) 1,2-Dichloropropane	9.385	63	12730	3.075	ug/l	99
46) Dibromomethane	9.473	93	6776	3.327	ug/l	91
47) Bromodichloromethane	9.655	83	19388	3.265	ug/l #	93
48) Methyl methacrylate	9.444	41	7098	3.304	ug/l	98
49) 1,4-Dioxane	9.450	88	1915	78.411	ug/l #	67
51) 4-Methyl-2-Pentanone	10.226	43	36327	15.373	ug/l	95
52) Toluene	10.402	92	27135	2.732	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	15238	2.809	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	17434	2.780	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	10187	3.283	ug/l #	90
56) Ethyl methacrylate	10.655	69	10912	3.003	ug/l #	89
57) 1,3-Dichloropropane	10.938	76	15477	2.972	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	23470	14.364	ug/l	100
59) 2-Hexanone	10.979	43	24766	15.175	ug/l	97
60) Dibromochloromethane	11.132	129	13241	3.289	ug/l	95
61) 1,2-Dibromoethane	11.244	107	9208	3.285	ug/l	93
64) Tetrachloroethene	10.873	164	9941	2.780	ug/l	93
65) Chlorobenzene	11.667	112	32698	2.906	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	13529	3.041	ug/l	99
67) Ethyl Benzene	11.738	91	50221	2.499	ug/l	94
68) m/p-Xylenes	11.849	106	37031	4.853	ug/l	98
69) o-Xylene	12.173	106	17979	2.463	ug/l	99
70) Styrene	12.185	104	32856	2.578	ug/l	94
71) Bromoform	12.349	173	7299	3.071	ug/l #	95
73) Isopropylbenzene	12.467	105	47706	2.308	ug/l	98
74) N-amyl acetate	12.279	43	13584	3.059	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	13005	3.519	ug/l	93
76) 1,2,3-Trichloropropane	12.773	75	14648	5.092	ug/l #	100
77) Bromobenzene	12.749	156	13083	2.813	ug/l	98
78) n-propylbenzene	12.814	91	59697	2.378	ug/l	96
79) 2-Chlorotoluene	12.896	91	37901	2.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	44526	2.508	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.620	75	134909	116.357	ug/l #	7
82) 4-Chlorotoluene	12.996	91	39485	2.627	ug/l	98
83) tert-Butylbenzene	13.214	119	37576	2.414	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	45907	2.624	ug/l	99
85) sec-Butylbenzene	13.390	105	56246	2.406	ug/l	100
86) p-Isopropyltoluene	13.502	119	44117	2.294	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	27480	2.819	ug/l	96
88) 1,4-Dichlorobenzene	13.585	146	28476	2.946	ug/l	90
89) n-Butylbenzene	13.832	91	44086	2.405	ug/l	100
90) Hexachloroethane	14.096	117	10232	2.714	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	25462	2.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1946	3.299	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	16669	2.962	ug/l	94
94) Hexachlorobutadiene	15.255	225	8595	2.626	ug/l	96
95) Naphthalene	15.384	128	26811	2.764	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.579	180	14916	3.062	ug/l	99

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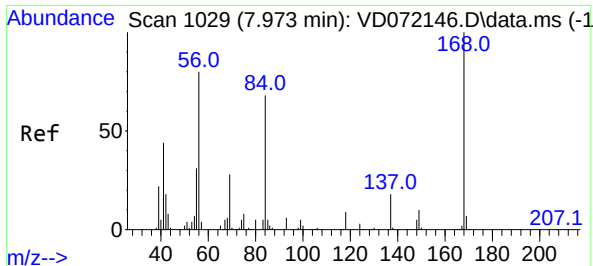
Quant Time: Mar 14 04:13:00 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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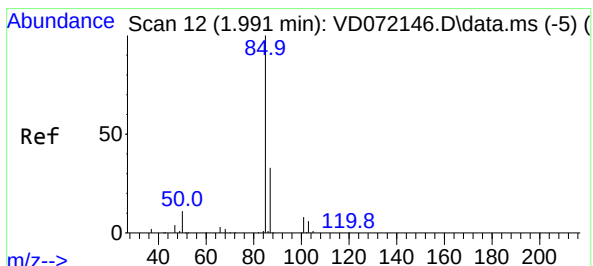
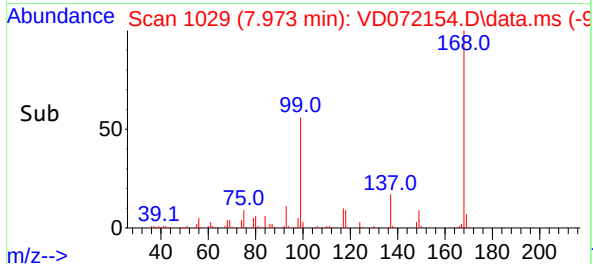
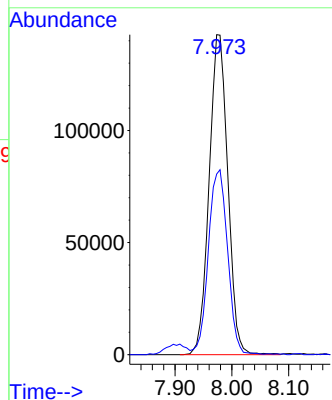
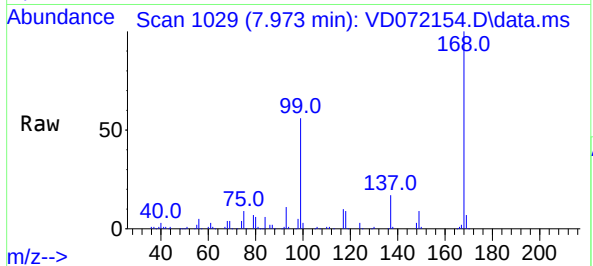




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072154.D
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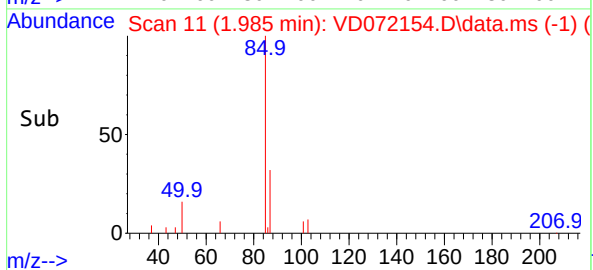
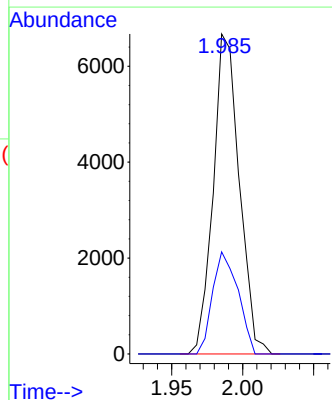
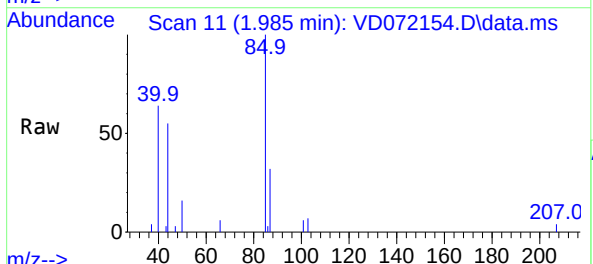
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:168 Resp: 325047
Ion Ratio Lower Upper
168 100
99 56.3 49.8 74.6

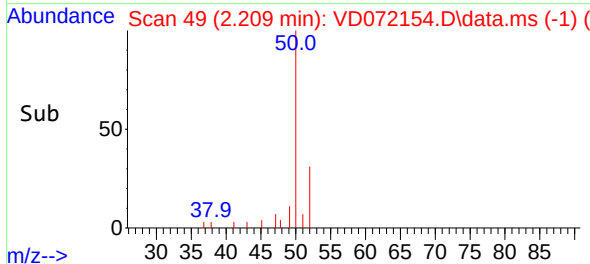
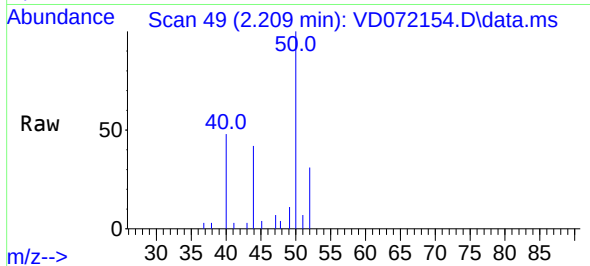
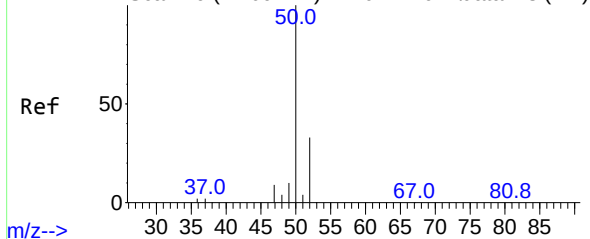


#2
Dichlorodifluoromethane
Concen: 2.836 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 85 Resp: 8525
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 3.206 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

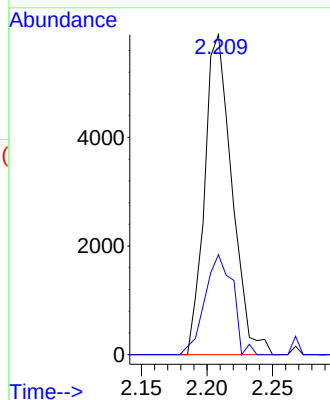
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 50 Resp: 8565

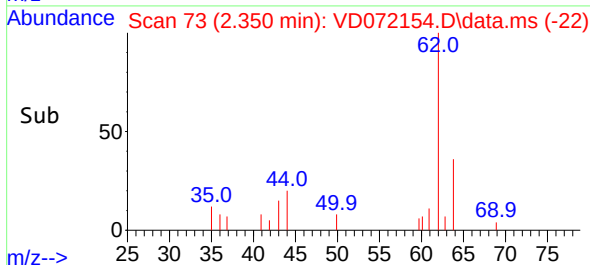
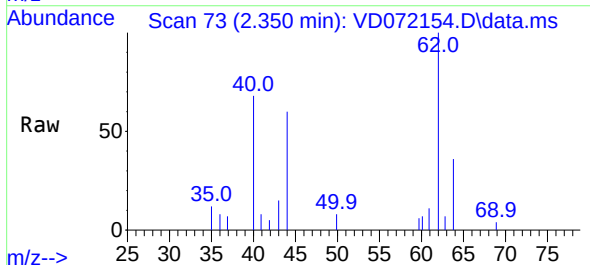
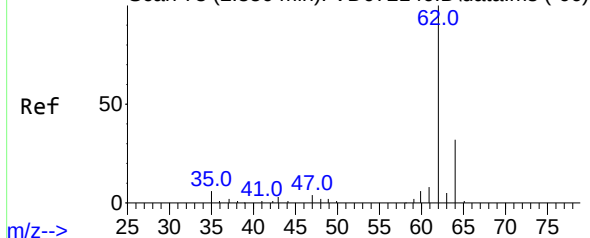
Ion Ratio Lower Upper

50 100

52 31.3 27.4 41.0



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 2.693 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072154.D

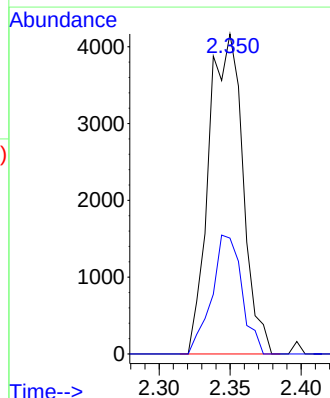
Acq: 11 Mar 2022 17:08

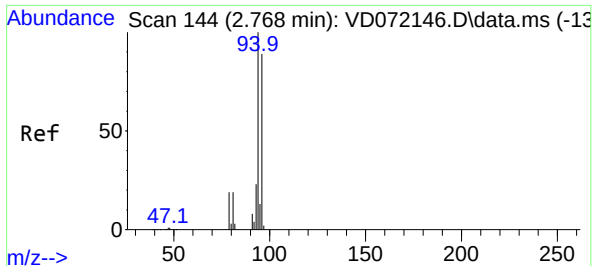
Tgt Ion: 62 Resp: 6944

Ion Ratio Lower Upper

62 100

64 36.2 25.4 38.0

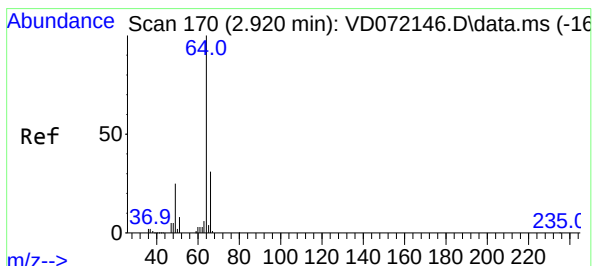
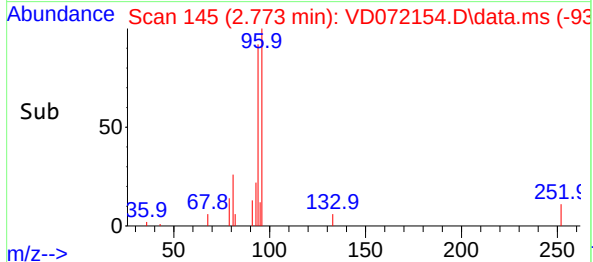
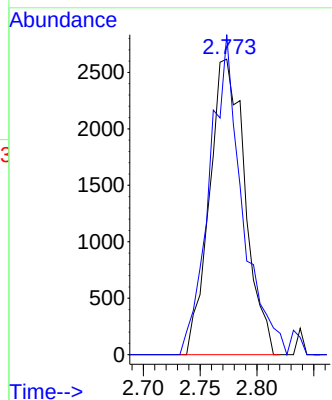
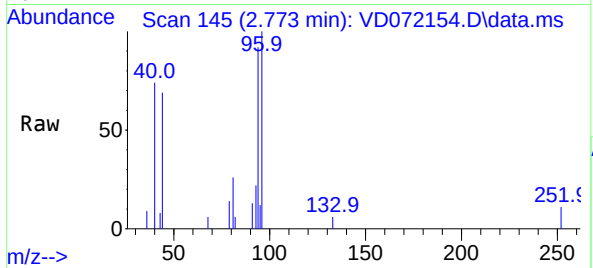




#5
Bromomethane
Concen: 3.381 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

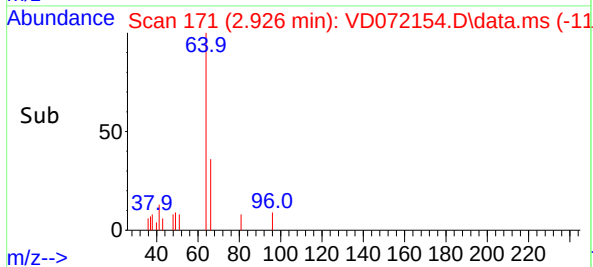
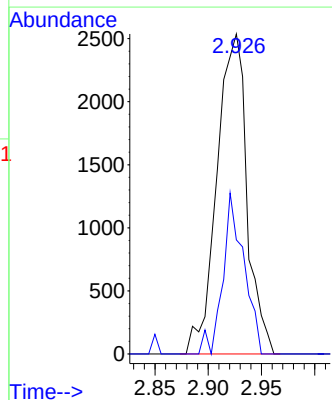
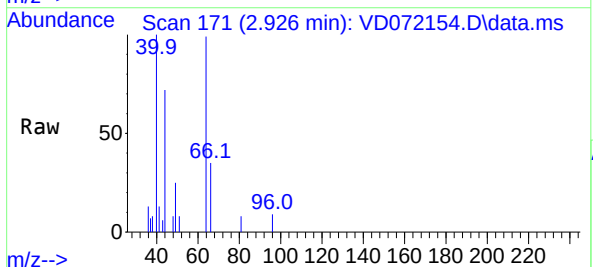
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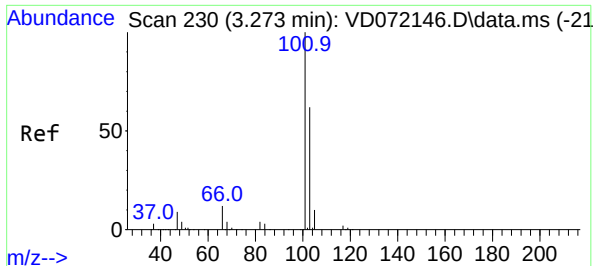
Tgt Ion: 94 Resp: 5677
Ion Ratio Lower Upper
94 100
96 108.3 77.6 116.4



#6
Chloroethane
Concen: 2.922 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 64 Resp: 4982
Ion Ratio Lower Upper
64 100
66 35.6 25.9 38.9

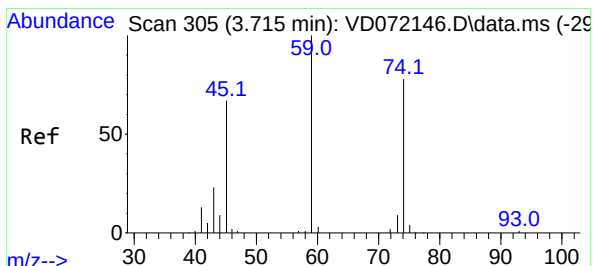
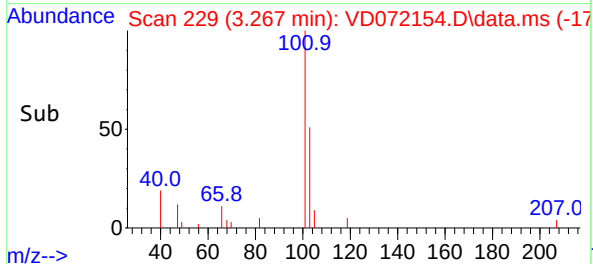
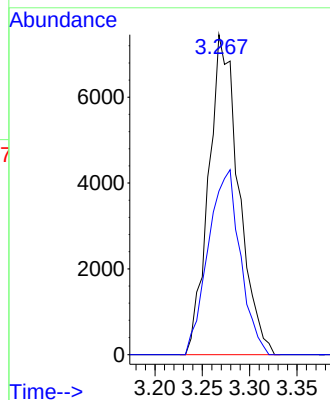
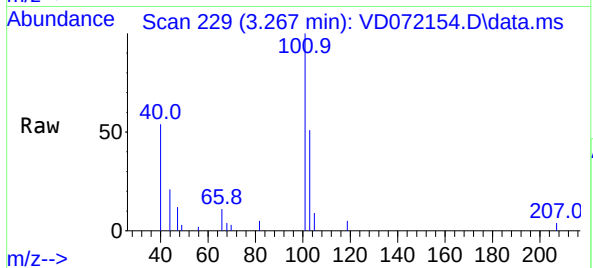




#7
 Trichlorofluoromethane
 Concen: 2.831 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072154.D
 Acq: 11 Mar 2022 17:08

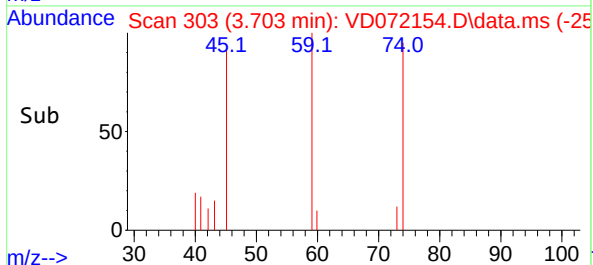
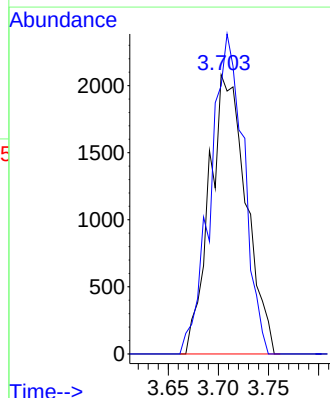
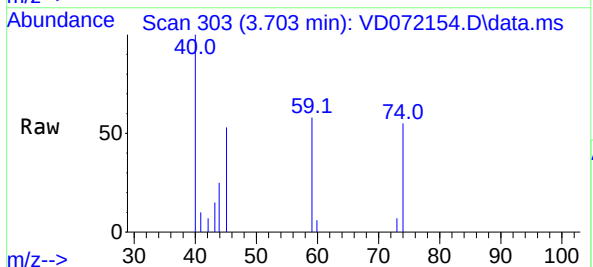
Instrument :
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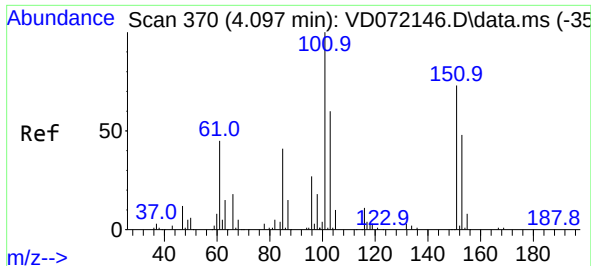
Tgt Ion:101 Resp: 16488
 Ion Ratio Lower Upper
 101 100
 103 51.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 3.291 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.012 min
 Lab File: VD072154.D
 Acq: 11 Mar 2022 17:08

Tgt Ion: 74 Resp: 5294
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.6 157.8

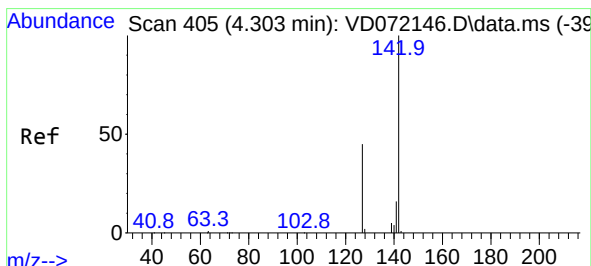
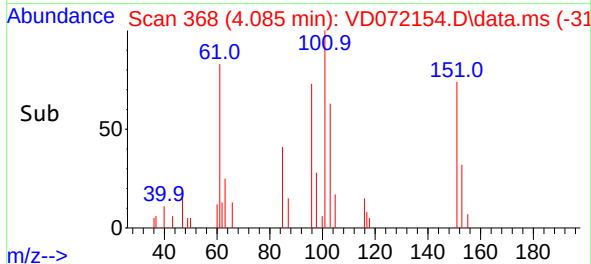
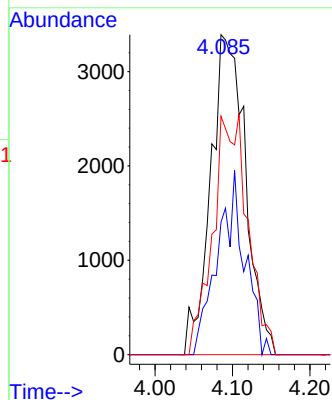
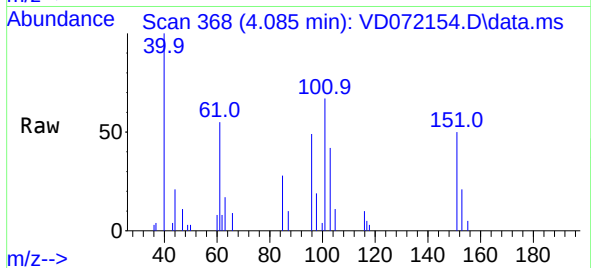




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.860 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

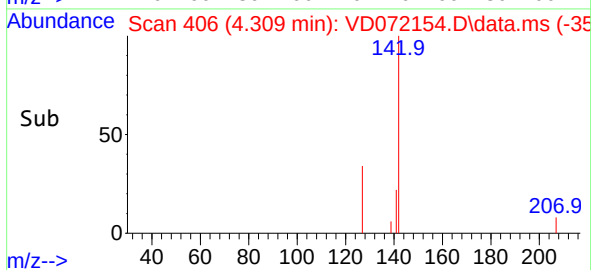
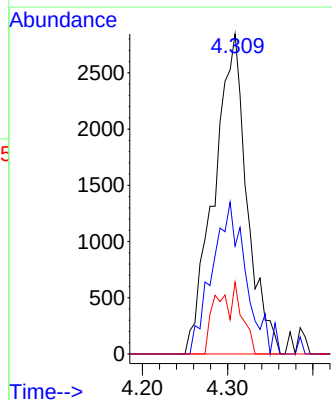
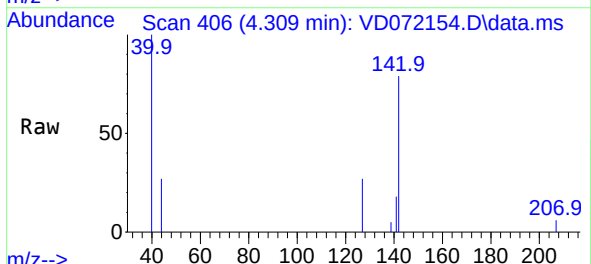
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

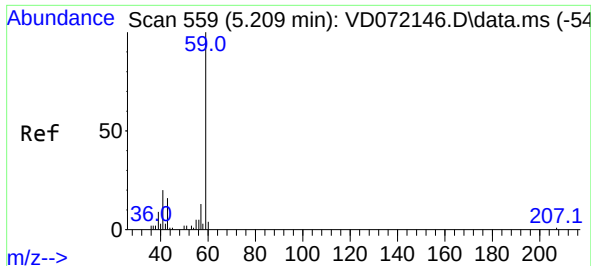
Tgt Ion:101 Resp: 10621
Ion Ratio Lower Upper
101 100
85 23.5 36.4 54.6#
151 0.0 57.3 85.9#



#10
Methyl Iodide
Concen: 2.582 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:142 Resp: 7666
Ion Ratio Lower Upper
142 100
127 48.8 37.3 55.9
141 10.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 7.094 ug/l

RT: 5.203 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD072154.D

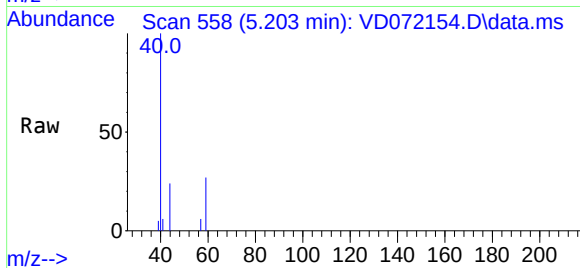
Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

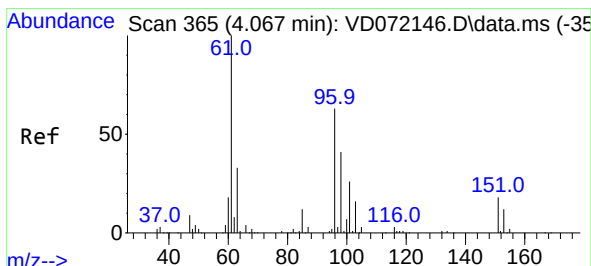
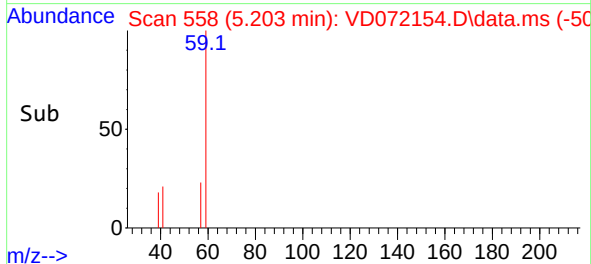
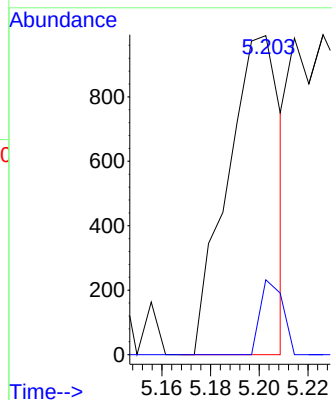


Tgt Ion: 59 Resp: 1490

Ion Ratio Lower Upper

59 100

57 10.0 7.8 11.6



#12

1,1-Dichloroethene

Concen: 2.723 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.006 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

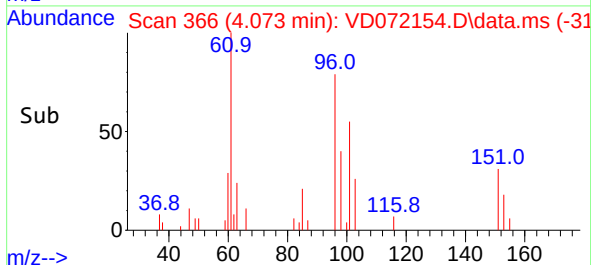
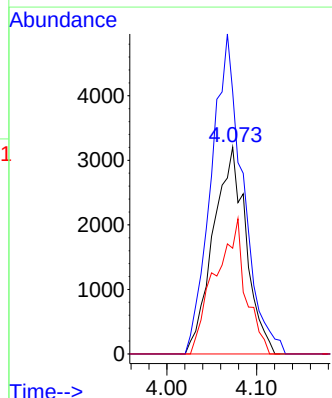
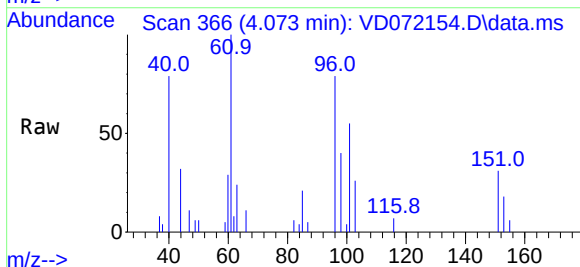
Tgt Ion: 96 Resp: 8134

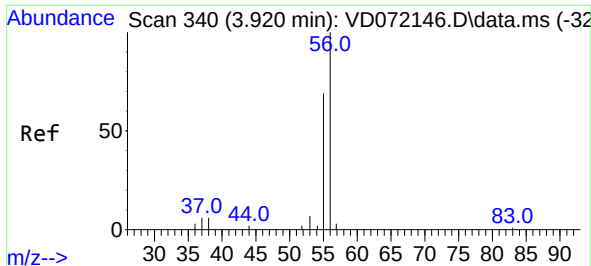
Ion Ratio Lower Upper

96 100

61 126.7 138.5 207.7#

98 51.1 48.6 73.0

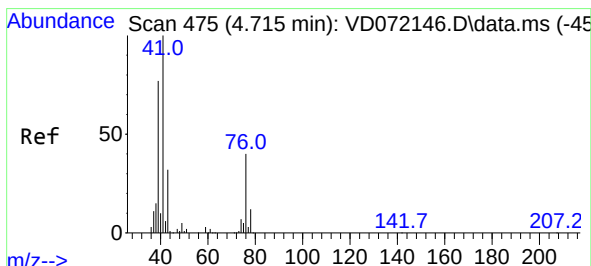
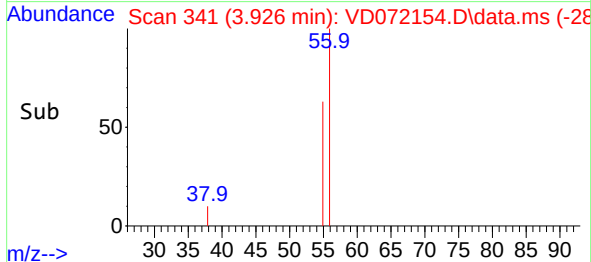
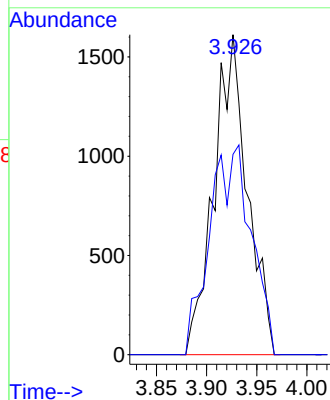
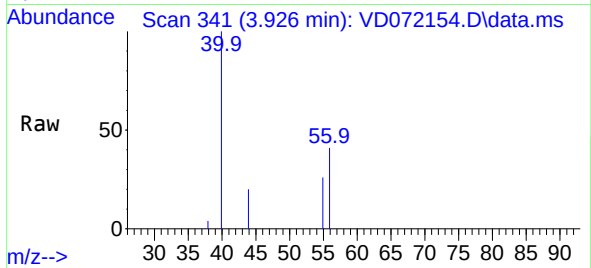




#13
Acrolein
Concen: 19.918 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

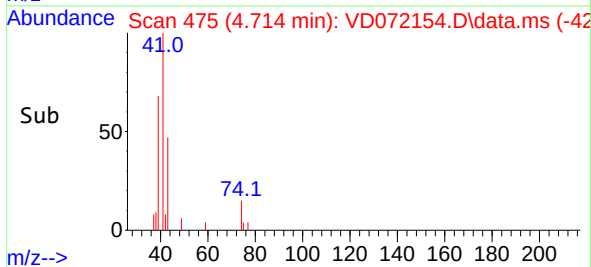
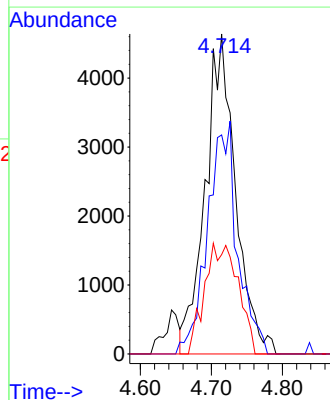
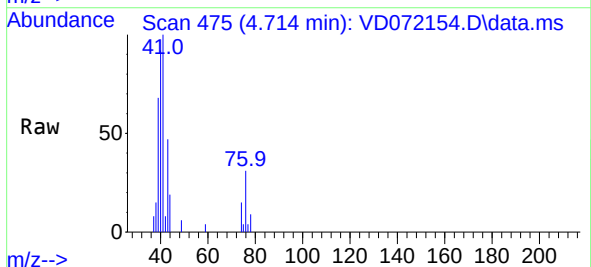
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

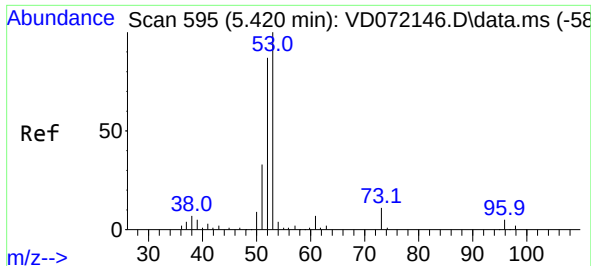
Tgt Ion: 56 Resp: 3733
Ion Ratio Lower Upper
56 100
55 39.5 57.1 85.7#



#14
Allyl chloride
Concen: 2.630 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 41 Resp: 13739
Ion Ratio Lower Upper
41 100
39 71.3 59.3 88.9
76 0.0 25.7 38.5#

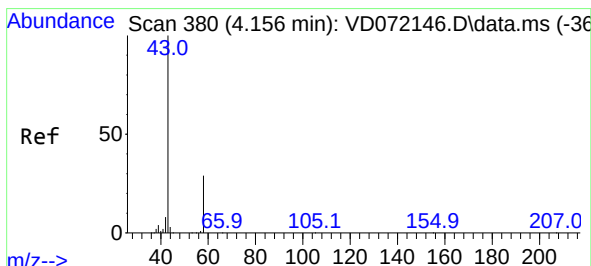
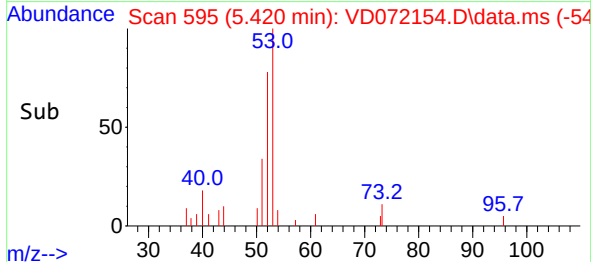
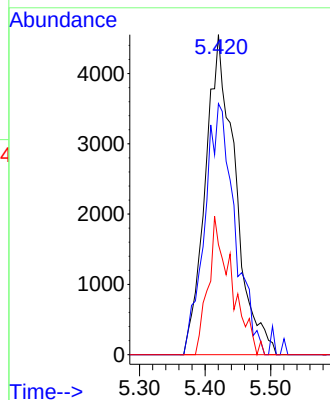
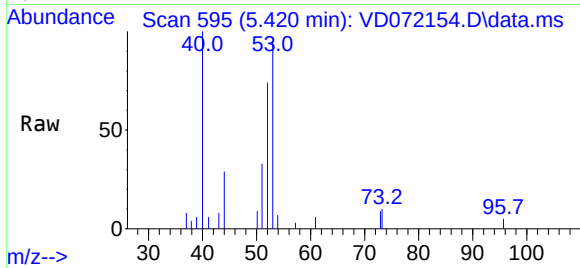




#15
Acrylonitrile
Concen: 17.796 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

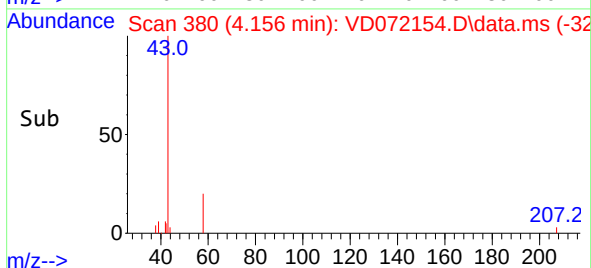
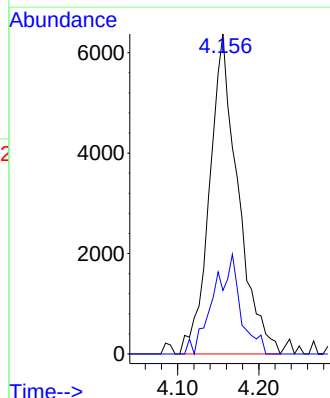
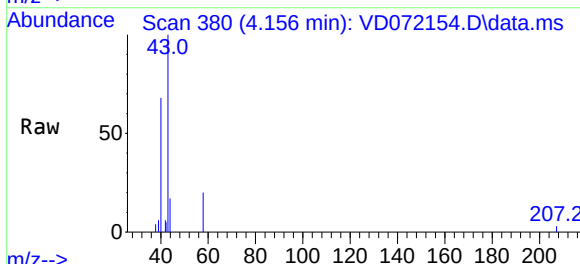
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

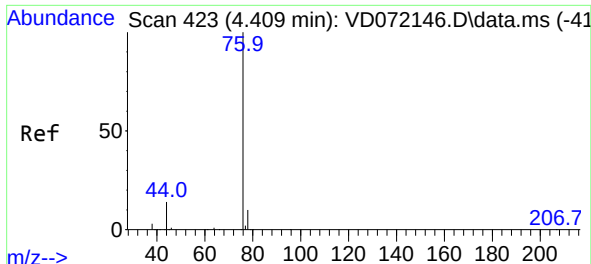
Tgt Ion:	53	Resp:	14443
Ion	Ratio	Lower	Upper
53	100		
52	78.8	67.2	100.8
51	33.8	30.3	45.5



#16
Acetone
Concen: 19.771 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:	43	Resp:	15550
Ion	Ratio	Lower	Upper
43	100		
58	19.9	22.1	33.1#

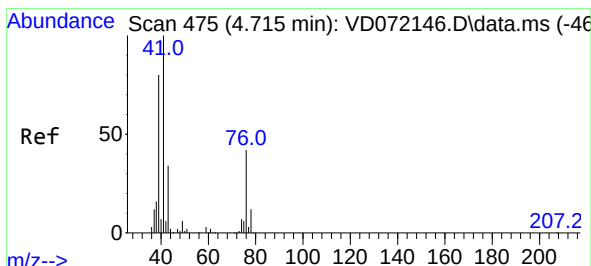
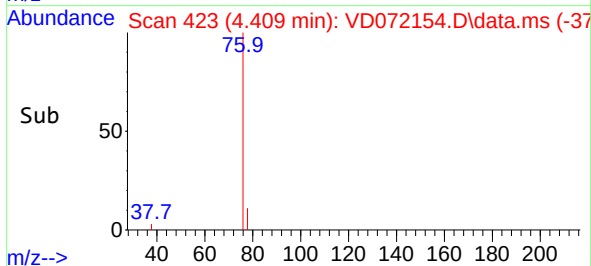
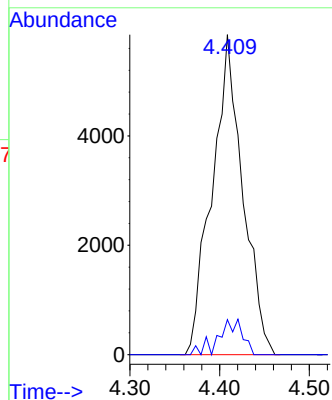
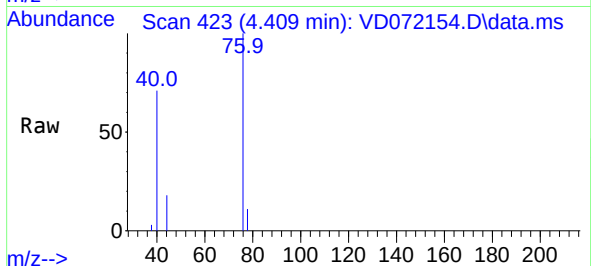




#17
Carbon Disulfide
Concen: 2.283 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

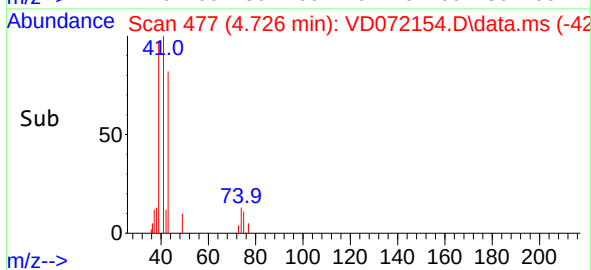
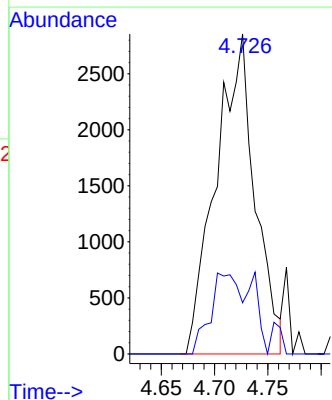
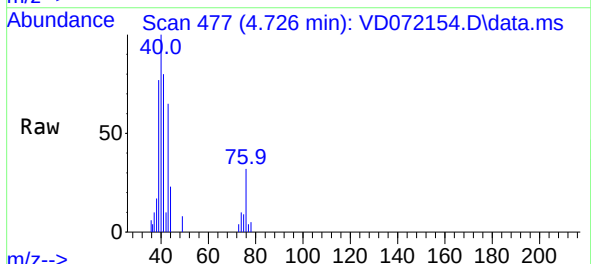
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

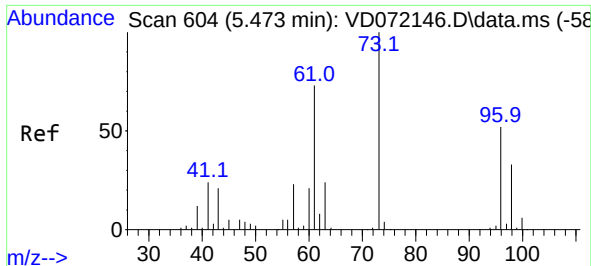
Tgt Ion: 76 Resp: 13907
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#18
Methyl Acetate
Concen: 3.773 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 43 Resp: 7273
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

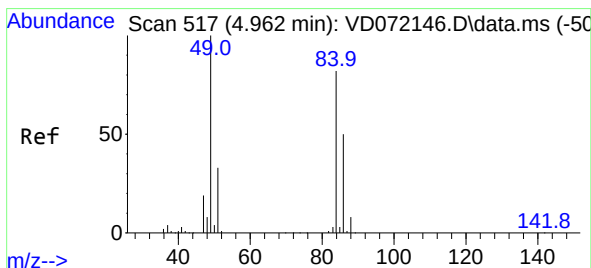
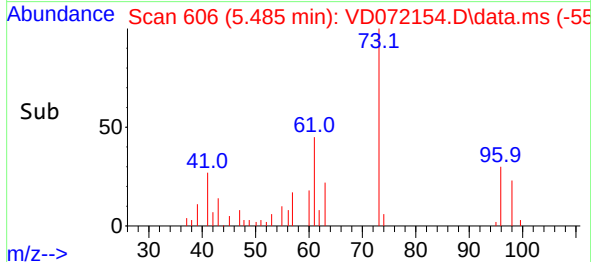
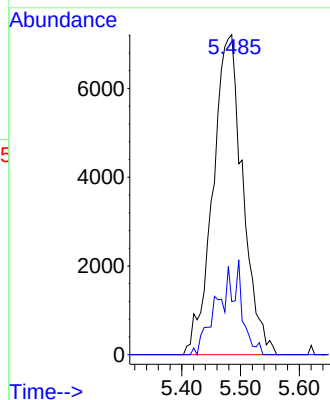
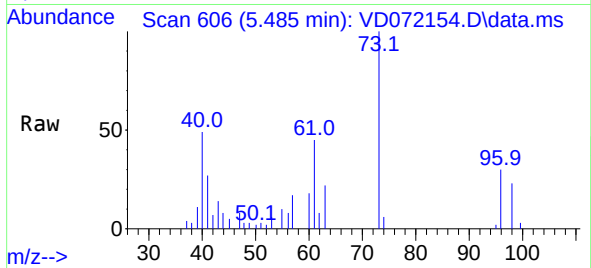




#19
Methyl tert-butyl Ether
Concen: 3.140 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

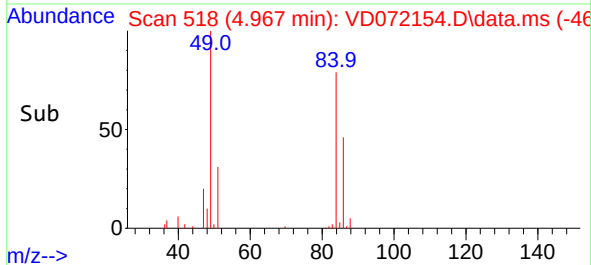
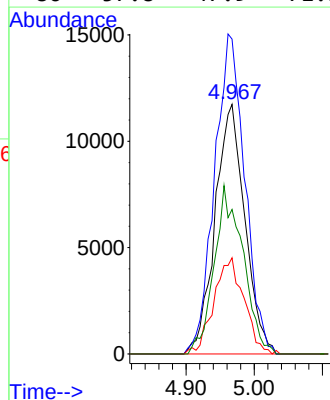
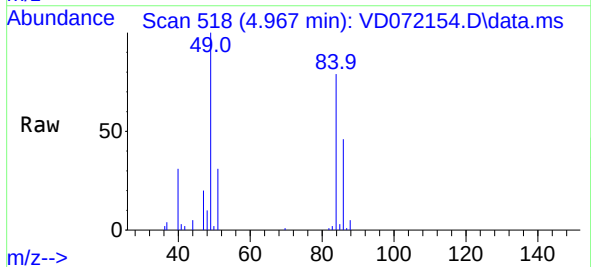
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

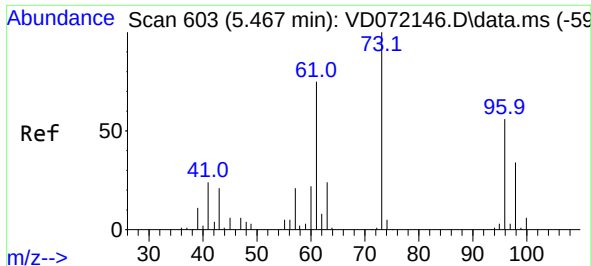
Tgt Ion: 73 Resp: 25493
Ion Ratio Lower Upper
73 100
57 16.6 18.0 27.0#



#20
Methylene Chloride
Concen: 7.560 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 84 Resp: 35737
Ion Ratio Lower Upper
84 100
49 126.1 112.8 169.2
51 38.5 32.6 48.8
86 57.8 47.9 71.9

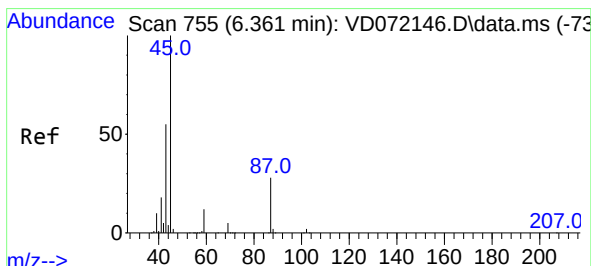
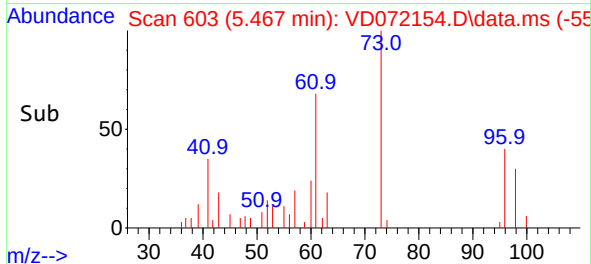
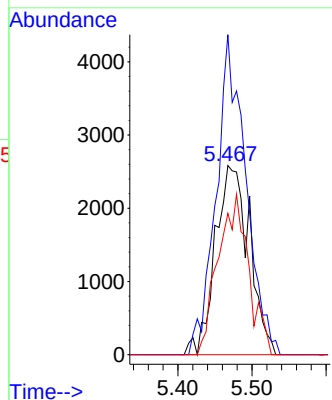
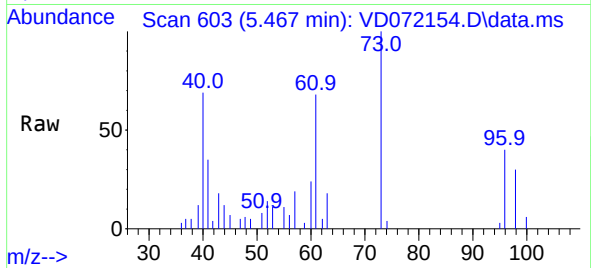




#21
trans-1,2-Dichloroethene
Concen: 2.508 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

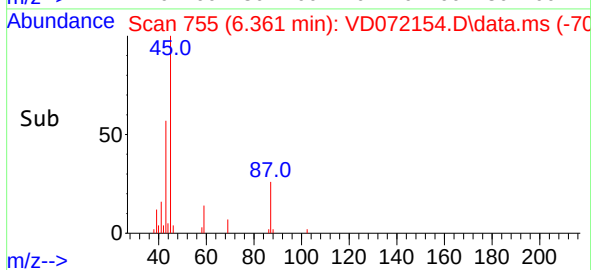
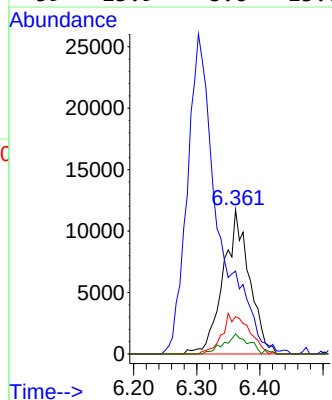
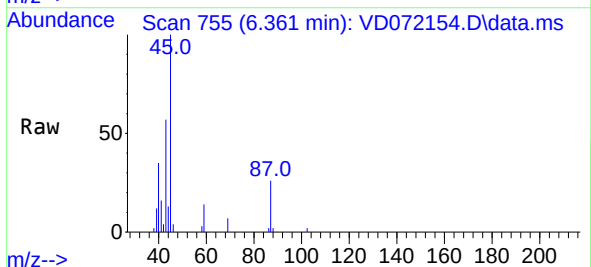
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

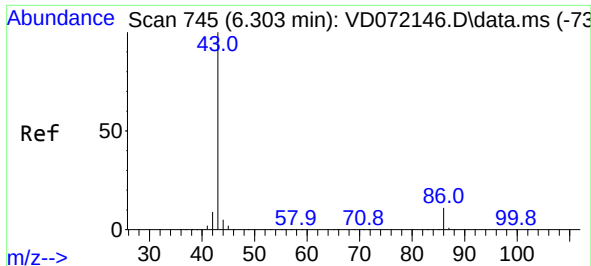
Tgt Ion: 96 Resp: 8286
Ion Ratio Lower Upper
96 100
61 169.2 117.9 176.9
98 74.8 49.4 74.2#



#22
Diisopropyl ether
Concen: 2.839 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 45 Resp: 33824
Ion Ratio Lower Upper
45 100
43 55.5 46.6 70.0
87 25.8 18.4 27.6
59 13.9 8.6 13.0#

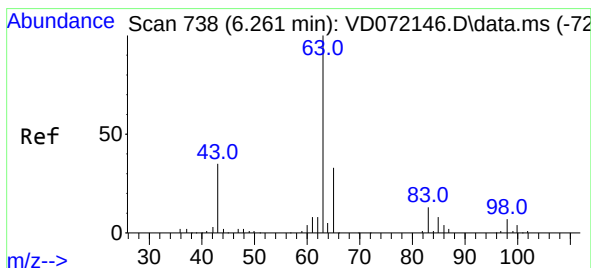
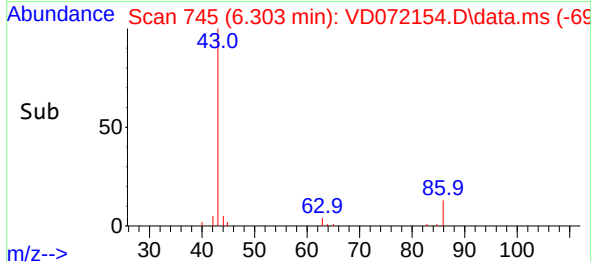
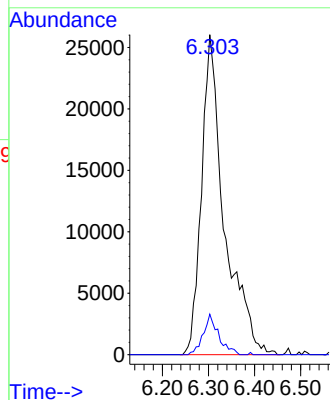
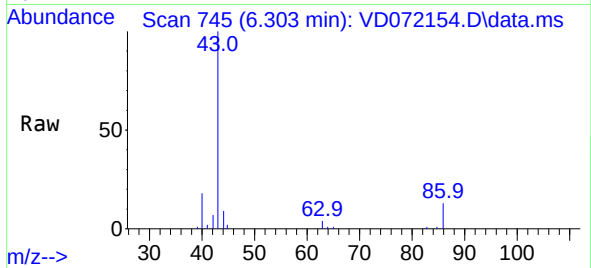




#23
 Vinyl Acetate
 Concen: 14.745 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072154.D
 Acq: 11 Mar 2022 17:08

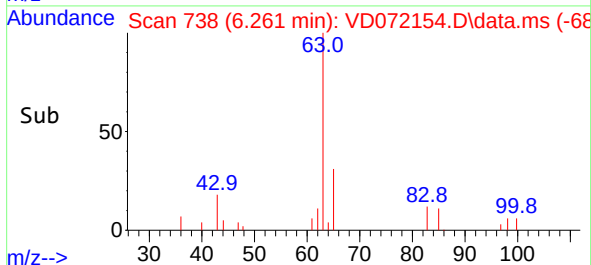
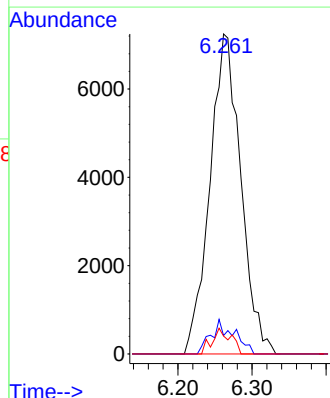
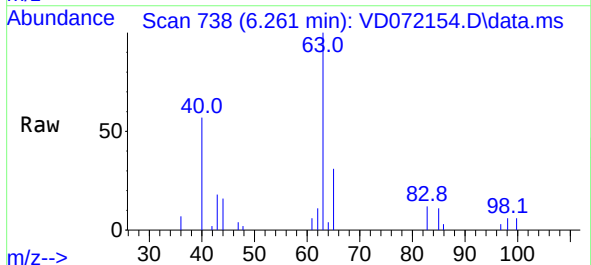
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

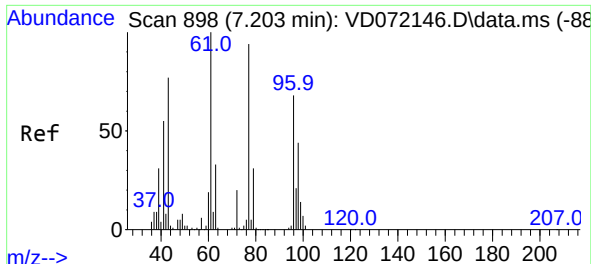
Tgt Ion: 43 Resp: 89651
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 2.985 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072154.D
 Acq: 11 Mar 2022 17:08

Tgt Ion: 63 Resp: 20973
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.6 10.9
 100 5.6 2.1 6.5

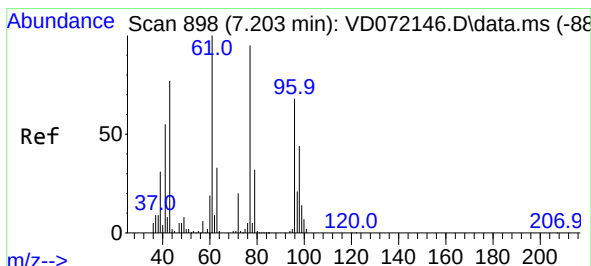
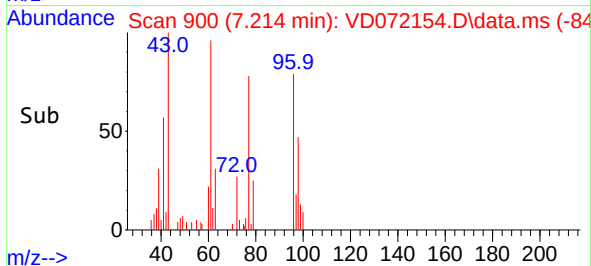
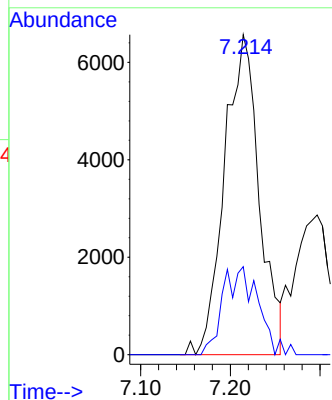
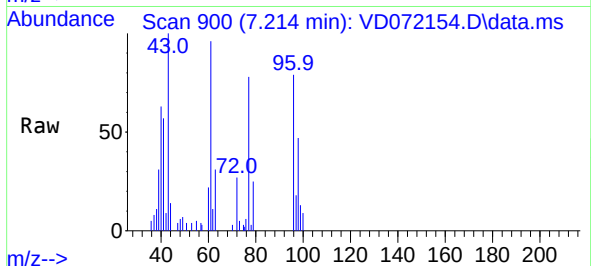




#25
2-Butanone
Concen: 16.832 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

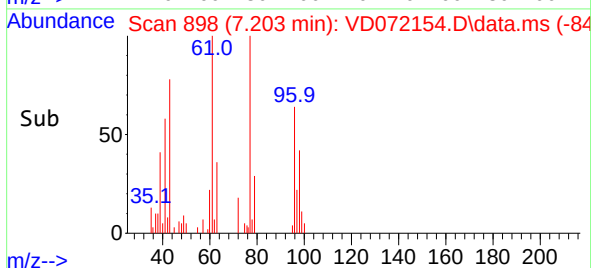
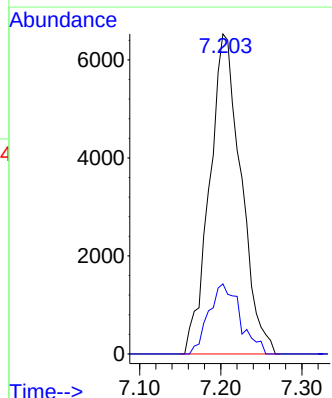
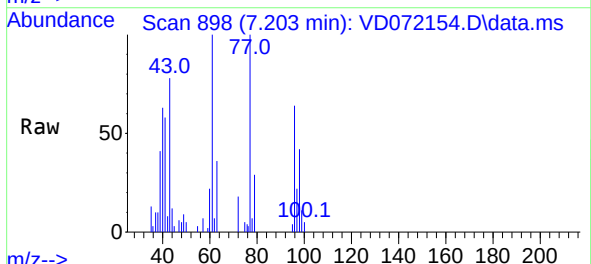
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

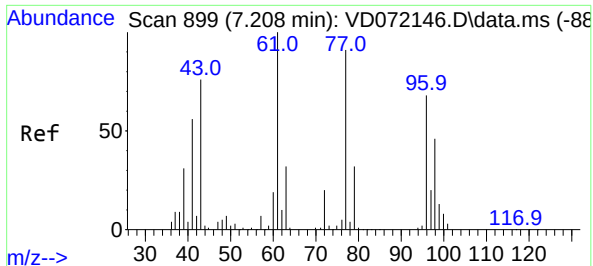
Tgt Ion: 43 Resp: 17651
Ion Ratio Lower Upper
43 100
72 27.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 2.774 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 77 Resp: 17583
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4



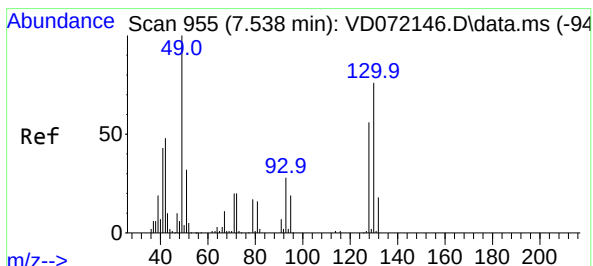
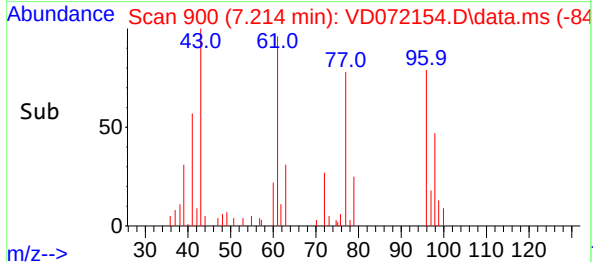
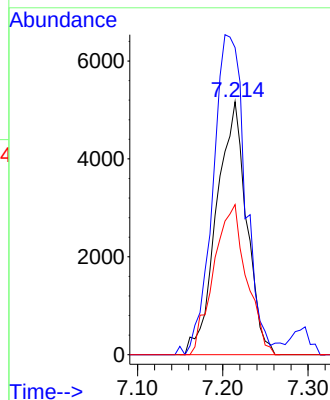
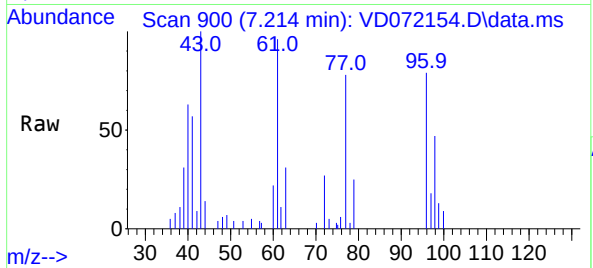


#27
cis-1,2-Dichloroethene
Concen: 3.010 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 96 Resp: 12699

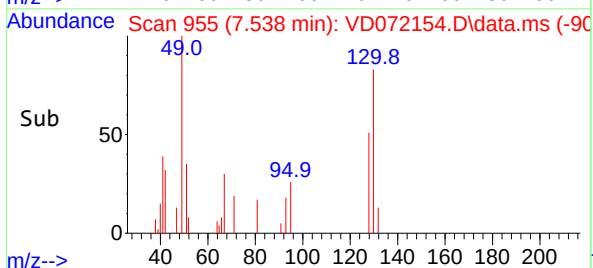
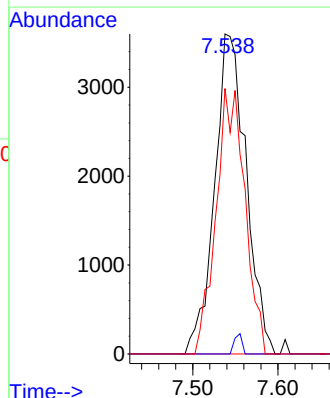
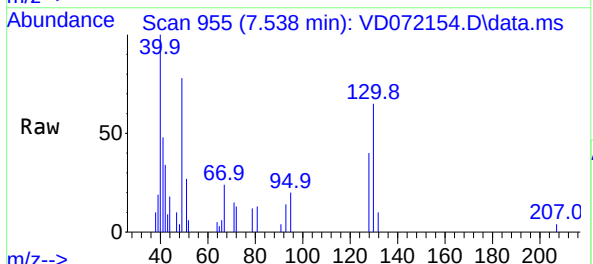
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	313.8
98	64.7	0.0	128.8

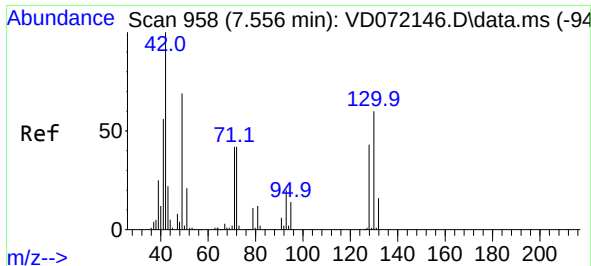


#28
Bromochloromethane
Concen: 3.275 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 49 Resp: 9263

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	75.7	52.6	79.0





#29

Tetrahydrofuran

Concen: 17.159 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

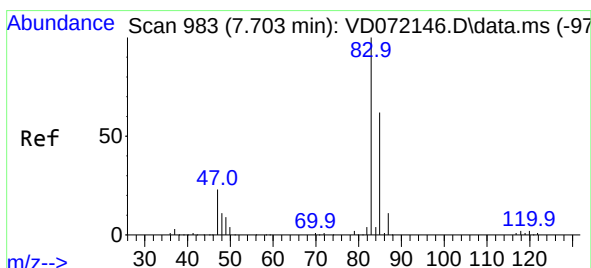
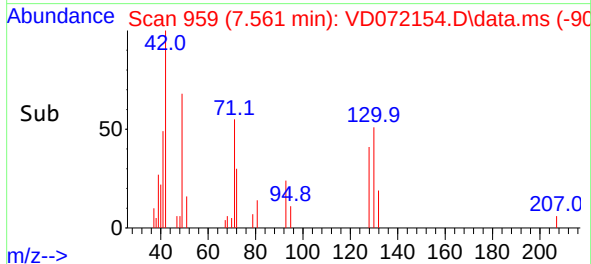
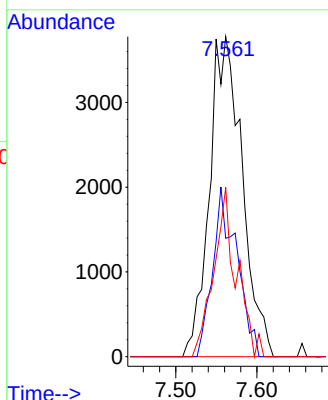
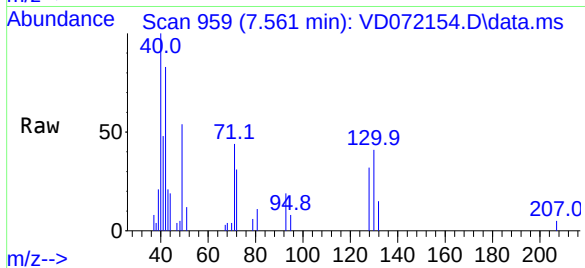
Tgt Ion: 42 Resp: 10581

Ion Ratio Lower Upper

42 100

72 38.9 30.7 46.1

71 36.8 28.6 43.0



#30

Chloroform

Concen: 3.153 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD072154.D

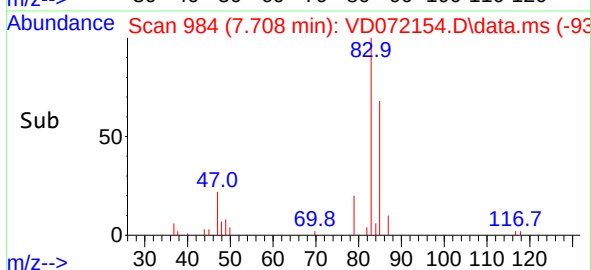
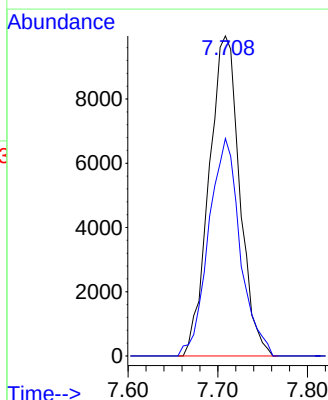
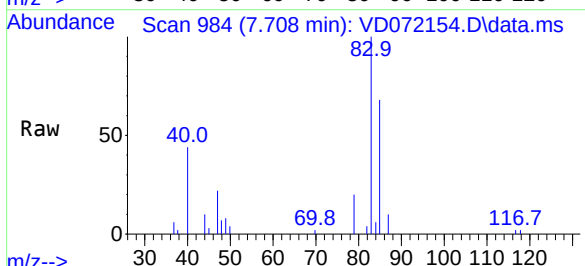
Acq: 11 Mar 2022 17:08

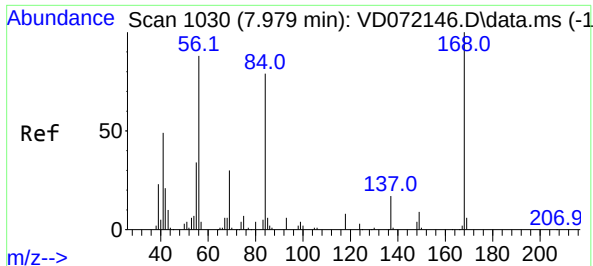
Tgt Ion: 83 Resp: 23604

Ion Ratio Lower Upper

83 100

85 67.9 52.7 79.1





#31

Cyclohexane

Concen: 3.441 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

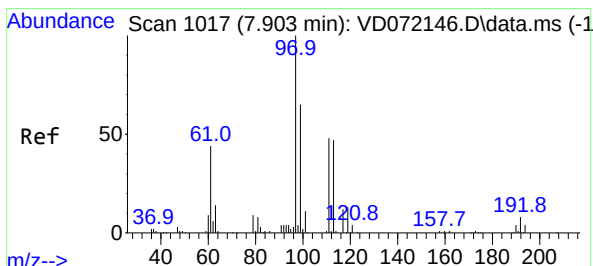
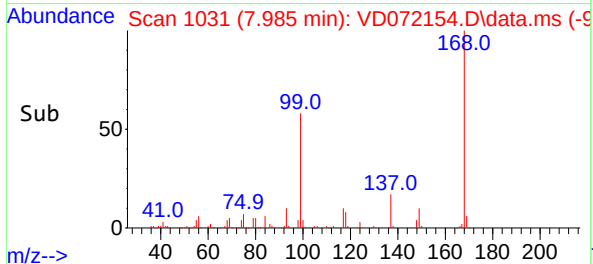
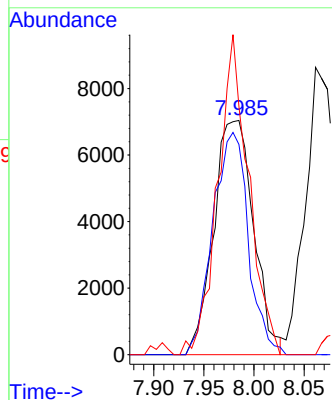
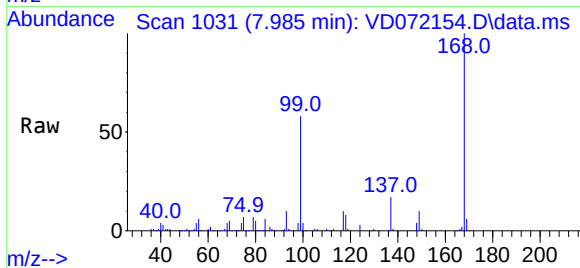
Tgt Ion: 56 Resp: 19473

Ion Ratio Lower Upper

56 100

69 89.7 25.4 38.2#

84 106.0 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 2.696 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

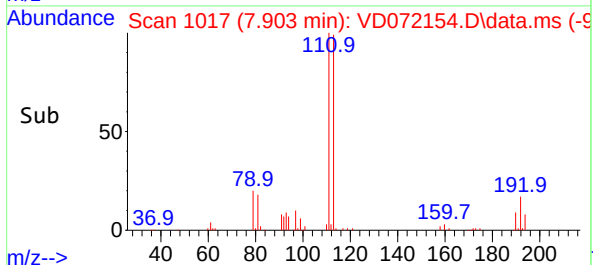
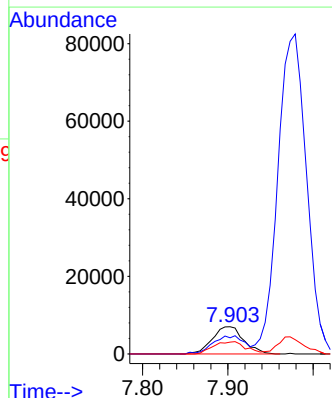
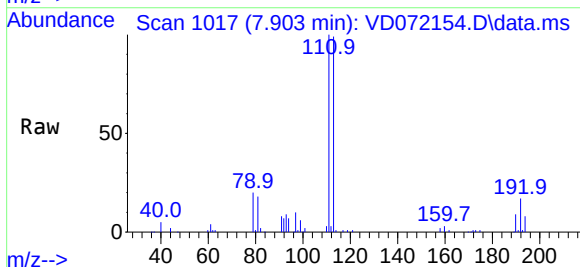
Tgt Ion: 97 Resp: 17923

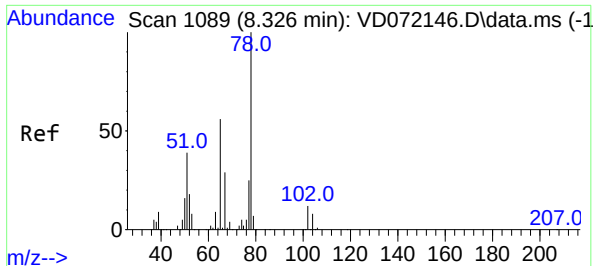
Ion Ratio Lower Upper

97 100

99 66.4 52.4 78.6

61 46.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 60.073 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

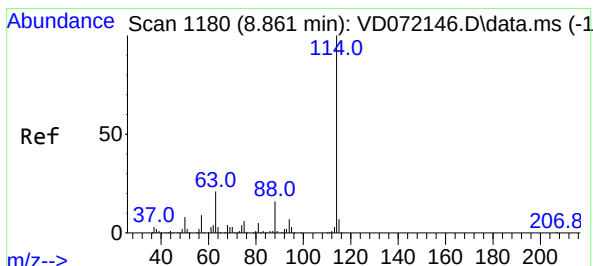
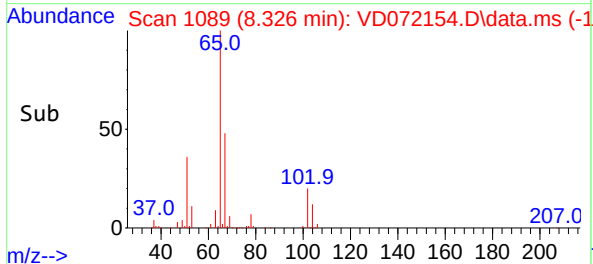
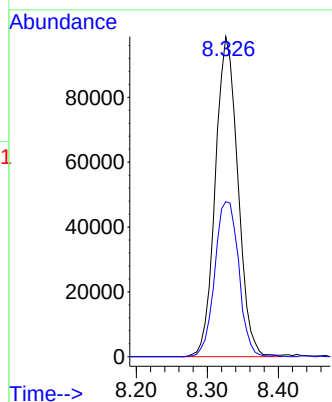
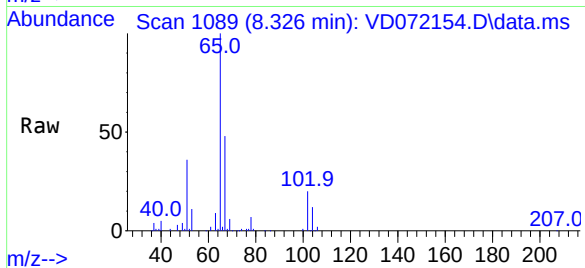
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 65 Resp: 217614

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

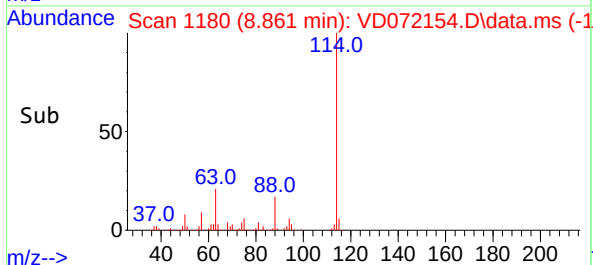
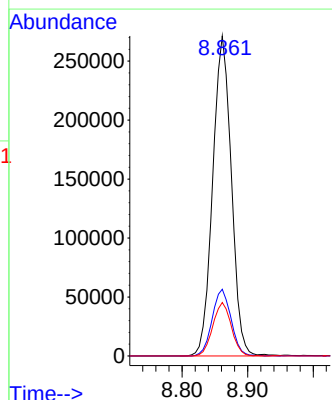
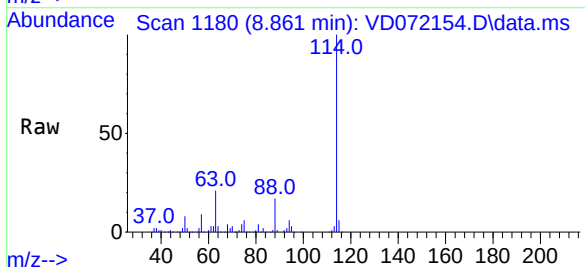
Tgt Ion: 114 Resp: 536026

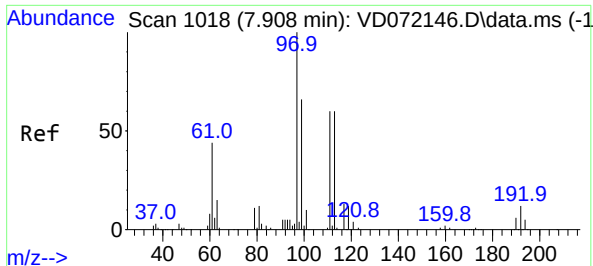
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.7 0.0 33.2

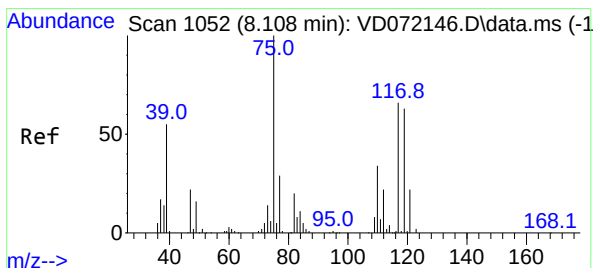
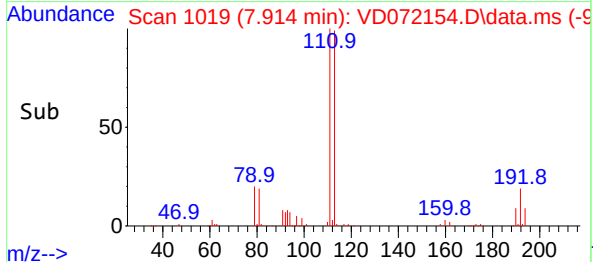
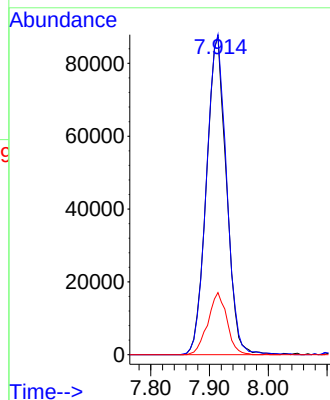
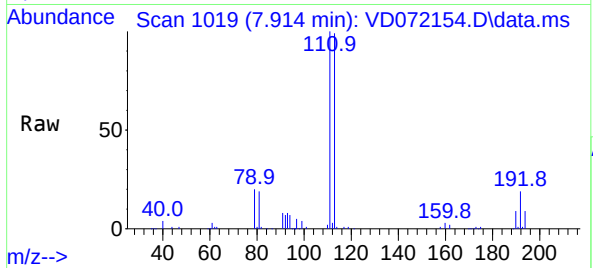




#35
Dibromofluoromethane
Concen: 54.582 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

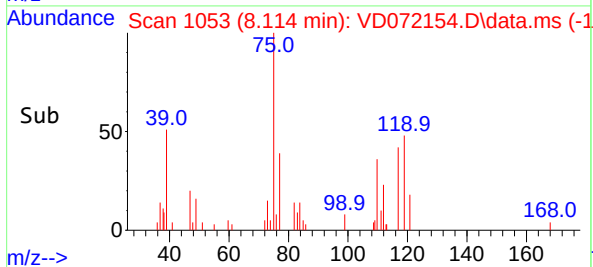
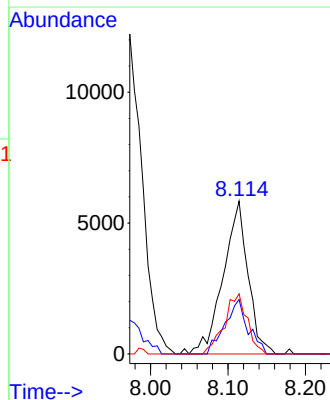
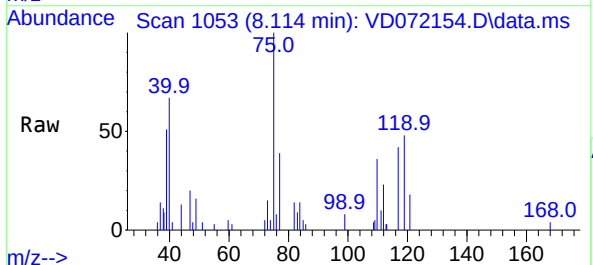
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

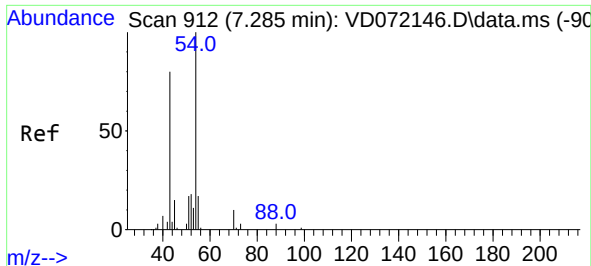
Tgt Ion:113 Resp: 205887
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 18.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 2.469 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 75 Resp: 13064
Ion Ratio Lower Upper
75 100
110 33.2 16.4 49.1
77 36.3 24.2 36.2#





#37

Ethyl Acetate

Concen: 3.604 ug/l

RT: 7.297 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

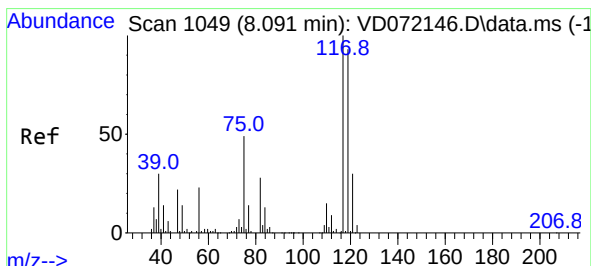
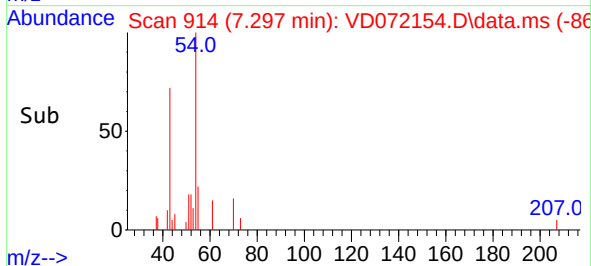
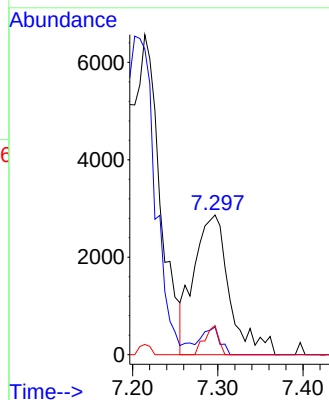
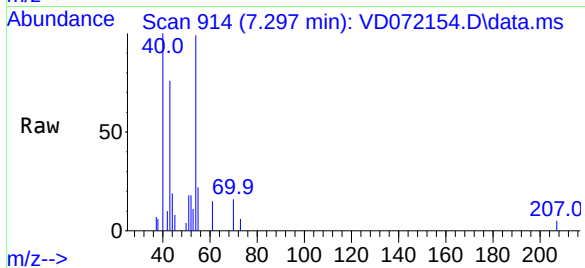
Tgt Ion: 43 Resp: 8354

Ion Ratio Lower Upper

43 100

61 9.7 9.8 14.8#

70 8.1 6.9 10.3



#38

Carbon Tetrachloride

Concen: 2.597 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.012 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

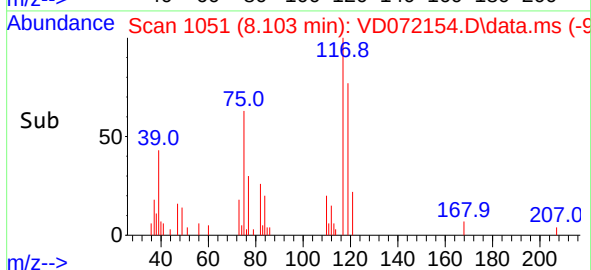
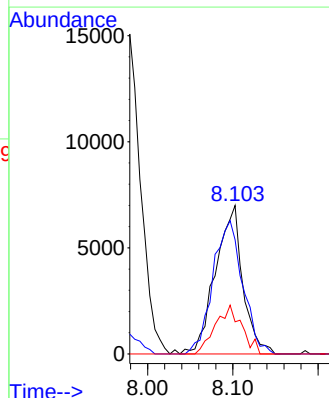
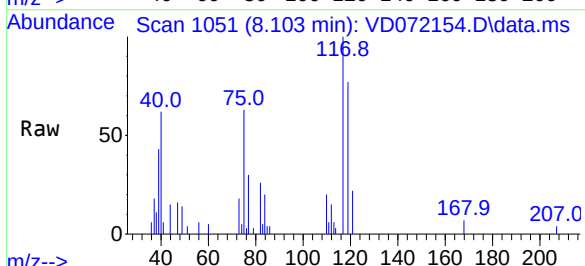
Tgt Ion: 117 Resp: 15619

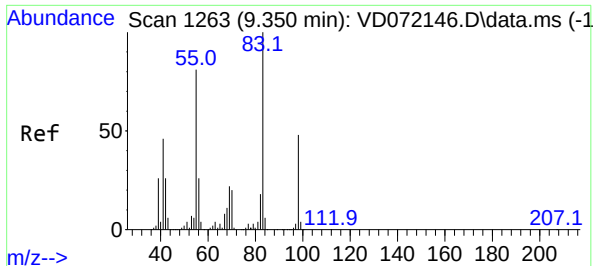
Ion Ratio Lower Upper

117 100

119 77.0 75.8 113.6

121 21.7 24.5 36.7#





#39

Methylcyclohexane

Concen: 2.211 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072154.D

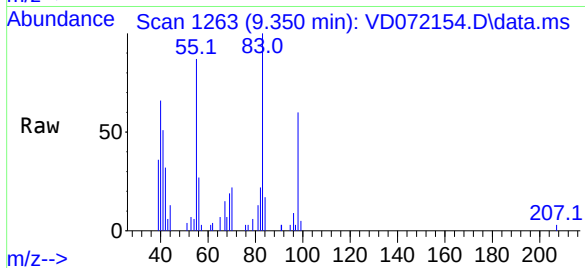
Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



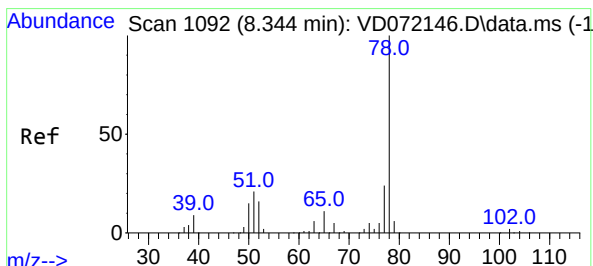
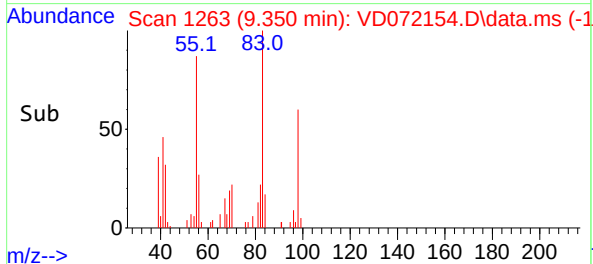
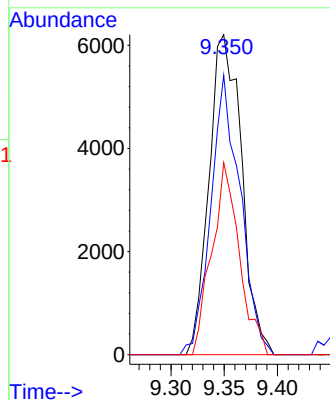
Tgt Ion: 83 Resp: 13165

Ion Ratio Lower Upper

83 100

55 87.3 63.2 94.8

98 60.0 38.2 57.4#



#40

Benzene

Concen: 2.777 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072154.D

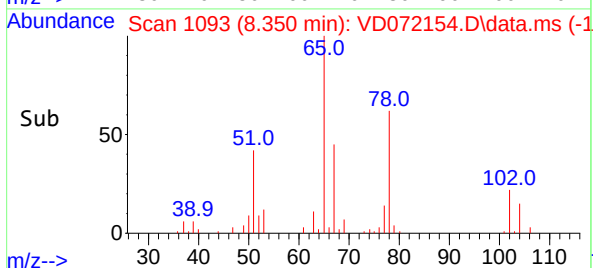
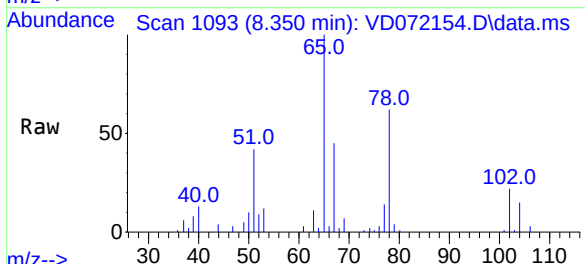
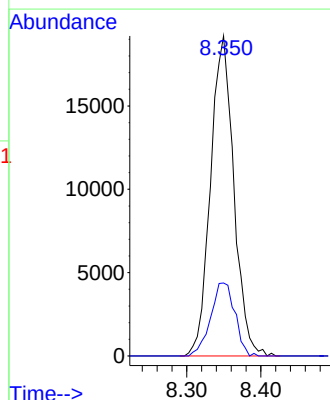
Acq: 11 Mar 2022 17:08

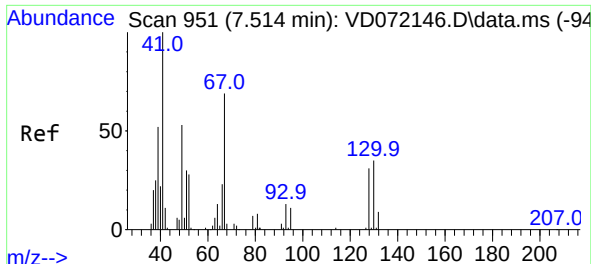
Tgt Ion: 78 Resp: 41926

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7

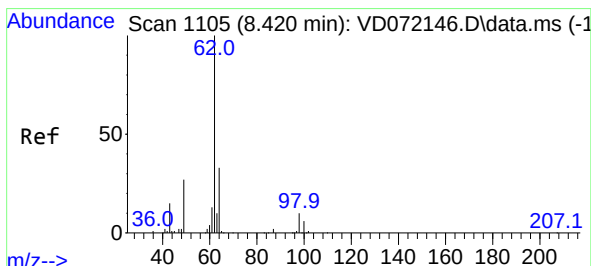
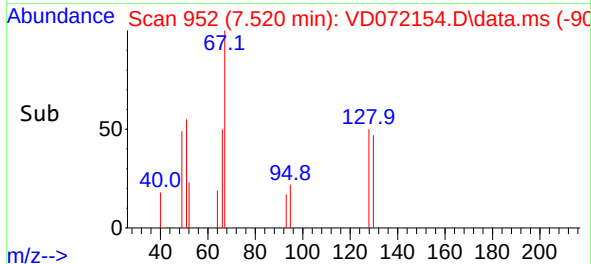
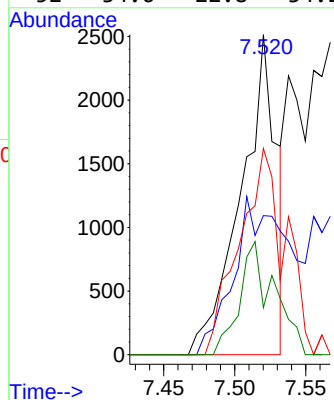
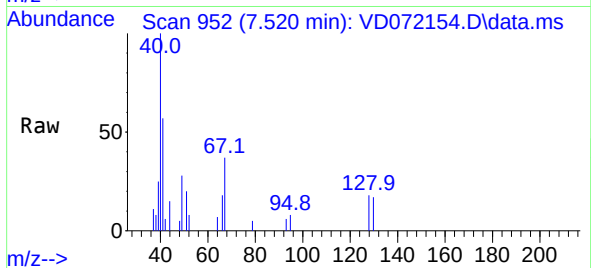




#41
Methacrylonitrile
Concen: 3.228 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

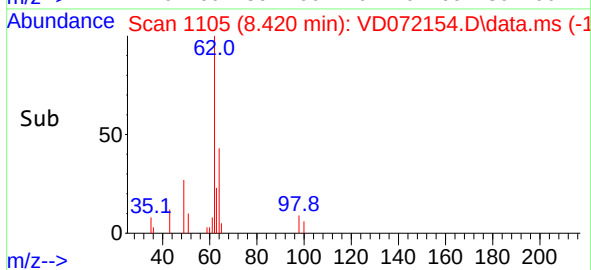
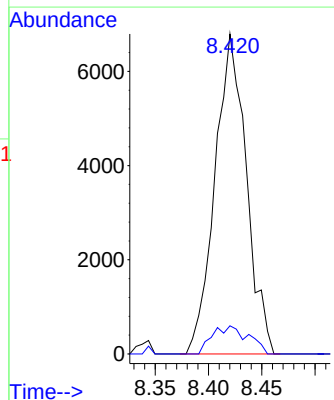
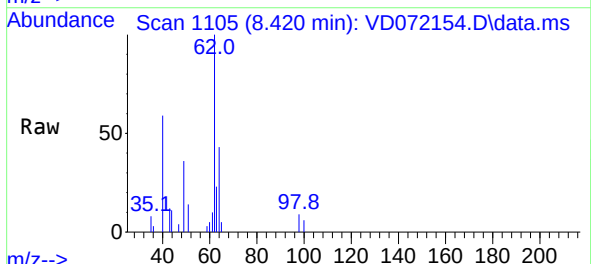
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

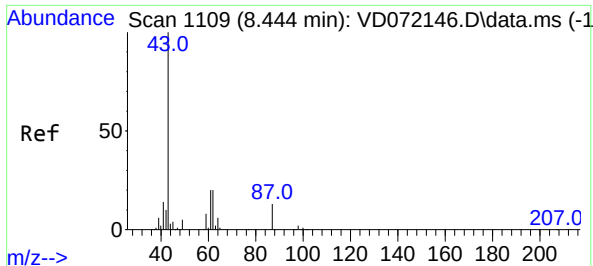
Tgt Ion:	41	Resp:	4361
Ion	Ratio	Lower	Upper
41	100		
39	78.1	44.6	67.0#
67	83.9	48.2	72.4#
52	34.6	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 3.042 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:	62	Resp:	13932
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6

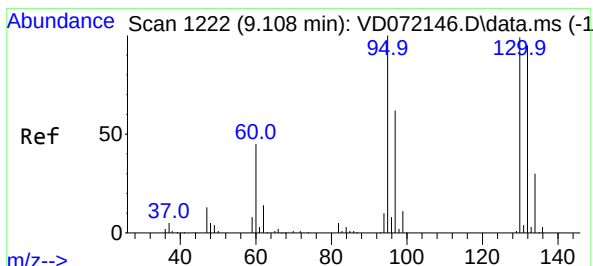
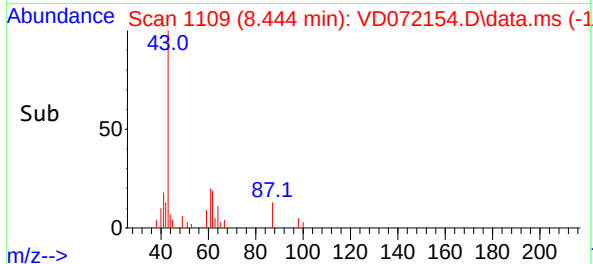
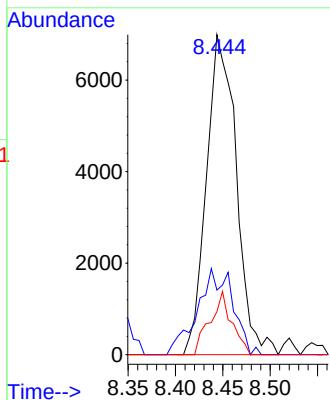
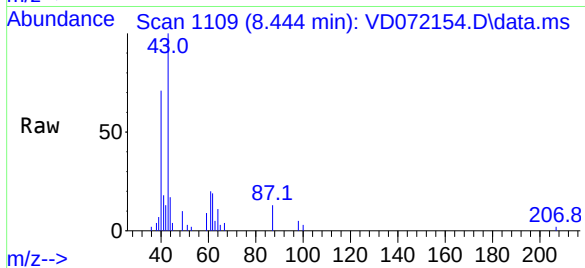




#43
Isopropyl Acetate
Concen: 3.411 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

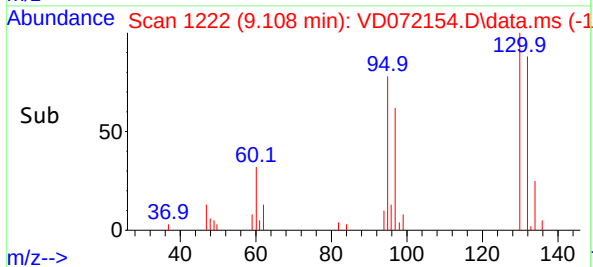
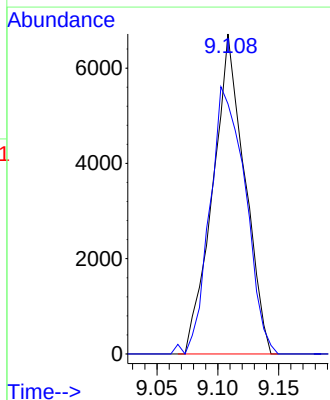
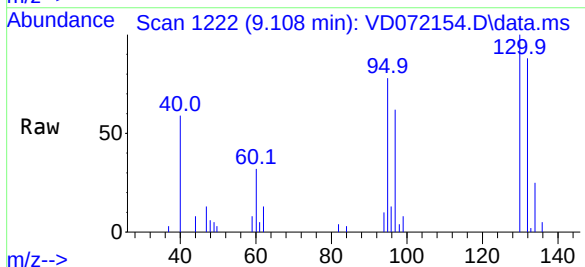
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

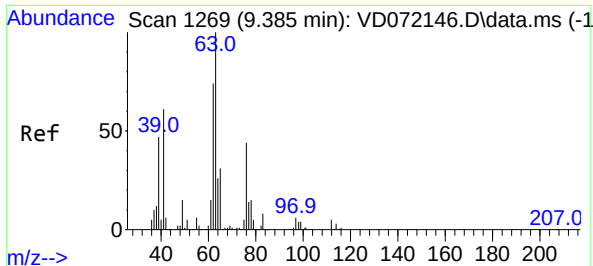
Tgt Ion: 43 Resp: 15347
Ion Ratio Lower Upper
43 100
61 31.8 22.4 33.6
87 14.4 8.7 13.1#



#44
Trichloroethene
Concen: 2.888 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 130 Resp: 12241
Ion Ratio Lower Upper
130 100
95 78.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 3.075 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

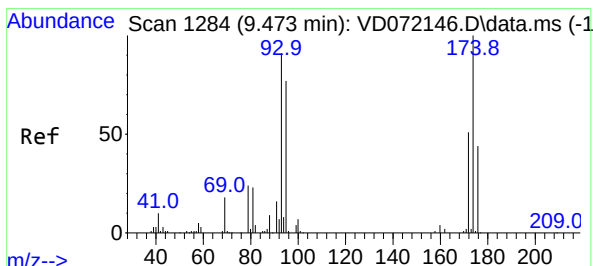
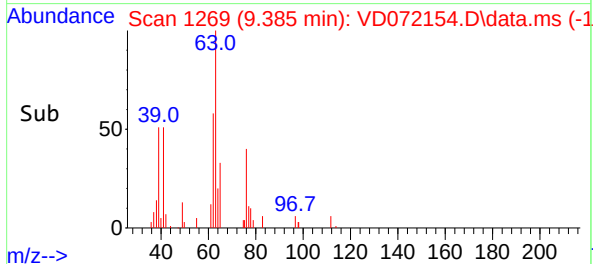
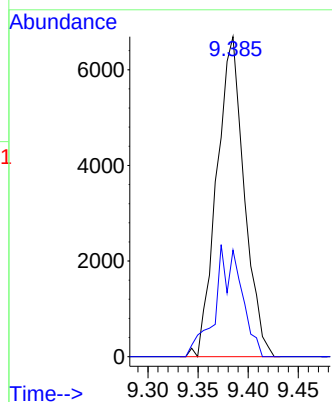
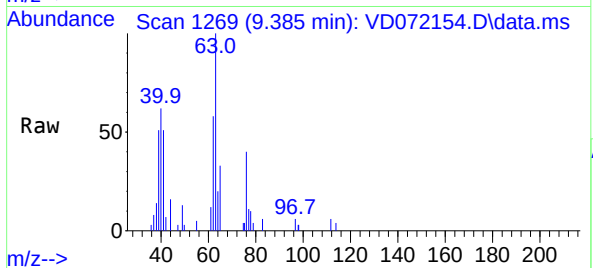
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 63 Resp: 12730

Ion Ratio Lower Upper

63 100

65 33.3 26.2 39.4



#46

Dibromomethane

Concen: 3.327 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

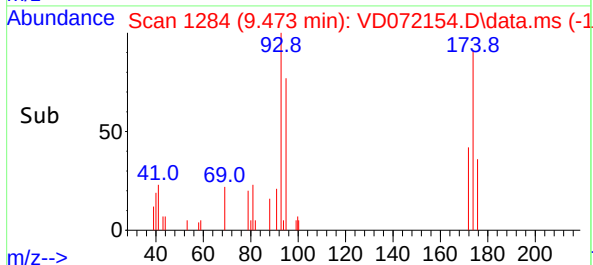
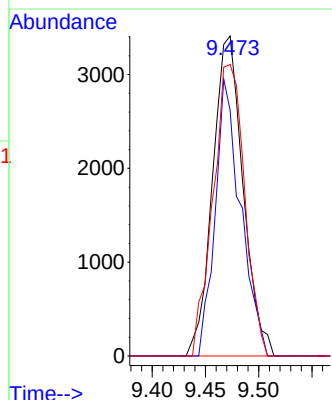
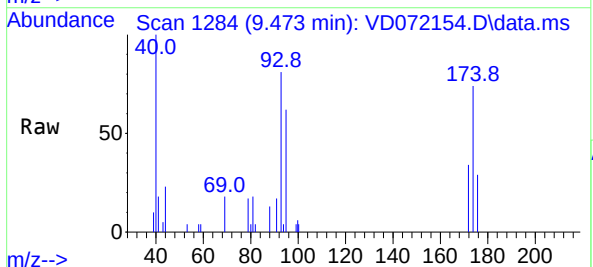
Tgt Ion: 93 Resp: 6776

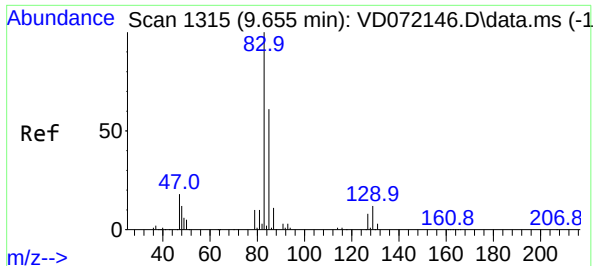
Ion Ratio Lower Upper

93 100

95 72.3 66.7 100.1

174 94.4 71.6 107.4

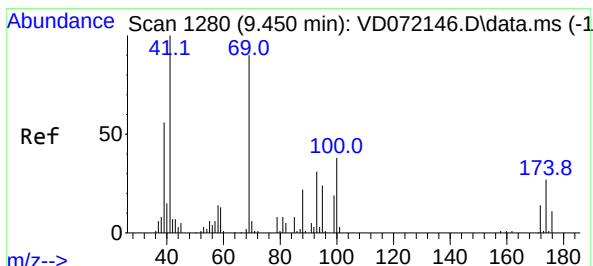
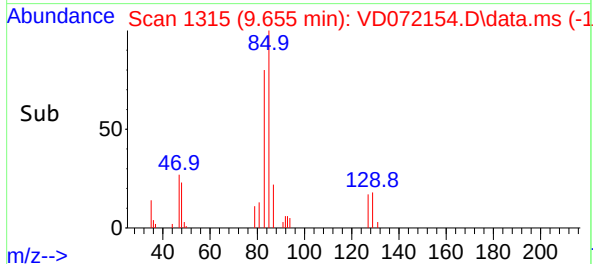
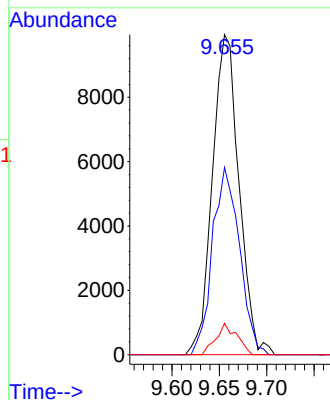
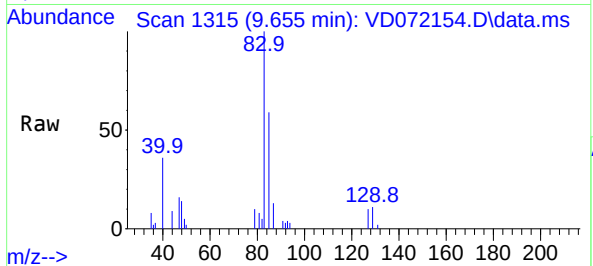




#47
Bromodichloromethane
Concen: 3.265 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

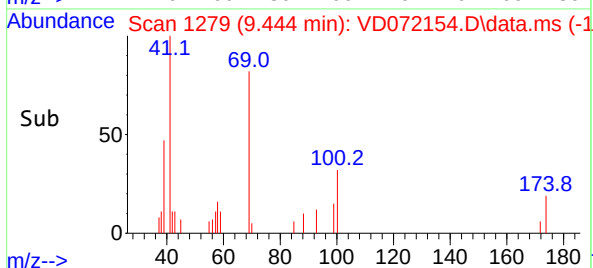
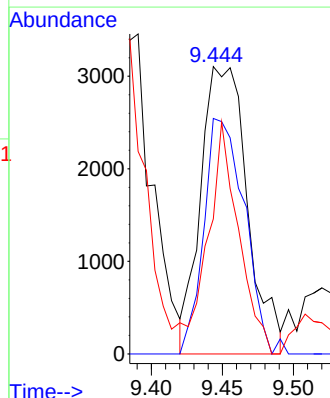
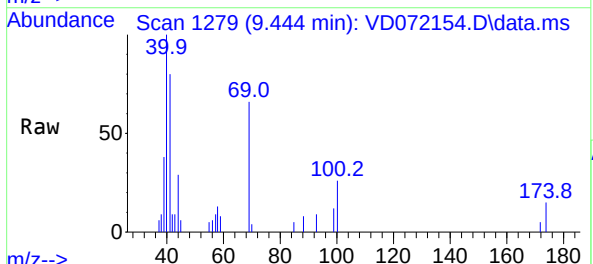
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

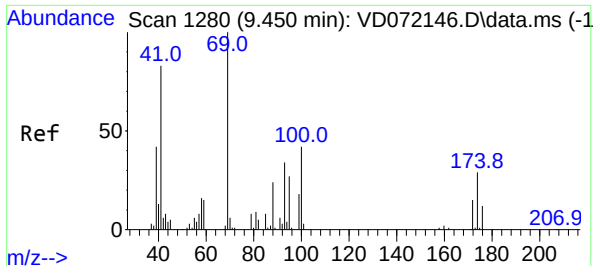
Tgt Ion: 83 Resp: 19388
Ion Ratio Lower Upper
83 100
85 58.5 51.4 77.0
127 9.8 6.1 9.1#



#48
Methyl methacrylate
Concen: 3.304 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 41 Resp: 7098
Ion Ratio Lower Upper
41 100
69 71.4 56.7 85.1
39 51.4 42.7 64.1

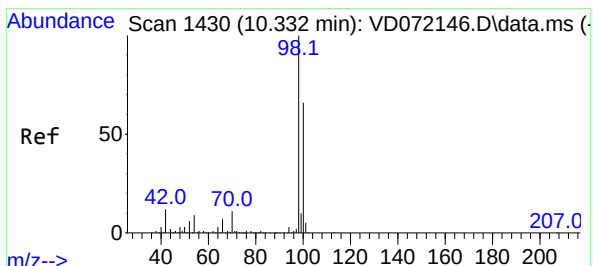
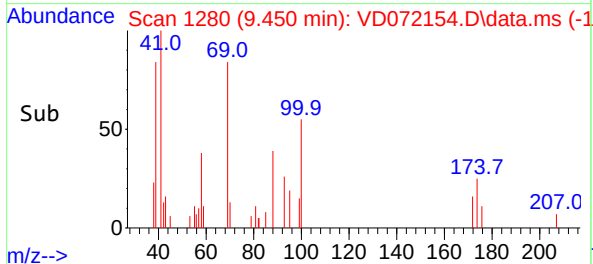
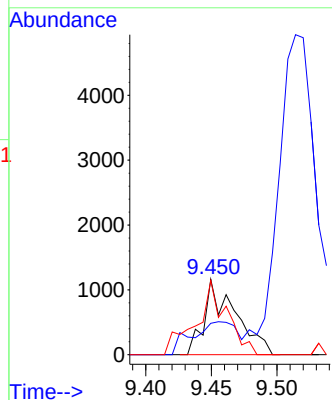
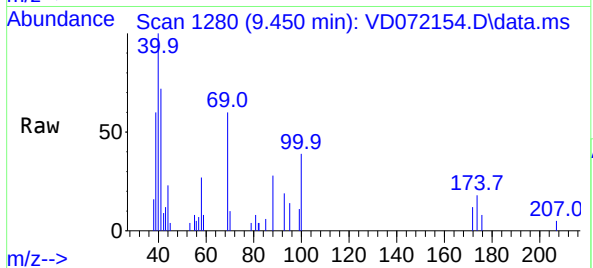




#49
1,4-Dioxane
Concen: 78.411 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

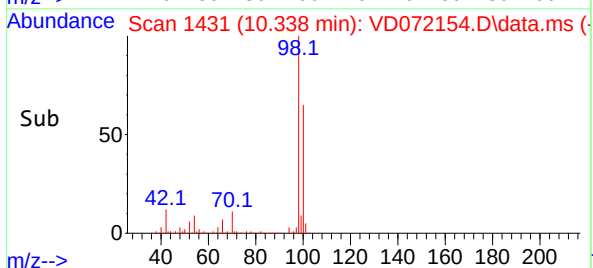
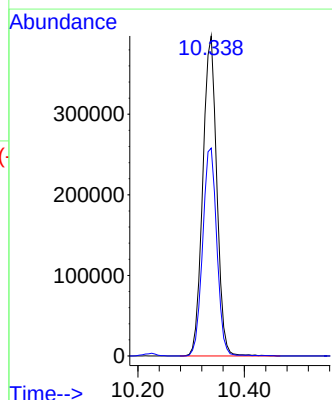
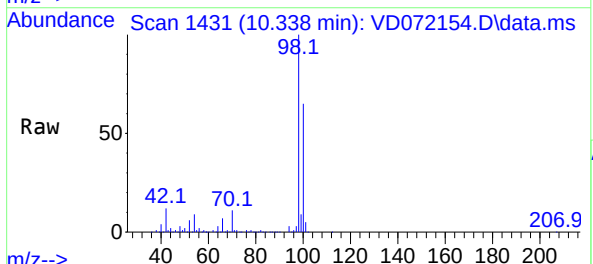
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

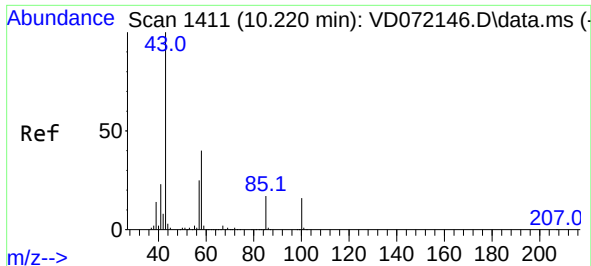
Tgt Ion: 88 Resp: 1915
Ion Ratio Lower Upper
88 100
43 62.6 31.0 46.4#
58 97.7 58.1 87.1#



#50
Toluene-d8
Concen: 52.432 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 98 Resp: 723172
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

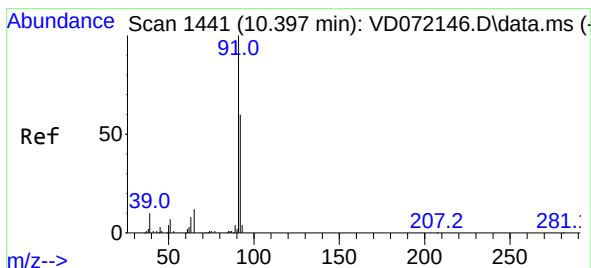
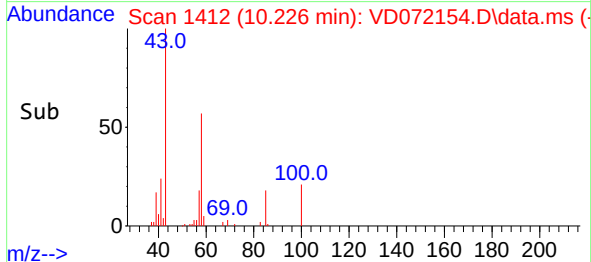
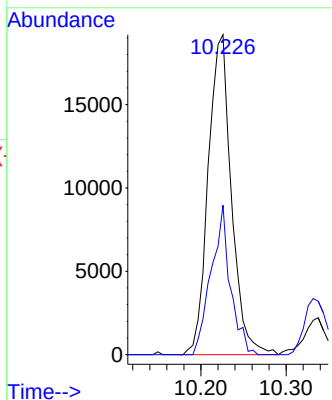
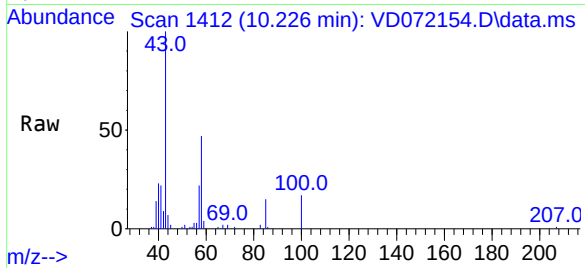




#51
4-Methyl-2-Pentanone
Concen: 15.373 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

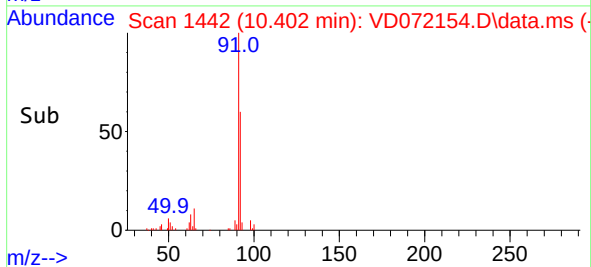
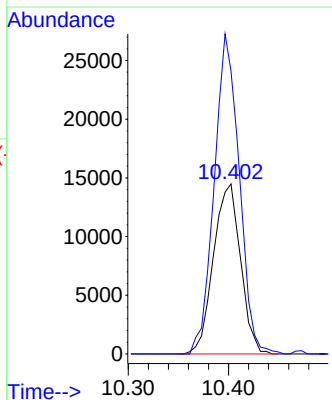
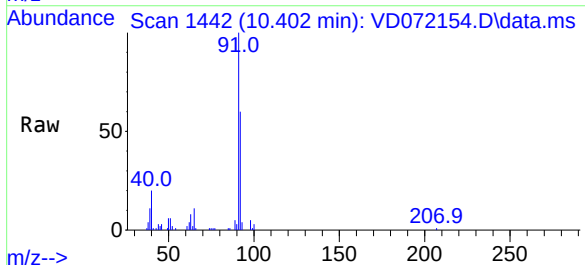
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

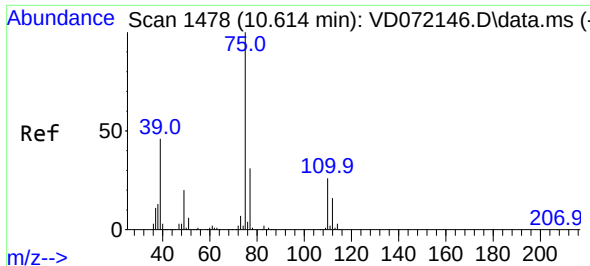
Tgt Ion: 43 Resp: 36327
Ion Ratio Lower Upper
43 100
58 38.7 28.6 43.0



#52
Toluene
Concen: 2.732 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 92 Resp: 27135
Ion Ratio Lower Upper
92 100
91 174.1 139.6 209.4

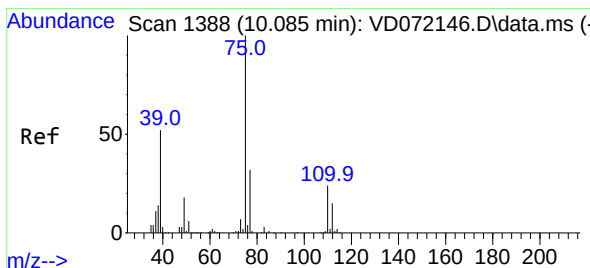
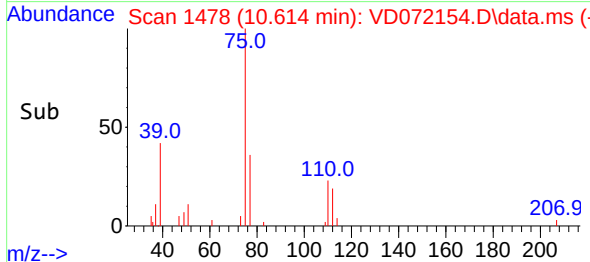
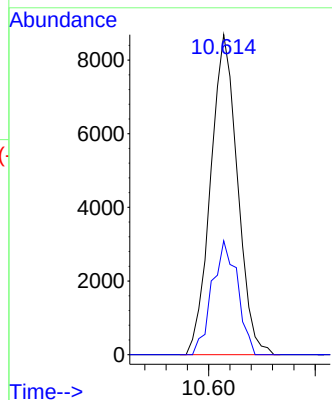
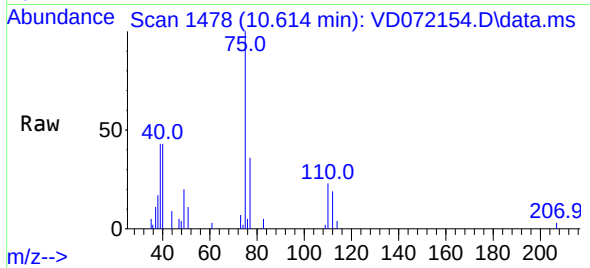




#53
t-1,3-Dichloropropene
Concen: 2.809 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

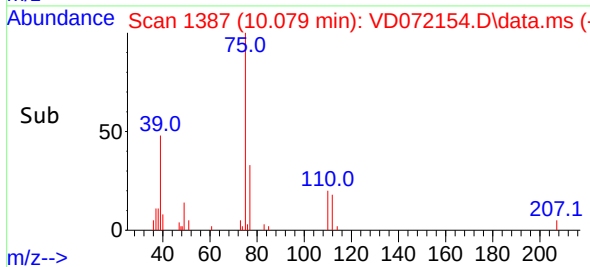
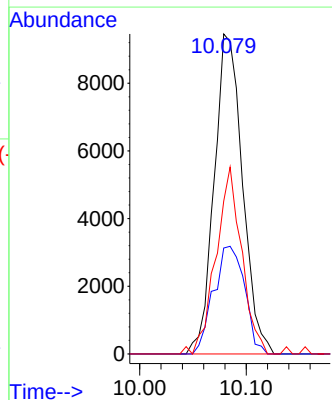
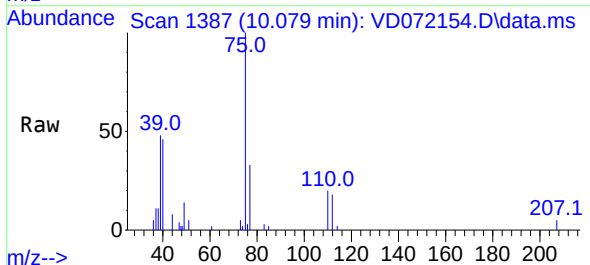
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

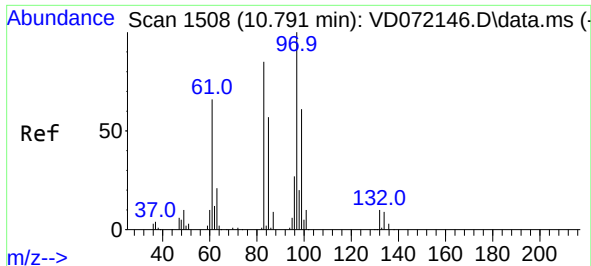
Tgt Ion: 75 Resp: 15238
Ion Ratio Lower Upper
75 100
77 35.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 2.780 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 75 Resp: 17434
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2
39 47.8 46.8 70.2

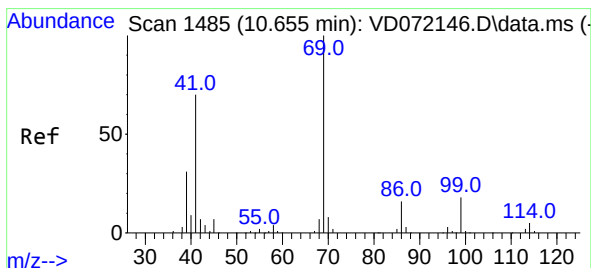
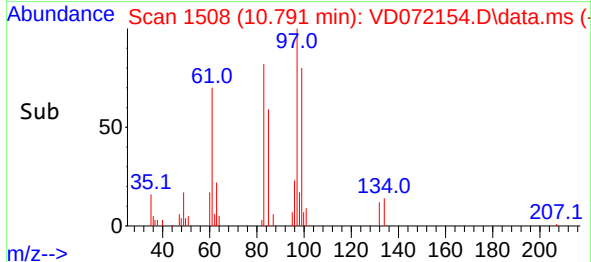
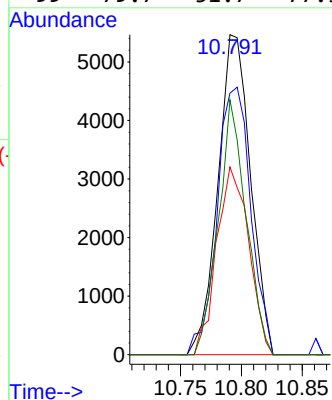
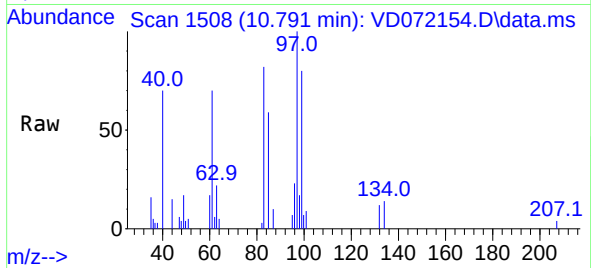




#55
1,1,2-Trichloroethane
Concen: 3.283 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

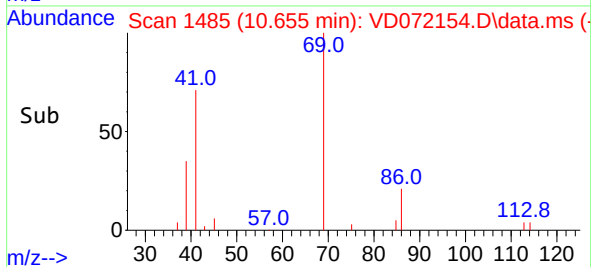
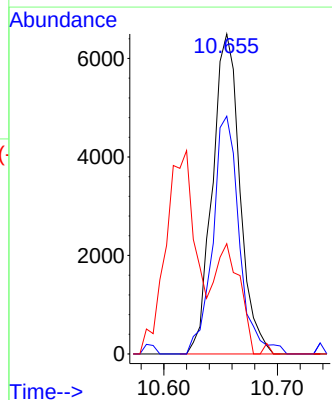
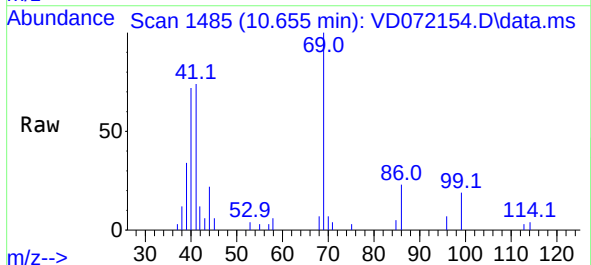
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

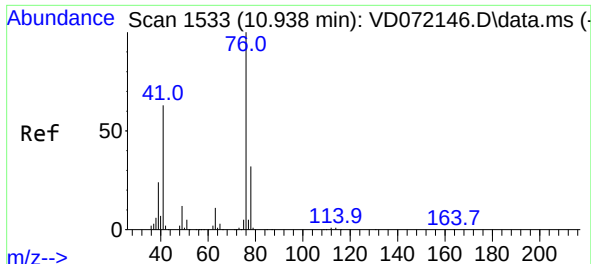
Tgt Ion:	97	Resp:	10187
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.0	103.4
85	58.7	42.6	63.8
99	79.7	51.7	77.5#



#56
Ethyl methacrylate
Concen: 3.003 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:	69	Resp:	10912
Ion	Ratio	Lower	Upper
69	100		
41	71.9	63.0	94.6
39	31.4	33.8	50.8#





#57

1,3-Dichloropropane

Concen: 2.972 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

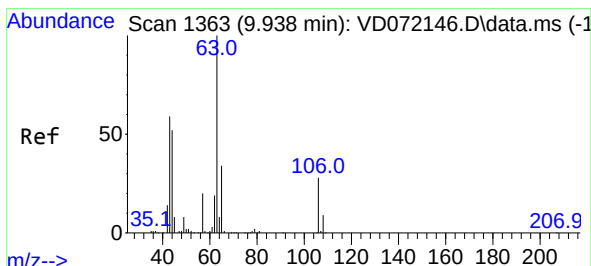
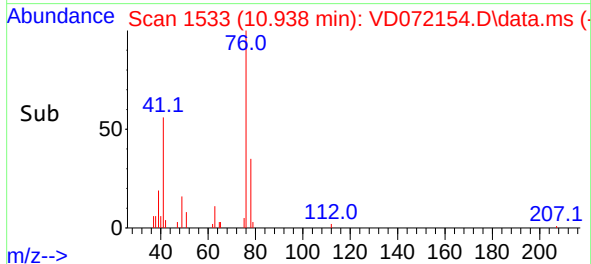
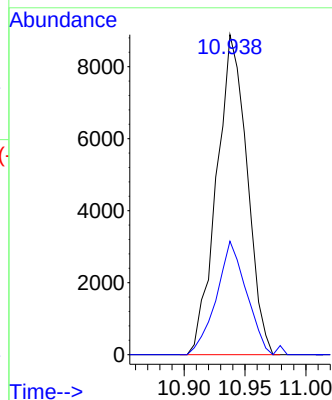
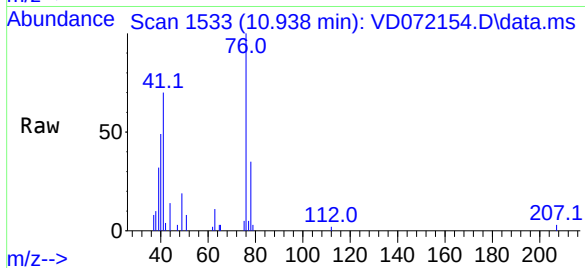
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 76 Resp: 15477

Ion Ratio Lower Upper

76 100

78 35.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 14.364 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072154.D

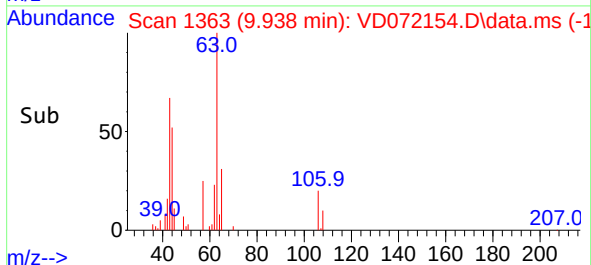
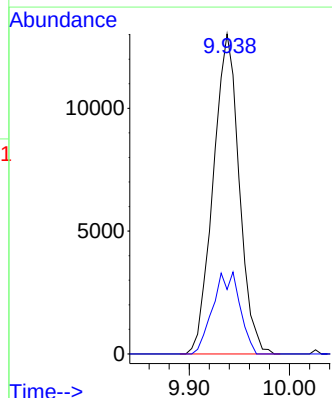
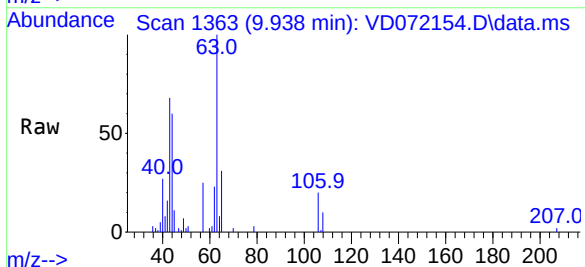
Acq: 11 Mar 2022 17:08

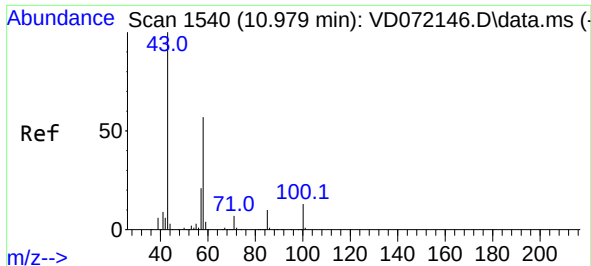
Tgt Ion: 63 Resp: 23470

Ion Ratio Lower Upper

63 100

106 26.4 21.4 32.0

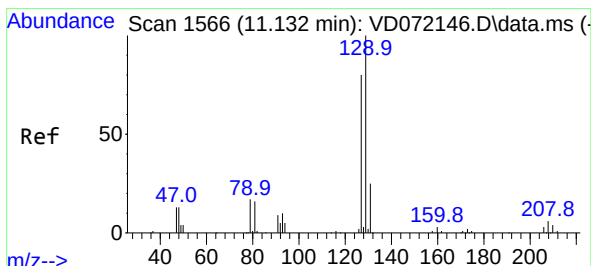
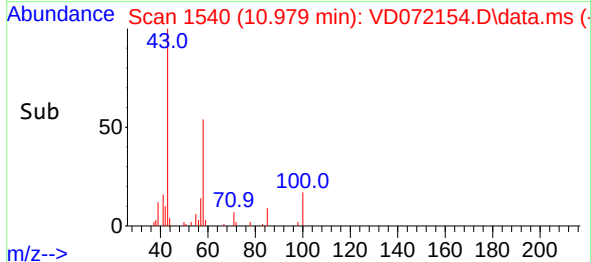
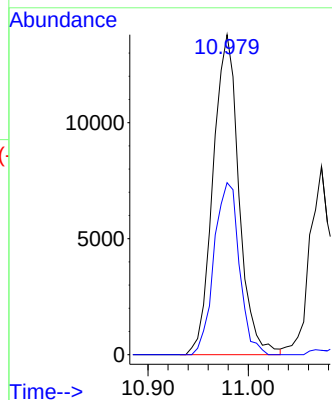
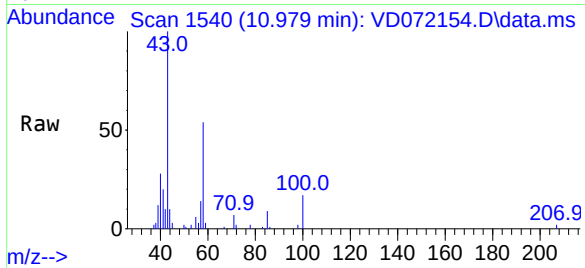




#59
2-Hexanone
Concen: 15.175 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

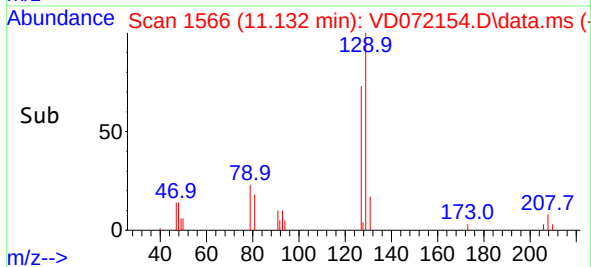
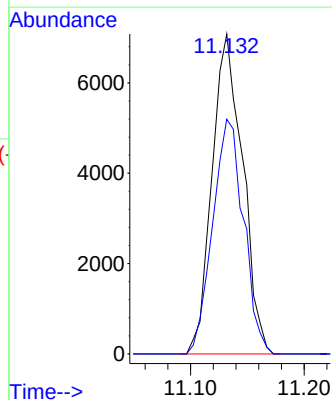
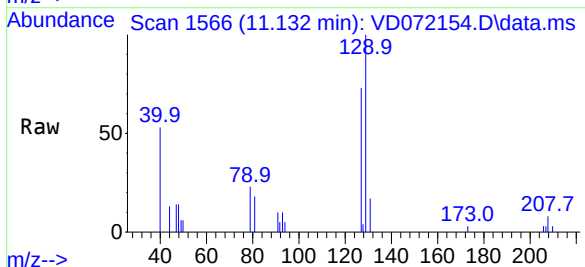
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

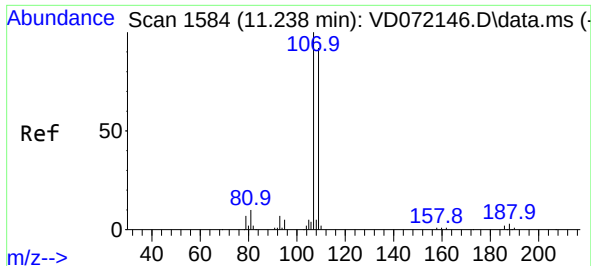
Tgt Ion: 43 Resp: 24766
Ion Ratio Lower Upper
43 100
58 52.4 25.3 75.9



#60
Dibromochloromethane
Concen: 3.289 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 129 Resp: 13241
Ion Ratio Lower Upper
129 100
127 74.2 39.2 117.6

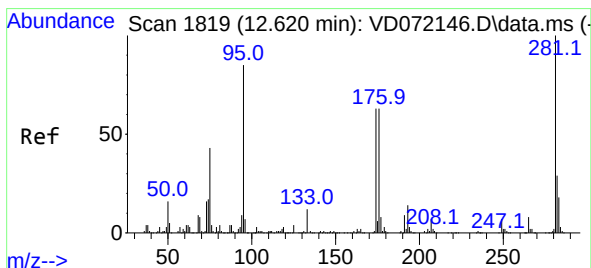
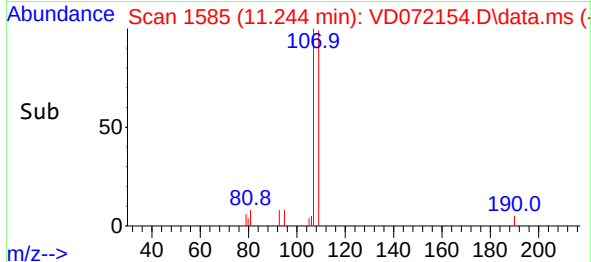
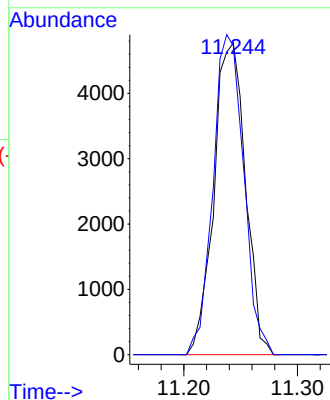
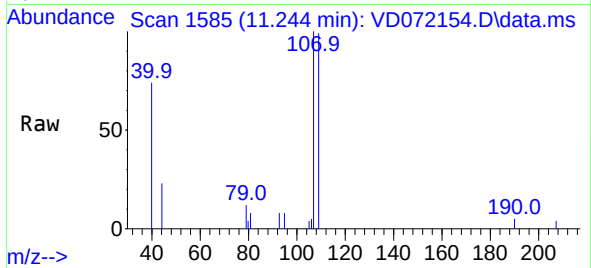




#61
1,2-Dibromoethane
Concen: 3.285 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

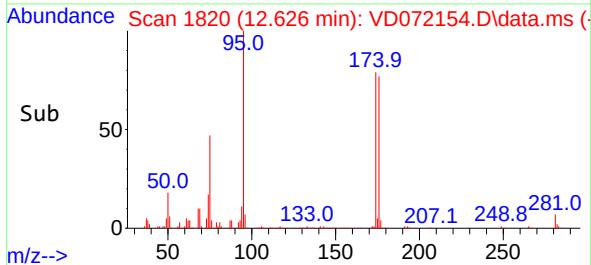
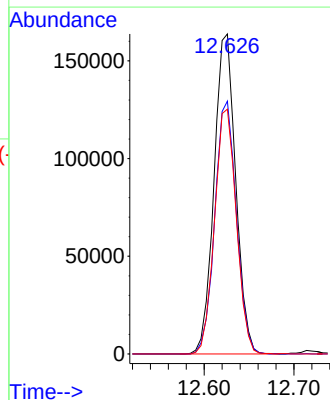
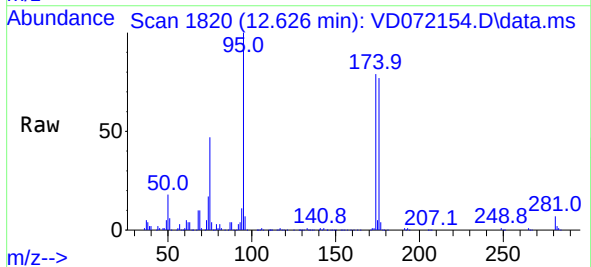
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

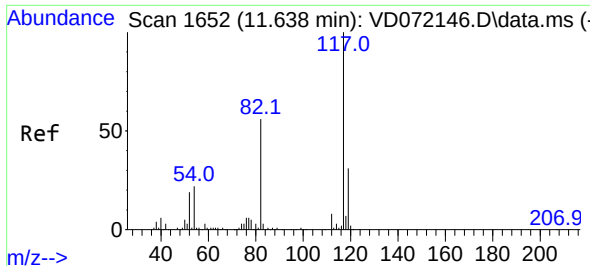
Tgt Ion:107 Resp: 9208
Ion Ratio Lower Upper
107 100
109 99.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.134 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

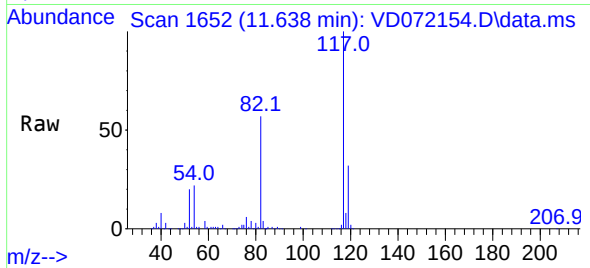
Tgt Ion: 95 Resp: 274034
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 76.9 0.0 145.4



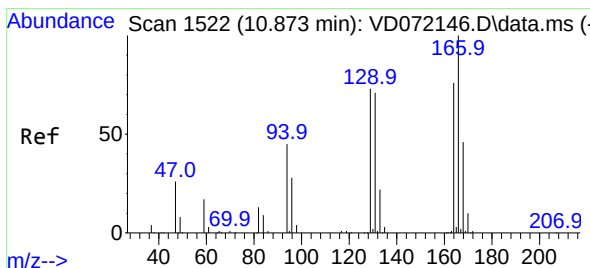
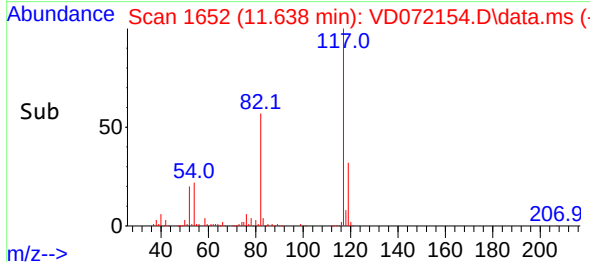
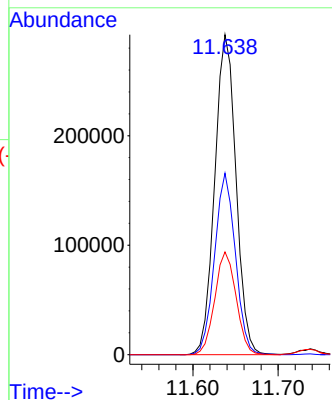


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

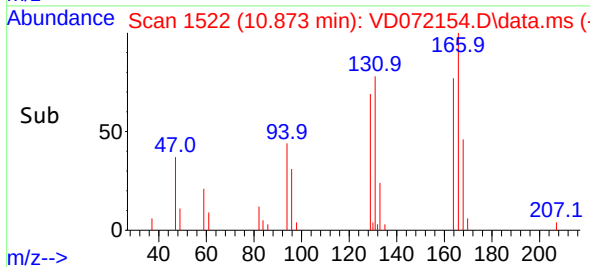
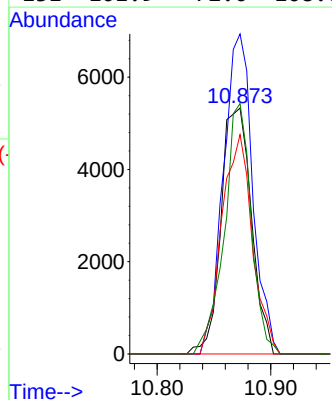
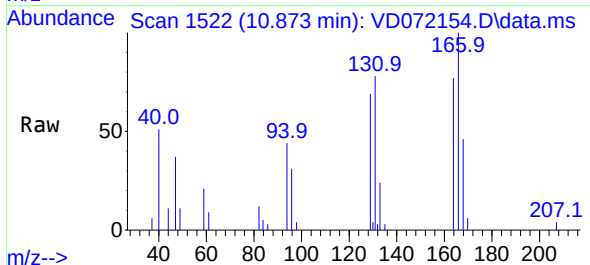


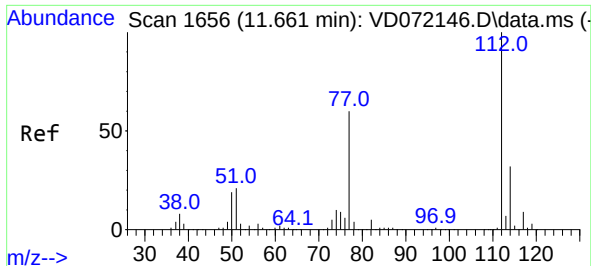
Tgt Ion:117 Resp: 507505
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 32.1 26.6 40.0



#64
Tetrachloroethene
Concen: 2.780 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:164 Resp: 9941
Ion Ratio Lower Upper
164 100
166 130.2 98.5 147.7
129 89.2 74.6 111.8
131 101.9 72.0 108.0

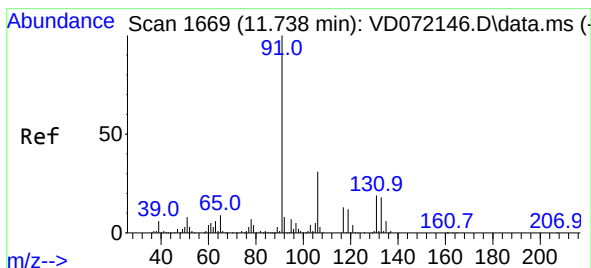
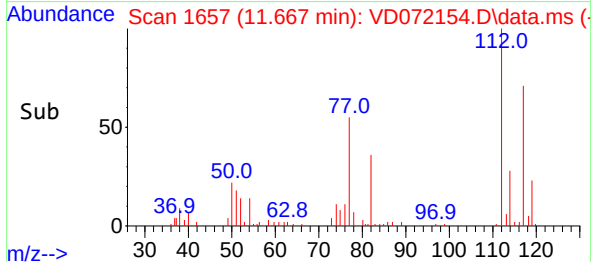
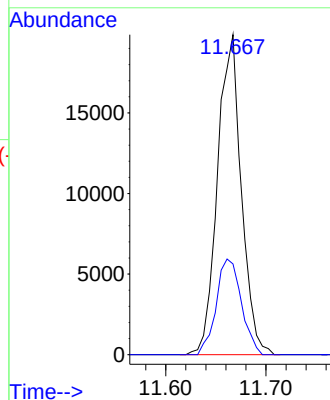
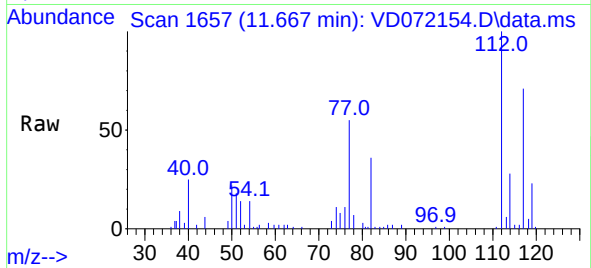




#65
Chlorobenzene
Concen: 2.906 ug/l
RT: 11.667 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

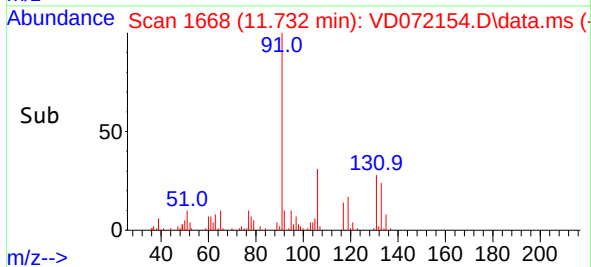
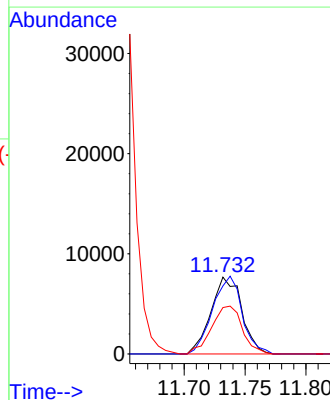
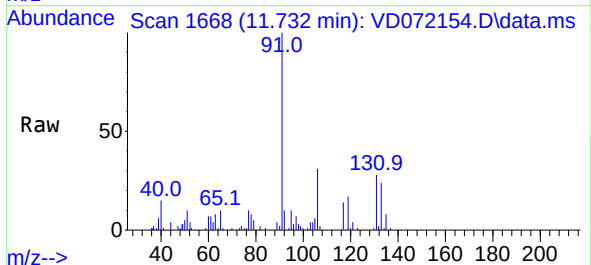
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

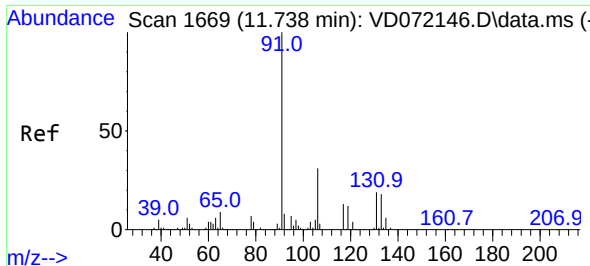
Tgt Ion:112 Resp: 32698
Ion Ratio Lower Upper
112 100
114 28.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.041 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:131 Resp: 13529
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.3
119 62.0 31.9 95.9

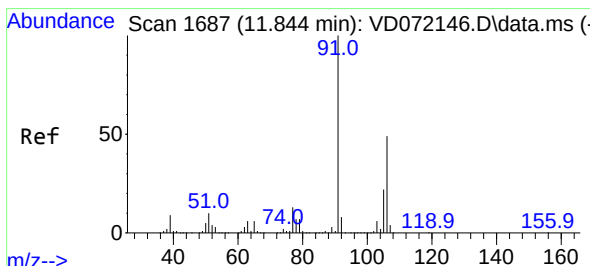
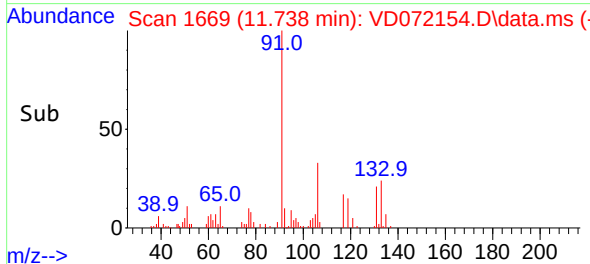
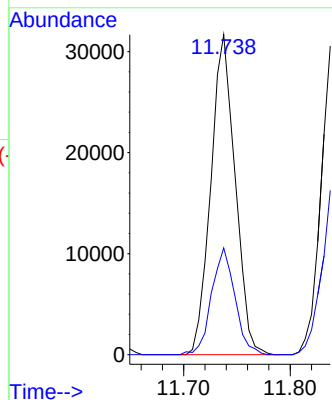
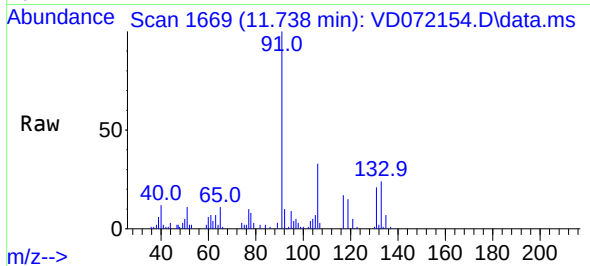




#67
Ethyl Benzene
Concen: 2.499 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

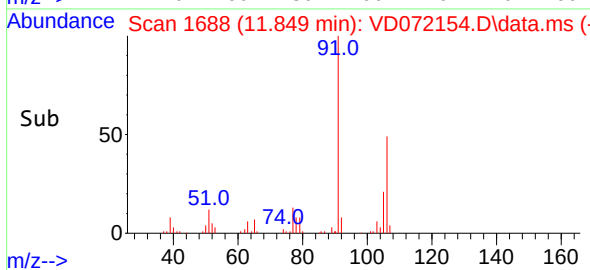
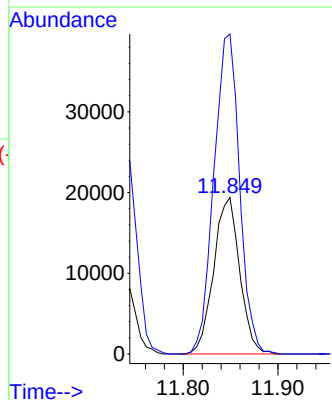
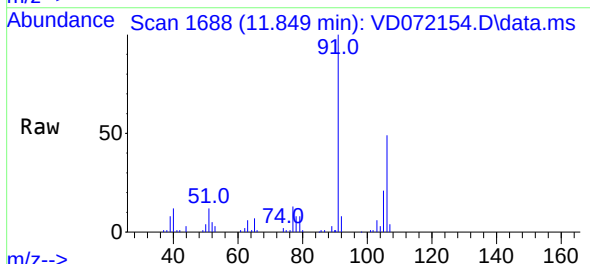
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

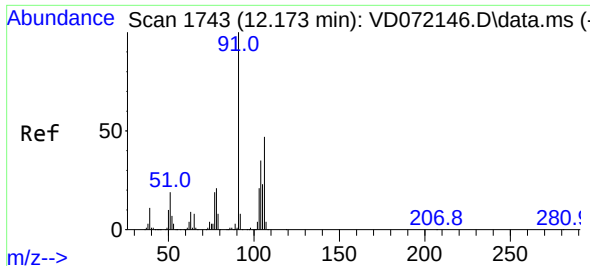
Tgt Ion: 91 Resp: 50221
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.4



#68
m/p-Xylenes
Concen: 4.853 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:106 Resp: 37031
Ion Ratio Lower Upper
106 100
91 201.5 163.7 245.5

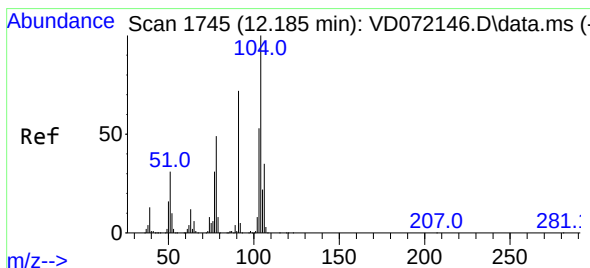
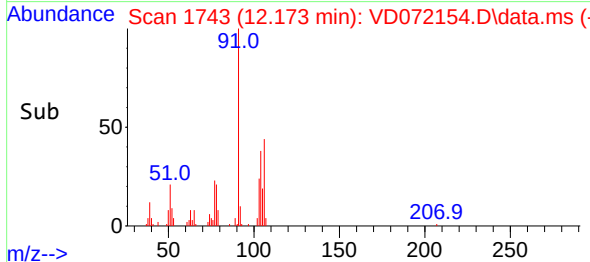
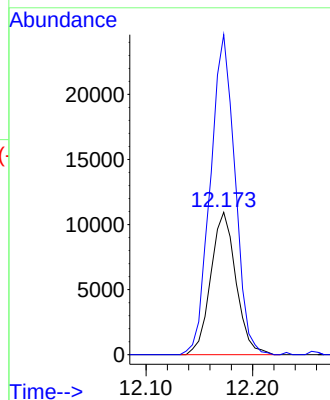
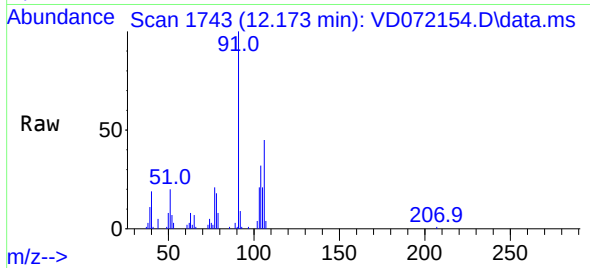




#69
o-Xylene
Concen: 2.463 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

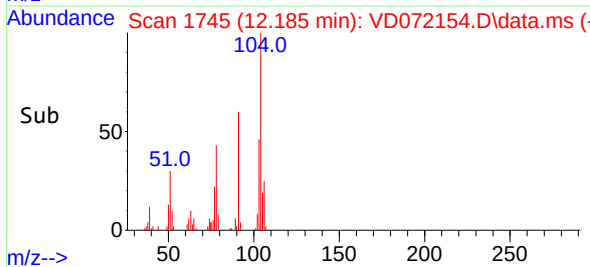
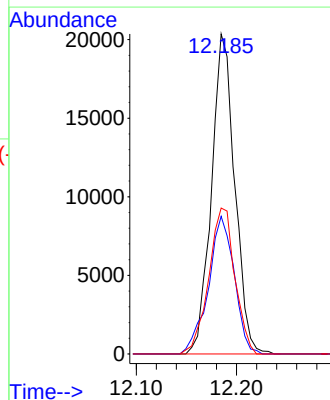
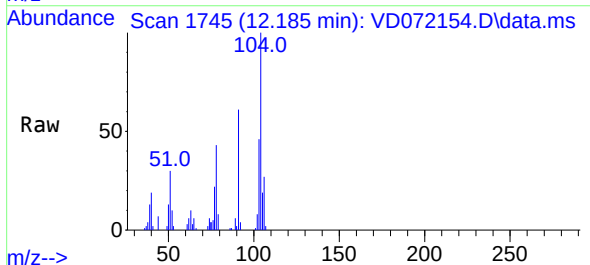
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

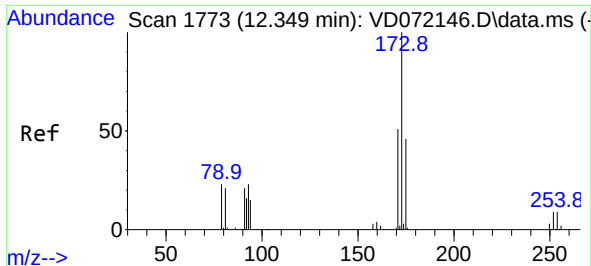
Tgt Ion:106 Resp: 17979
Ion Ratio Lower Upper
106 100
91 219.5 110.4 331.2



#70
Styrene
Concen: 2.578 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:104 Resp: 32856
Ion Ratio Lower Upper
104 100
78 47.8 41.8 62.8
103 51.2 44.2 66.4

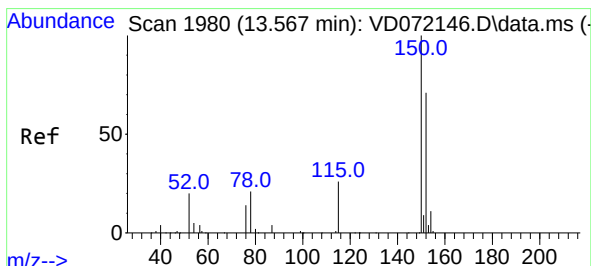
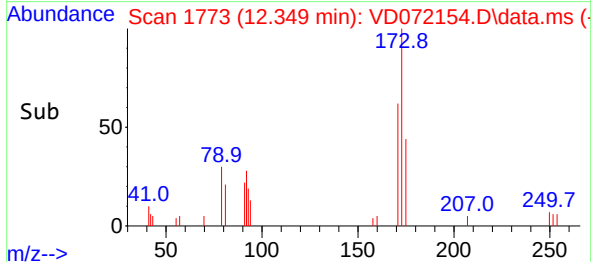
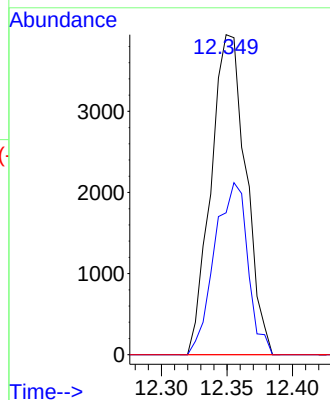
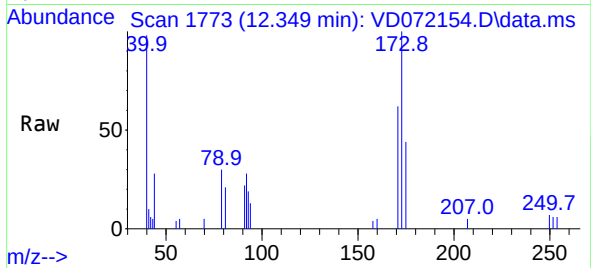




#71
Bromoform
Concen: 3.071 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

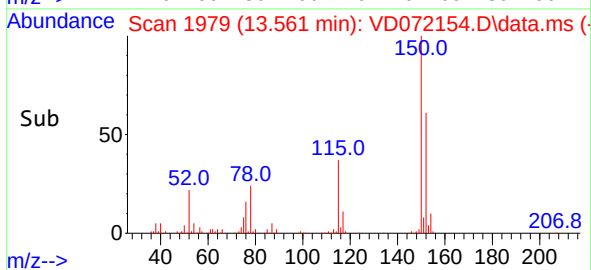
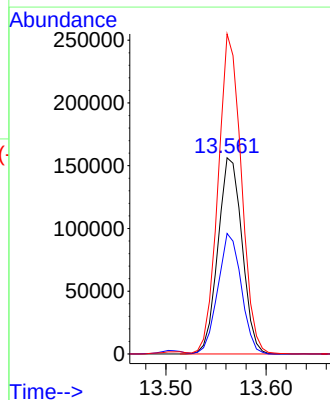
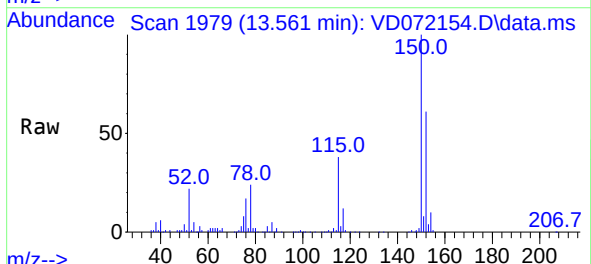
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

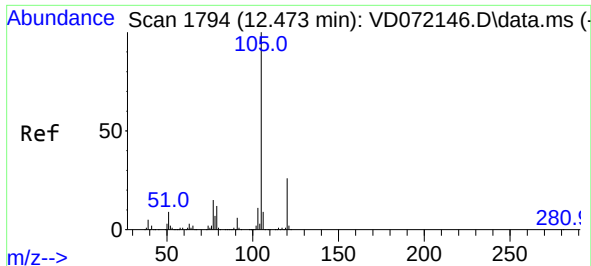
Tgt Ion:173 Resp: 7299
Ion Ratio Lower Upper
173 100
175 51.2 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:152 Resp: 260784
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 157.5 0.0 348.6

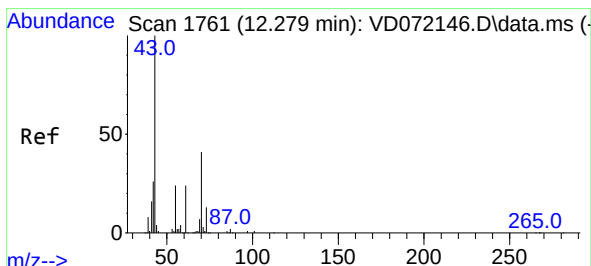
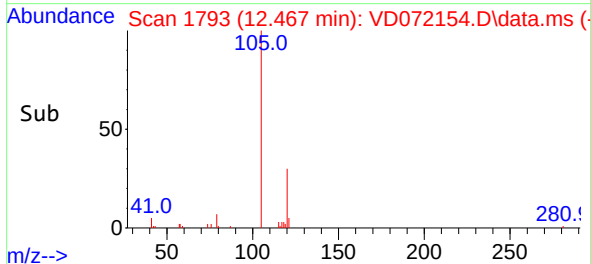
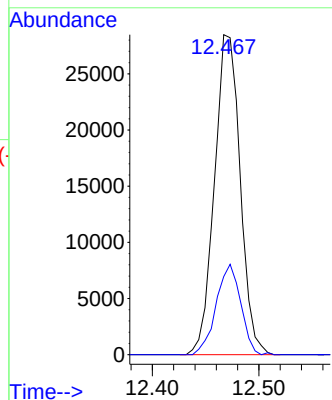
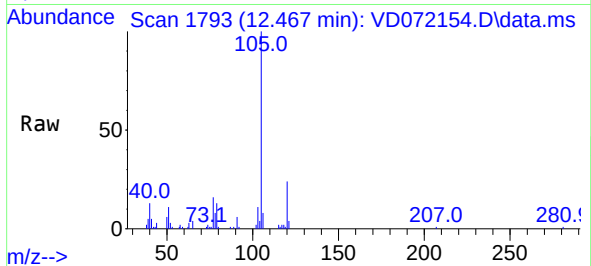




#73
Isopropylbenzene
Concen: 2.308 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

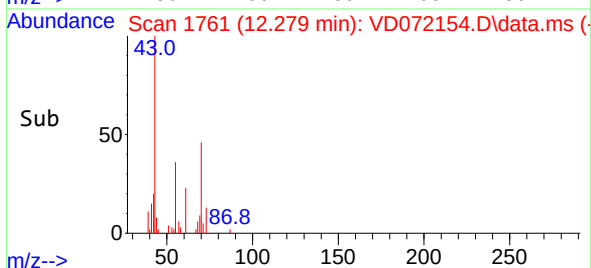
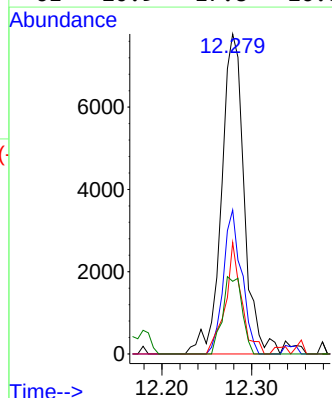
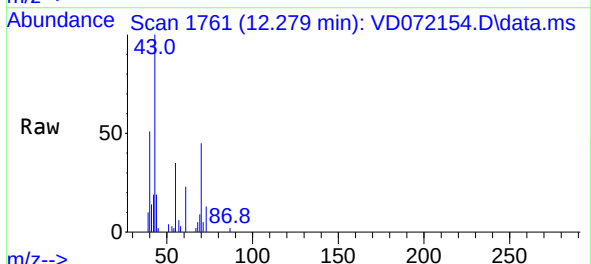
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

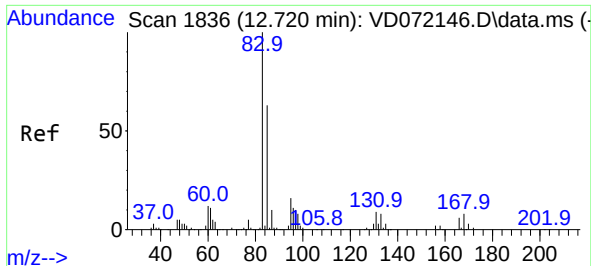
Tgt Ion:105 Resp: 47706
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9



#74
N-ethyl acetate
Concen: 3.059 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 43 Resp: 13584
Ion Ratio Lower Upper
43 100
70 36.4 31.3 46.9
55 25.1 20.0 30.0
61 20.9 17.8 26.8

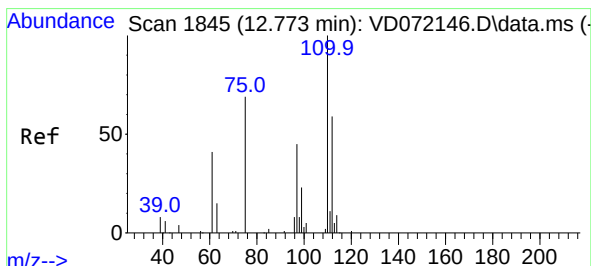
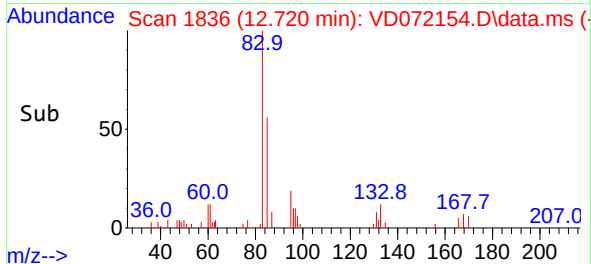
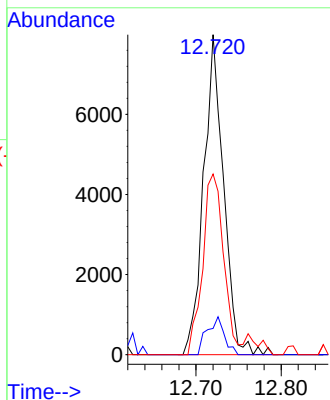
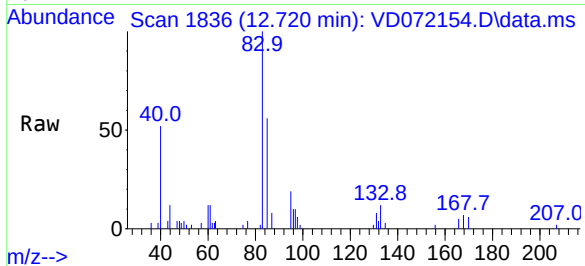




#75
1,1,2,2-Tetrachloroethane
Concen: 3.519 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

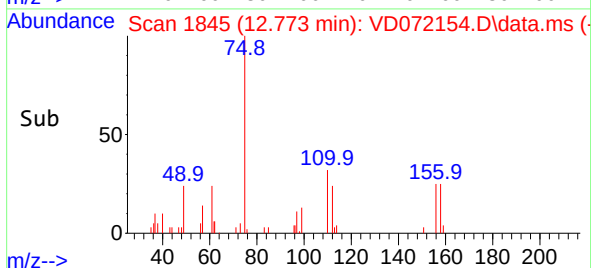
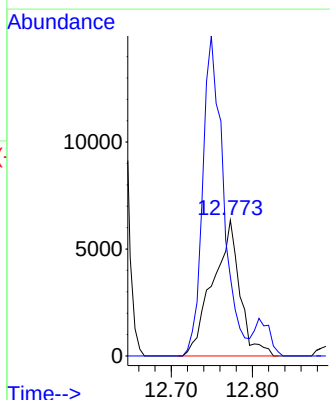
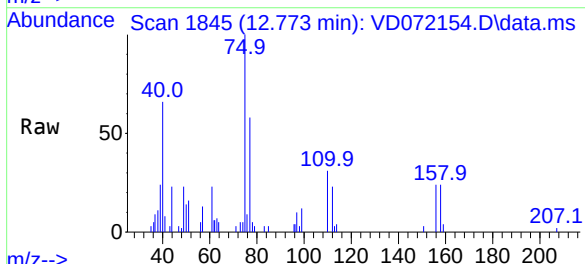
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

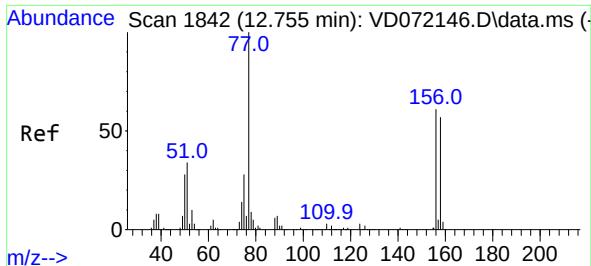
Tgt Ion: 83 Resp: 13005
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 58.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 5.092 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 75 Resp: 14648
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

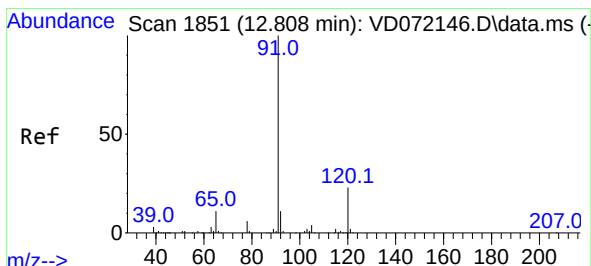
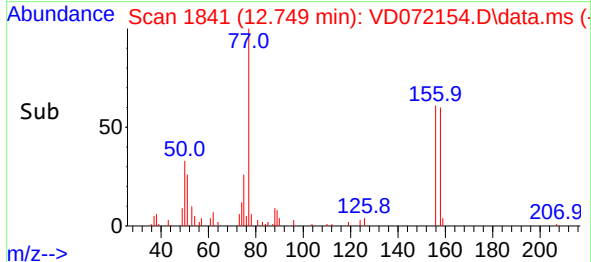
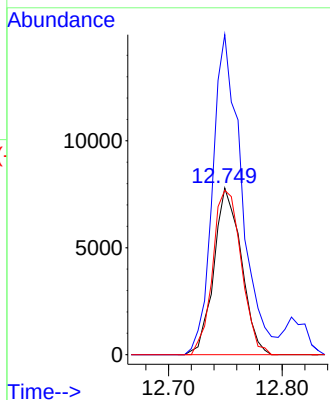
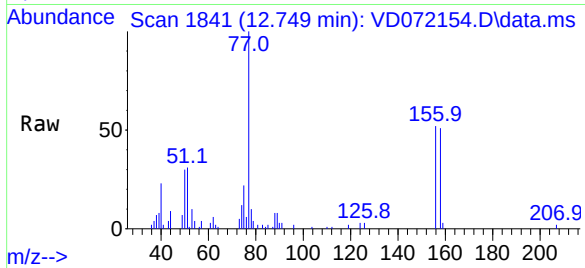




#77
Bromobenzene
Concen: 2.813 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

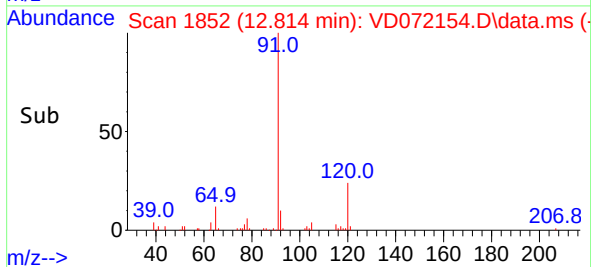
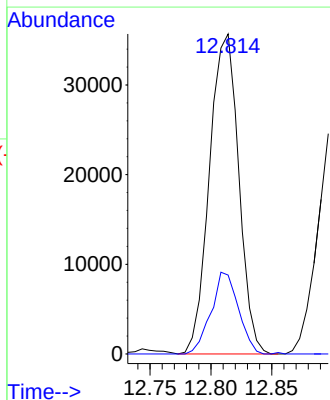
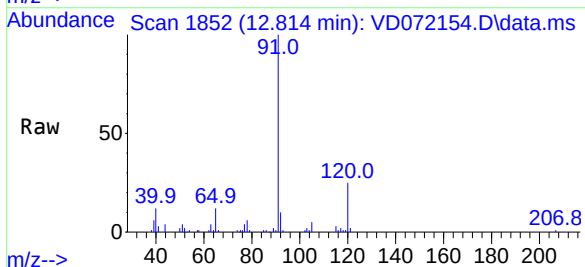
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

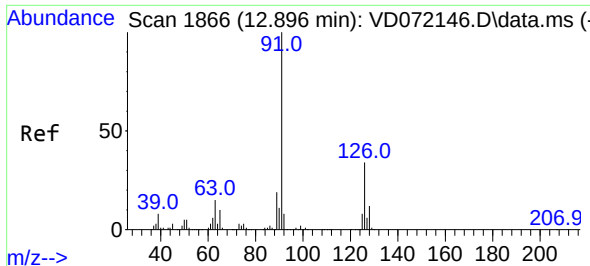
Tgt Ion:156 Resp: 13083
Ion Ratio Lower Upper
156 100
77 204.1 102.8 308.3
158 102.9 48.7 146.1



#78
n-propylbenzene
Concen: 2.378 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 91 Resp: 59697
Ion Ratio Lower Upper
91 100
120 23.8 10.9 32.9

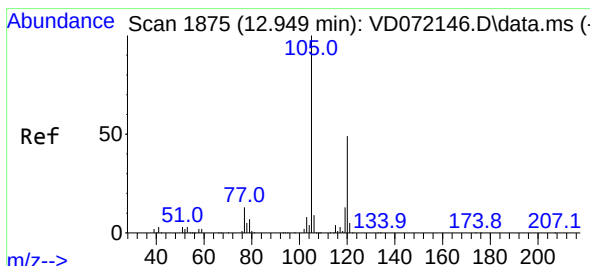
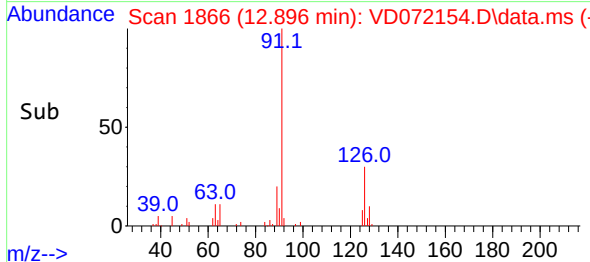
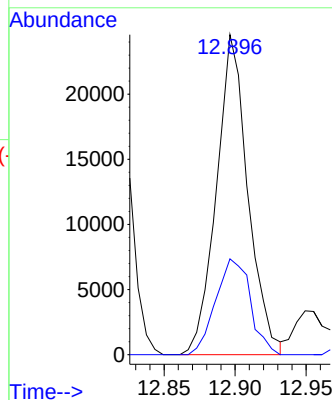
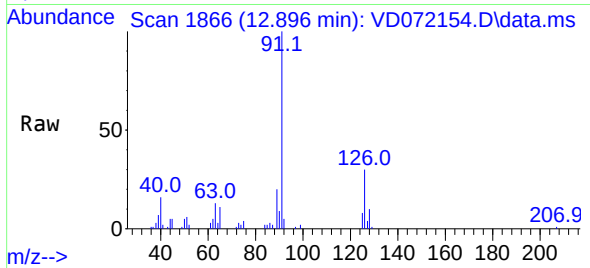




#79
2-Chlorotoluene
Concen: 2.611 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

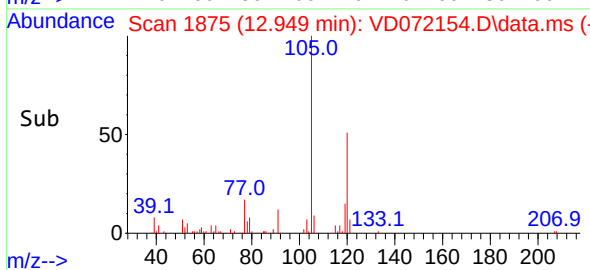
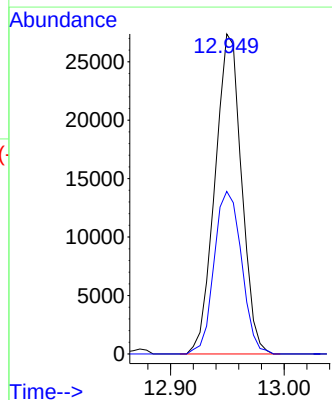
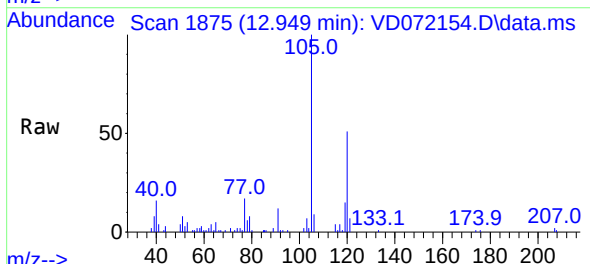
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

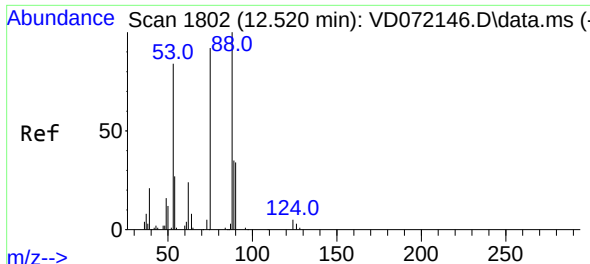
Tgt Ion: 91 Resp: 37901
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 2.508 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:105 Resp: 44526
Ion Ratio Lower Upper
105 100
120 52.5 24.3 72.8

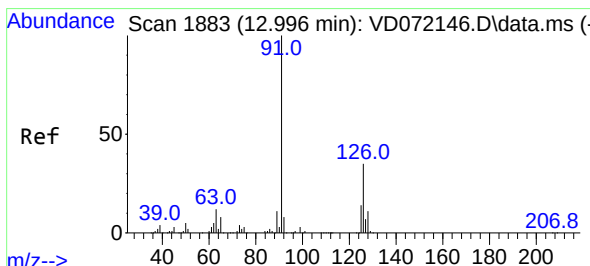
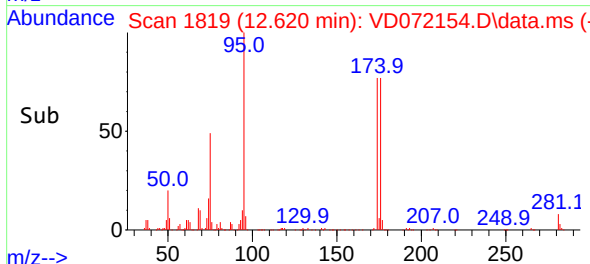
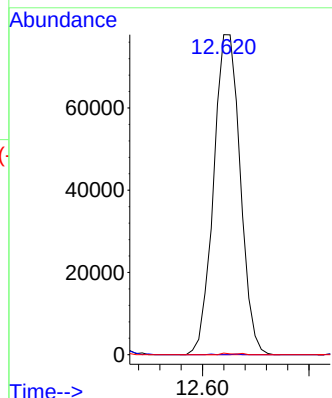
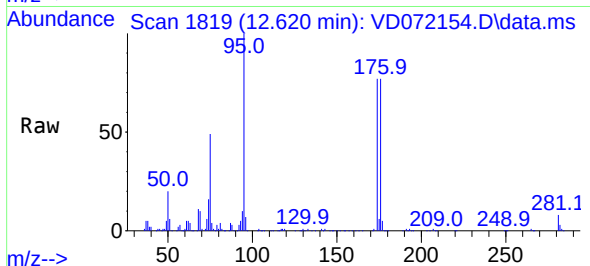




#81
trans-1,4-Dichloro-2-butene
Concen: 116.357 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

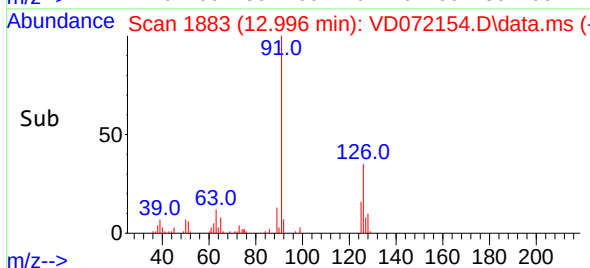
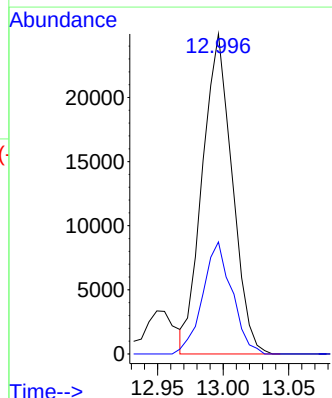
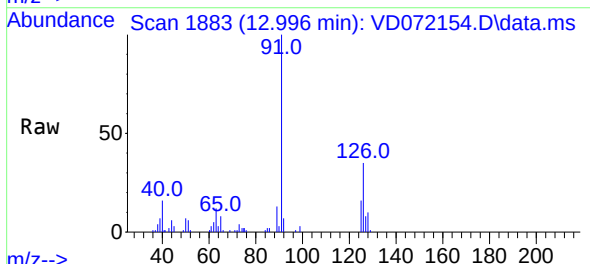
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

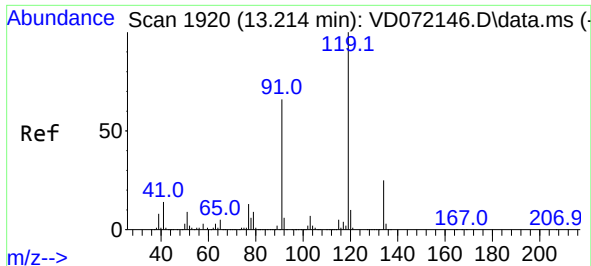
Tgt Ion: 75 Resp: 134909
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.3 33.9 50.9#



#82
4-Chlorotoluene
Concen: 2.627 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion: 91 Resp: 39485
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5

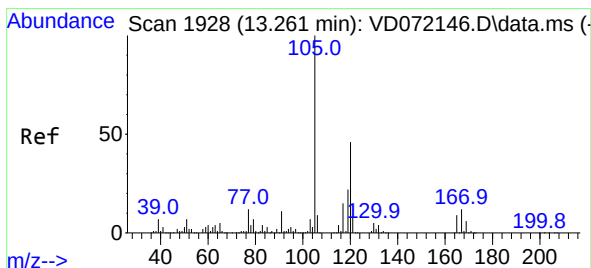
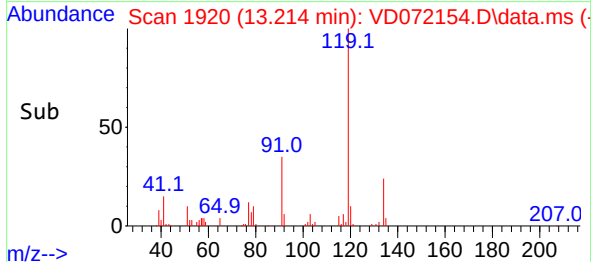
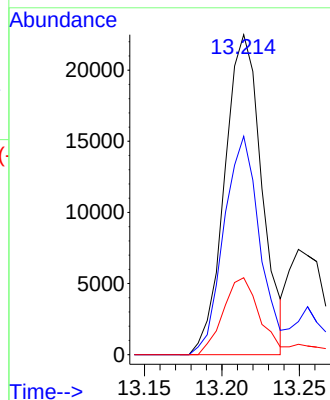
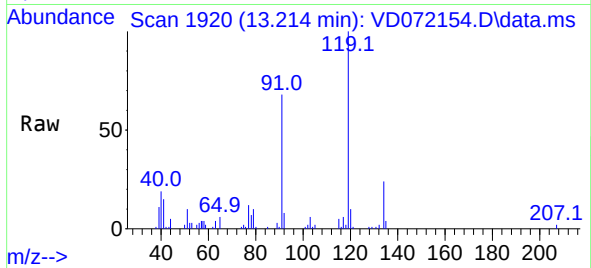




#83
tert-Butylbenzene
Concen: 2.414 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

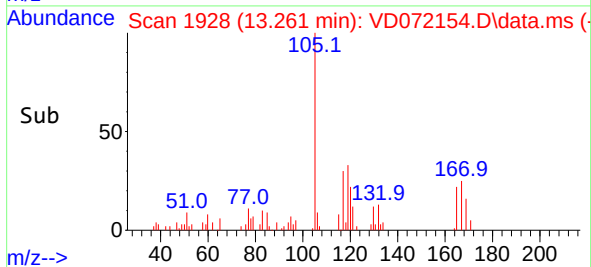
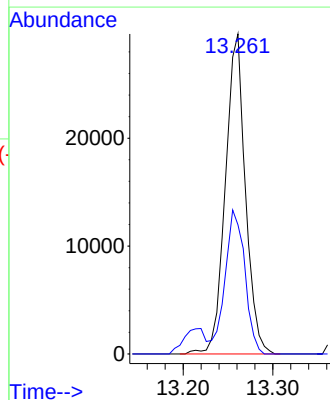
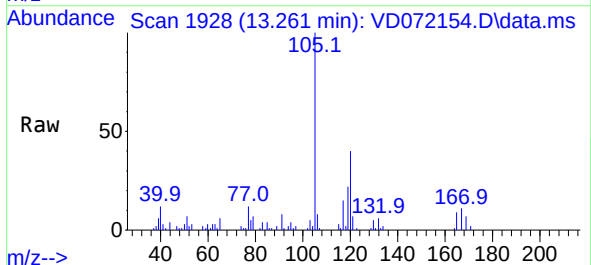
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

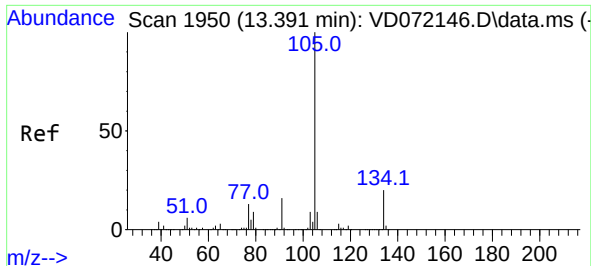
Tgt Ion:119 Resp: 37576
Ion Ratio Lower Upper
119 100
91 67.4 34.8 104.5
134 23.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.624 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:105 Resp: 45907
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8

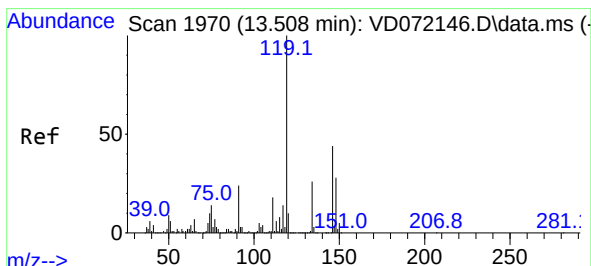
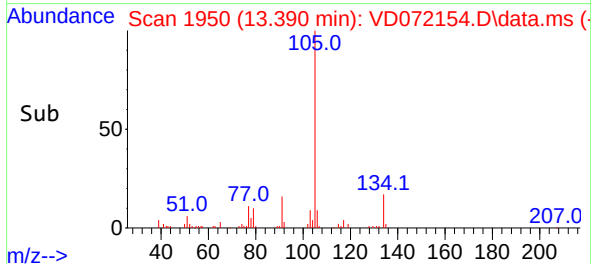
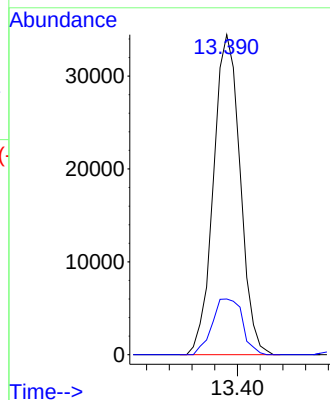
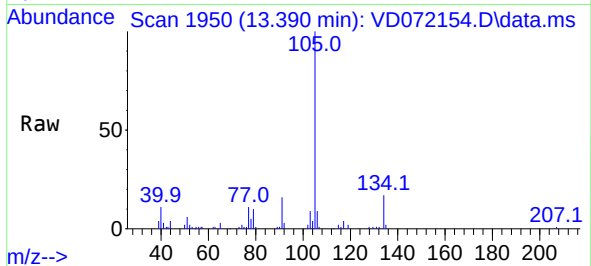




#85
sec-Butylbenzene
Concen: 2.406 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

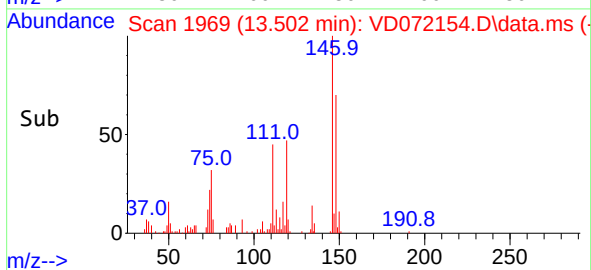
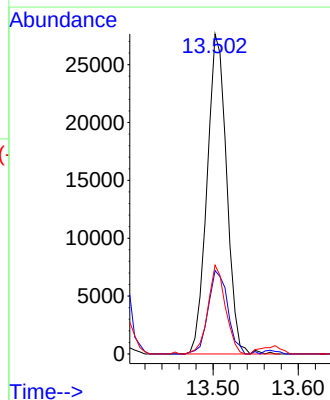
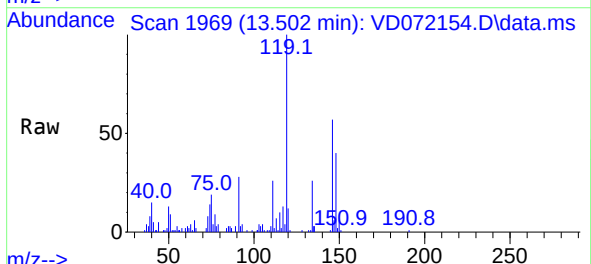
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

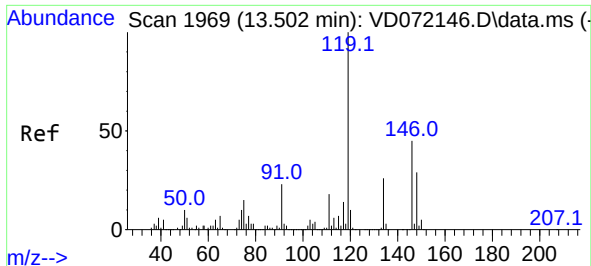
Tgt Ion:105 Resp: 56246
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.3



#86
p-Isopropyltoluene
Concen: 2.294 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:119 Resp: 44117
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 2.819 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

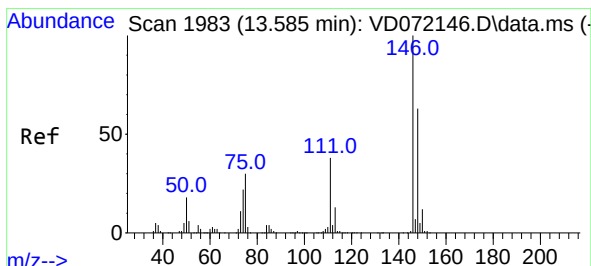
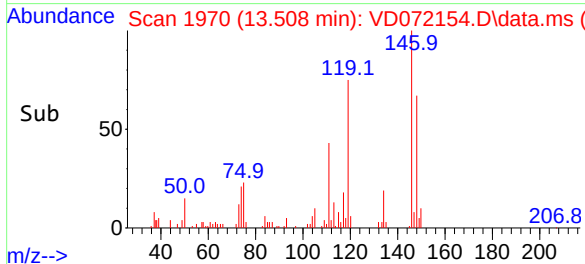
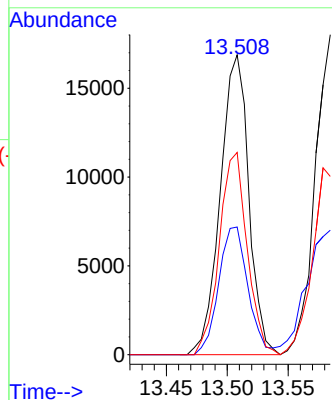
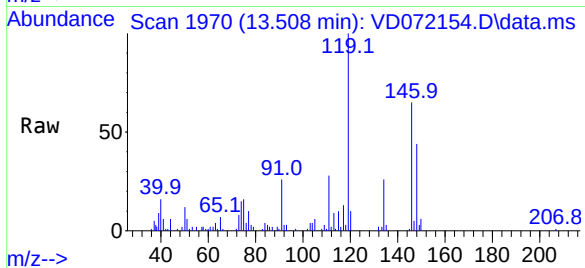
Tgt Ion:146 Resp: 27480

Ion Ratio Lower Upper

146 100

111 43.9 20.4 61.3

148 66.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 2.946 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

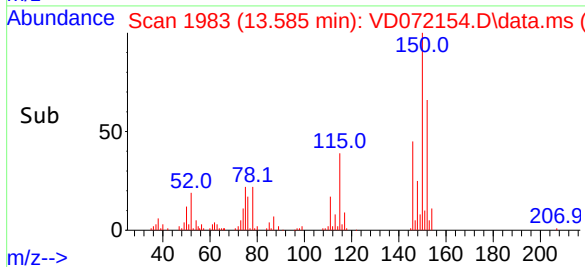
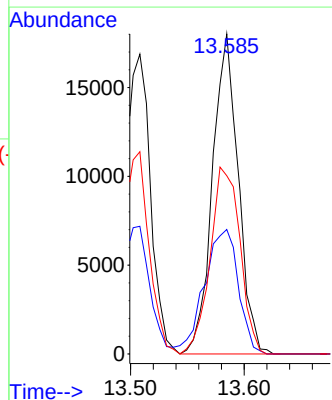
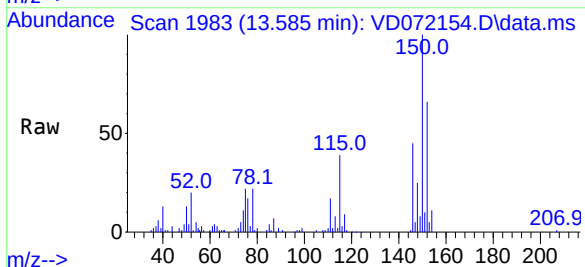
Tgt Ion:146 Resp: 28476

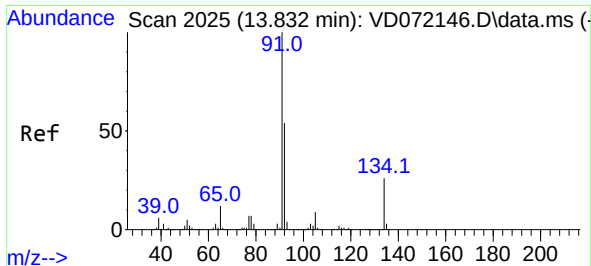
Ion Ratio Lower Upper

146 100

111 51.2 20.3 60.9

148 67.4 31.7 95.1

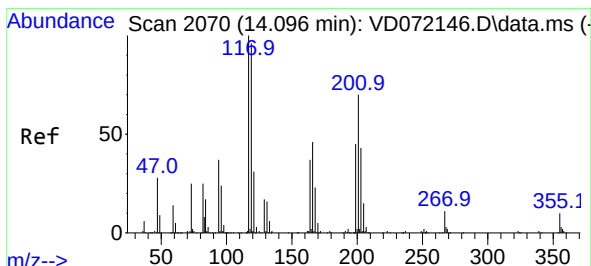
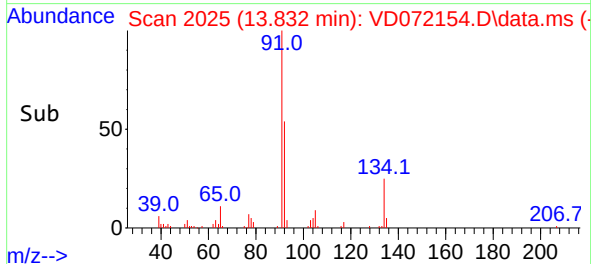
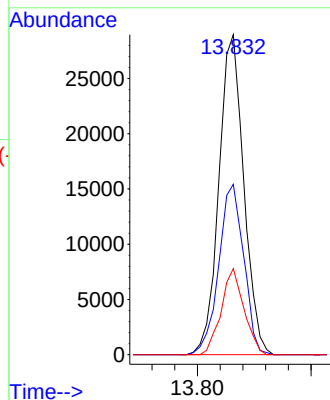
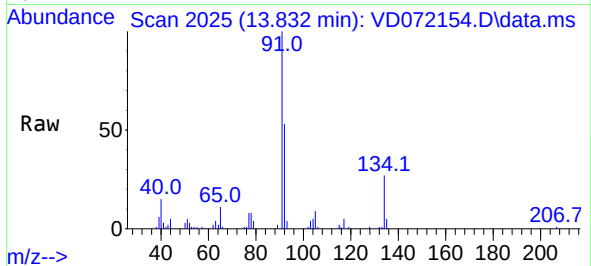




#89
n-Butylbenzene
Concen: 2.405 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

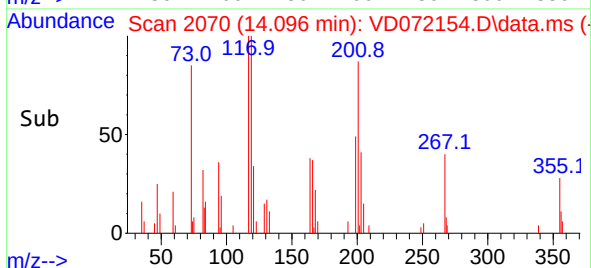
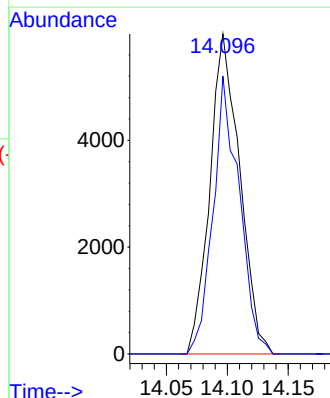
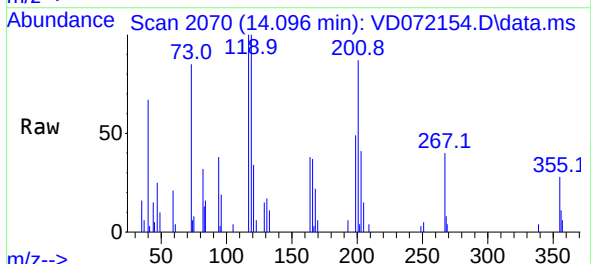
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

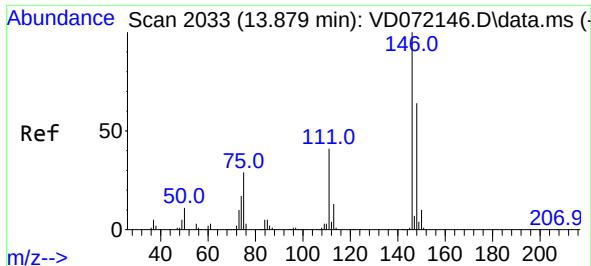
Tgt Ion:	91	Resp:	44086
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	24.6	12.3	36.9



#90
Hexachloroethane
Concen: 2.714 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:	117	Resp:	10232
Ion	Ratio	Lower	Upper
117	100		
201	75.8	33.4	100.2





#91

1,2-Dichlorobenzene

Concen: 2.996 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

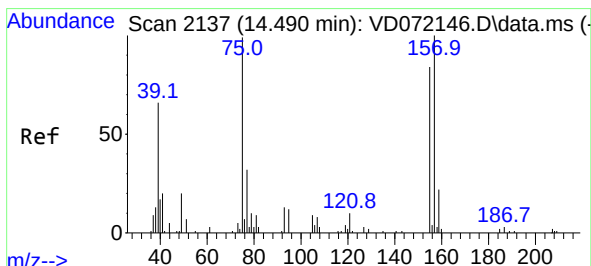
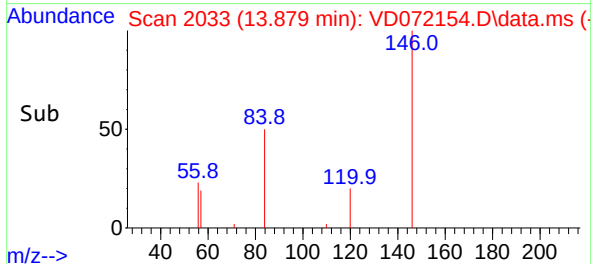
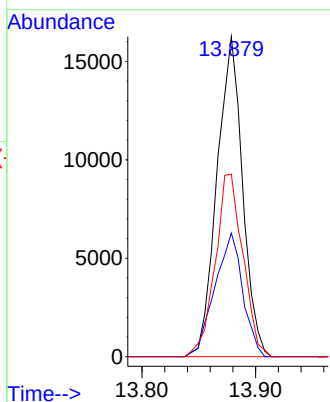
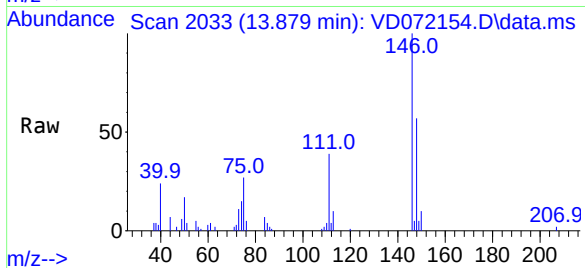
Tgt Ion:146 Resp: 25462

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.3

148 61.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.299 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD072154.D

Acq: 11 Mar 2022 17:08

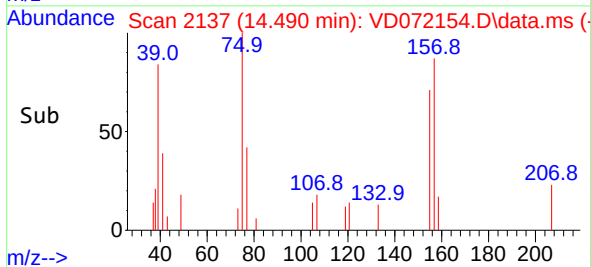
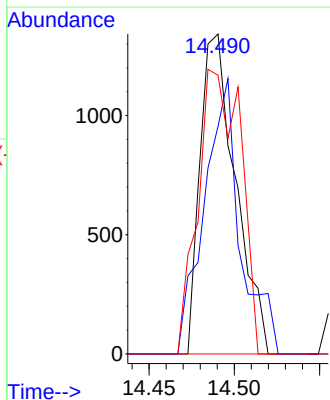
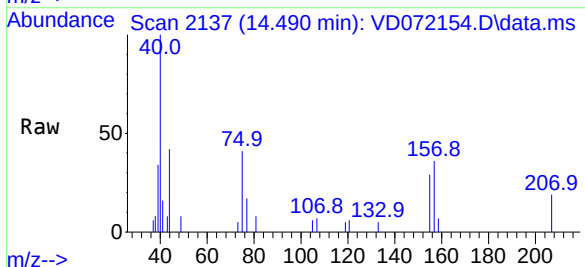
Tgt Ion: 75 Resp: 1946

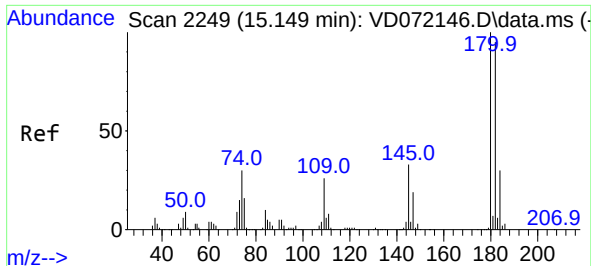
Ion Ratio Lower Upper

75 100

155 87.2 36.8 110.3

157 107.0 48.4 145.0

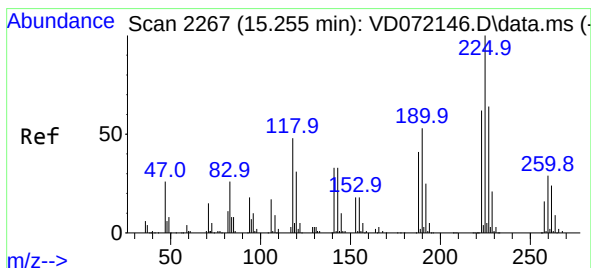
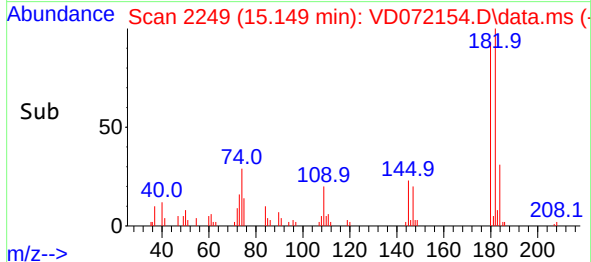
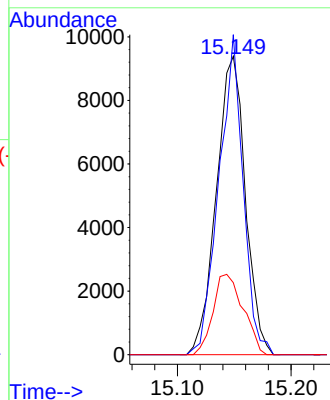
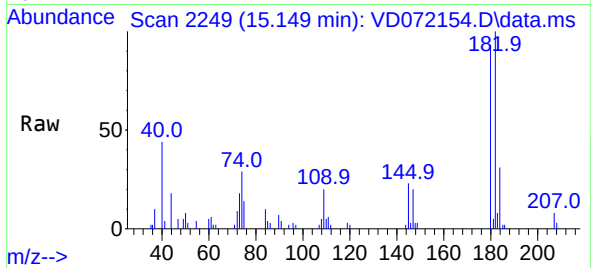




#93
1,2,4-Trichlorobenzene
Concen: 2.962 ug/l
RT: 15.149 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

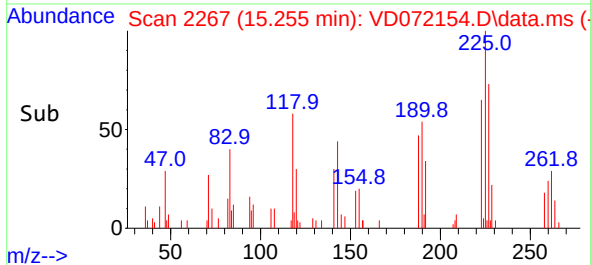
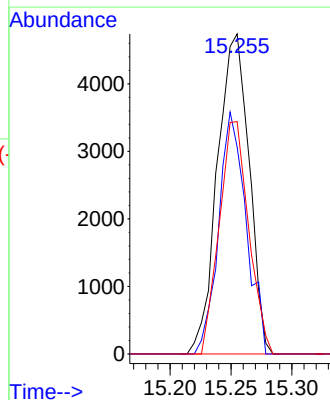
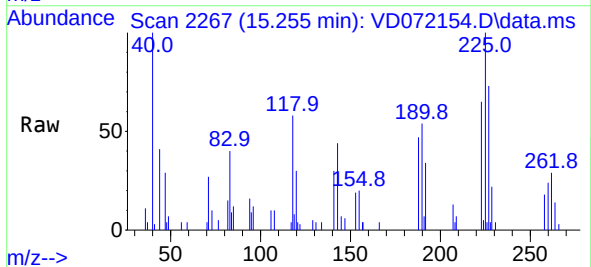
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

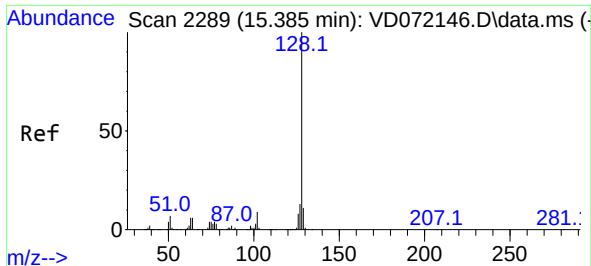
Tgt Ion:	180	Resp:	16669
Ion	Ratio	Lower	Upper
180	100		
182	89.4	47.3	142.0
145	27.9	16.2	48.5



#94
Hexachlorobutadiene
Concen: 2.626 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:	225	Resp:	8595
Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.1	93.2
227	67.5	32.4	97.0

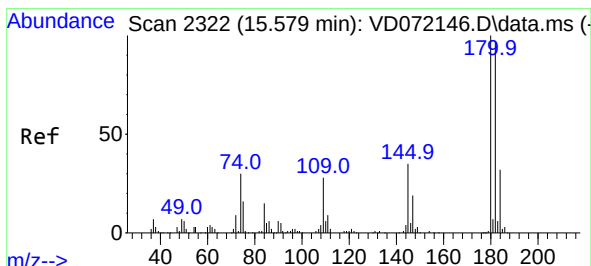
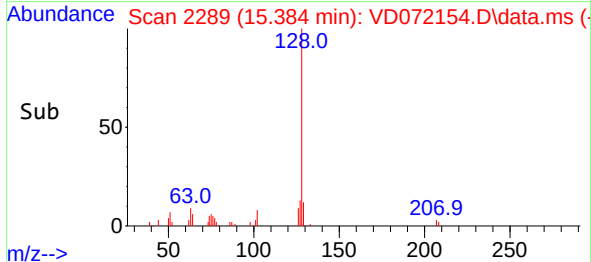
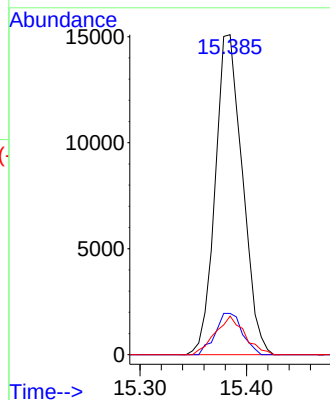
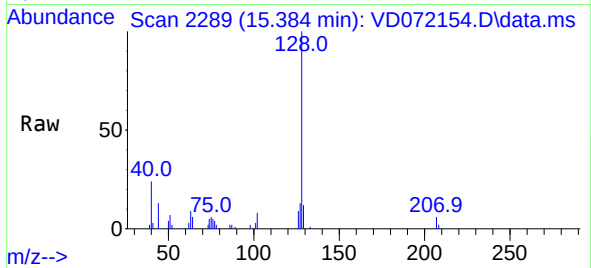




#95
Naphthalene
Concen: 2.764 ug/l
RT: 15.384 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:128 Resp: 26811
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 13.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.062 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072154.D
Acq: 11 Mar 2022 17:08

Tgt Ion:180 Resp: 14916
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.9
145 31.5 17.1 51.3

