

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073654.D
 Acq On : 22 Jun 2022 14:56
 Operator : VA/SY
 Sample : N3214-01 4.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jun 23 09:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 09:55:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	216031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	357816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	340586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	167045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	128469	51.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.360%			
35) Dibromofluoromethane	7.908	113	136681	52.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.320%			
50) Toluene-d8	10.332	98	453990	48.865	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.620	95	165328	48.524	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	10434	5.014	ug/l	87
3) Chloromethane	2.208	50	8910	4.720	ug/l	90
4) Vinyl Chloride	2.350	62	8508	4.780	ug/l	98
5) Bromomethane	2.773	94	6992	5.033	ug/l	93
6) Chloroethane	2.914	64	5639	4.896	ug/l	90
7) Trichlorofluoromethane	3.267	101	18921	4.589	ug/l	95
8) Diethyl Ether	3.708	74	4225	3.928	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	11932	5.010	ug/l	94
10) Methyl Iodide	4.302	142	9320	4.039	ug/l	98
11) Tert butyl alcohol	5.185	59	13441	48.962	ug/l #	79
12) 1,1-Dichloroethene	4.061	96	9307	4.470	ug/l	95
13) Acrolein	3.914	56	412	5.447	ug/l #	39
14) Allyl chloride	4.708	41	12496	4.171	ug/l	98
15) Acrylonitrile	5.414	53	10992	22.525	ug/l	98
16) Acetone	4.149	43	9866	24.967	ug/l	98
17) Carbon Disulfide	4.408	76	23990	3.997	ug/l	95
18) Methyl Acetate	4.720	43	8463	6.692	ug/l #	67
19) Methyl tert-butyl Ether	5.479	73	21321	4.328	ug/l	99
20) Methylene Chloride	4.967	84	30980	9.792	ug/l	93
21) trans-1,2-Dichloroethene	5.461	96	11232	4.537	ug/l #	78
22) Diisopropyl ether	6.355	45	25894	3.852	ug/l #	97
23) Vinyl Acetate	6.296	43	54503	15.506	ug/l	98
24) 1,1-Dichloroethane	6.261	63	18522	4.115	ug/l #	94
25) 2-Butanone	7.202	43	12796	22.244	ug/l	96
26) 2,2-Dichloropropane	7.202	77	19075	4.613	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	11383	3.986	ug/l	91
28) Bromochloromethane	7.532	49	7670	4.550	ug/l	98
29) Tetrahydrofuran	7.561	42	6407	17.959	ug/l #	77
30) Chloroform	7.702	83	21702	4.259	ug/l	94
31) Cyclohexane	7.979	56	19222	5.083	ug/l #	86
32) 1,1,1-Trichloroethane	7.896	97	19931	4.396	ug/l	97
36) 1,1-Dichloropropene	8.108	75	16248	4.469	ug/l	95
37) Ethyl Acetate	7.279	43	4505	3.220	ug/l #	93
38) Carbon Tetrachloride	8.096	117	17517	4.242	ug/l	93
39) Methylcyclohexane	9.343	83	15046	3.735	ug/l	90
40) Benzene	8.349	78	43476	4.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	4302	5.555	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	13815	4.397	ug/l	100
43) Isopropyl Acetate	8.443	43	10986	4.172	ug/l	93
44) Trichloroethene	9.108	130	13203	4.408	ug/l	82
45) 1,2-Dichloropropane	9.379	63	11460	4.336	ug/l	93
46) Dibromomethane	9.461	93	6171	4.112	ug/l	95
47) Bromodichloromethane	9.649	83	16404	4.200	ug/l	91
48) Methyl methacrylate	9.455	41	5372	4.030	ug/l	93
49) 1,4-Dioxane	9.467	88	1256	75.519	ug/l #	78
51) 4-Methyl-2-Pentanone	10.220	43	26827	19.841	ug/l	97
52) Toluene	10.396	92	29197	4.247	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	14064	3.932	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	15687	3.751	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	8657	4.085	ug/l	96
56) Ethyl methacrylate	10.655	69	8719	3.728	ug/l	95
57) 1,3-Dichloropropane	10.937	76	14721	4.217	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	19972	21.234	ug/l	93
59) 2-Hexanone	10.979	43	16525	17.723	ug/l	91
60) Dibromochloromethane	11.131	129	11856	4.291	ug/l	93
61) 1,2-Dibromoethane	11.237	107	8638	4.254	ug/l	100
64) Tetrachloroethene	10.867	164	12771	5.065	ug/l	96
65) Chlorobenzene	11.661	112	32819	4.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	12326	4.182	ug/l	94
67) Ethyl Benzene	11.737	91	50942	3.940	ug/l	99
68) m/p-Xylenes	11.843	106	39575	7.772	ug/l	96
69) o-Xylene	12.167	106	17778	3.746	ug/l	97
70) Styrene	12.184	104	29599	3.637	ug/l	98
71) Bromoform	12.343	173	7205	4.490	ug/l #	99
73) Isopropylbenzene	12.467	105	46283	3.840	ug/l	99
74) N-amyl acetate	12.278	43	9104	3.737	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	9640	4.253	ug/l	90
76) 1,2,3-Trichloropropane	12.767	75	11926	7.377	ug/l #	7
77) Bromobenzene	12.755	156	13095	4.464	ug/l	95
78) n-propylbenzene	12.808	91	61222	4.147	ug/l	100
79) 2-Chlorotoluene	12.896	91	37205	4.297	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	40505	3.935	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	3032	4.328	ug/l	96
82) 4-Chlorotoluene	12.990	91	39737	4.299	ug/l	99
83) tert-Butylbenzene	13.208	119	35754	4.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	40932	4.031	ug/l	97
85) sec-Butylbenzene	13.390	105	53229	4.017	ug/l	97
86) p-Isopropyltoluene	13.502	119	42708	3.902	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	26956	4.455	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	27790	4.634	ug/l	91
89) n-Butylbenzene	13.831	91	42049	4.086	ug/l	97
90) Hexachloroethane	14.096	117	10433	4.463	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	23065	4.418	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1674	4.729	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	12910	4.245	ug/l	97
94) Hexachlorobutadiene	15.249	225	8393	4.870	ug/l	97
95) Naphthalene	15.378	128	20892	3.954	ug/l	97
96) 1,2,3-Trichlorobenzene	15.578	180	11461	4.332	ug/l	95

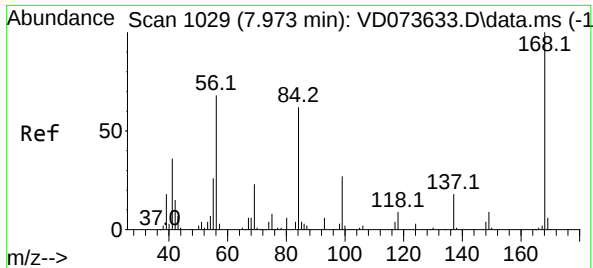
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Quant Title : SW846 8260
QLast Update : Thu Jun 23 09:55:20 2022
Response via : Initial Calibration

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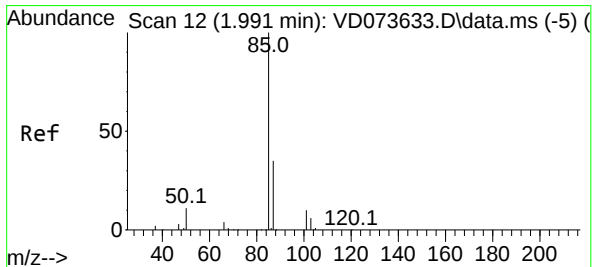
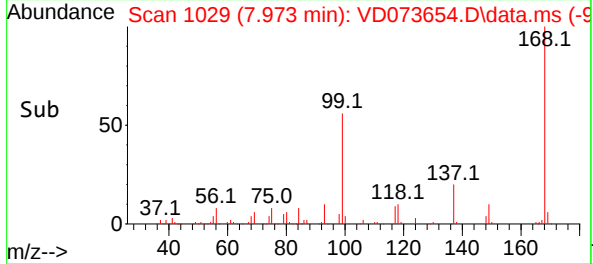
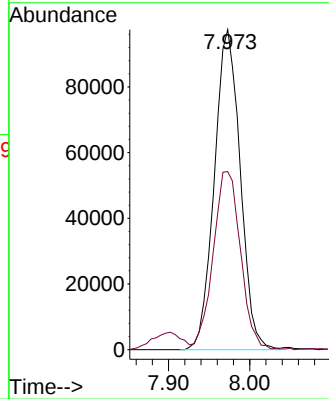
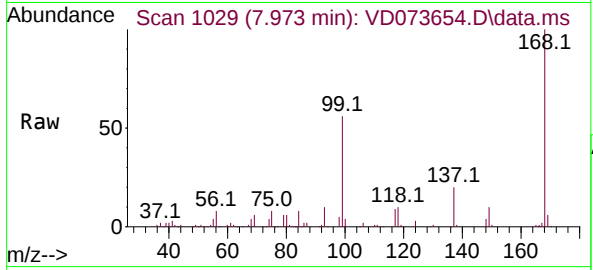
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073654.D
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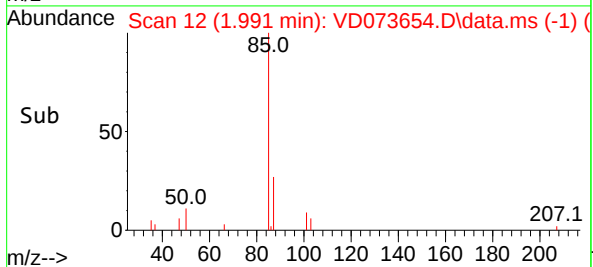
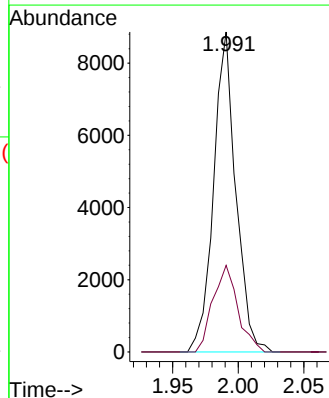
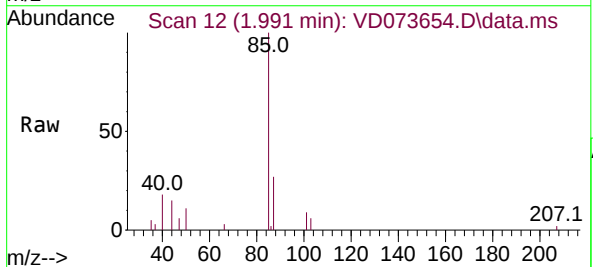
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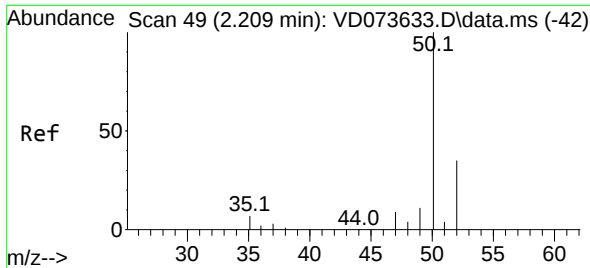
Tgt Ion:168 Resp: 216031
Ion Ratio Lower Upper
168 100
99 55.4 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 5.014 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 85 Resp: 10434
Ion Ratio Lower Upper
85 100
87 27.1 17.4 52.2

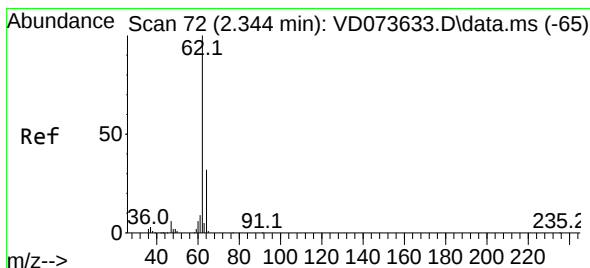
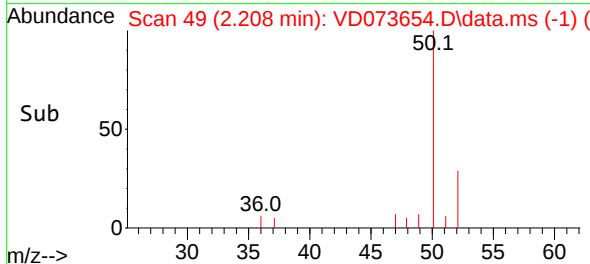
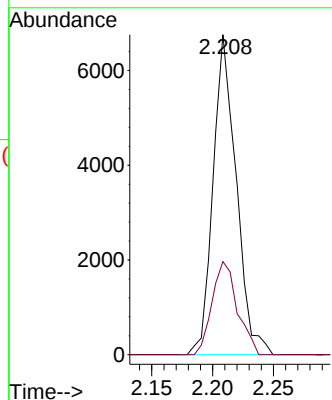
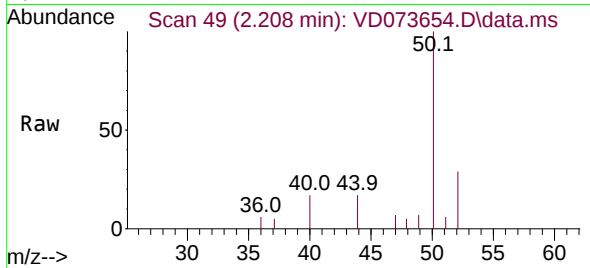




#3
Chloromethane
Concen: 4.720 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

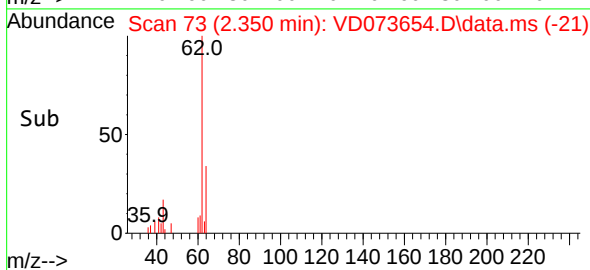
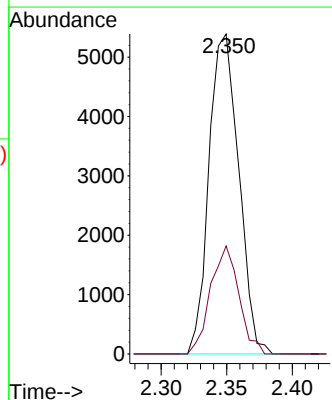
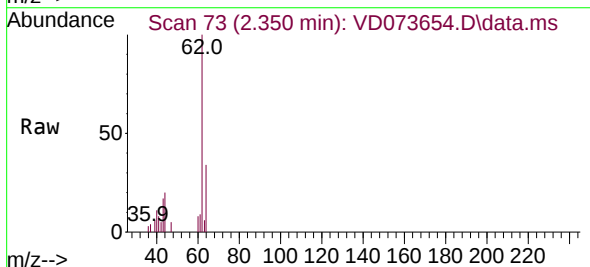
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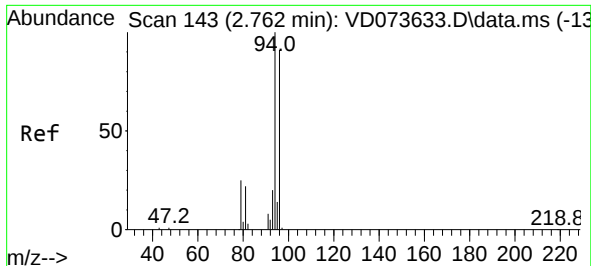
Tgt Ion: 50 Resp: 8910
Ion Ratio Lower Upper
50 100
52 29.1 27.8 41.8



#4
Vinyl Chloride
Concen: 4.780 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 62 Resp: 8508
Ion Ratio Lower Upper
62 100
64 33.8 25.9 38.9

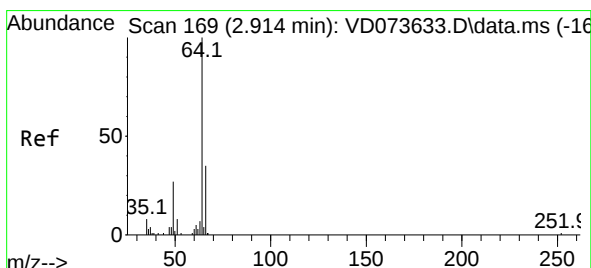
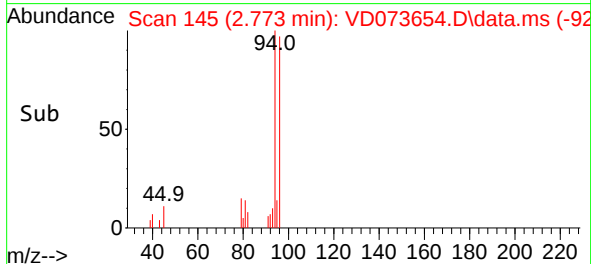
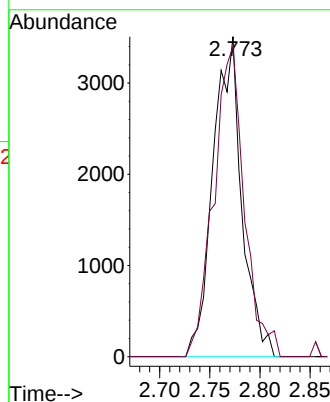
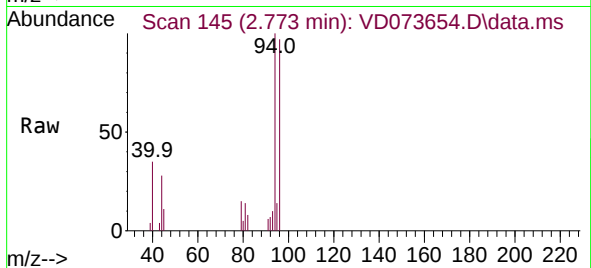




#5
Bromomethane
Concen: 5.033 ug/l
RT: 2.773 min Scan# 14
Delta R.T. 0.011 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

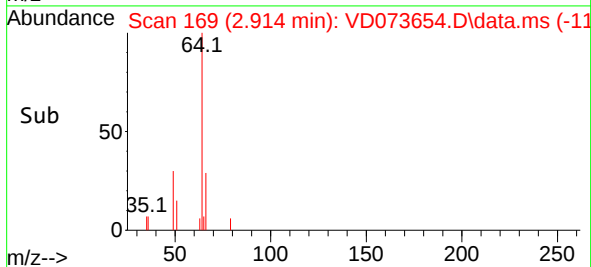
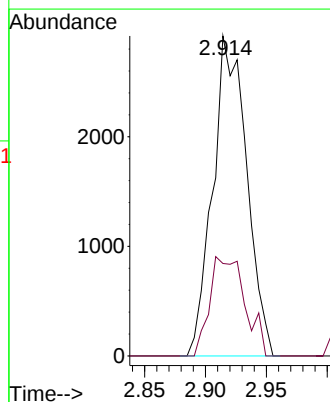
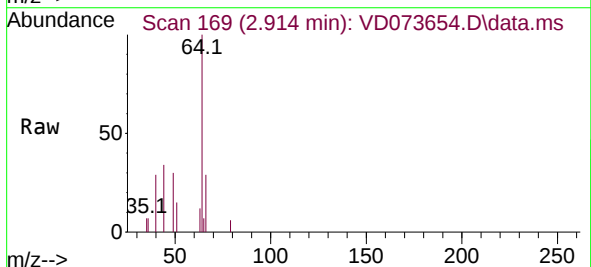
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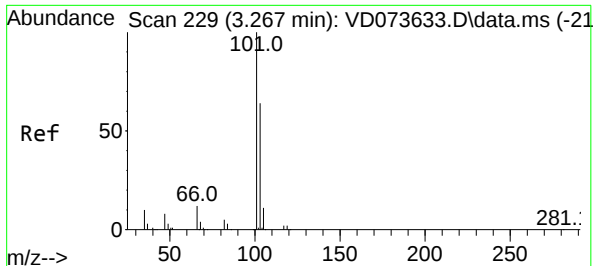
Tgt Ion: 94 Resp: 6992
Ion Ratio Lower Upper
94 100
96 96.9 72.6 108.8



#6
Chloroethane
Concen: 4.896 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 64 Resp: 5639
Ion Ratio Lower Upper
64 100
66 28.9 27.7 41.5

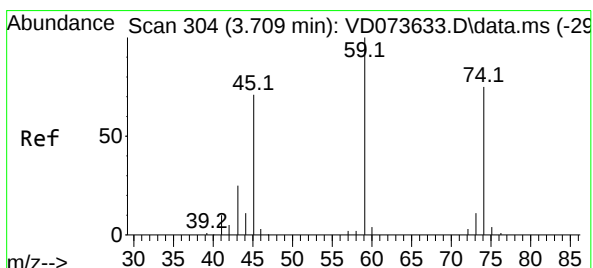
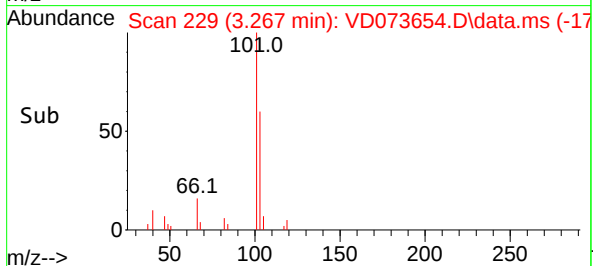
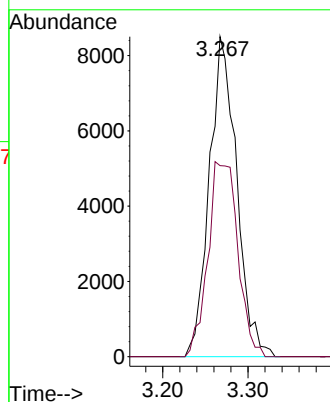
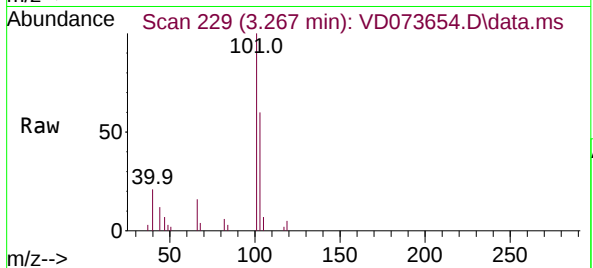




#7
 Trichlorofluoromethane
 Concen: 4.589 ug/l
 RT: 3.267 min Scan# 229
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

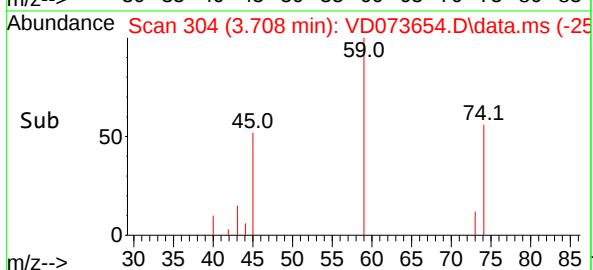
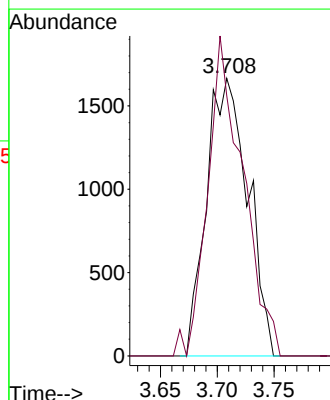
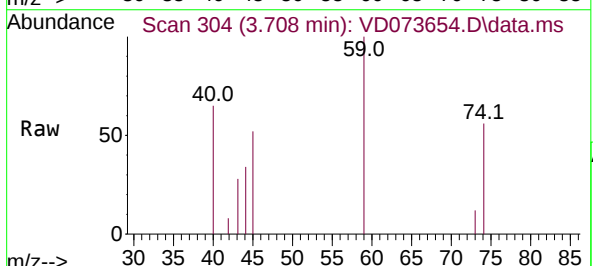
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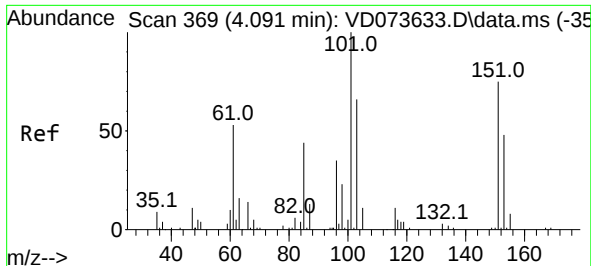
Tgt Ion:101 Resp: 18921
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.2 76.8



#8
 Diethyl Ether
 Concen: 3.928 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

Tgt Ion: 74 Resp: 4225
 Ion Ratio Lower Upper
 74 100
 45 98.1 47.6 142.8

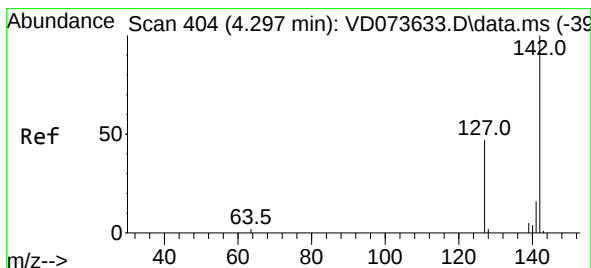
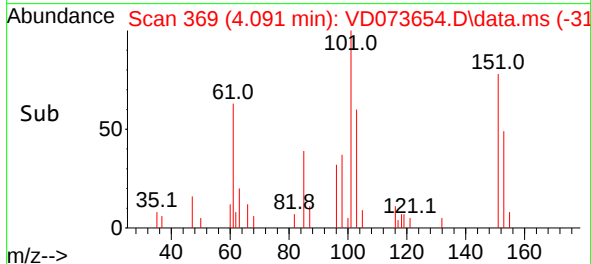
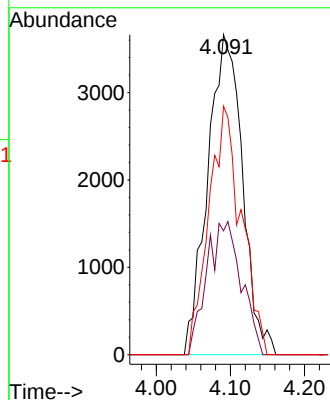
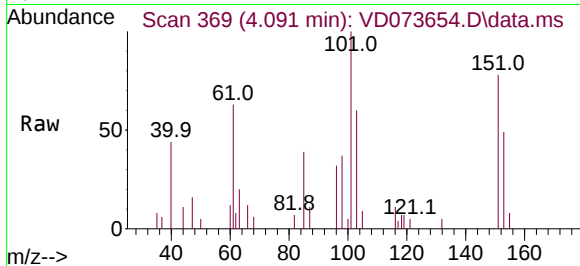




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.010 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073654.D
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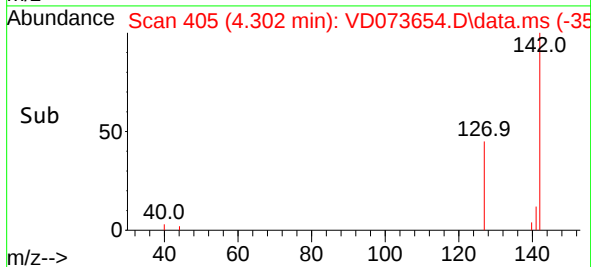
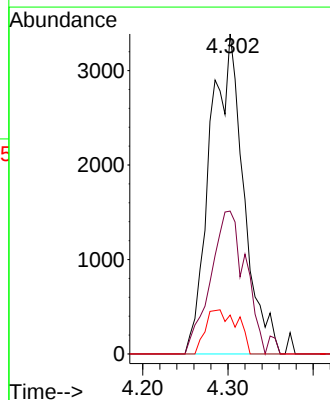
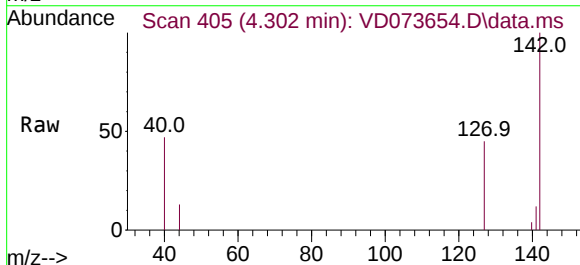
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

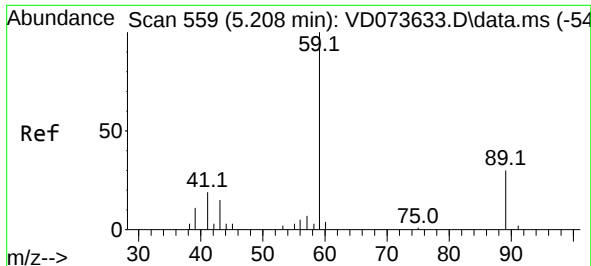
Tgt Ion:	101	Resp:	11932
Ion	Ratio	Lower	Upper
101	100		
85	41.6	35.2	52.8
151	72.7	63.4	95.0



#10
Methyl Iodide
Concen: 4.039 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:	142	Resp:	9320
Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.2	55.8
141	13.0	12.3	18.5

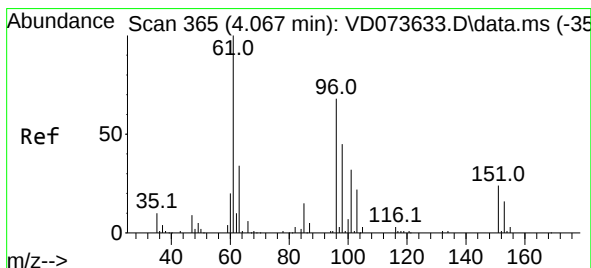
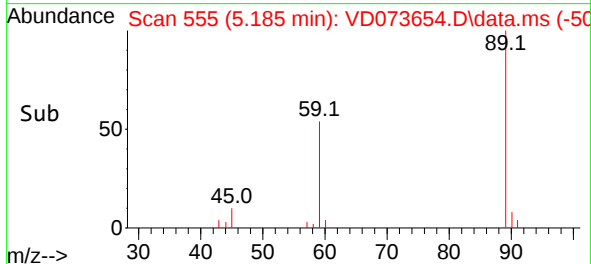
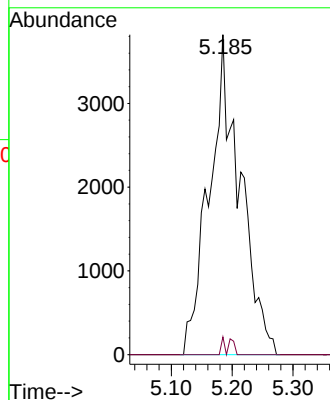
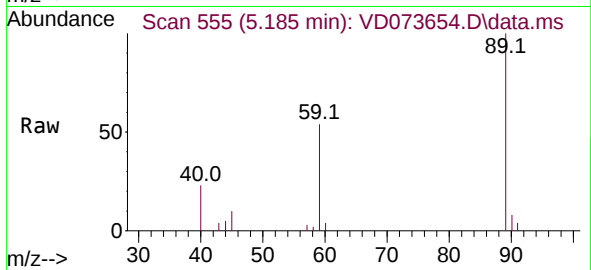




#11
Tert butyl alcohol
Concen: 48.962 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

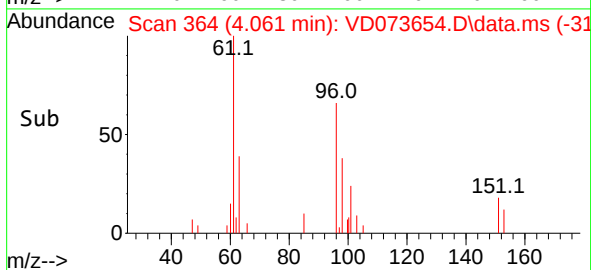
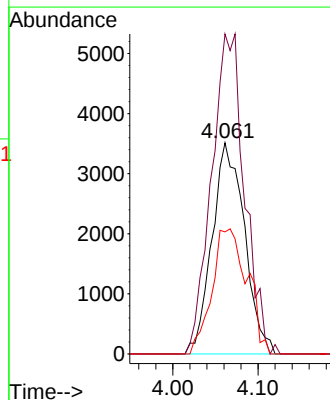
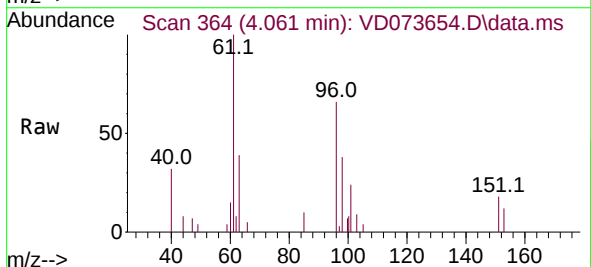
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

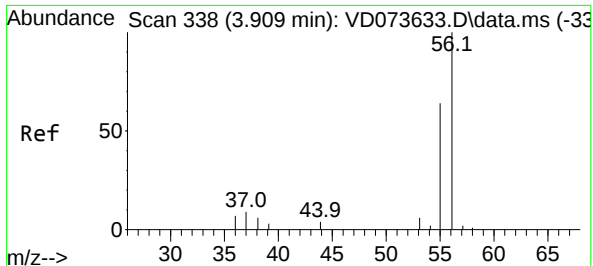
Tgt Ion: 59 Resp: 13441
Ion Ratio Lower Upper
59 100
57 0.9 6.7 10.1#



#12
1,1-Dichloroethene
Concen: 4.470 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 96 Resp: 9307
Ion Ratio Lower Upper
96 100
61 151.5 118.5 177.7
98 57.8 52.8 79.2

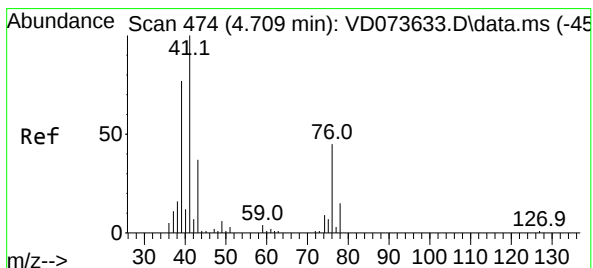
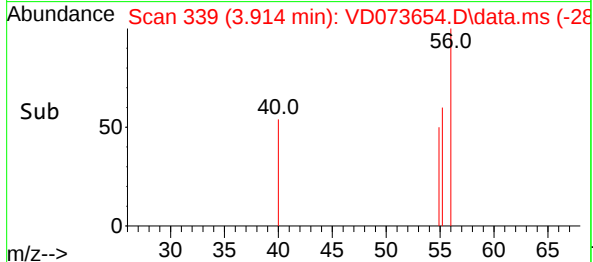
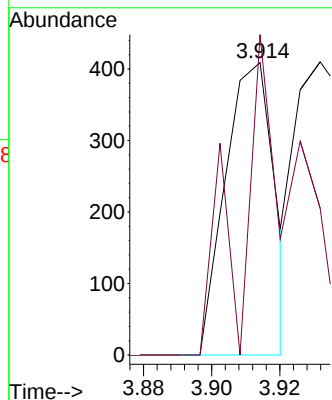
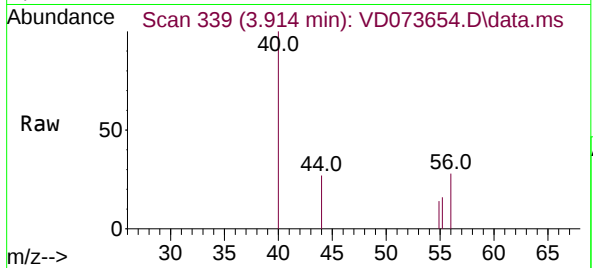




#13
Acrolein
Concen: 5.447 ug/l
RT: 3.914 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

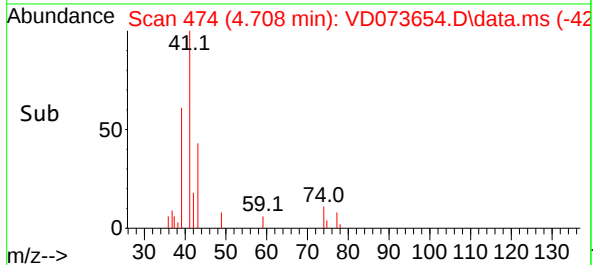
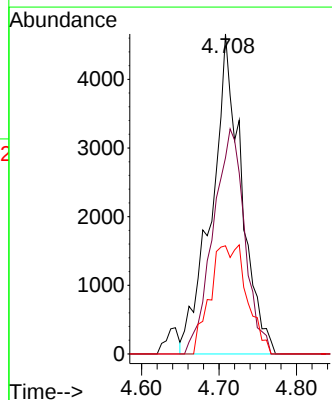
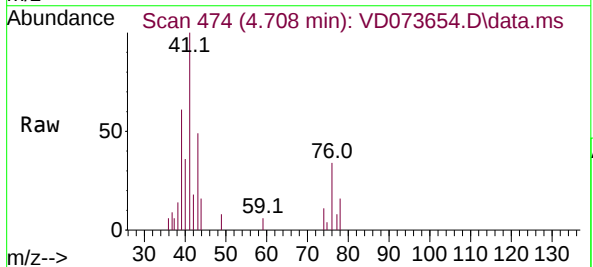
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

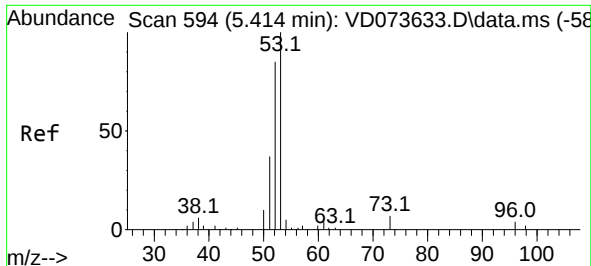
Tgt Ion: 56 Resp: 412
Ion Ratio Lower Upper
56 100
55 120.9 56.4 84.6#



#14
Allyl chloride
Concen: 4.171 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 41 Resp: 12496
Ion Ratio Lower Upper
41 100
39 74.5 57.3 85.9
76 41.8 33.4 50.0

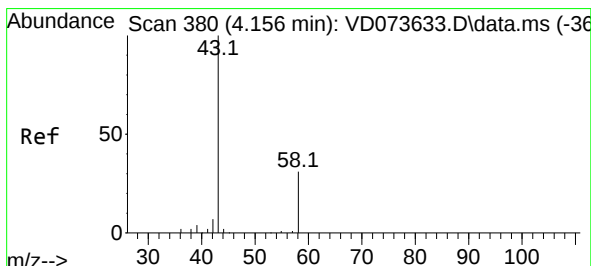
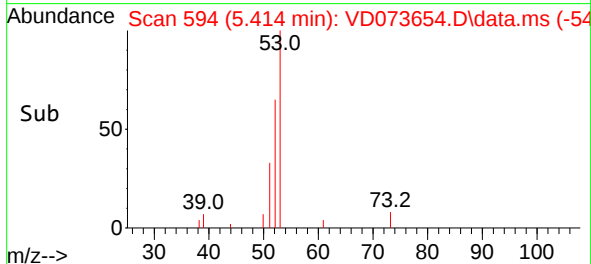
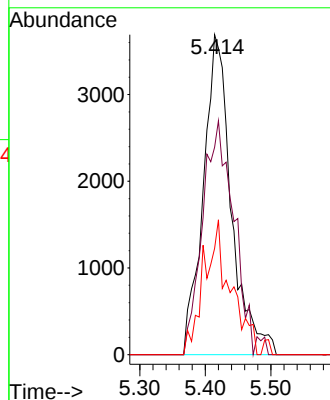
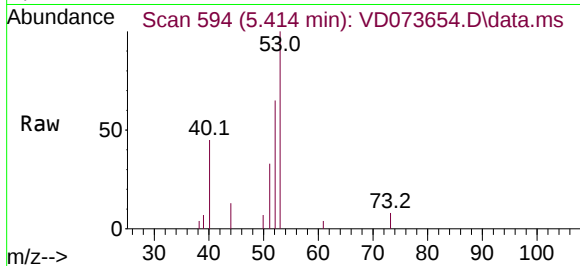




#15
Acrylonitrile
Concen: 22.525 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

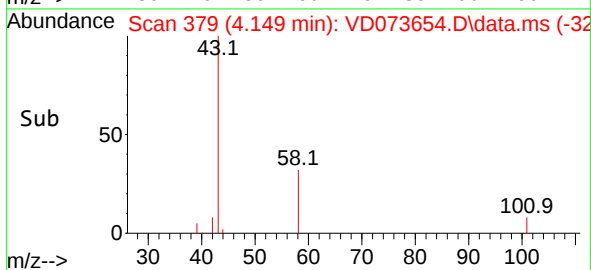
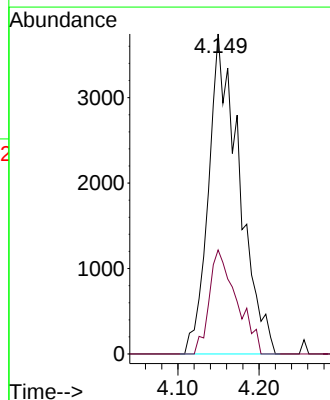
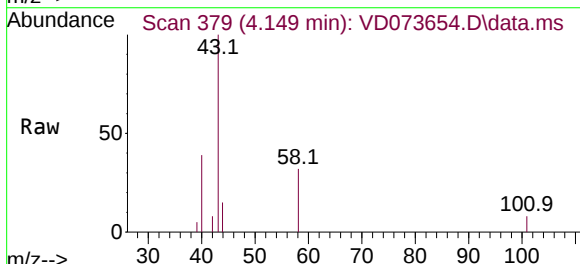
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

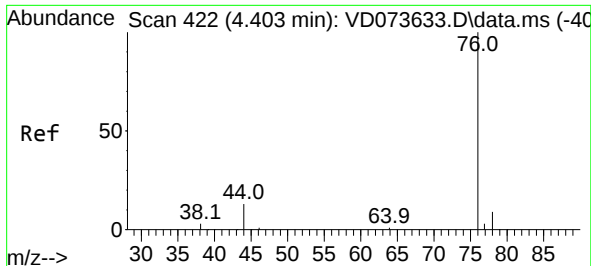
Tgt Ion: 53	Resp: 10992
Ion Ratio	Lower Upper
53 100	
52 81.5	64.6 97.0
51 40.0	29.6 44.4



#16
Acetone
Concen: 24.967 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 43	Resp: 9866		
Ion Ratio	Lower	Upper	
43 100			
58 32.5	25.0	37.4	

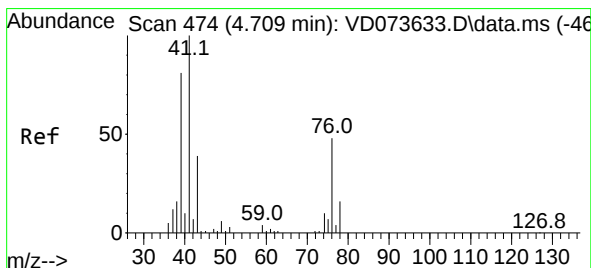
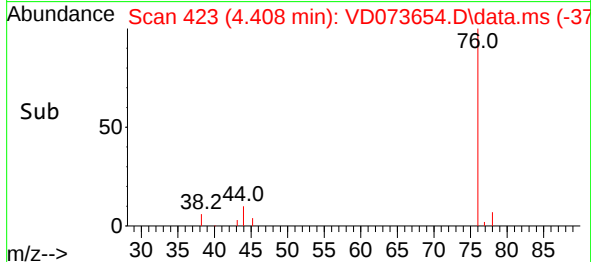
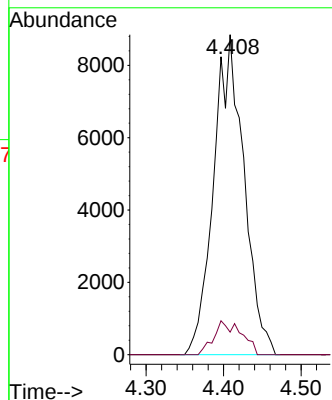
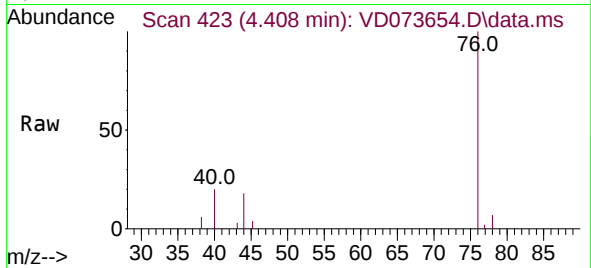




#17
Carbon Disulfide
Concen: 3.997 ug/l
RT: 4.408 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

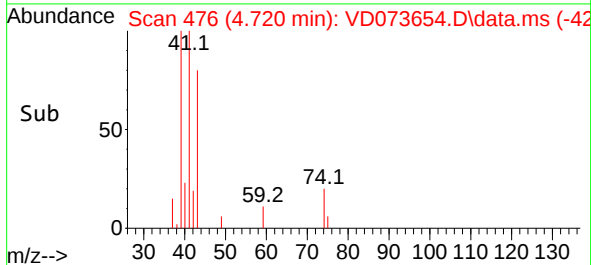
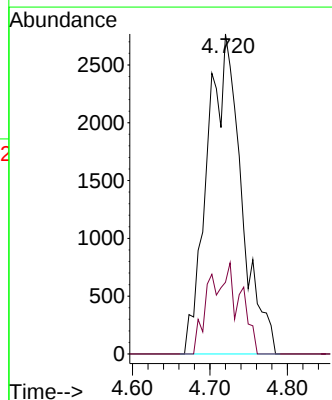
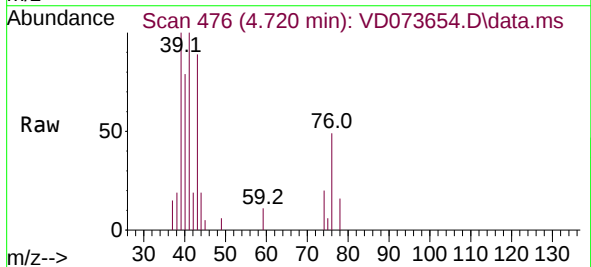
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

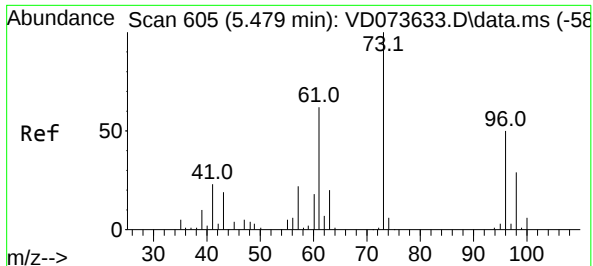
Tgt Ion: 76 Resp: 23990
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4



#18
Methyl Acetate
Concen: 6.692 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.011 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 43 Resp: 8463
Ion Ratio Lower Upper
43 100
74 9.6 21.2 31.8#





#19

Methyl tert-butyl Ether

Concen: 4.328 ug/l

RT: 5.479 min Scan# 605

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

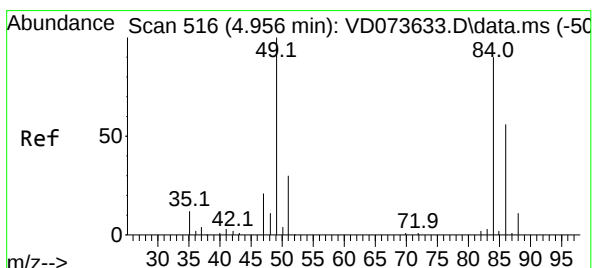
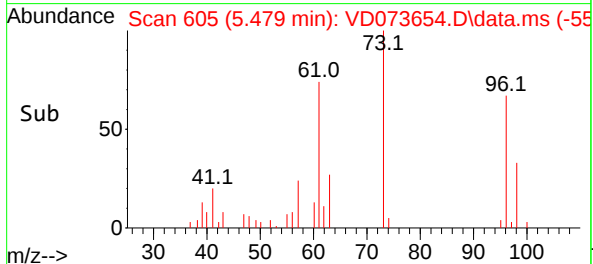
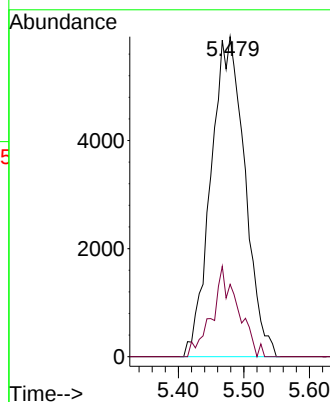
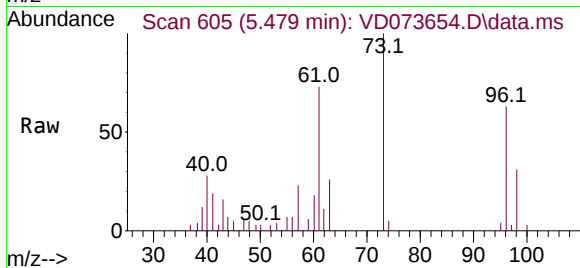
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 73 Resp: 21321

Ion Ratio Lower Upper

73 100

57 22.6 17.7 26.5



#20

Methylene Chloride

Concen: 9.792 ug/l

RT: 4.967 min Scan# 518

Delta R.T. 0.011 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion: 84 Resp: 30980

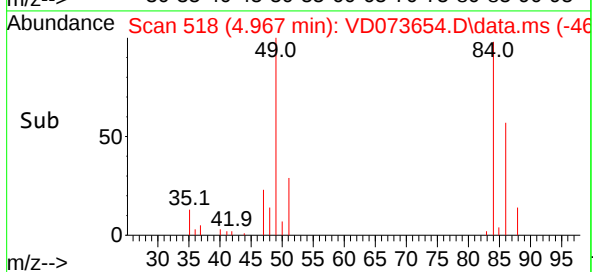
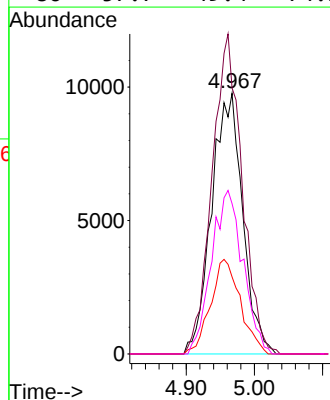
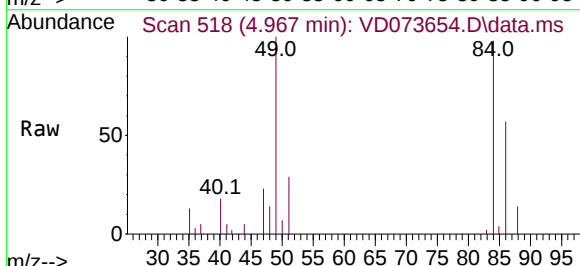
Ion Ratio Lower Upper

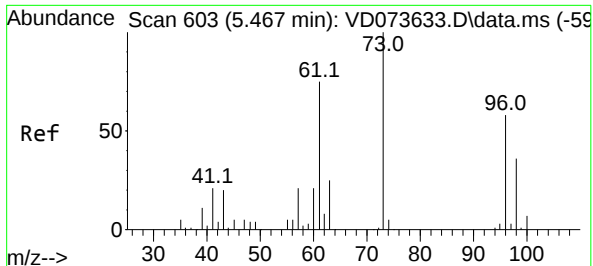
84 100

49 102.1 89.0 133.6

51 29.6 26.7 40.1

86 57.7 49.4 74.2

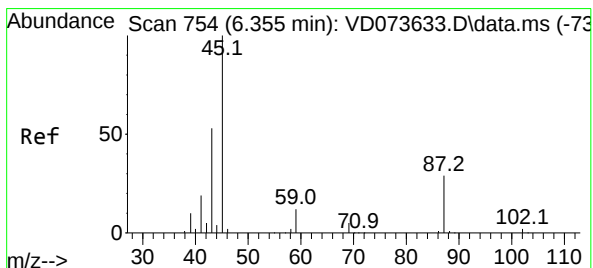
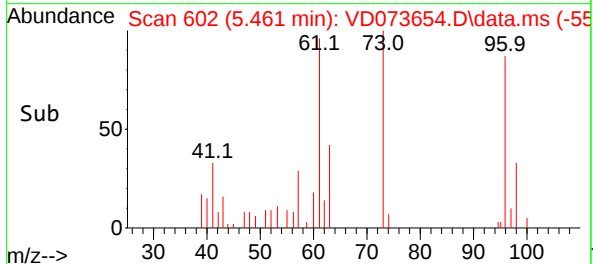
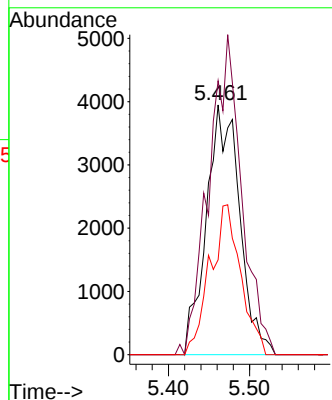
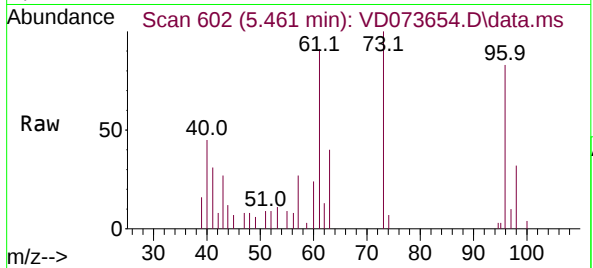




#21
trans-1,2-Dichloroethene
Concen: 4.537 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

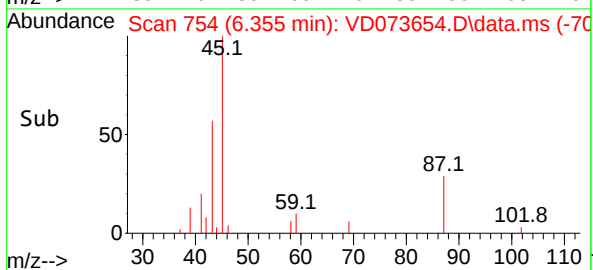
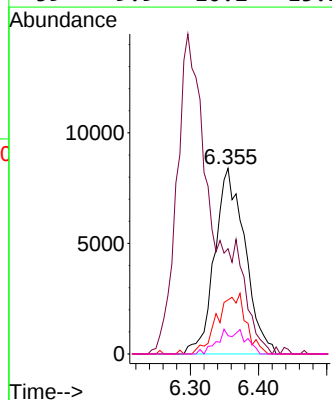
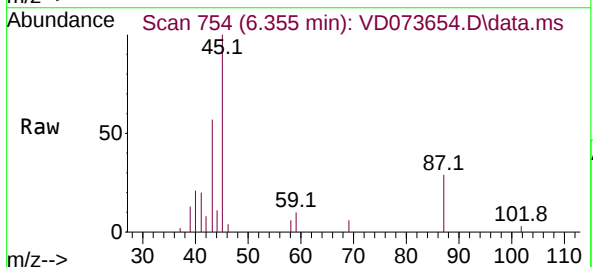
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

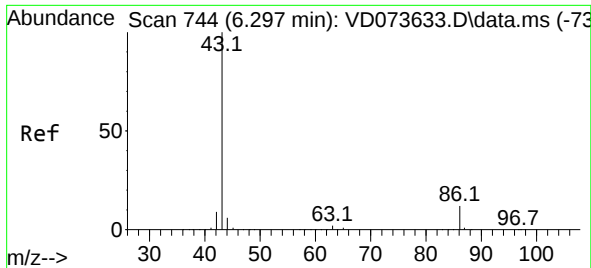
Tgt Ion: 96 Resp: 11232
Ion Ratio Lower Upper
96 100
61 109.7 103.2 154.8
98 38.0 50.2 75.4#



#22
Diisopropyl ether
Concen: 3.852 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 45 Resp: 25894
Ion Ratio Lower Upper
45 100
43 56.8 43.8 65.6
87 29.2 23.8 35.6
59 9.9 10.2 15.2#

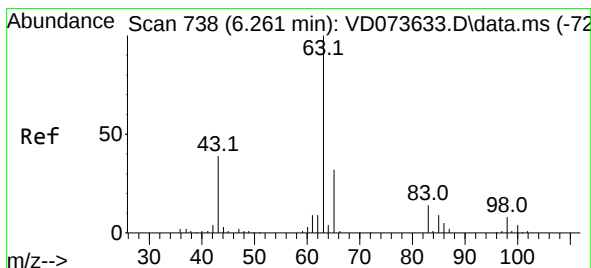
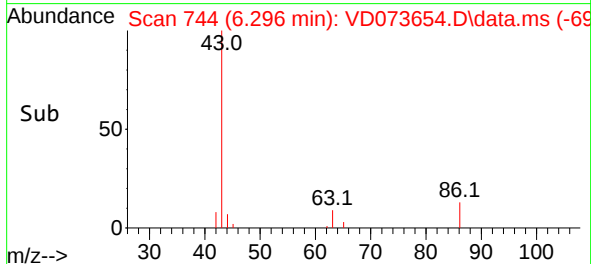
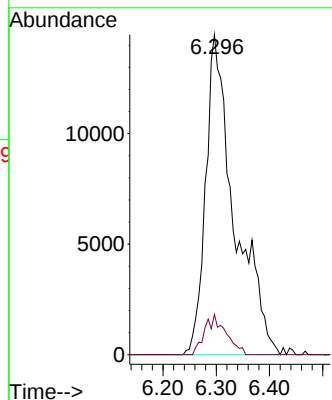
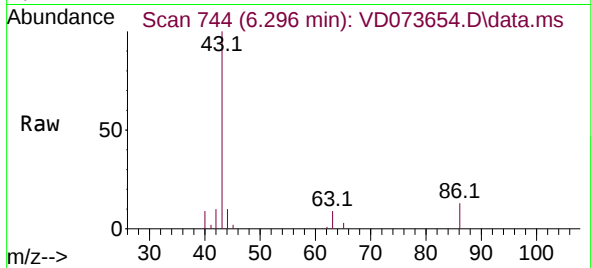




#23
 Vinyl Acetate
 Concen: 15.506 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

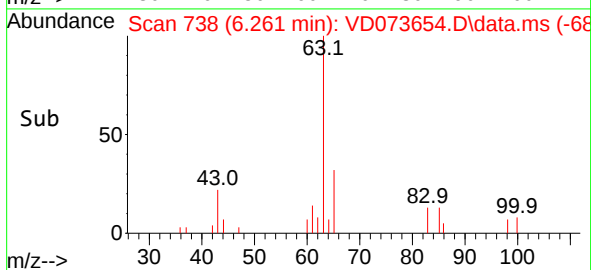
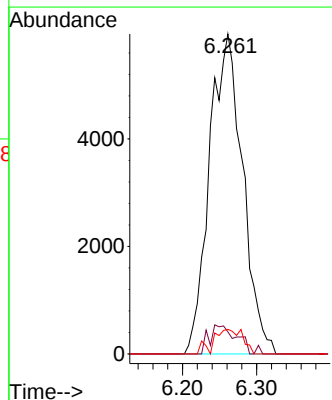
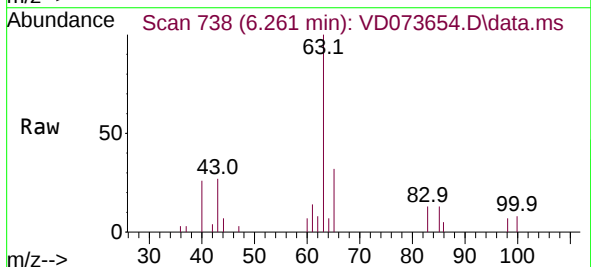
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

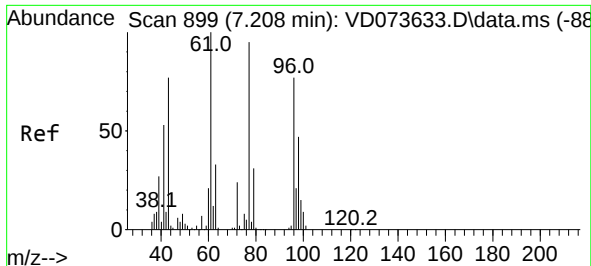
Tgt Ion: 43 Resp: 54503
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 4.115 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

Tgt Ion: 63 Resp: 18522
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.1 12.3
 100 7.7 2.1 6.2#

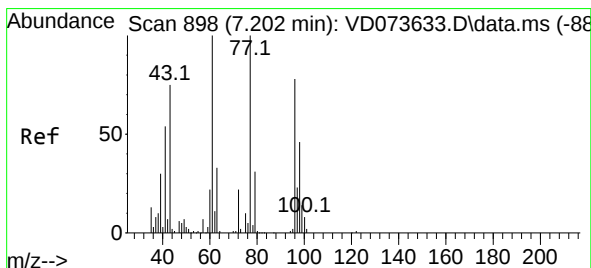
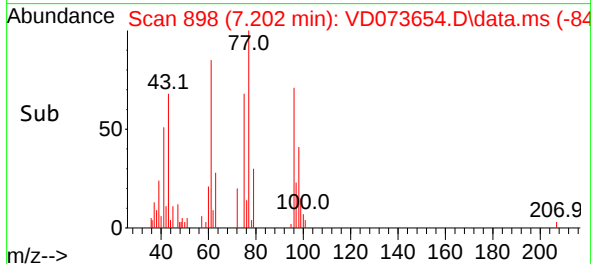
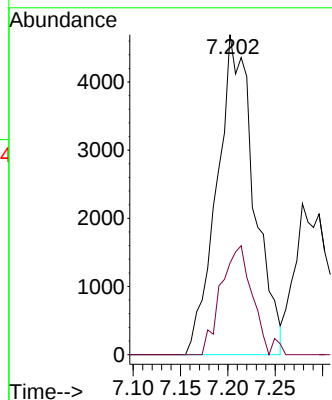
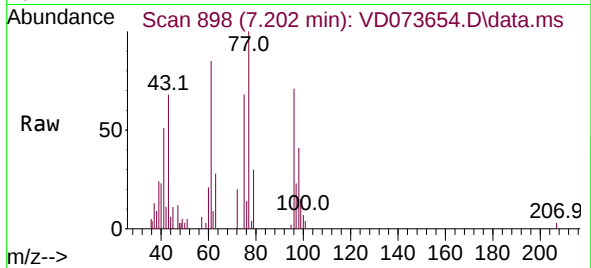




#25
2-Butanone
Concen: 22.244 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

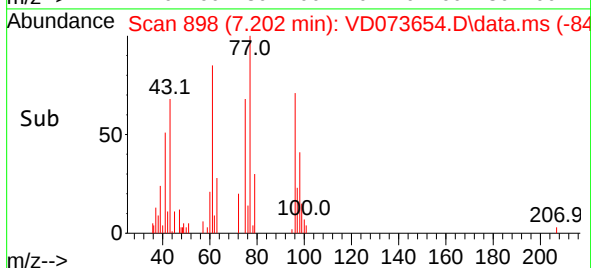
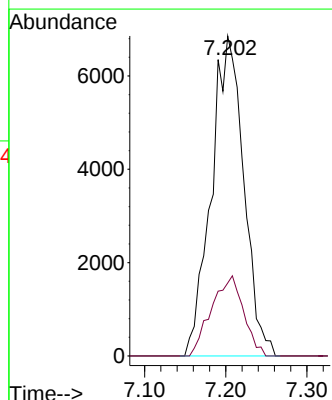
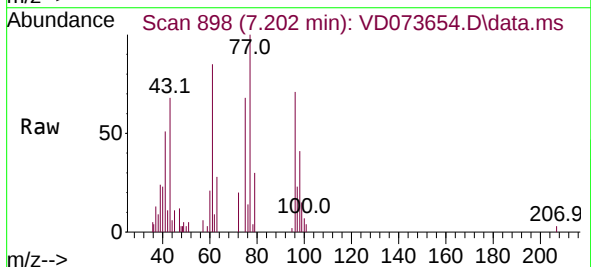
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

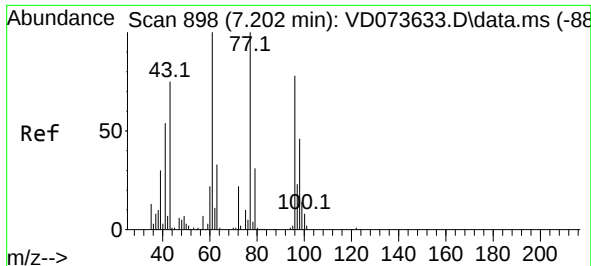
Tgt Ion: 43 Resp: 12796
Ion Ratio Lower Upper
43 100
72 28.6 24.7 37.1



#26
2,2-Dichloropropane
Concen: 4.613 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 77 Resp: 19075
Ion Ratio Lower Upper
77 100
97 24.7 11.4 34.2

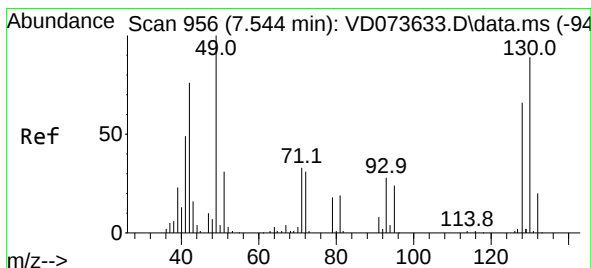
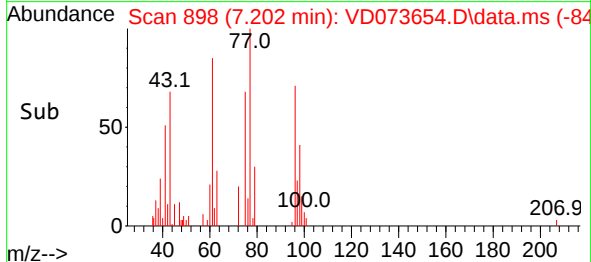
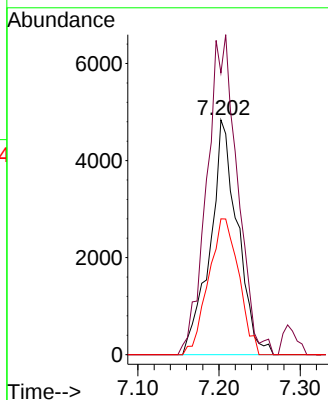
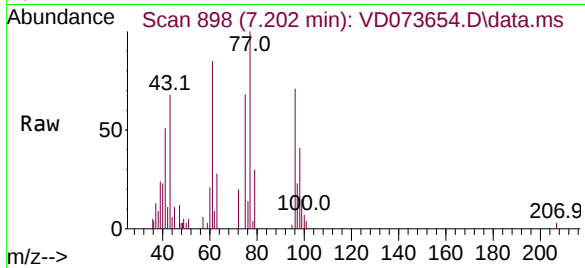




#27
 cis-1,2-Dichloroethene
 Concen: 3.986 ug/l
 RT: 7.202 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

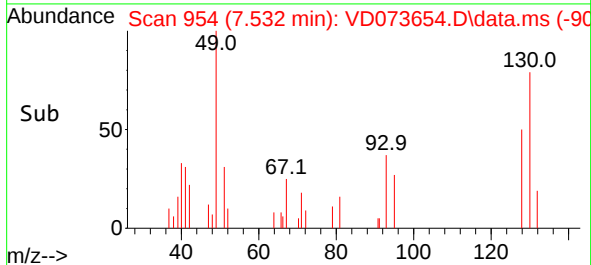
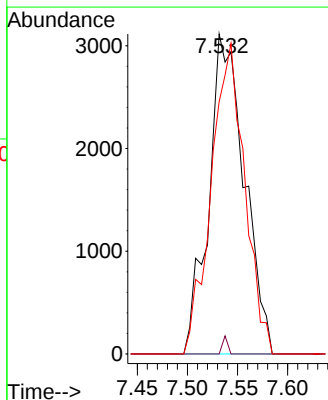
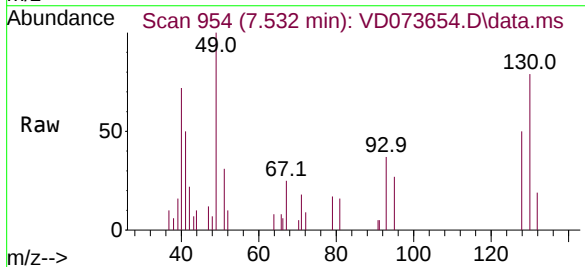
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

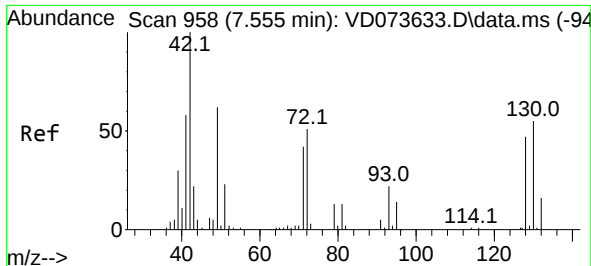
Tgt Ion: 96 Resp: 11383
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 273.2
 98 63.9 0.0 126.8



#28
 Bromochloromethane
 Concen: 4.550 ug/l
 RT: 7.532 min Scan# 954
 Delta R.T. -0.012 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

Tgt Ion: 49 Resp: 7670
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 91.6 72.2 108.2





#29

Tetrahydrofuran

Concen: 17.959 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073654.D

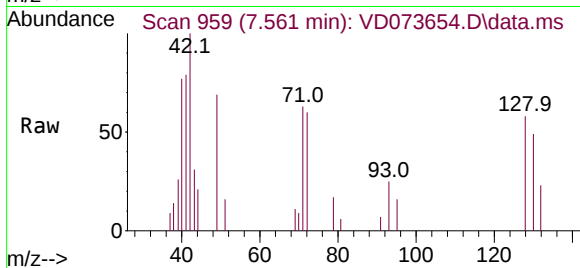
Acq: 22 Jun 2022 14:56

Instrument :

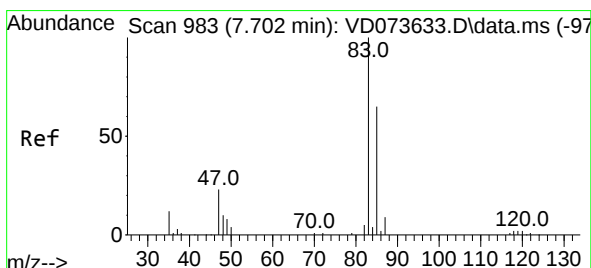
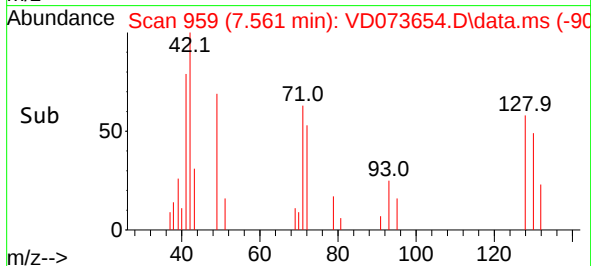
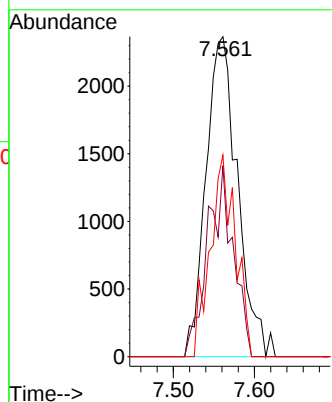
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:	42	Resp:	6407
Ion	Ratio	Lower	Upper
42	100		
72	23.9	37.9	56.9#
71	50.2	35.2	52.8



#30

Chloroform

Concen: 4.259 ug/l

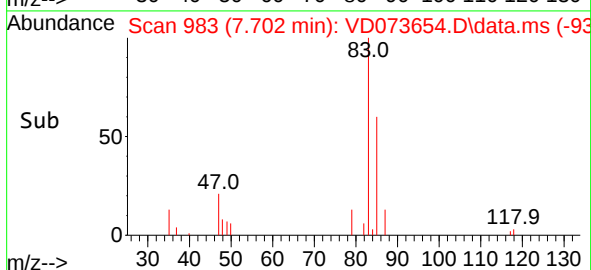
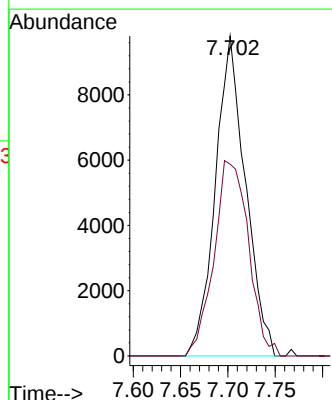
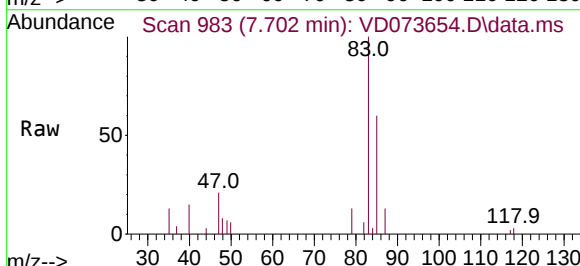
RT: 7.702 min Scan# 983

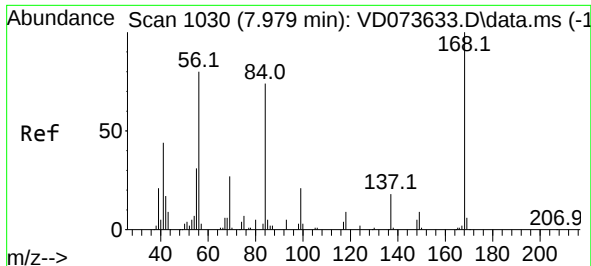
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

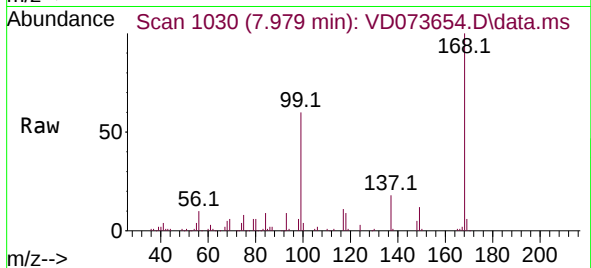
Tgt Ion:	83	Resp:	21702
Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.8	77.8



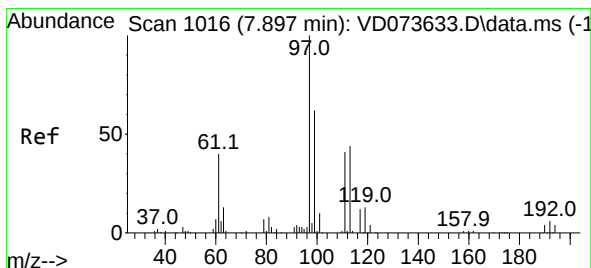
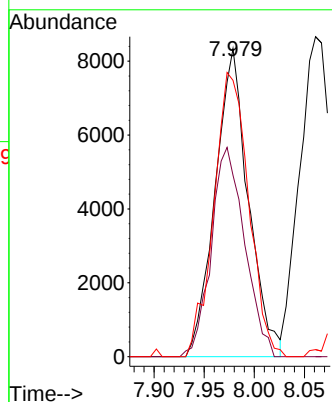
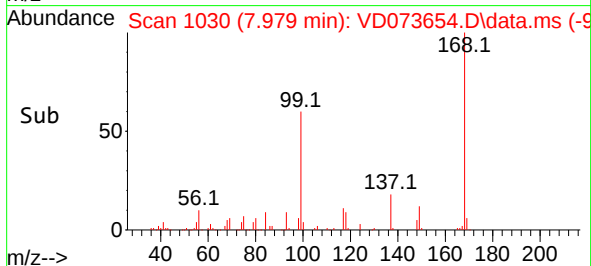


#31
Cyclohexane
Concen: 5.083 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

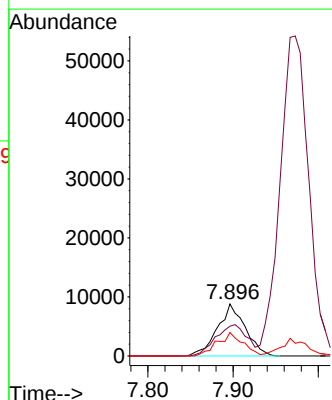
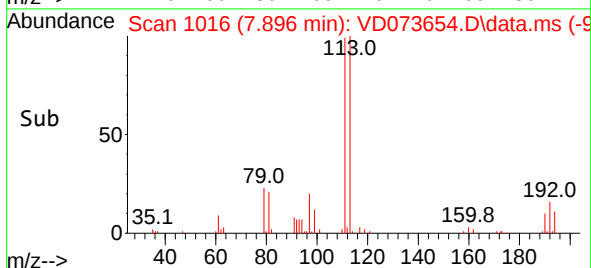
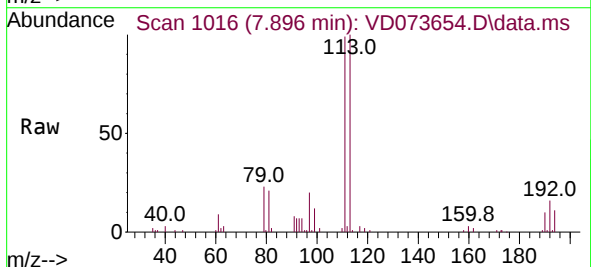


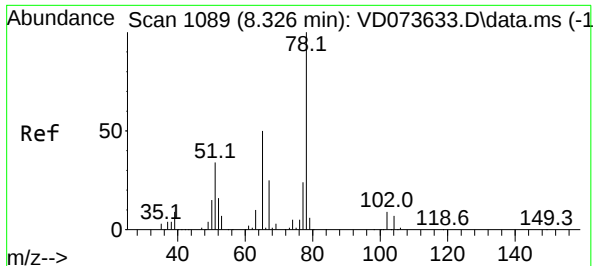
Tgt Ion: 56 Resp: 19222
Ion Ratio Lower Upper
56 100
69 58.9 26.9 40.3#
84 89.7 73.8 110.8



#32
1,1,1-Trichloroethane
Concen: 4.396 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 97 Resp: 19931
Ion Ratio Lower Upper
97 100
99 67.0 51.0 76.4
61 41.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 51.684 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

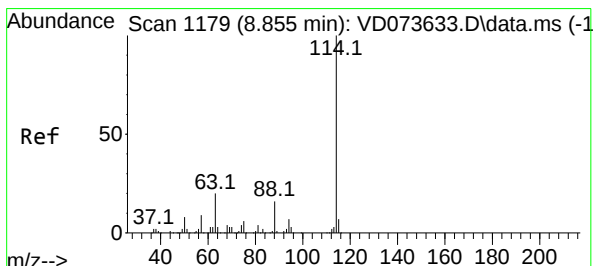
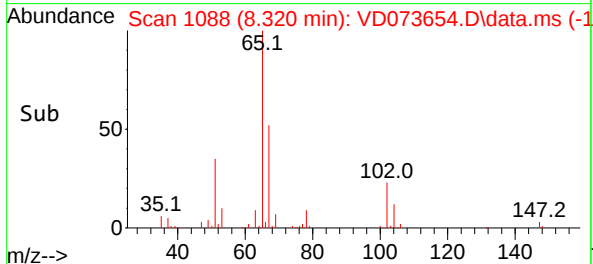
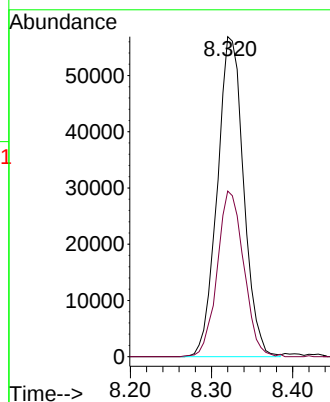
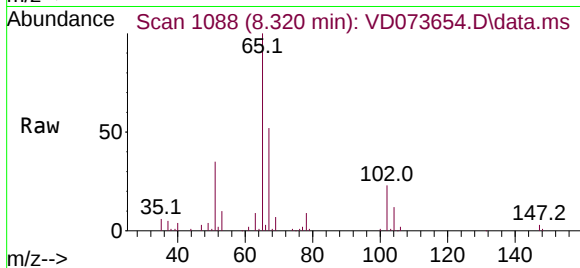
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 65 Resp: 128469

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

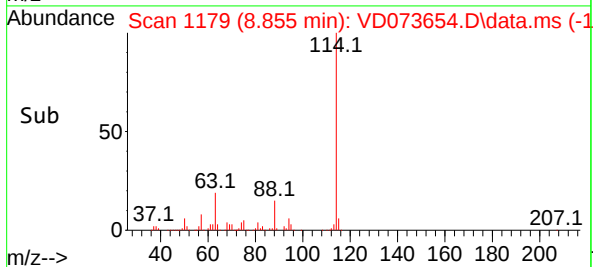
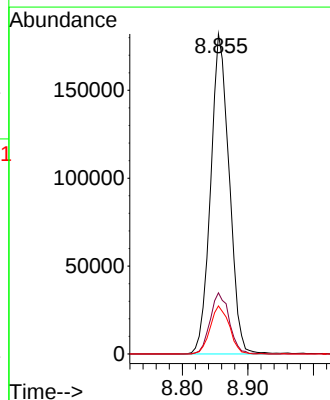
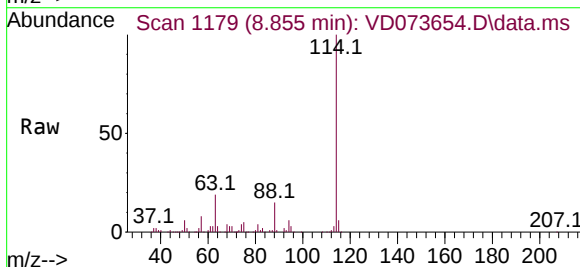
Tgt Ion: 114 Resp: 357816

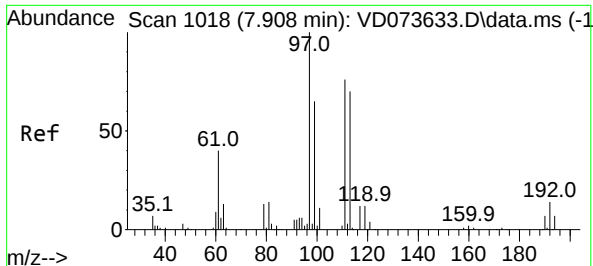
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.4

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.656 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073654.D

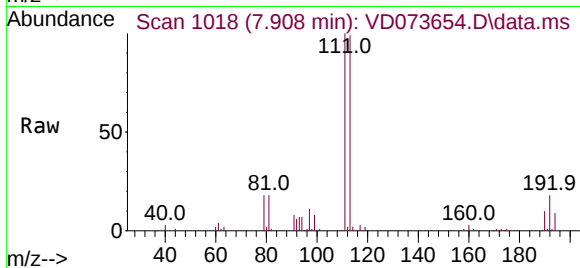
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



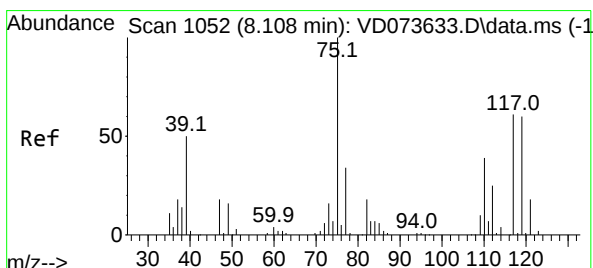
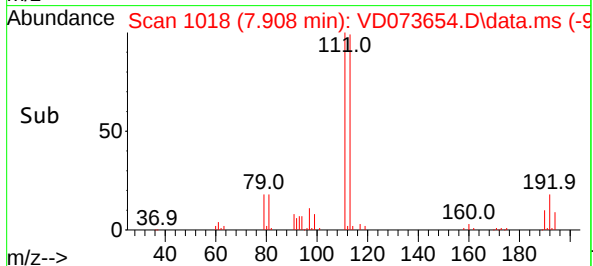
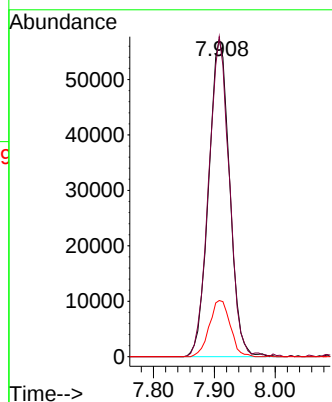
Tgt Ion:113 Resp: 136681

Ion Ratio Lower Upper

113 100

111 99.4 81.1 121.7

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.469 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

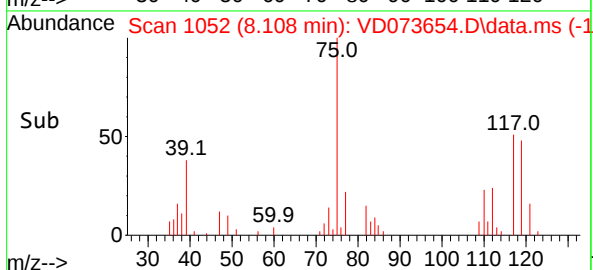
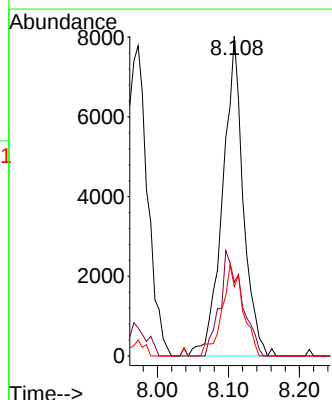
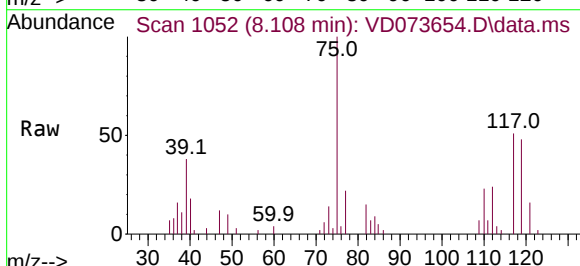
Tgt Ion: 75 Resp: 16248

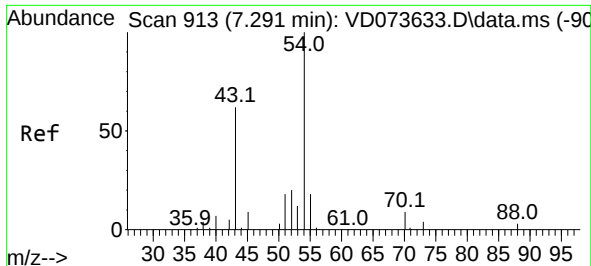
Ion Ratio Lower Upper

75 100

110 34.7 18.4 55.4

77 28.6 25.7 38.5





#37

Ethyl Acetate

Concen: 3.220 ug/l

RT: 7.279 min Scan# 911

Delta R.T. -0.012 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

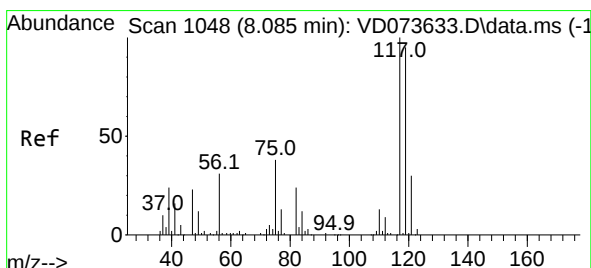
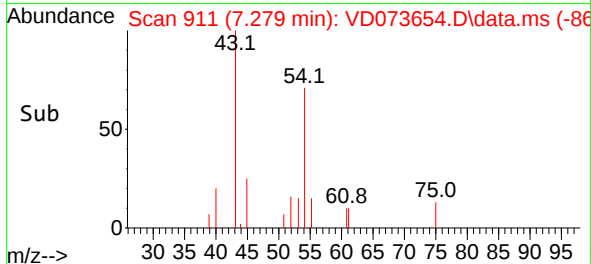
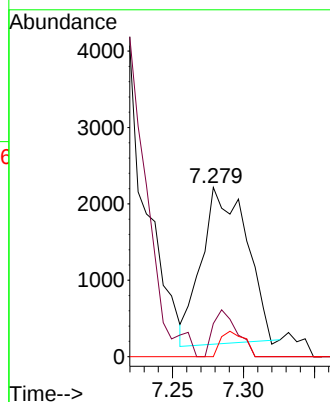
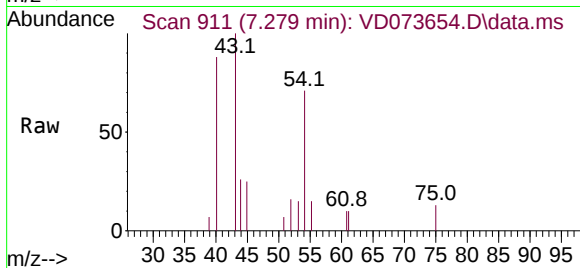
Tgt Ion: 43 Resp: 4505

Ion Ratio Lower Upper

43 100

61 16.0 10.5 15.7#

70 8.6 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 4.242 ug/l

RT: 8.096 min Scan# 1050

Delta R.T. 0.012 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

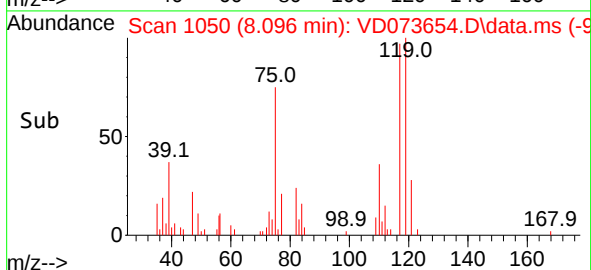
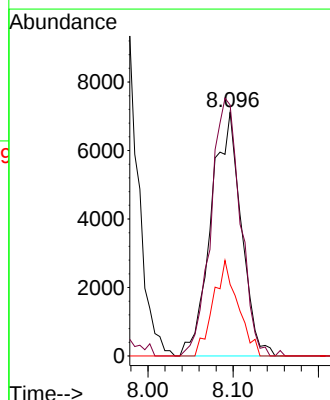
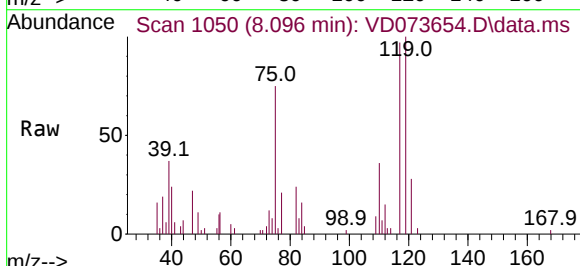
Tgt Ion: 117 Resp: 17517

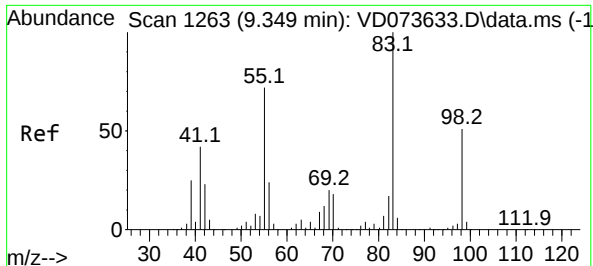
Ion Ratio Lower Upper

117 100

119 103.0 75.6 113.4

121 29.3 24.2 36.4





#39

Methylcyclohexane

Concen: 3.735 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

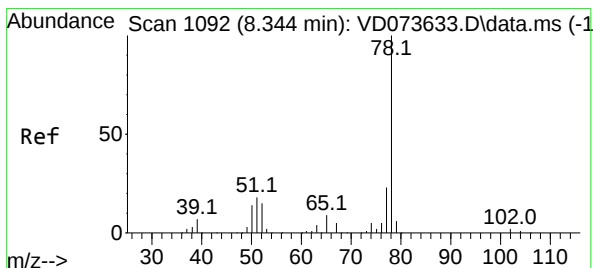
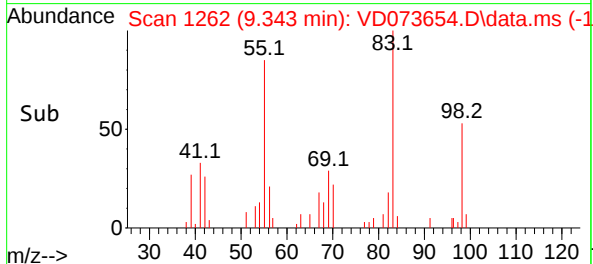
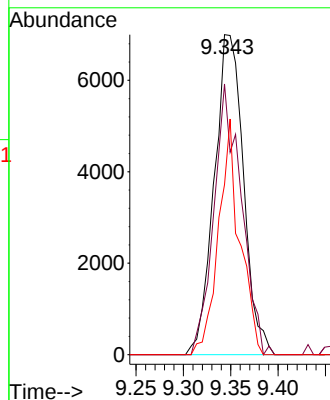
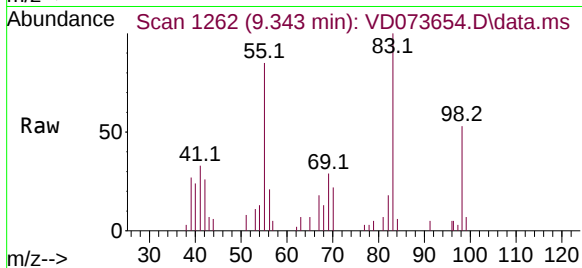
Tgt Ion: 83 Resp: 15046

Ion Ratio Lower Upper

83 100

55 84.6 57.4 86.2

98 53.1 40.6 60.8



#40

Benzene

Concen: 4.134 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073654.D

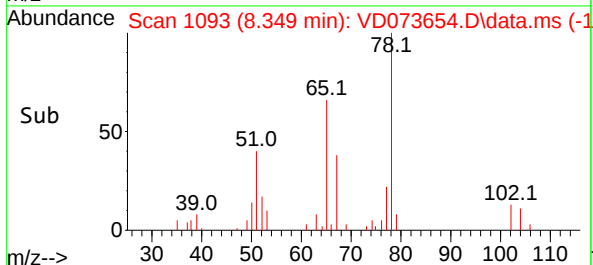
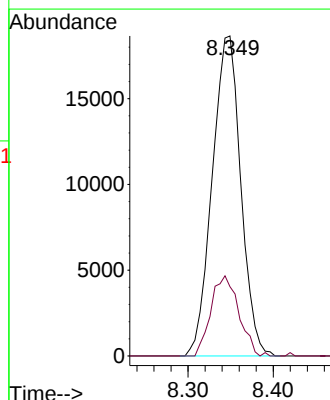
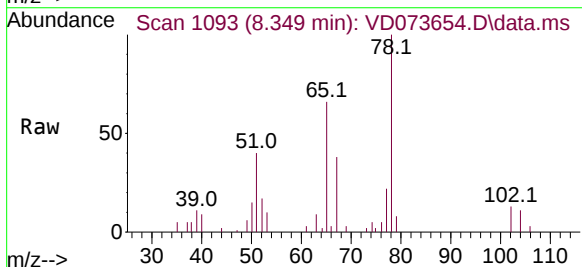
Acq: 22 Jun 2022 14:56

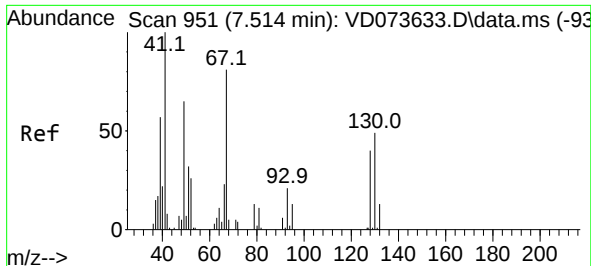
Tgt Ion: 78 Resp: 43476

Ion Ratio Lower Upper

78 100

77 21.6 18.6 27.8

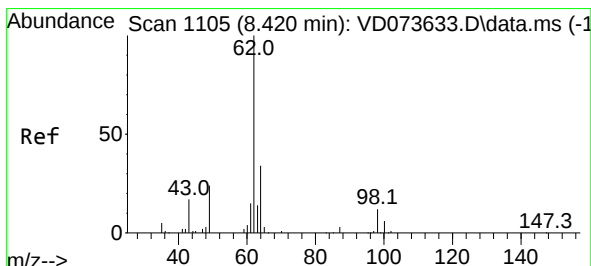
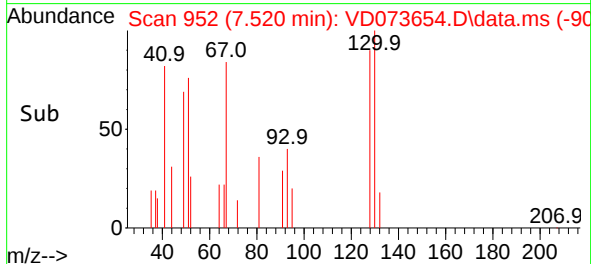
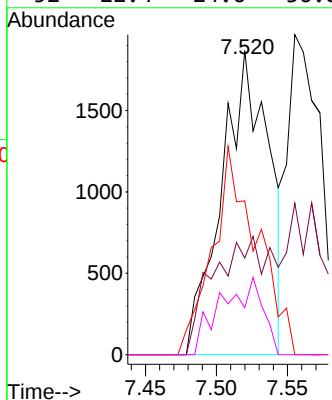
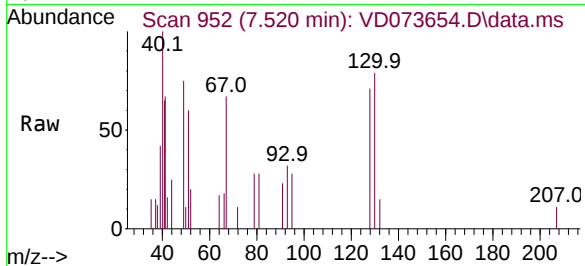




#41
Methacrylonitrile
Concen: 5.555 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

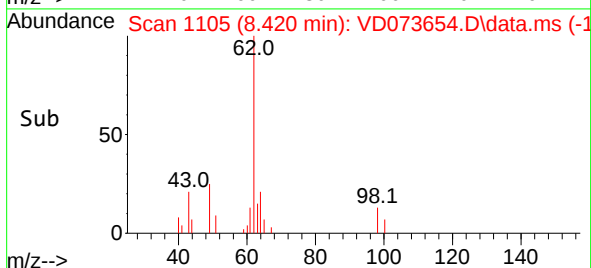
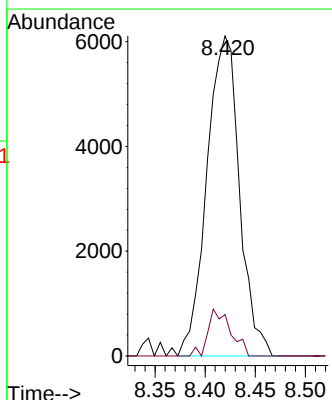
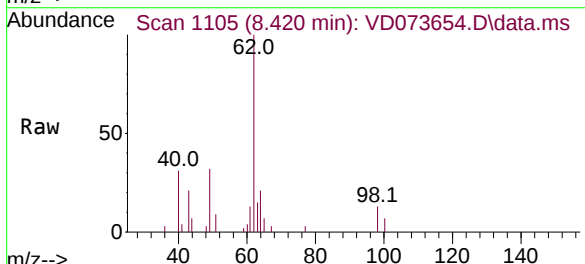
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

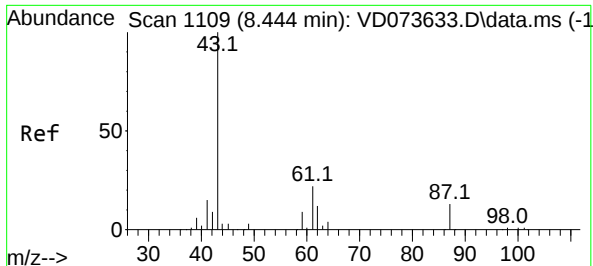
Tgt Ion: 41 Resp: 4302
Ion Ratio Lower Upper
41 100
39 38.9 43.0 64.6#
67 64.7 60.8 91.2
52 22.4 24.6 36.8#



#42
1,2-Dichloroethane
Concen: 4.397 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 62 Resp: 13815
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6

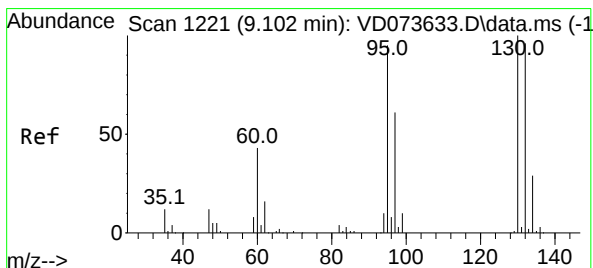
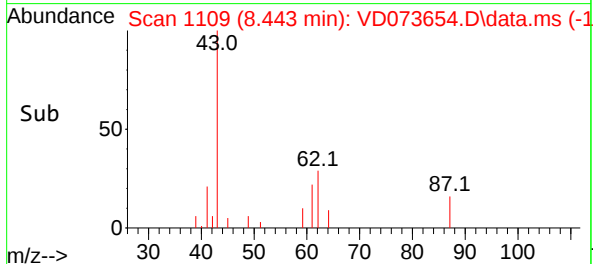
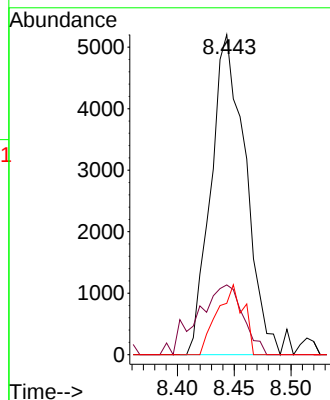
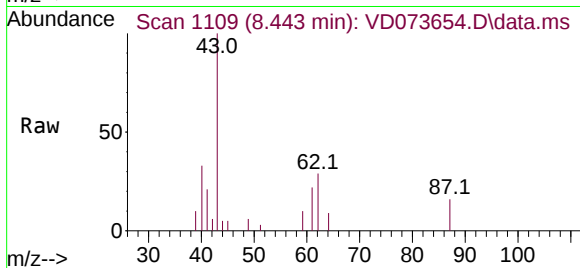




#43
Isopropyl Acetate
Concen: 4.172 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

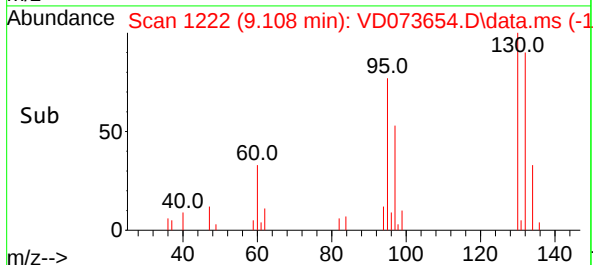
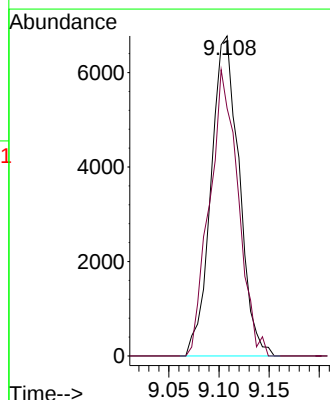
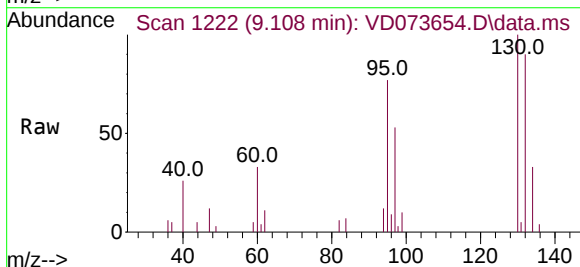
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

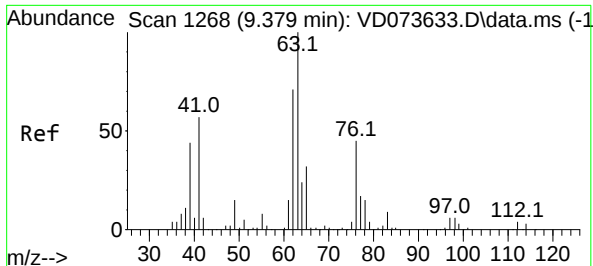
Tgt Ion: 43	Resp: 10986
Ion Ratio	Lower Upper
43	100
61	28.9 27.0 40.6
87	16.7 11.8 17.8



#44
Trichloroethene
Concen: 4.408 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 130	Resp: 13203
Ion Ratio	Lower Upper
130	100
95	77.4 0.0 190.0





#45

1,2-Dichloropropane

Concen: 4.336 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

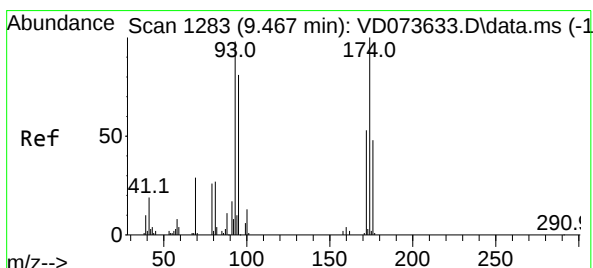
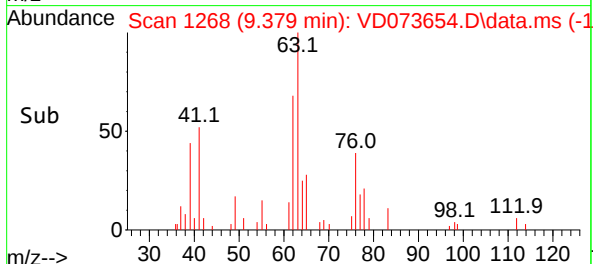
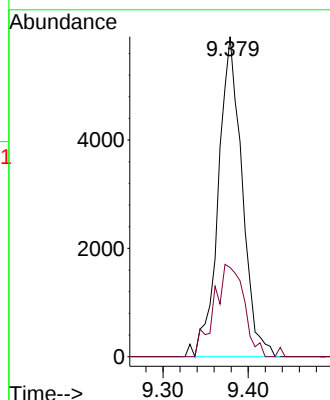
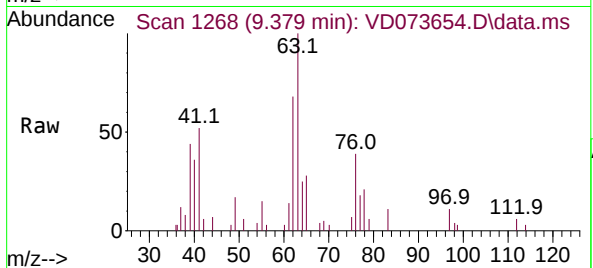
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 63 Resp: 11460

Ion Ratio Lower Upper

63 100

65 27.9 25.3 37.9



#46

Dibromomethane

Concen: 4.112 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

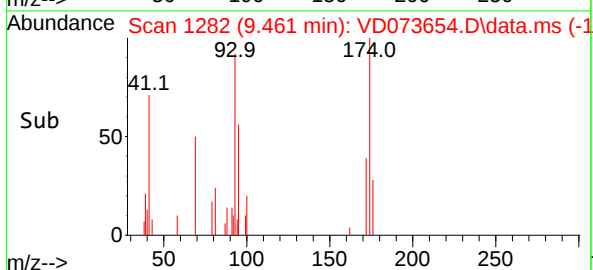
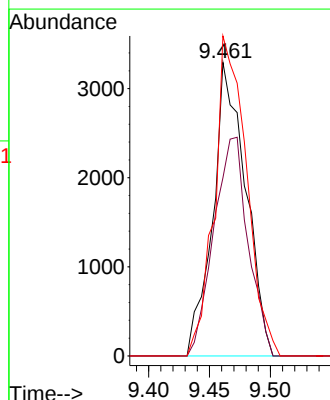
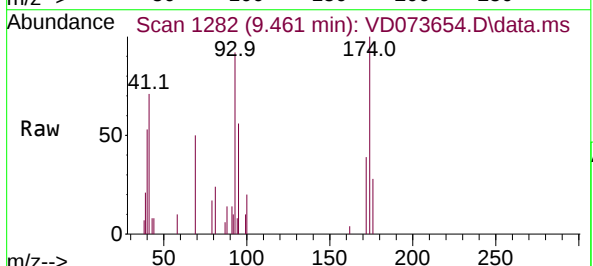
Tgt Ion: 93 Resp: 6171

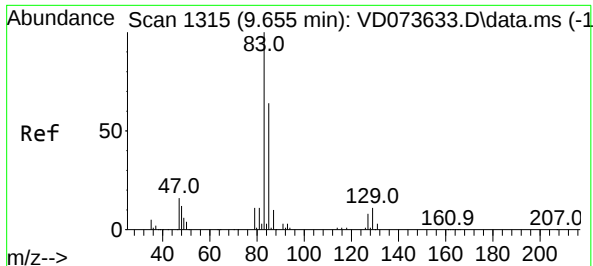
Ion Ratio Lower Upper

93 100

95 78.2 66.3 99.5

174 106.6 81.1 121.7





#47

Bromodichloromethane

Concen: 4.200 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

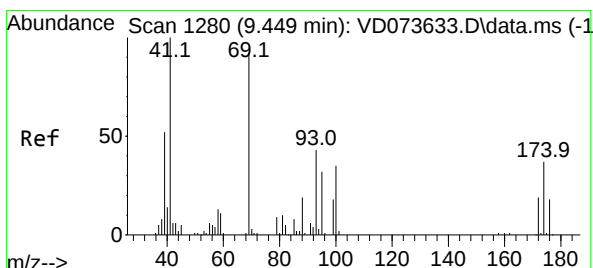
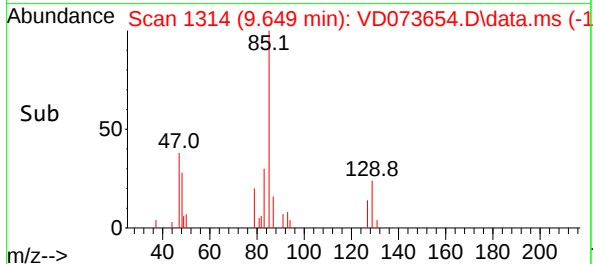
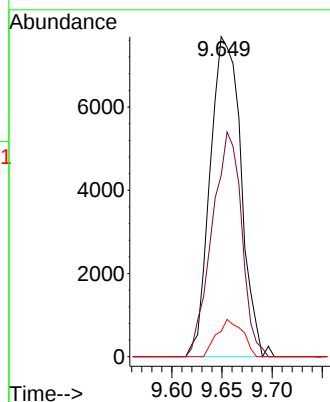
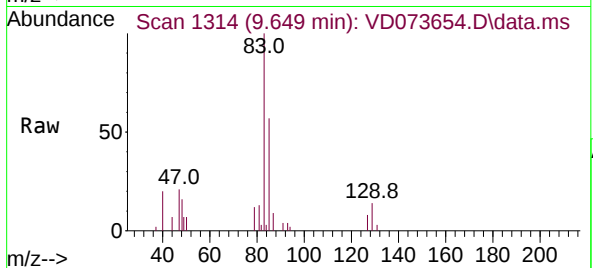
Tgt Ion: 83 Resp: 16404

Ion Ratio Lower Upper

83 100

85 56.6 51.4 77.2

127 7.9 6.4 9.6



#48

Methyl methacrylate

Concen: 4.030 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

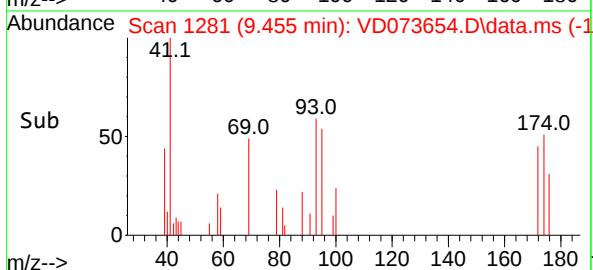
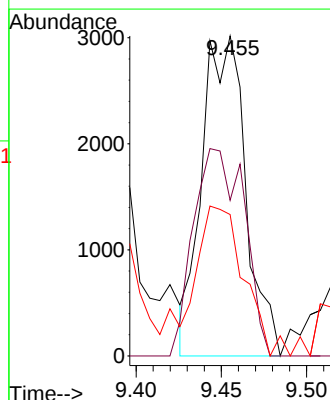
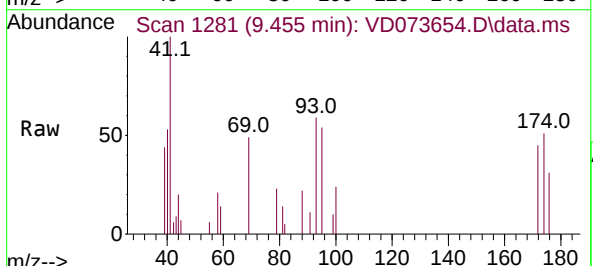
Tgt Ion: 41 Resp: 5372

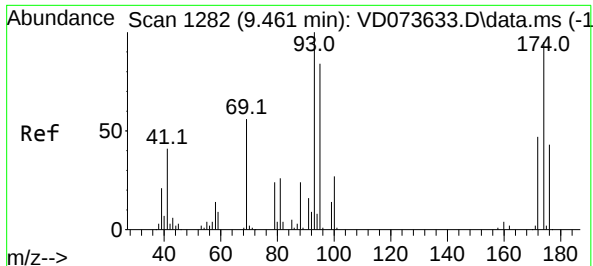
Ion Ratio Lower Upper

41 100

69 75.4 67.6 101.4

39 54.7 45.4 68.0





#49

1,4-Dioxane

Concen: 75.519 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

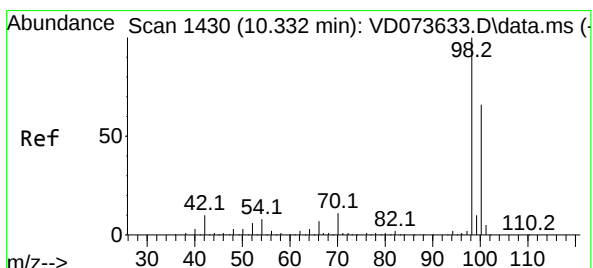
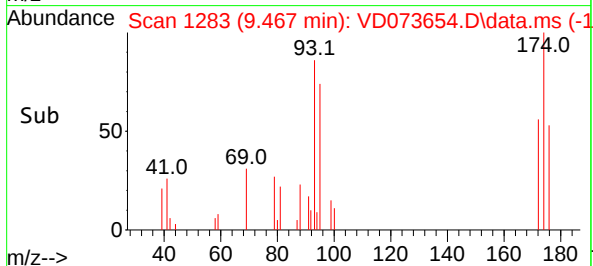
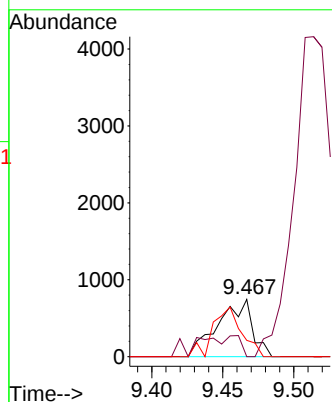
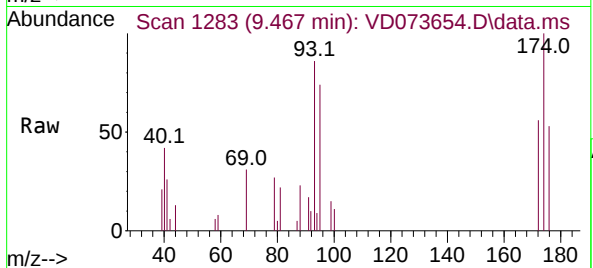
Tgt Ion: 88 Resp: 1256

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.8#

58 72.1 56.9 85.3



#50

Toluene-d8

Concen: 48.865 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073654.D

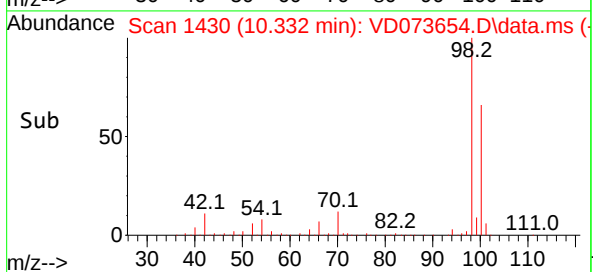
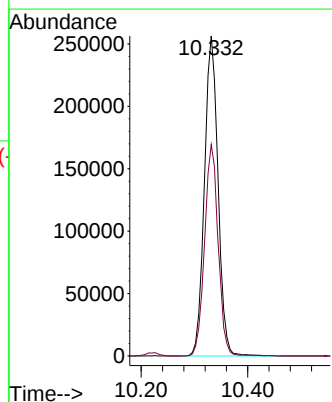
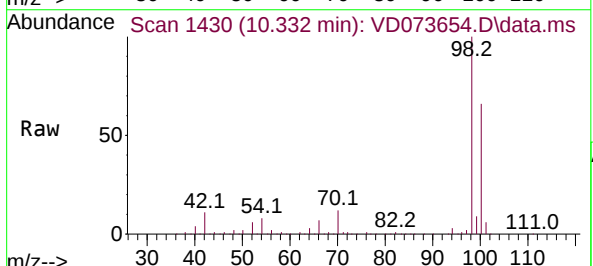
Acq: 22 Jun 2022 14:56

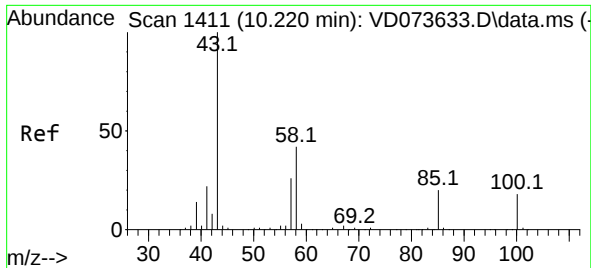
Tgt Ion: 98 Resp: 453990

Ion Ratio Lower Upper

98 100

100 66.0 51.4 77.2

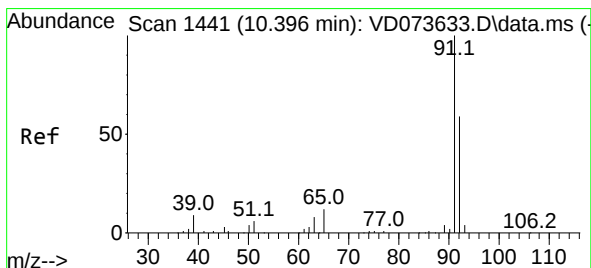
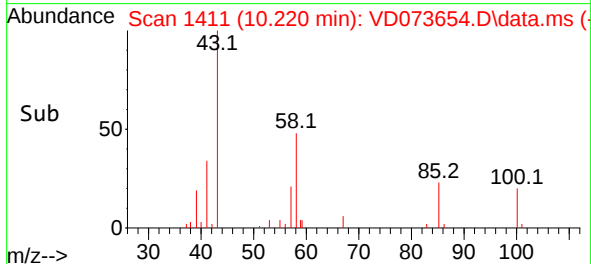
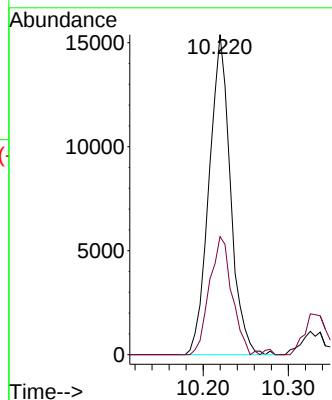
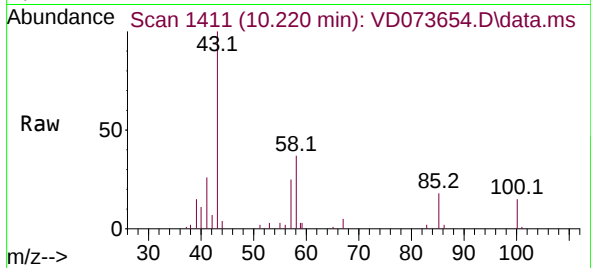




#51
4-Methyl-2-Pentanone
Concen: 19.841 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

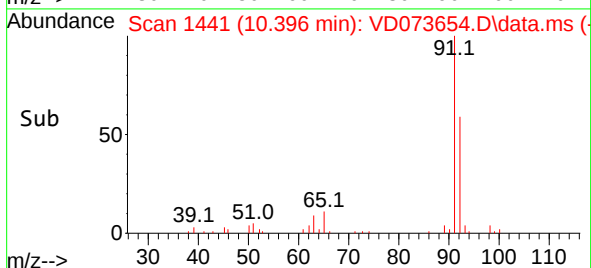
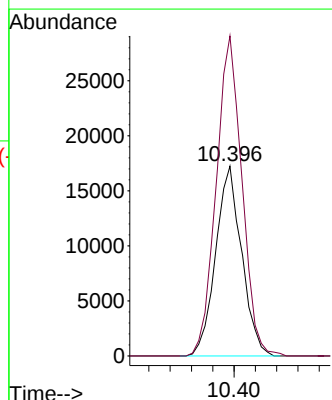
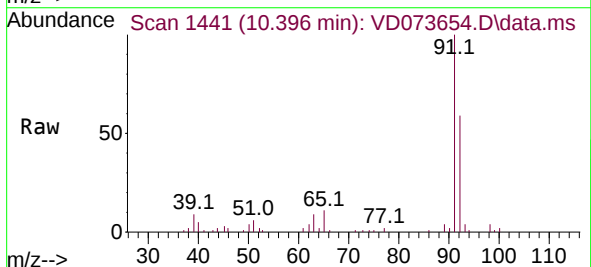
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

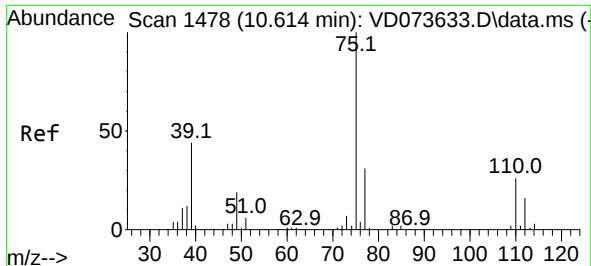
Tgt Ion: 43 Resp: 26827
Ion Ratio Lower Upper
43 100
58 38.8 32.4 48.6



#52
Toluene
Concen: 4.247 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 92 Resp: 29197
Ion Ratio Lower Upper
92 100
91 167.1 136.1 204.1

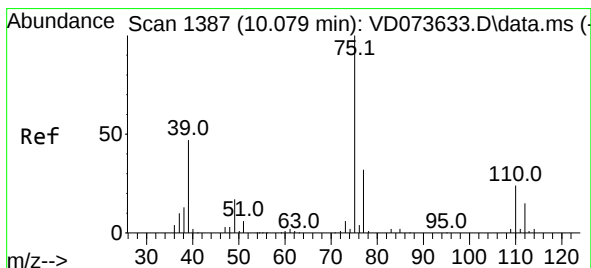
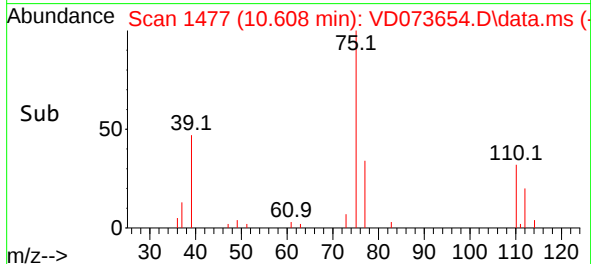
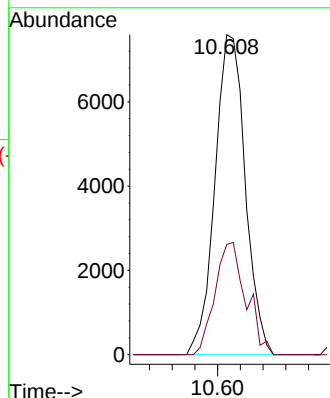
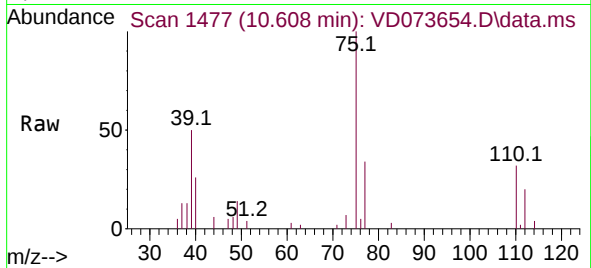




#53
t-1,3-Dichloropropene
Concen: 3.932 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

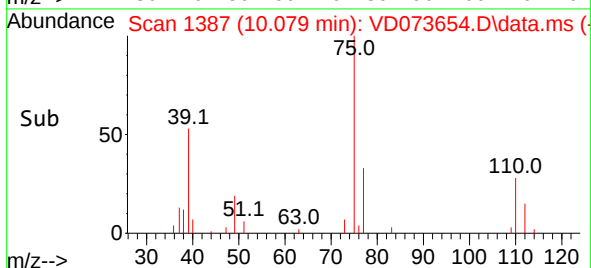
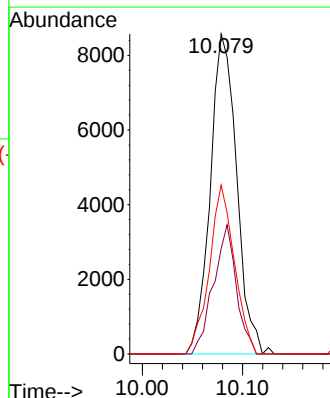
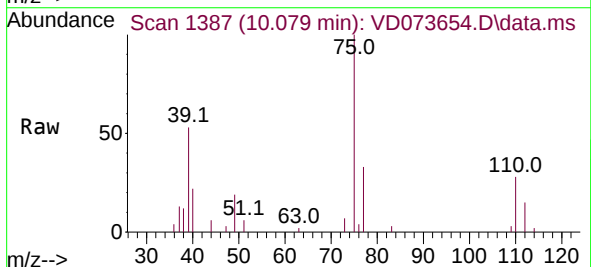
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

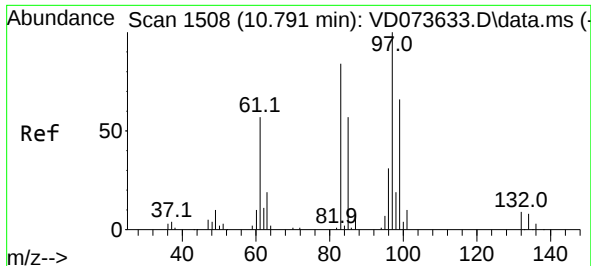
Tgt Ion: 75 Resp: 14064
Ion Ratio Lower Upper
75 100
77 34.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 3.751 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 75 Resp: 15687
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
39 52.7 37.9 56.9

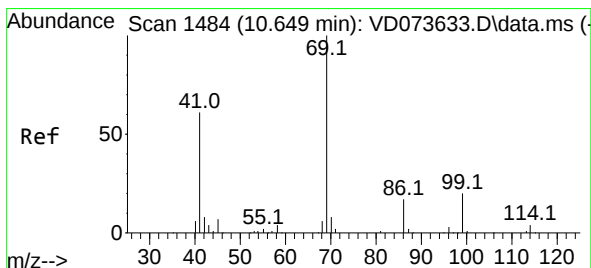
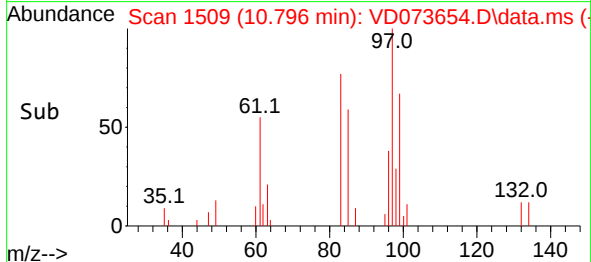
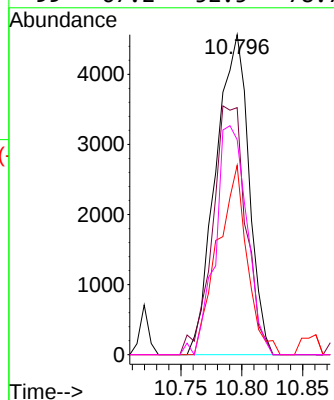
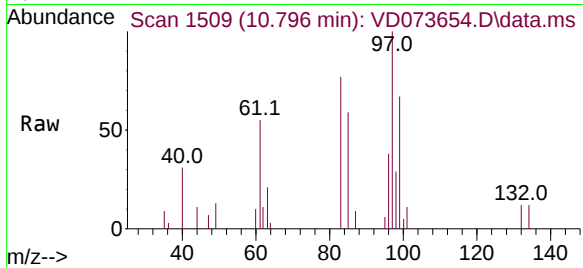




#55
1,1,2-Trichloroethane
Concen: 4.085 ug/l
RT: 10.796 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

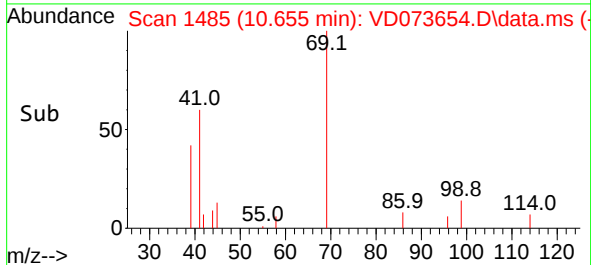
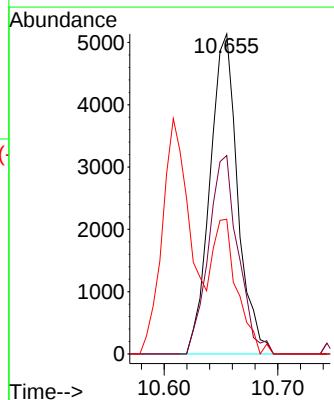
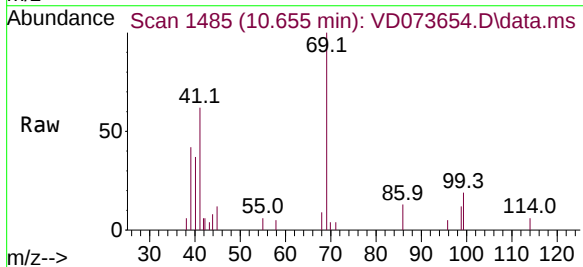
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

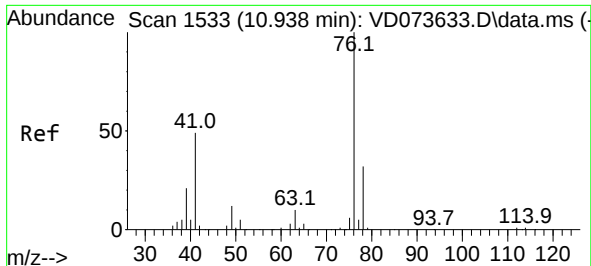
Tgt Ion: 97	Resp: 8657
Ion Ratio	Lower Upper
97 100	
83 77.2	66.8 100.2
85 59.1	45.2 67.8
99 67.2	52.5 78.7



#56
Ethyl methacrylate
Concen: 3.728 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 69	Resp: 8719
Ion Ratio	Lower Upper
69 100	
41 66.3	50.8 76.2
39 36.9	26.2 39.4





#57

1,3-Dichloropropane

Concen: 4.217 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

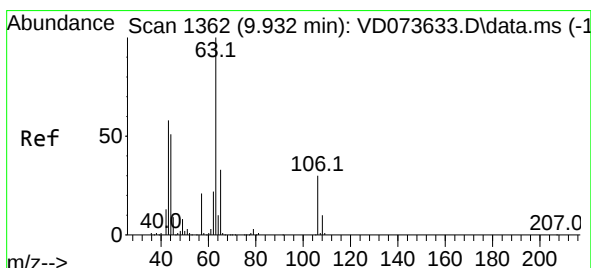
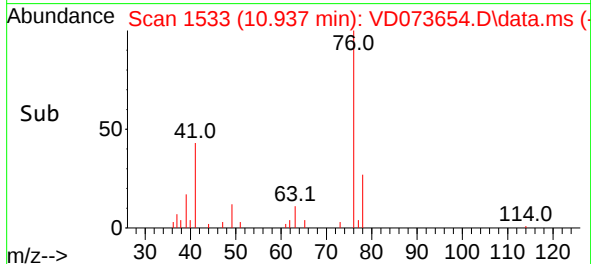
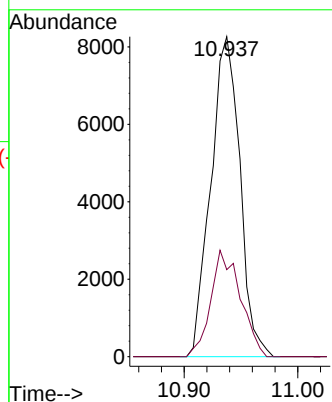
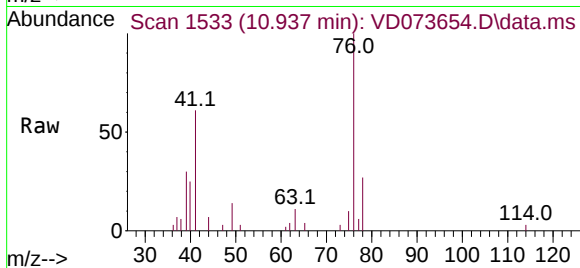
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 76 Resp: 14721

Ion Ratio Lower Upper

76 100

78 33.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 21.234 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073654.D

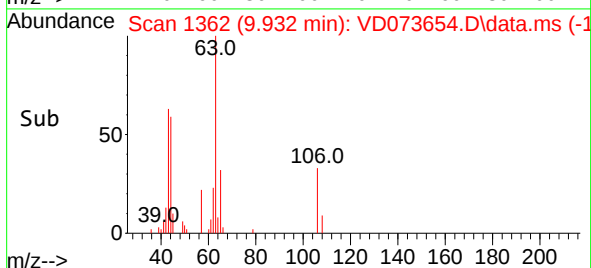
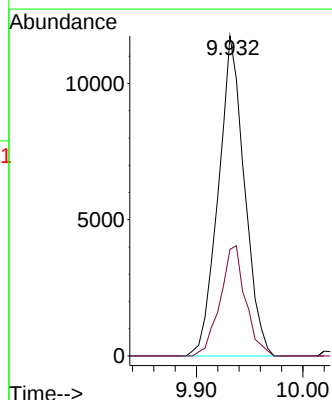
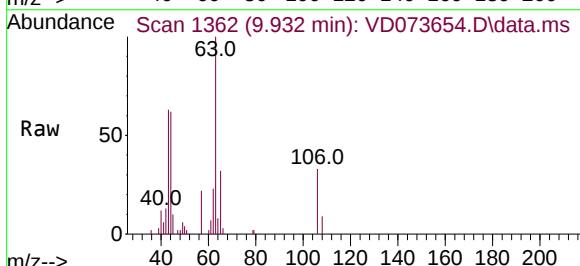
Acq: 22 Jun 2022 14:56

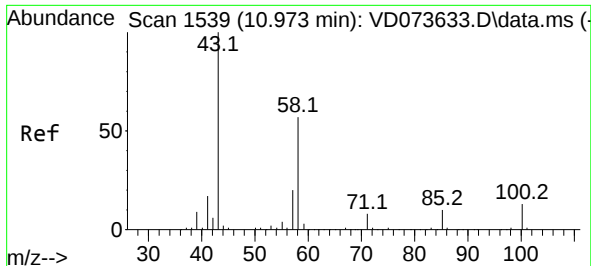
Tgt Ion: 63 Resp: 19972

Ion Ratio Lower Upper

63 100

106 33.4 23.7 35.5

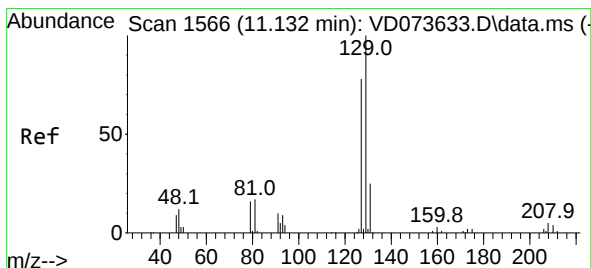
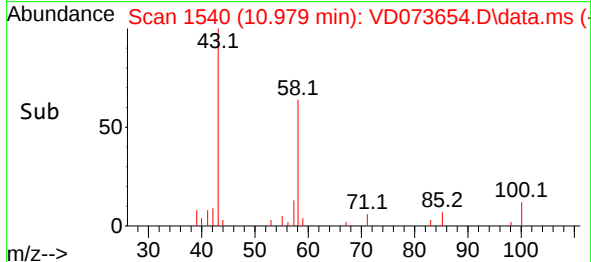
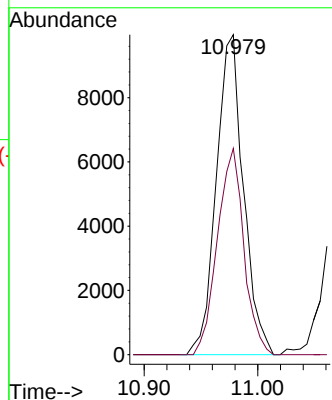
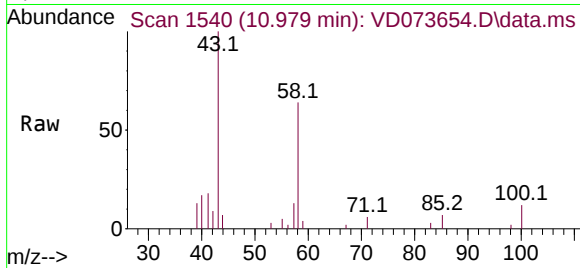




#59
2-Hexanone
Concen: 17.723 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

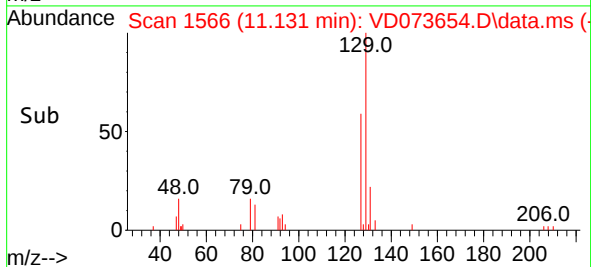
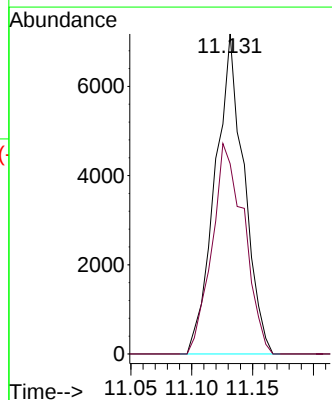
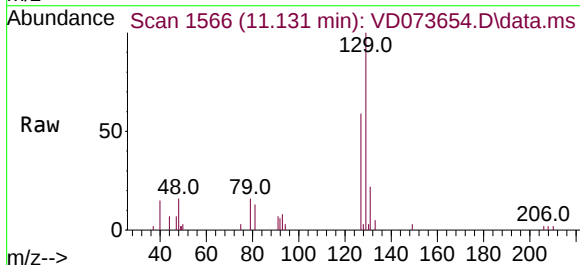
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

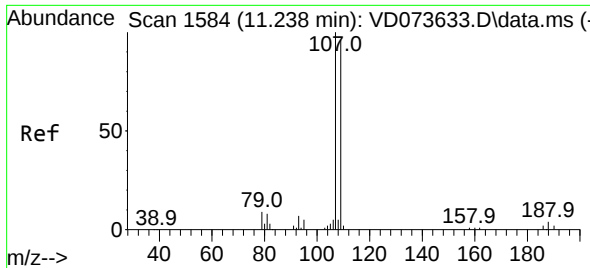
Tgt Ion: 43 Resp: 16525
Ion Ratio Lower Upper
43 100
58 62.9 28.1 84.2



#60
Dibromochloromethane
Concen: 4.291 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 129 Resp: 11856
Ion Ratio Lower Upper
129 100
127 73.0 39.4 118.2

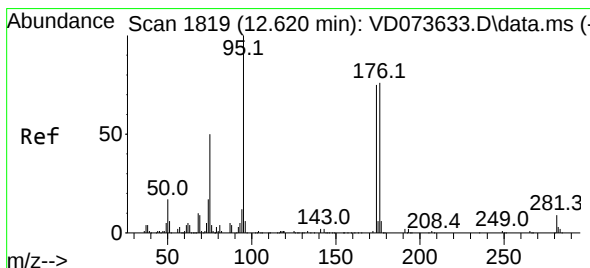
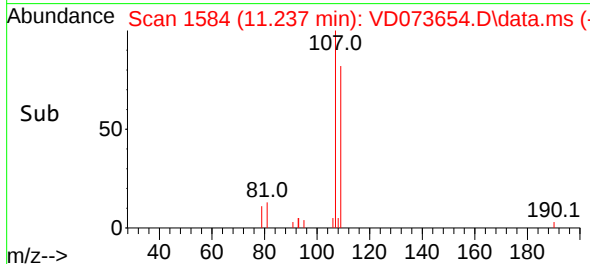
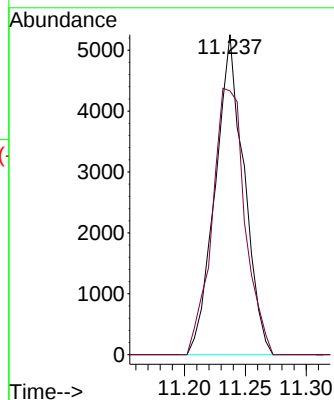
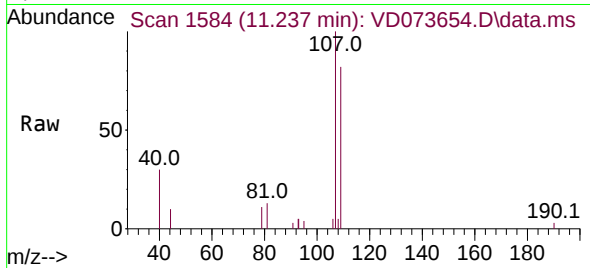




#61
1,2-Dibromoethane
Concen: 4.254 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

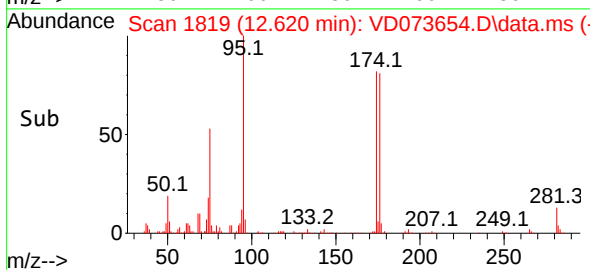
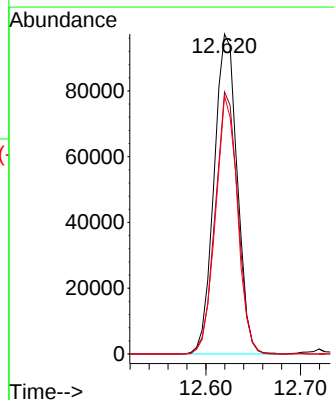
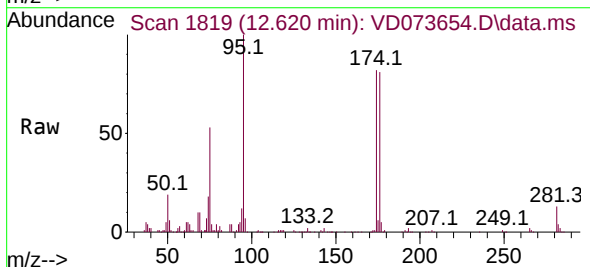
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

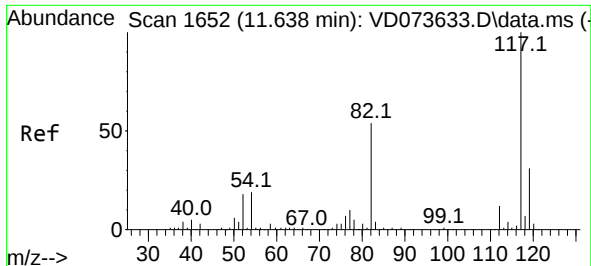
Tgt Ion:107 Resp: 8638
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.524 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 95 Resp: 165328
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.4
176 76.7 0.0 151.8

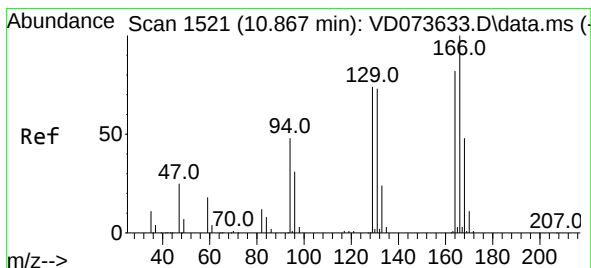
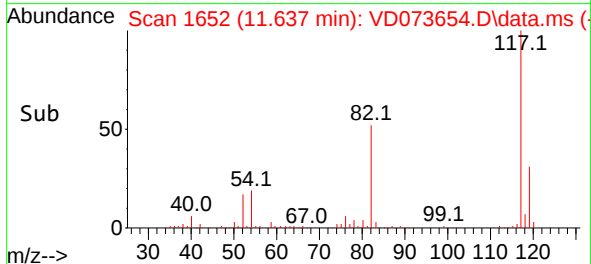
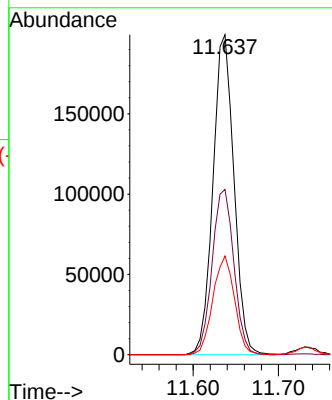
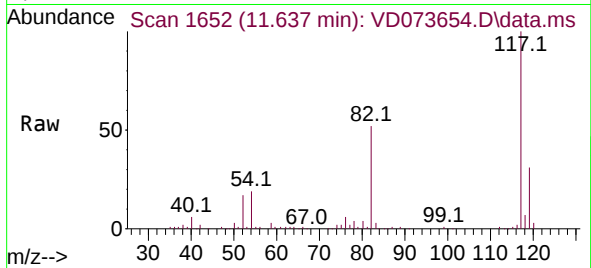




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

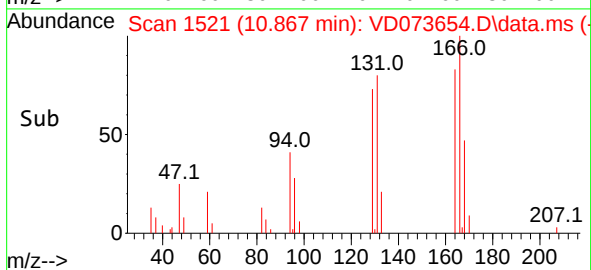
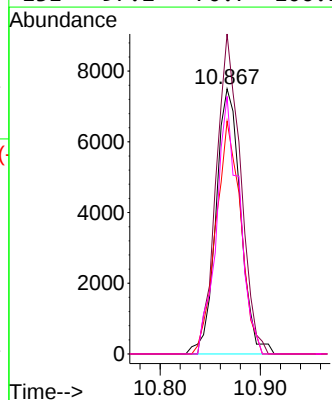
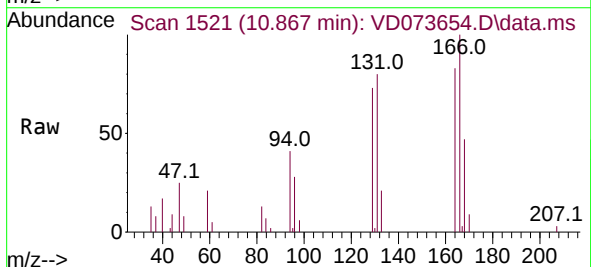
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

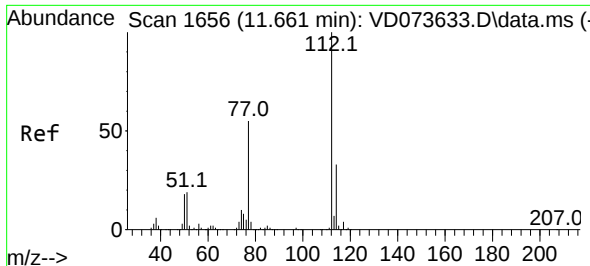
Tgt Ion:117 Resp: 340586
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.8 24.5 36.7



#64
Tetrachloroethene
Concen: 5.065 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:164 Resp: 12771
Ion Ratio Lower Upper
164 100
166 120.7 97.1 145.7
129 87.8 72.1 108.1
131 97.2 70.7 106.1

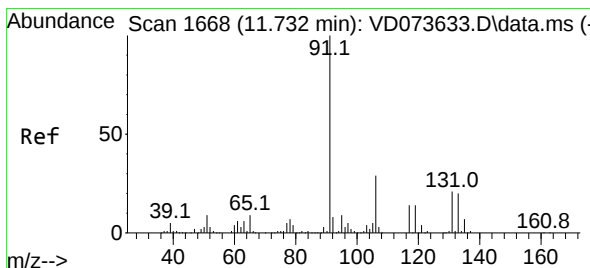
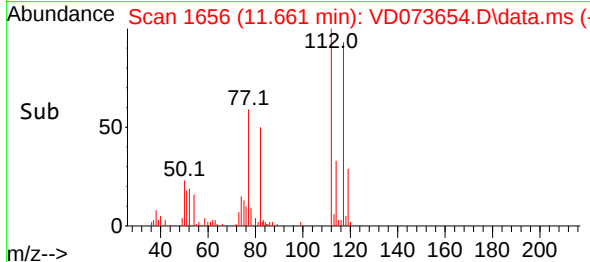
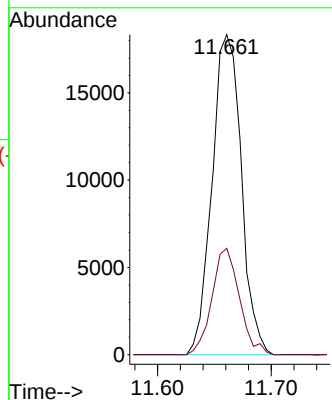
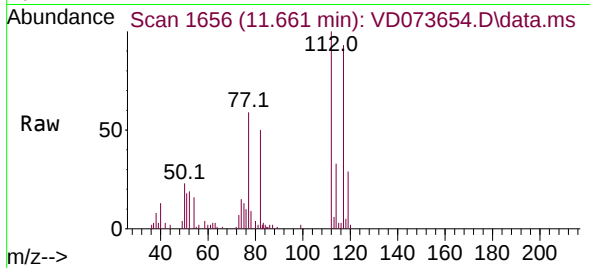




#65
Chlorobenzene
Concen: 4.315 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

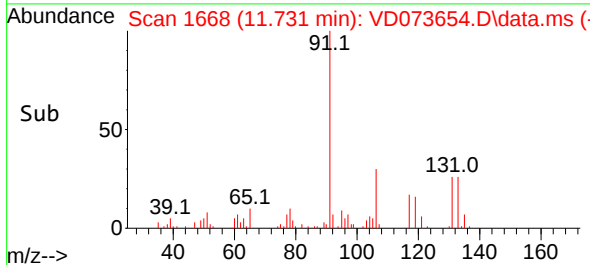
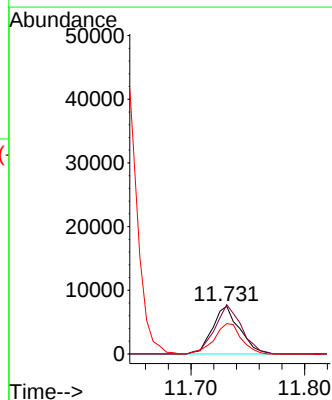
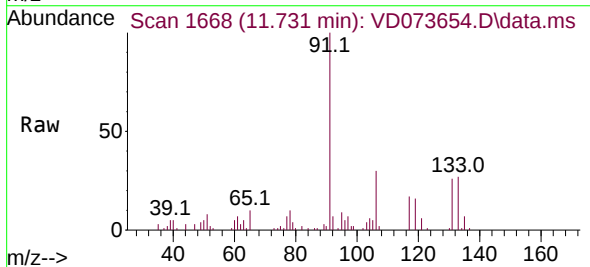
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

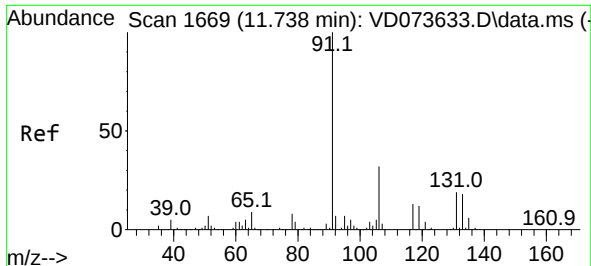
Tgt Ion:112 Resp: 32819
Ion Ratio Lower Upper
112 100
114 33.3 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.182 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:131 Resp: 12326
Ion Ratio Lower Upper
131 100
133 102.8 47.1 141.3
119 63.9 32.6 97.7





#67

Ethyl Benzene

Concen: 3.940 ug/l

RT: 11.737 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

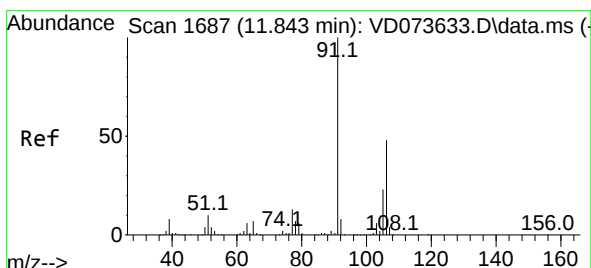
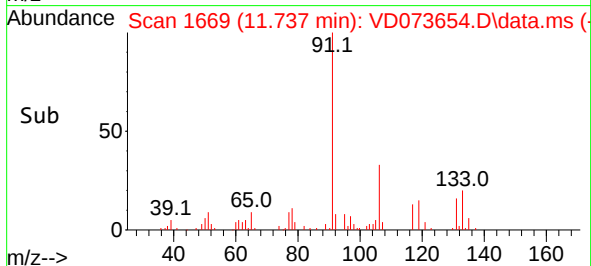
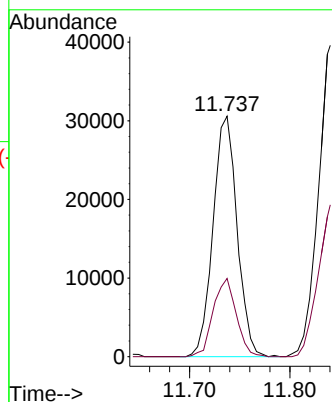
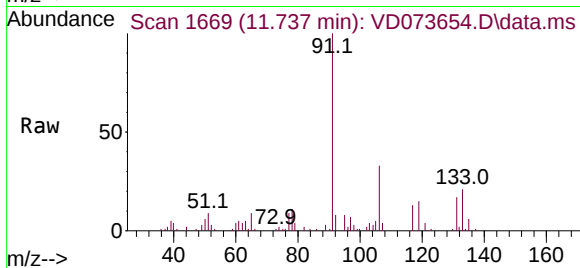
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 91 Resp: 50942

Ion Ratio Lower Upper

91 100

106 32.5 25.8 38.6



#68

m/p-Xylenes

Concen: 7.772 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073654.D

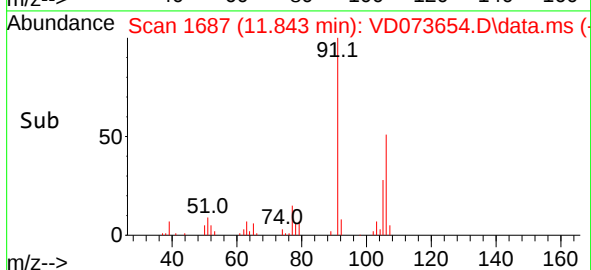
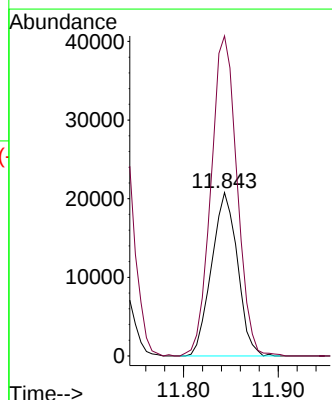
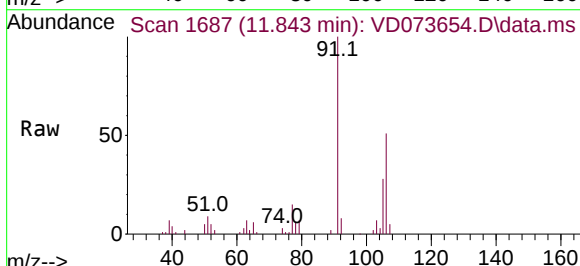
Acq: 22 Jun 2022 14:56

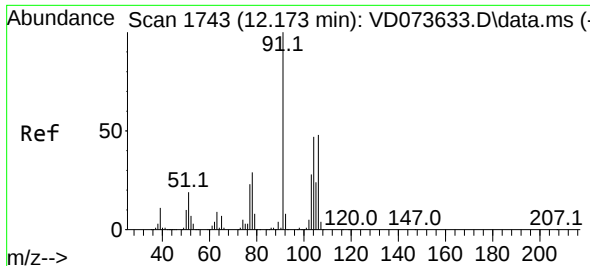
Tgt Ion:106 Resp: 39575

Ion Ratio Lower Upper

106 100

91 196.8 162.7 244.1

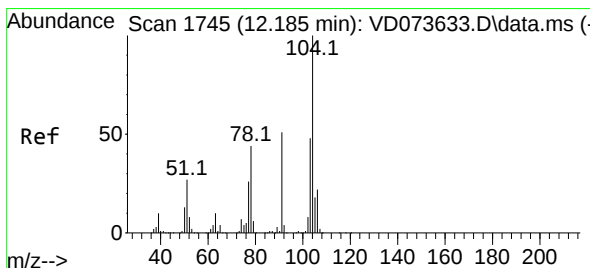
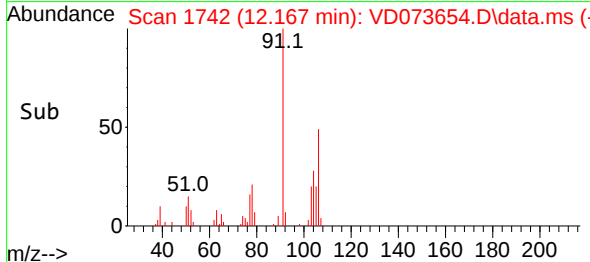
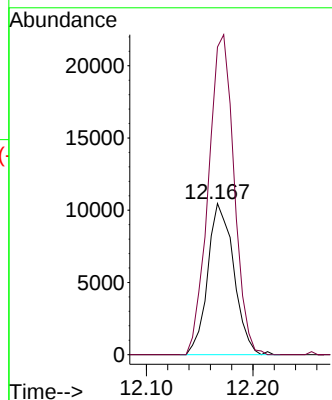
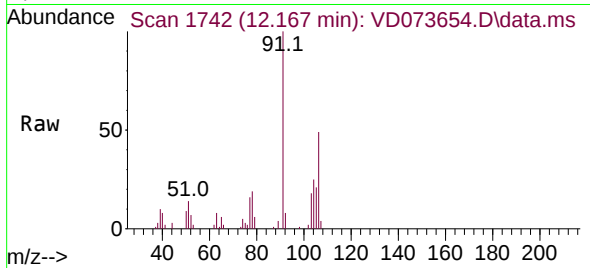




#69
o-Xylene
Concen: 3.746 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

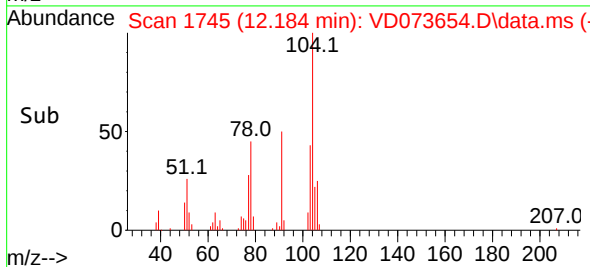
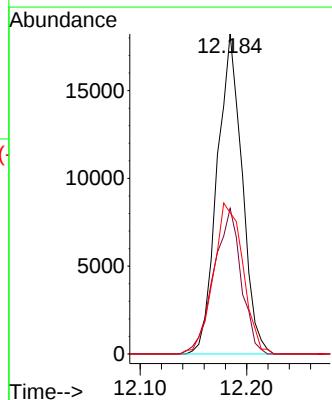
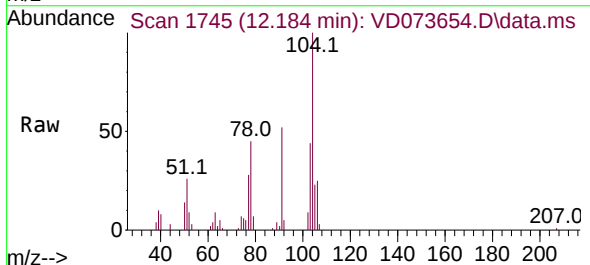
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

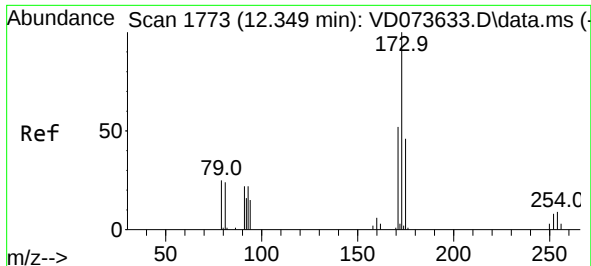
Tgt Ion:106 Resp: 17778
Ion Ratio Lower Upper
106 100
91 208.7 107.1 321.3



#70
Styrene
Concen: 3.637 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:104 Resp: 29599
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 56.0 42.8 64.2

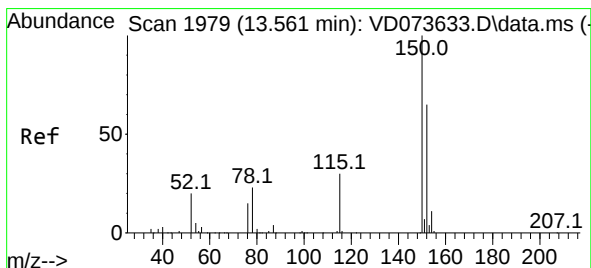
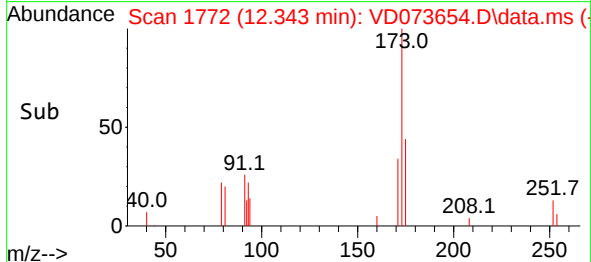
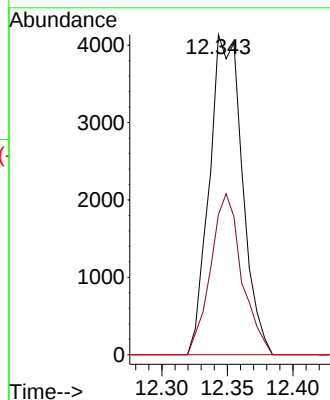
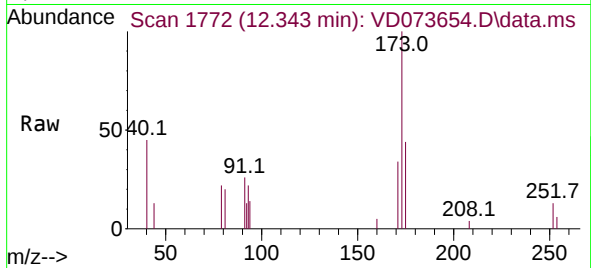




#71
Bromoform
Concen: 4.490 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

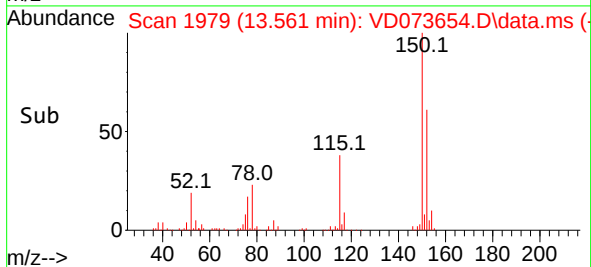
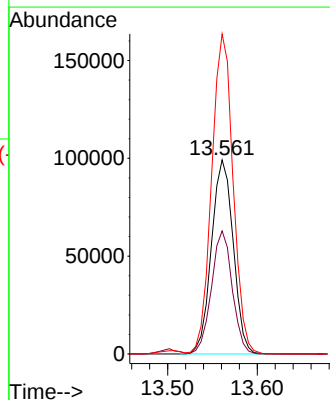
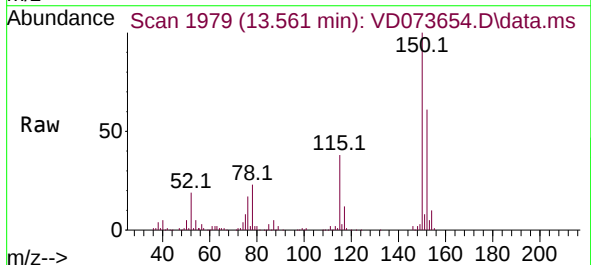
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

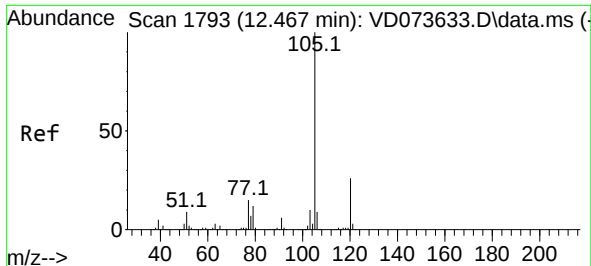
Tgt Ion:173 Resp: 7205
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:152 Resp: 167045
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.9
150 162.0 0.0 351.2

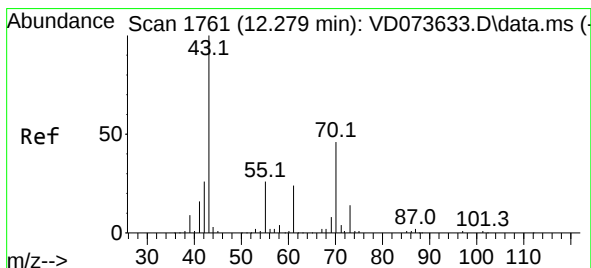
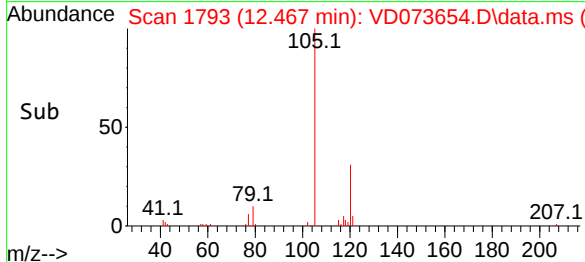
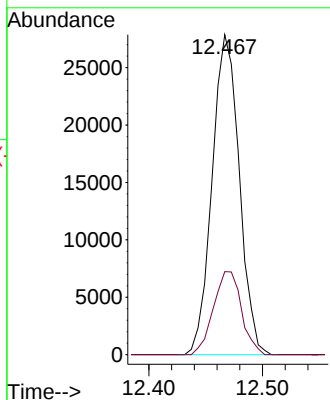
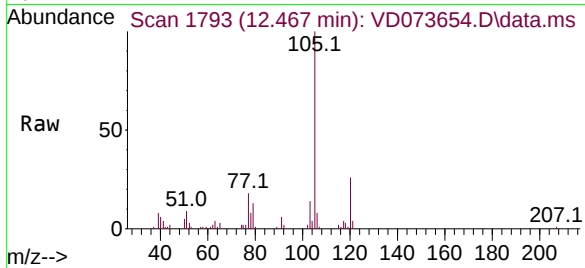




#73
Isopropylbenzene
Concen: 3.840 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

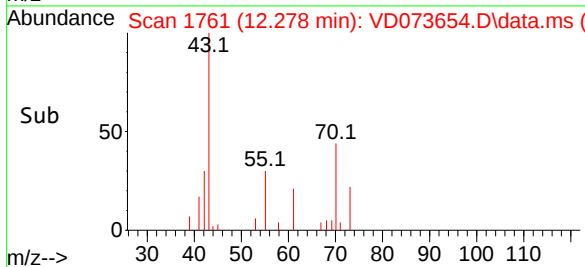
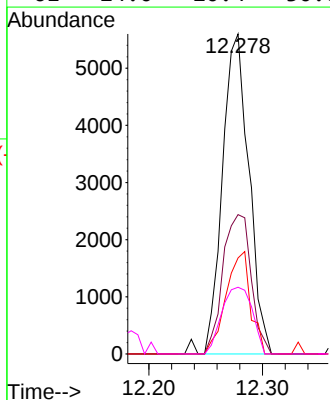
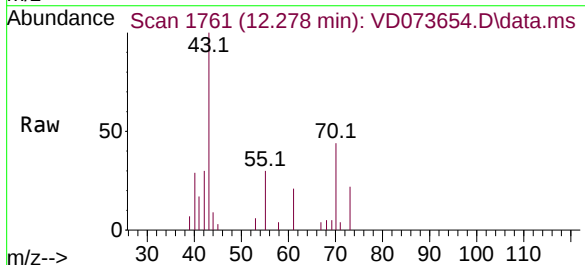
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

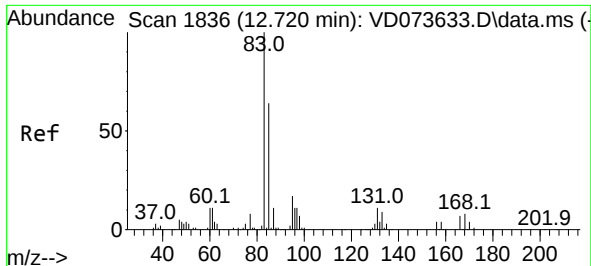
Tgt Ion:105 Resp: 46283
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 3.737 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 43 Resp: 9104
Ion Ratio Lower Upper
43 100
70 46.3 35.8 53.8
55 29.4 21.1 31.7
61 24.0 20.4 30.6

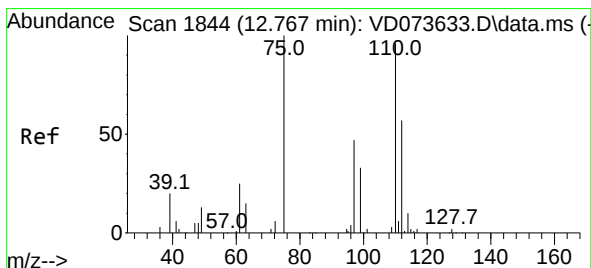
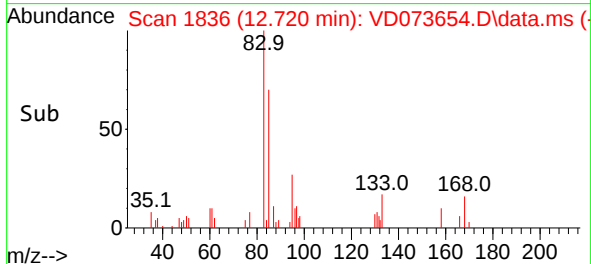
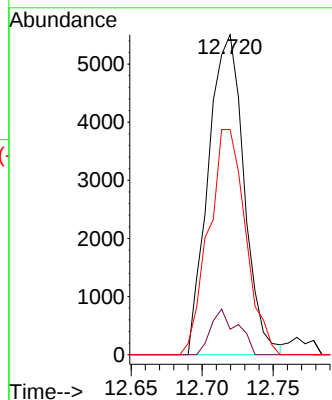
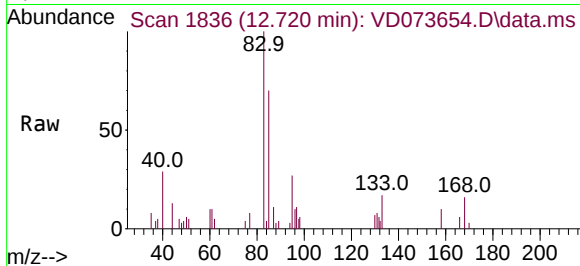




#75
1,1,2,2-Tetrachloroethane
Concen: 4.253 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

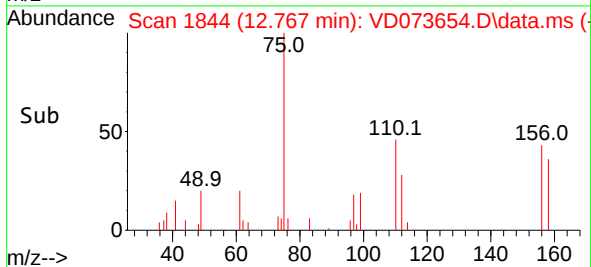
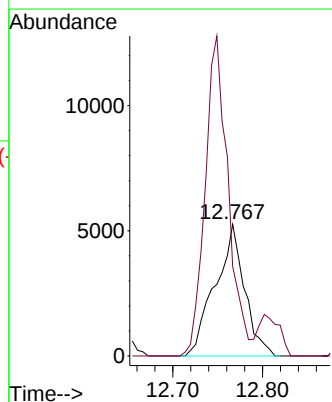
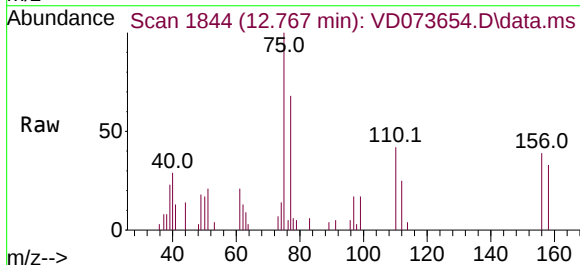
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

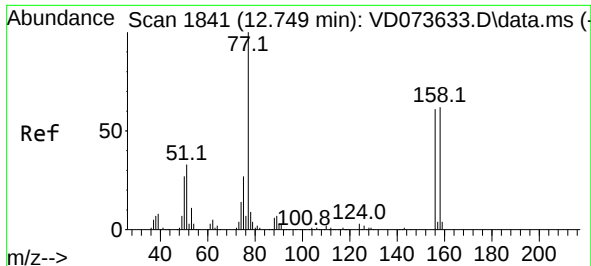
Tgt Ion: 83 Resp: 9640
Ion Ratio Lower Upper
83 100
131 10.5 5.5 16.7
85 72.6 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 7.377 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 75 Resp: 11926
Ion Ratio Lower Upper
75 100
77 190.0 208.9 626.7#

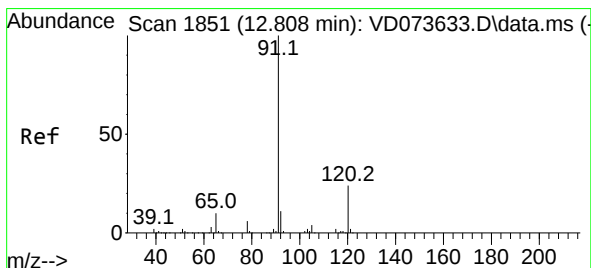
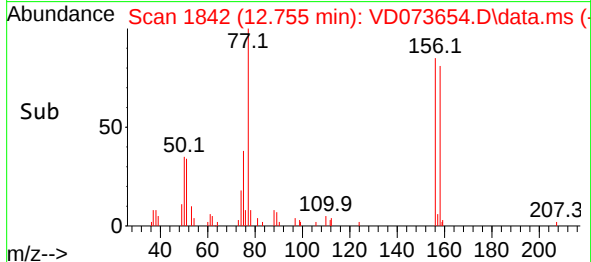
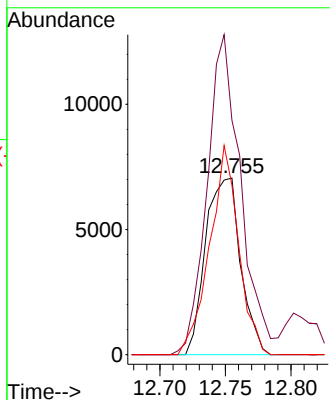
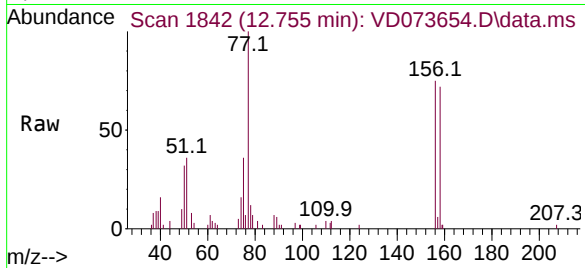




#77
Bromobenzene
Concen: 4.464 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

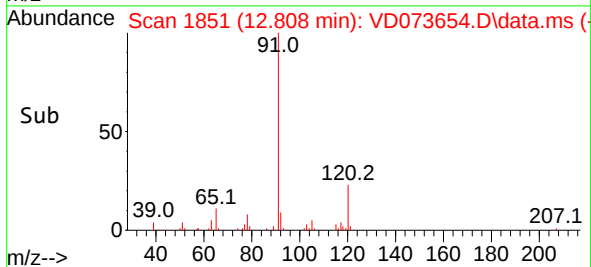
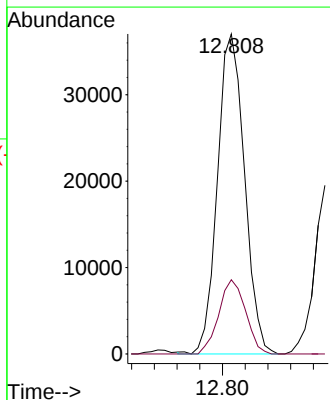
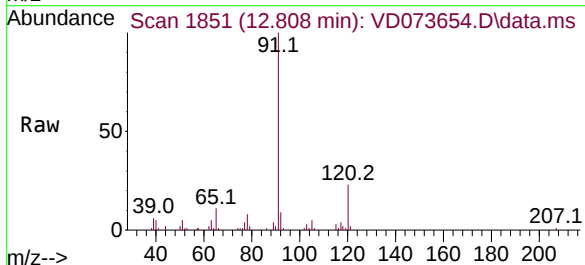
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

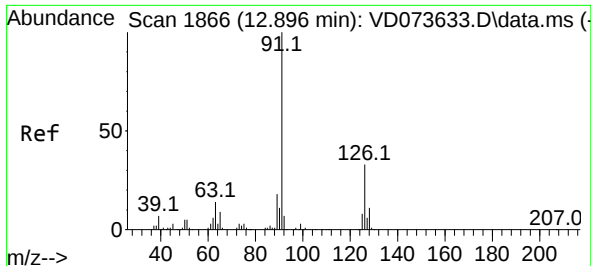
Tgt Ion:156 Resp: 13095
Ion Ratio Lower Upper
156 100
77 173.1 91.5 274.4
158 97.7 48.8 146.3



#78
n-propylbenzene
Concen: 4.147 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 91 Resp: 61222
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

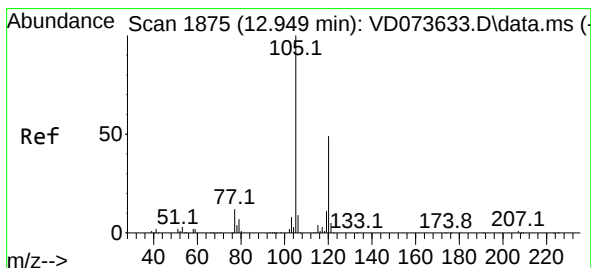
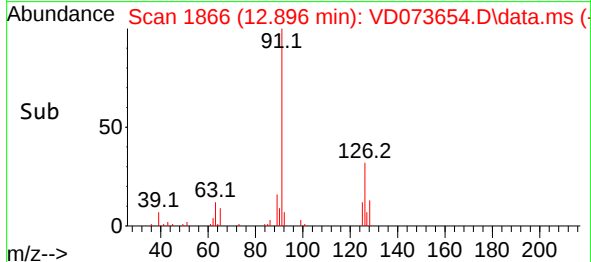
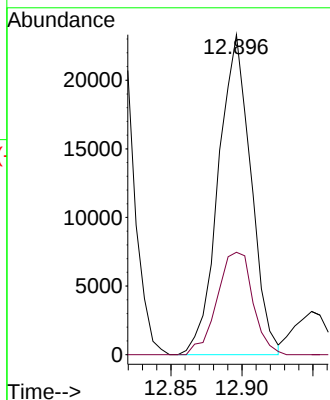
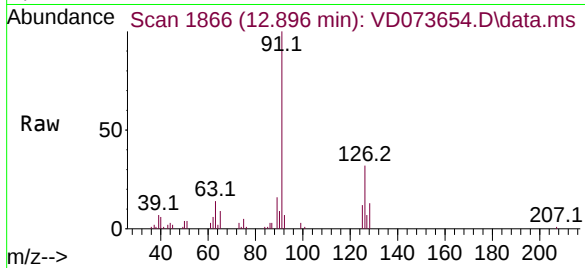




#79
2-Chlorotoluene
Concen: 4.297 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

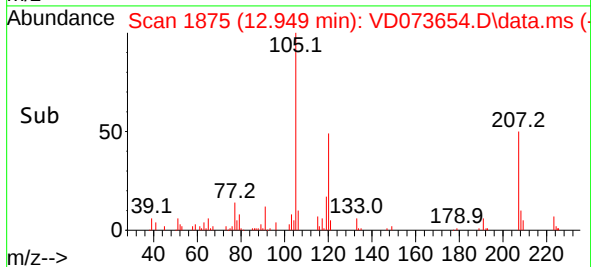
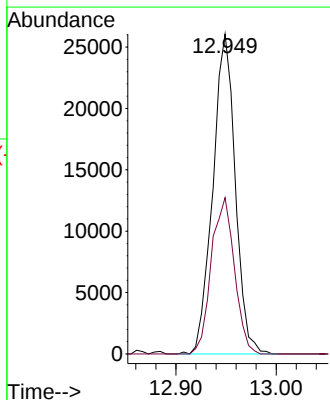
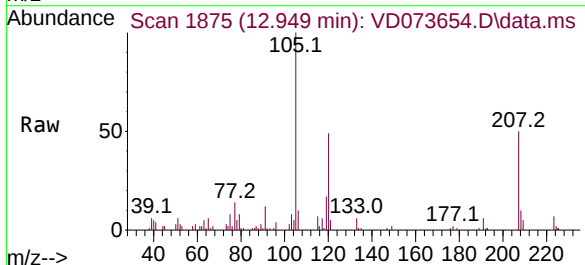
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

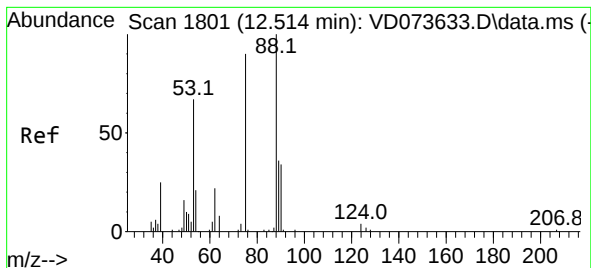
Tgt Ion: 91 Resp: 37205
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 3.935 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 105 Resp: 40505
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.2

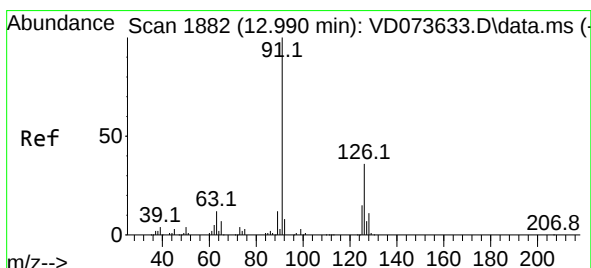
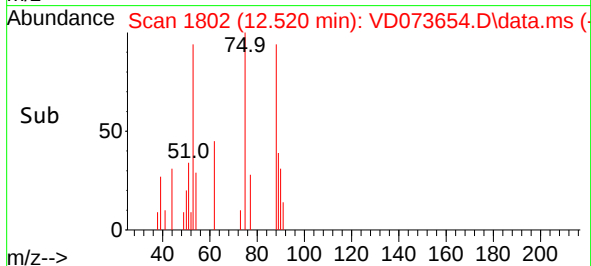
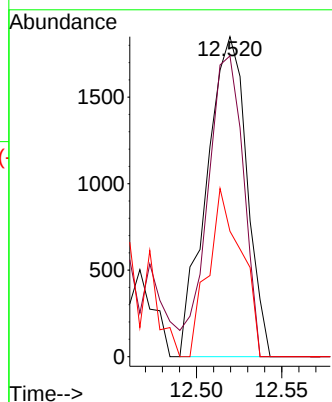
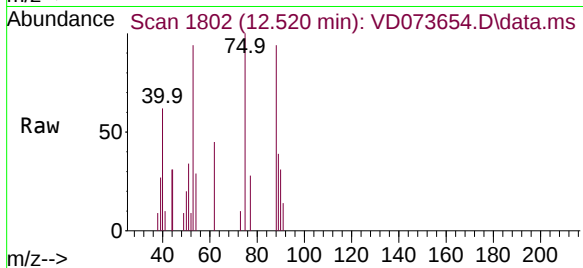




#81
trans-1,4-Dichloro-2-butene
Concen: 4.328 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

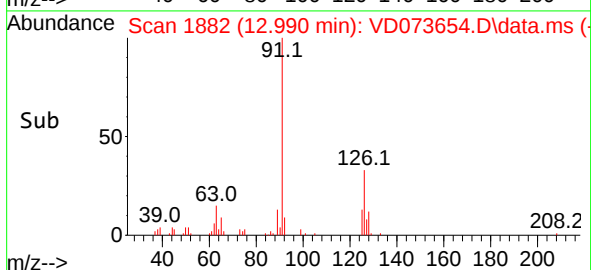
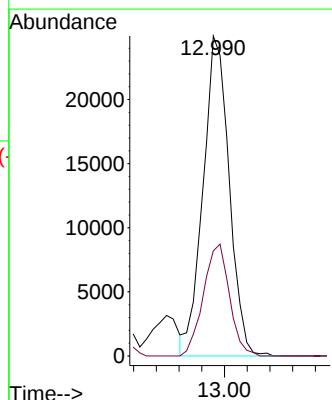
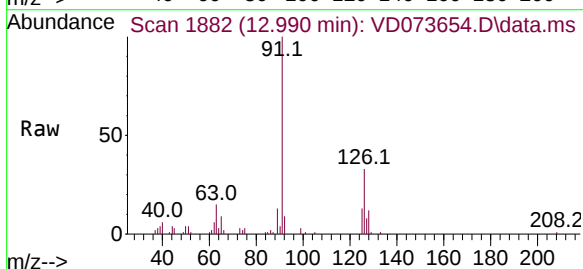
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

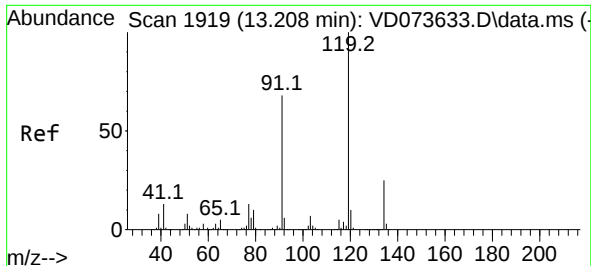
Tgt Ion: 75 Resp: 3032
Ion Ratio Lower Upper
75 100
53 82.9 70.5 105.7
89 43.4 35.8 53.8



#82
4-Chlorotoluene
Concen: 4.299 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 91 Resp: 39737
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

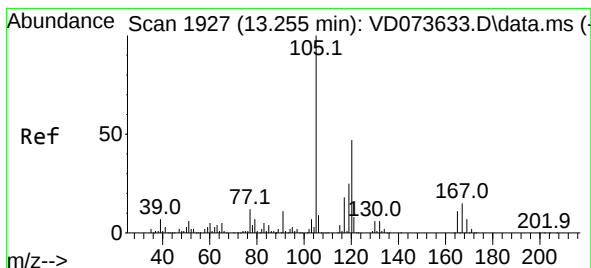
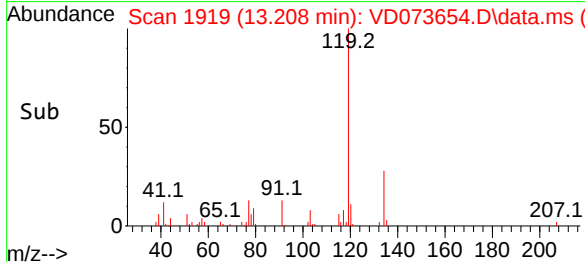
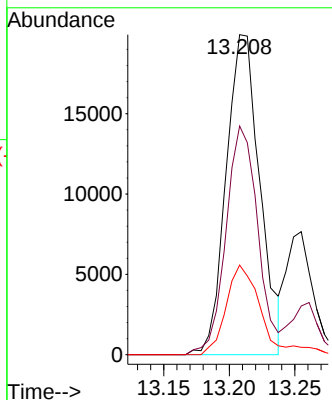
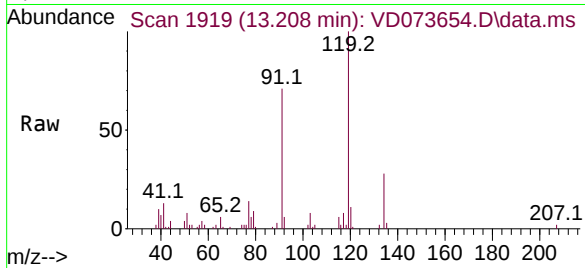




#83
tert-Butylbenzene
Concen: 4.012 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

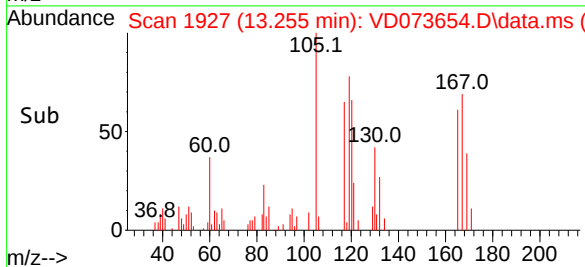
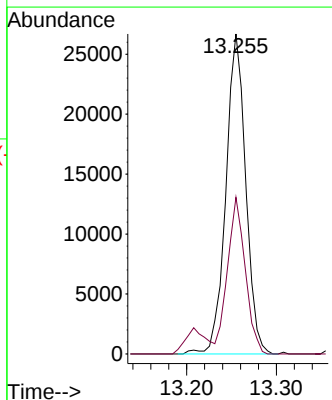
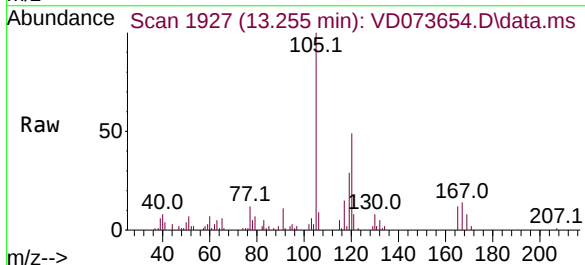
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

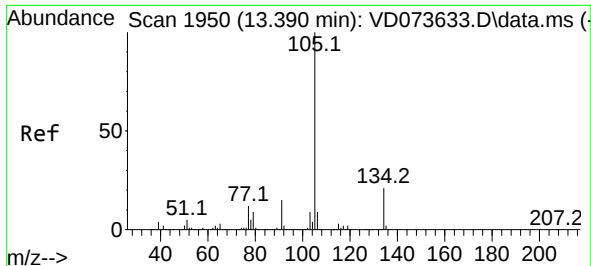
Tgt Ion:119	Resp:	35754
Ion Ratio	Lower	Upper
119	100	
91	67.3	32.3 96.8
134	29.0	13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 4.031 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:105	Resp:	40932
Ion Ratio	Lower	Upper
105	100	
120	43.8	23.1 69.2

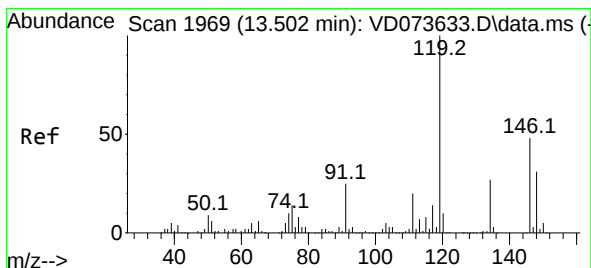
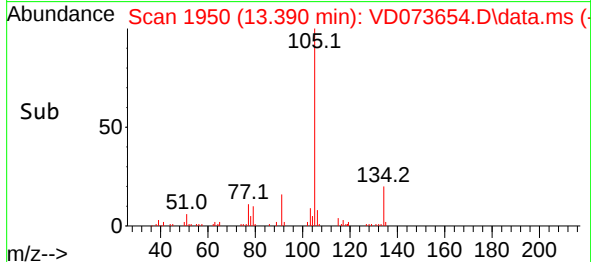
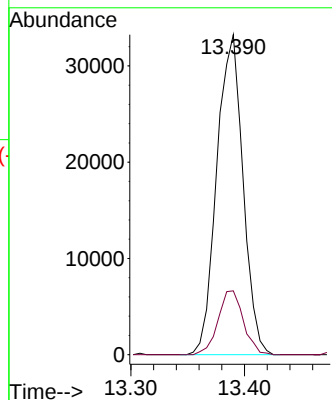
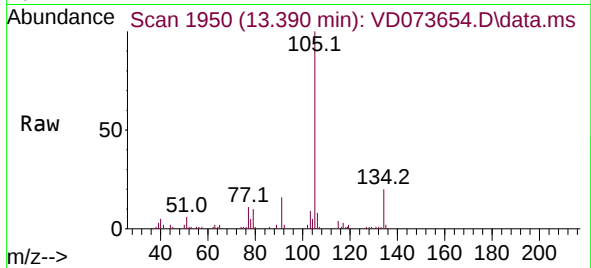




#85
 sec-Butylbenzene
 Concen: 4.017 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

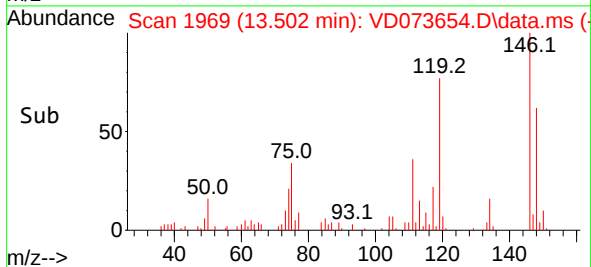
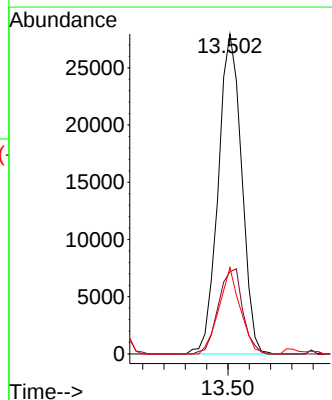
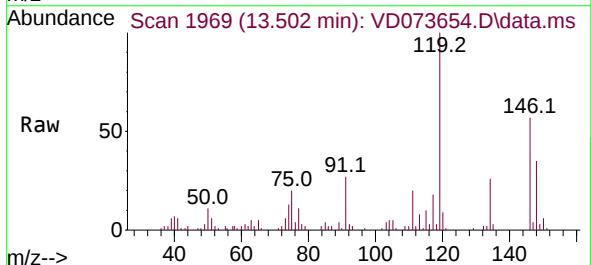
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

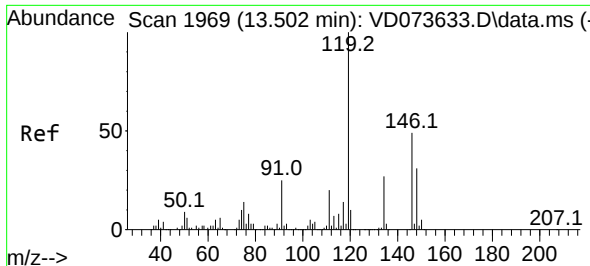
Tgt Ion:105 Resp: 53229
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 3.902 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

Tgt Ion:119 Resp: 42708
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 24.6 12.0 36.0

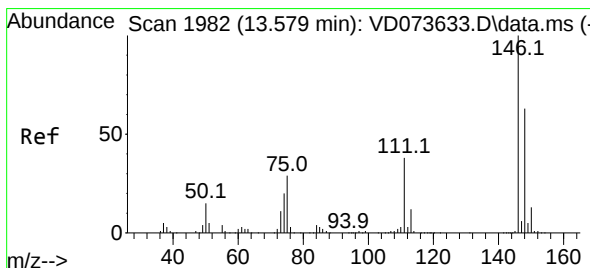
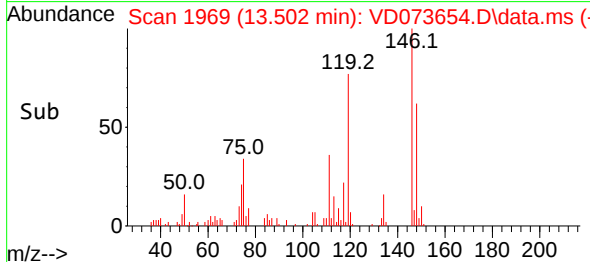
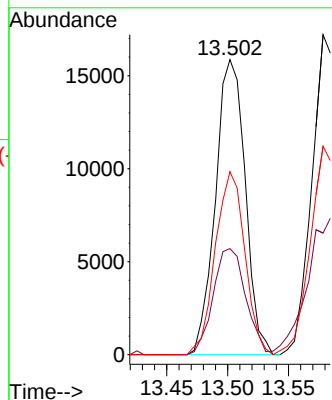
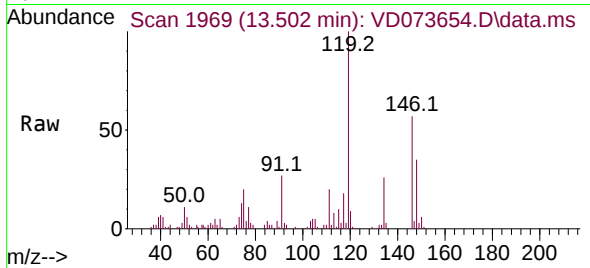




#87
1,3-Dichlorobenzene
Concen: 4.455 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

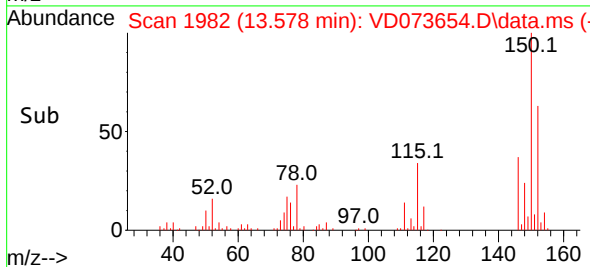
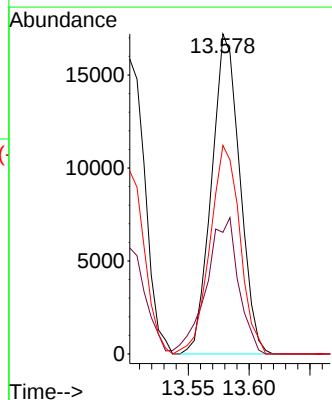
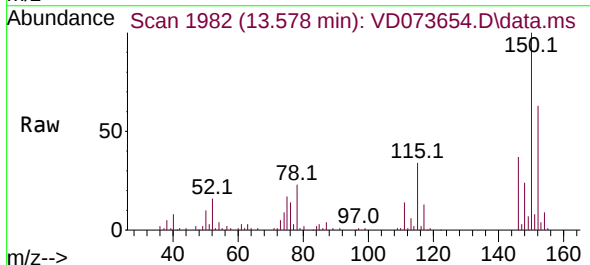
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

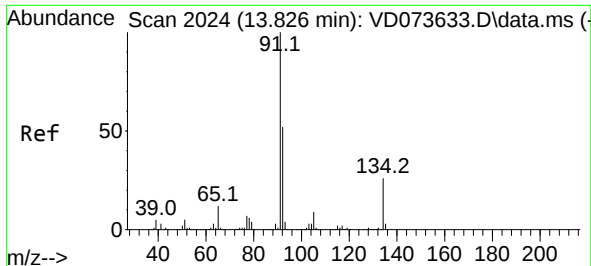
Tgt Ion:146 Resp: 26956
Ion Ratio Lower Upper
146 100
111 39.5 20.6 61.8
148 61.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 4.634 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:146 Resp: 27790
Ion Ratio Lower Upper
146 100
111 48.2 19.8 59.3
148 69.0 31.9 95.9

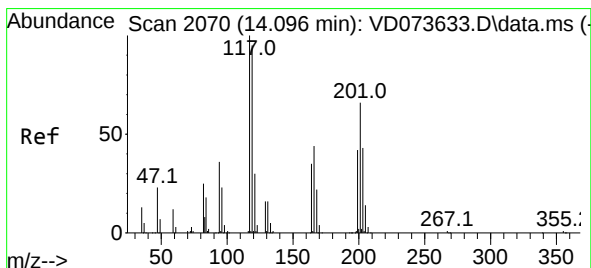
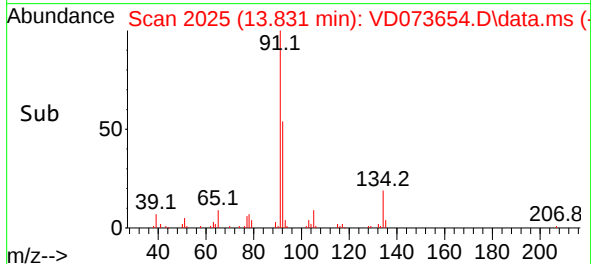
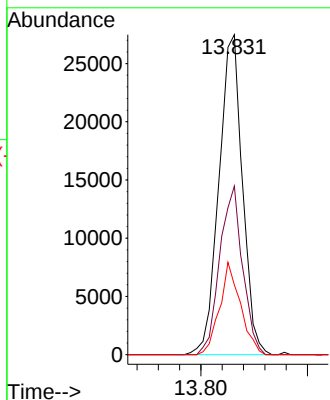
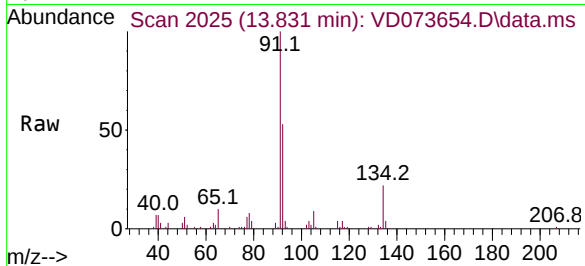




#89
n-Butylbenzene
Concen: 4.086 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

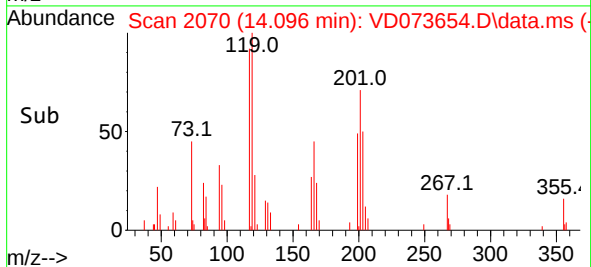
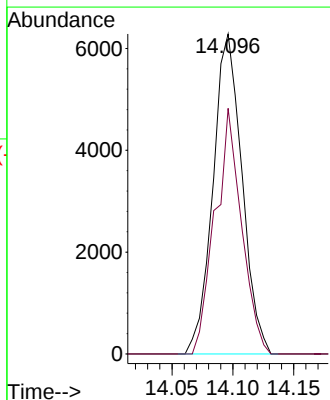
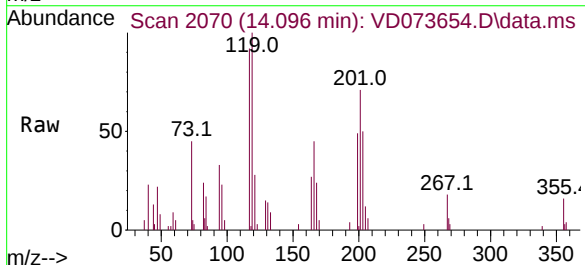
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

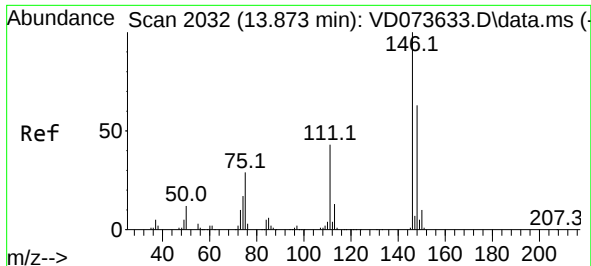
Tgt Ion: 91 Resp: 42049
Ion Ratio Lower Upper
91 100
92 51.1 26.8 80.4
134 25.7 13.1 39.3



#90
Hexachloroethane
Concen: 4.463 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 117 Resp: 10433
Ion Ratio Lower Upper
117 100
201 69.8 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 4.418 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

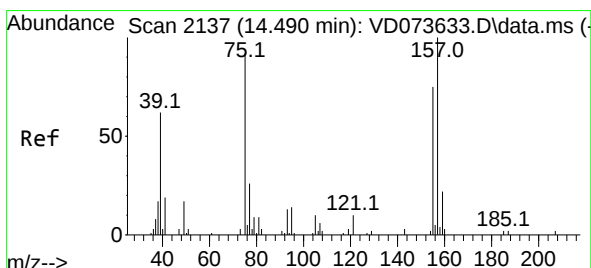
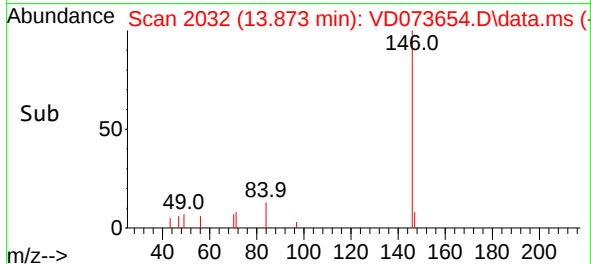
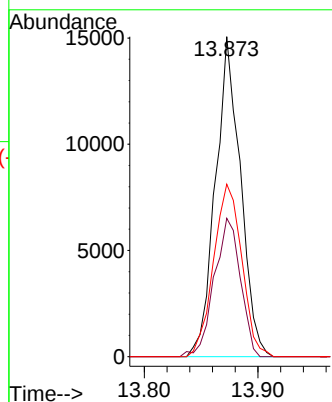
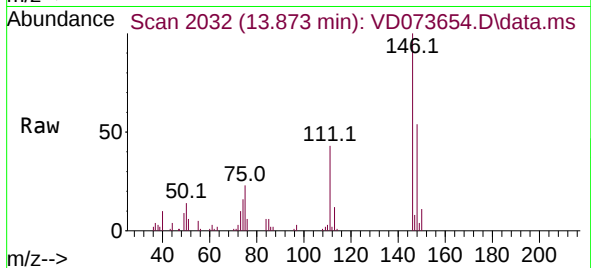
Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:146	Resp:	23065
Ion Ratio	Lower	Upper
146	100	
111	45.2	20.9 62.7
148	60.8	31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.729 ug/l

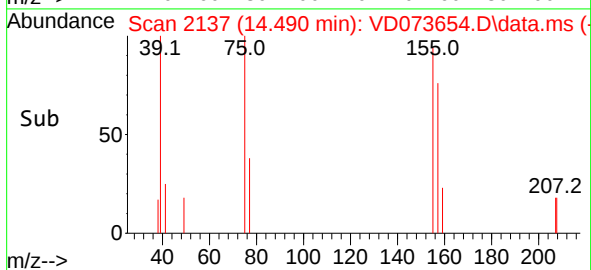
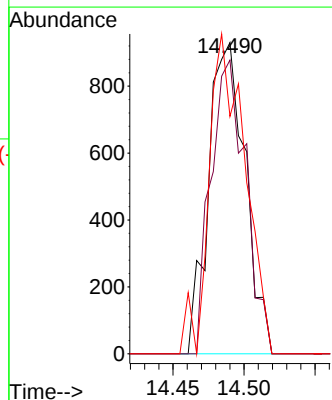
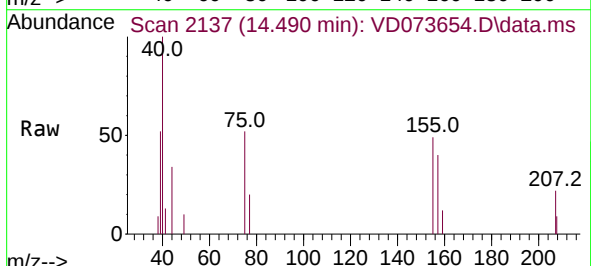
RT: 14.490 min Scan# 2137

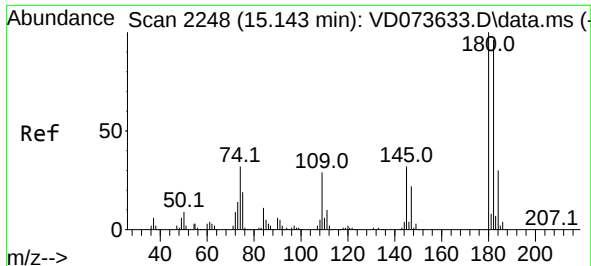
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion: 75	Resp:	1674
Ion Ratio	Lower	Upper
75	100	
155	89.9	41.6 124.8
157	100.8	51.7 155.2

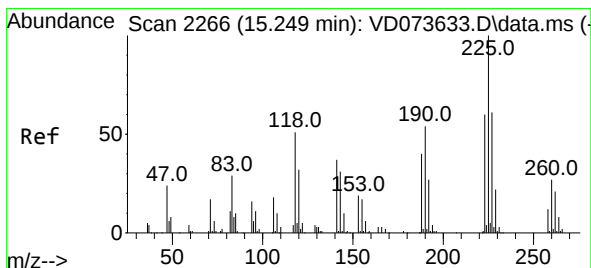
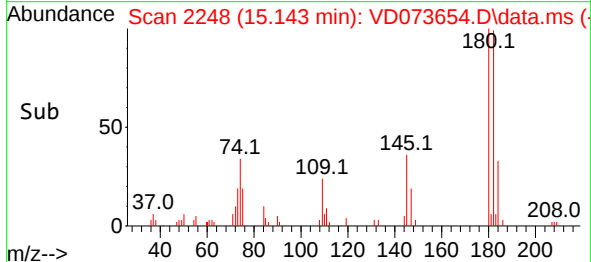
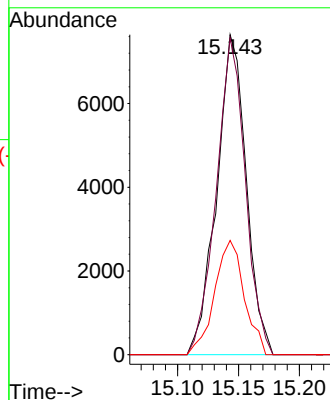
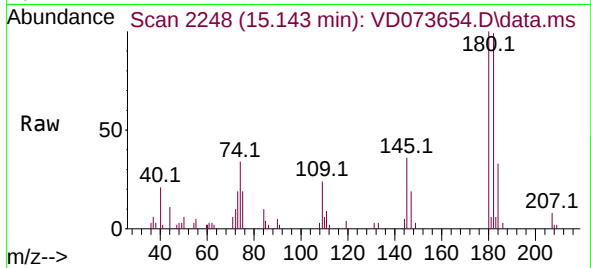




#93
1,2,4-Trichlorobenzene
Concen: 4.245 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

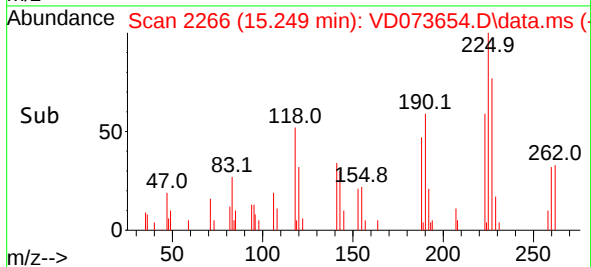
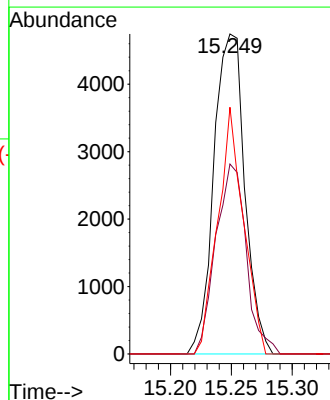
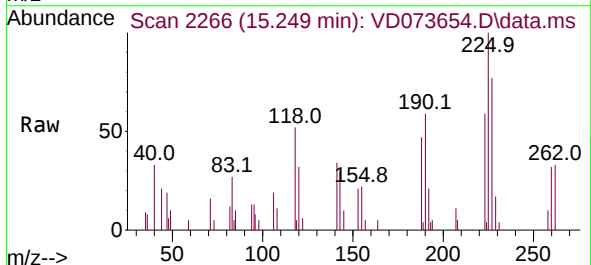
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

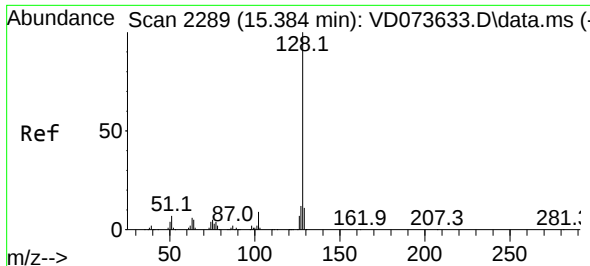
Tgt Ion:180 Resp: 12910
Ion Ratio Lower Upper
180 100
182 97.3 48.0 144.2
145 35.9 16.1 48.3



#94
Hexachlorobutadiene
Concen: 4.870 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:225 Resp: 8393
Ion Ratio Lower Upper
225 100
223 58.3 31.0 93.0
227 64.1 31.8 95.4

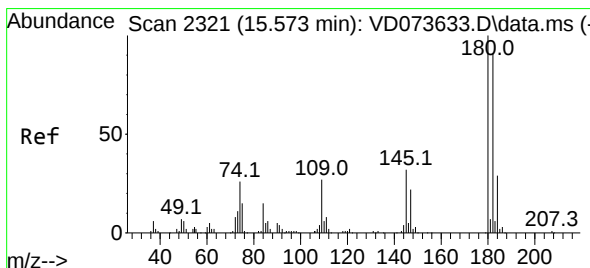
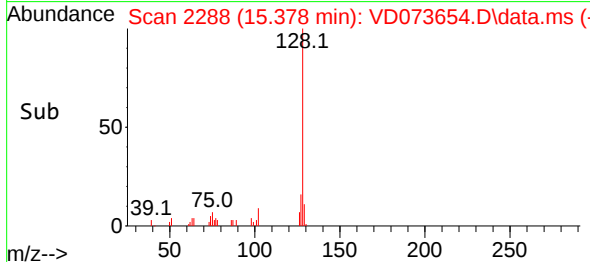
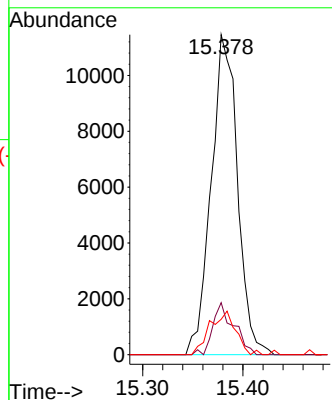
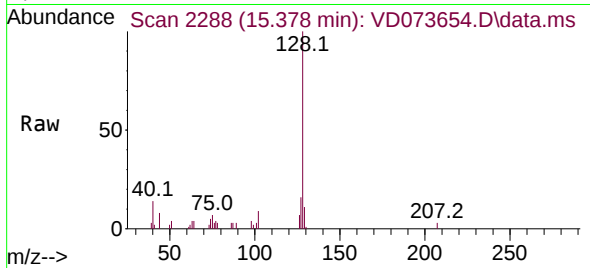




#95
Naphthalene
Concen: 3.954 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:128	Resp:	20892
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.3 15.5
129	13.5	9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 4.332 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:180	Resp:	11461
Ion Ratio	Lower	Upper
180	100	
182	98.4	46.1 138.3
145	33.1	16.8 50.3

