

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075664.D
 Acq On : 13 Apr 2023 17:01
 Operator : KP/SY
 Sample : 02213-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Quant Time: Apr 14 01:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	182548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	140736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95668	55.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.804	113	115095	50.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.269	98	440588	48.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.575	95	118320	48.671	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4212	2.483	ug/l	92
3) Chloromethane	2.146	50	10120	3.304	ug/l	90
4) Vinyl Chloride	2.275	62	11842	2.914	ug/l	100
5) Bromomethane	2.687	94	11018	3.472	ug/l	96
6) Chloroethane	2.828	64	8623	3.151	ug/l	88
7) Trichlorofluoromethane	3.169	101	8803	2.795	ug/l	94
8) Diethyl Ether	3.593	74	2898	2.957	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.952	101	2952	1.495	ug/l #	34
10) Methyl Iodide	4.158	142	6230	2.305	ug/l #	83
11) Tert butyl alcohol	5.046	59	1583	18.204	ug/l #	100
12) 1,1-Dichloroethene	3.928	96	5774	2.824	ug/l #	74
13) Acrolein	3.793	56	2180	12.428	ug/l	87
14) Allyl chloride	4.558	41	5179	2.781	ug/l #	75
15) Acrylonitrile	5.258	53	5681	15.519	ug/l #	88
16) Acetone	4.016	43	5578	17.572	ug/l	92
17) Carbon Disulfide	4.263	76	18744	2.801	ug/l	97
18) Methyl Acetate	4.569	43	3284	3.068	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	10989	2.769	ug/l	98
20) Methylene Chloride	4.793	84	18836	3.369	ug/l #	65
21) trans-1,2-Dichloroethene	5.305	96	6529	2.681	ug/l #	60
22) Diisopropyl ether	6.216	45	10293	2.446	ug/l #	90
23) Vinyl Acetate	6.157	43	19711	10.085	ug/l #	76
24) 1,1-Dichloroethane	6.110	63	9614	2.757	ug/l #	94
25) 2-Butanone	7.087	43	6191	15.147	ug/l	93
26) 2,2-Dichloropropane	7.075	77	10838	3.429	ug/l	80
27) cis-1,2-Dichloroethene	7.063	96	3084	1.143	ug/l #	1
28) Bromochloromethane	7.416	49	1578	1.432	ug/l #	1
29) Tetrahydrofuran	7.446	42	3231	14.456	ug/l #	63
30) Chloroform	7.593	83	11531	2.917	ug/l #	80
31) Cyclohexane	7.881	56	10385	3.819	ug/l #	46
32) 1,1,1-Trichloroethane	7.781	97	9242	2.868	ug/l	97
36) 1,1-Dichloropropene	8.004	75	7921	2.514	ug/l	95
37) Ethyl Acetate	7.175	43	2923	3.048	ug/l #	91
38) Carbon Tetrachloride	7.993	117	6828	2.461	ug/l	95
39) Methylcyclohexane	9.269	83	8605	2.362	ug/l	99
40) Benzene	8.252	78	24834	2.535	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075664.D
 Acq On : 13 Apr 2023 17:01
 Operator : KP/SY
 Sample : 02213-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Quant Time: Apr 14 01:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	1206	2.621	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	6167	2.772	ug/l	82
43) Isopropyl Acetate	8.363	43	4496	2.571	ug/l #	88
44) Trichloroethene	9.028	130	7278	2.625	ug/l	99
45) 1,2-Dichloropropane	9.304	63	5248	2.391	ug/l	91
46) Dibromomethane	9.387	93	3951	2.837	ug/l	88
47) Bromodichloromethane	9.581	83	8415	2.642	ug/l	93
48) Methyl methacrylate	9.387	41	1893	2.430	ug/l #	67
49) 1,4-Dioxane	9.369	88	283	20.484	ug/l #	63
51) 4-Methyl-2-Pentanone	10.157	43	11326	12.149	ug/l #	84
52) Toluene	10.334	92	15970	2.452	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	7129	2.335	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	8693	2.396	ug/l #	64
55) 1,1,2-Trichloroethane	10.734	97	5293	2.625	ug/l #	85
56) Ethyl methacrylate	10.598	69	4361	2.198	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	7352	2.402	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.869	63	9107	10.687	ug/l #	89
59) 2-Hexanone	10.922	43	7084	10.807	ug/l	76
60) Dibromochloromethane	11.081	129	5746	2.435	ug/l	94
61) 1,2-Dibromoethane	11.181	107	4612	2.398	ug/l	94
64) Tetrachloroethene	10.810	164	5622	2.525	ug/l	95
65) Chlorobenzene	11.610	112	17307	2.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	5635	2.475	ug/l	88
67) Ethyl Benzene	11.687	91	27199	2.531	ug/l	99
68) m/p-Xylenes	11.798	106	20193	4.585	ug/l	86
69) o-Xylene	12.122	106	8853	2.223	ug/l	98
70) Styrene	12.134	104	15454	2.557	ug/l	93
71) Bromoform	12.298	173	2957	2.485	ug/l #	95
73) Isopropylbenzene	12.422	105	22243	2.408	ug/l	100
74) N-amyl acetate	12.234	43	3620	2.667	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	5765	3.213	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	5890	5.132	ug/l #	100
77) Bromobenzene	12.704	156	6919	2.906	ug/l	94
78) n-propylbenzene	12.763	91	30813	2.722	ug/l	99
79) 2-Chlorotoluene	12.851	91	17133	2.668	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	18344	2.382	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.575	75	59384	112.146	ug/l #	5
82) 4-Chlorotoluene	12.951	91	17263	2.585	ug/l	96
83) tert-Butylbenzene	13.169	119	15544	2.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	18132	2.347	ug/l	96
85) sec-Butylbenzene	13.345	105	24888	2.485	ug/l	98
86) p-Isopropyltoluene	13.463	119	18715	2.244	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	13214	2.667	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	14694	3.002	ug/l	95
89) n-Butylbenzene	13.792	91	19861	2.586	ug/l	98
90) Hexachloroethane	14.057	117	4639	2.800	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	11111	2.618	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.457	75	687	2.856	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	6920	2.803	ug/l	99
94) Hexachlorobutadiene	15.204	225	3163	2.681	ug/l	99
95) Naphthalene	15.333	128	13258	2.835	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.522	180	5966	2.746	ug/l	98

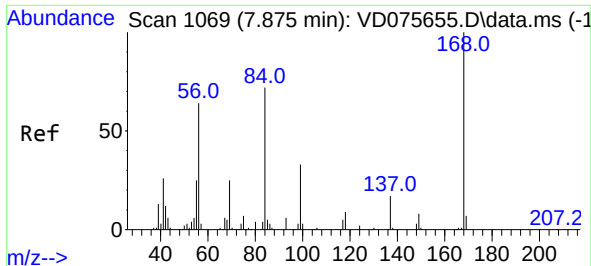
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075664.D
Acq On : 13 Apr 2023 17:01
Operator : KP/SY
Sample : 02213-01 2.5PPB
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Quant Time: Apr 14 01:35:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

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

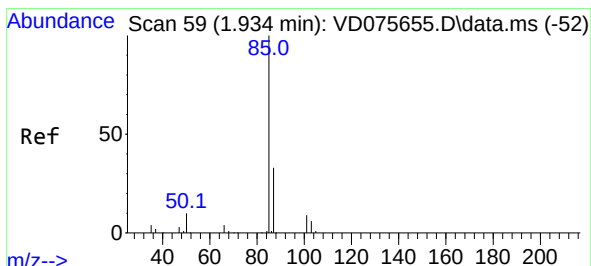
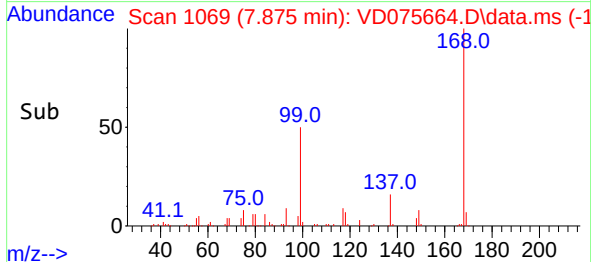
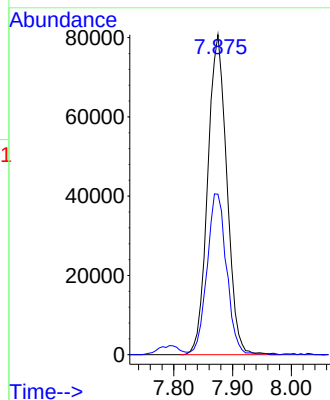
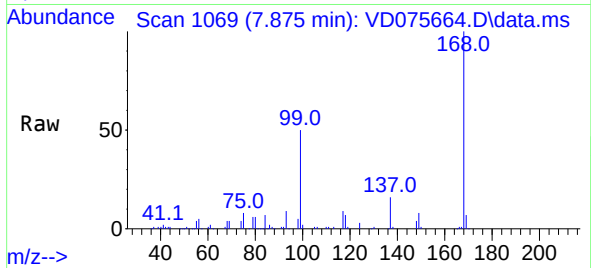
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

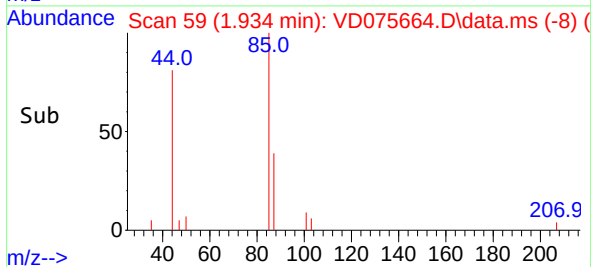
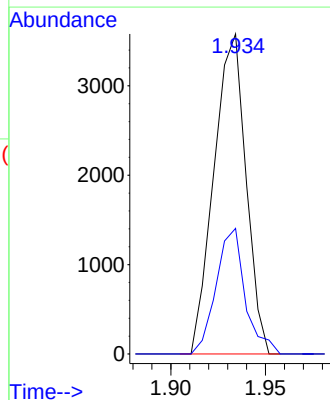
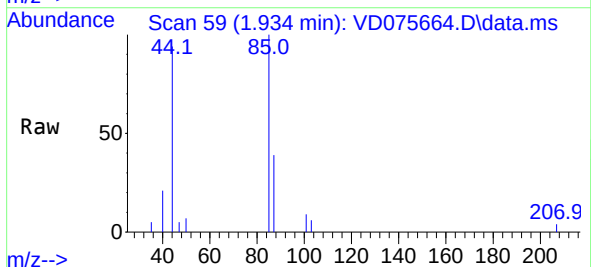
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

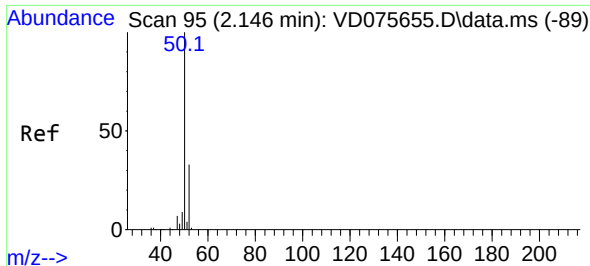
Tgt Ion:168 Resp: 182548
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 2.483 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 85 Resp: 4212
Ion Ratio Lower Upper
85 100
87 39.2 17.3 51.7

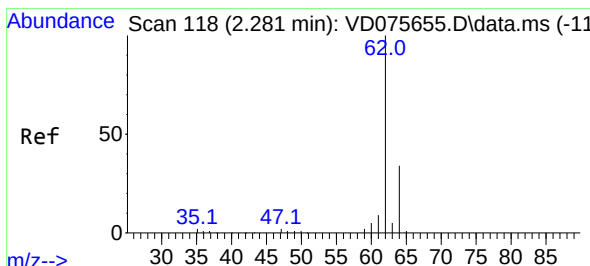
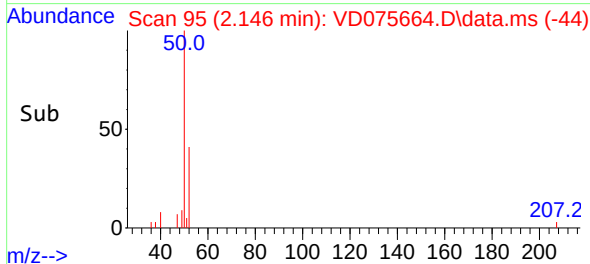
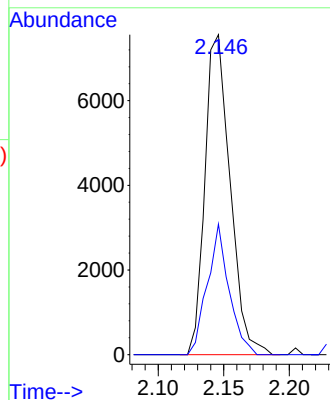
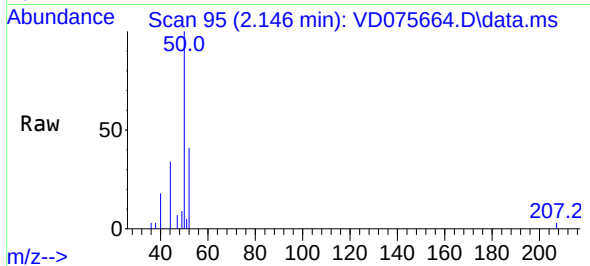




#3
Chloromethane
Concen: 3.304 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

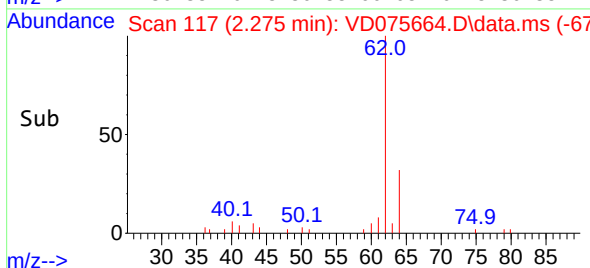
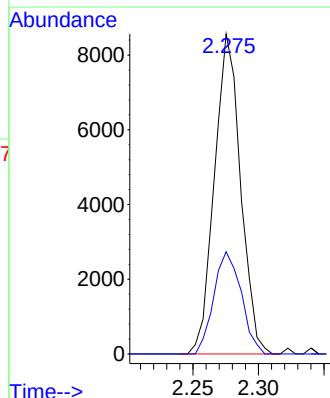
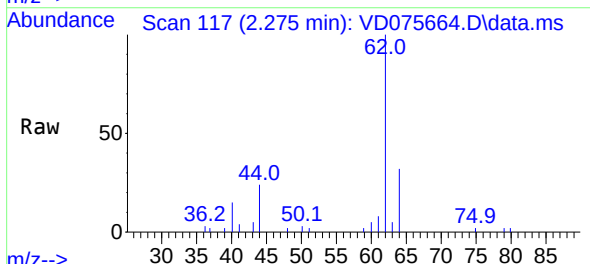
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

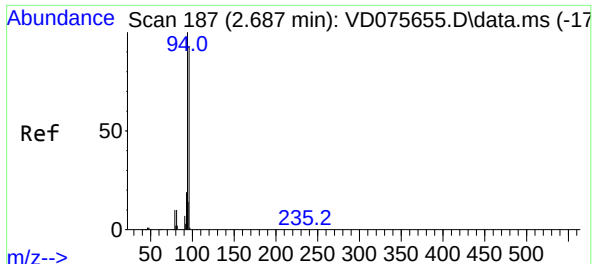
Tgt Ion: 50 Resp: 10120
Ion Ratio Lower Upper
50 100
52 40.8 27.8 41.8



#4
Vinyl Chloride
Concen: 2.914 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 62 Resp: 11842
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

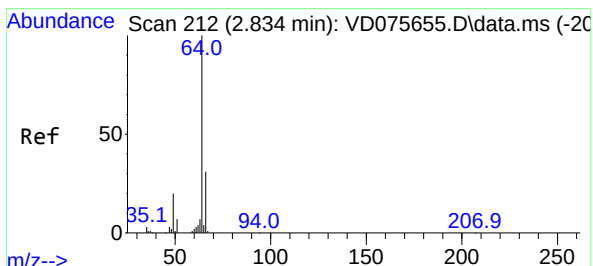
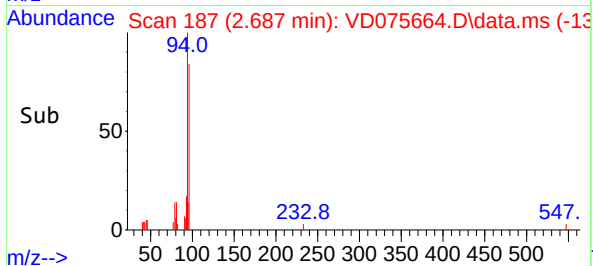
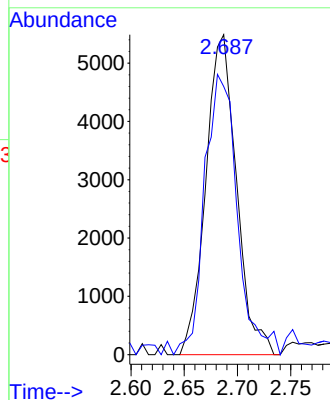
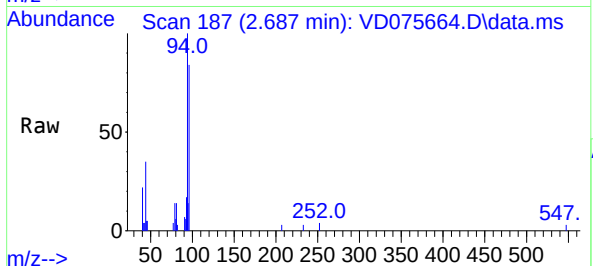




#5
Bromomethane
Concen: 3.472 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

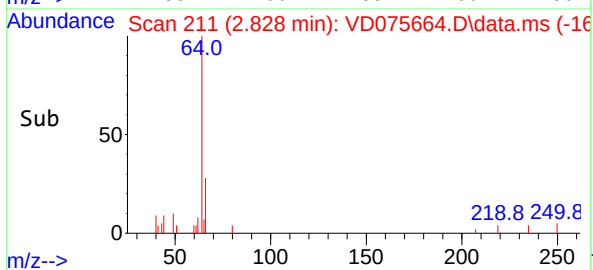
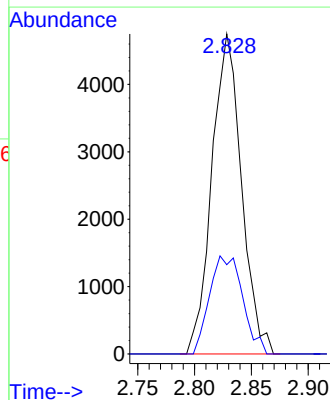
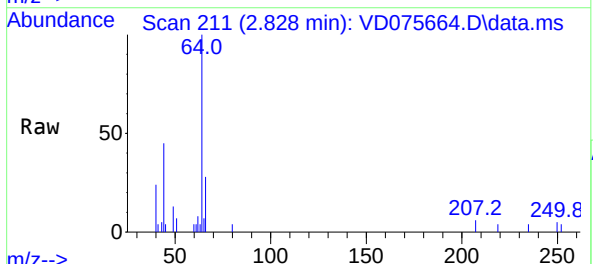
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

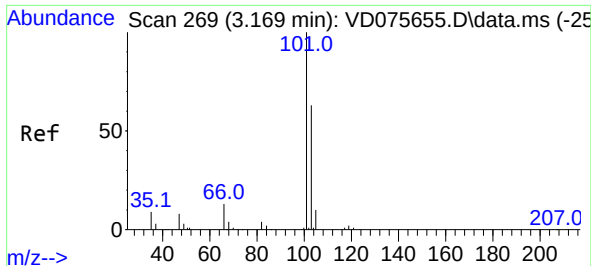
Tgt Ion: 94 Resp: 11018
Ion Ratio Lower Upper
94 100
96 92.9 77.5 116.3



#6
Chloroethane
Concen: 3.151 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 64 Resp: 8623
Ion Ratio Lower Upper
64 100
66 27.9 27.7 41.5

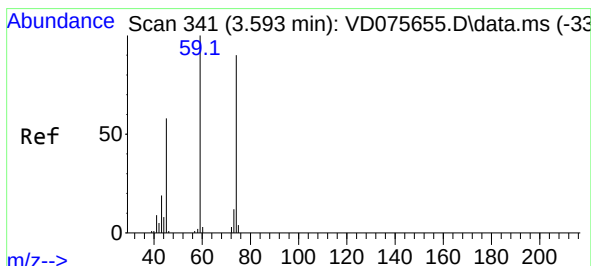
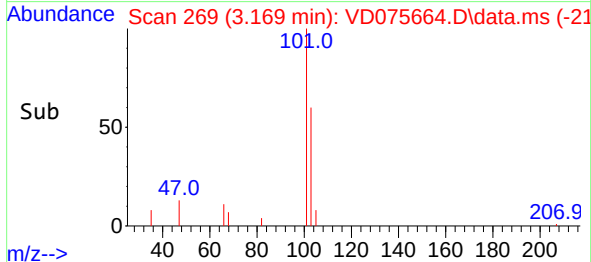
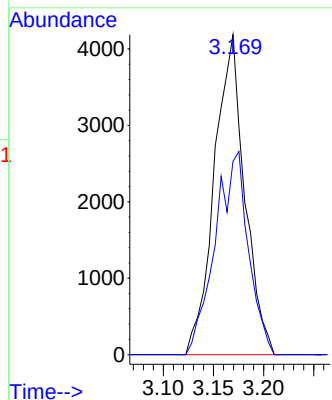
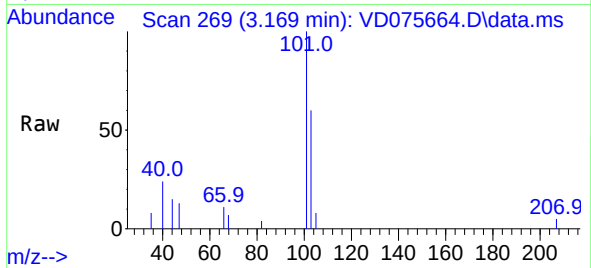




#7
Trichlorofluoromethane
Concen: 2.795 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

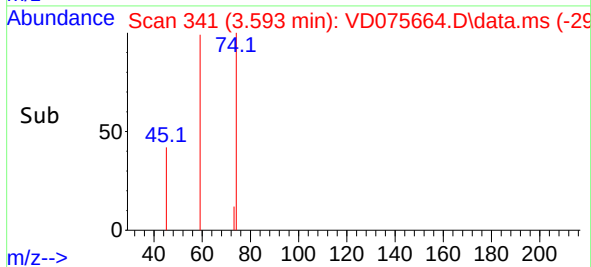
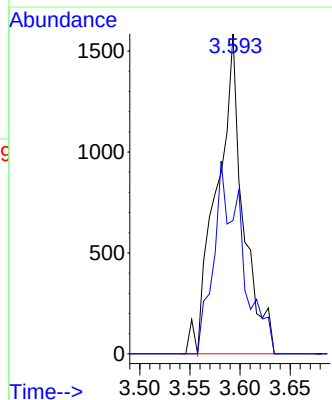
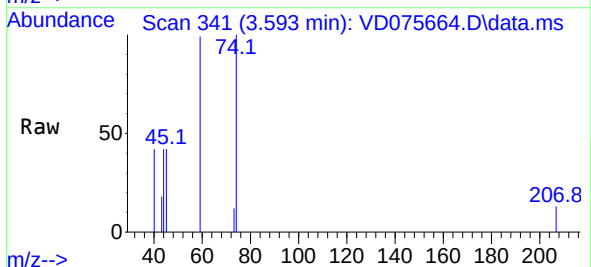
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

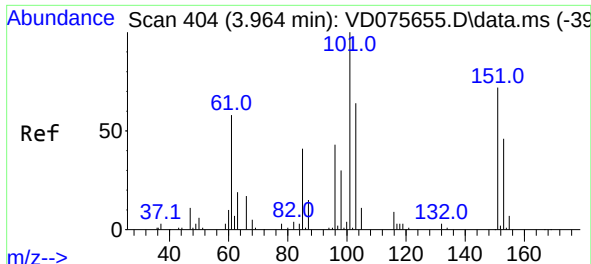
Tgt Ion:101 Resp: 8803
Ion Ratio Lower Upper
101 100
103 60.4 51.9 77.9



#8
Diethyl Ether
Concen: 2.957 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 74 Resp: 2898
Ion Ratio Lower Upper
74 100
45 64.5 50.9 152.7

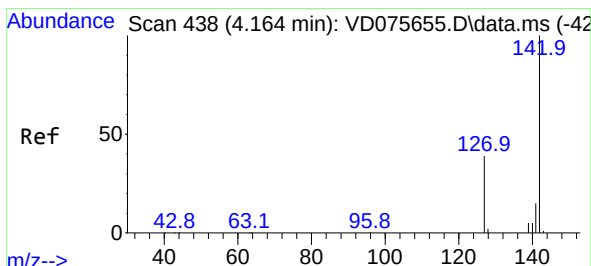
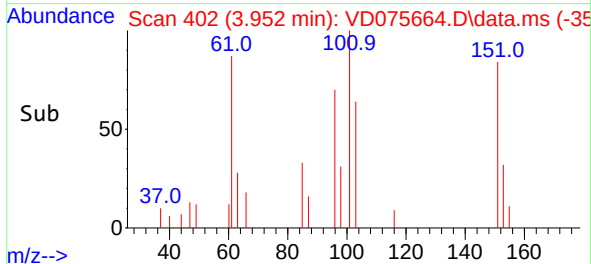
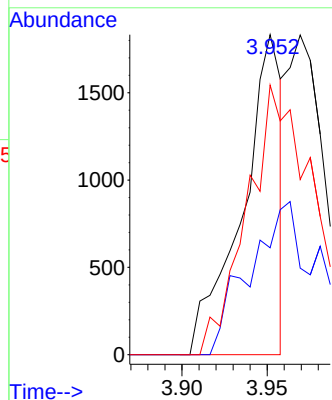
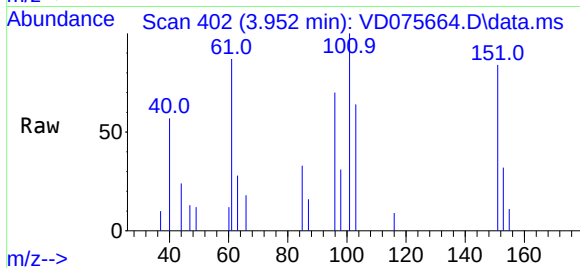




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.495 ug/l
RT: 3.952 min Scan# 40
Delta R.T. -0.012 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

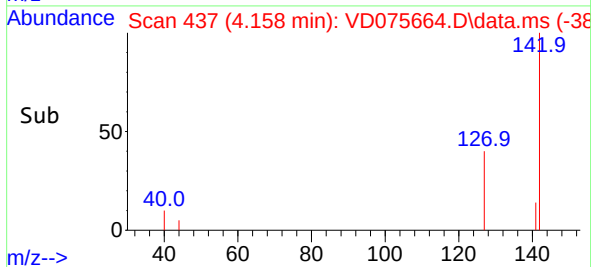
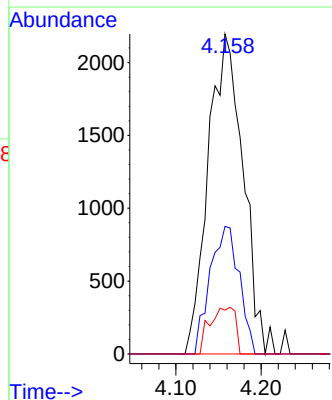
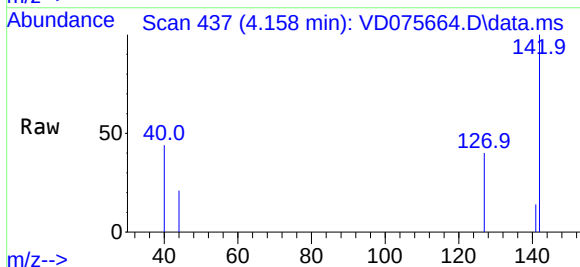
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

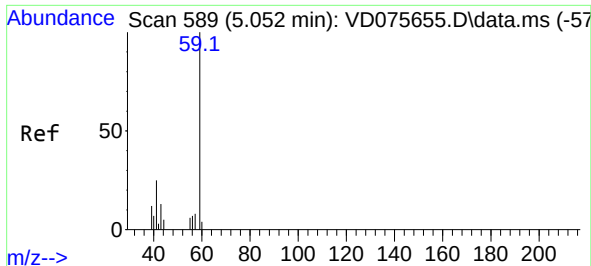
Tgt Ion:101 Resp: 2952
Ion Ratio Lower Upper
101 100
85 81.9 38.3 57.5#
151 140.3 60.4 90.6#



#10
Methyl Iodide
Concen: 2.305 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:142 Resp: 6230
Ion Ratio Lower Upper
142 100
127 33.3 37.1 55.7#
141 10.7 11.3 16.9#





#11

Tert butyl alcohol

Concen: 18.204 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

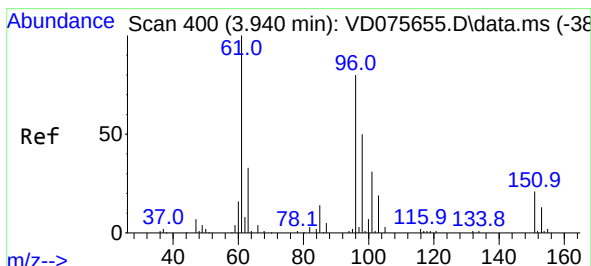
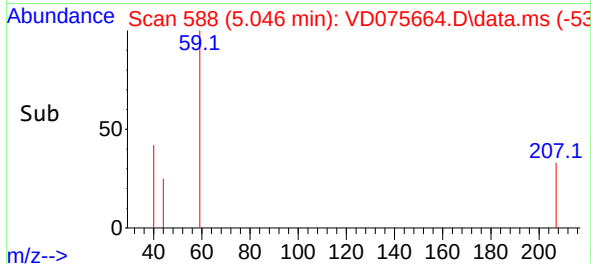
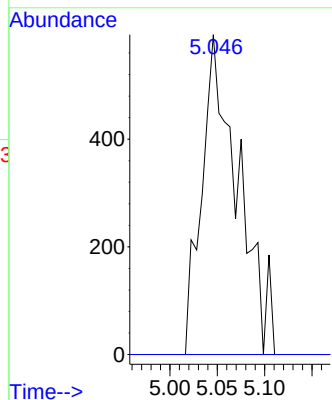
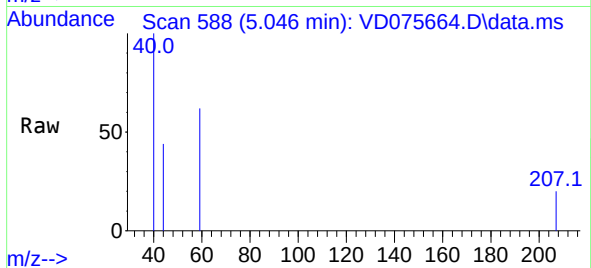
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 59 Resp: 1583

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 2.824 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.012 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

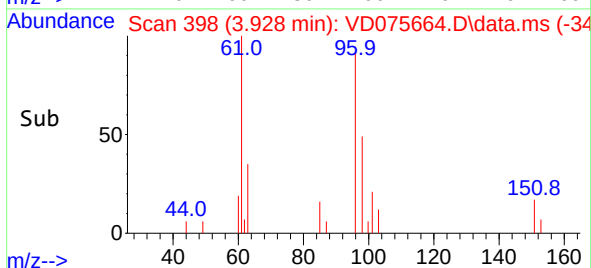
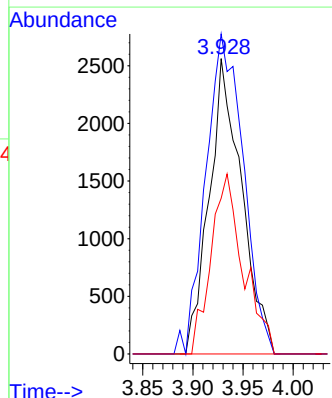
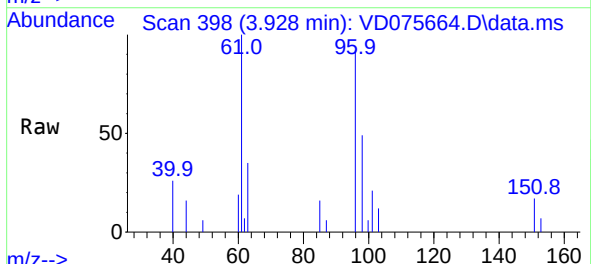
Tgt Ion: 96 Resp: 5774

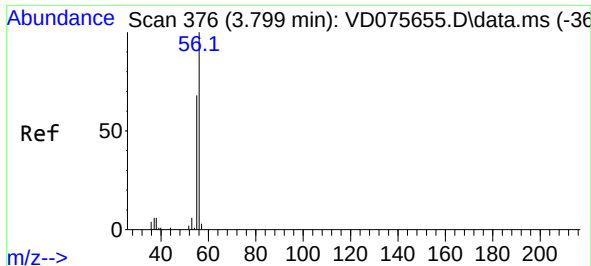
Ion Ratio Lower Upper

96 100

61 108.3 118.6 177.8#

98 52.7 49.7 74.5

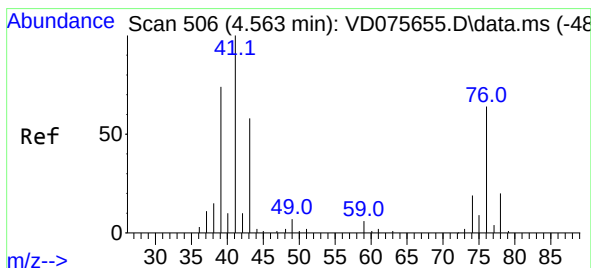
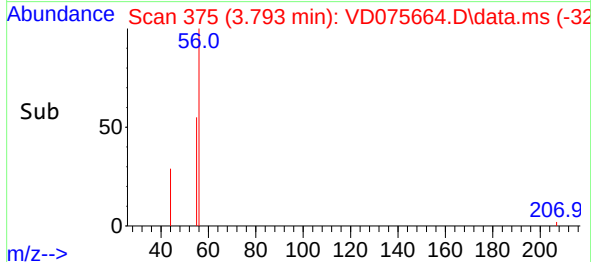
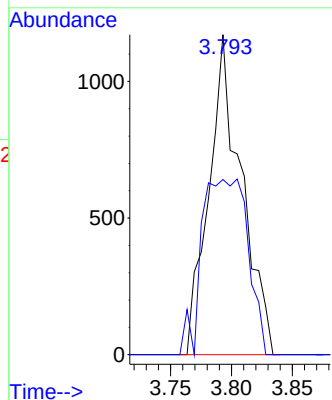
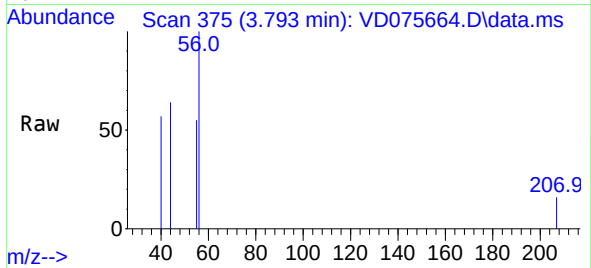




#13
Acrolein
Concen: 12.428 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

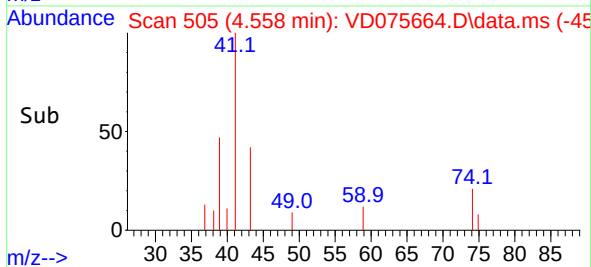
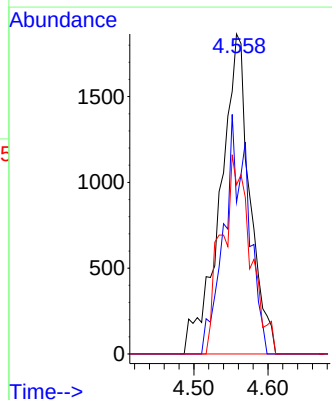
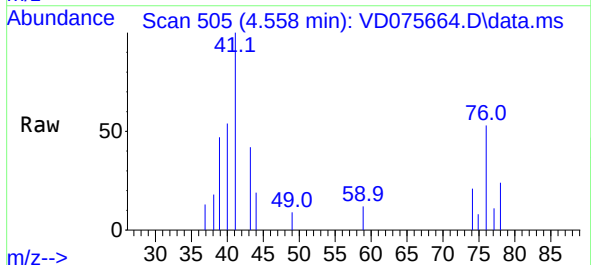
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

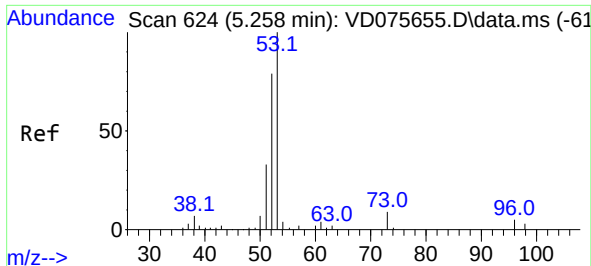
Tgt Ion: 56 Resp: 2180
Ion Ratio Lower Upper
56 100
55 77.8 53.9 80.9



#14
Allyl chloride
Concen: 2.781 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 41 Resp: 5179
Ion Ratio Lower Upper
41 100
39 61.5 60.6 90.8
76 60.8 28.6 43.0#

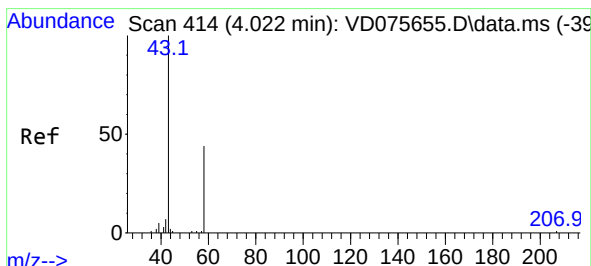
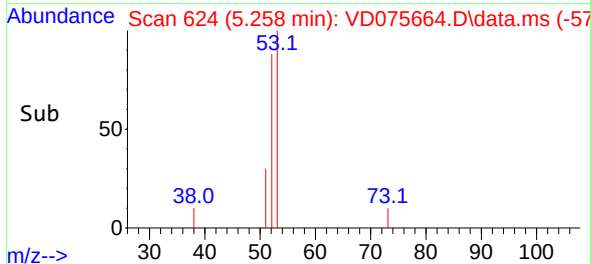
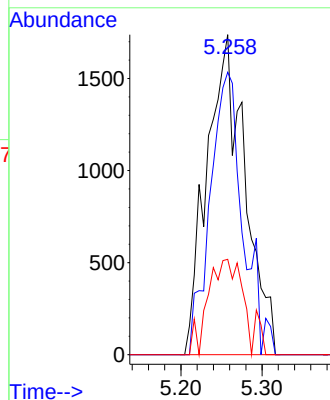
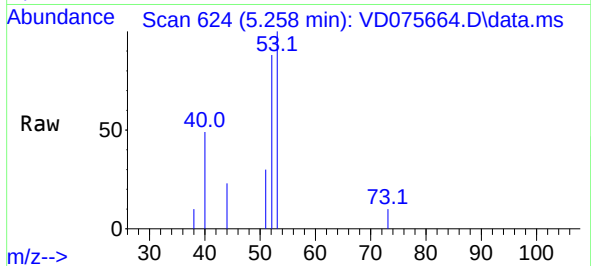




#15
Acrylonitrile
Concen: 15.519 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

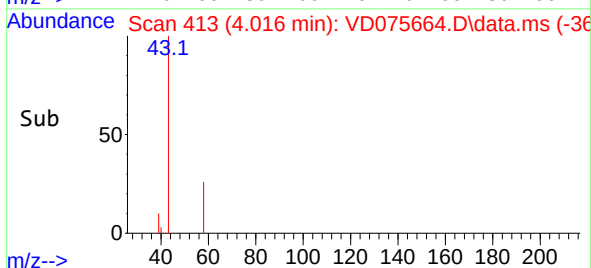
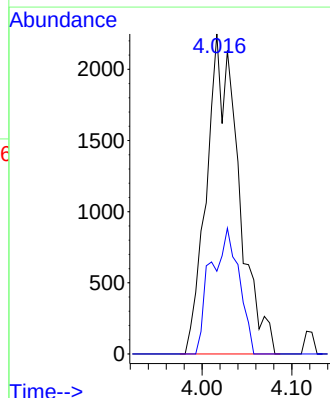
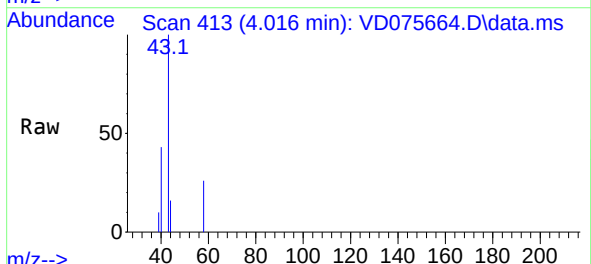
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

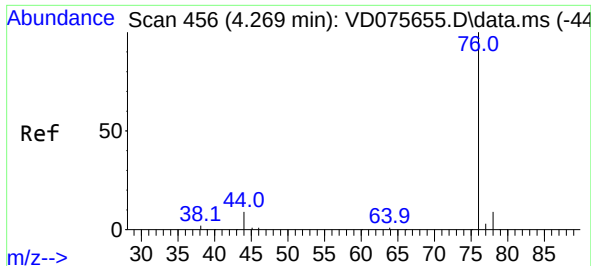
Tgt Ion: 53 Resp: 5681
Ion Ratio Lower Upper
53 100
52 75.6 66.2 99.4
51 26.1 30.7 46.1#



#16
Acetone
Concen: 17.572 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 43 Resp: 5578
Ion Ratio Lower Upper
43 100
58 25.9 24.4 36.6

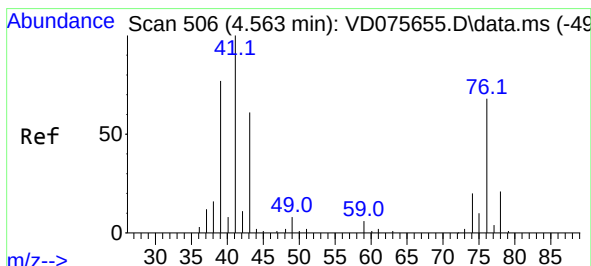
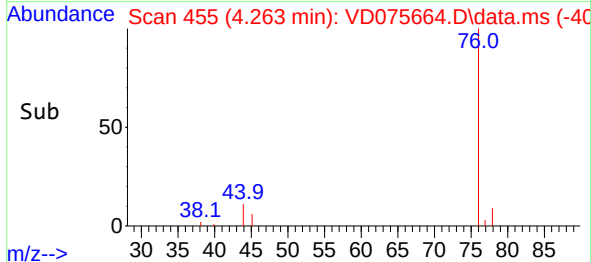
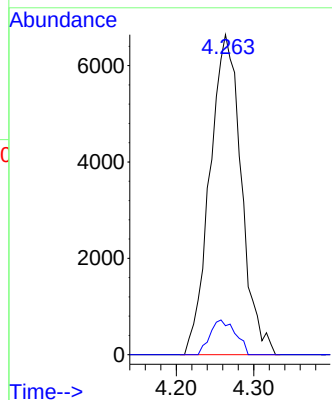
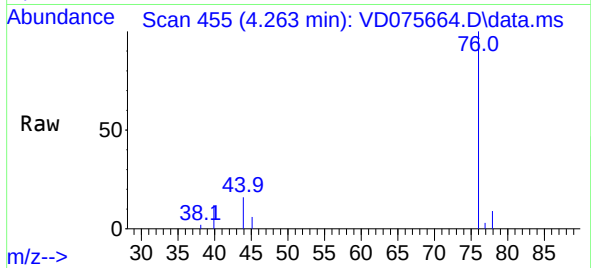




#17
Carbon Disulfide
Concen: 2.801 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

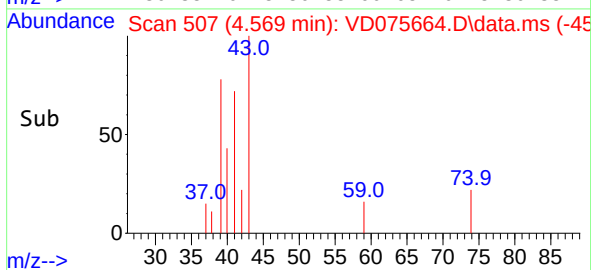
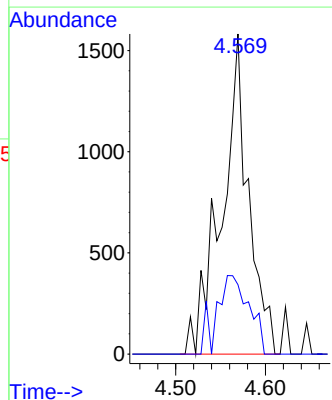
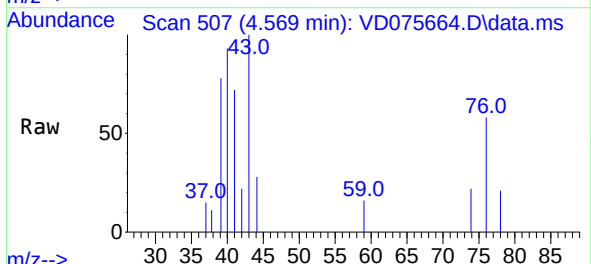
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

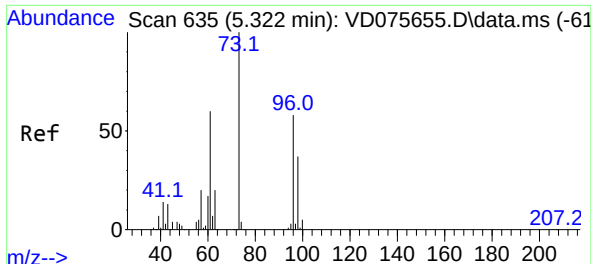
Tgt Ion: 76 Resp: 18744
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0



#18
Methyl Acetate
Concen: 3.068 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 43 Resp: 3284
Ion Ratio Lower Upper
43 100
74 29.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 2.769 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

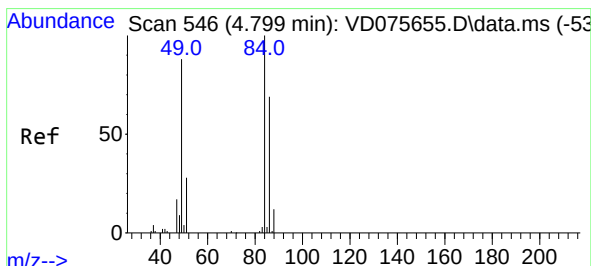
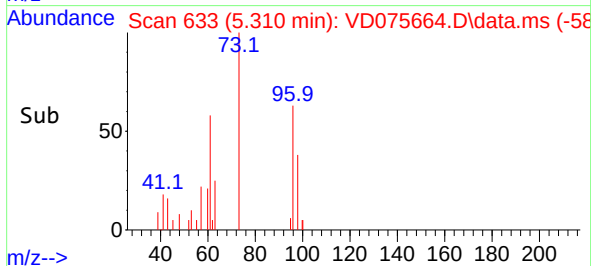
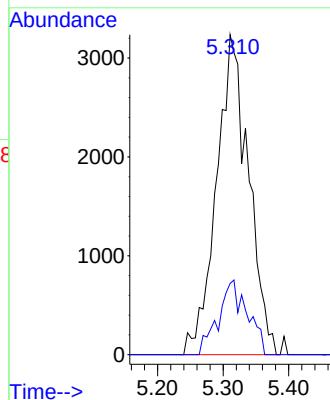
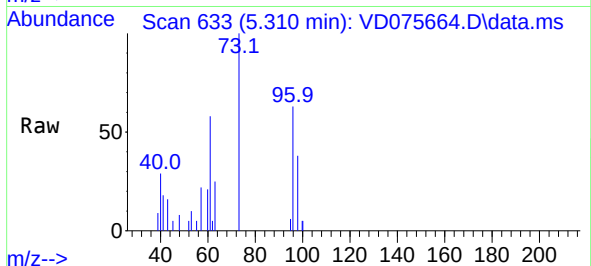
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 73 Resp: 10989

Ion Ratio Lower Upper

73 100

57 22.2 17.2 25.8



#20

Methylene Chloride

Concen: 3.369 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Tgt Ion: 84 Resp: 18836

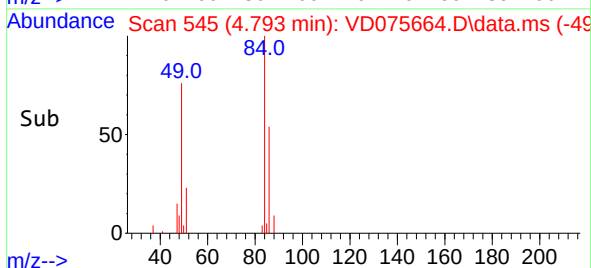
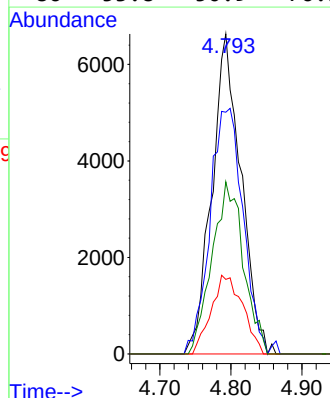
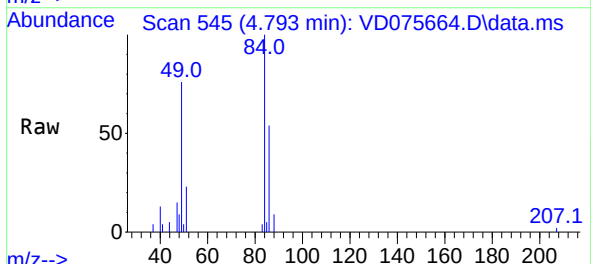
Ion Ratio Lower Upper

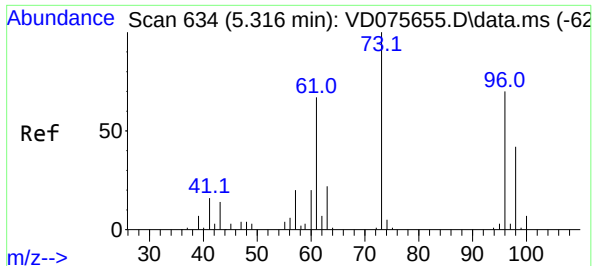
84 100

49 75.6 106.4 159.6#

51 23.3 32.4 48.6#

86 53.8 50.9 76.3

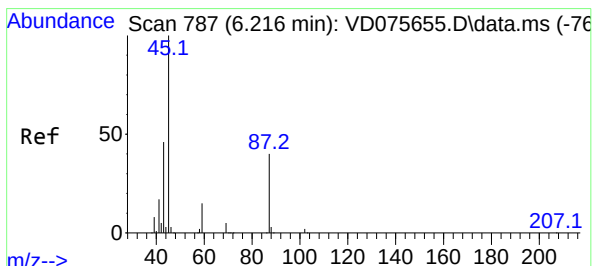
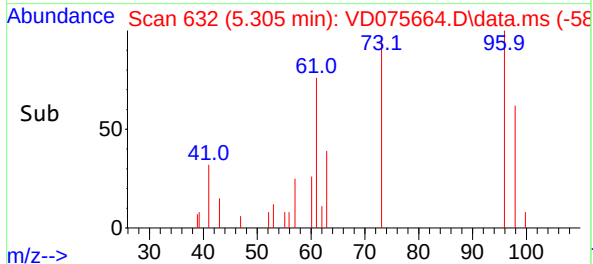
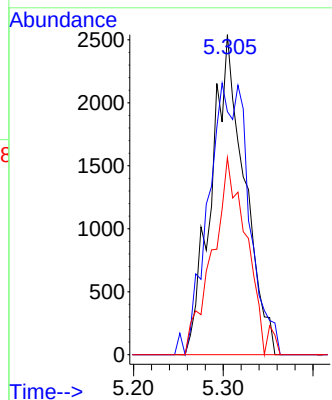
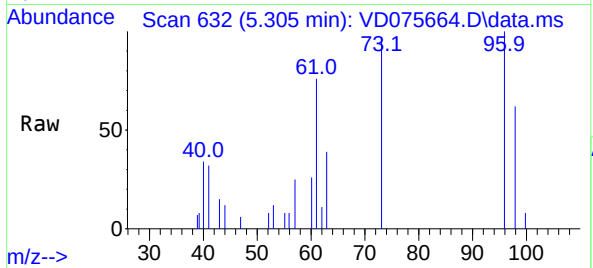




#21
trans-1,2-Dichloroethene
Concen: 2.681 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

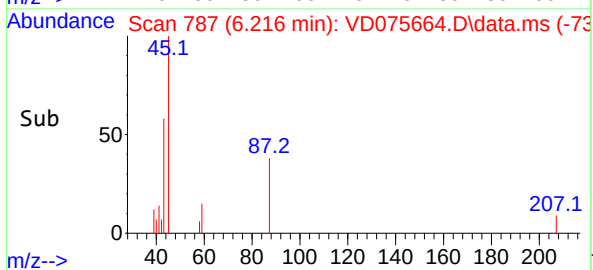
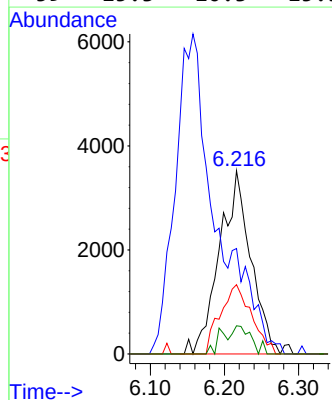
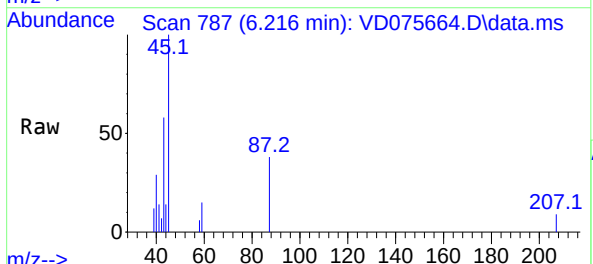
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

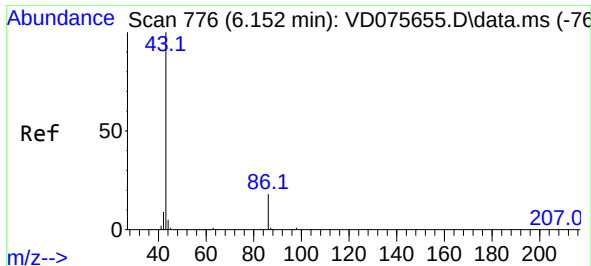
Tgt Ion: 96 Resp: 6529
Ion Ratio Lower Upper
96 100
61 76.0 117.2 175.8#
98 61.6 50.6 76.0



#22
Diisopropyl ether
Concen: 2.446 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 45 Resp: 10293
Ion Ratio Lower Upper
45 100
43 52.0 44.4 66.6
87 37.9 20.9 31.3#
59 15.3 10.3 15.5

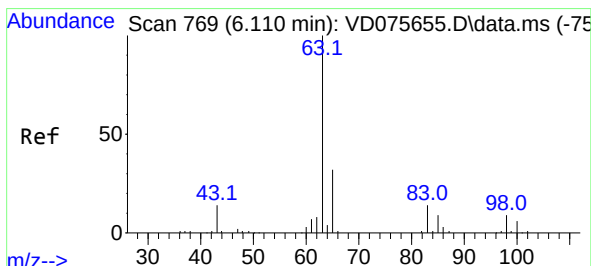
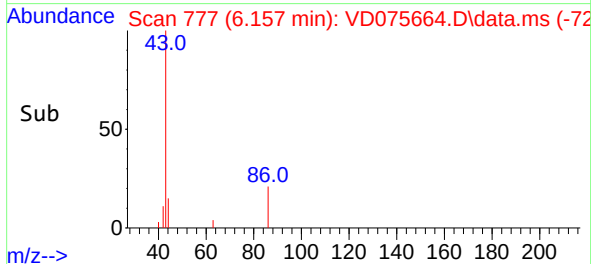
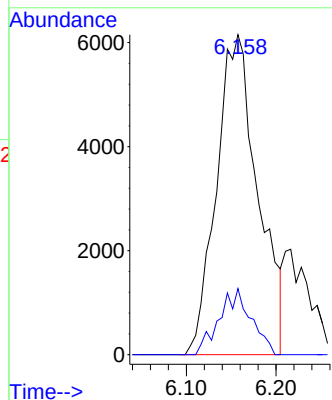
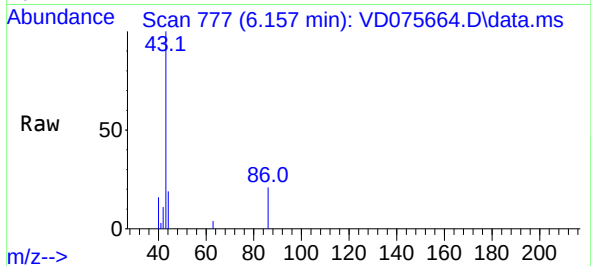




#23
 Vinyl Acetate
 Concen: 10.085 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.005 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

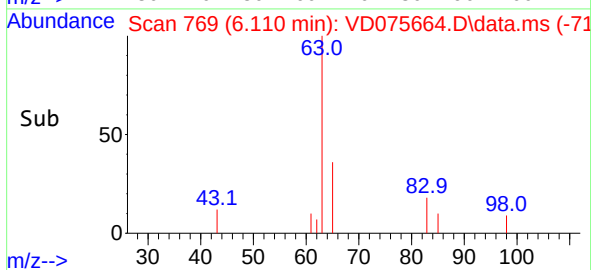
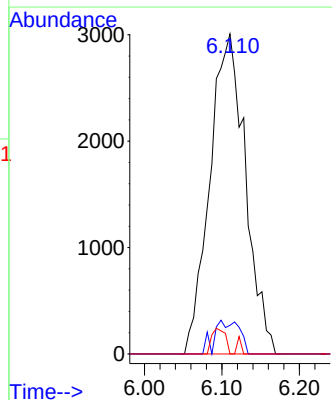
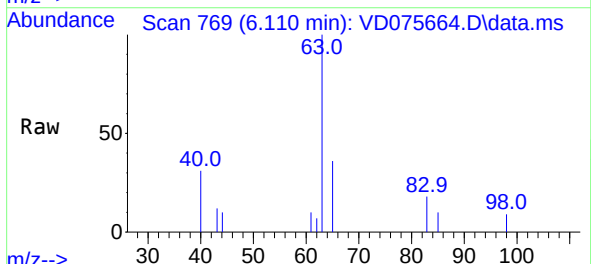
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

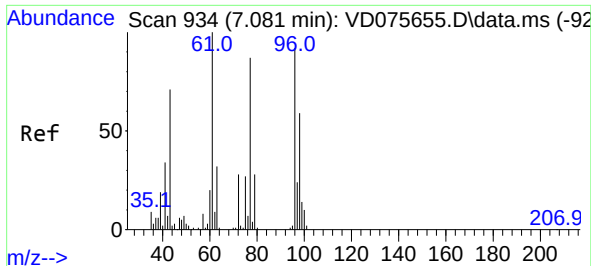
Tgt Ion: 43 Resp: 19711
 Ion Ratio Lower Upper
 43 100
 86 20.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 2.757 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

Tgt Ion: 63 Resp: 9614
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 0.0 2.0 6.0#

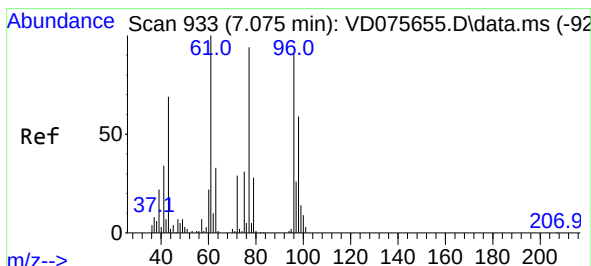
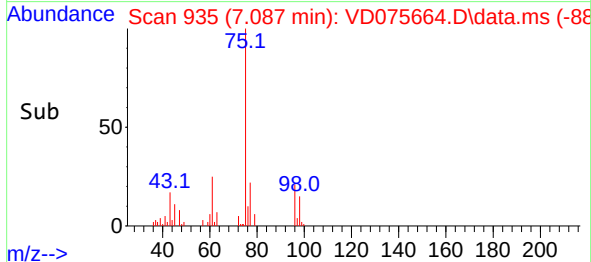
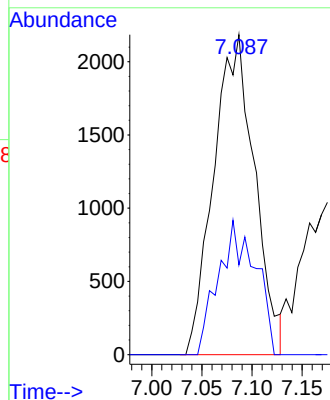
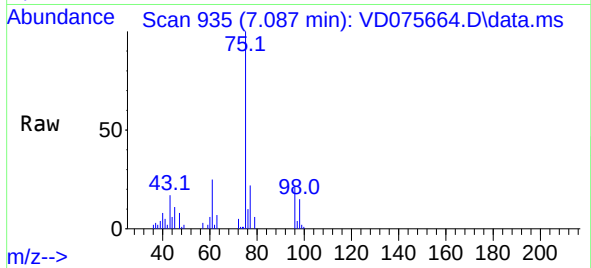




#25
2-Butanone
Concen: 15.147 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

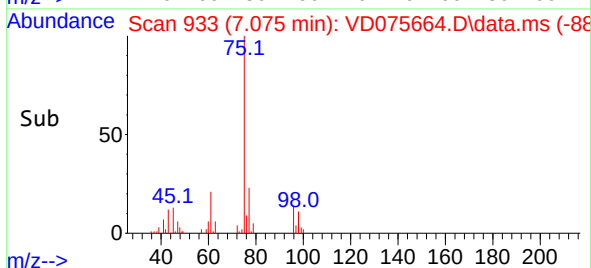
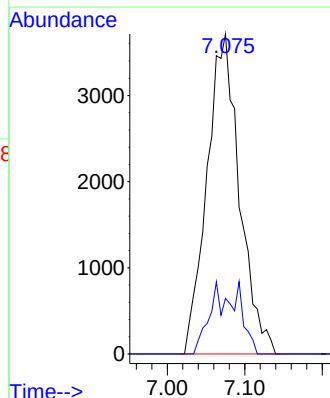
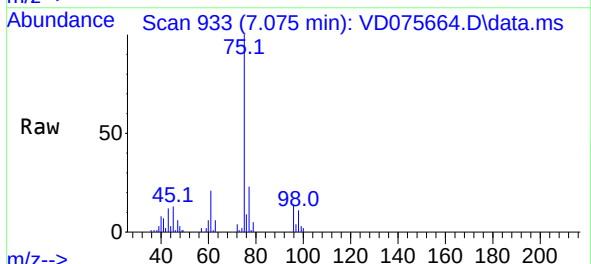
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

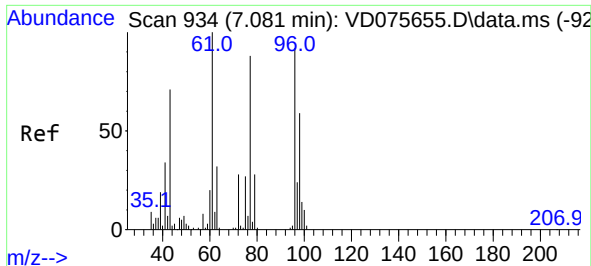
Tgt Ion: 43 Resp: 6191
Ion Ratio Lower Upper
43 100
72 28.1 19.8 29.8



#26
2,2-Dichloropropane
Concen: 3.429 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 77 Resp: 10838
Ion Ratio Lower Upper
77 100
97 12.4 11.1 33.1



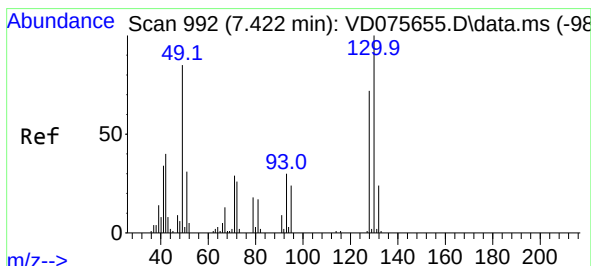
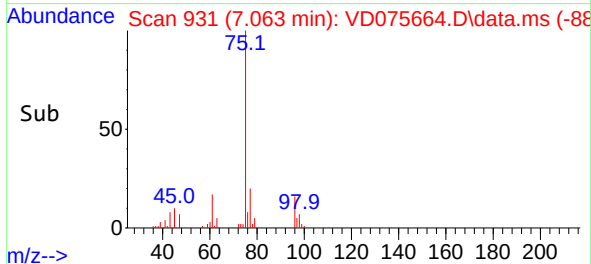
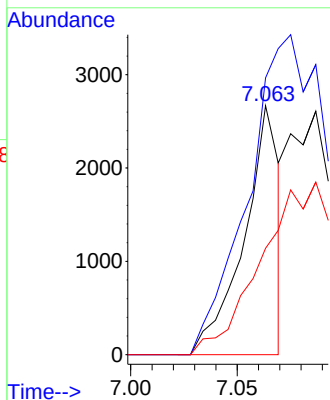
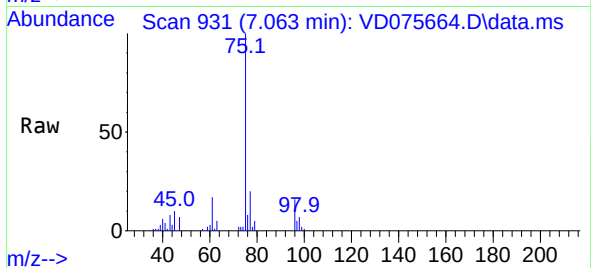


#27
 cis-1,2-Dichloroethene
 Concen: 1.143 ug/l
 RT: 7.063 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 96 Resp: 3084

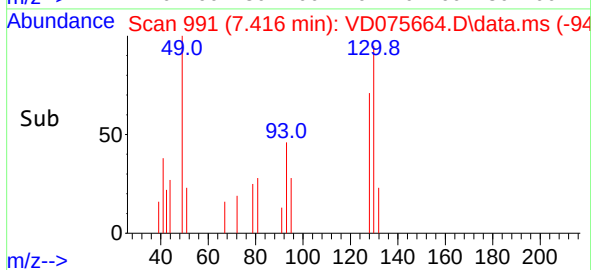
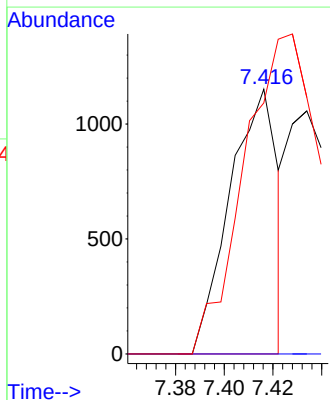
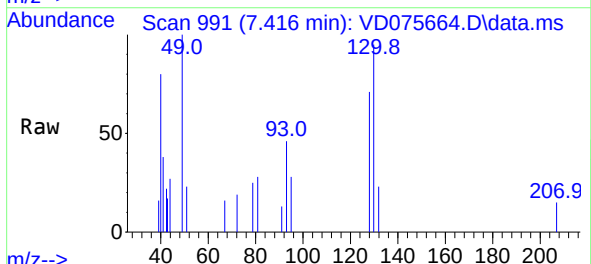
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	295.2
98	0.0	0.0	129.2

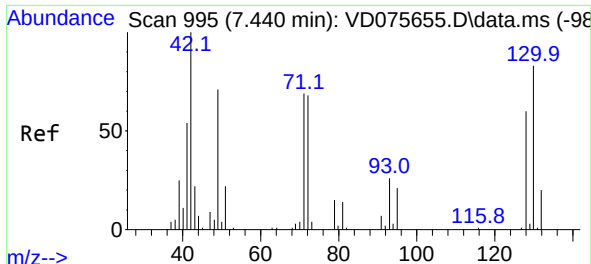


#28
 Bromochloromethane
 Concen: 1.432 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

Tgt Ion: 49 Resp: 1578

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	206.2	56.0	84.0

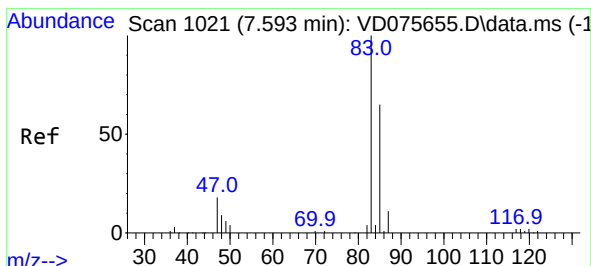
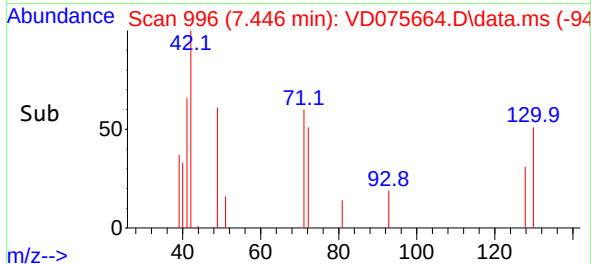
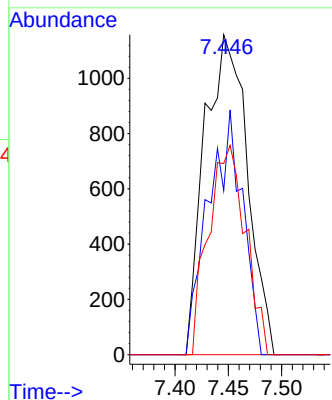
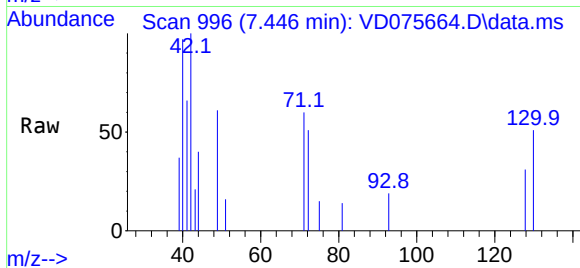




#29
Tetrahydrofuran
Concen: 14.456 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

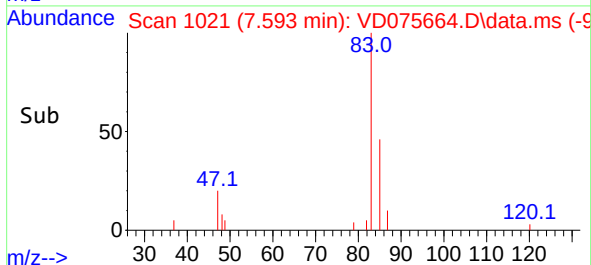
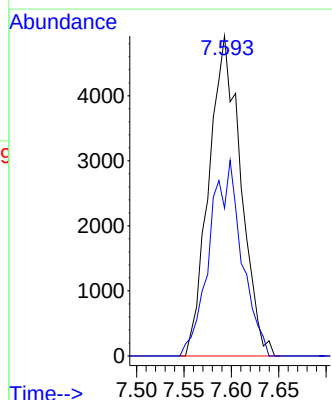
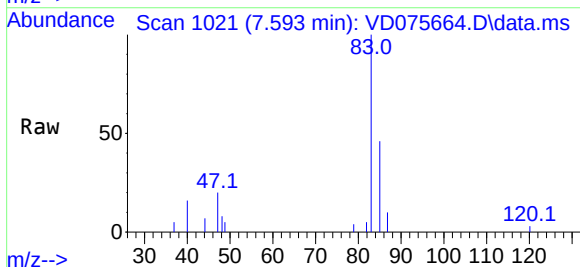
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

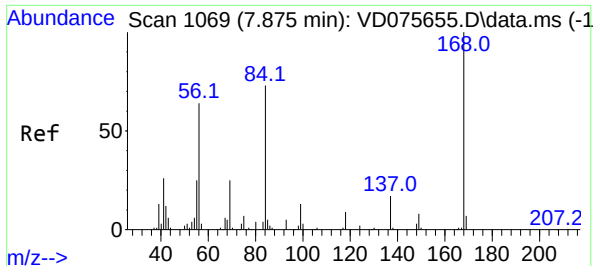
Tgt Ion: 42 Resp: 3231
Ion Ratio Lower Upper
42 100
72 61.3 31.8 47.6#
71 56.8 27.6 41.4#



#30
Chloroform
Concen: 2.917 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 83 Resp: 11531
Ion Ratio Lower Upper
83 100
85 46.2 49.4 74.2#

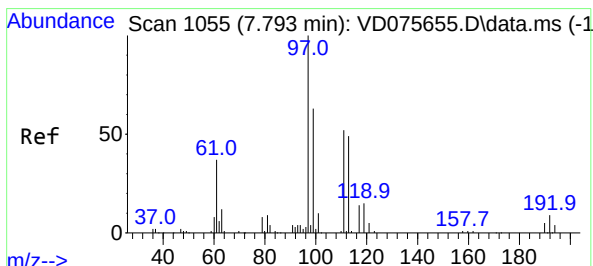
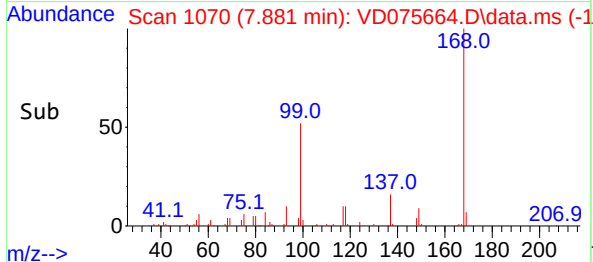
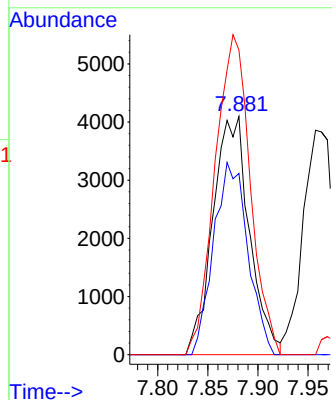
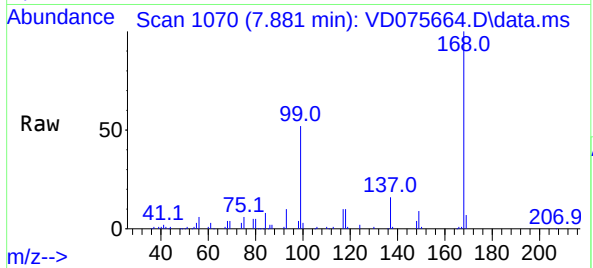




#31
Cyclohexane
Concen: 3.819 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

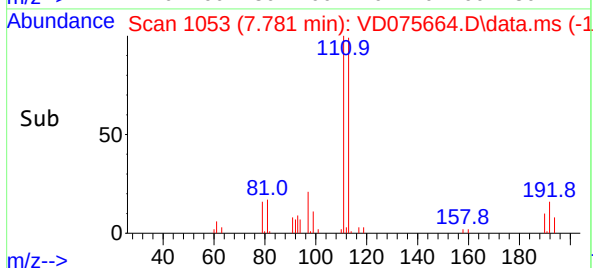
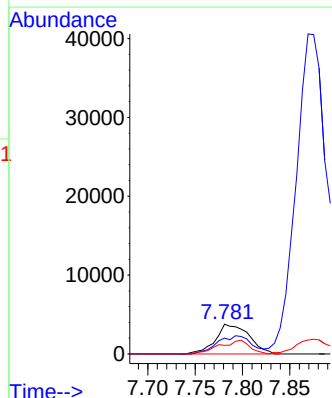
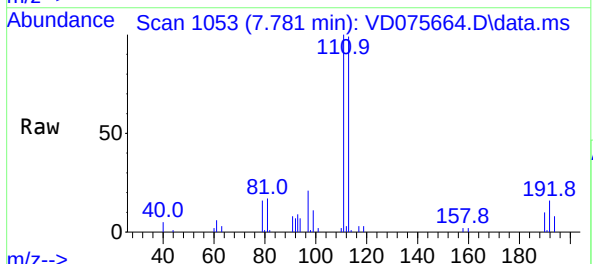
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

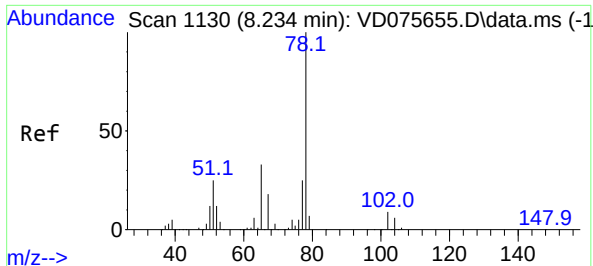
Tgt Ion: 56 Resp: 10385
Ion Ratio Lower Upper
56 100
69 76.1 25.5 38.3#
84 127.9 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 2.868 ug/l
RT: 7.781 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 97 Resp: 9242
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 41.8 36.6 55.0

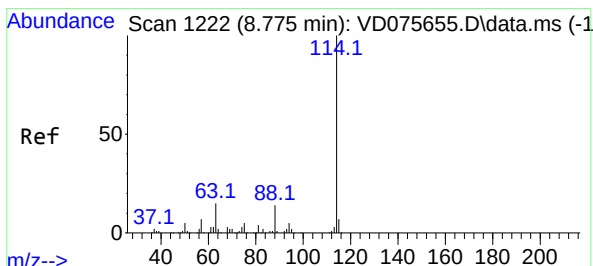
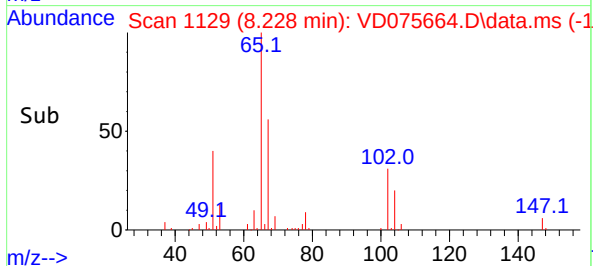
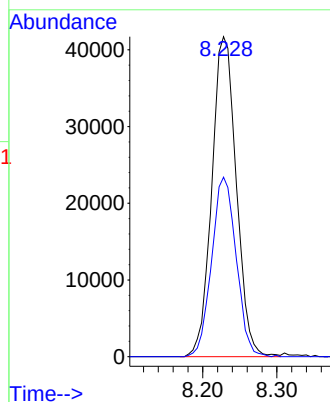
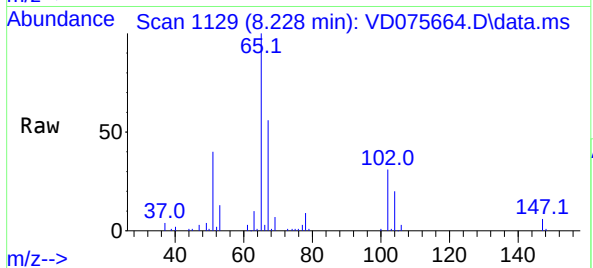




#33
1,2-Dichloroethane-d4
Concen: 55.212 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

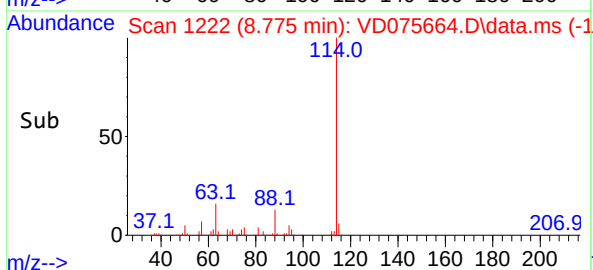
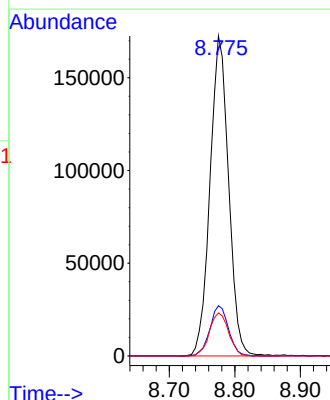
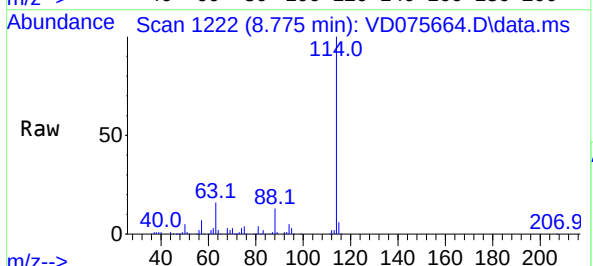
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

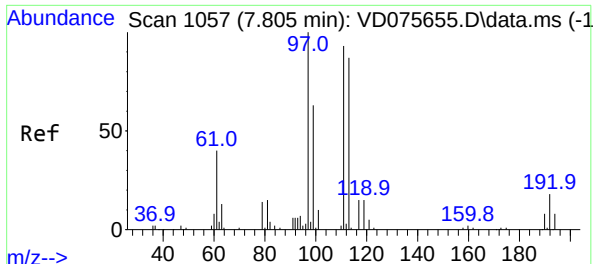
Tgt Ion: 65 Resp: 95668
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 114 Resp: 339567
Ion Ratio Lower Upper
114 100
63 15.7 0.0 41.6
88 13.4 0.0 30.6

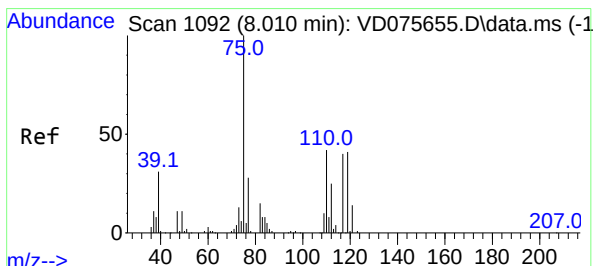
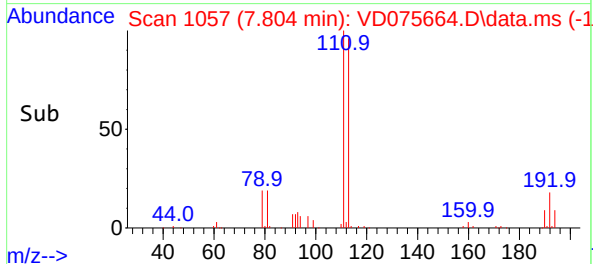
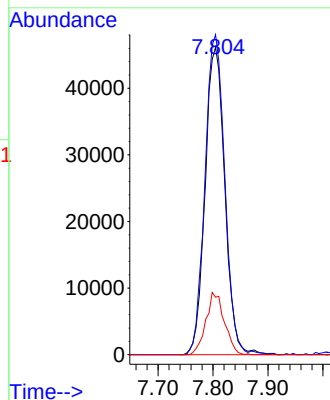
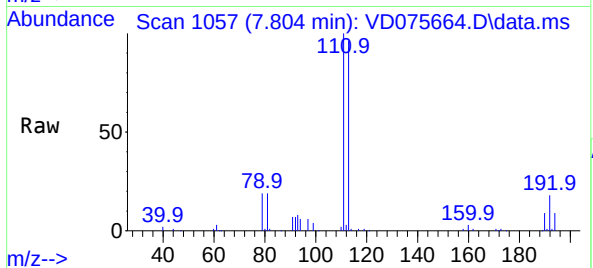




#35
Dibromofluoromethane
Concen: 50.394 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

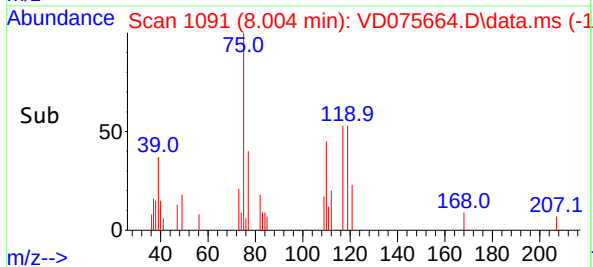
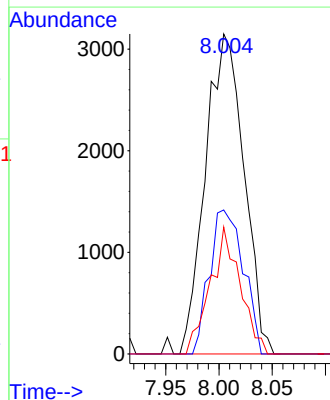
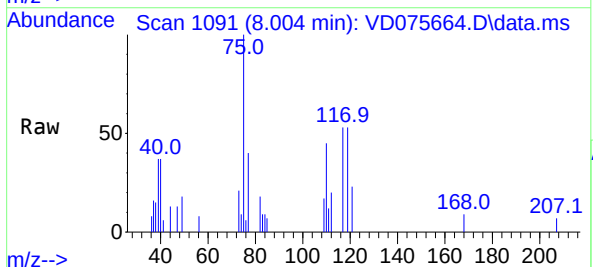
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

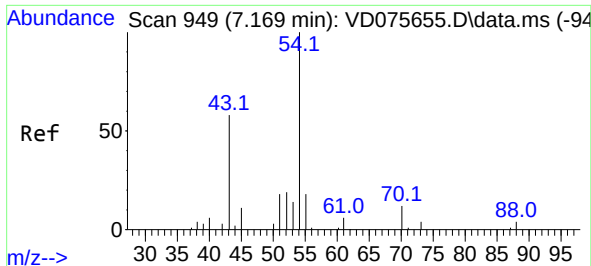
Tgt Ion:113 Resp: 115095
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 2.514 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 75 Resp: 7921
Ion Ratio Lower Upper
75 100
110 39.7 17.1 51.2
77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 3.048 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

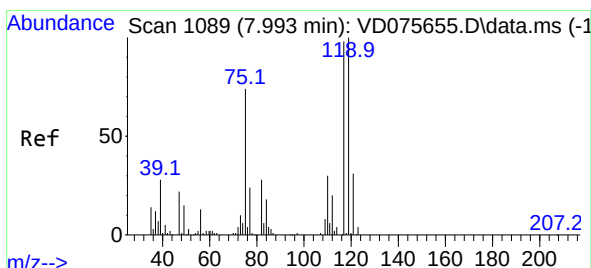
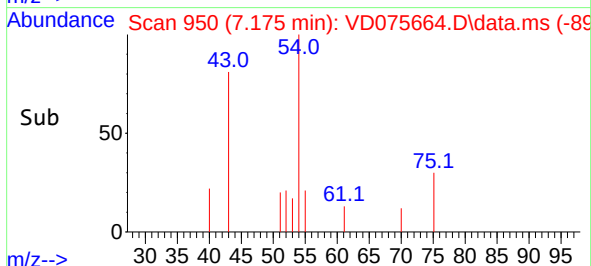
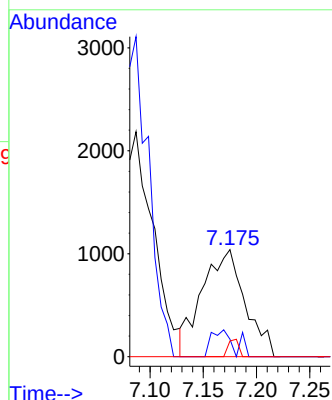
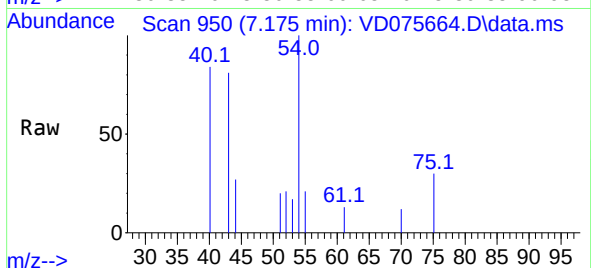
Tgt Ion: 43 Resp: 2923

Ion Ratio Lower Upper

43 100

61 10.6 0.0 0.0#

70 3.9 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 2.461 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

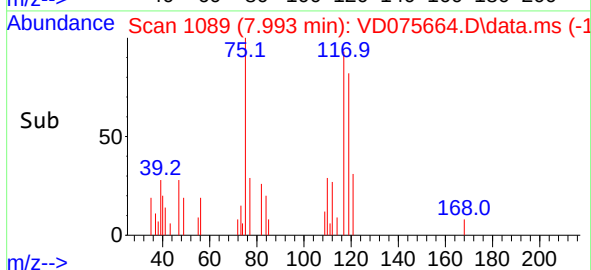
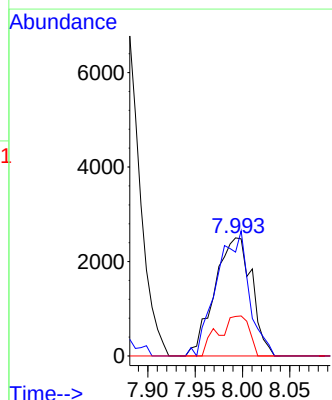
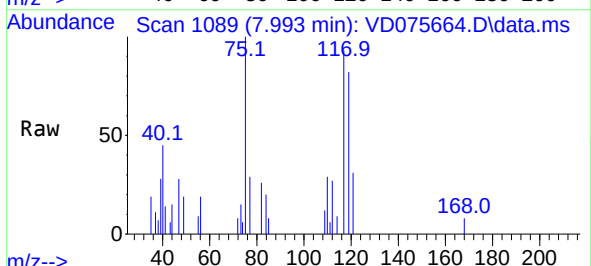
Tgt Ion: 117 Resp: 6828

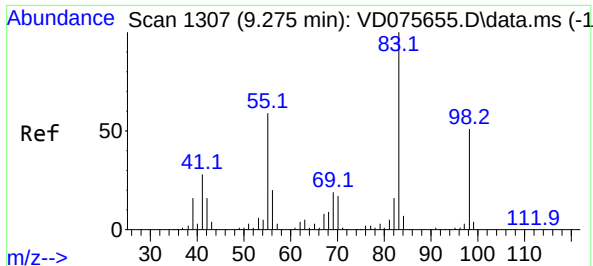
Ion Ratio Lower Upper

117 100

119 87.9 74.7 112.1

121 33.5 25.9 38.9





#39

Methylcyclohexane

Concen: 2.362 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

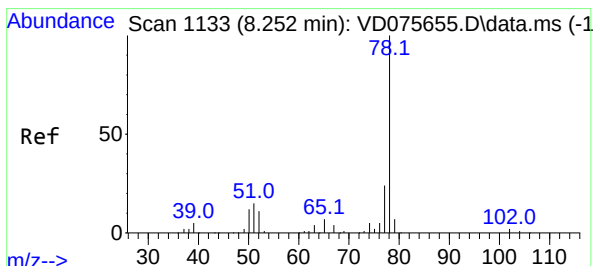
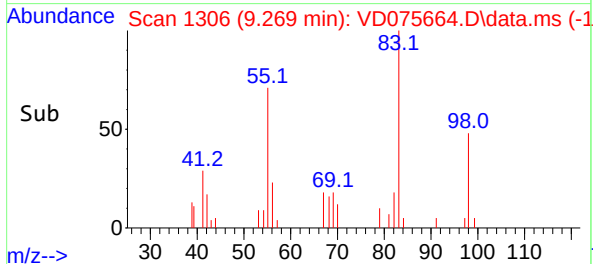
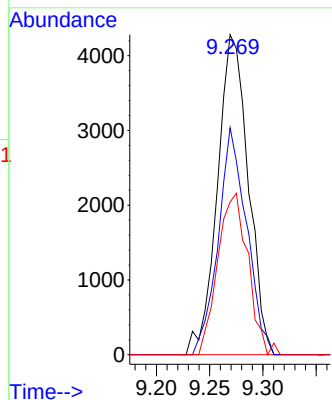
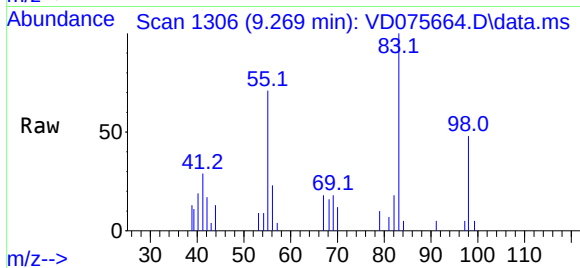
Tgt Ion: 83 Resp: 8605

Ion Ratio Lower Upper

83 100

55 70.9 56.8 85.2

98 47.7 38.9 58.3



#40

Benzene

Concen: 2.535 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075664.D

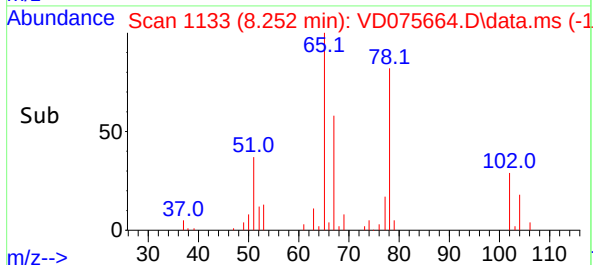
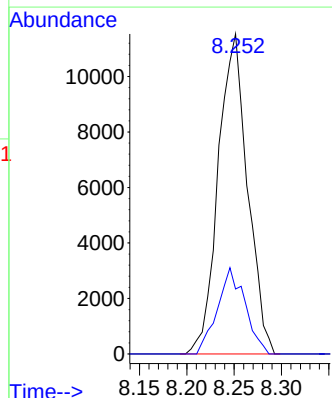
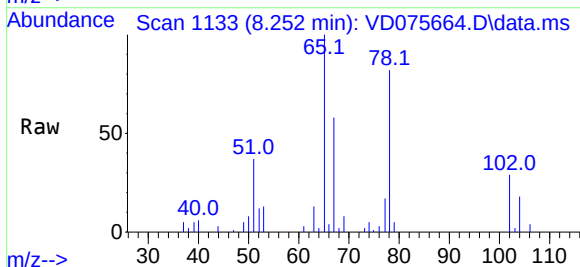
Acq: 13 Apr 2023 17:01

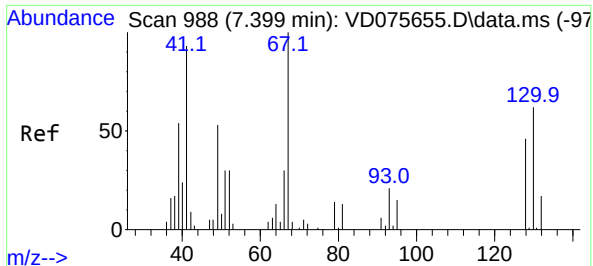
Tgt Ion: 78 Resp: 24834

Ion Ratio Lower Upper

78 100

77 20.3 19.1 28.7



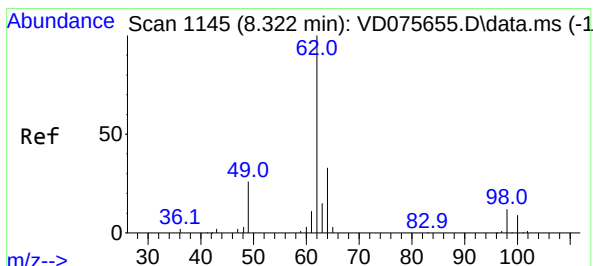
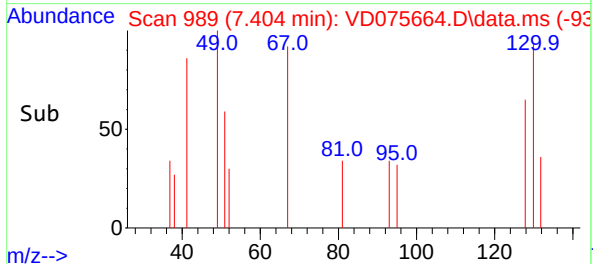
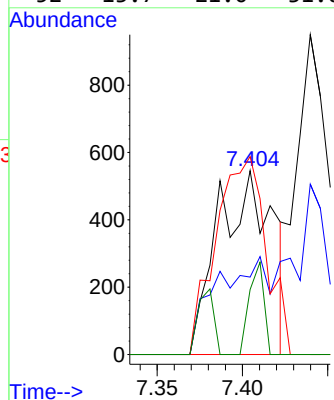
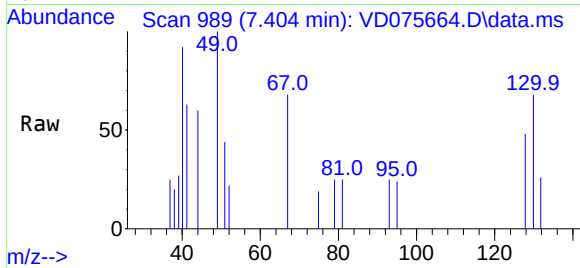


#41
Methacrylonitrile
Concen: 2.621 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 41 Resp: 1206

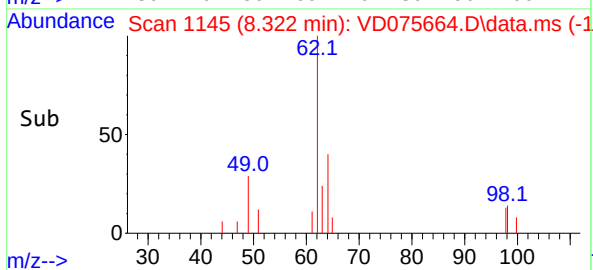
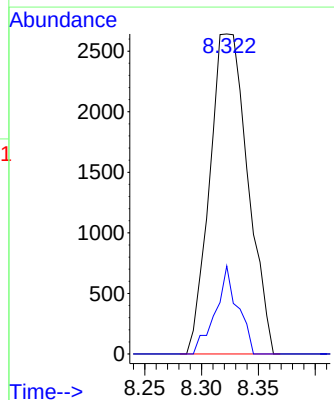
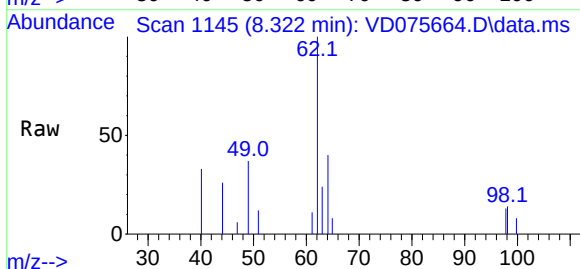
Ion	Ratio	Lower	Upper
41	100		
39	50.4	45.3	67.9
67	99.5	50.5	75.7#
52	13.7	21.0	31.6#

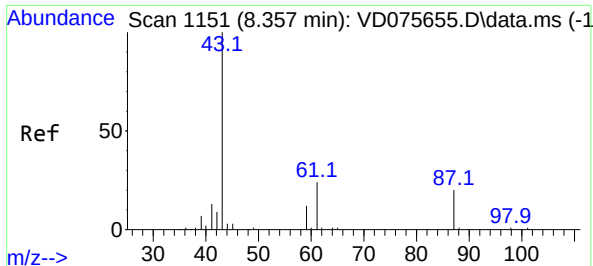


#42
1,2-Dichloroethane
Concen: 2.772 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 62 Resp: 6167

Ion	Ratio	Lower	Upper
62	100		
98	16.1	0.0	18.8

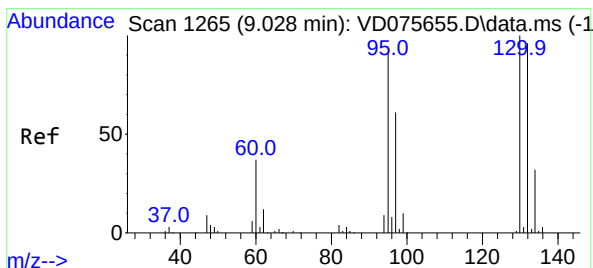
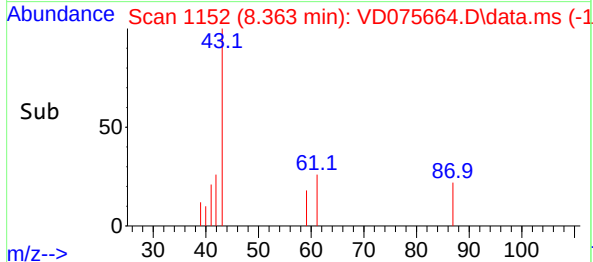
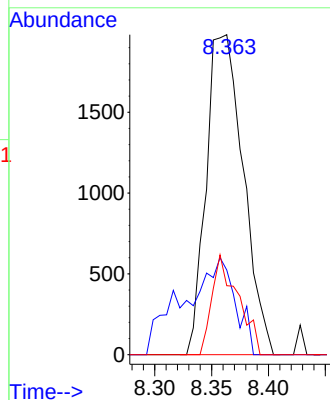
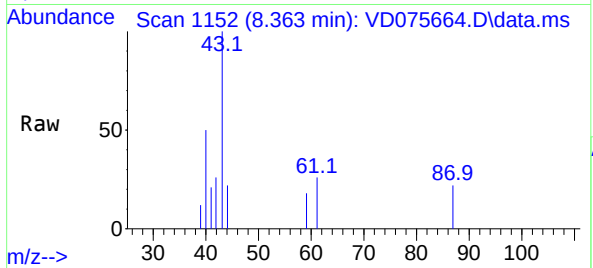




#43
Isopropyl Acetate
Concen: 2.571 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

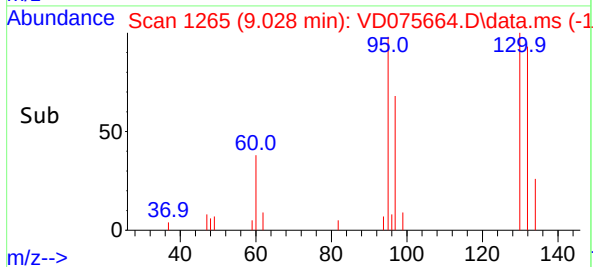
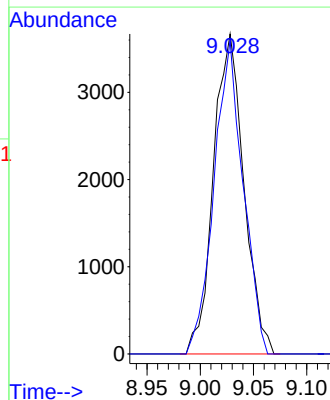
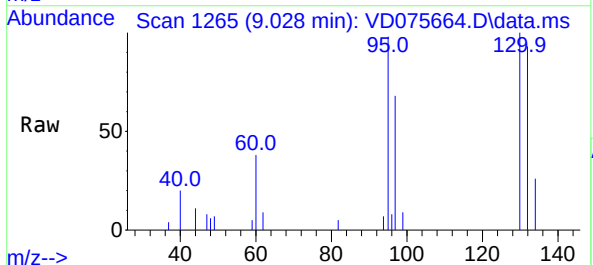
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

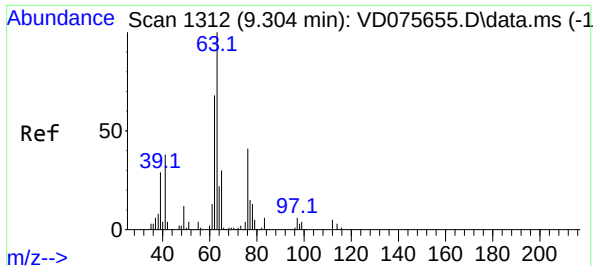
Tgt Ion: 43 Resp: 4496
Ion Ratio Lower Upper
43 100
61 26.2 23.4 35.0
87 22.0 9.5 14.3#



#44
Trichloroethene
Concen: 2.625 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:130 Resp: 7278
Ion Ratio Lower Upper
130 100
95 98.0 0.0 197.6

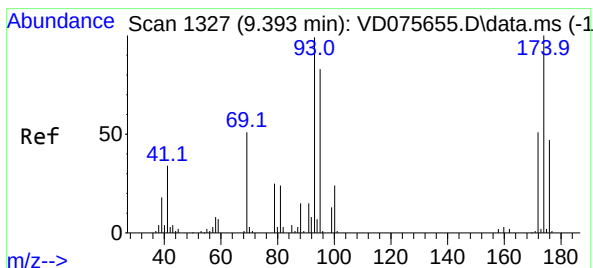
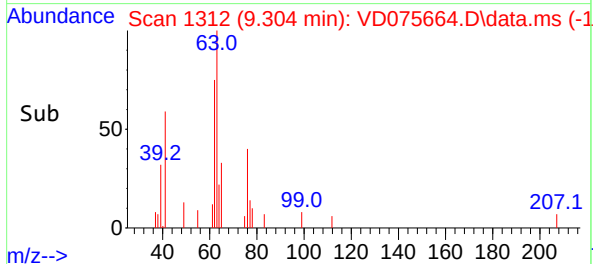
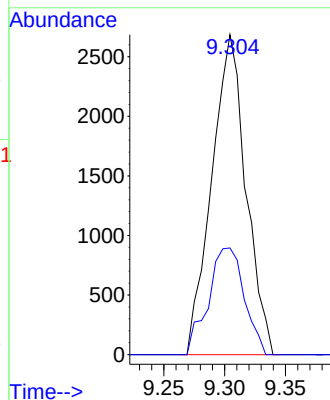
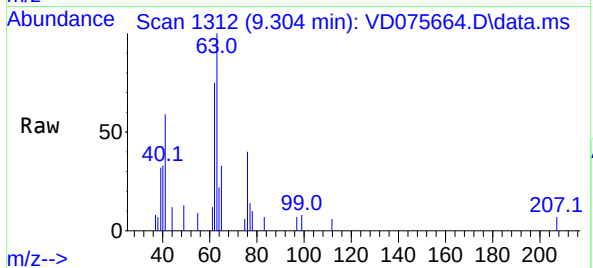




#45
1,2-Dichloropropane
Concen: 2.391 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

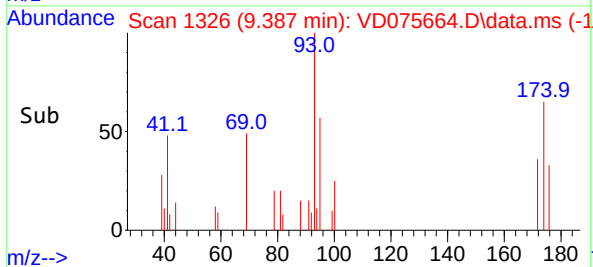
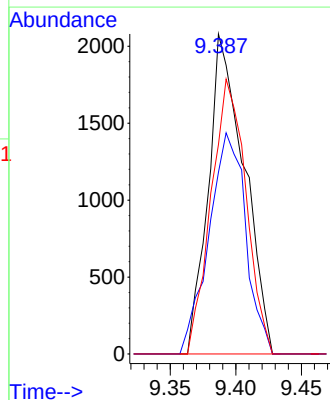
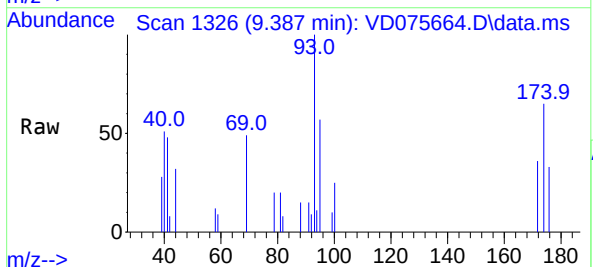
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

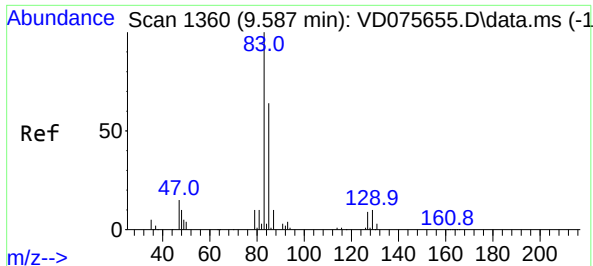
Tgt Ion: 63 Resp: 5248
Ion Ratio Lower Upper
63 100
65 33.3 23.0 34.4



#46
Dibromomethane
Concen: 2.837 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 93 Resp: 3951
Ion Ratio Lower Upper
93 100
95 70.8 64.5 96.7
174 83.7 76.2 114.4

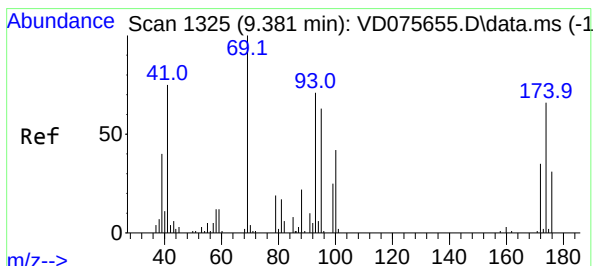
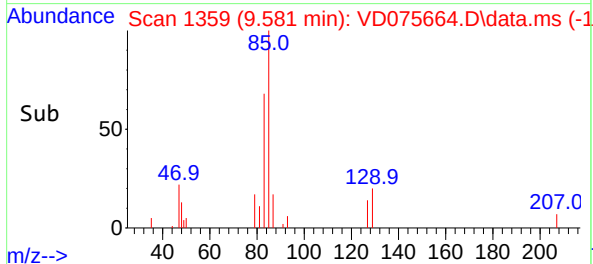
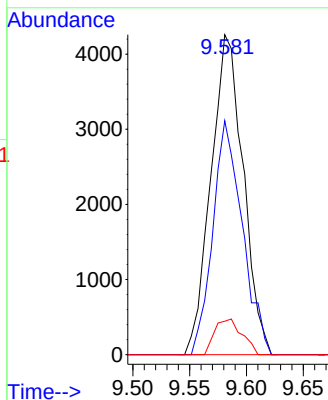
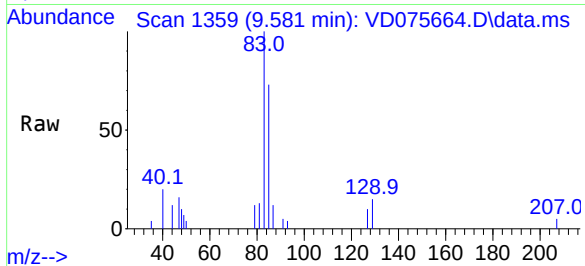




#47
Bromodichloromethane
Concen: 2.642 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

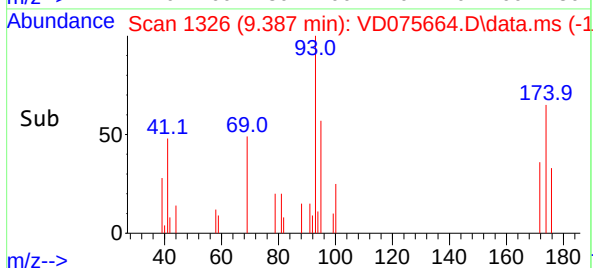
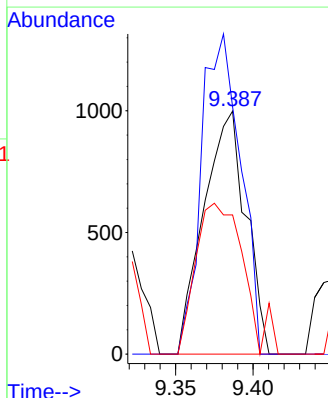
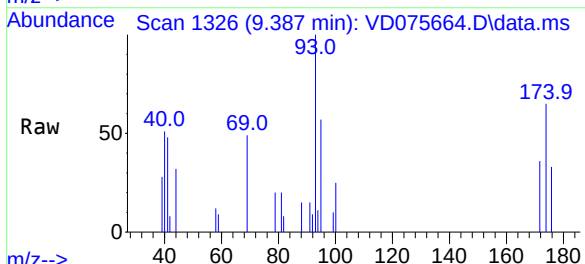
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

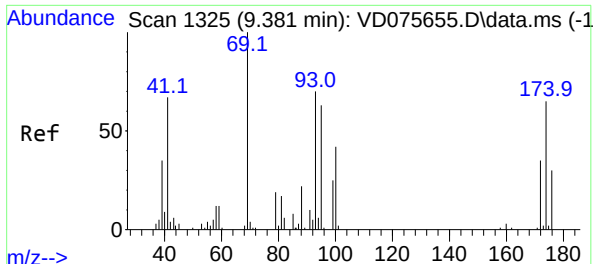
Tgt Ion: 83	Resp:	8415
Ion Ratio	Lower	Upper
83	100	
85	73.1	53.7 80.5
127	10.4	7.0 10.6



#48
Methyl methacrylate
Concen: 2.430 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 41	Resp:	1893
Ion Ratio	Lower	Upper
41	100	
69	122.3	58.6 88.0#
39	70.9	53.4 80.0

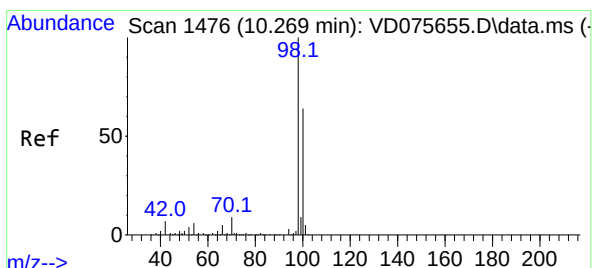
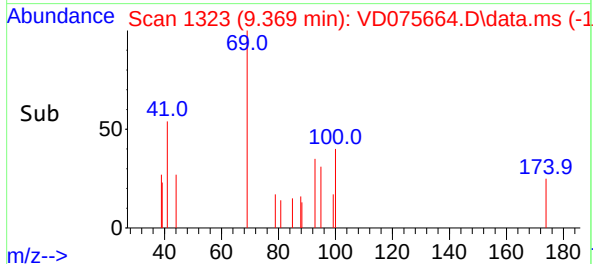
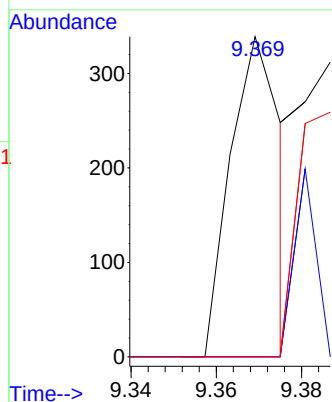
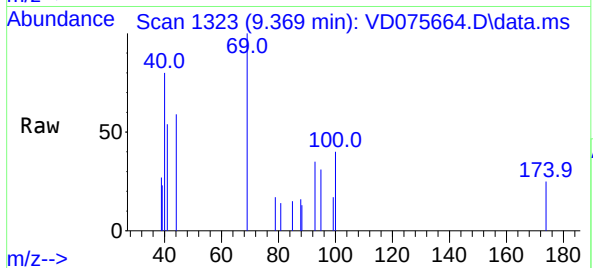




#49
1,4-Dioxane
Concen: 20.484 ug/l
RT: 9.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

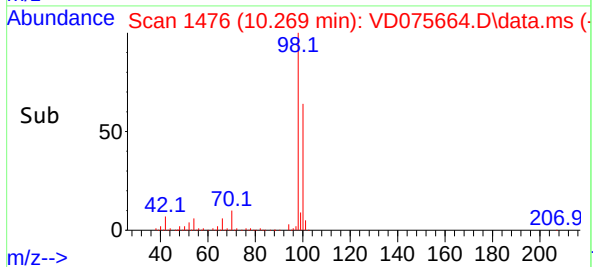
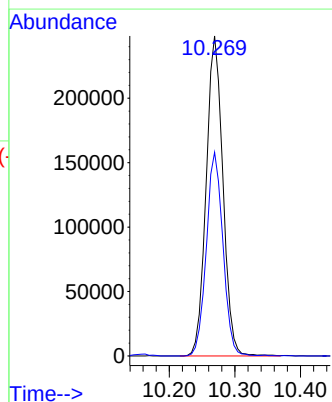
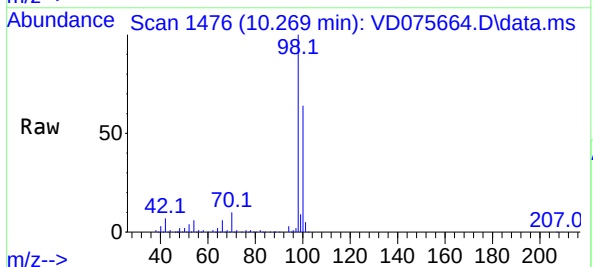
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

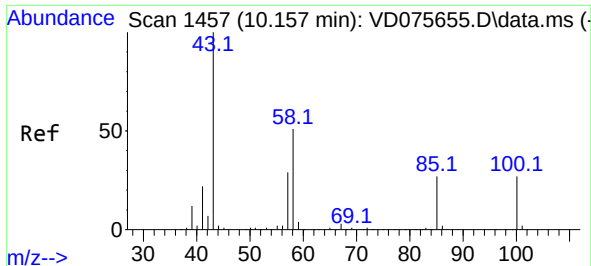
Tgt Ion: 88 Resp: 283
Ion Ratio Lower Upper
88 100
43 0.0 34.6 51.8#
58 88.3 58.0 87.0#



#50
Toluene-d8
Concen: 48.172 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 98 Resp: 440588
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

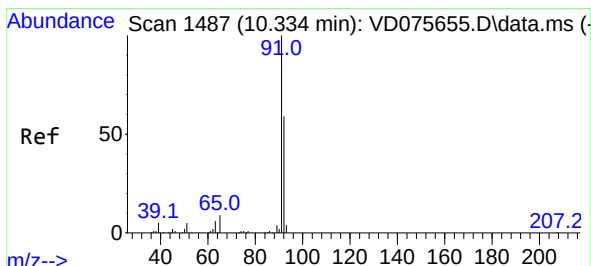
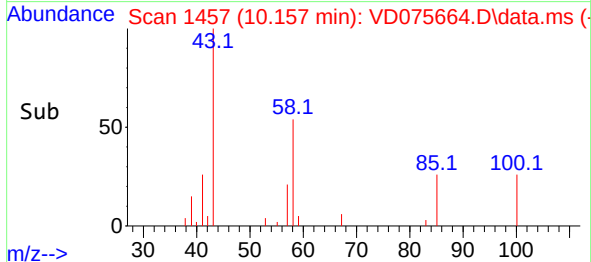
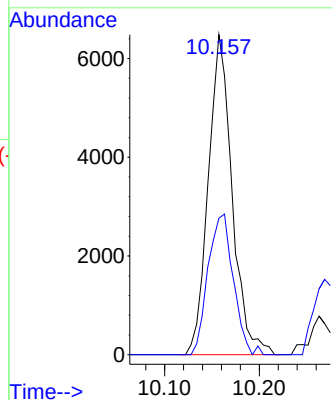
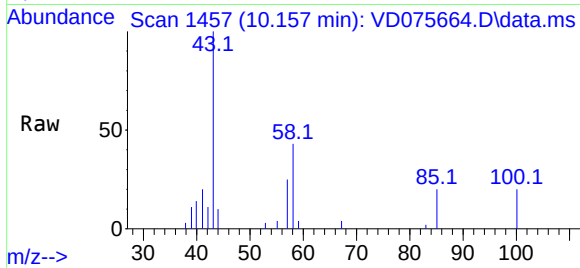




#51
4-Methyl-2-Pentanone
Concen: 12.149 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

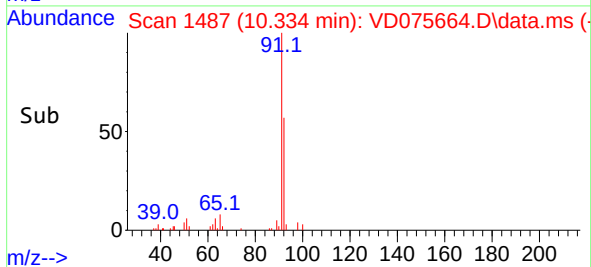
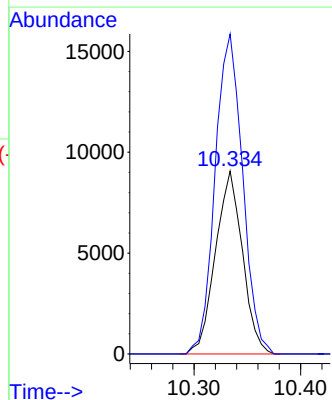
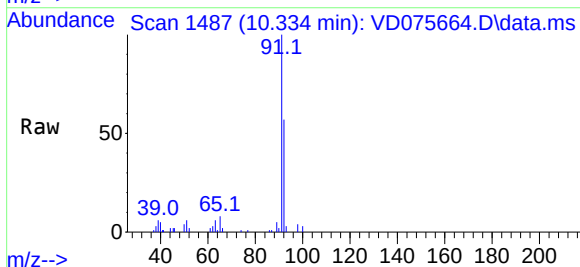
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

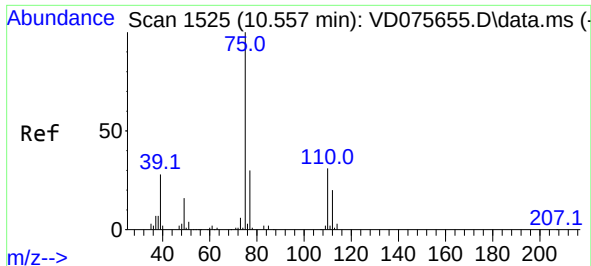
Tgt Ion: 43 Resp: 11326
Ion Ratio Lower Upper
43 100
58 46.4 29.5 44.3#



#52
Toluene
Concen: 2.452 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 92 Resp: 15970
Ion Ratio Lower Upper
92 100
91 178.2 136.5 204.7

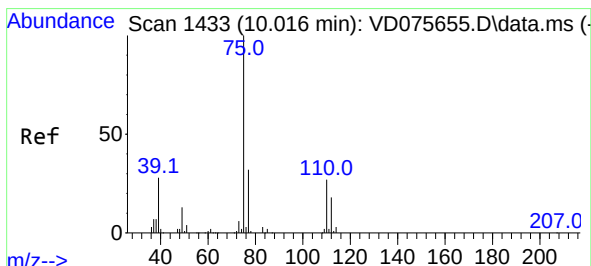
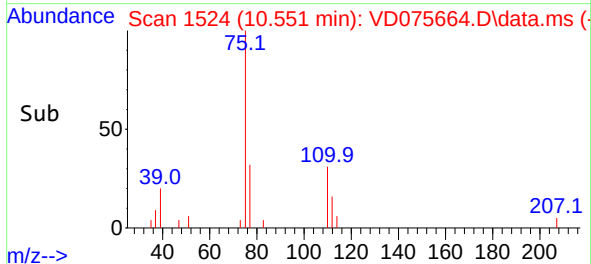
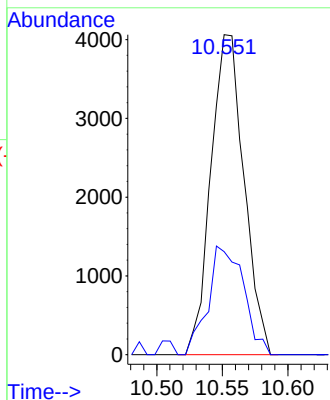
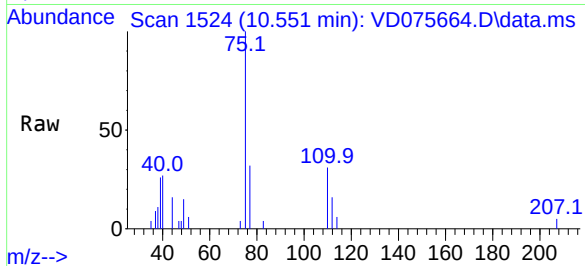




#53
 t-1,3-Dichloropropene
 Concen: 2.335 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

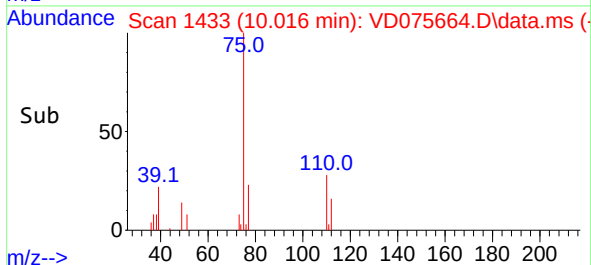
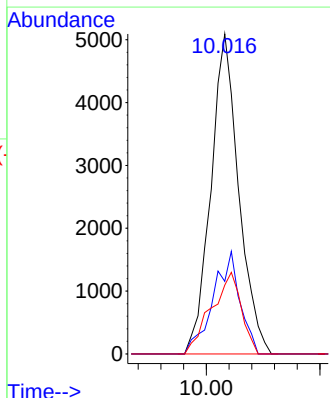
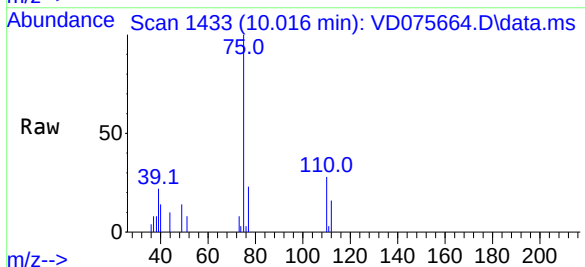
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

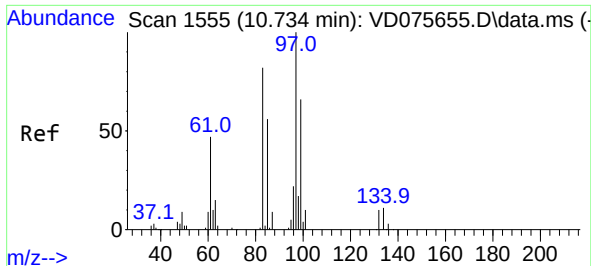
Tgt Ion: 75 Resp: 7129
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.396 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

Tgt Ion: 75 Resp: 8693
 Ion Ratio Lower Upper
 75 100
 77 22.7 25.6 38.4#
 39 21.5 44.8 67.2#

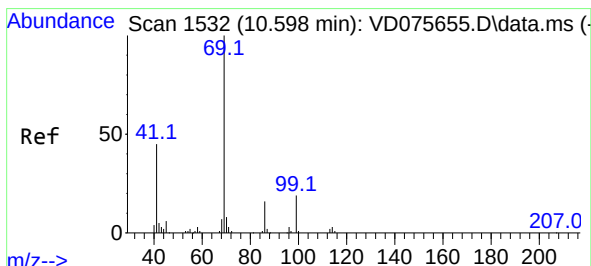
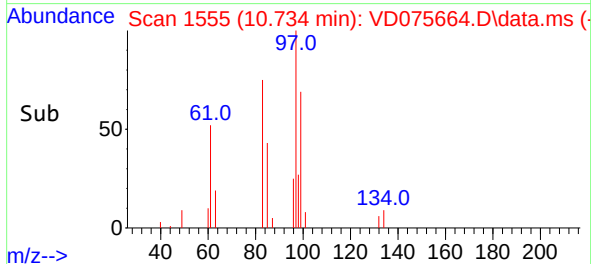
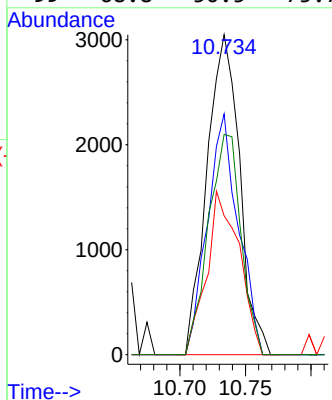
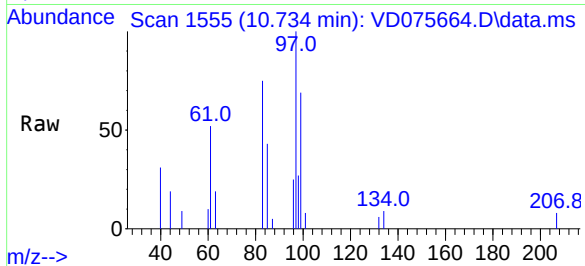




#55
1,1,2-Trichloroethane
Concen: 2.625 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

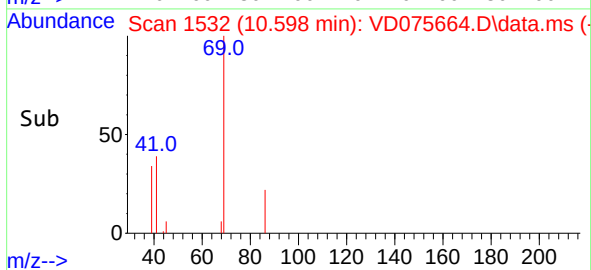
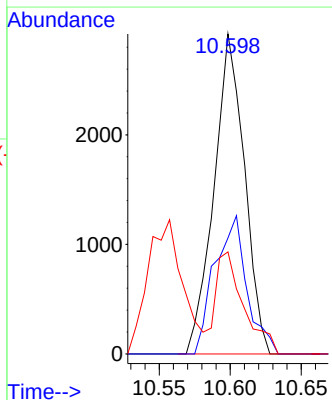
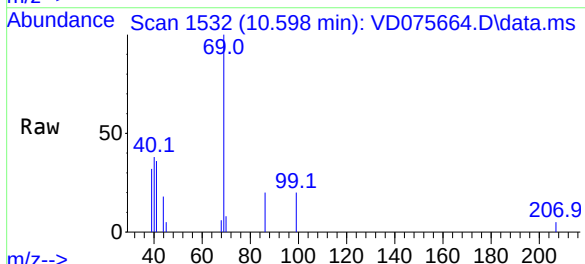
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

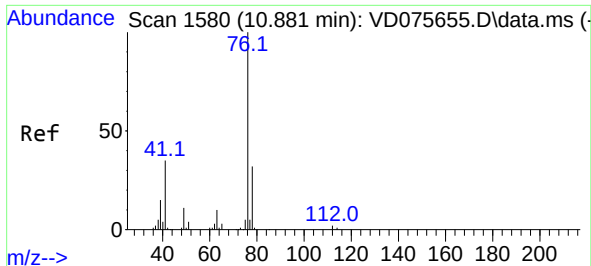
Tgt Ion:	97	Resp:	5293
Ion	Ratio	Lower	Upper
97	100		
83	75.2	74.2	111.4
85	43.4	45.4	68.0#
99	68.8	50.5	75.7



#56
Ethyl methacrylate
Concen: 2.198 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:	69	Resp:	4361
Ion	Ratio	Lower	Upper
69	100		
41	45.7	59.3	88.9#
39	29.7	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 2.402 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

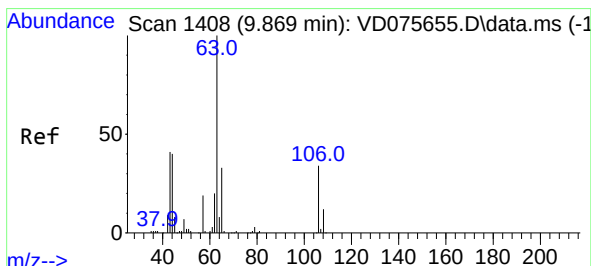
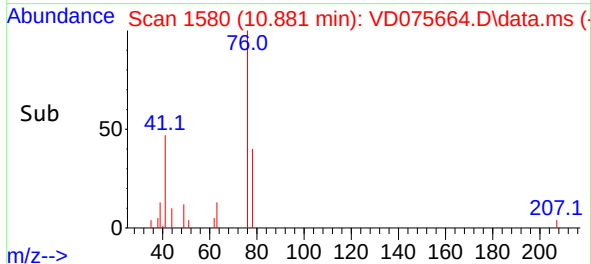
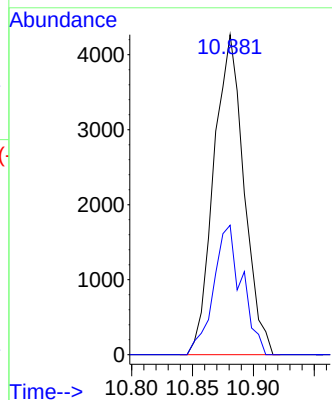
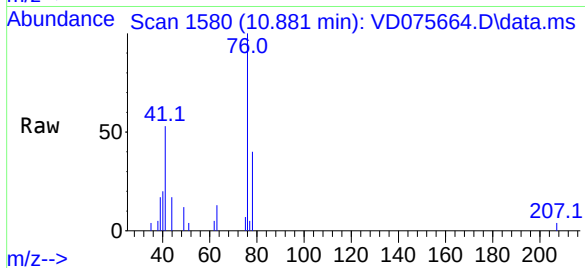
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 76 Resp: 7352

Ion Ratio Lower Upper

76 100

78 38.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 10.687 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075664.D

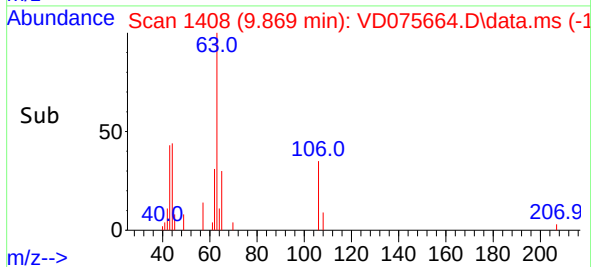
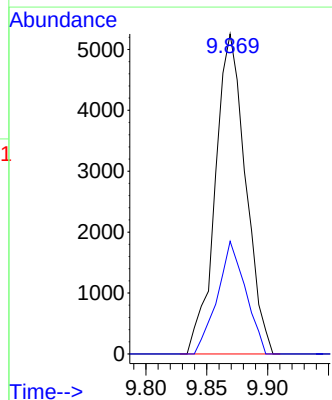
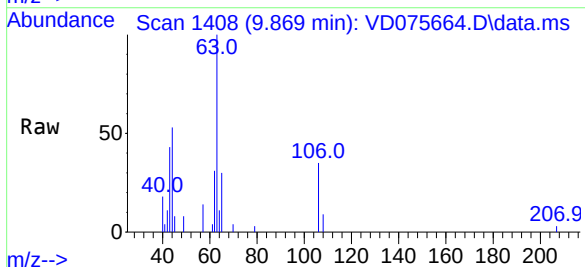
Acq: 13 Apr 2023 17:01

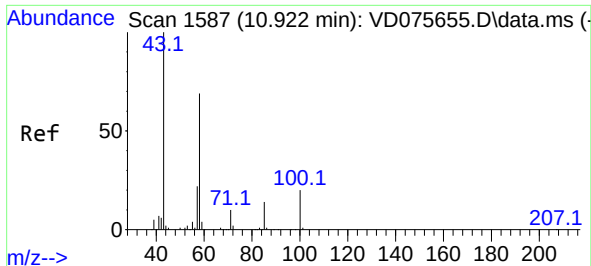
Tgt Ion: 63 Resp: 9107

Ion Ratio Lower Upper

63 100

106 32.7 21.4 32.2#

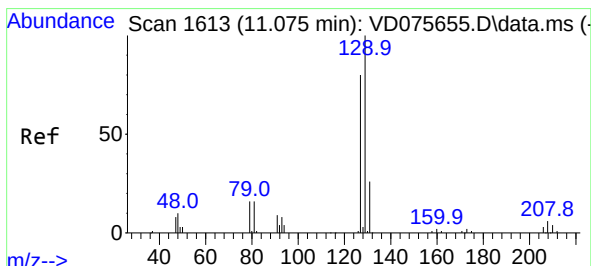
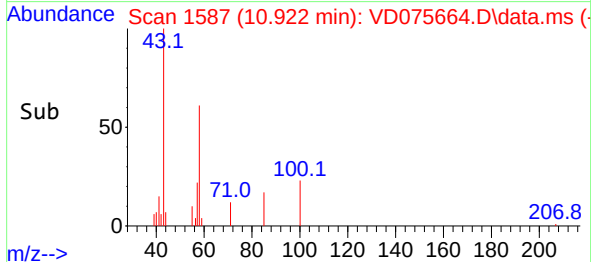
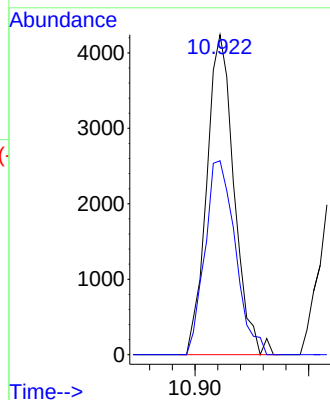
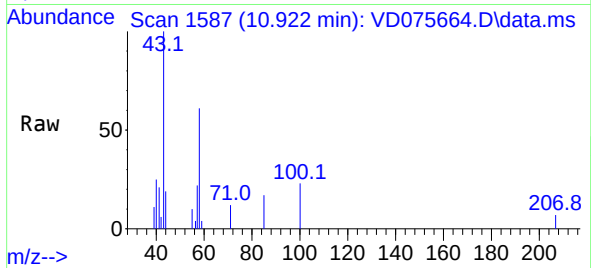




#59
2-Hexanone
Concen: 10.807 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

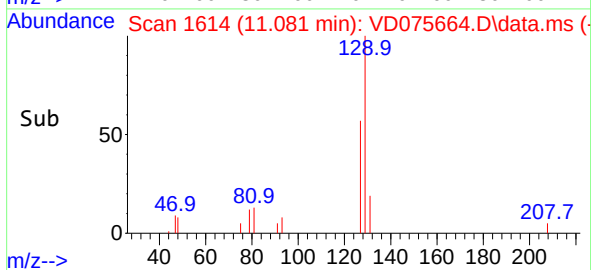
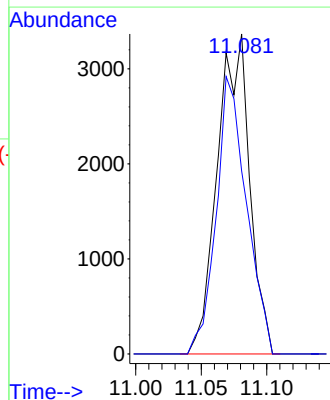
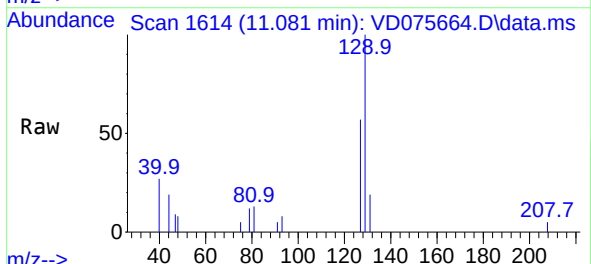
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

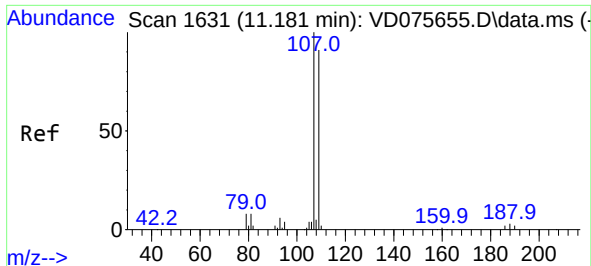
Tgt Ion: 43 Resp: 7084
Ion Ratio Lower Upper
43 100
58 67.3 25.3 75.8



#60
Dibromochloromethane
Concen: 2.435 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 129 Resp: 5746
Ion Ratio Lower Upper
129 100
127 81.6 38.1 114.5

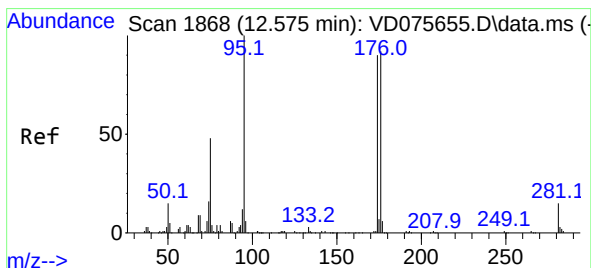
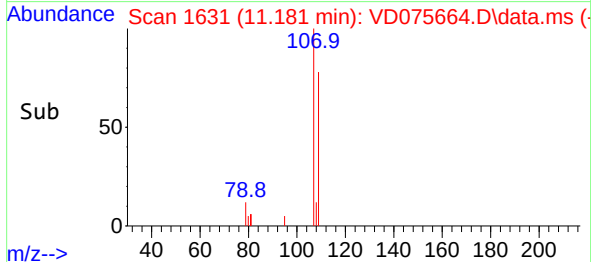
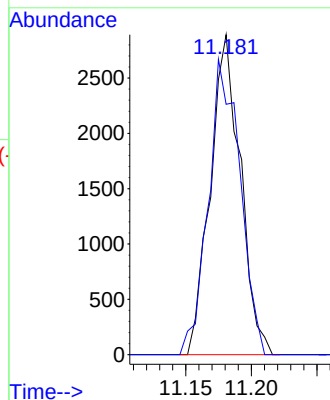
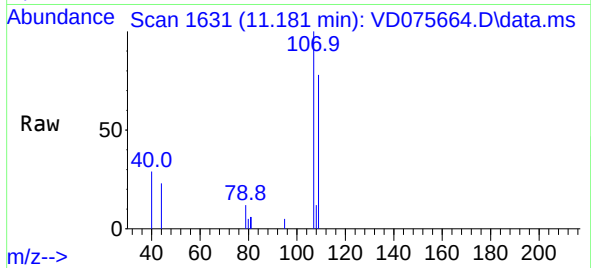




#61
1,2-Dibromoethane
Concen: 2.398 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

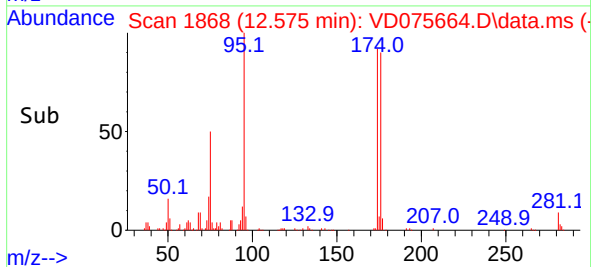
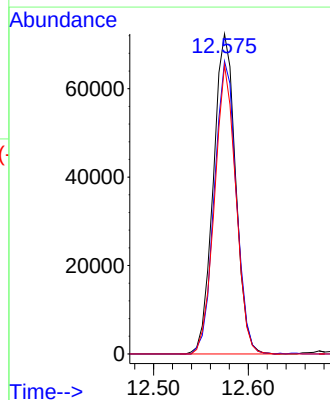
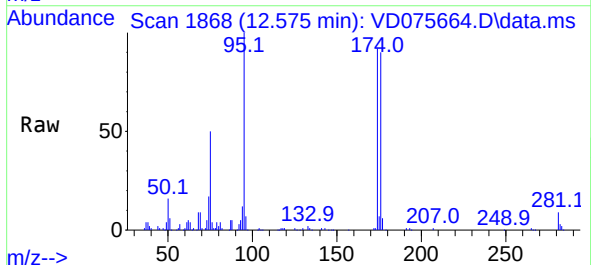
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

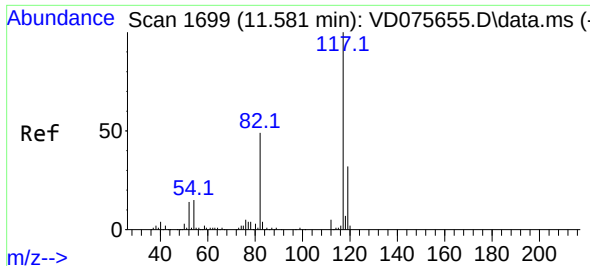
Tgt Ion:107 Resp: 4612
Ion Ratio Lower Upper
107 100
109 97.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.671 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 95 Resp: 118320
Ion Ratio Lower Upper
95 100
174 89.9 0.0 164.0
176 86.4 0.0 156.8

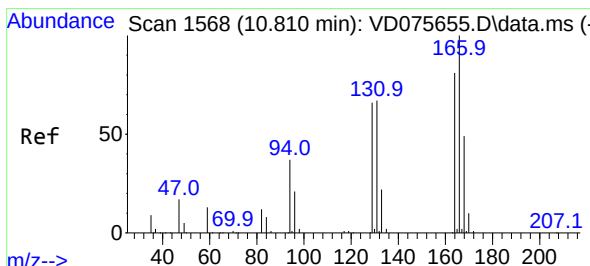
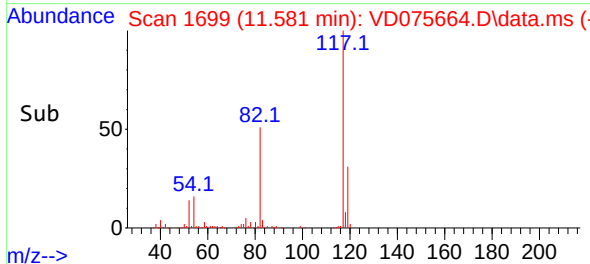
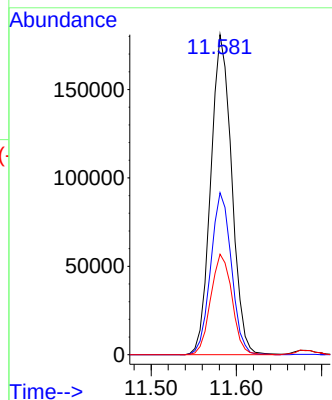
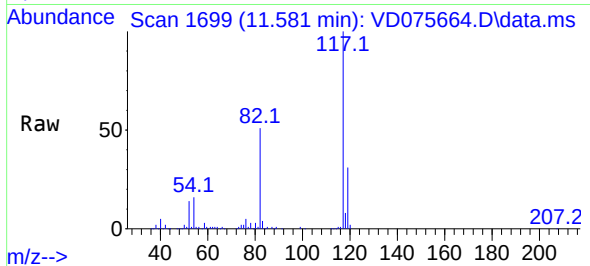




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

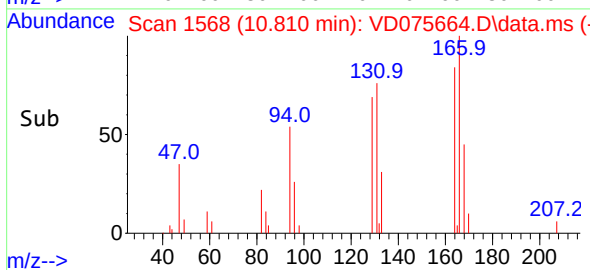
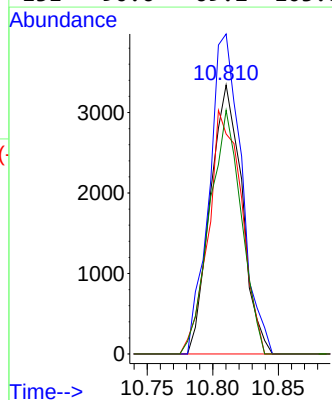
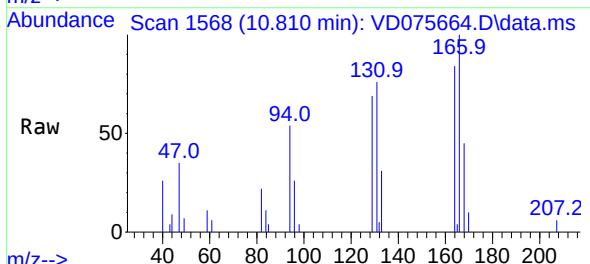
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

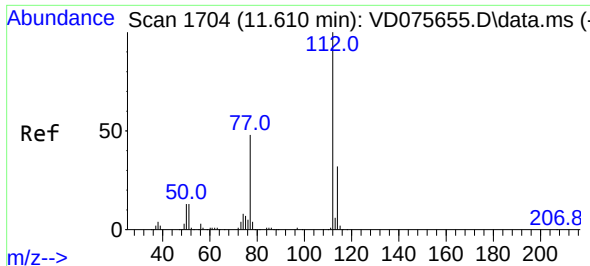
Tgt Ion:	117	Resp:	309161
Ion	Ratio	Lower	Upper
117	100		
82	50.6	44.0	66.0
119	31.4	25.1	37.7



#64
Tetrachloroethene
Concen: 2.525 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:	164	Resp:	5622
Ion	Ratio	Lower	Upper
164	100		
166	119.0	94.9	142.3
129	81.8	73.0	109.6
131	90.6	69.2	103.8

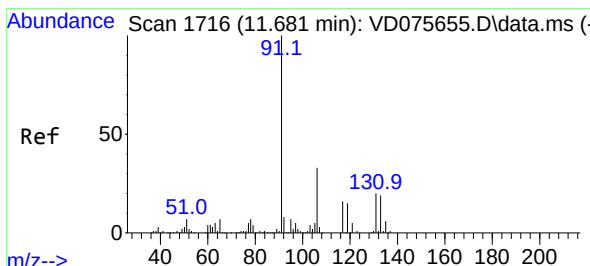
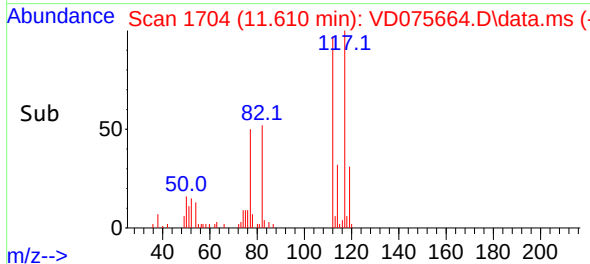
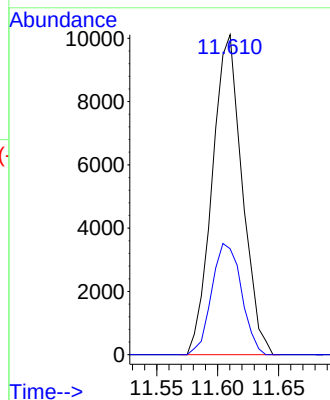
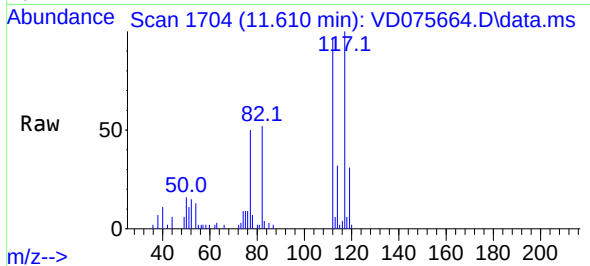




#65
Chlorobenzene
Concen: 2.614 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

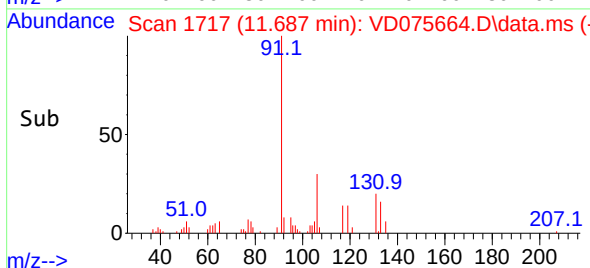
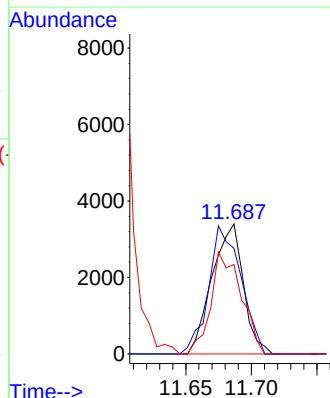
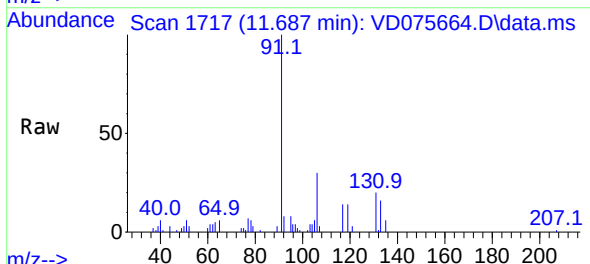
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

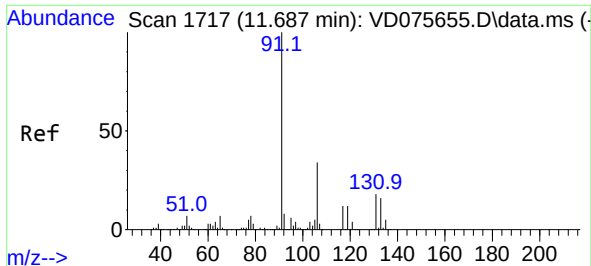
Tgt Ion:112 Resp: 17307
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.475 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:131 Resp: 5635
Ion Ratio Lower Upper
131 100
133 102.0 46.7 140.0
119 76.4 31.9 95.9

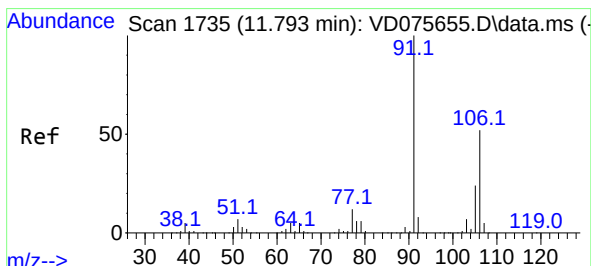
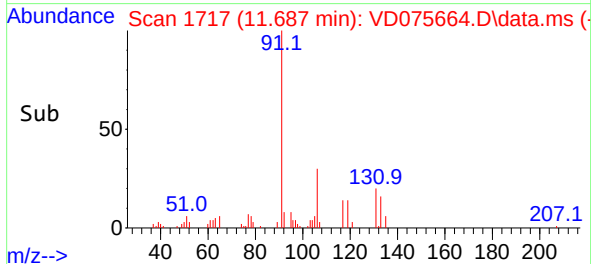
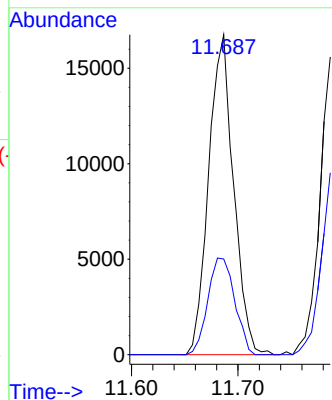
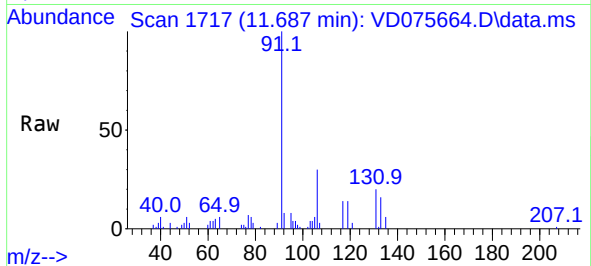




#67
Ethyl Benzene
Concen: 2.531 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

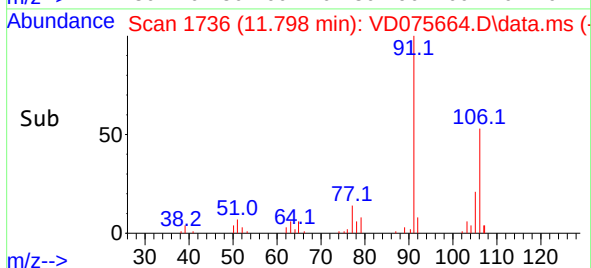
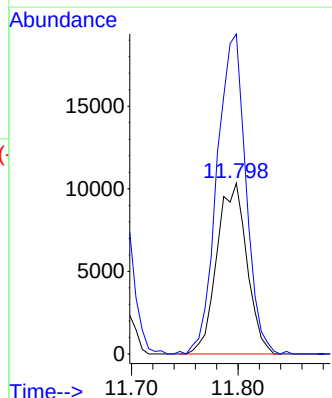
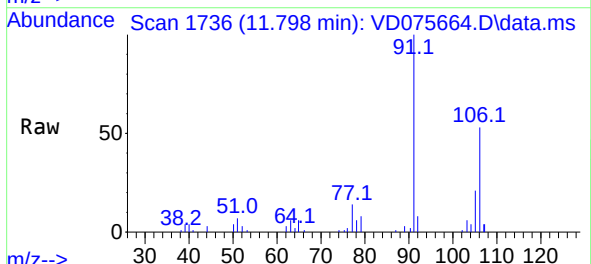
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

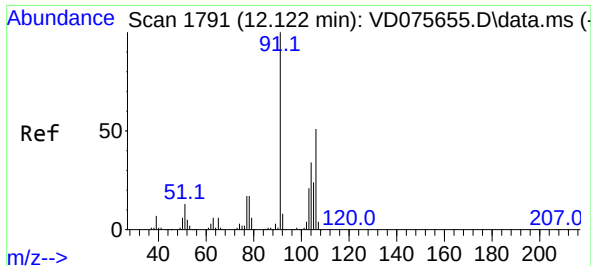
Tgt Ion: 91 Resp: 27199
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 4.585 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 106 Resp: 20193
Ion Ratio Lower Upper
106 100
91 180.9 161.5 242.3

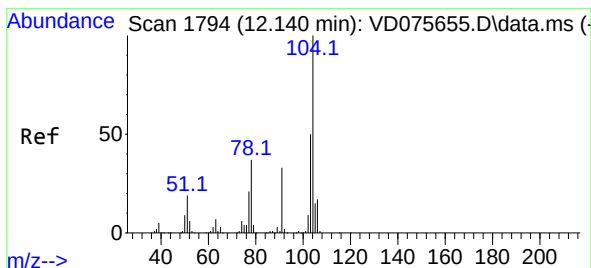
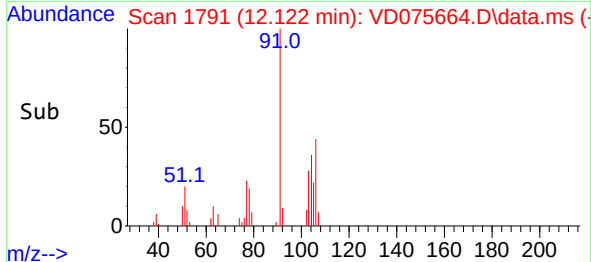
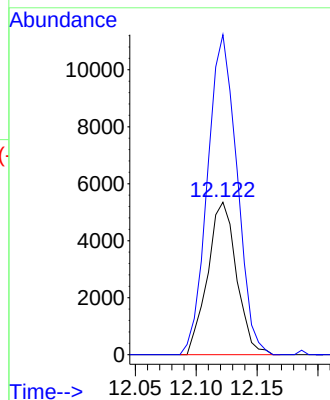
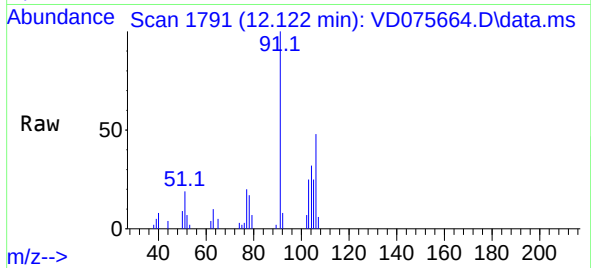




#69
o-Xylene
Concen: 2.223 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

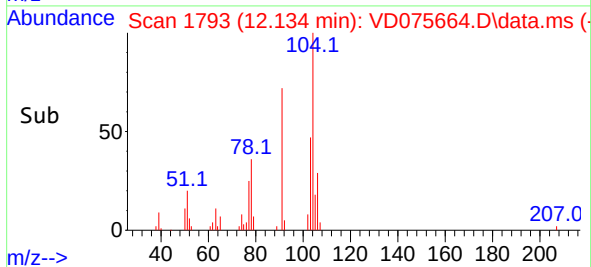
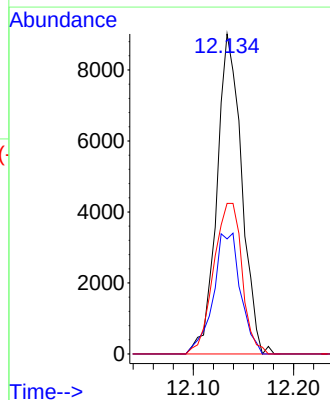
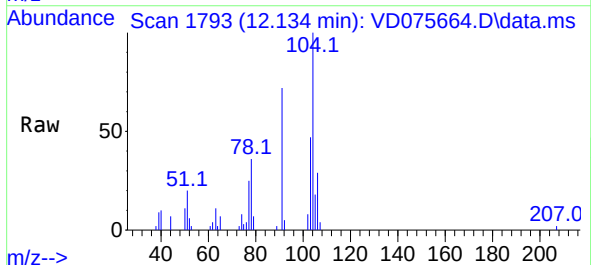
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

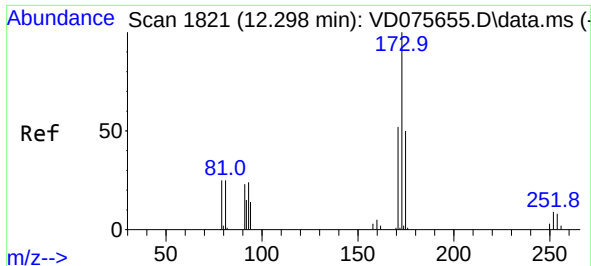
Tgt Ion:106 Resp: 8853
Ion Ratio Lower Upper
106 100
91 213.8 105.7 317.1



#70
Styrene
Concen: 2.557 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:104 Resp: 15454
Ion Ratio Lower Upper
104 100
78 41.6 40.2 60.4
103 53.8 44.2 66.2

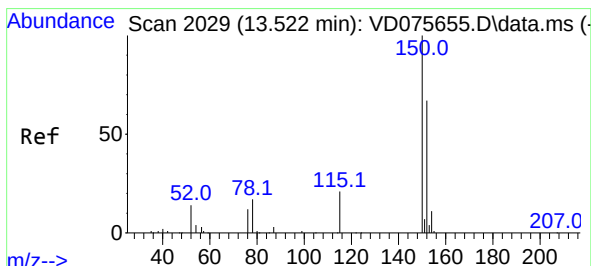
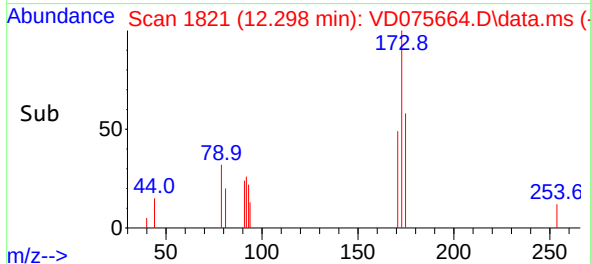
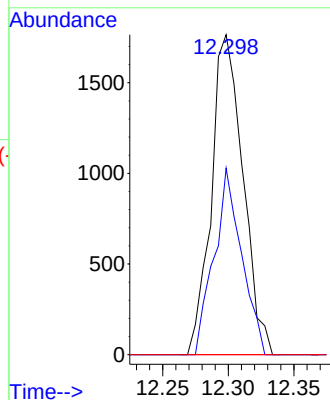
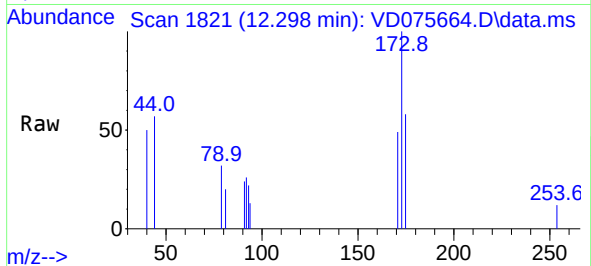




#71
Bromoform
Concen: 2.485 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

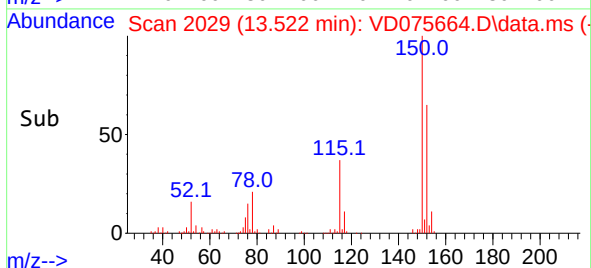
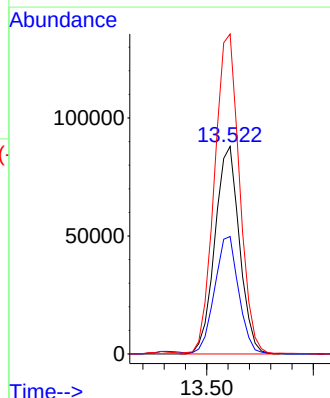
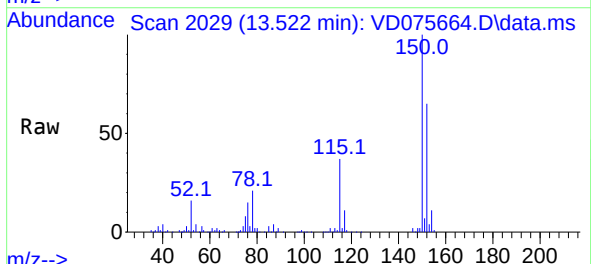
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

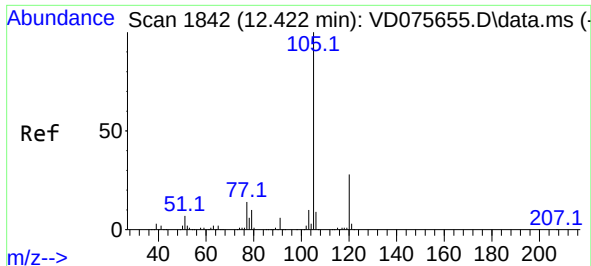
Tgt Ion:173 Resp: 2957
Ion Ratio Lower Upper
173 100
175 50.7 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:152 Resp: 140736
Ion Ratio Lower Upper
152 100
115 55.8 30.1 90.3
150 157.3 0.0 364.8

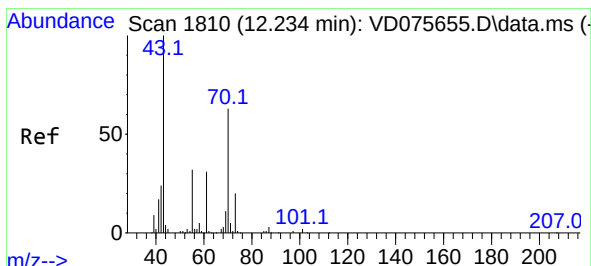
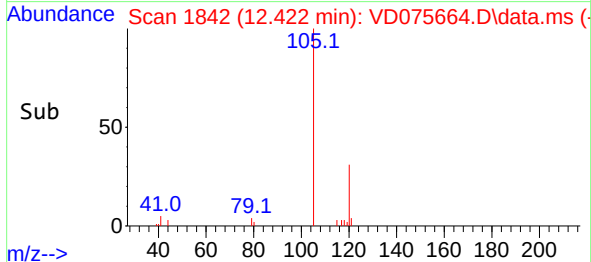
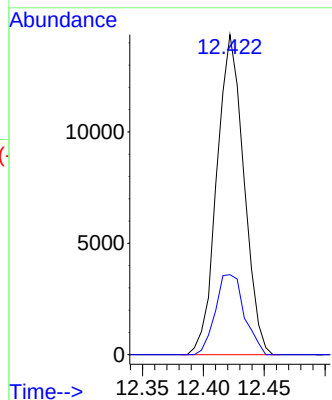
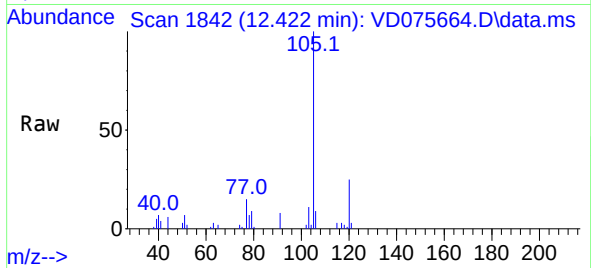




#73
Isopropylbenzene
Concen: 2.408 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

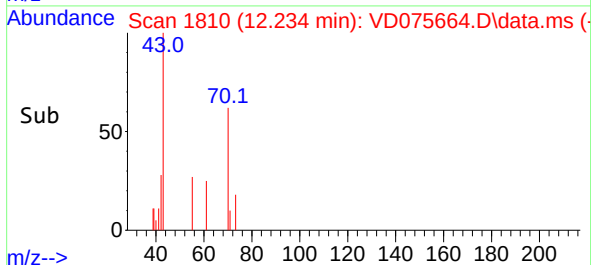
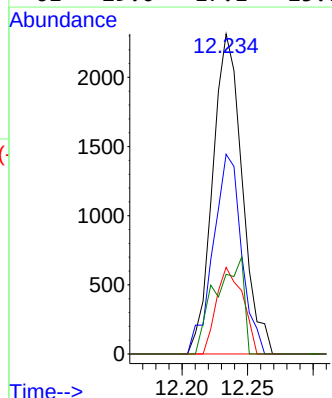
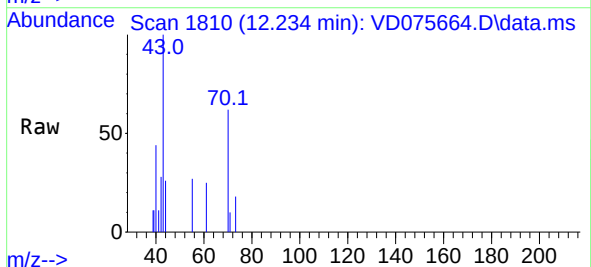
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

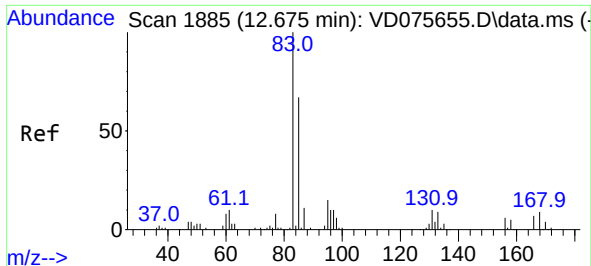
Tgt Ion:105 Resp: 22243
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 2.667 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 43 Resp: 3620
Ion Ratio Lower Upper
43 100
70 60.0 31.0 46.4#
55 24.3 18.6 28.0
61 29.0 17.1 25.7#

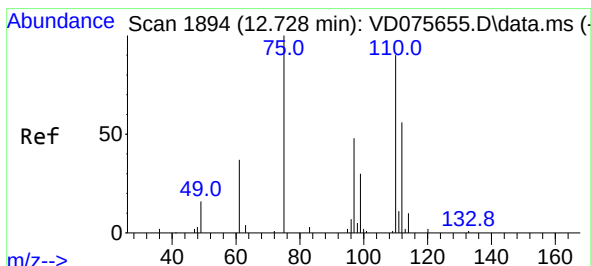
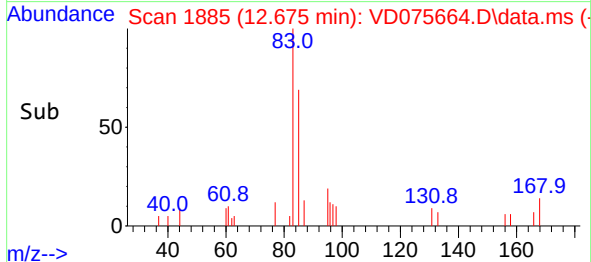
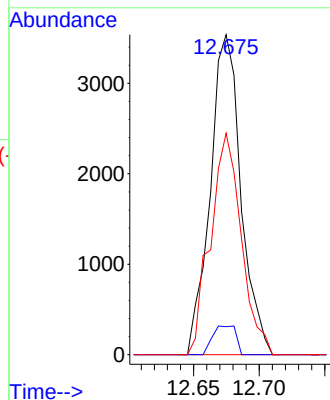
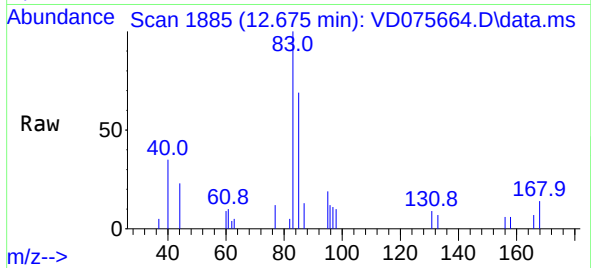




#75
1,1,2,2-Tetrachloroethane
Concen: 3.213 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

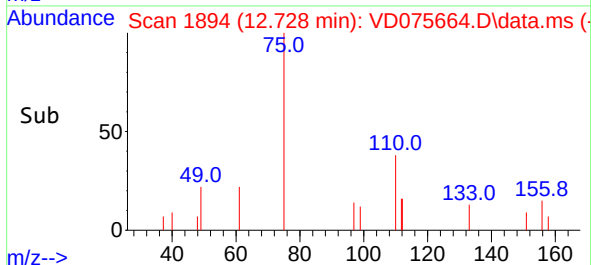
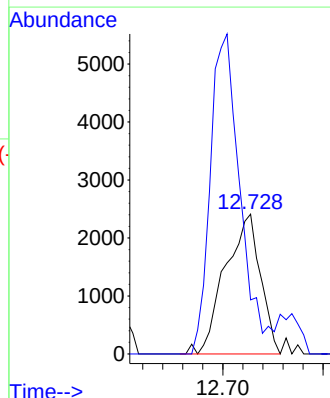
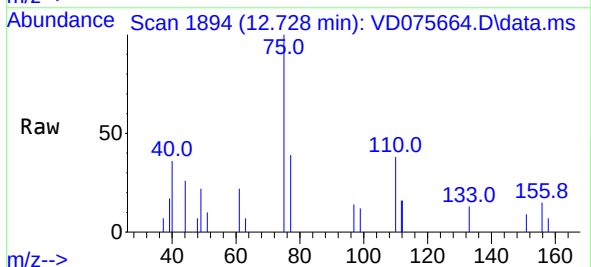
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

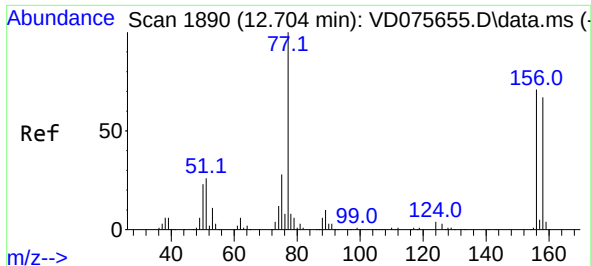
Tgt Ion: 83 Resp: 5765
Ion Ratio Lower Upper
83 100
131 6.8 5.1 15.2
85 69.5 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 5.132 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 75 Resp: 5890
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

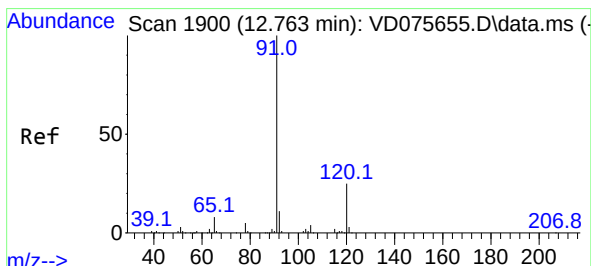
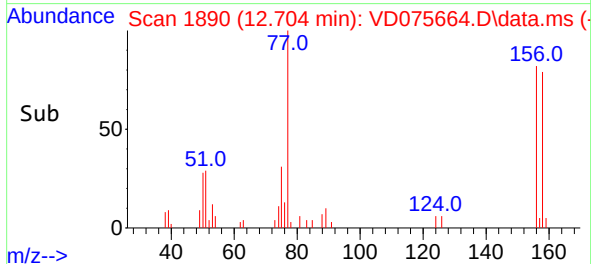
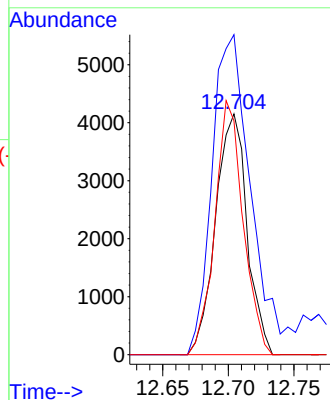
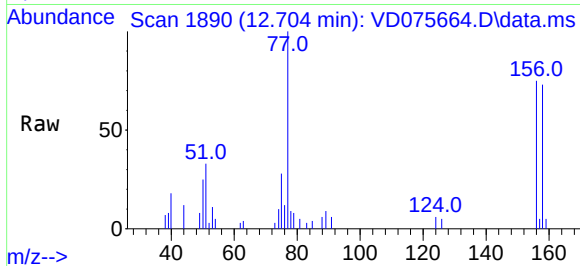




#77
Bromobenzene
Concen: 2.906 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

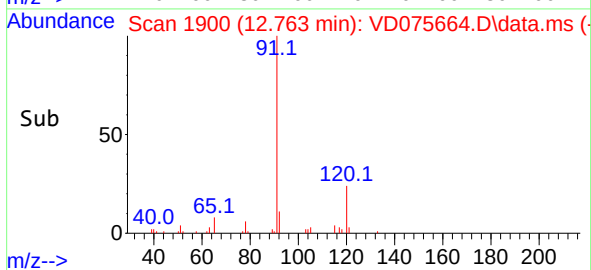
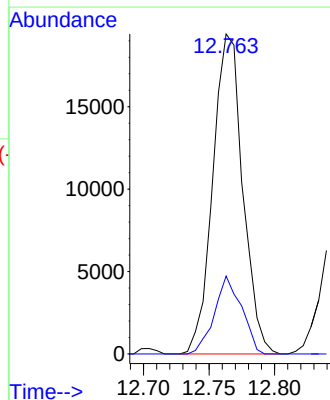
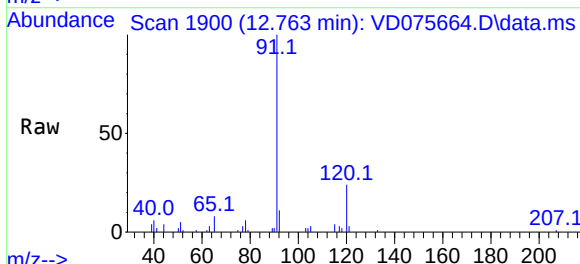
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

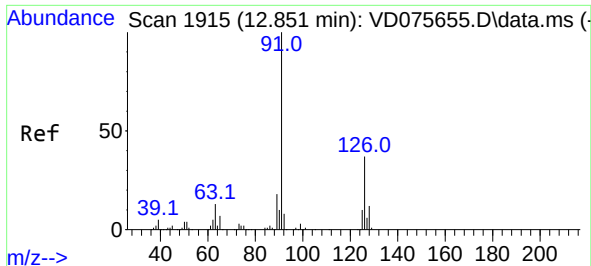
Tgt Ion:156 Resp: 6919
Ion Ratio Lower Upper
156 100
77 165.6 89.5 268.6
158 95.0 47.8 143.4



#78
n-propylbenzene
Concen: 2.722 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 91 Resp: 30813
Ion Ratio Lower Upper
91 100
120 22.1 11.4 34.2

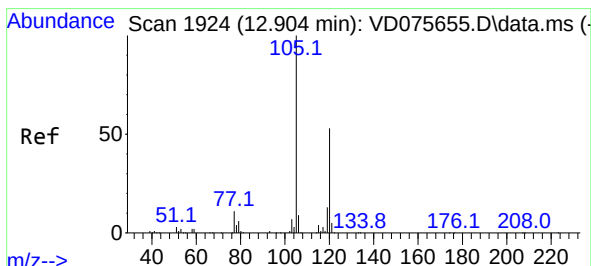
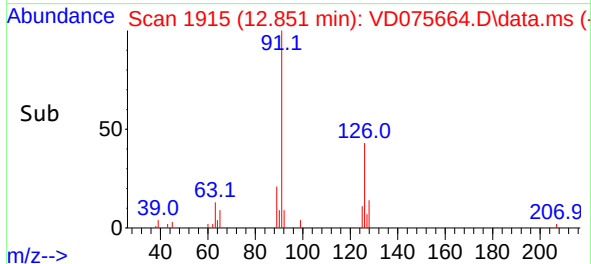
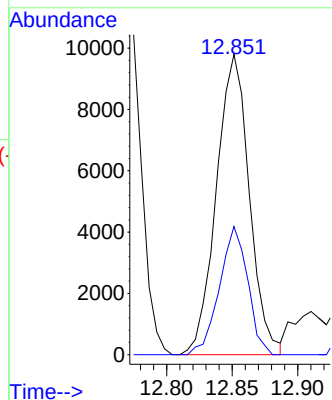
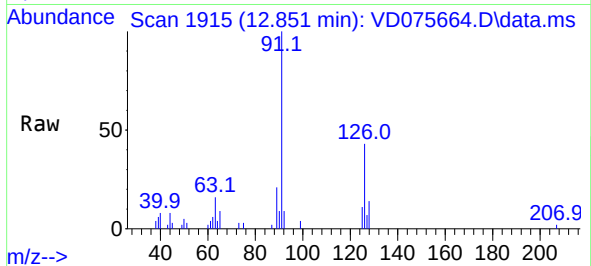




#79
2-Chlorotoluene
Concen: 2.668 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

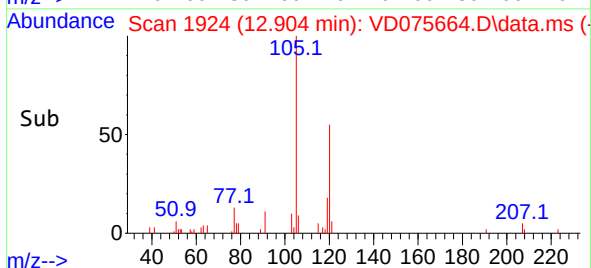
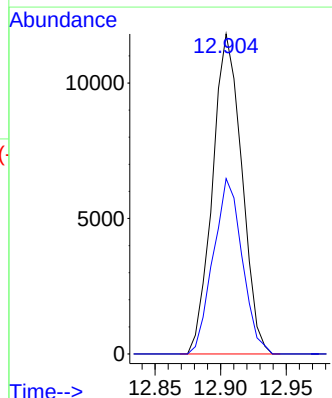
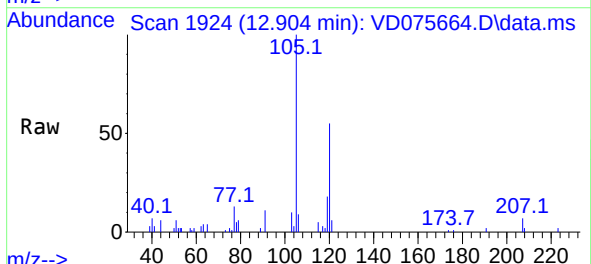
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

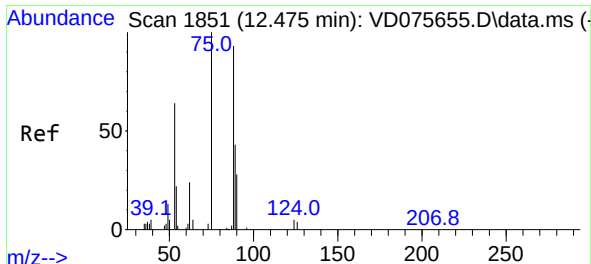
Tgt Ion: 91 Resp: 17133
Ion Ratio Lower Upper
91 100
126 36.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 2.382 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 105 Resp: 18344
Ion Ratio Lower Upper
105 100
120 54.2 24.3 72.8

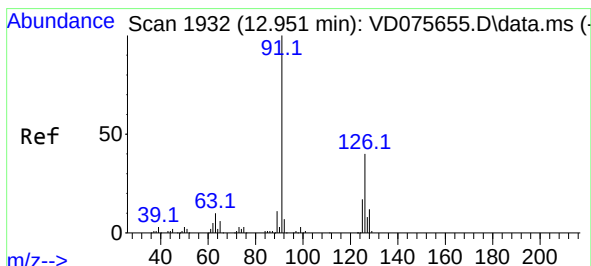
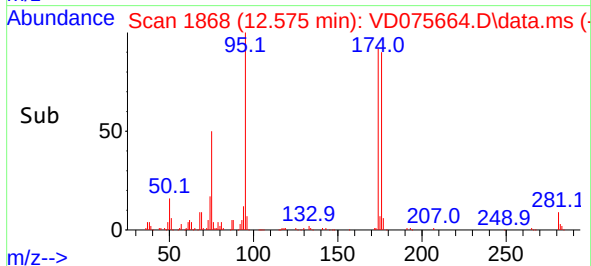
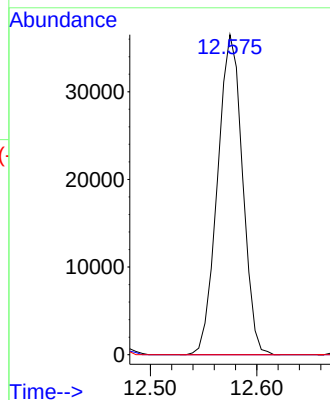
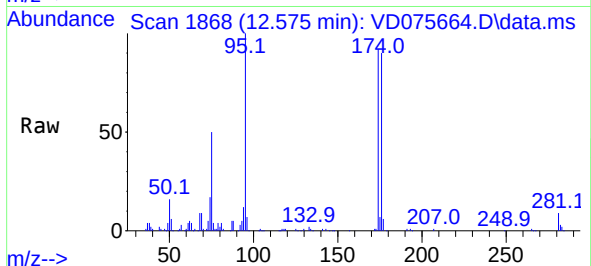




#81
trans-1,4-Dichloro-2-butene
Concen: 112.146 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

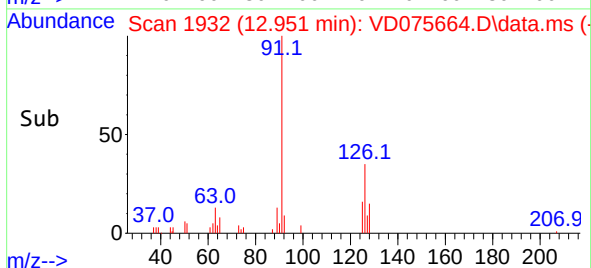
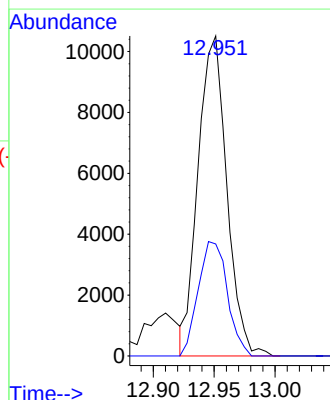
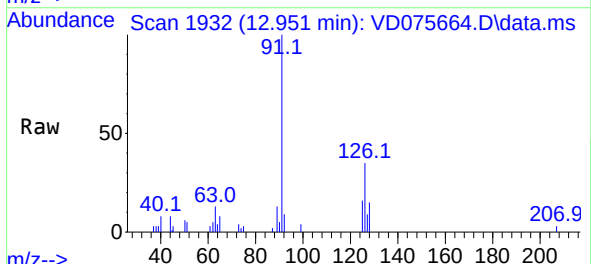
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

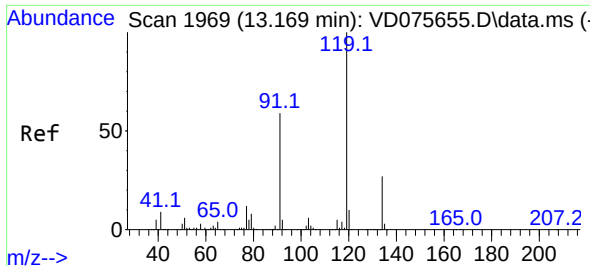
Tgt Ion: 75 Resp: 59384
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#82
4-Chlorotoluene
Concen: 2.585 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion: 91 Resp: 17263
Ion Ratio Lower Upper
91 100
126 36.2 17.1 51.2

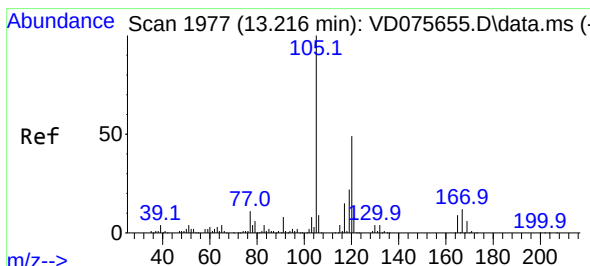
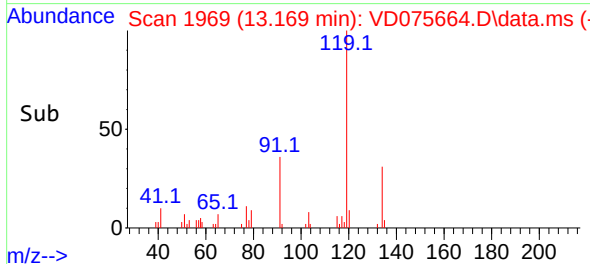
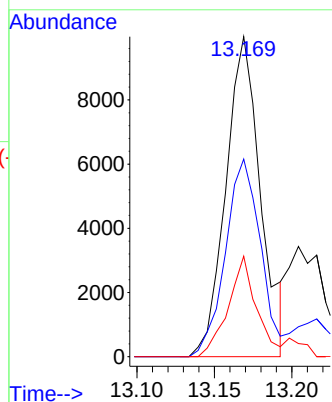
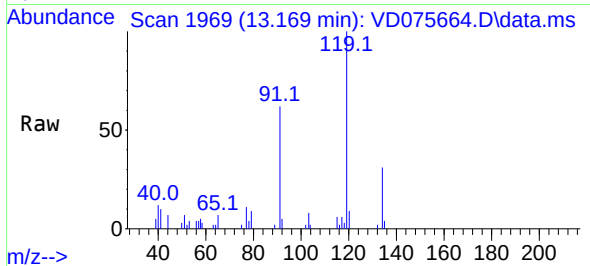




#83
tert-Butylbenzene
Concen: 2.394 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

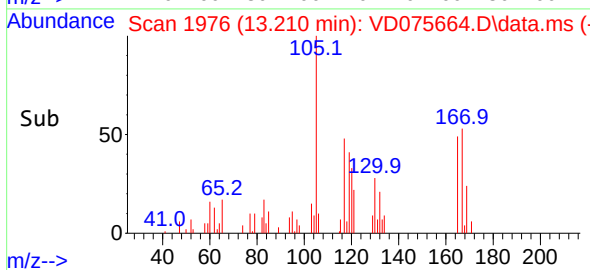
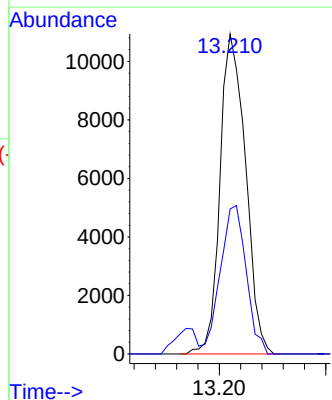
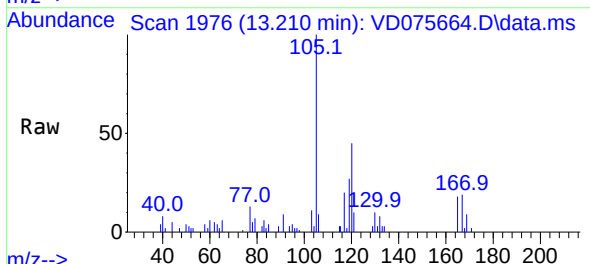
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

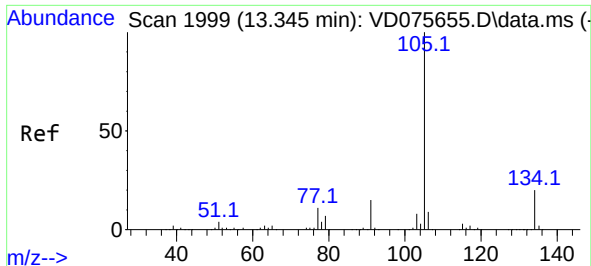
Tgt Ion:	119	Resp:	15544
Ion	Ratio	Lower	Upper
119	100		
91	63.9	32.4	97.0
134	25.6	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 2.347 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:	105	Resp:	18132
Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.3	66.9

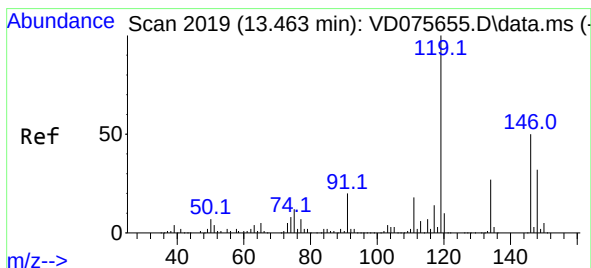
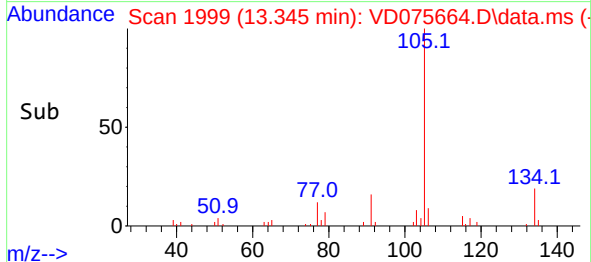
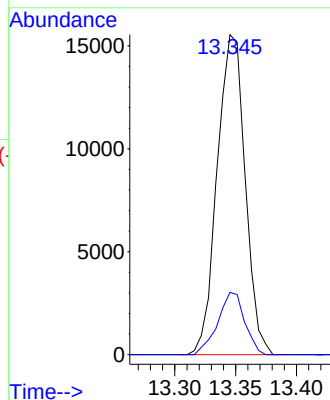
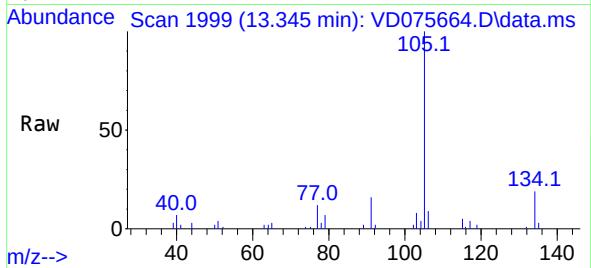




#85
 sec-Butylbenzene
 Concen: 2.485 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

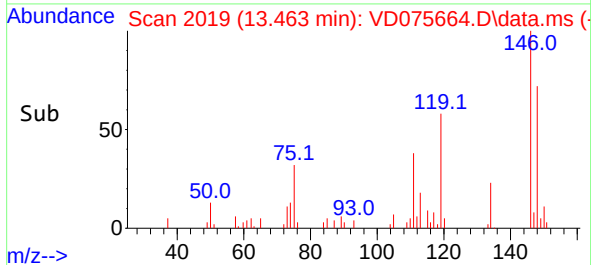
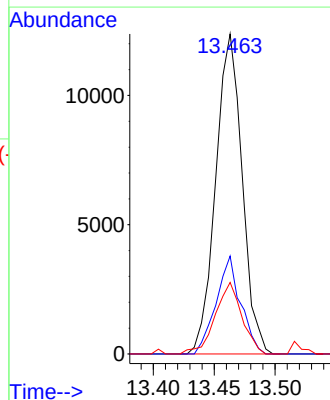
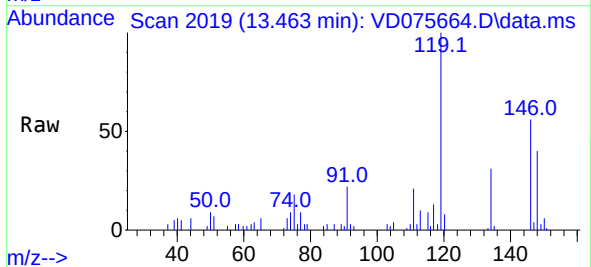
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

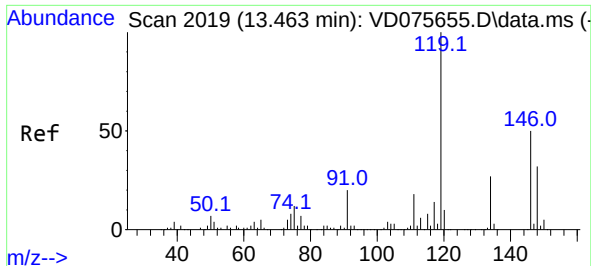
Tgt Ion:105 Resp: 24888
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 2.244 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075664.D
 Acq: 13 Apr 2023 17:01

Tgt Ion:119 Resp: 18715
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.1 39.3
 91 22.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 2.667 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

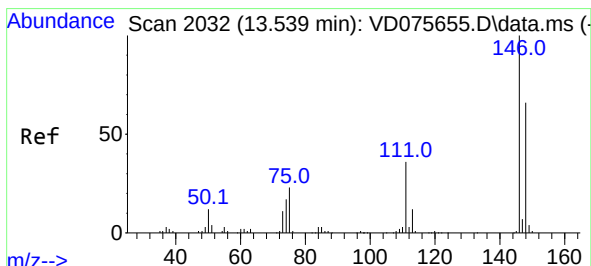
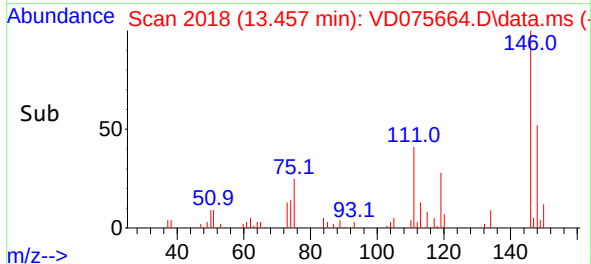
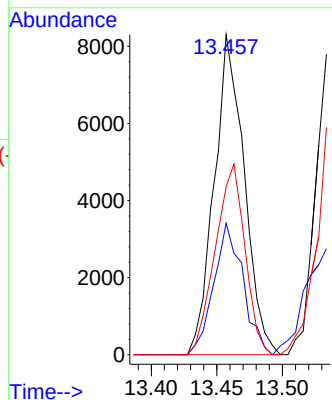
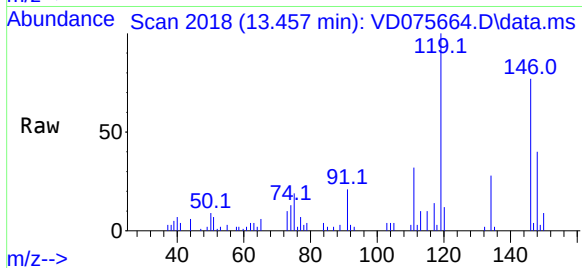
Tgt Ion:146 Resp: 13214

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.3

148 58.8 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 3.002 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

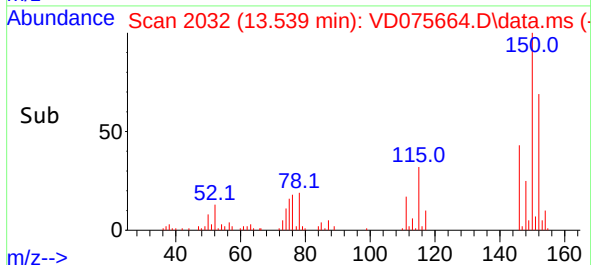
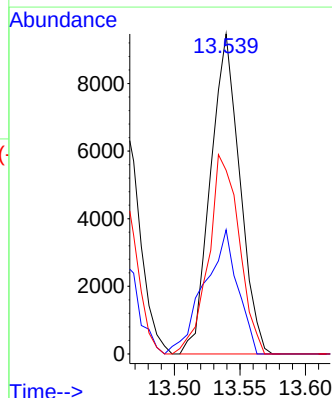
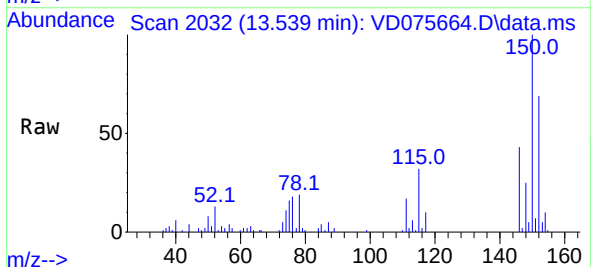
Tgt Ion:146 Resp: 14694

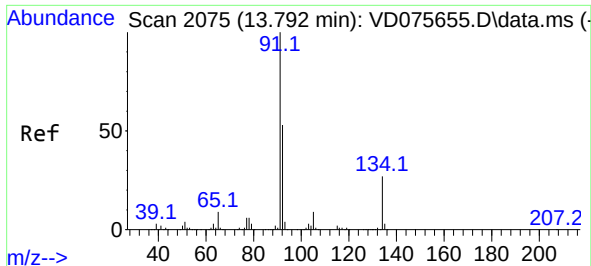
Ion Ratio Lower Upper

146 100

111 44.3 19.6 58.8

148 65.5 31.7 95.1

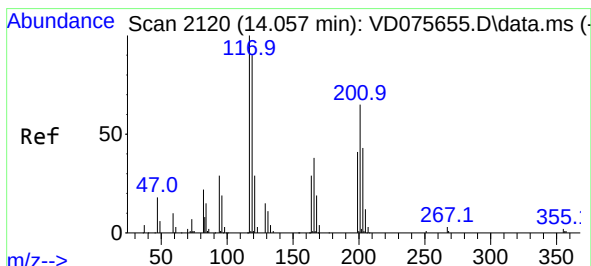
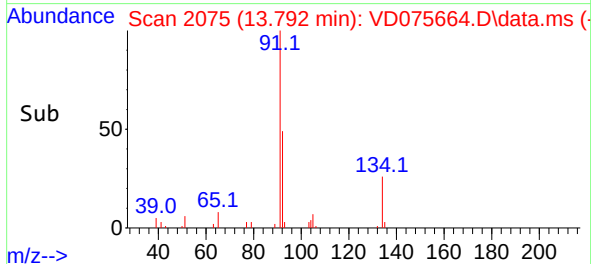
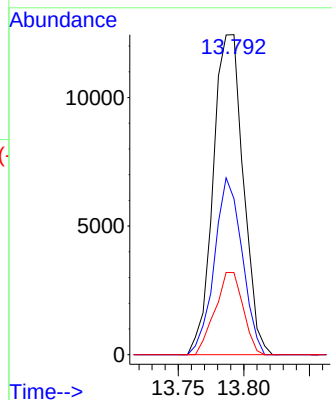
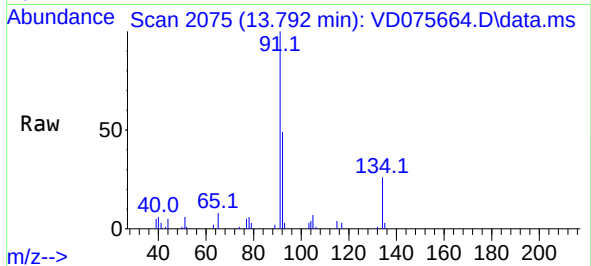




#89
n-Butylbenzene
Concen: 2.586 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

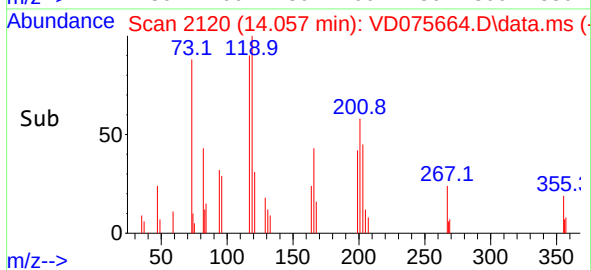
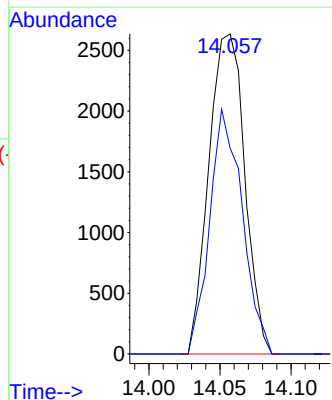
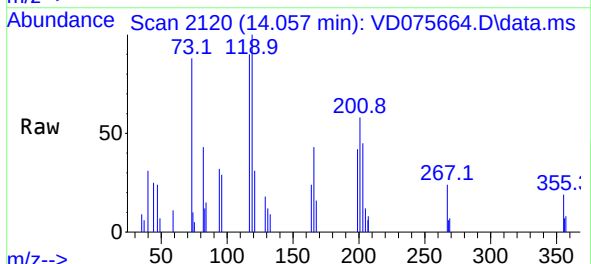
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

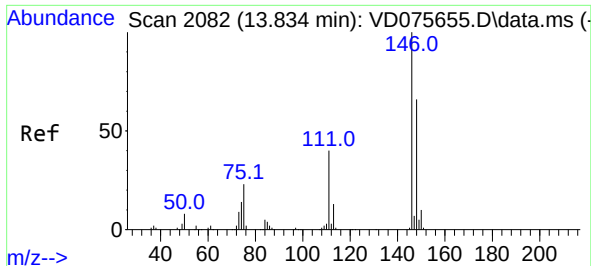
Tgt Ion:	91	Resp:	19861
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.2	78.5
134	23.9	12.7	38.0



#90
Hexachloroethane
Concen: 2.800 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:	117	Resp:	4639
Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.5	103.6





#91

1,2-Dichlorobenzene

Concen: 2.618 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Instrument :

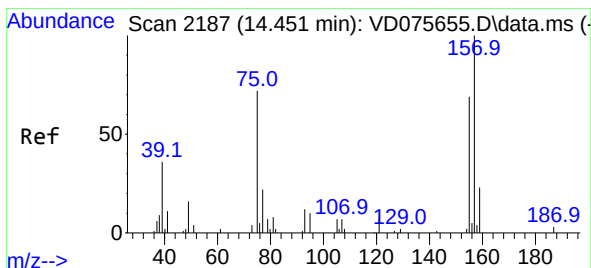
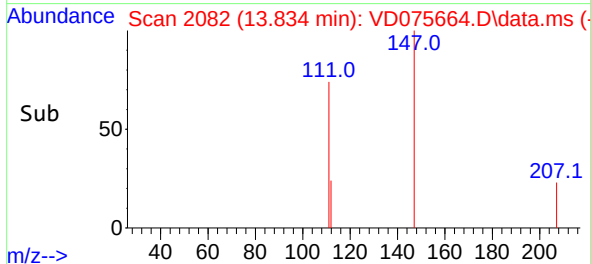
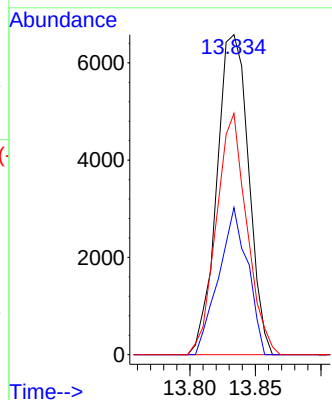
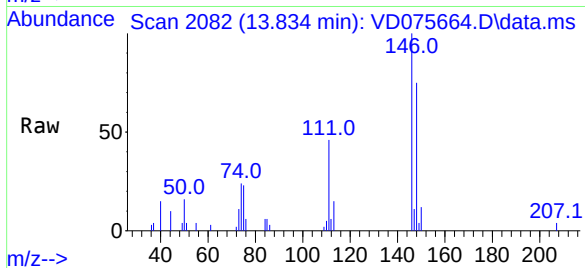
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:146 Resp: 11111

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.6	61.8
148	72.4	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.856 ug/l

RT: 14.457 min Scan# 2188

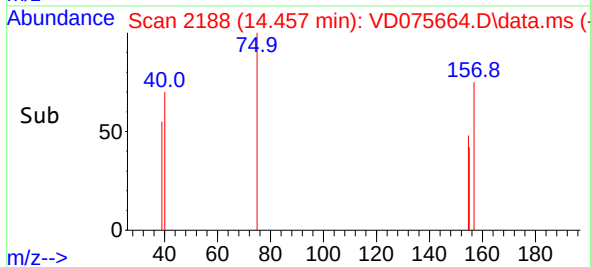
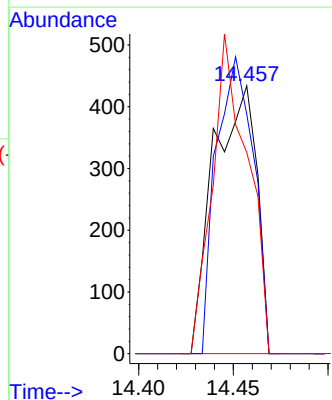
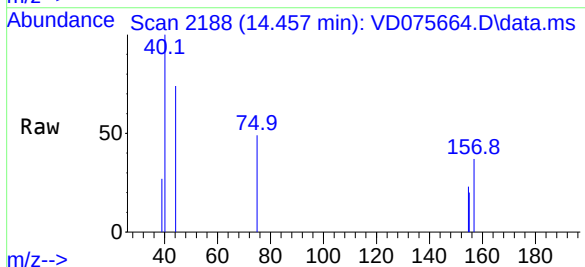
Delta R.T. 0.006 min

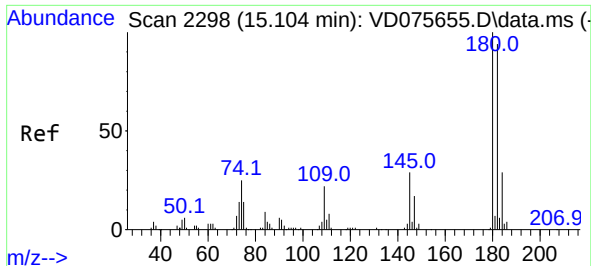
Lab File: VD075664.D

Acq: 13 Apr 2023 17:01

Tgt Ion: 75 Resp: 687

Ion	Ratio	Lower	Upper
75	100		
155	95.3	39.5	118.5
157	97.4	53.5	160.7

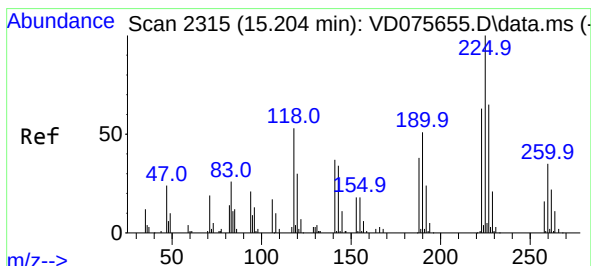
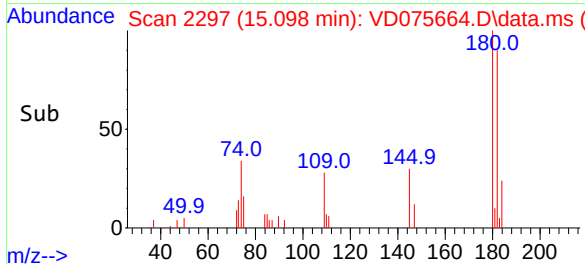
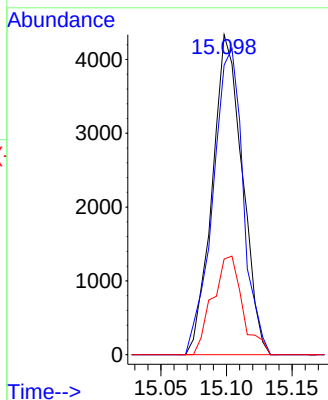
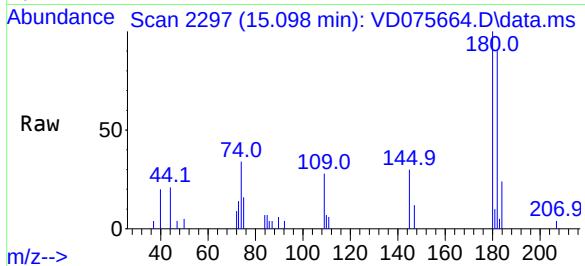




#93
1,2,4-Trichlorobenzene
Concen: 2.803 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

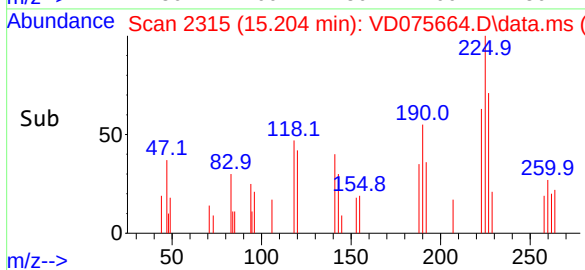
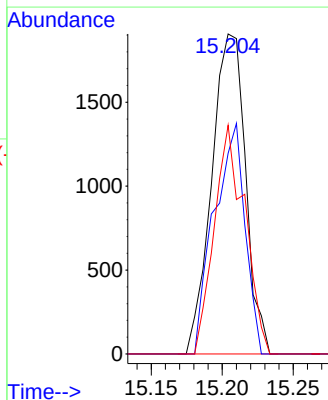
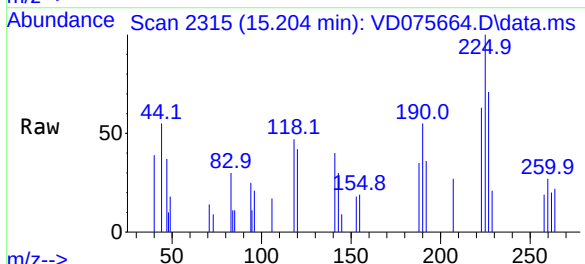
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

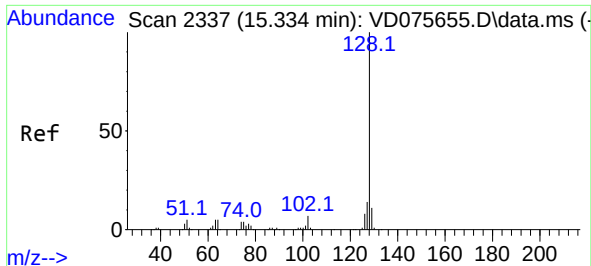
Tgt Ion:	180	Resp:	6920
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	30.6	15.9	47.7



#94
Hexachlorobutadiene
Concen: 2.681 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:	225	Resp:	3163
Ion	Ratio	Lower	Upper
225	100		
223	65.3	33.1	99.2
227	64.4	31.9	95.9

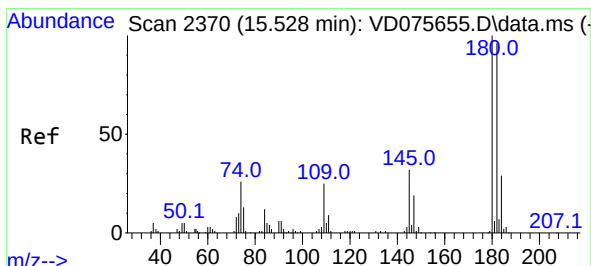
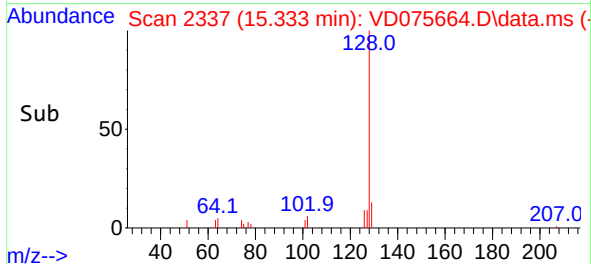
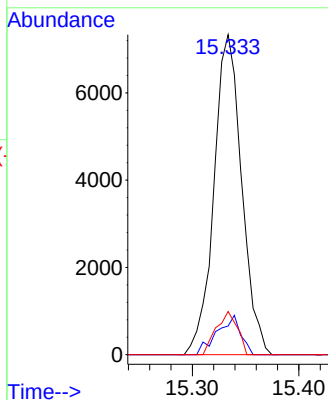
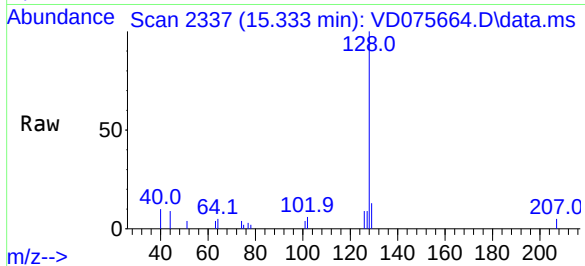




#95
Naphthalene
Concen: 2.835 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion:128 Resp: 13258
Ion Ratio Lower Upper
128 100
127 10.3 10.4 15.6#
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.746 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075664.D
Acq: 13 Apr 2023 17:01

Tgt Ion:180 Resp: 5966
Ion Ratio Lower Upper
180 100
182 92.5 47.7 143.1
145 33.1 16.4 49.4

