

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075665.D
 Acq On : 13 Apr 2023 17:31
 Operator : KP/SY
 Sample : 02213-01 5.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 14 01:35:58 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	180053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	333544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94869	55.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.804	113	114249	50.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.269	98	433874	48.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.575	95	120131	50.308	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	6635	3.966	ug/l	84
3) Chloromethane	2.146	50	15924	5.271	ug/l	95
4) Vinyl Chloride	2.275	62	18032	4.498	ug/l	96
5) Bromomethane	2.681	94	13402	4.282	ug/l	92
6) Chloroethane	2.828	64	11754	4.355	ug/l	94
7) Trichlorofluoromethane	3.169	101	13650	4.395	ug/l	100
8) Diethyl Ether	3.593	74	4278	4.425	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.958	101	8681	4.457	ug/l #	91
10) Methyl Iodide	4.157	142	9089	3.410	ug/l	89
11) Tert butyl alcohol	5.052	59	2426	28.284	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	8669	4.299	ug/l #	74
13) Acrolein	3.799	56	3322	19.201	ug/l	89
14) Allyl chloride	4.552	41	6966	3.793	ug/l #	84
15) Acrylonitrile	5.252	53	8464	23.442	ug/l #	70
16) Acetone	4.022	43	7515	24.002	ug/l #	87
17) Carbon Disulfide	4.263	76	28275	4.284	ug/l	98
18) Methyl Acetate	4.563	43	4508	4.270	ug/l #	70
19) Methyl tert-butyl Ether	5.322	73	15906	4.064	ug/l	92
20) Methylene Chloride	4.793	84	21344	4.626	ug/l #	72
21) trans-1,2-Dichloroethene	5.305	96	10196	4.245	ug/l #	66
22) Diisopropyl ether	6.222	45	16086	3.876	ug/l #	85
23) Vinyl Acetate	6.157	43	37903	19.662	ug/l #	81
24) 1,1-Dichloroethane	6.104	63	16070	4.673	ug/l #	89
25) 2-Butanone	7.081	43	9157	22.715	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	14428	4.628	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	11356	4.268	ug/l	81
28) Bromochloromethane	7.422	49	4476	4.117	ug/l #	45
29) Tetrahydrofuran	7.451	42	4867	22.077	ug/l #	72
30) Chloroform	7.587	83	17478	4.483	ug/l	85
31) Cyclohexane	7.869	56	13453	5.016	ug/l #	51
32) 1,1,1-Trichloroethane	7.787	97	14820	4.662	ug/l	95
36) 1,1-Dichloropropene	8.004	75	12035	3.889	ug/l	97
37) Ethyl Acetate	7.169	43	3864	4.102	ug/l #	99
38) Carbon Tetrachloride	7.998	117	10648	3.907	ug/l #	77
39) Methylcyclohexane	9.269	83	13102	3.661	ug/l #	79
40) Benzene	8.251	78	39305	4.085	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	1837	4.064	ug/l #	55
42) 1,2-Dichloroethane	8.328	62	9356	4.281	ug/l	90
43) Isopropyl Acetate	8.363	43	7037	4.097	ug/l #	75
44) Trichloroethene	9.028	130	11159	4.098	ug/l	86
45) 1,2-Dichloropropane	9.304	63	8835	4.098	ug/l	89
46) Dibromomethane	9.393	93	5689	4.159	ug/l	98
47) Bromodichloromethane	9.581	83	12597	4.026	ug/l	89
48) Methyl methacrylate	9.381	41	3093	4.042	ug/l #	66
49) 1,4-Dioxane	9.381	88	1085	79.951	ug/l #	67
51) 4-Methyl-2-Pentanone	10.163	43	16984	18.547	ug/l #	82
52) Toluene	10.334	92	24148	3.774	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	11274	3.759	ug/l #	86
54) cis-1,3-Dichloropropene	10.016	75	13429	3.768	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	7877	3.977	ug/l	98
56) Ethyl methacrylate	10.598	69	6469	3.319	ug/l #	73
57) 1,3-Dichloropropane	10.875	76	12419	4.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	14416	17.222	ug/l #	88
59) 2-Hexanone	10.922	43	11202	17.398	ug/l	81
60) Dibromochloromethane	11.075	129	8971	3.871	ug/l	96
61) 1,2-Dibromoethane	11.181	107	7109	3.763	ug/l	96
64) Tetrachloroethene	10.810	164	8503	3.792	ug/l	82
65) Chlorobenzene	11.610	112	27375	4.105	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.681	131	9299	4.056	ug/l	98
67) Ethyl Benzene	11.687	91	38703	3.576	ug/l	96
68) m/p-Xylenes	11.792	106	29873	6.735	ug/l	97
69) o-Xylene	12.122	106	14128	3.523	ug/l	91
70) Styrene	12.139	104	23895	3.678	ug/l	92
71) Bromoform	12.298	173	4734	3.950	ug/l #	95
73) Isopropylbenzene	12.422	105	35360	3.754	ug/l	99
74) N-amyl acetate	12.239	43	5143	3.716	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	8675	4.741	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	9771	8.349	ug/l #	100
77) Bromobenzene	12.698	156	10013	4.123	ug/l	92
78) n-propylbenzene	12.763	91	46707	4.045	ug/l	98
79) 2-Chlorotoluene	12.851	91	25902	3.955	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	29128	3.709	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	2332	4.319	ug/l #	62
82) 4-Chlorotoluene	12.945	91	26409	3.878	ug/l	94
83) tert-Butylbenzene	13.169	119	22966	3.469	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	28139	3.571	ug/l	96
85) sec-Butylbenzene	13.345	105	36795	3.602	ug/l	100
86) p-Isopropyltoluene	13.463	119	28455	3.346	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	19561	3.872	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	20750	4.158	ug/l	95
89) n-Butylbenzene	13.786	91	29518	3.769	ug/l	98
90) Hexachloroethane	14.051	117	6572	3.890	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	17297	3.997	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1303	5.312	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	8762	3.480	ug/l	92
94) Hexachlorobutadiene	15.204	225	4259	3.539	ug/l	91
95) Naphthalene	15.328	128	17208	3.608	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	8668	3.912	ug/l	95

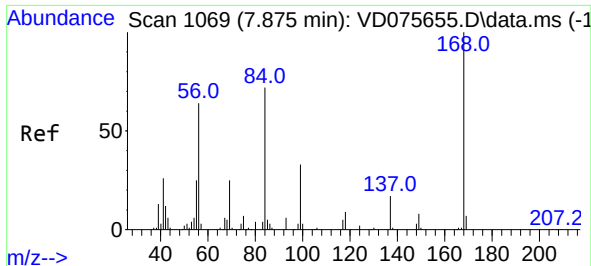
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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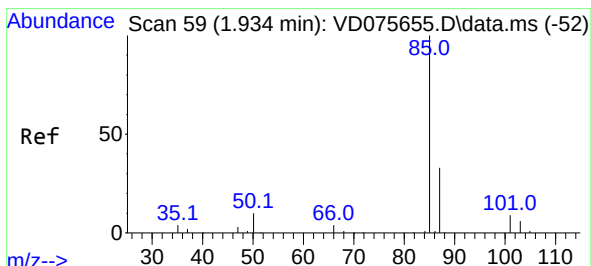
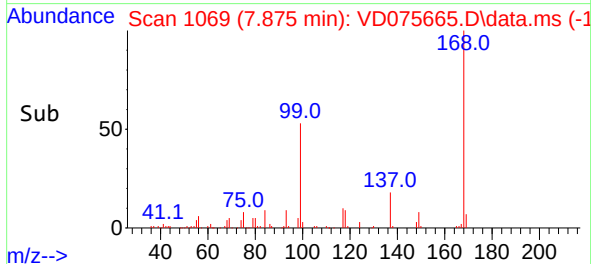
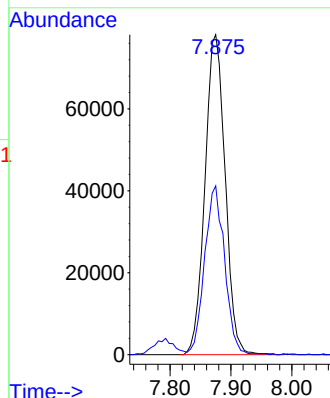
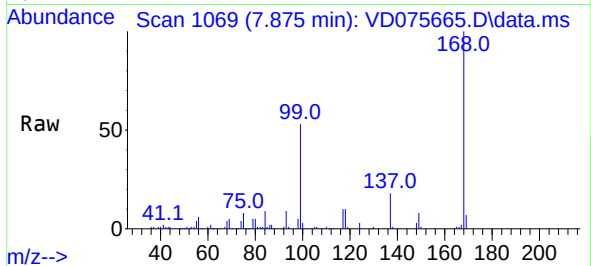
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

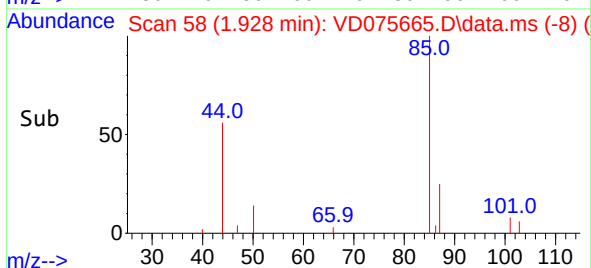
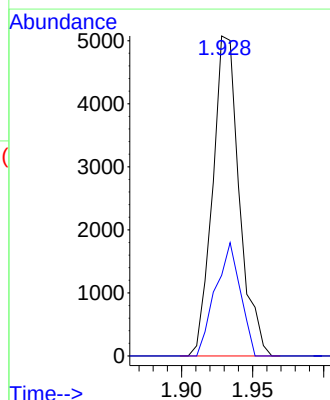
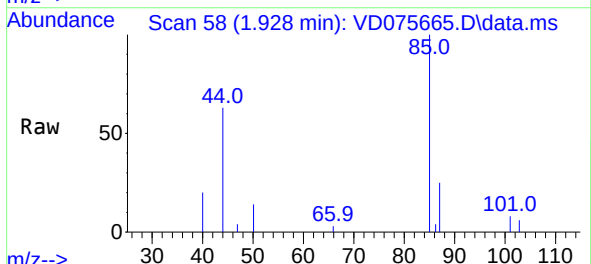
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

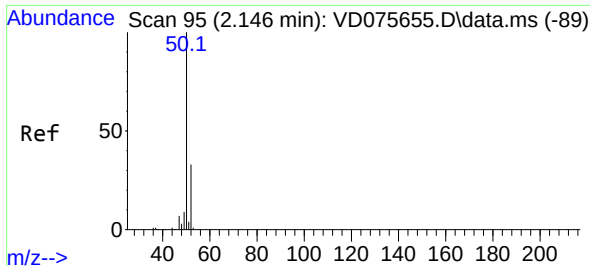
Tgt Ion:168 Resp: 180053
Ion Ratio Lower Upper
168 100
99 52.8 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 3.966 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 85 Resp: 6635
Ion Ratio Lower Upper
85 100
87 25.2 17.3 51.7

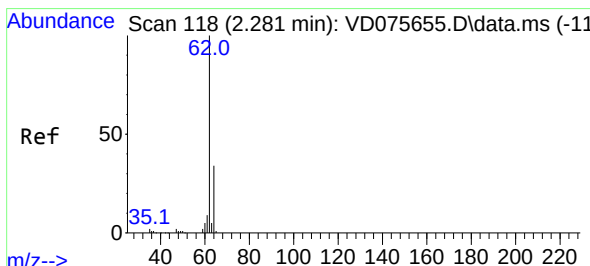
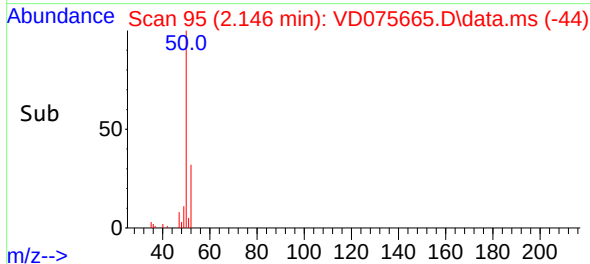
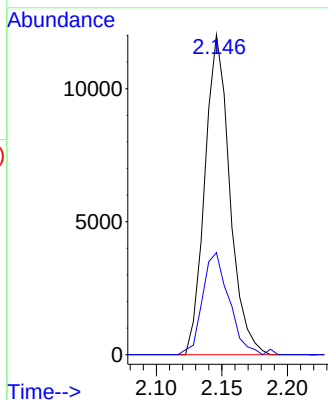
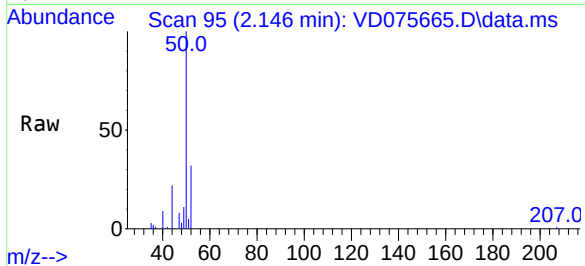




#3
Chloromethane
Concen: 5.271 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

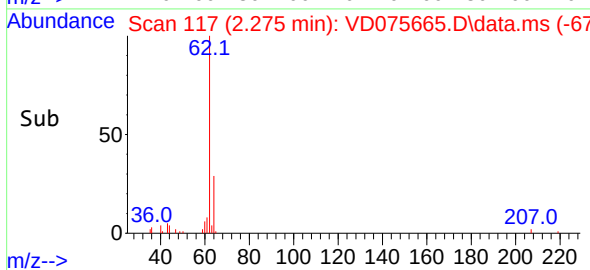
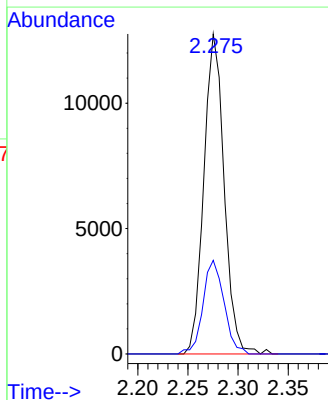
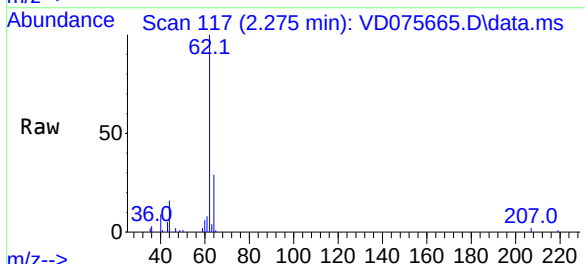
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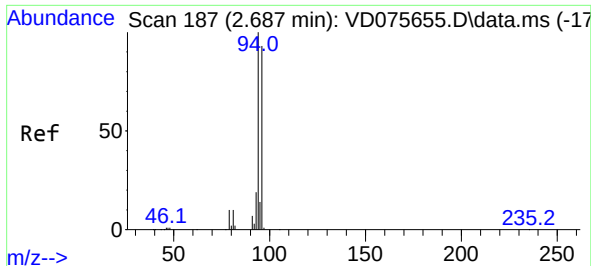
Tgt Ion: 50 Resp: 15924
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.8



#4
Vinyl Chloride
Concen: 4.498 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 62 Resp: 18032
Ion Ratio Lower Upper
62 100
64 29.3 25.4 38.0

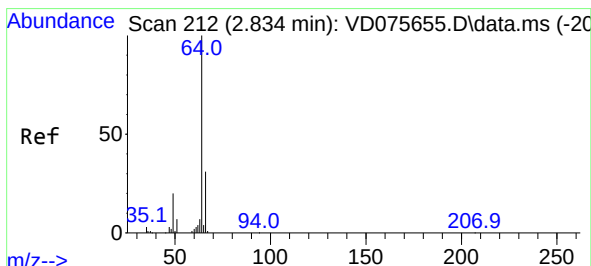
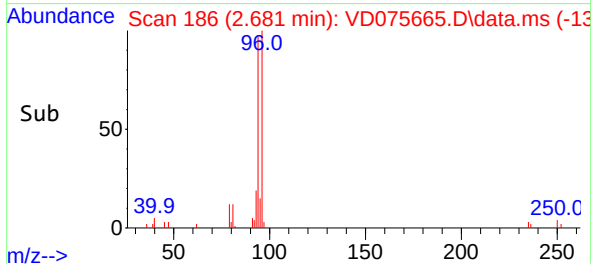
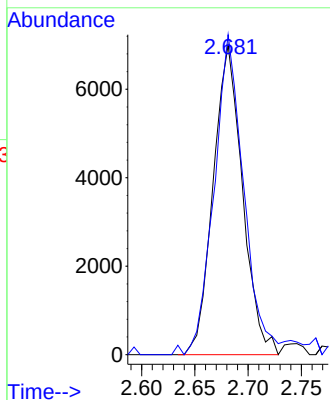
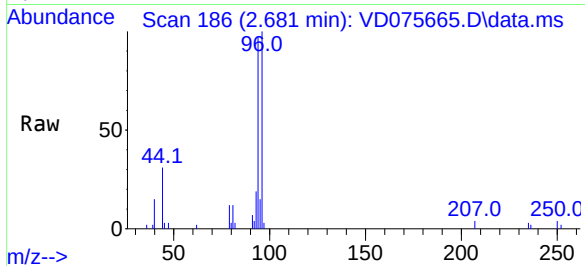




#5
Bromomethane
Concen: 4.282 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

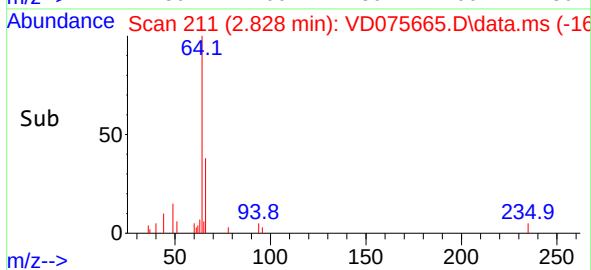
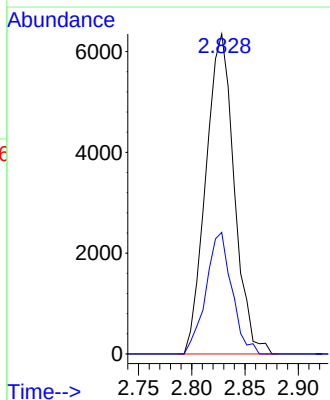
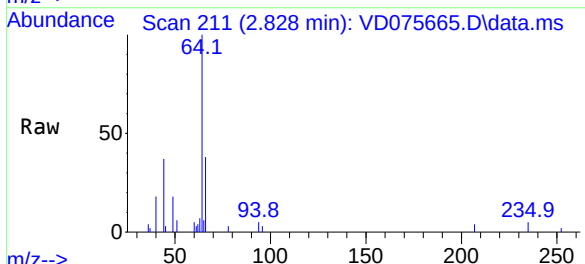
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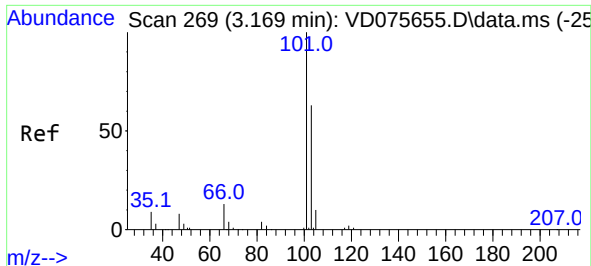
Tgt Ion: 94 Resp: 13402
Ion Ratio Lower Upper
94 100
96 104.9 77.5 116.3



#6
Chloroethane
Concen: 4.355 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 64 Resp: 11754
Ion Ratio Lower Upper
64 100
66 38.0 27.7 41.5

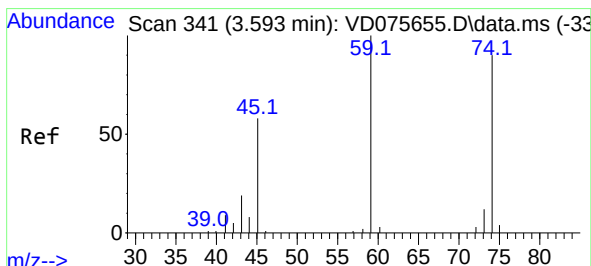
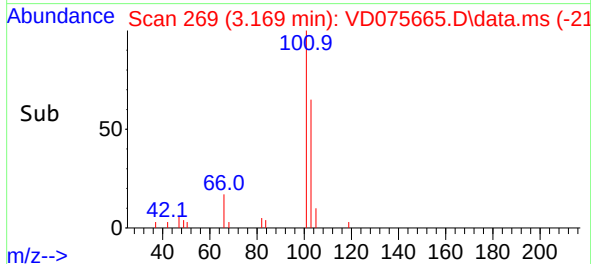
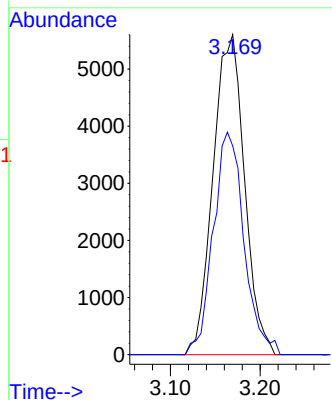
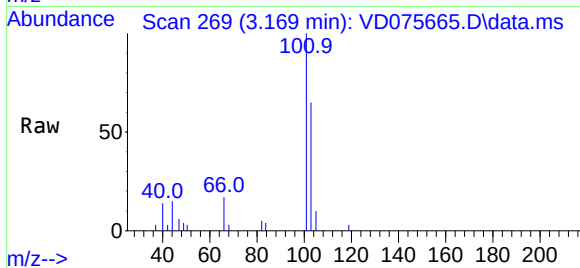




#7
Trichlorofluoromethane
Concen: 4.395 ug/l
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

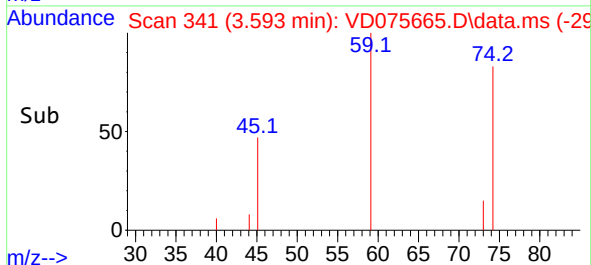
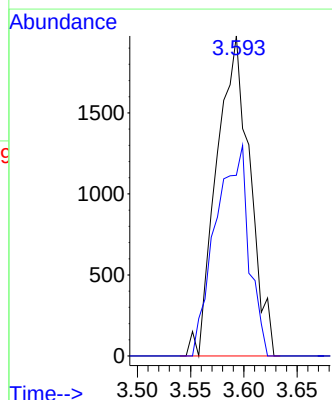
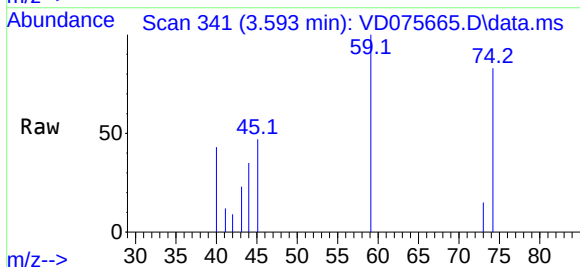
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

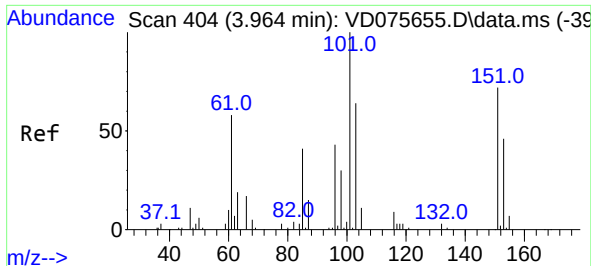
Tgt Ion:101 Resp: 13650
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9



#8
Diethyl Ether
Concen: 4.425 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 74 Resp: 4278
Ion Ratio Lower Upper
74 100
45 65.7 50.9 152.7

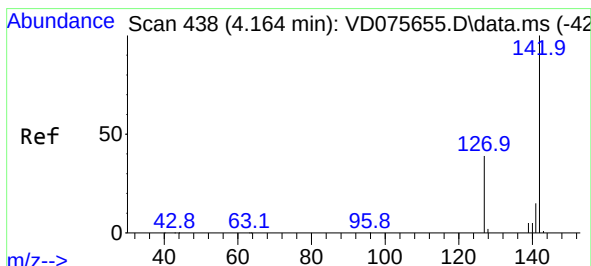
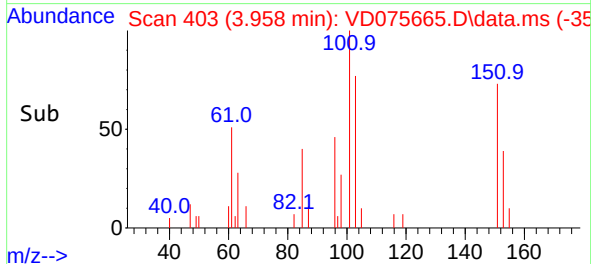
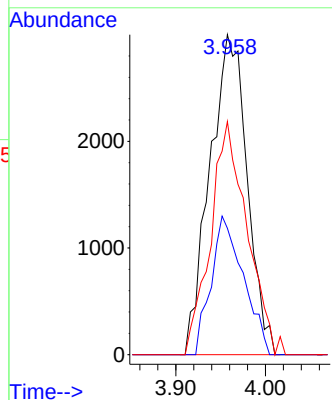
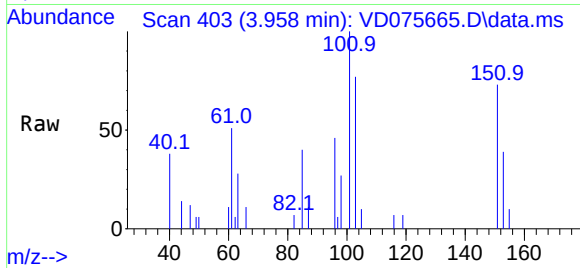




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.457 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075665.D
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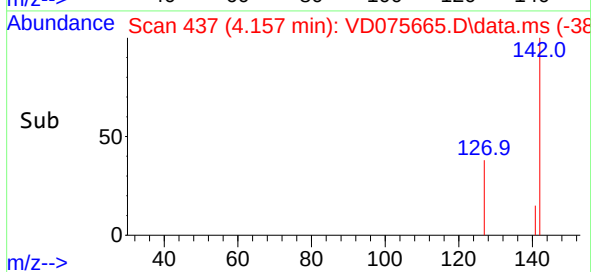
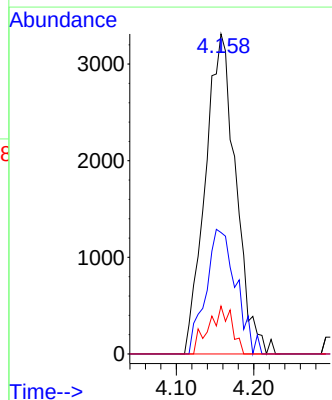
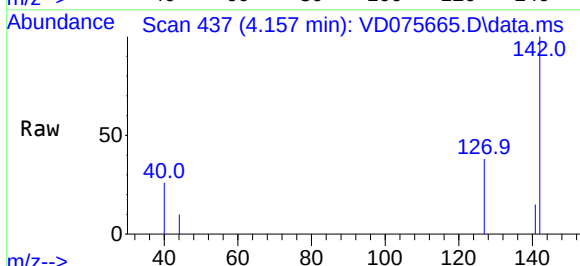
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

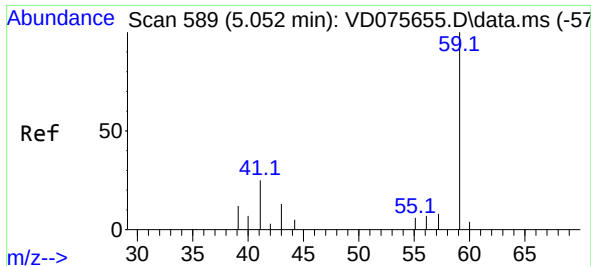
Tgt Ion:101 Resp: 8681
Ion Ratio Lower Upper
101 100
85 37.3 38.3 57.5#
151 71.2 60.4 90.6



#10
Methyl Iodide
Concen: 3.410 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

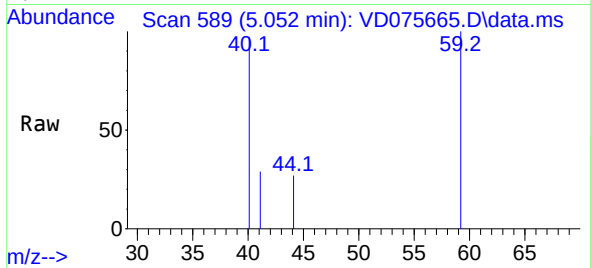
Tgt Ion:142 Resp: 9089
Ion Ratio Lower Upper
142 100
127 38.4 37.1 55.7
141 11.4 11.3 16.9



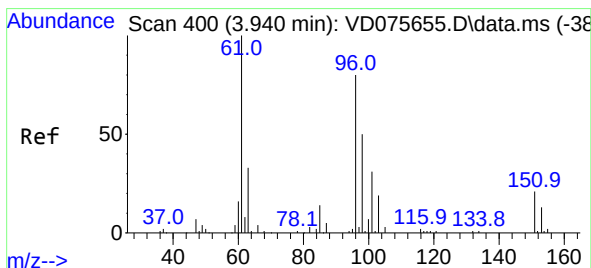
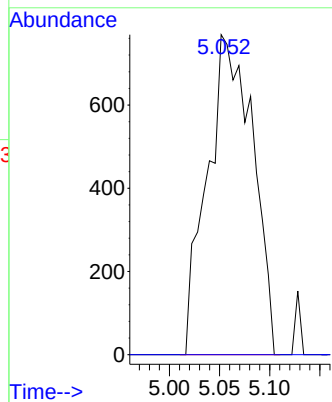
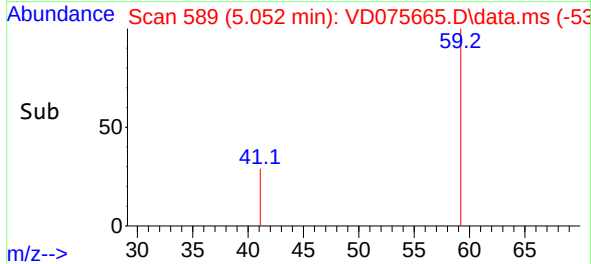


#11
Tert butyl alcohol
Concen: 28.284 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

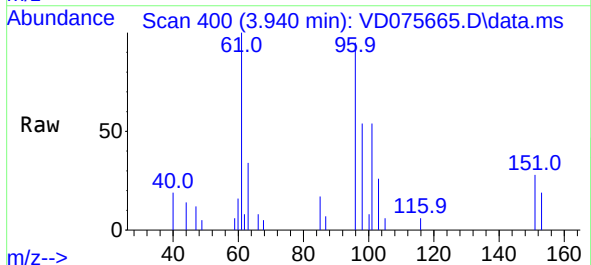
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023



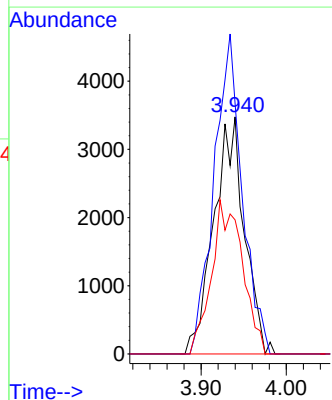
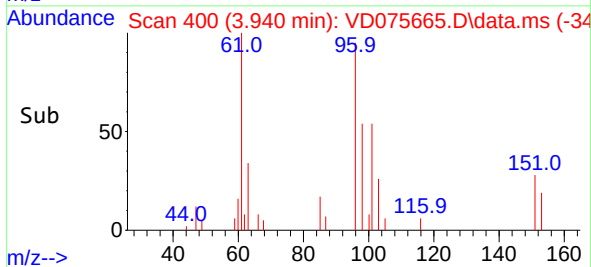
Tgt Ion: 59 Resp: 2426
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



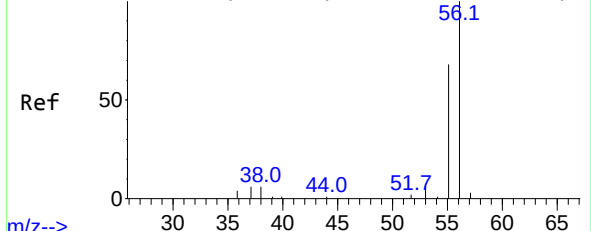
#12
1,1-Dichloroethene
Concen: 4.299 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31



Tgt Ion: 96 Resp: 8669
Ion Ratio Lower Upper
96 100
61 105.7 118.6 177.8#
98 56.6 49.7 74.5



Abundance Scan 376 (3.799 min): VD075665.D\data.ms (-36



#13

Acrolein

Concen: 19.201 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075665.D

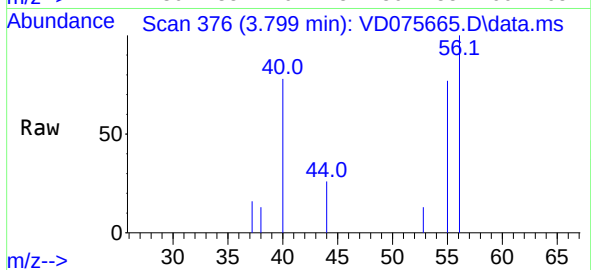
Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

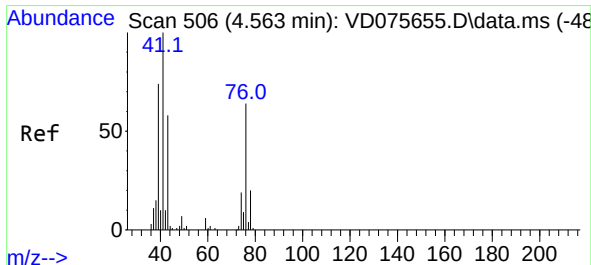
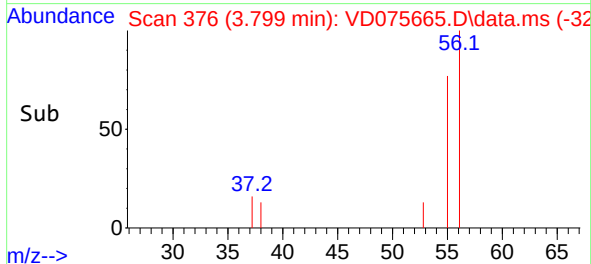
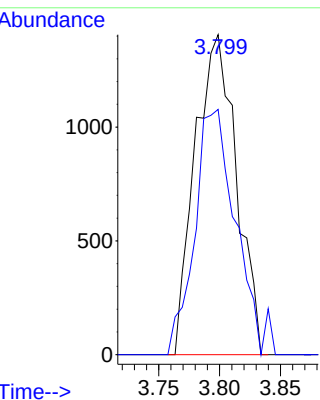


Tgt Ion: 56 Resp: 3322

Ion Ratio Lower Upper

56 100

55 76.5 53.9 80.9



#14

Allyl chloride

Concen: 3.793 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.011 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

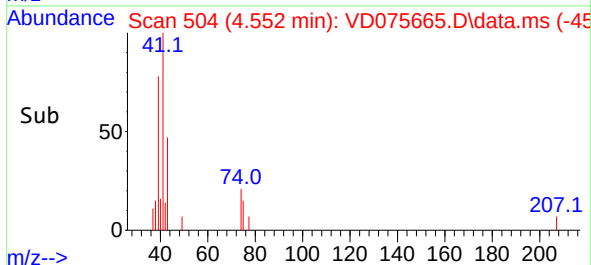
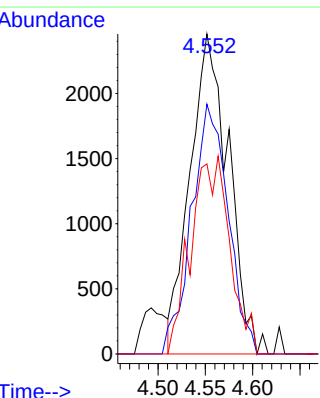
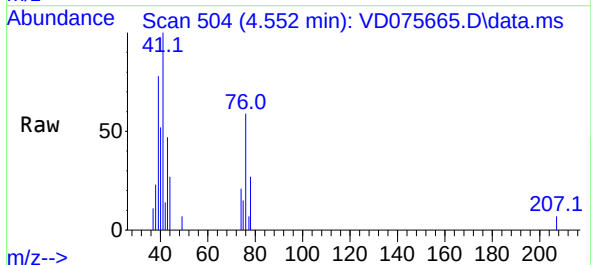
Tgt Ion: 41 Resp: 6966

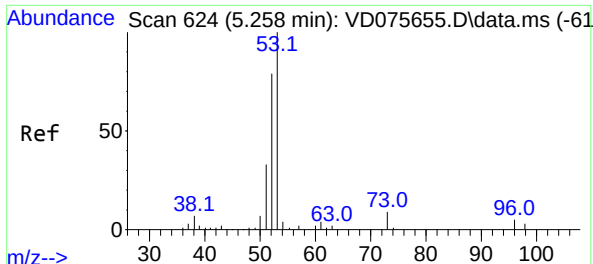
Ion Ratio Lower Upper

41 100

39 73.8 60.6 90.8

76 62.2 28.6 43.0#

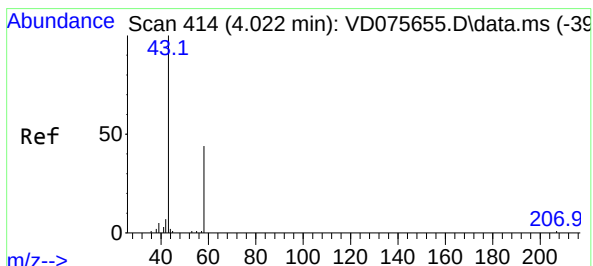
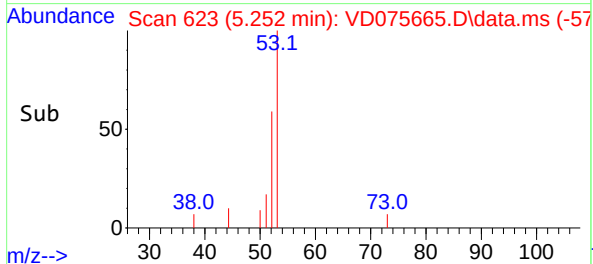
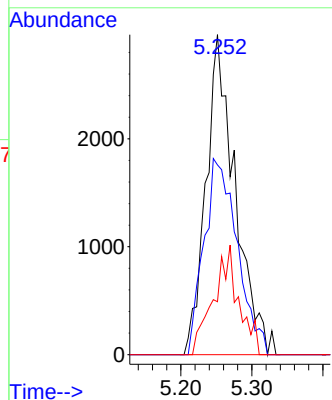
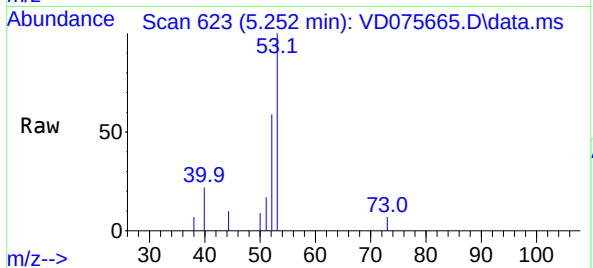




#15
Acrylonitrile
Concen: 23.442 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

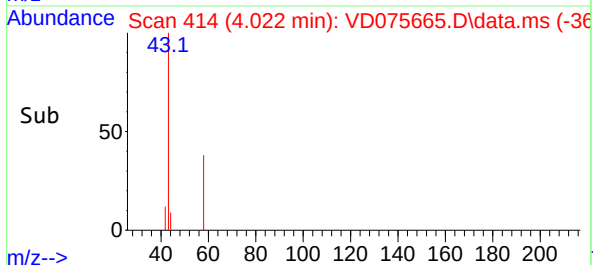
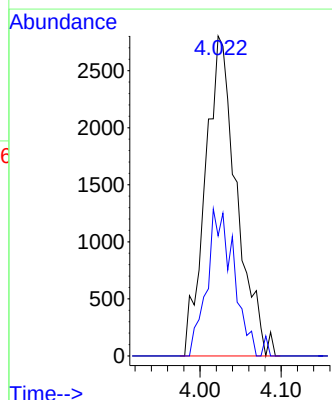
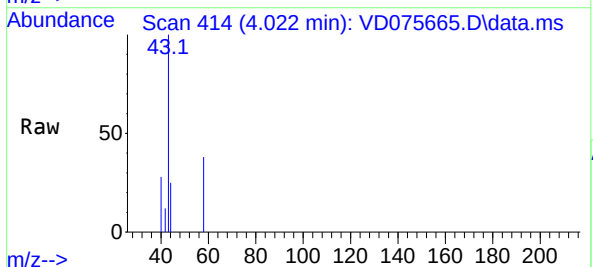
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

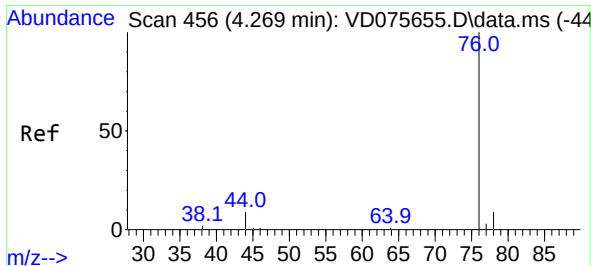
Tgt Ion: 53 Resp: 8464
Ion Ratio Lower Upper
53 100
52 70.1 66.2 99.4
51 0.0 30.7 46.1#



#16
Acetone
Concen: 24.002 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 43 Resp: 7515
Ion Ratio Lower Upper
43 100
58 37.6 24.4 36.6#

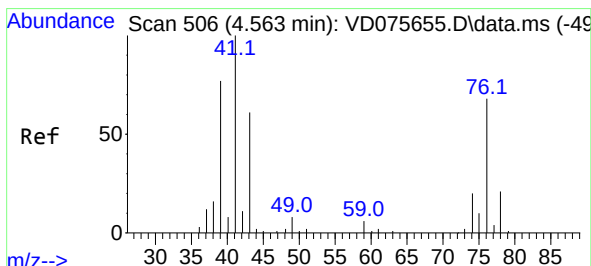
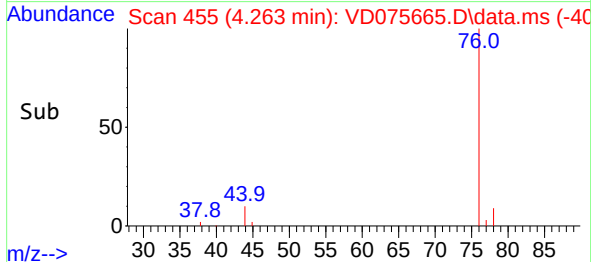
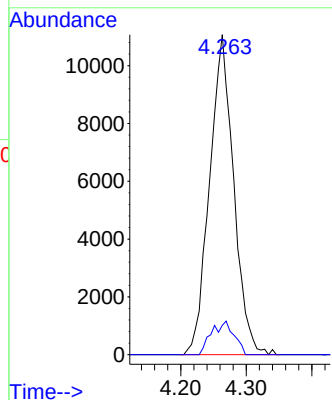
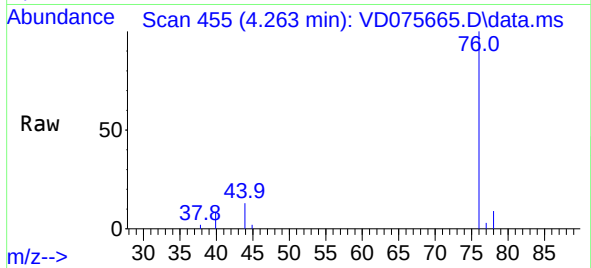




#17
Carbon Disulfide
Concen: 4.284 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

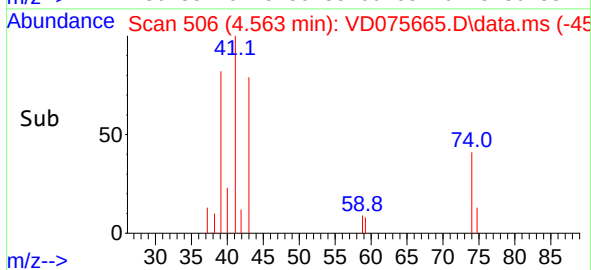
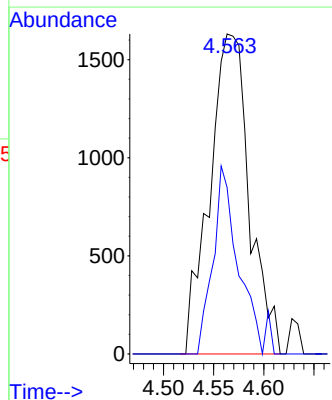
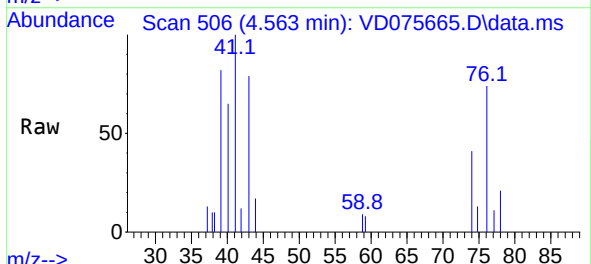
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

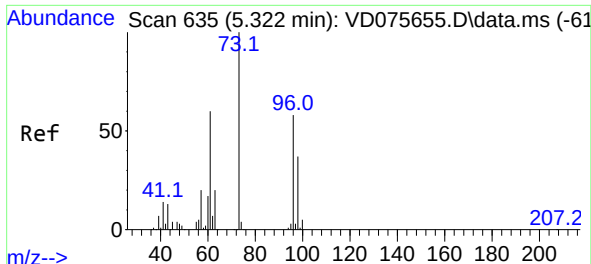
Tgt Ion: 76 Resp: 28275
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 4.270 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 43 Resp: 4508
Ion Ratio Lower Upper
43 100
74 36.6 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 4.064 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

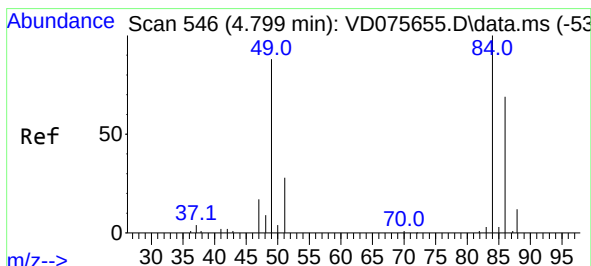
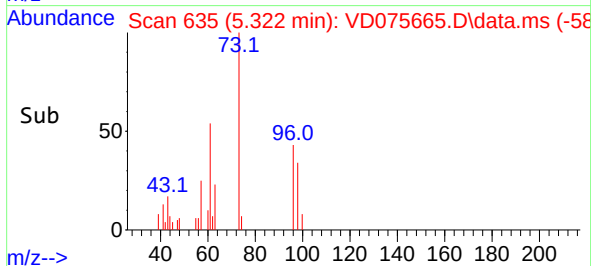
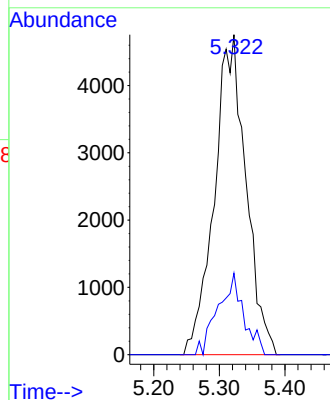
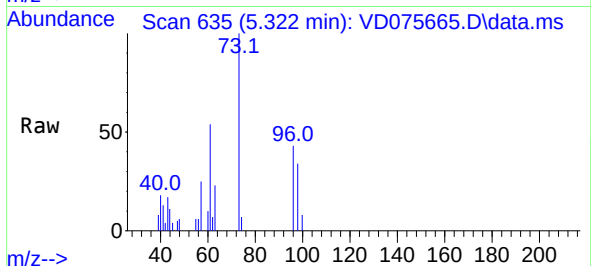
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 73 Resp: 15906

Ion Ratio Lower Upper

73 100

57 25.4 17.2 25.8



#20

Methylene Chloride

Concen: 4.626 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Tgt Ion: 84 Resp: 21344

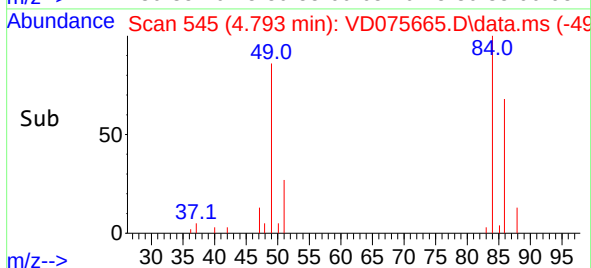
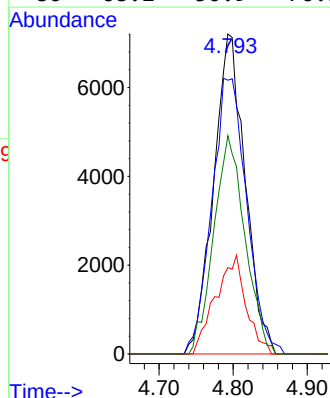
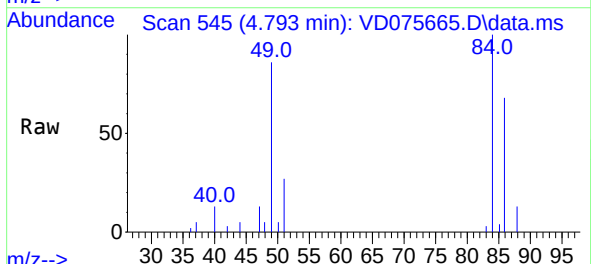
Ion Ratio Lower Upper

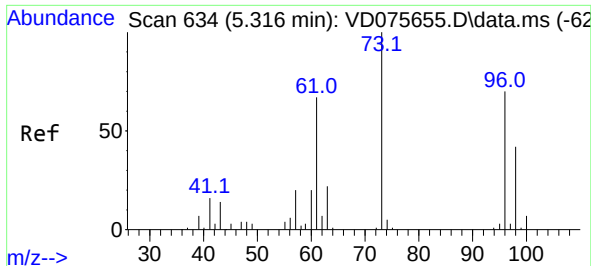
84 100

49 85.6 106.4 159.6#

51 27.0 32.4 48.6#

86 68.2 50.9 76.3

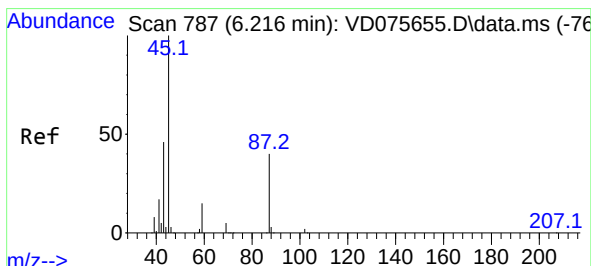
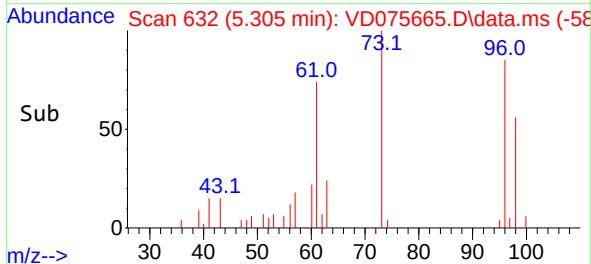
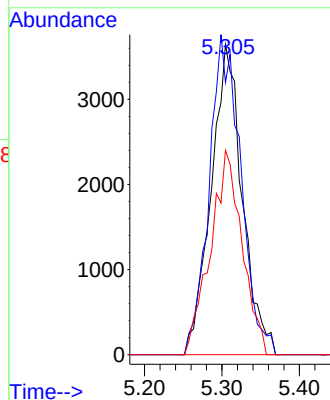
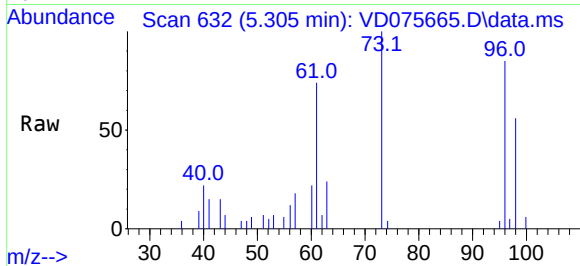




#21
trans-1,2-Dichloroethene
Concen: 4.245 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

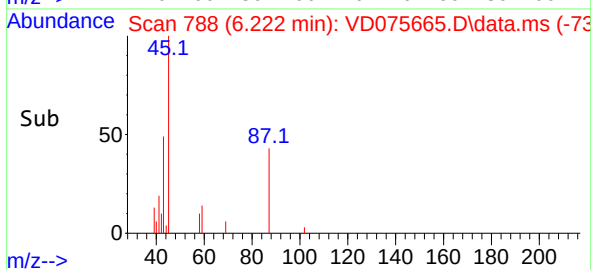
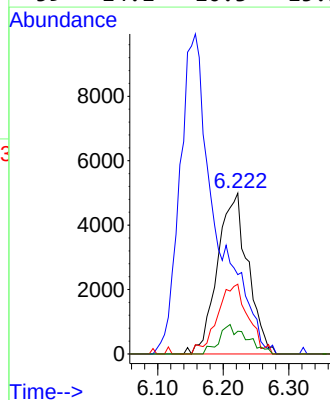
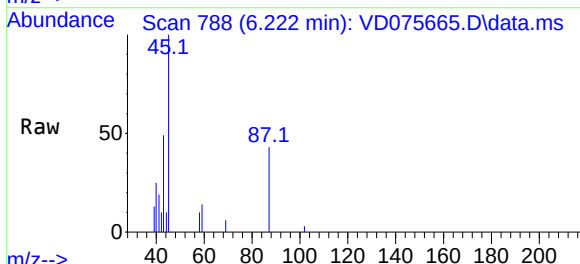
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

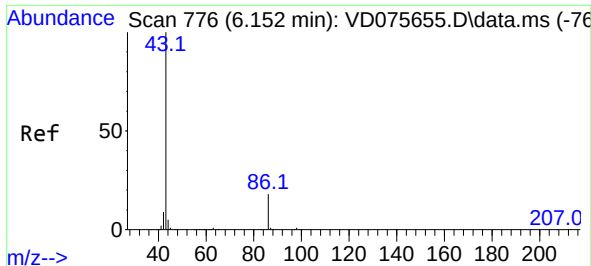
Tgt Ion: 96 Resp: 10196
Ion Ratio Lower Upper
96 100
61 87.8 117.2 175.8#
98 65.9 50.6 76.0



#22
Diisopropyl ether
Concen: 3.876 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 45 Resp: 16086
Ion Ratio Lower Upper
45 100
43 49.3 44.4 66.6
87 43.3 20.9 31.3#
59 14.1 10.3 15.5

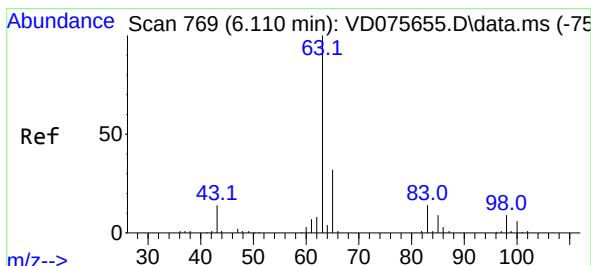
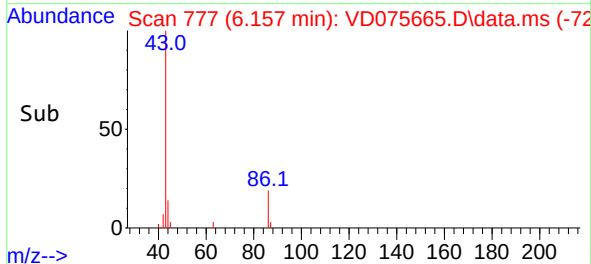
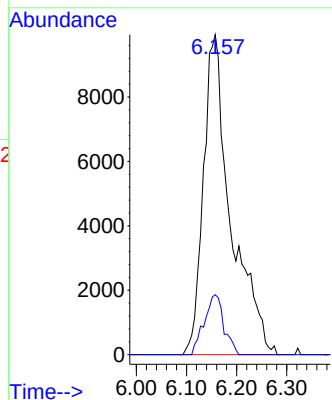
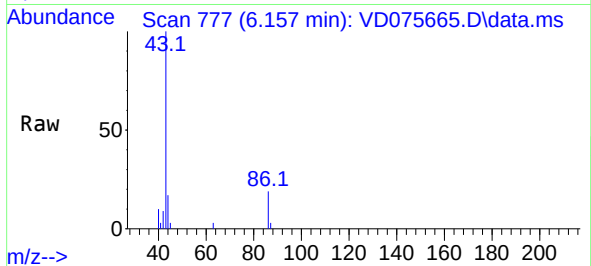




#23
Vinyl Acetate
Concen: 19.662 ug/l
RT: 6.157 min Scan# 776
Delta R.T. 0.005 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

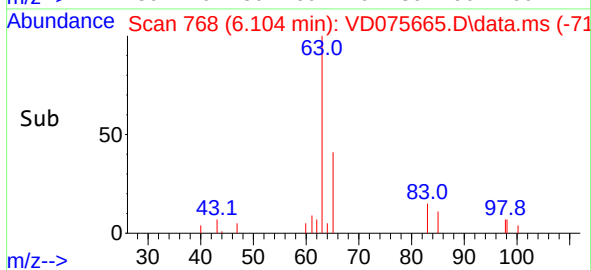
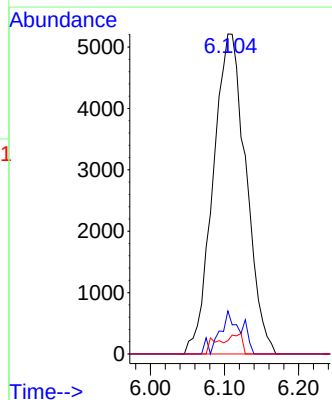
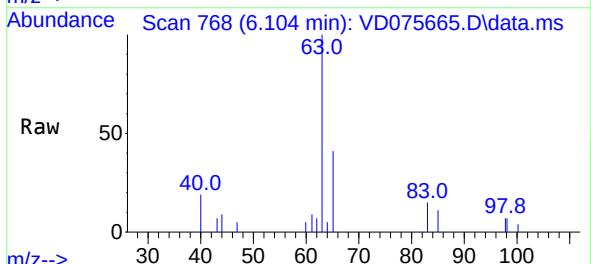
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

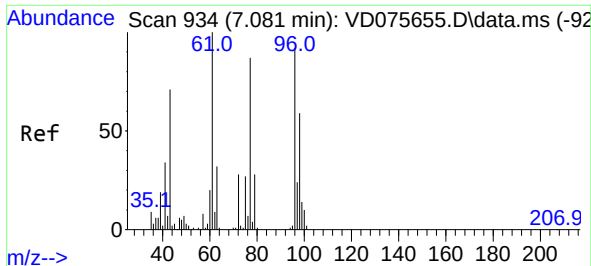
Tgt Ion: 43 Resp: 37903
Ion Ratio Lower Upper
43 100
86 18.7 9.0 13.6#



#24
1,1-Dichloroethane
Concen: 4.673 ug/l
RT: 6.104 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 63 Resp: 16070
Ion Ratio Lower Upper
63 100
98 13.4 3.9 11.7#
100 4.2 2.0 6.0

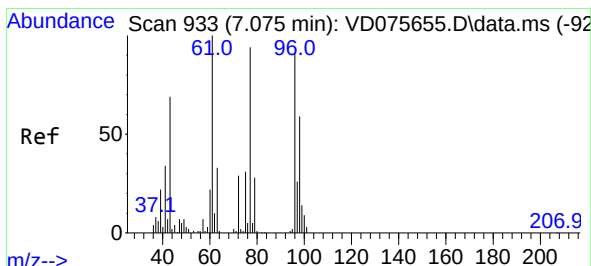
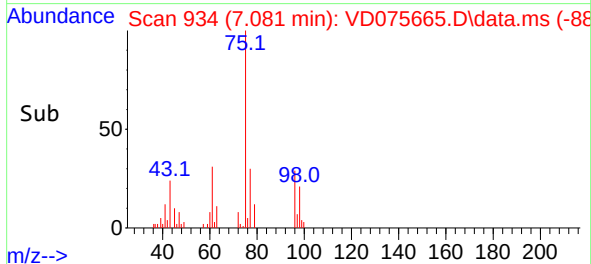
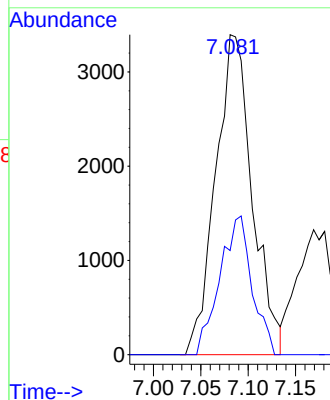
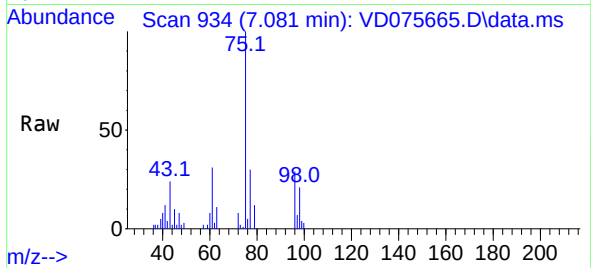




#25
2-Butanone
Concen: 22.715 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

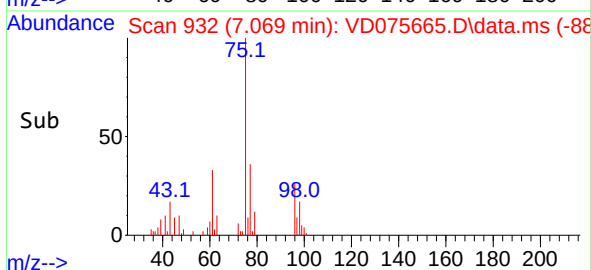
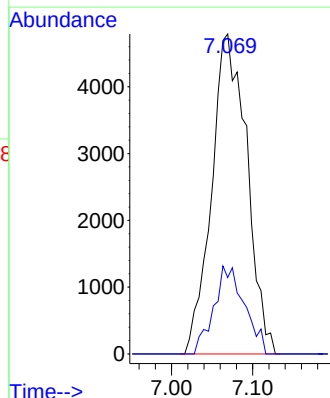
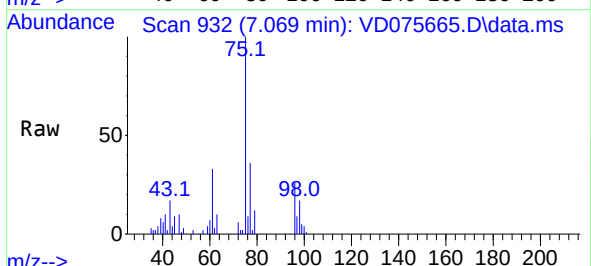
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

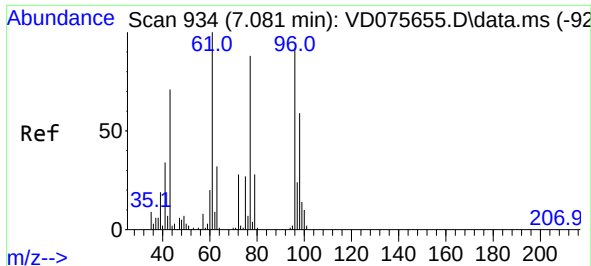
Tgt Ion: 43 Resp: 9157
Ion Ratio Lower Upper
43 100
72 32.5 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 4.628 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 77 Resp: 14428
Ion Ratio Lower Upper
77 100
97 23.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 4.268 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075665.D

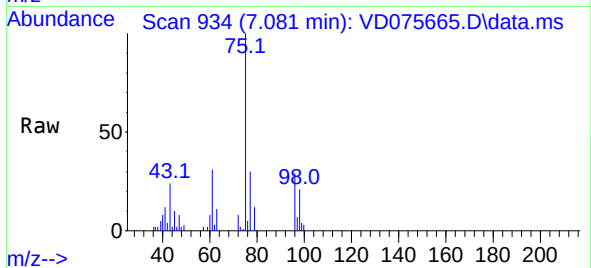
Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



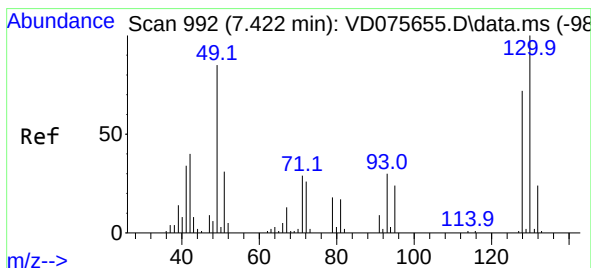
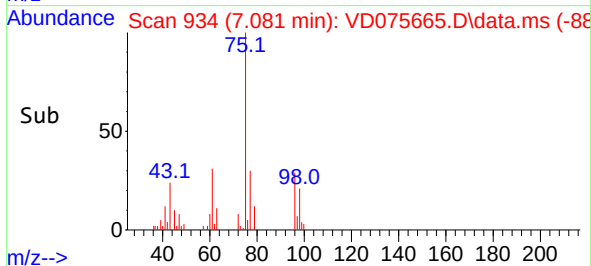
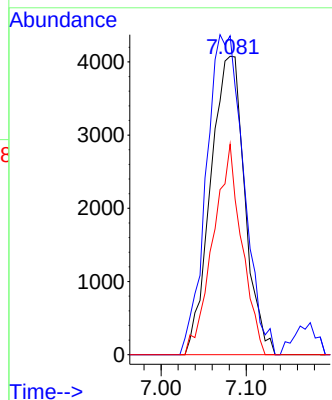
Tgt Ion: 96 Resp: 11356

Ion Ratio Lower Upper

96 100

61 117.2 0.0 295.2

98 59.3 0.0 129.2



#28

Bromochloromethane

Concen: 4.117 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

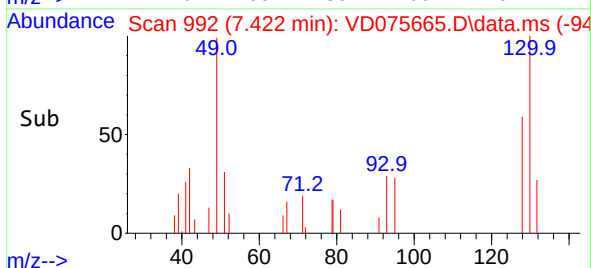
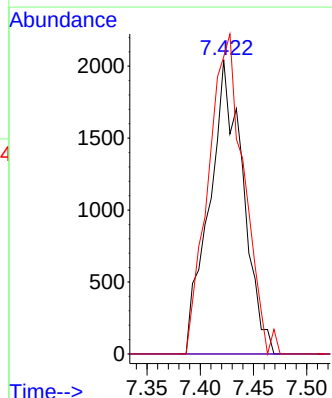
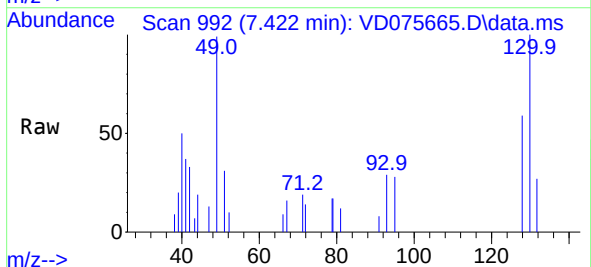
Tgt Ion: 49 Resp: 4476

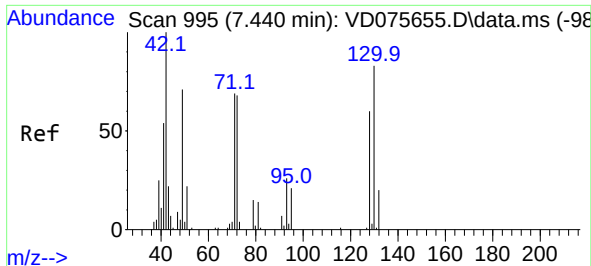
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 115.4 56.0 84.0#





#29

Tetrahydrofuran

Concen: 22.077 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.011 min

Lab File: VD075665.D

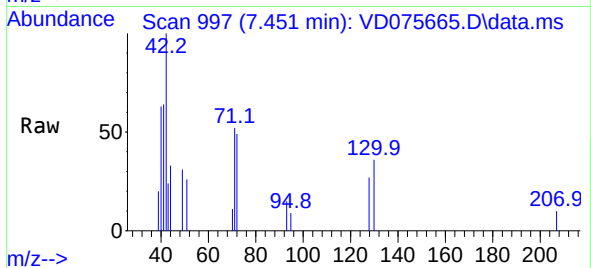
Acq: 13 Apr 2023 17:31

Instrument :

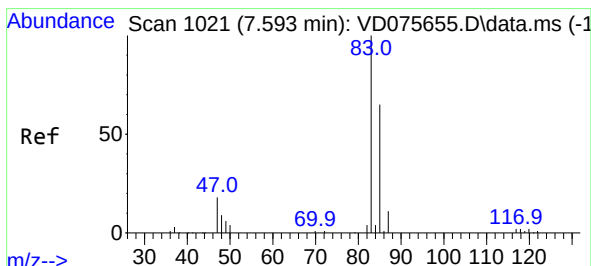
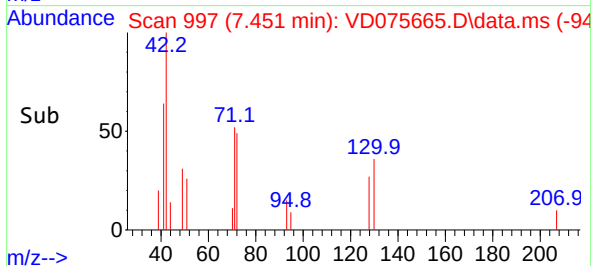
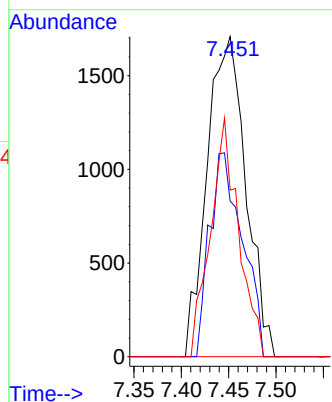
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023



Tgt Ion:	42	Resp:	4867
Ion	Ratio	Lower	Upper
42	100		
72	53.9	31.8	47.6#
71	54.0	27.6	41.4#



#30

Chloroform

Concen: 4.483 ug/l

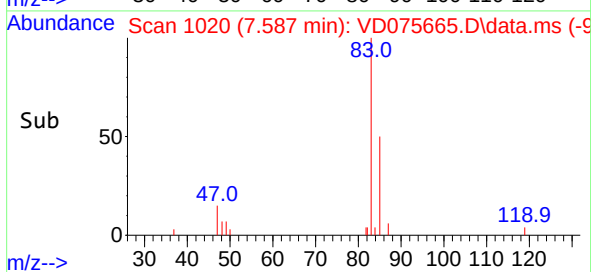
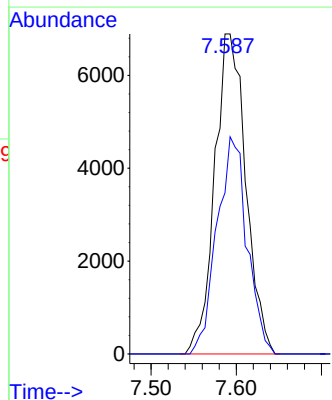
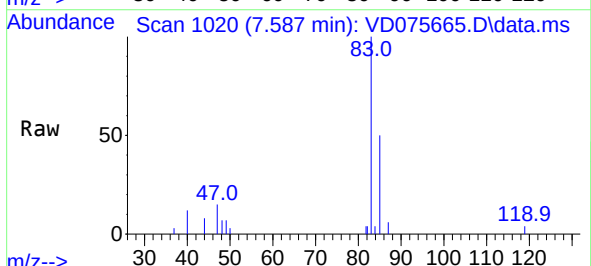
RT: 7.587 min Scan# 1020

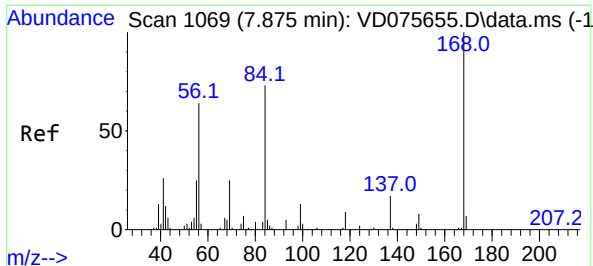
Delta R.T. -0.006 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Tgt Ion:	83	Resp:	17478
Ion	Ratio	Lower	Upper
83	100		
85	50.3	49.4	74.2

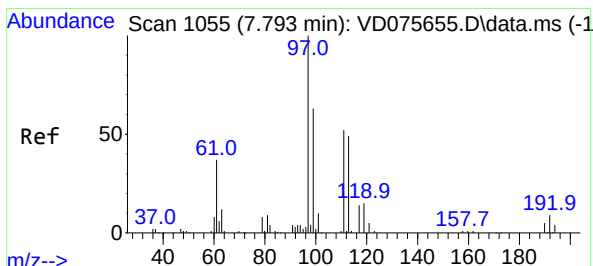
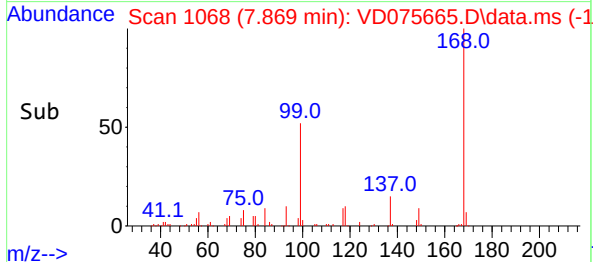
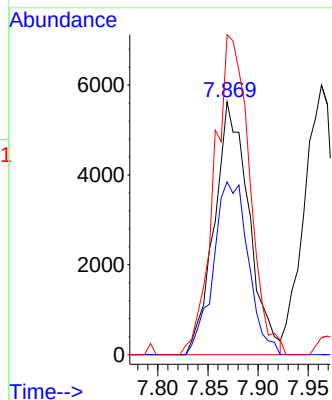
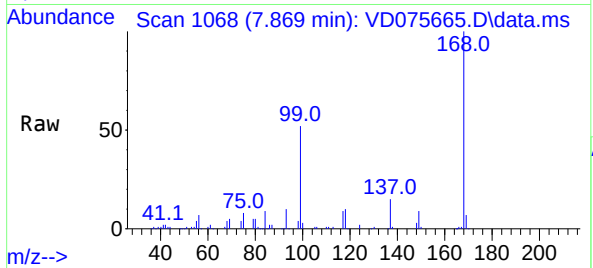




#31
Cyclohexane
Concen: 5.016 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

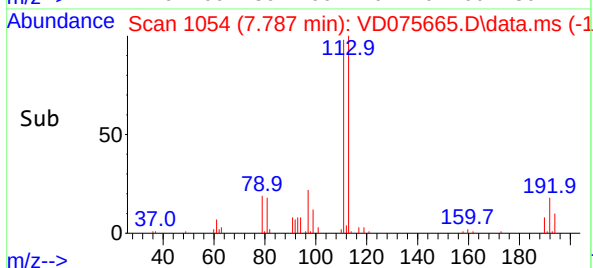
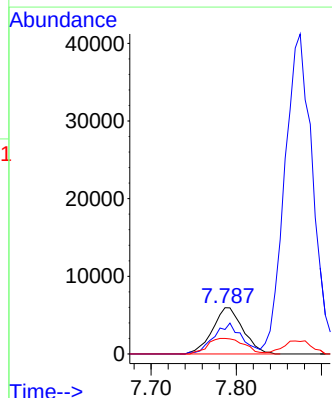
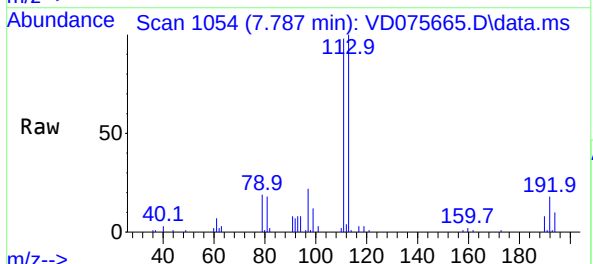
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

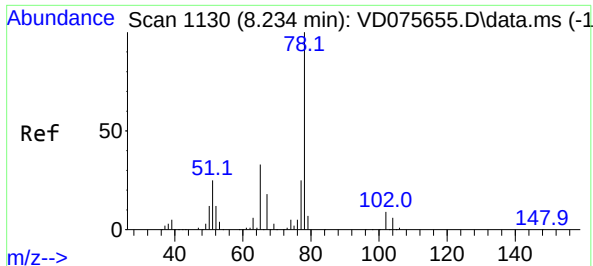
Tgt Ion: 56 Resp: 13453
Ion Ratio Lower Upper
56 100
69 68.3 25.5 38.3#
84 126.6 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 4.662 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 97 Resp: 14820
Ion Ratio Lower Upper
97 100
99 62.0 50.5 75.7
61 40.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 55.510 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

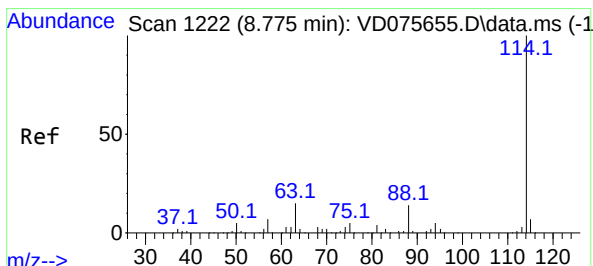
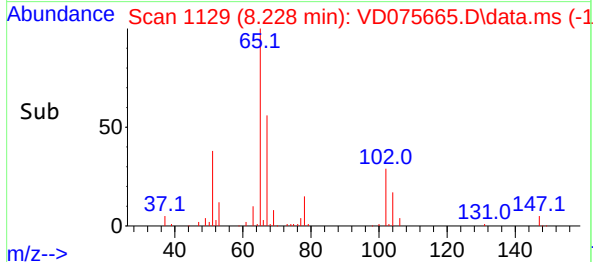
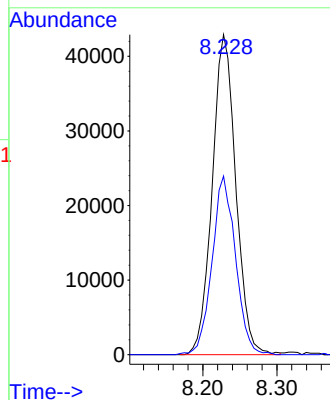
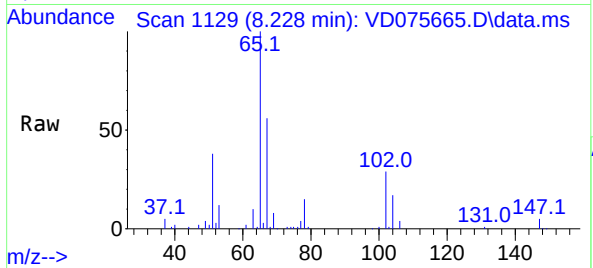
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 65 Resp: 94869

Ion Ratio Lower Upper

65 100

67 55.4 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: VD075665.D

Acq: 13 Apr 2023 17:31

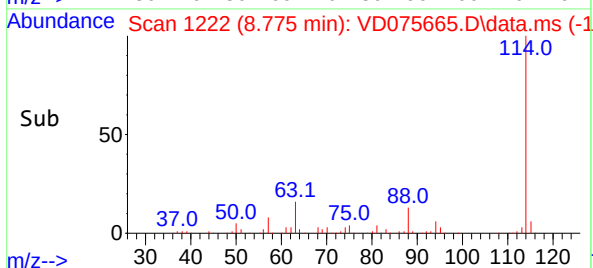
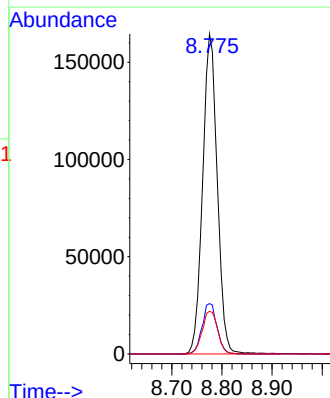
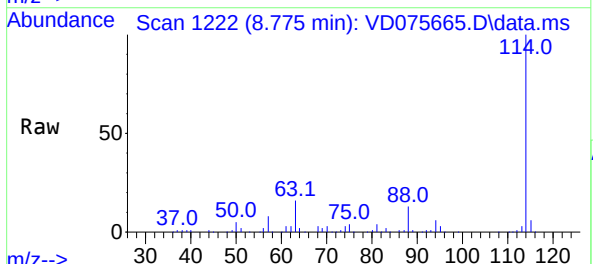
Tgt Ion: 114 Resp: 333544

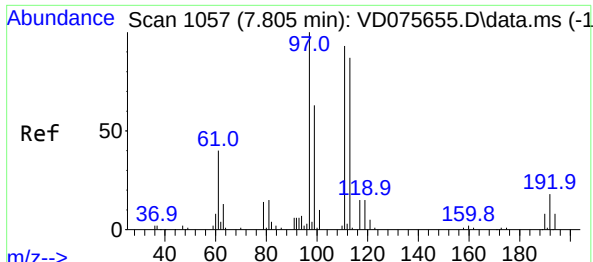
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 13.3 0.0 30.6

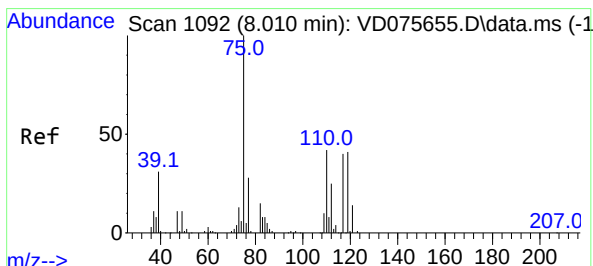
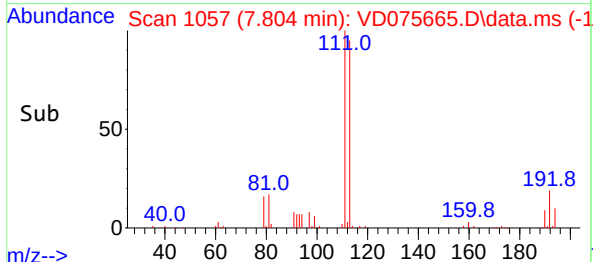
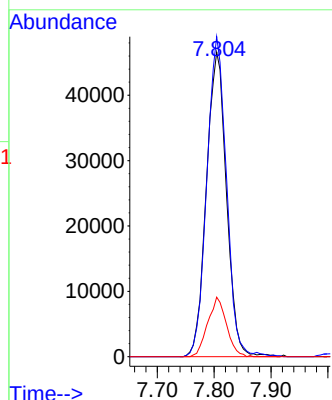
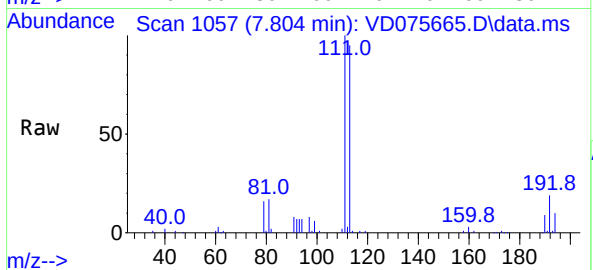




#35
Dibromofluoromethane
Concen: 50.926 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

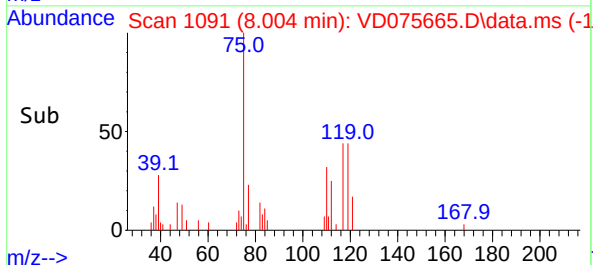
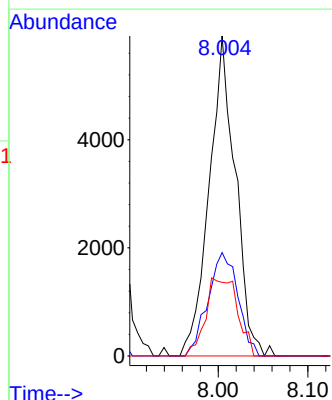
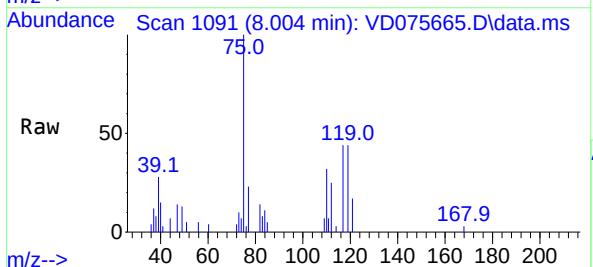
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

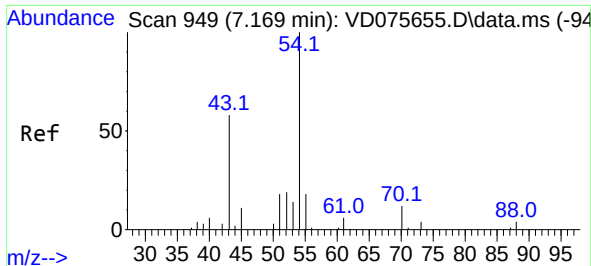
Tgt Ion:113 Resp: 114249
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.889 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 75 Resp: 12035
Ion Ratio Lower Upper
75 100
110 36.9 17.1 51.2
77 29.6 24.6 36.8





#37

Ethyl Acetate

Concen: 4.102 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

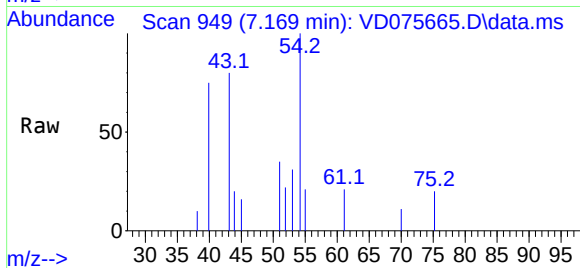
Tgt Ion: 43 Resp: 3864

Ion Ratio Lower Upper

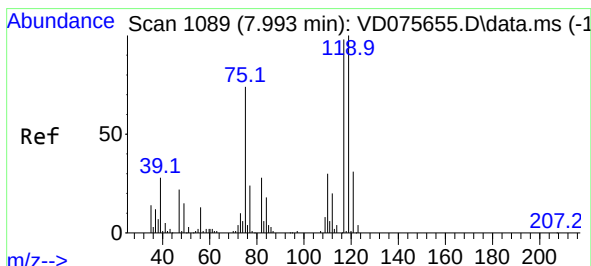
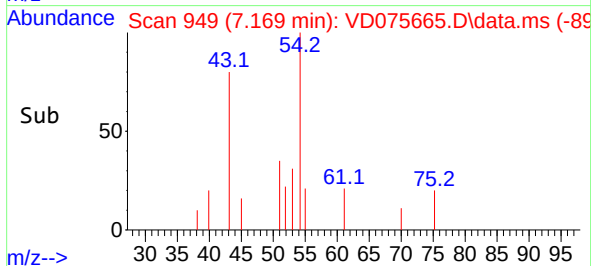
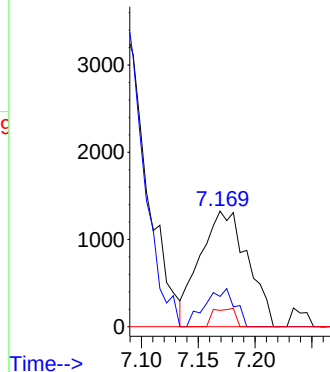
43 100

61 20.5 0.0 0.0#

70 7.2 5.6 8.4



Abundance



#38

Carbon Tetrachloride

Concen: 3.907 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. 0.005 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

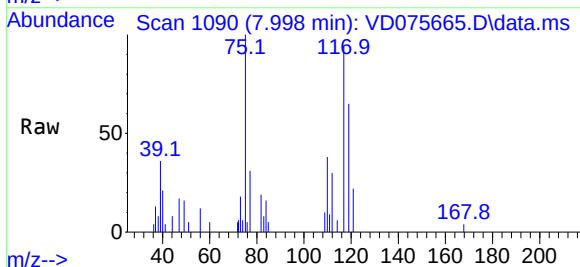
Tgt Ion: 117 Resp: 10648

Ion Ratio Lower Upper

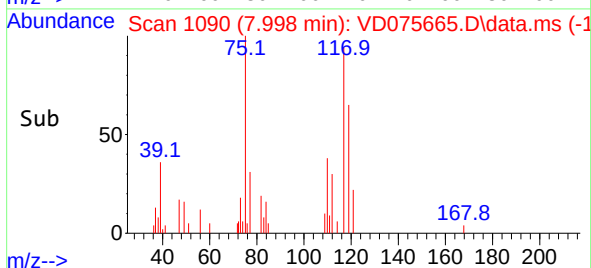
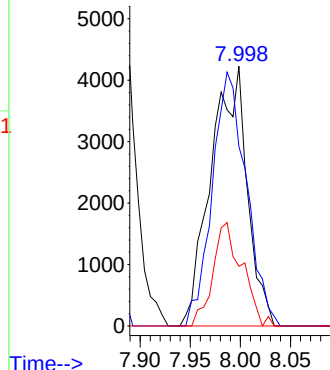
117 100

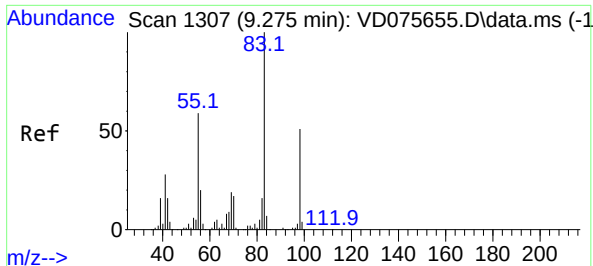
119 69.1 74.7 112.1#

121 23.0 25.9 38.9#



Abundance





#39

Methylcyclohexane

Concen: 3.661 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

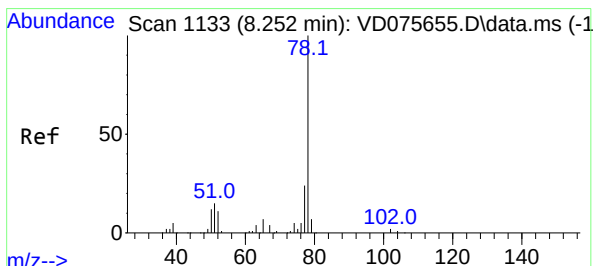
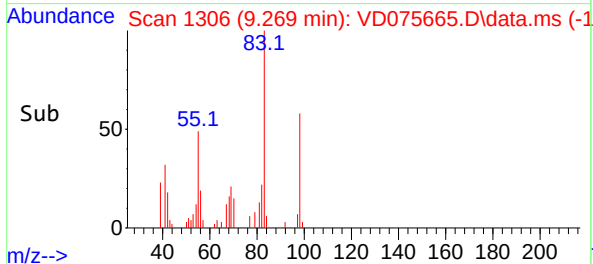
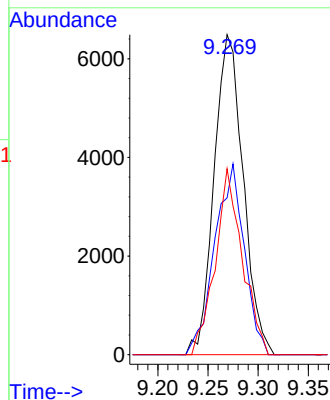
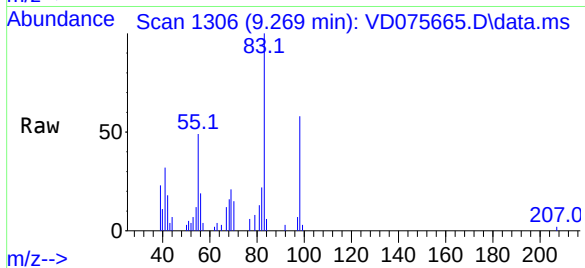
Tgt Ion: 83 Resp: 13102

Ion Ratio Lower Upper

83 100

55 49.0 56.8 85.2#

98 58.1 38.9 58.3



#40

Benzene

Concen: 4.085 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075665.D

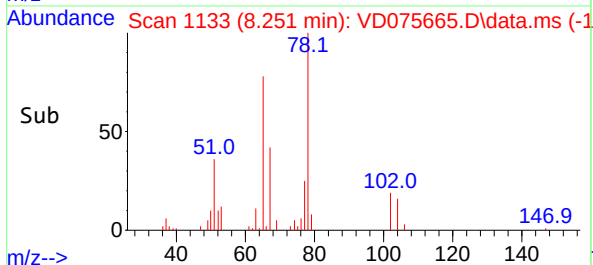
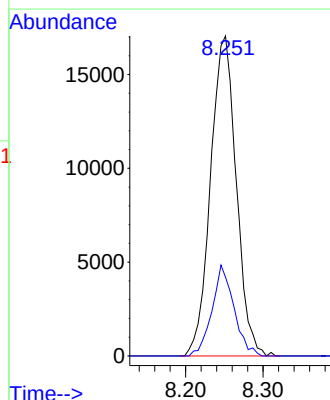
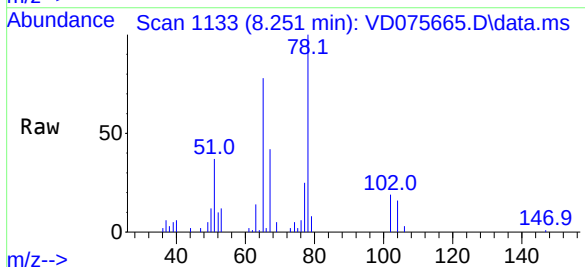
Acq: 13 Apr 2023 17:31

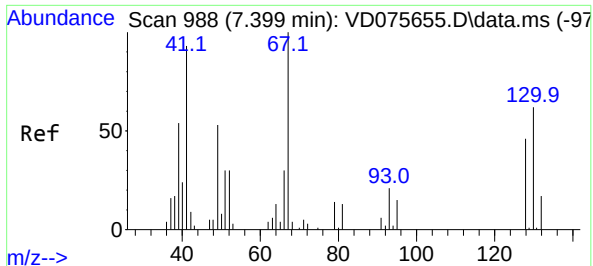
Tgt Ion: 78 Resp: 39305

Ion Ratio Lower Upper

78 100

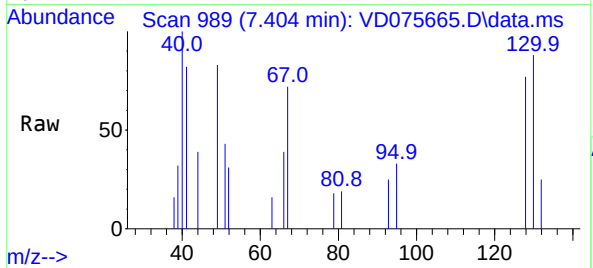
77 24.7 19.1 28.7





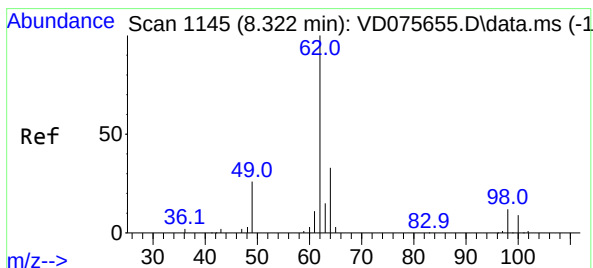
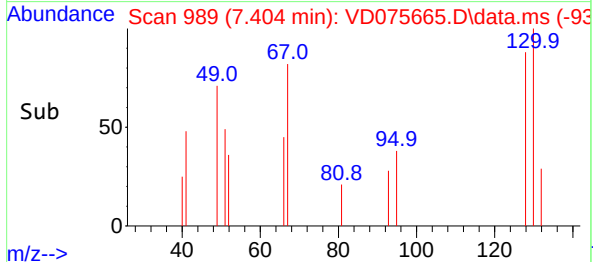
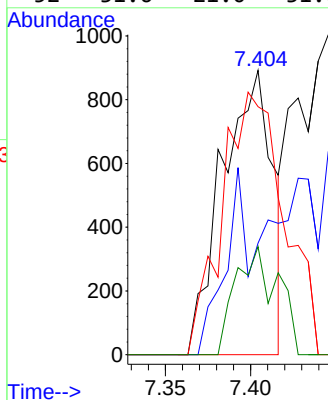
#41
Methacrylonitrile
Concen: 4.064 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

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



Tgt Ion: 41 Resp: 1837

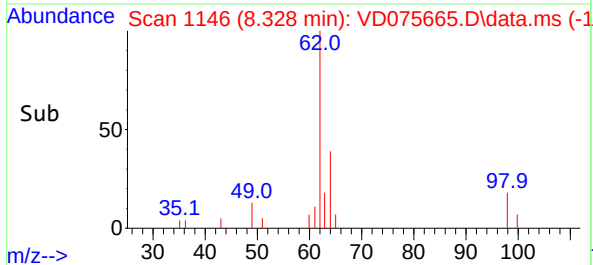
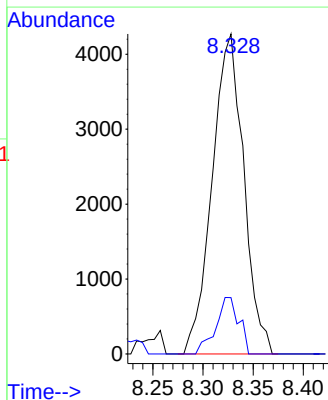
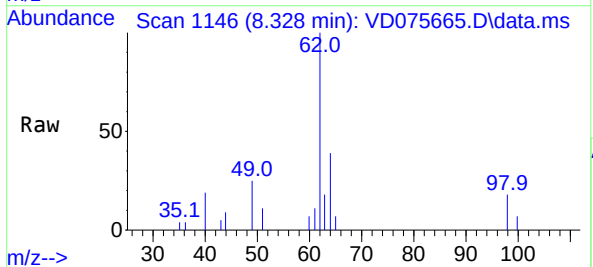
Ion	Ratio	Lower	Upper
41	100		
39	27.9	45.3	67.9#
67	113.5	50.5	75.7#
52	31.6	21.0	31.6#

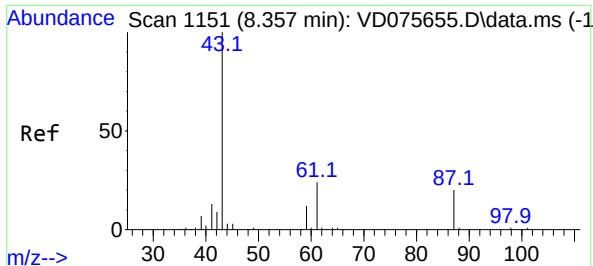


#42
1,2-Dichloroethane
Concen: 4.281 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 62 Resp: 9356

Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	18.8

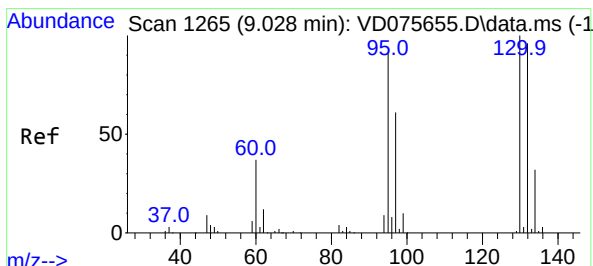
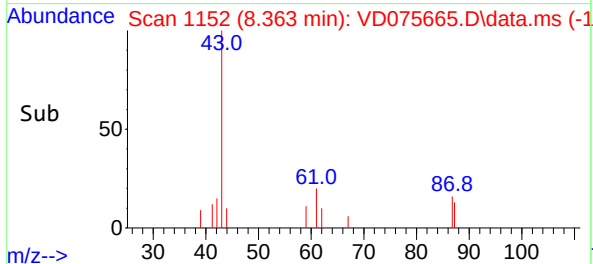
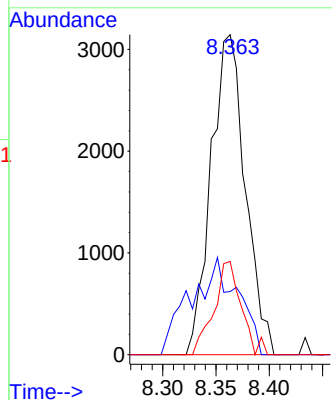
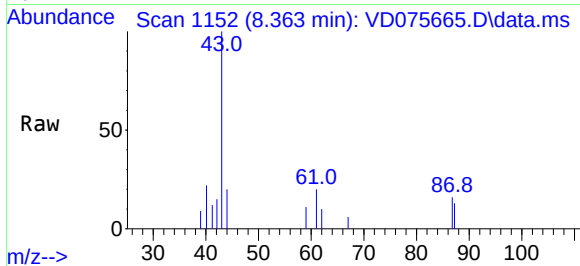




#43
Isopropyl Acetate
Concen: 4.097 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

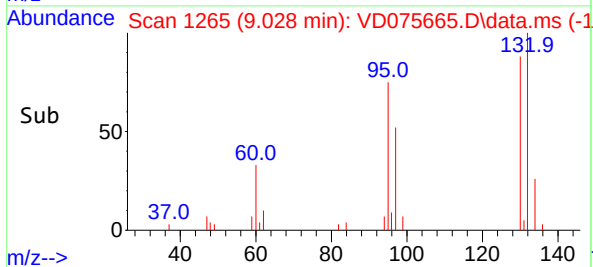
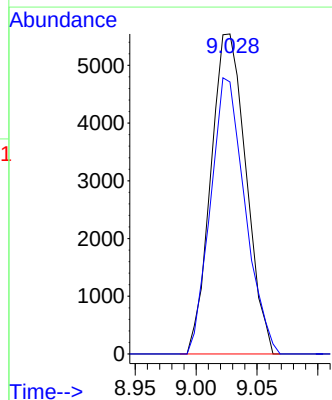
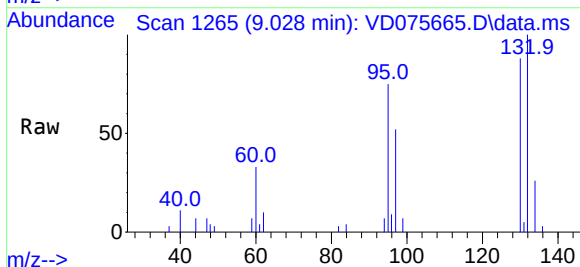
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

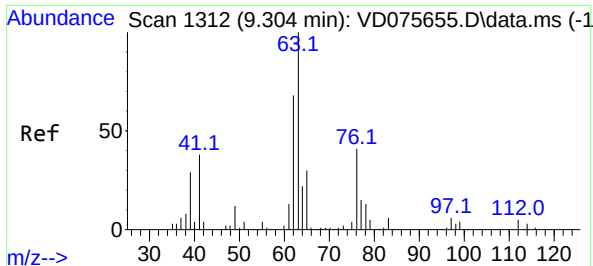
Tgt Ion: 43 Resp: 7037
Ion Ratio Lower Upper
43 100
61 41.5 23.4 35.0#
87 23.1 9.5 14.3#



#44
Trichloroethene
Concen: 4.098 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:130 Resp: 11159
Ion Ratio Lower Upper
130 100
95 85.0 0.0 197.6

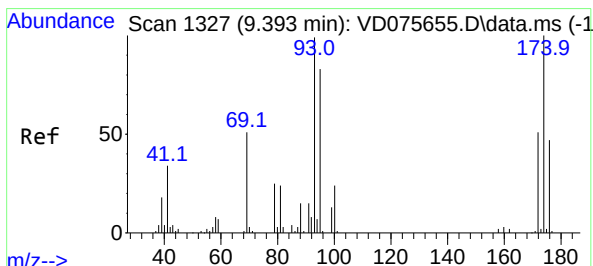
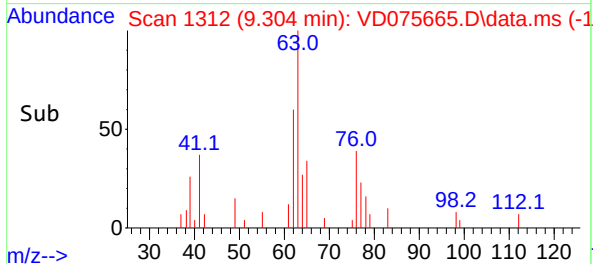
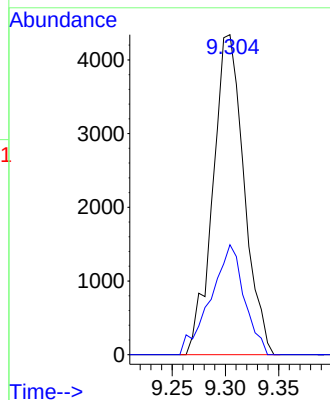
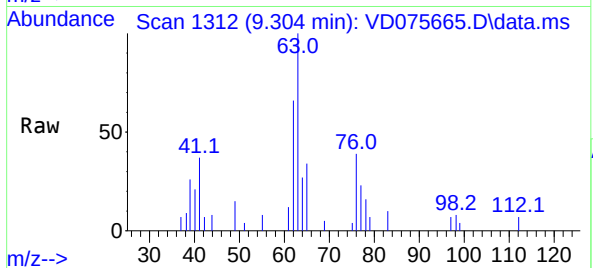




#45
1,2-Dichloropropane
Concen: 4.098 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

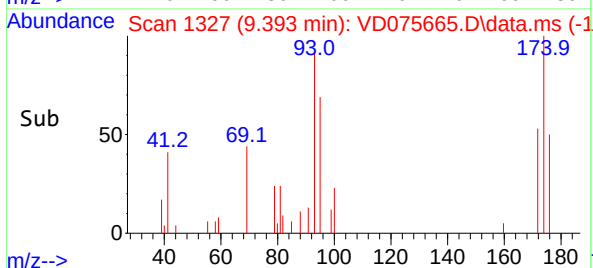
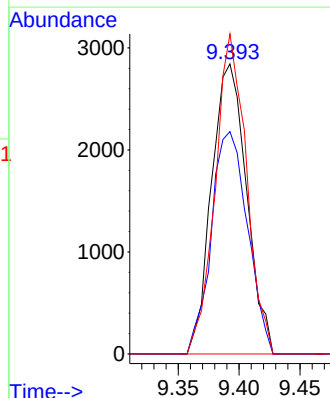
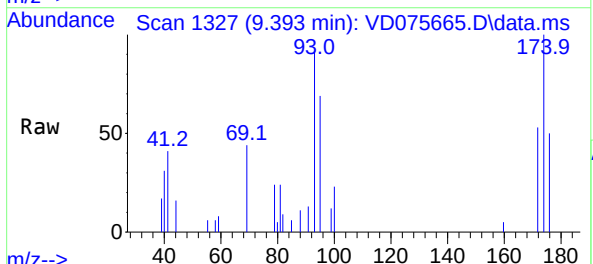
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

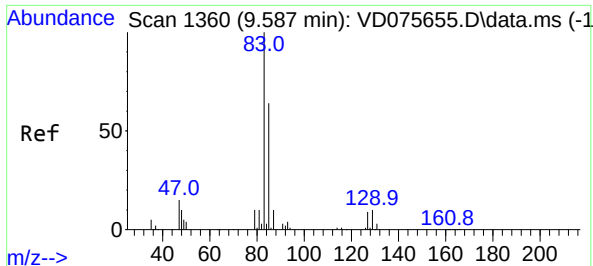
Tgt Ion: 63 Resp: 8835
Ion Ratio Lower Upper
63 100
65 34.4 23.0 34.4



#46
Dibromomethane
Concen: 4.159 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 93 Resp: 5689
Ion Ratio Lower Upper
93 100
95 79.3 64.5 96.7
174 98.5 76.2 114.4

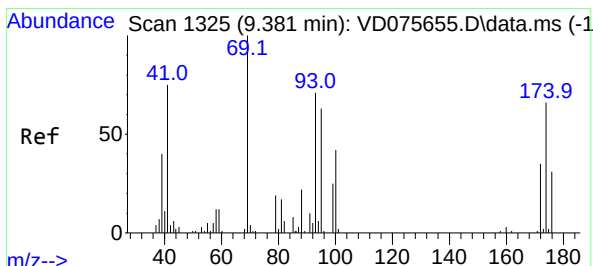
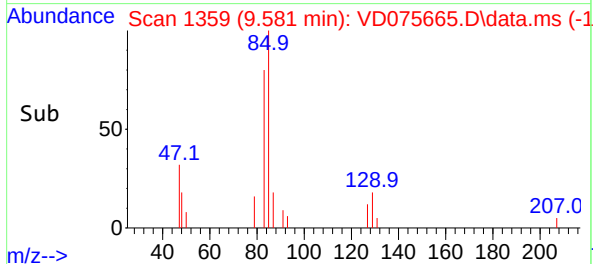
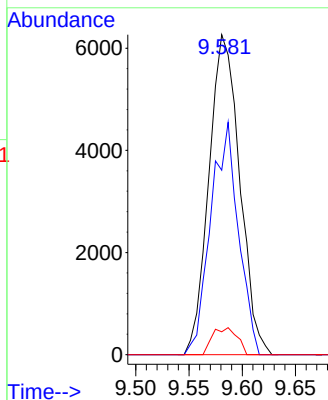
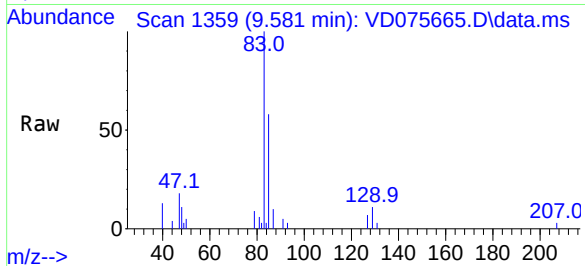




#47
Bromodichloromethane
Concen: 4.026 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

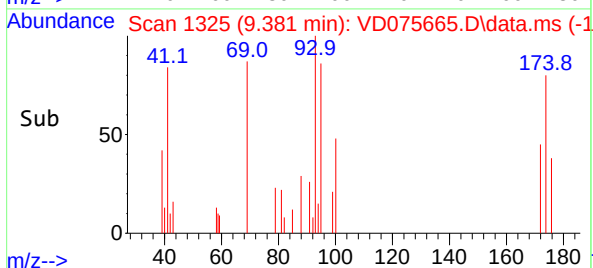
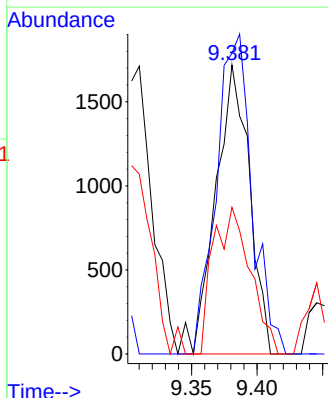
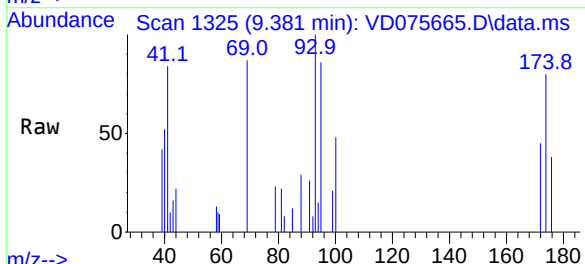
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

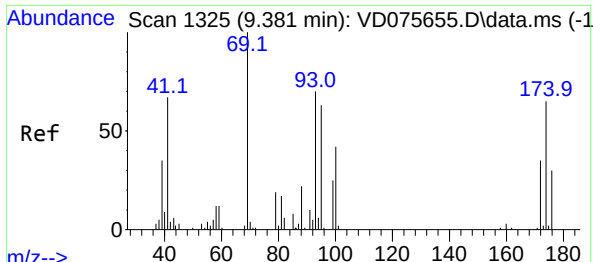
Tgt Ion:	83	Resp:	12597
Ion	Ratio	Lower	Upper
83	100		
85	57.7	53.7	80.5
127	7.1	7.0	10.6



#48
Methyl methacrylate
Concen: 4.042 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

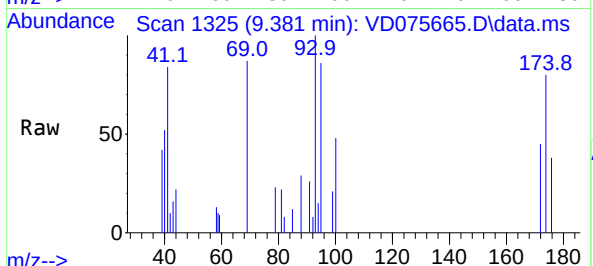
Tgt Ion:	41	Resp:	3093
Ion	Ratio	Lower	Upper
41	100		
69	116.5	58.6	88.0#
39	55.5	53.4	80.0



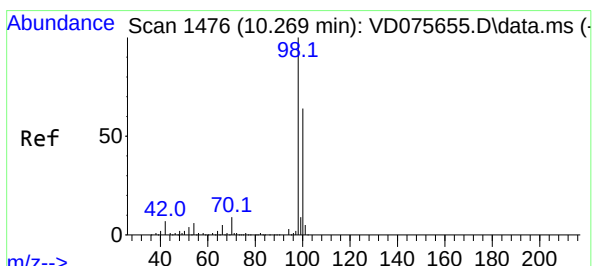
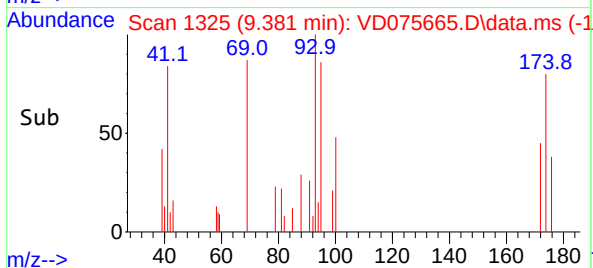
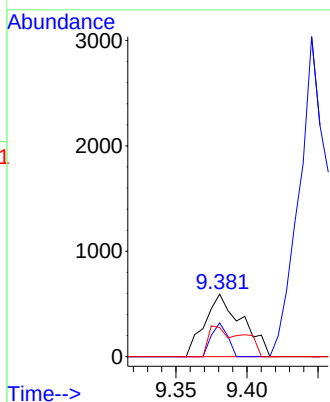


#49
1,4-Dioxane
Concen: 79.951 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

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

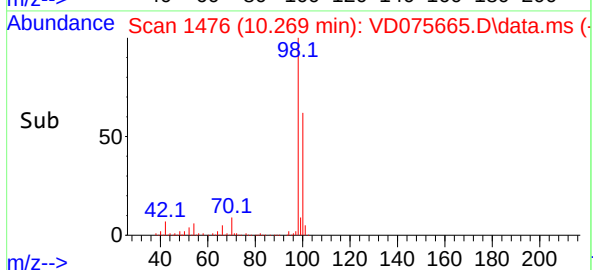
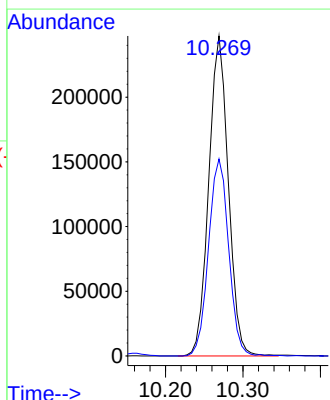
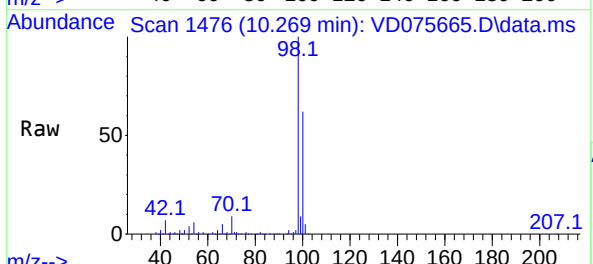


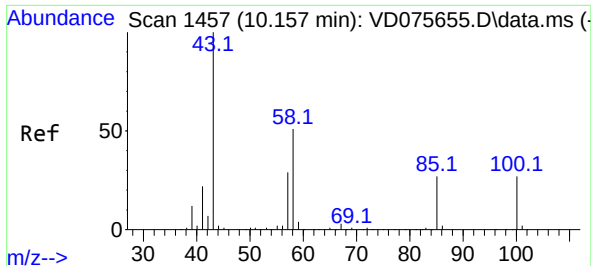
Tgt Ion: 88 Resp: 1085
Ion Ratio Lower Upper
88 100
43 23.3 34.6 51.8#
58 44.1 58.0 87.0#



#50
Toluene-d8
Concen: 48.294 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 98 Resp: 433874
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

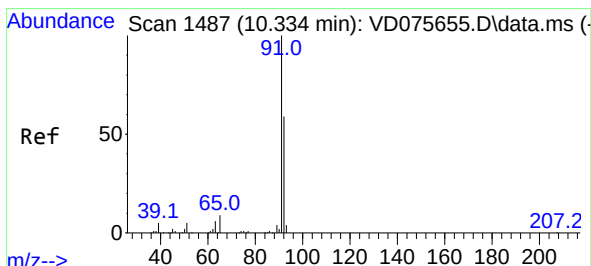
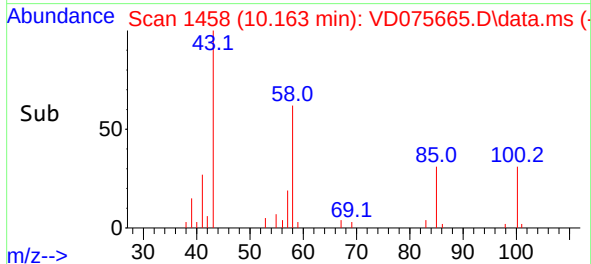
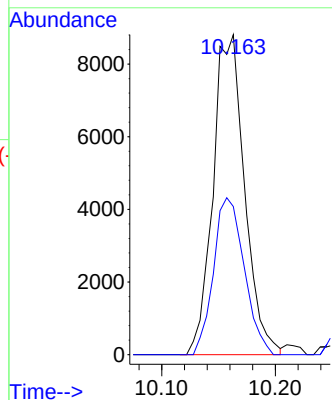
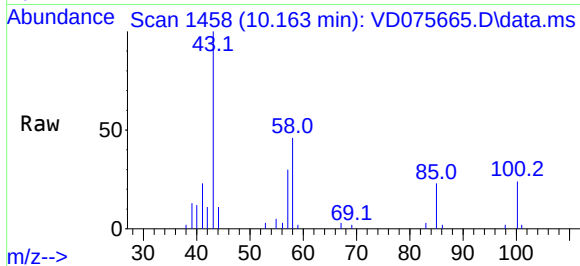




#51
4-Methyl-2-Pentanone
Concen: 18.547 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

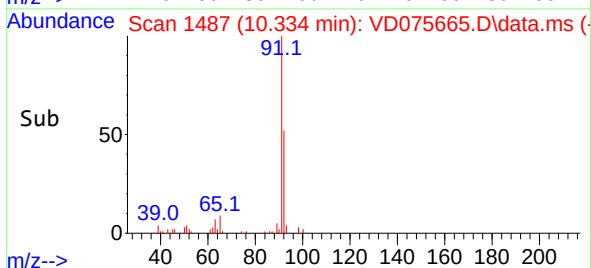
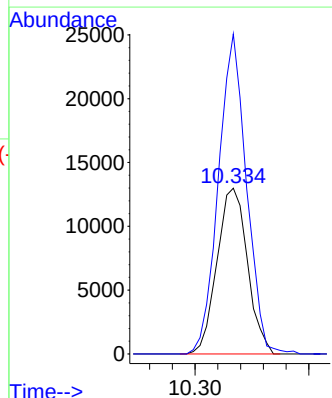
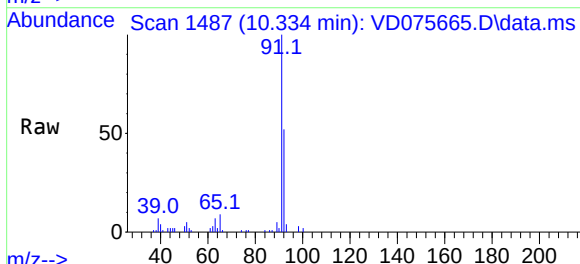
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

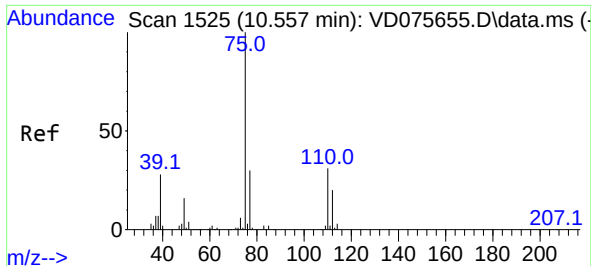
Tgt Ion: 43 Resp: 16984
Ion Ratio Lower Upper
43 100
58 47.8 29.5 44.3#



#52
Toluene
Concen: 3.774 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 92 Resp: 24148
Ion Ratio Lower Upper
92 100
91 178.2 136.5 204.7

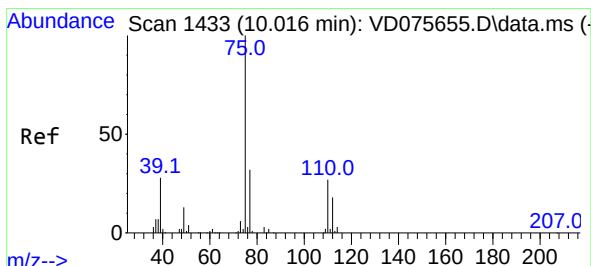
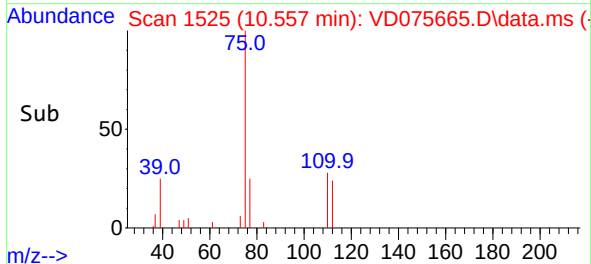
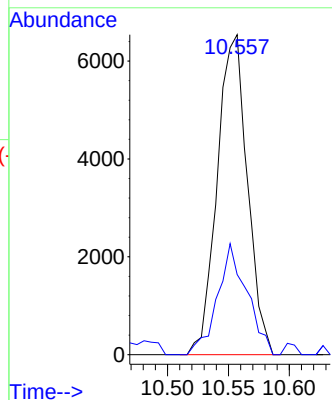
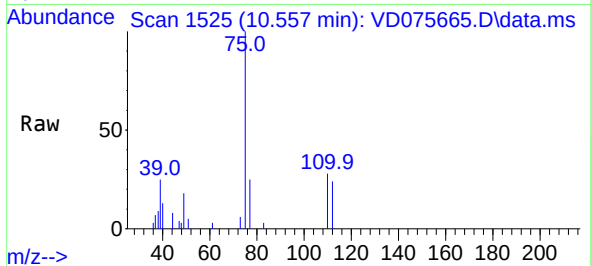




#53
t-1,3-Dichloropropene
Concen: 3.759 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

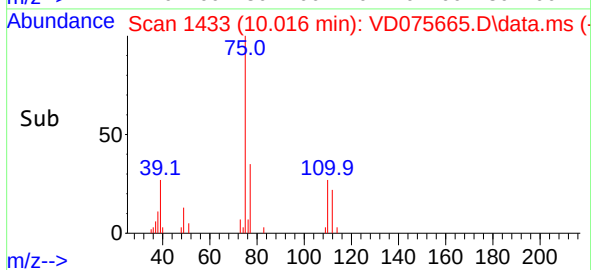
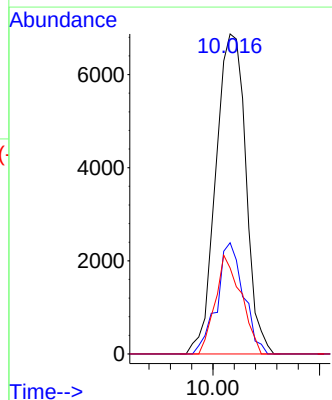
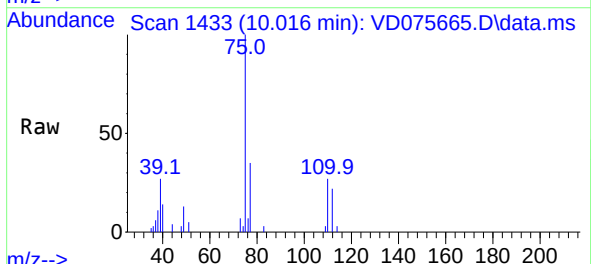
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

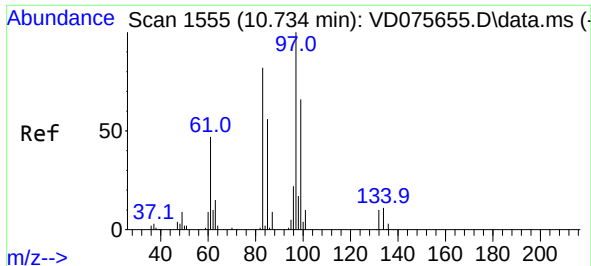
Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
77 25.0 26.3 39.5#



#54
cis-1,3-Dichloropropene
Concen: 3.768 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 75 Resp: 13429
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4
39 26.9 44.8 67.2#

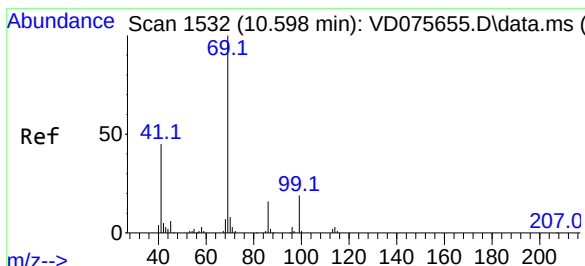
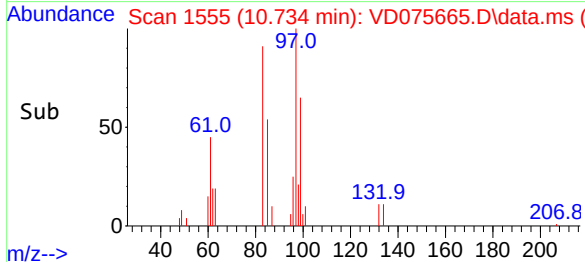
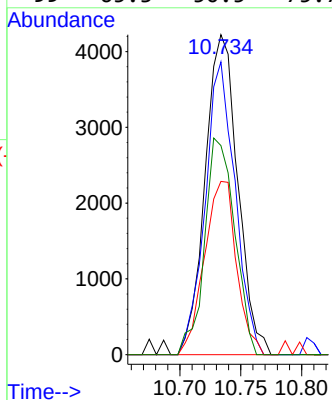
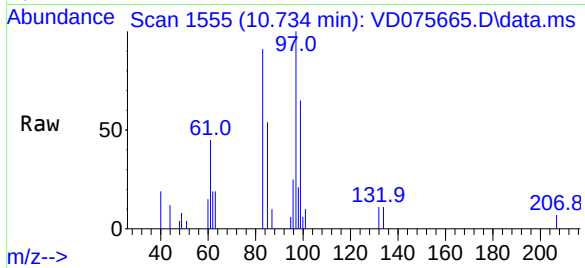




#55
1,1,2-Trichloroethane
Concen: 3.977 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

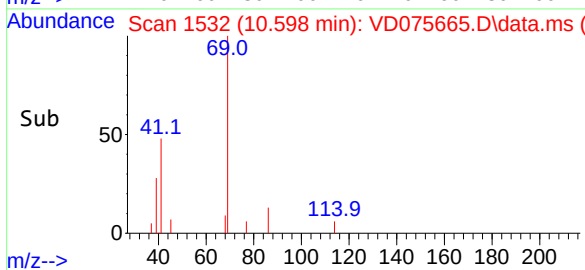
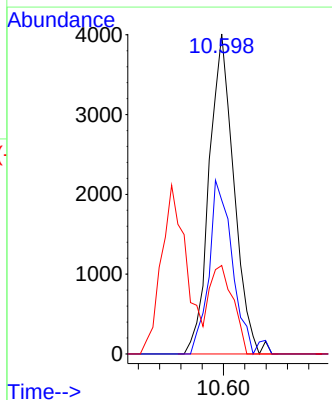
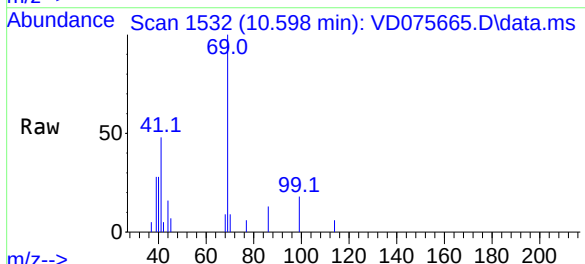
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

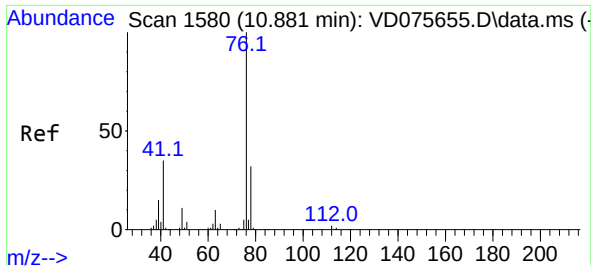
Tgt Ion:	97	Resp:	7877
Ion	Ratio	Lower	Upper
97	100		
83	91.5	74.2	111.4
85	54.1	45.4	68.0
99	65.3	50.5	75.7



#56
Ethyl methacrylate
Concen: 3.319 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:	69	Resp:	6469
Ion	Ratio	Lower	Upper
69	100		
41	52.4	59.3	88.9#
39	26.3	36.0	54.0#

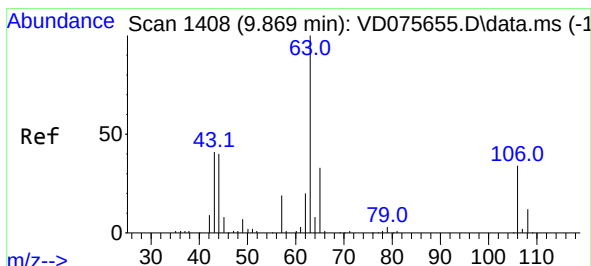
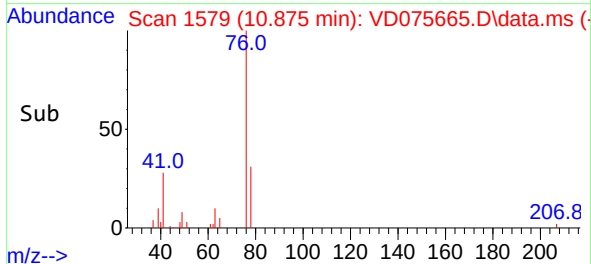
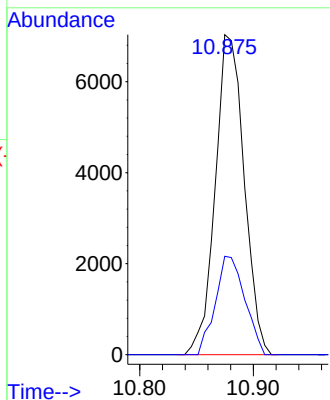
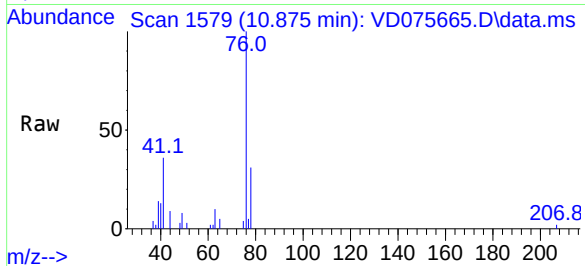




#57
1,3-Dichloropropane
Concen: 4.130 ug/l
RT: 10.875 min Scan# 1580
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

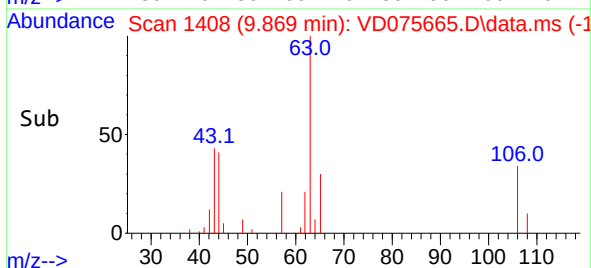
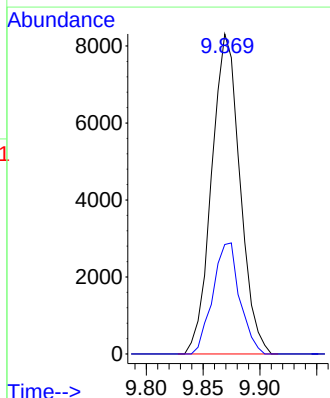
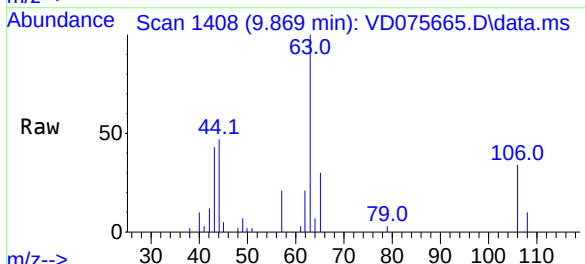
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

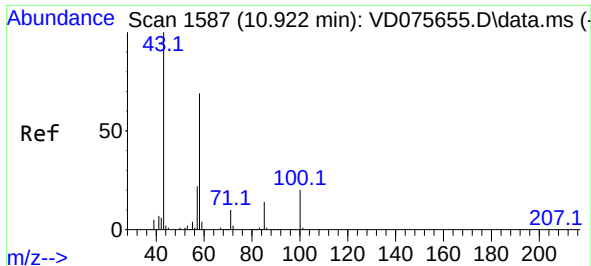
Tgt Ion: 76 Resp: 12419
Ion Ratio Lower Upper
76 100
78 31.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 17.222 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 63 Resp: 14416
Ion Ratio Lower Upper
63 100
106 33.0 21.4 32.2#

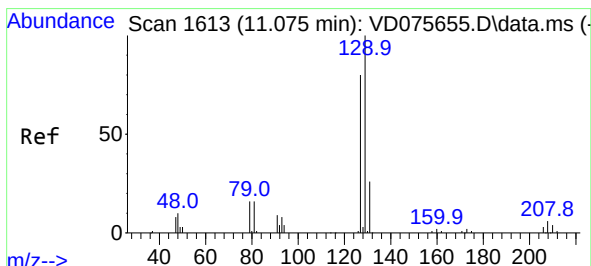
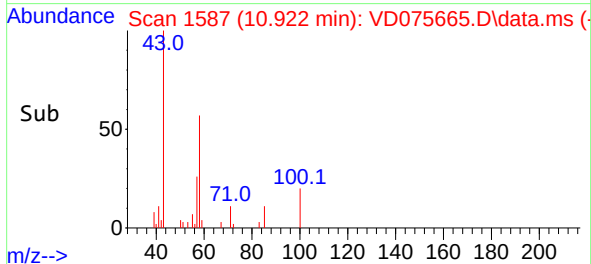
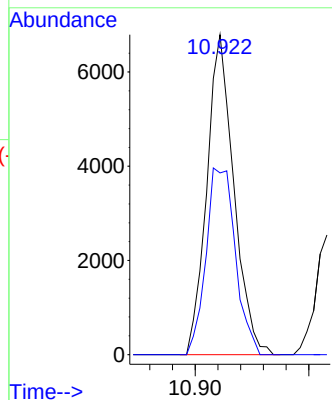
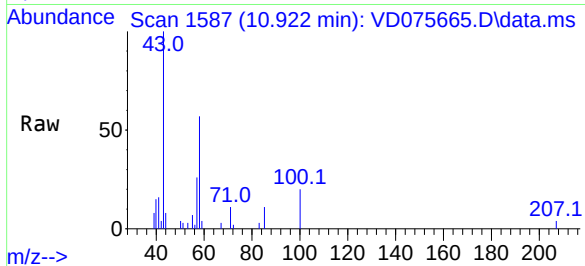




#59
2-Hexanone
Concen: 17.398 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

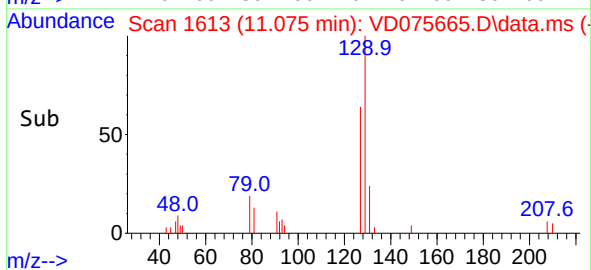
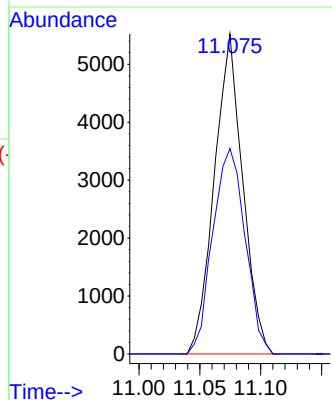
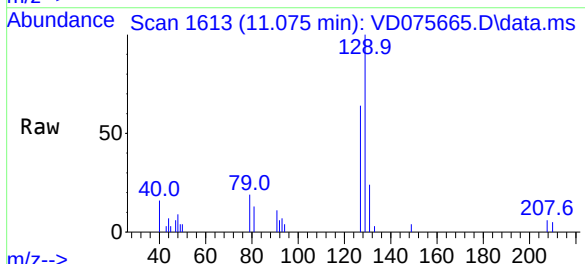
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

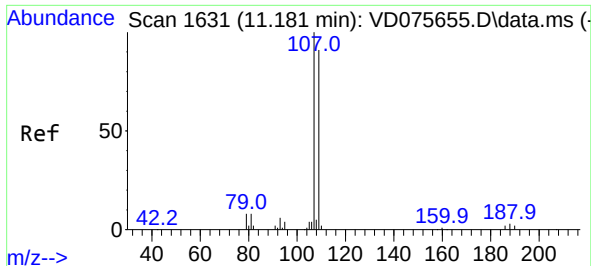
Tgt Ion: 43 Resp: 11202
Ion Ratio Lower Upper
43 100
58 63.3 25.3 75.8



#60
Dibromochloromethane
Concen: 3.871 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 129 Resp: 8971
Ion Ratio Lower Upper
129 100
127 73.1 38.1 114.5

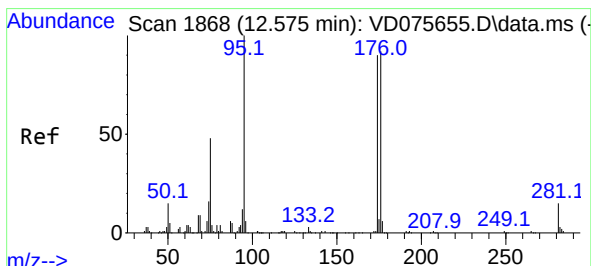
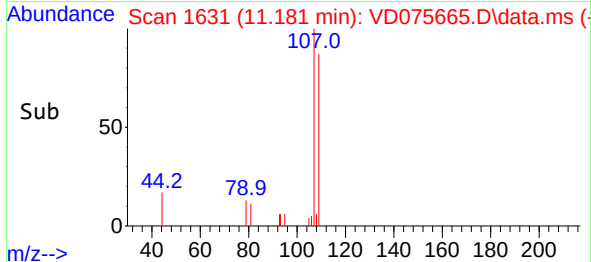
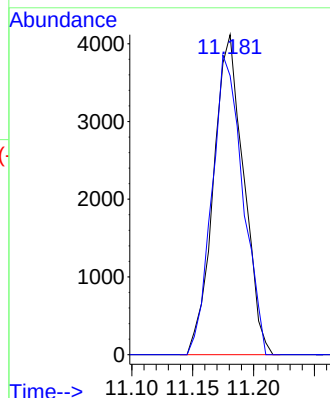
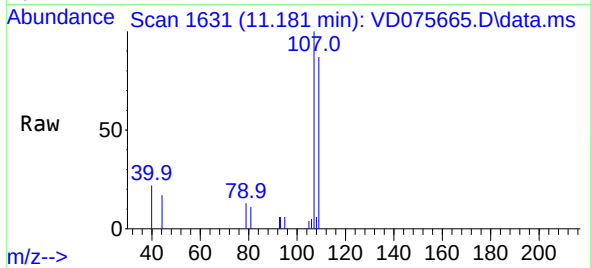




#61
1,2-Dibromoethane
Concen: 3.763 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

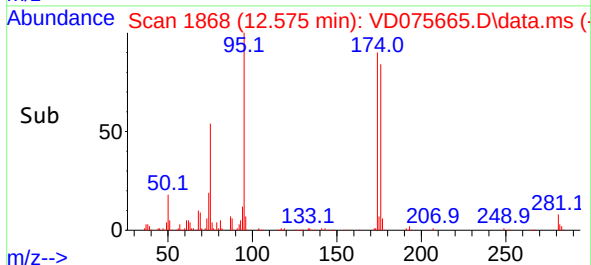
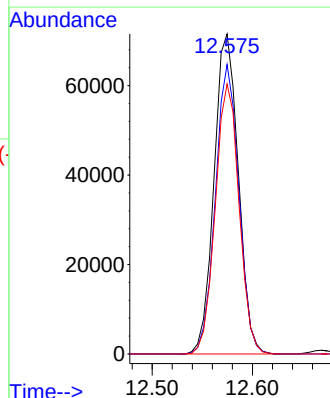
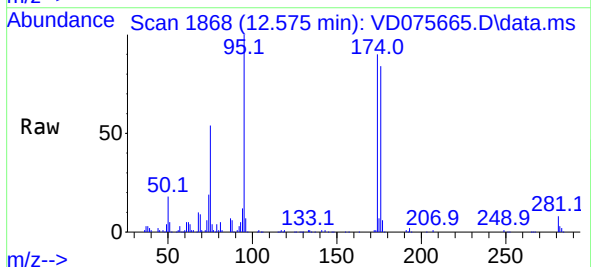
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

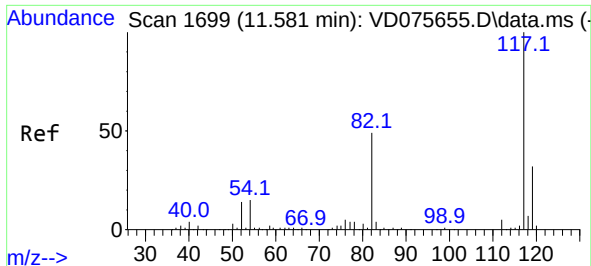
Tgt Ion:107 Resp: 7109
Ion Ratio Lower Upper
107 100
109 95.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 50.308 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 95 Resp: 120131
Ion Ratio Lower Upper
95 100
174 87.6 0.0 164.0
176 82.5 0.0 156.8

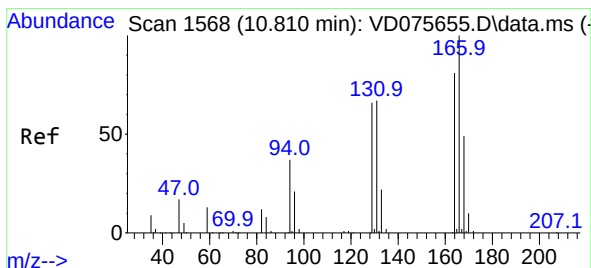
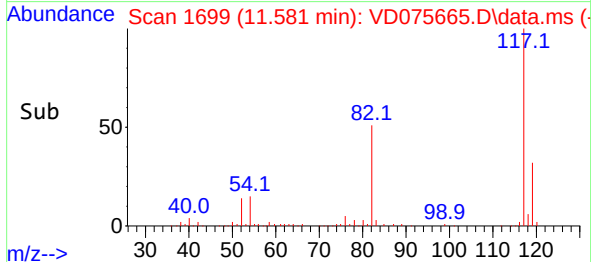
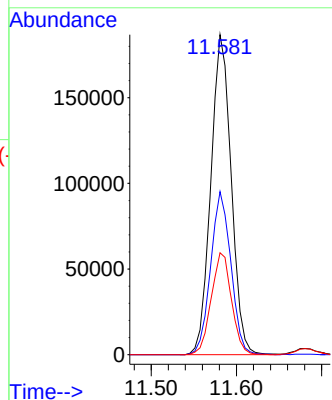
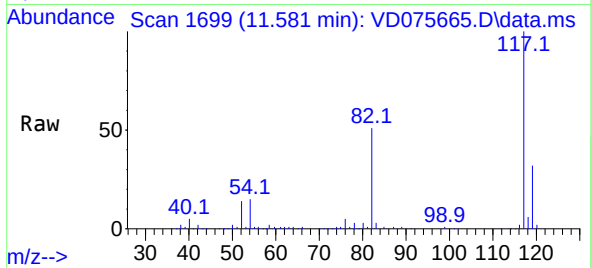




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

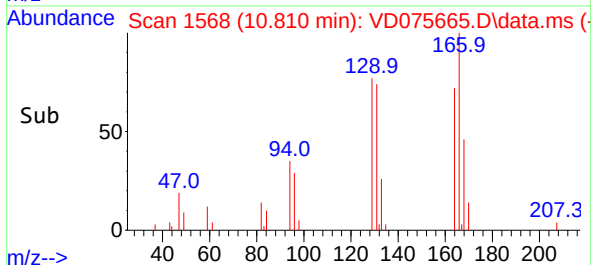
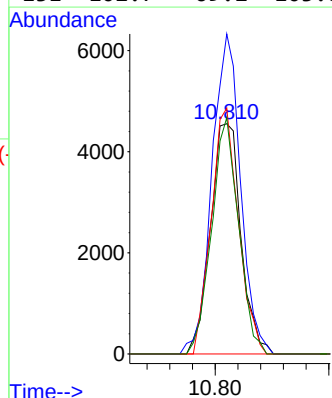
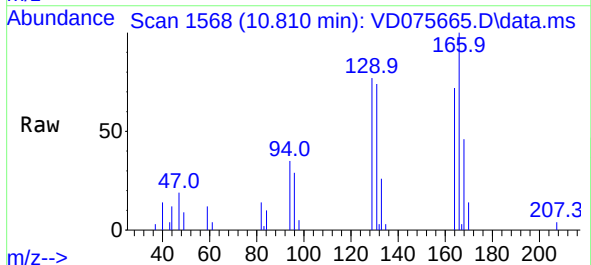
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

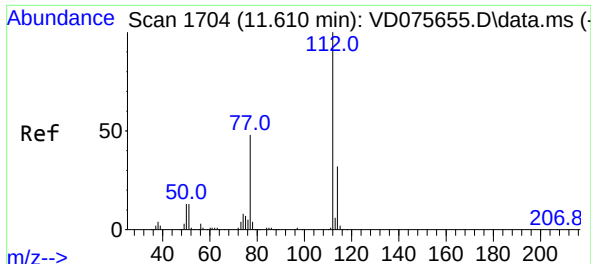
Tgt Ion:117 Resp: 311356
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 3.792 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:164 Resp: 8503
Ion Ratio Lower Upper
164 100
166 139.0 94.9 142.3
129 106.8 73.0 109.6
131 102.7 69.2 103.8

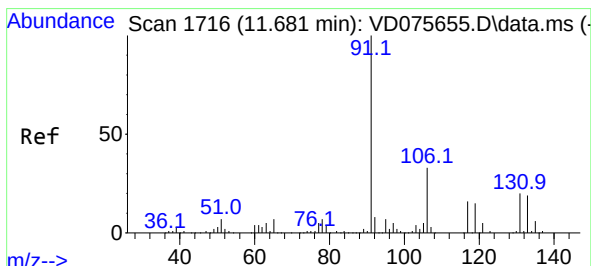
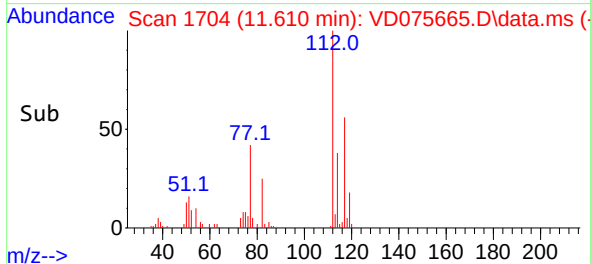
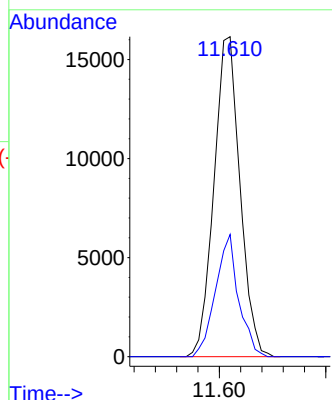
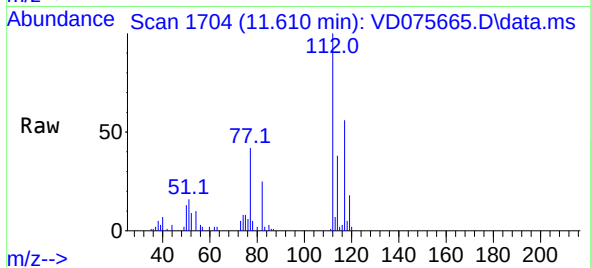




#65
Chlorobenzene
Concen: 4.105 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

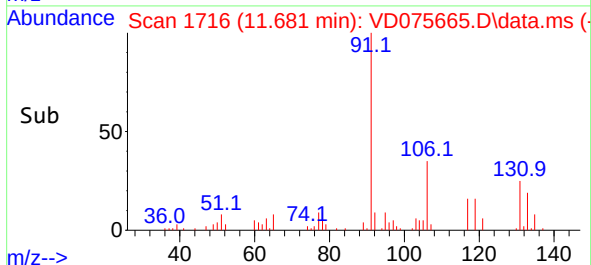
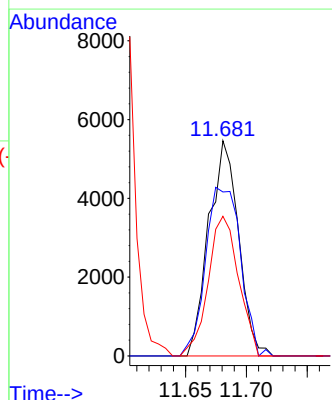
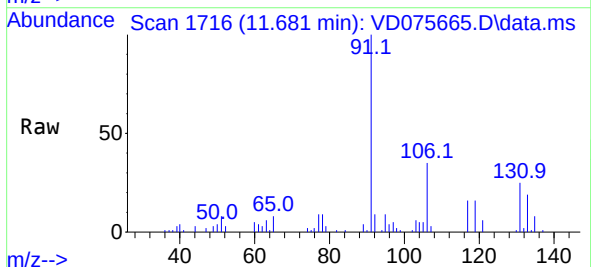
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

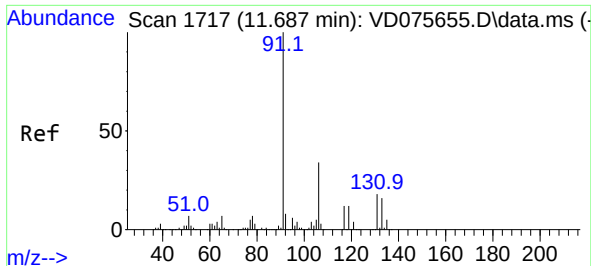
Tgt Ion:112 Resp: 27375
Ion Ratio Lower Upper
112 100
114 38.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.056 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:131 Resp: 9299
Ion Ratio Lower Upper
131 100
133 92.1 46.7 140.0
119 66.4 31.9 95.9





#67

Ethyl Benzene

Concen: 3.576 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

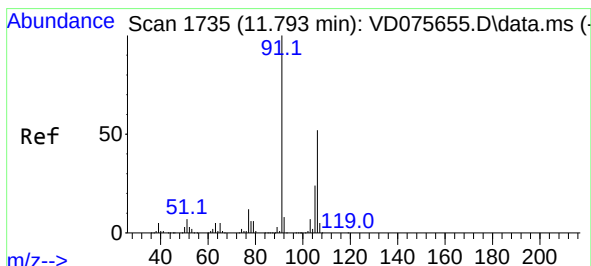
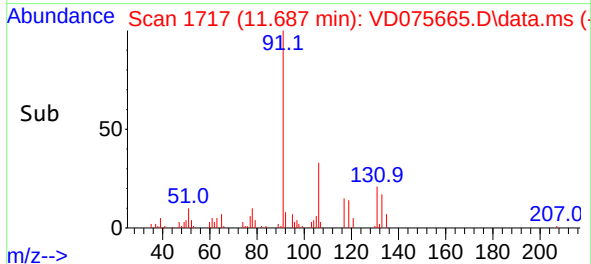
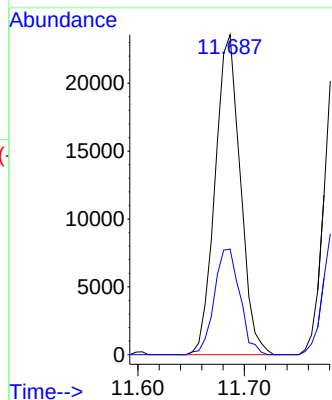
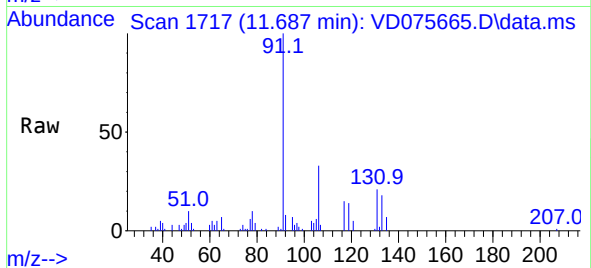
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 91 Resp: 38703

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 6.735 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD075665.D

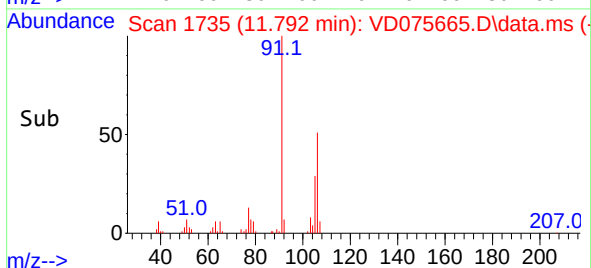
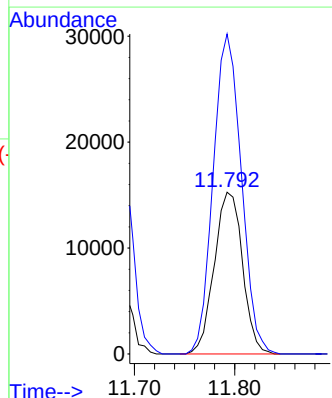
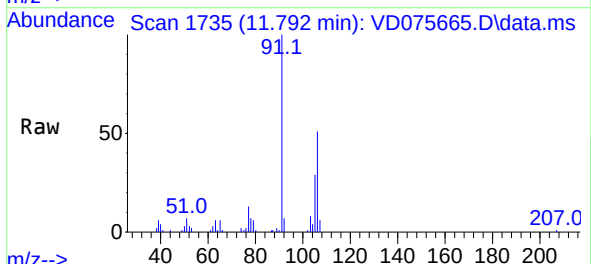
Acq: 13 Apr 2023 17:31

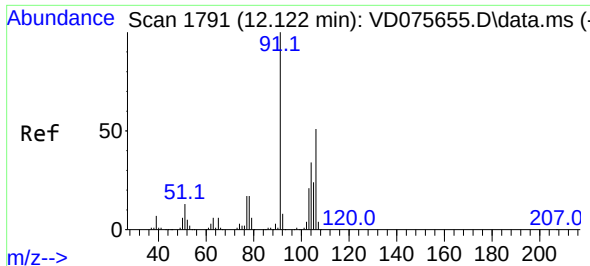
Tgt Ion: 106 Resp: 29873

Ion Ratio Lower Upper

106 100

91 197.0 161.5 242.3

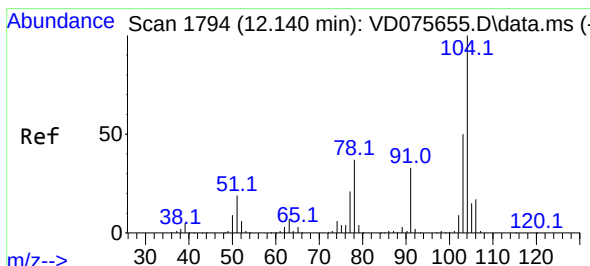
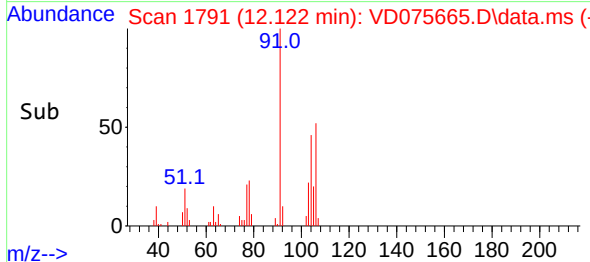
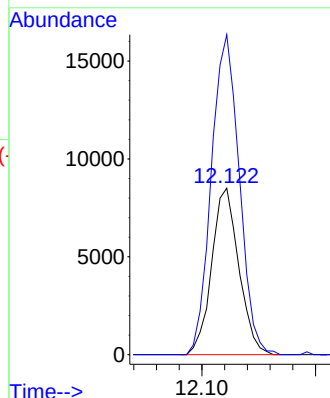
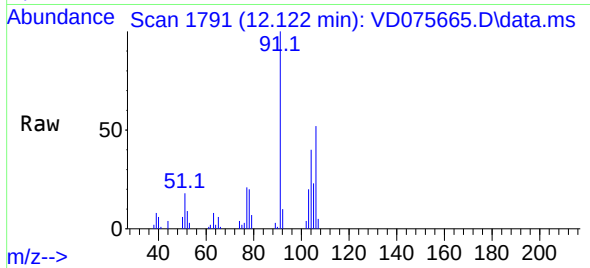




#69
o-Xylene
Concen: 3.523 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

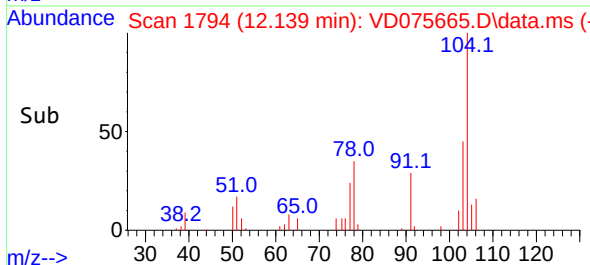
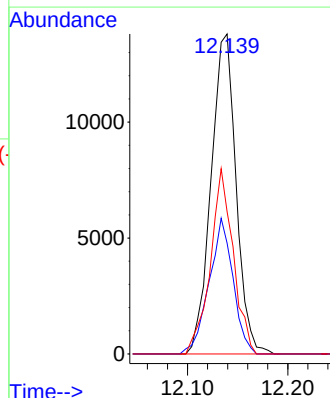
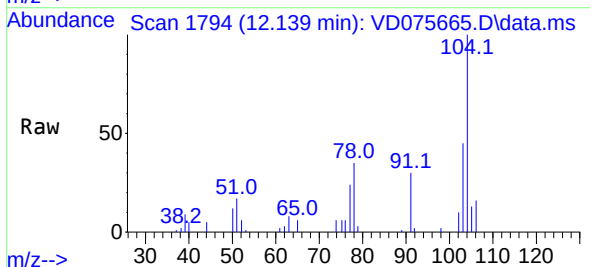
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

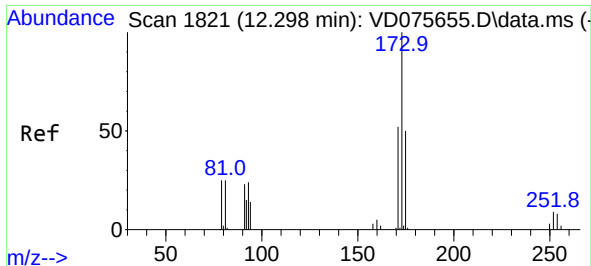
Tgt Ion:106 Resp: 14128
Ion Ratio Lower Upper
106 100
91 197.7 105.7 317.1



#70
Styrene
Concen: 3.678 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:104 Resp: 23895
Ion Ratio Lower Upper
104 100
78 40.5 40.2 60.4
103 52.8 44.2 66.2

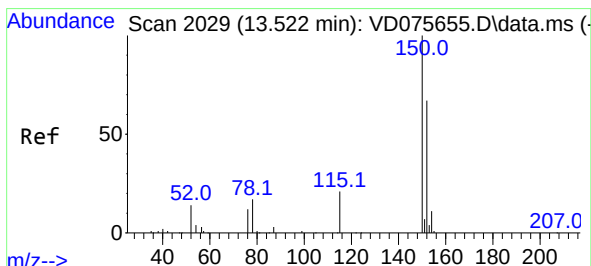
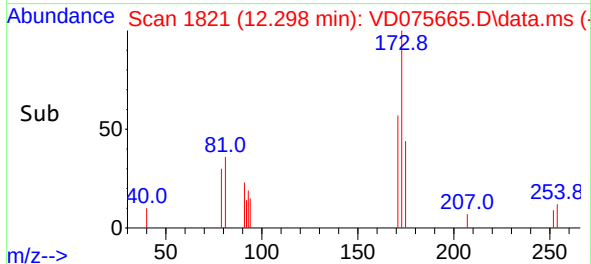
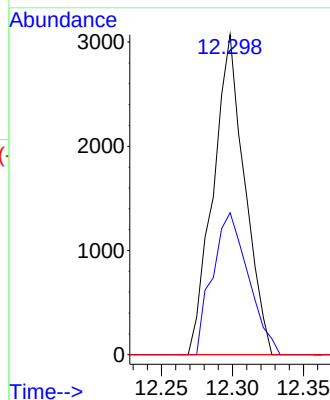
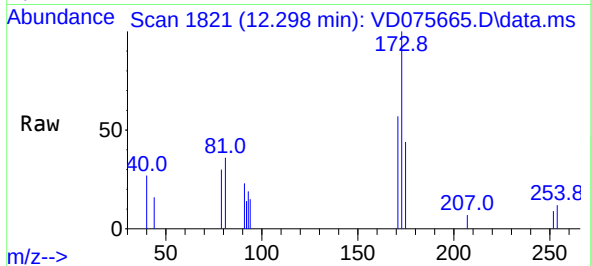




#71
Bromoform
Concen: 3.950 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

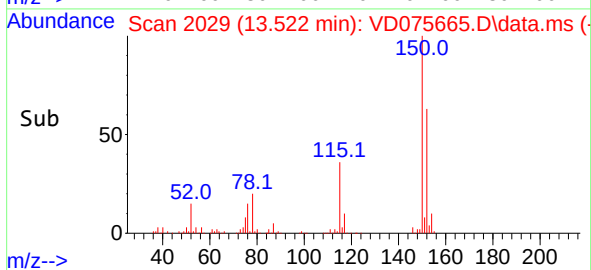
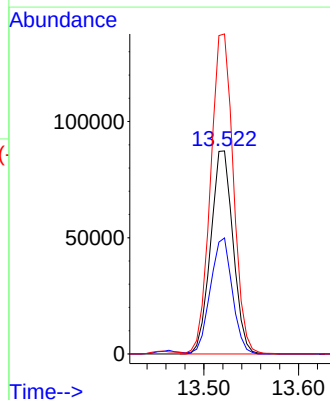
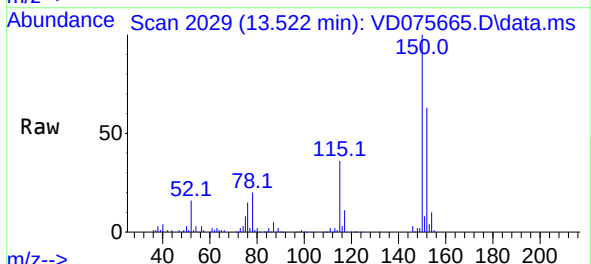
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

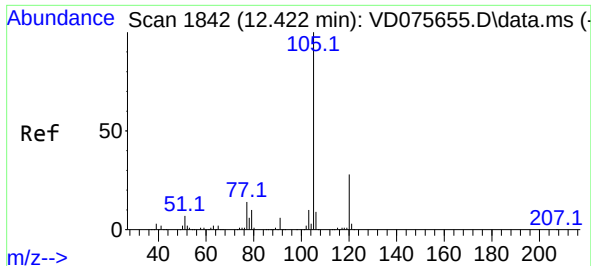
Tgt Ion:173 Resp: 4734
Ion Ratio Lower Upper
173 100
175 50.5 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:152 Resp: 143518
Ion Ratio Lower Upper
152 100
115 56.0 30.1 90.3
150 160.1 0.0 364.8

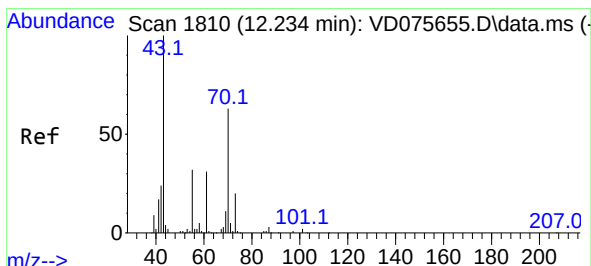
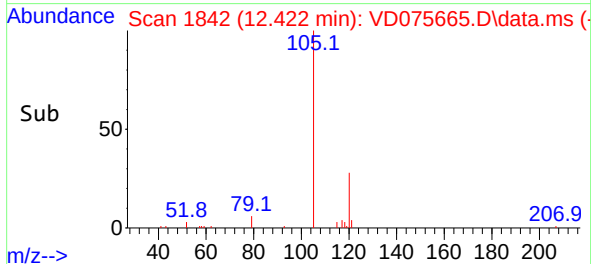
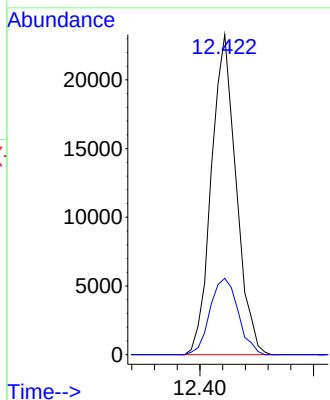
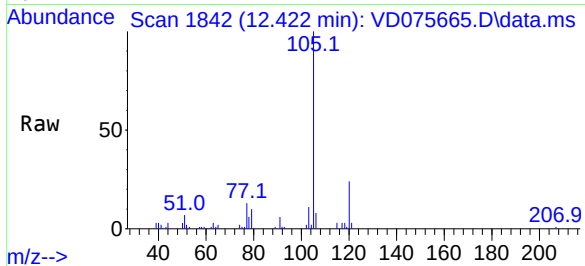




#73
Isopropylbenzene
Concen: 3.754 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

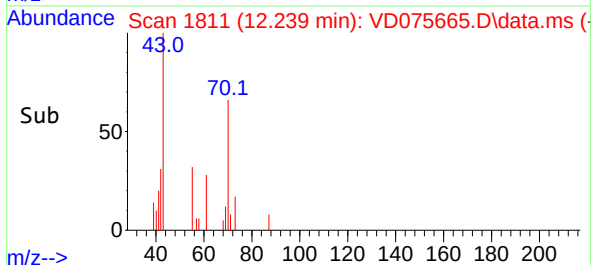
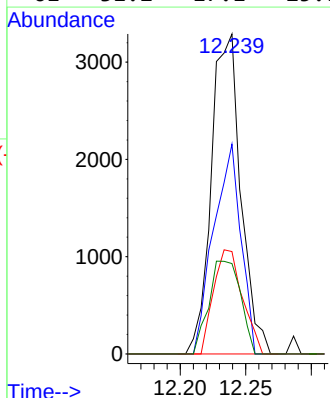
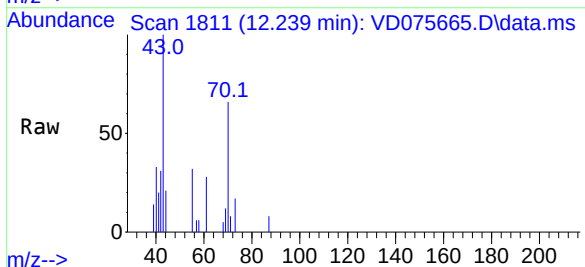
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

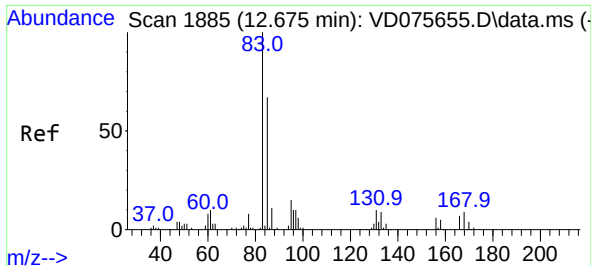
Tgt Ion:105 Resp: 35360
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 3.716 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 43 Resp: 5143
Ion Ratio Lower Upper
43 100
70 60.4 31.0 46.4#
55 31.9 18.6 28.0#
61 31.2 17.1 25.7#

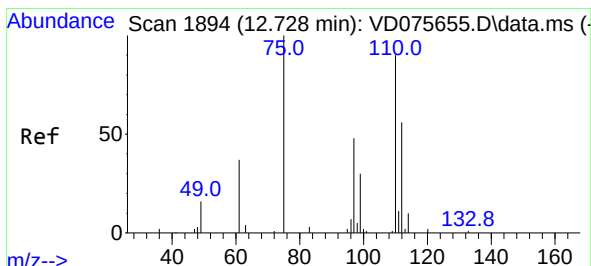
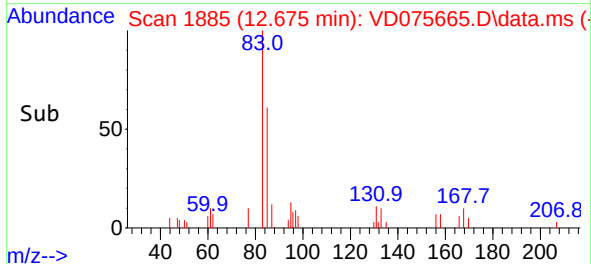
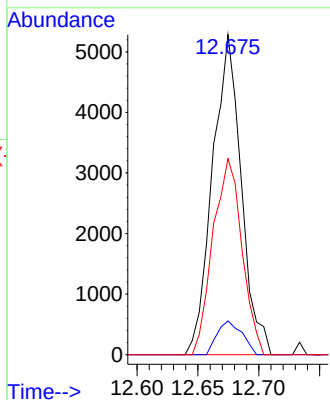
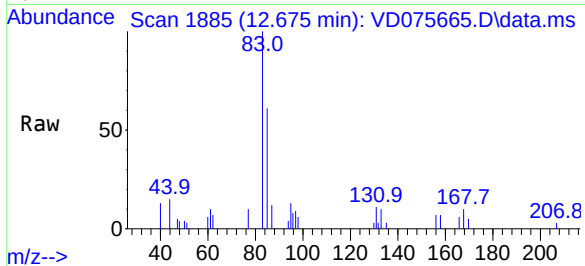




#75
1,1,2,2-Tetrachloroethane
Concen: 4.741 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

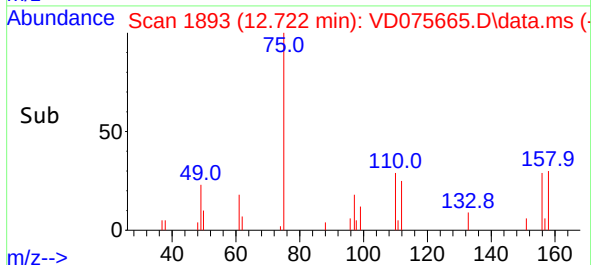
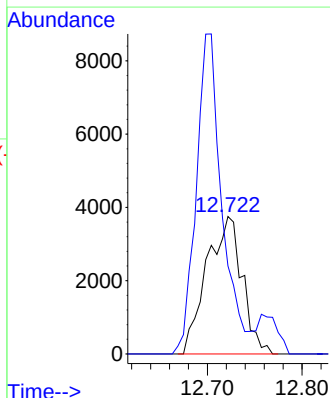
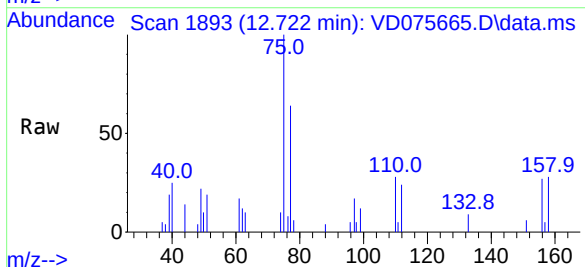
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

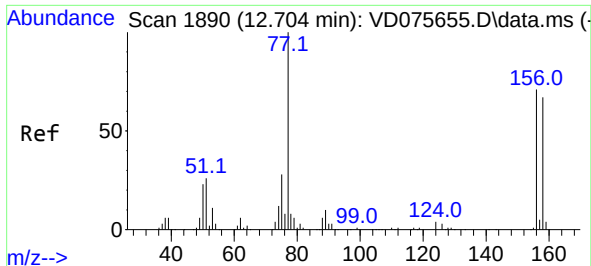
Tgt Ion: 83 Resp: 8675
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.2
85 61.6 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 8.349 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 75 Resp: 9771
Ion Ratio Lower Upper
75 100
77 168.6 0.0 0.0#

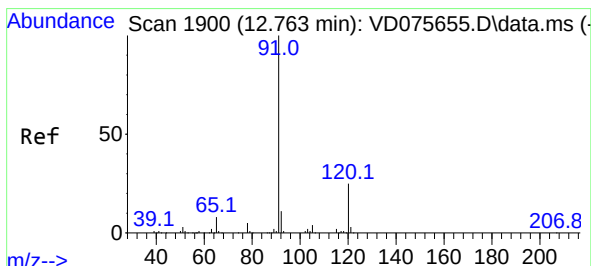
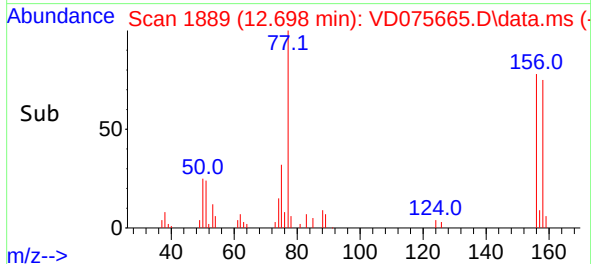
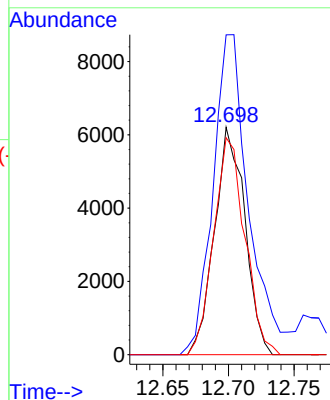
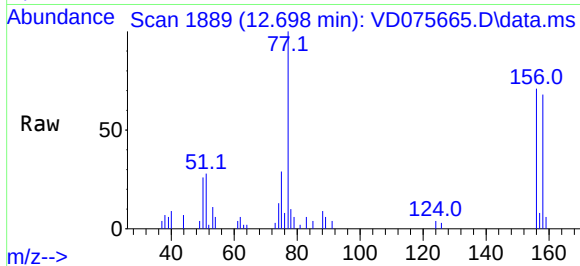




#77
Bromobenzene
Concen: 4.123 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

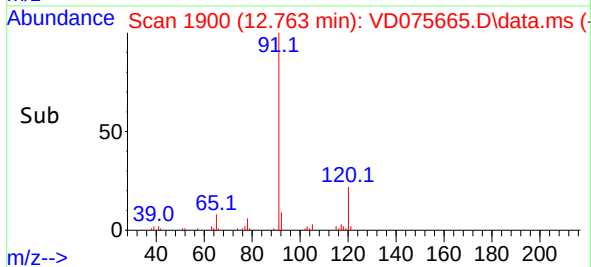
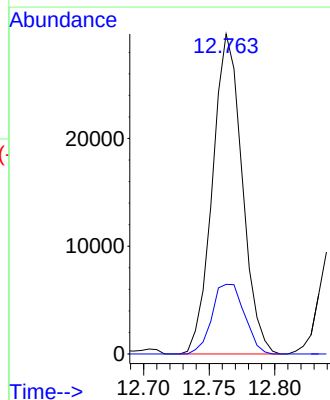
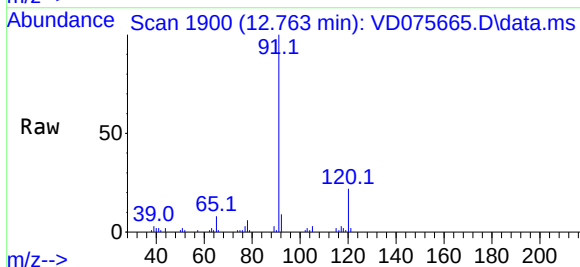
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

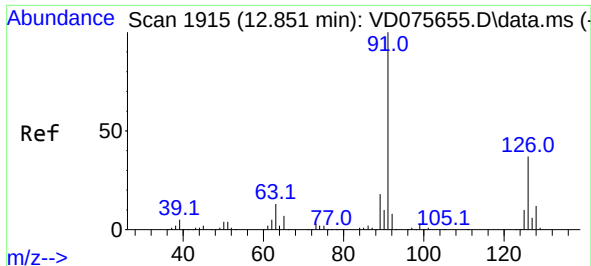
Tgt Ion:156 Resp: 10013
Ion Ratio Lower Upper
156 100
77 164.5 89.5 268.6
158 98.0 47.8 143.4



#78
n-propylbenzene
Concen: 4.045 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 91 Resp: 46707
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 3.955 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

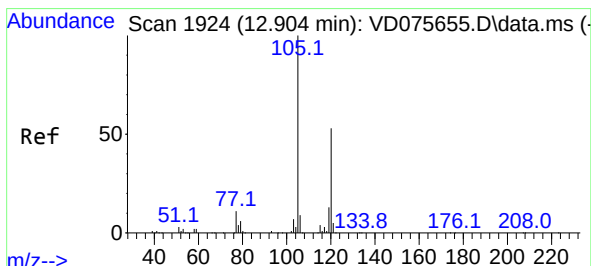
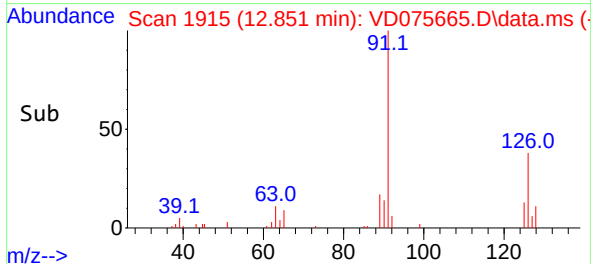
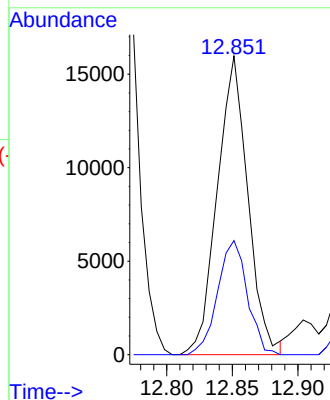
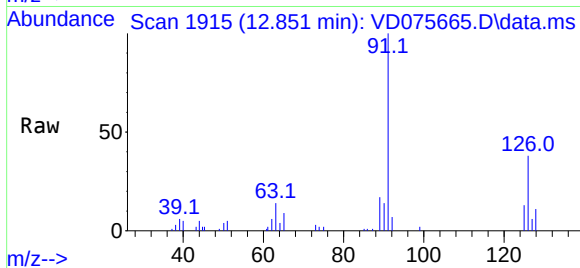
LOD-MDL-SOIL-01-QT2-2023

Tgt Ion: 91 Resp: 25902

Ion Ratio Lower Upper

91 100

126 37.1 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 3.709 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075665.D

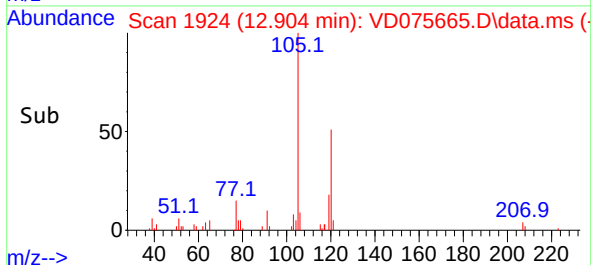
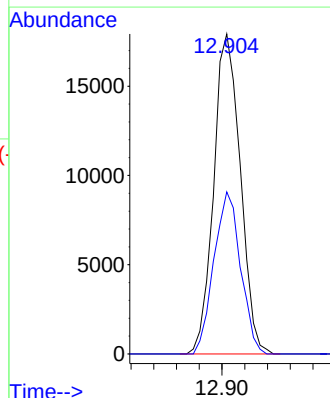
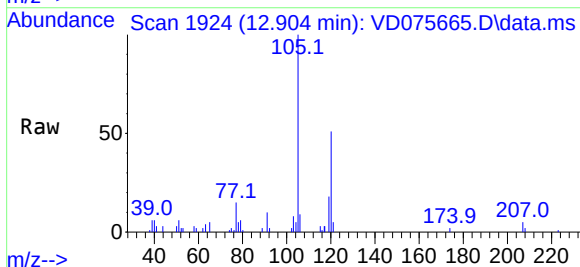
Acq: 13 Apr 2023 17:31

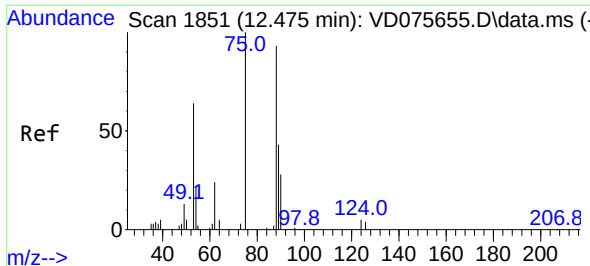
Tgt Ion: 105 Resp: 29128

Ion Ratio Lower Upper

105 100

120 50.7 24.3 72.8

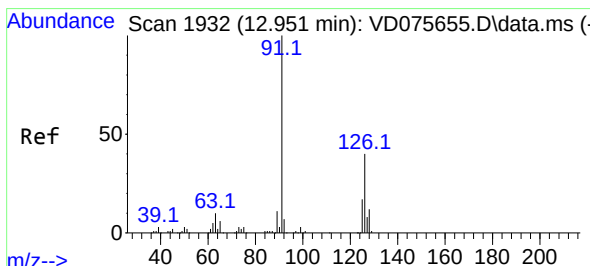
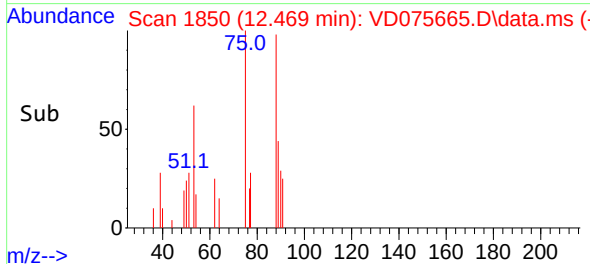
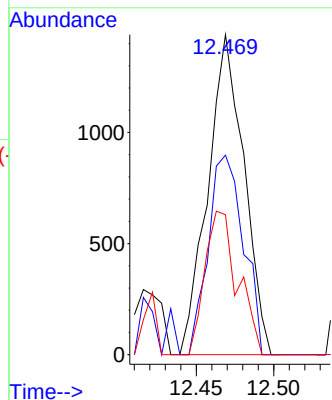
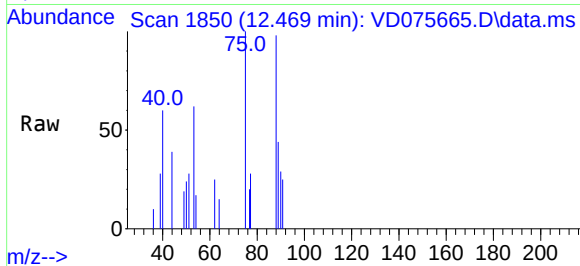




#81
trans-1,4-Dichloro-2-butene
Concen: 4.319 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

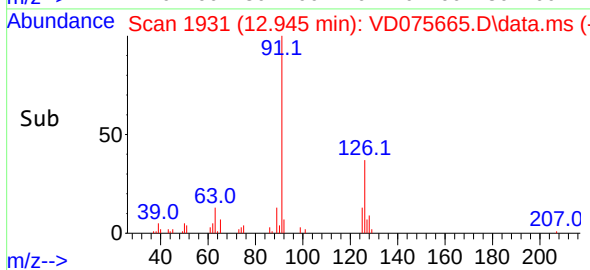
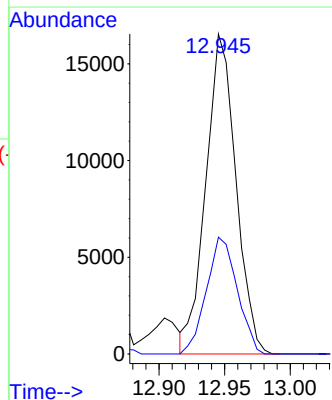
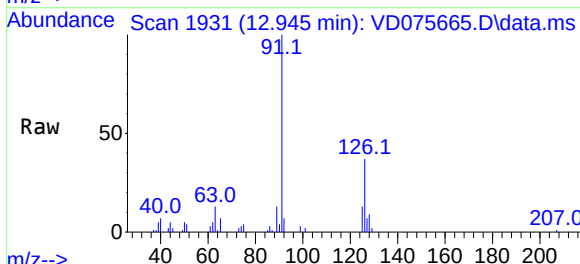
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

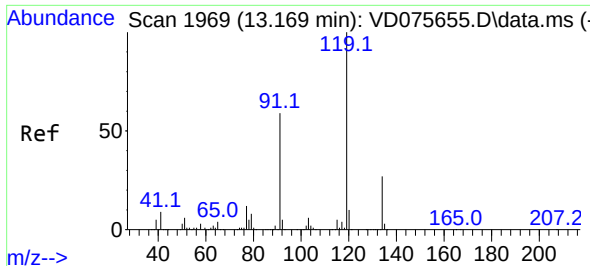
Tgt Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
53 61.1 90.5 135.7#
89 40.8 40.2 60.4



#82
4-Chlorotoluene
Concen: 3.878 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion: 91 Resp: 26409
Ion Ratio Lower Upper
91 100
126 37.4 17.1 51.2

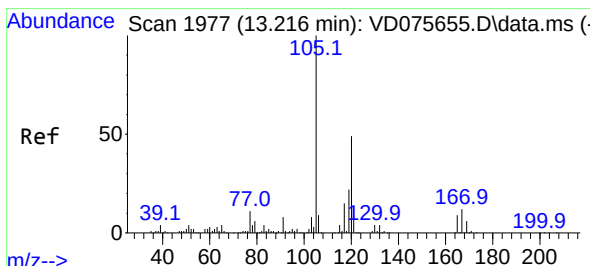
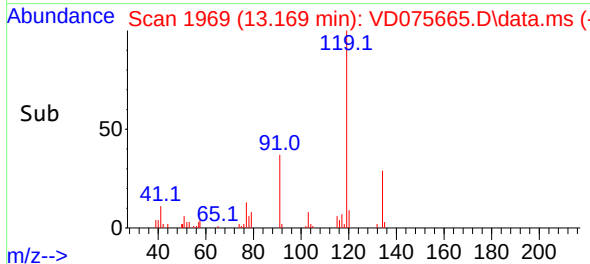
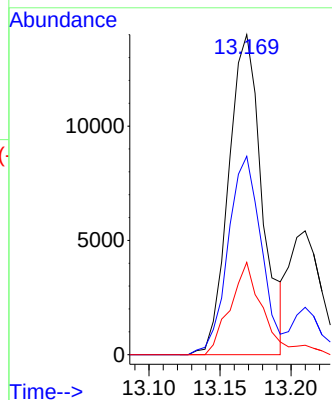
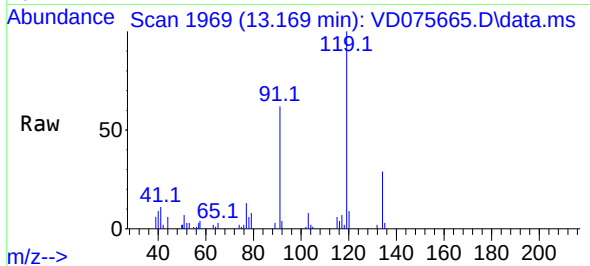




#83
tert-Butylbenzene
Concen: 3.469 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

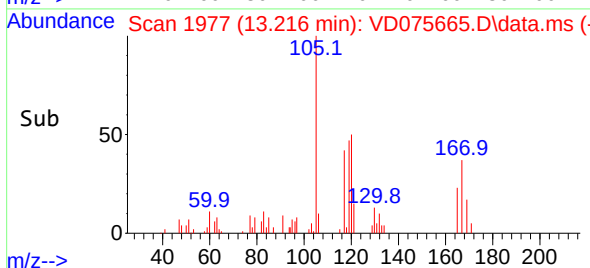
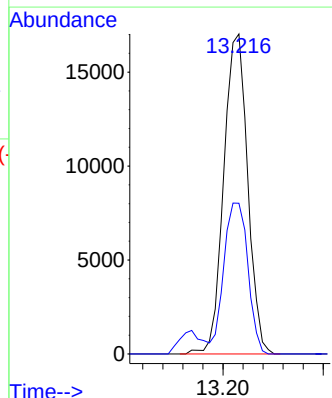
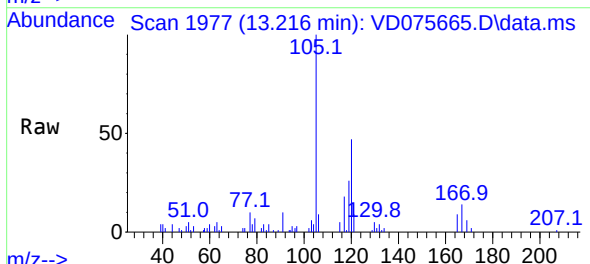
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

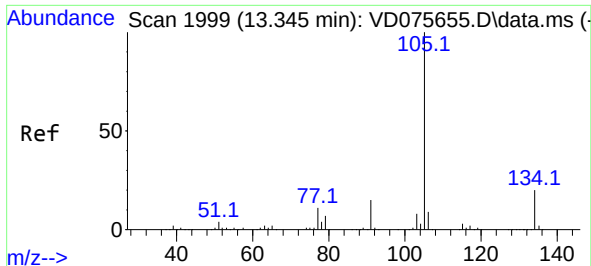
Tgt Ion:	119	Resp:	22966
Ion	Ratio	Lower	Upper
119	100		
91	61.5	32.4	97.0
134	29.0	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 3.571 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:	105	Resp:	28139
Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.3	66.9

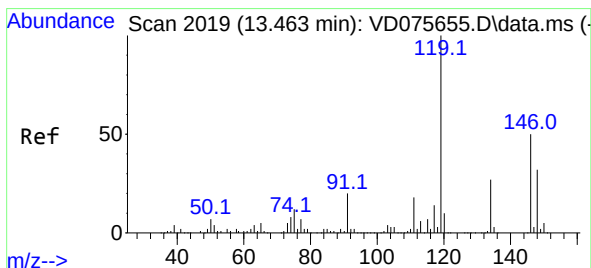
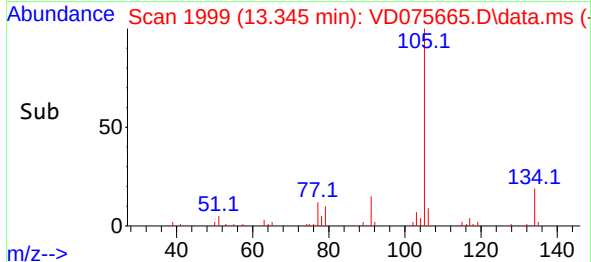
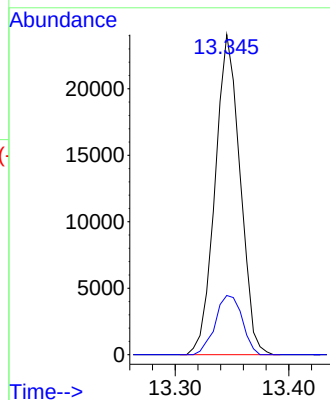
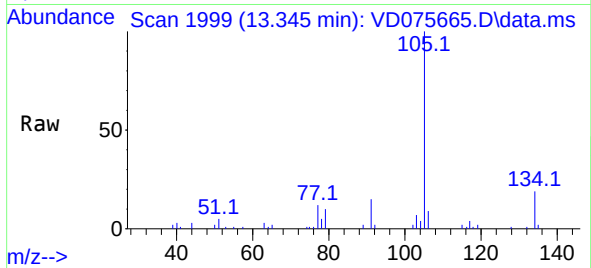




#85
 sec-Butylbenzene
 Concen: 3.602 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075665.D
 Acq: 13 Apr 2023 17:31

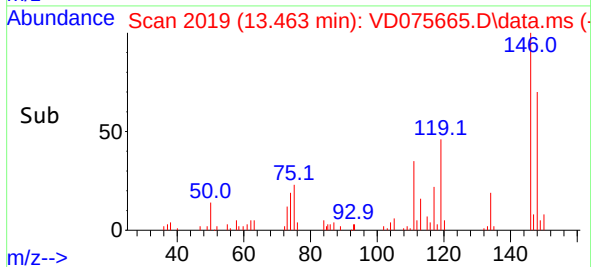
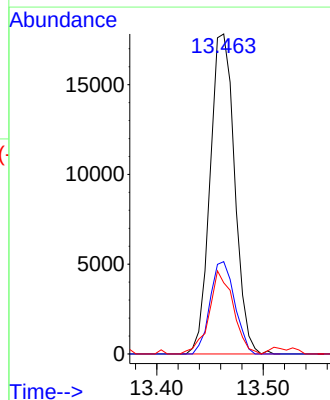
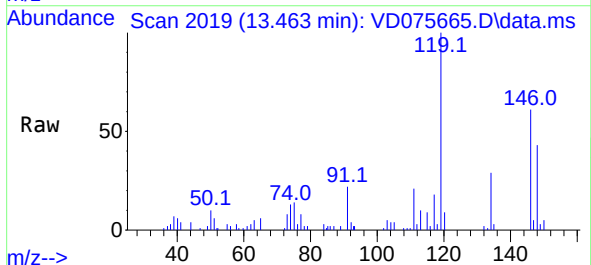
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

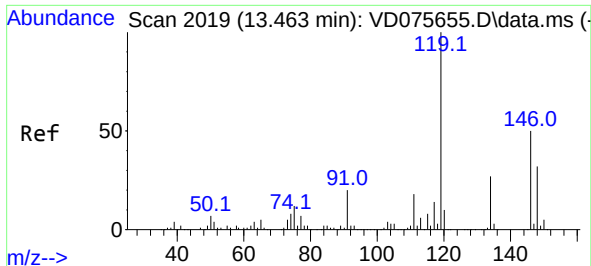
Tgt Ion:105 Resp: 36795
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 3.346 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075665.D
 Acq: 13 Apr 2023 17:31

Tgt Ion:119 Resp: 28455
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.1 39.3
 91 25.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 3.872 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

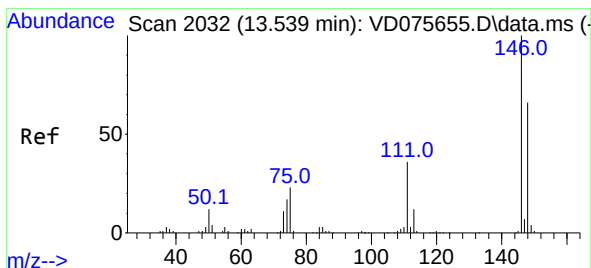
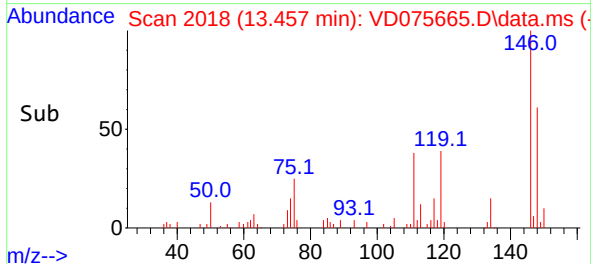
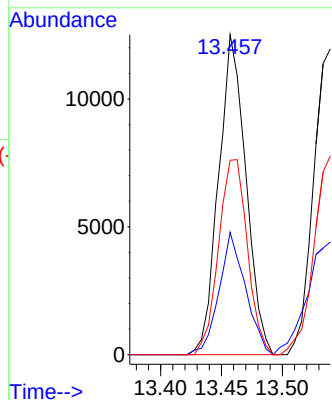
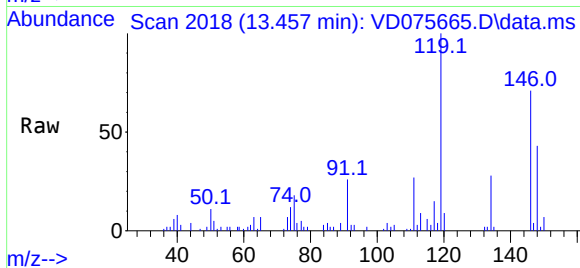
Tgt Ion:146 Resp: 19561

Ion Ratio Lower Upper

146 100

111 37.2 19.8 59.3

148 64.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 4.158 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

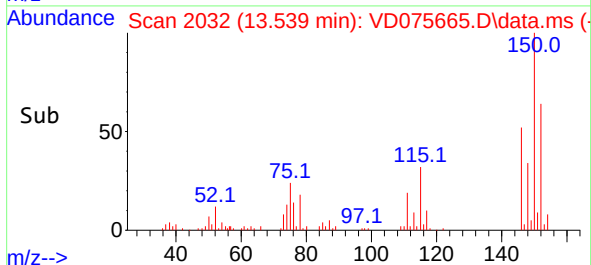
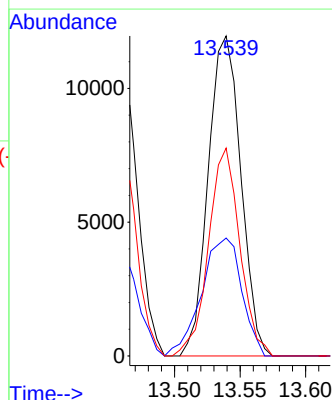
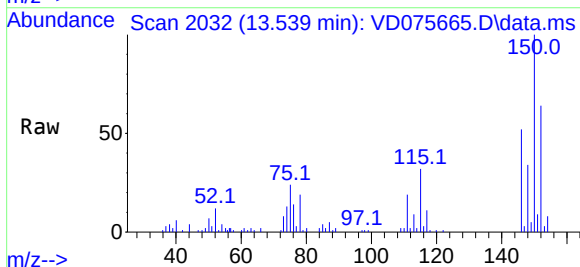
Tgt Ion:146 Resp: 20750

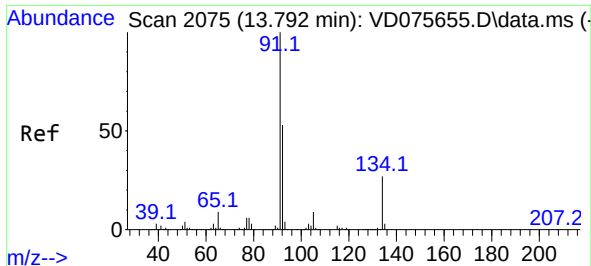
Ion Ratio Lower Upper

146 100

111 45.4 19.6 58.8

148 62.3 31.7 95.1

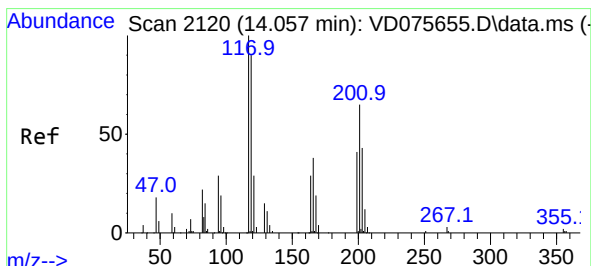
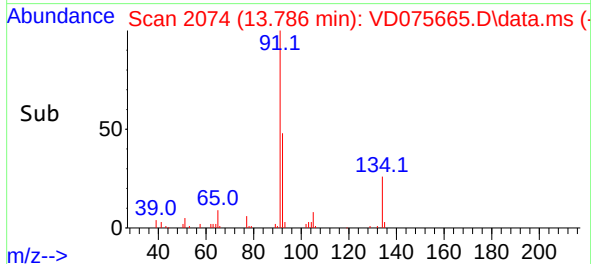
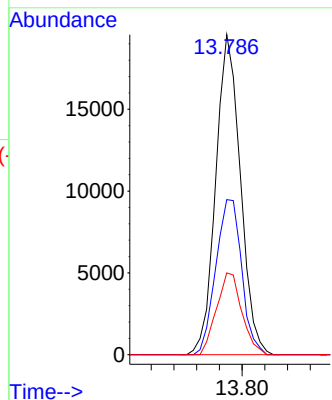
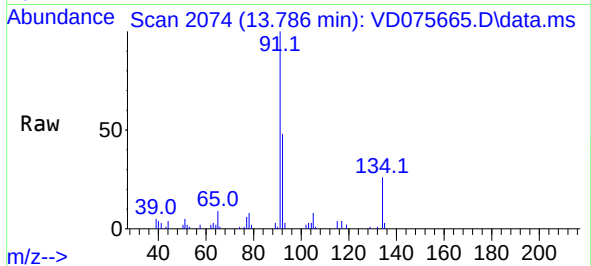




#89
n-Butylbenzene
Concen: 3.769 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

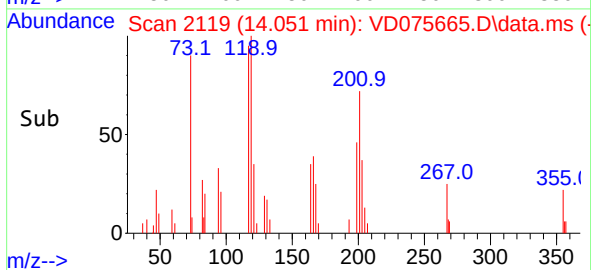
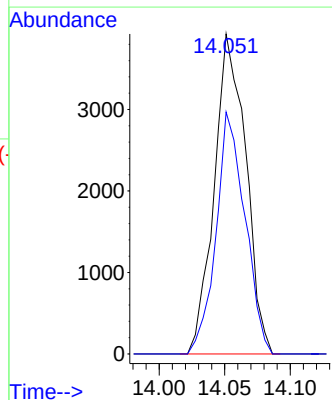
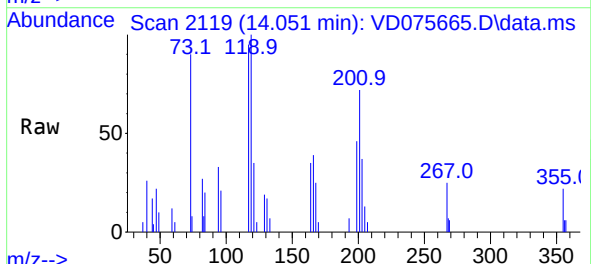
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2023

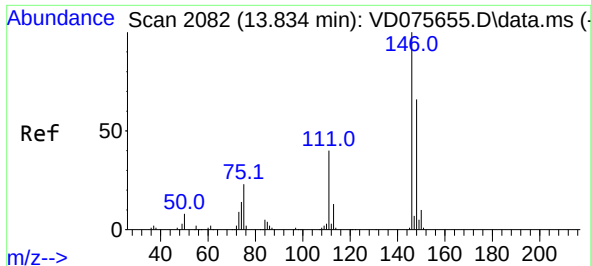
Tgt Ion:	91	Resp:	29518
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.2	78.5
134	26.3	12.7	38.0



#90
Hexachloroethane
Concen: 3.890 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:	117	Resp:	6572
Ion	Ratio	Lower	Upper
117	100		
201	69.1	34.5	103.6





#91

1,2-Dichlorobenzene

Concen: 3.997 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2023

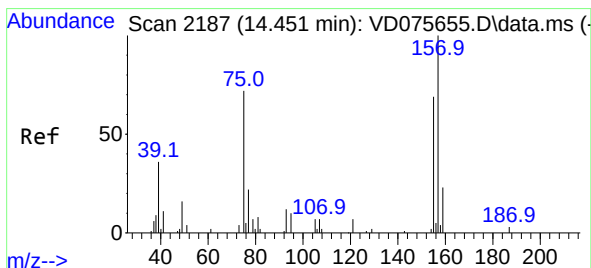
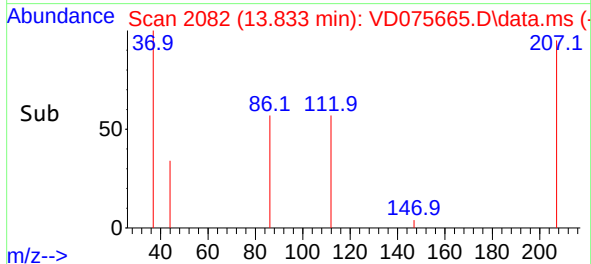
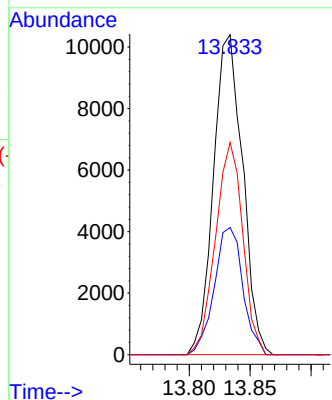
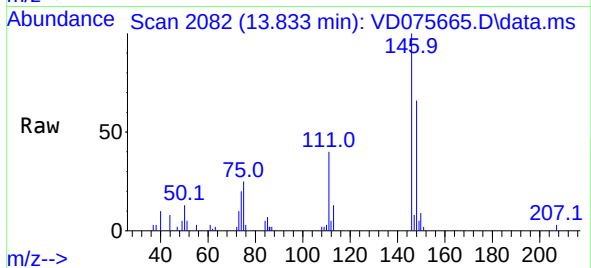
Tgt Ion:146 Resp: 17297

Ion Ratio Lower Upper

146 100

111 39.1 20.6 61.8

148 62.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.312 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD075665.D

Acq: 13 Apr 2023 17:31

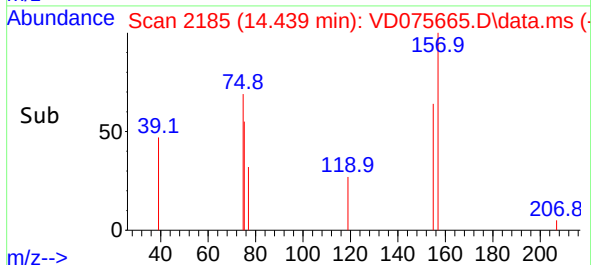
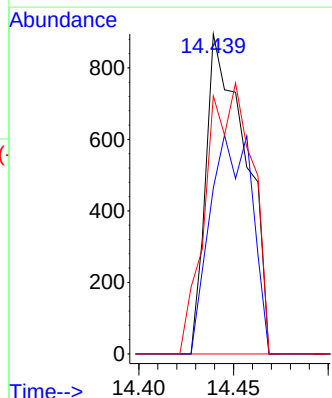
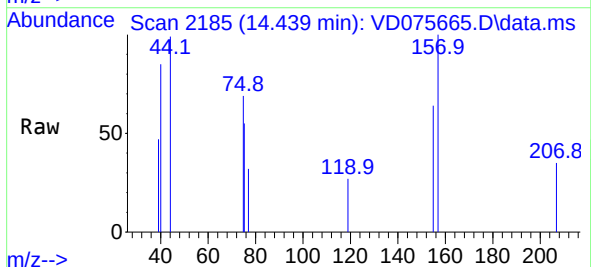
Tgt Ion: 75 Resp: 1303

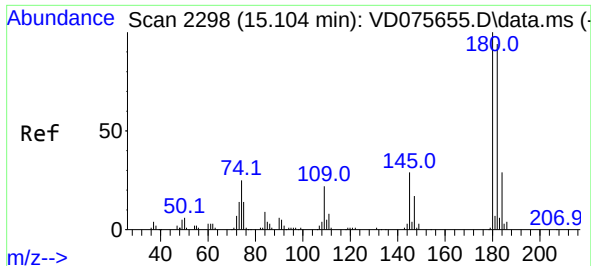
Ion Ratio Lower Upper

75 100

155 72.8 39.5 118.5

157 98.8 53.5 160.7

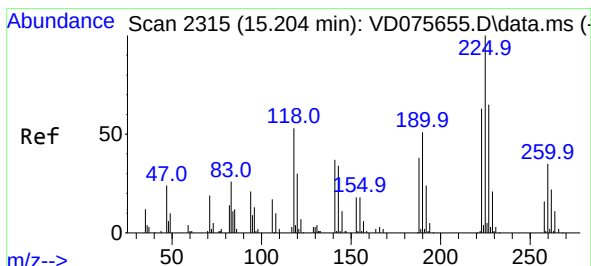
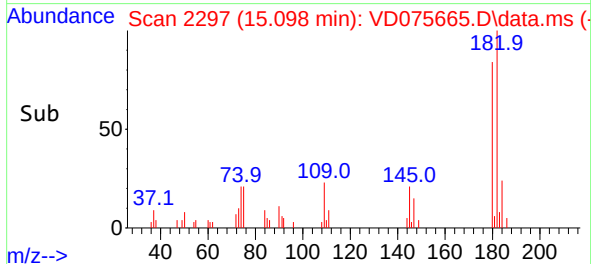
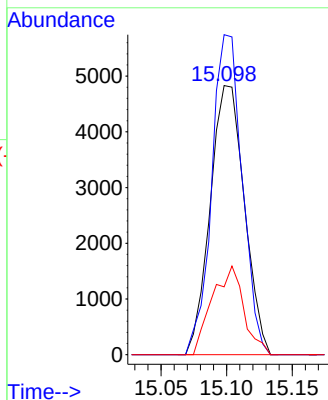
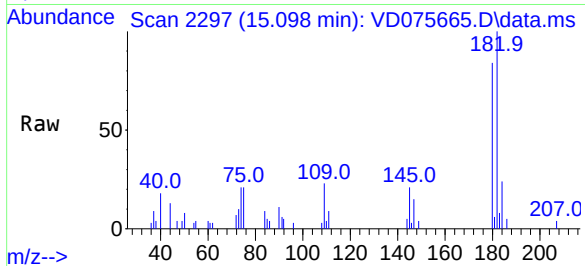




#93
1,2,4-Trichlorobenzene
Concen: 3.480 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

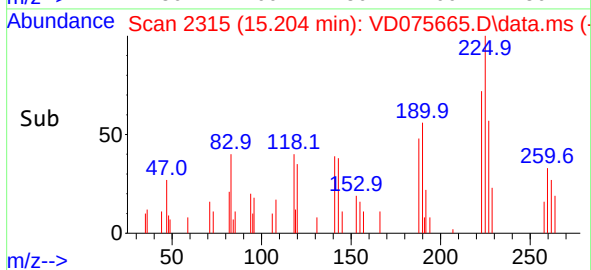
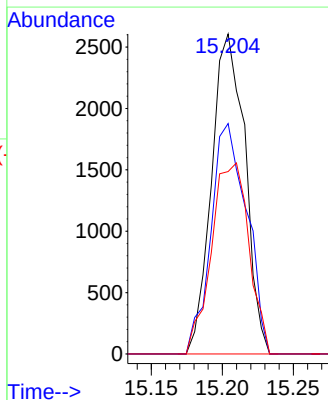
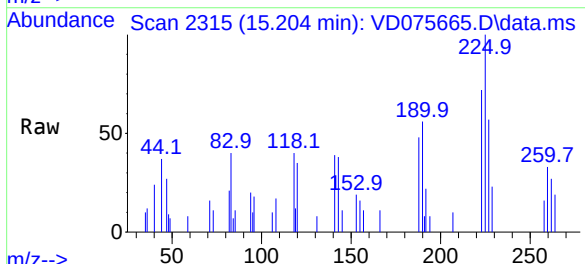
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

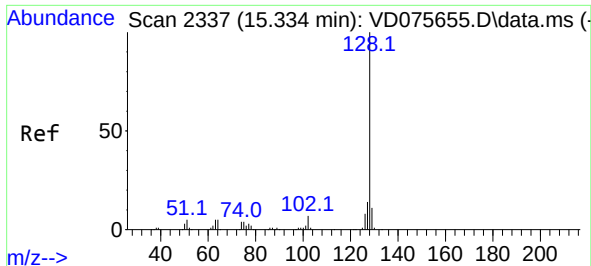
Tgt Ion:180	Resp:	8762
Ion Ratio	Lower	Upper
180	100	
182	106.0	47.9 143.7
145	30.5	15.9 47.7



#94
Hexachlorobutadiene
Concen: 3.539 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:225	Resp:	4259
Ion Ratio	Lower	Upper
225	100	
223	77.3	33.1 99.2
227	67.1	31.9 95.9

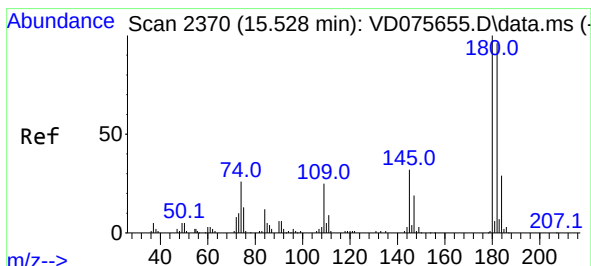
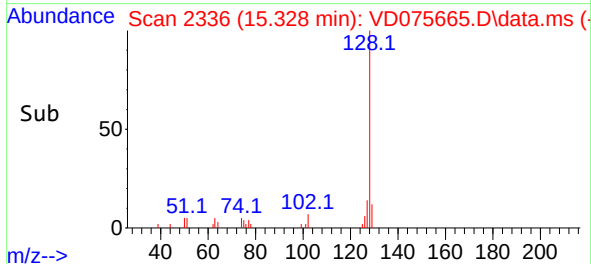
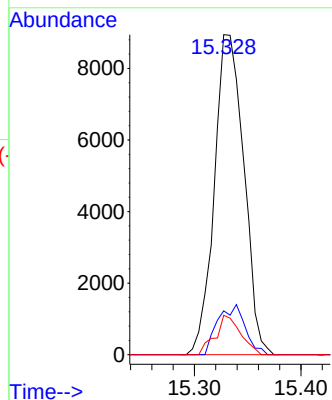
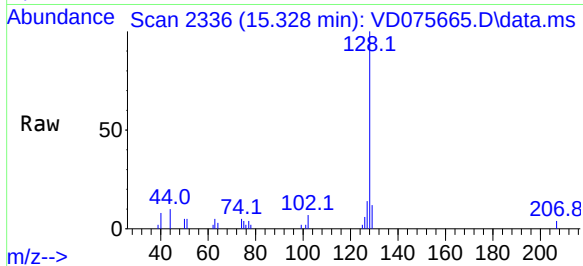




#95
Naphthalene
Concen: 3.608 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

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

Tgt Ion:128	Resp:	17208
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.4 15.6
129	10.5	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.912 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075665.D
Acq: 13 Apr 2023 17:31

Tgt Ion:180	Resp:	8668
Ion Ratio	Lower	Upper
180	100	
182	89.4	47.7 143.1
145	31.7	16.4 49.4

