

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075500.D
 Acq On : 10 Mar 2023 18:51
 Operator : KP/SY
 Sample : 01627-01 4.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 11 00:18:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 00:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	98920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	173336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	153861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	68958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	49729	55.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.810	113	62454	52.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.275	98	249864	53.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.580	95	65662	48.432	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	4540	4.602	ug/l	94
3) Chloromethane	2.151	50	7996	4.897	ug/l	96
4) Vinyl Chloride	2.287	62	10497	4.422	ug/l	98
5) Bromomethane	2.698	94	8359	4.495	ug/l	95
6) Chloroethane	2.846	64	6941	4.365	ug/l	95
7) Trichlorofluoromethane	3.175	101	8368	4.373	ug/l	96
8) Diethyl Ether	3.598	74	2001	3.918	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.981	101	5312	4.267	ug/l #	83
10) Methyl Iodide	4.169	142	5722	3.853	ug/l #	86
11) Tert butyl alcohol	5.045	59	366	8.830	ug/l #	100
12) 1,1-Dichloroethene	3.945	96	4969	4.042	ug/l	88
13) Acrolein	3.798	56	1472	17.848	ug/l #	79
14) Allyl chloride	4.569	41	4370	4.131	ug/l #	83
15) Acrylonitrile	5.251	53	3542	18.911	ug/l	93
16) Acetone	4.022	43	2844	17.021	ug/l	99
17) Carbon Disulfide	4.275	76	15829	4.267	ug/l	98
18) Methyl Acetate	4.575	43	1840	3.872	ug/l #	77
19) Methyl tert-butyl Ether	5.328	73	8007	3.755	ug/l #	84
20) Methylene Chloride	4.798	84	10642	6.651	ug/l #	66
21) trans-1,2-Dichloroethene	5.316	96	5774	4.131	ug/l #	61
22) Diisopropyl ether	6.216	45	8865	3.866	ug/l	97
23) Vinyl Acetate	6.163	43	20019	17.991	ug/l #	82
24) 1,1-Dichloroethane	6.122	63	8484	4.272	ug/l #	94
25) 2-Butanone	7.087	43	4116	19.666	ug/l #	73
26) 2,2-Dichloropropane	7.081	77	7710	4.221	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	6109	4.079	ug/l	82
28) Bromochloromethane	7.428	49	2507	3.916	ug/l #	39
29) Tetrahydrofuran	7.451	42	1950	17.119	ug/l #	63
30) Chloroform	7.598	83	9037	4.097	ug/l	97
31) Cyclohexane	7.875	56	7772	4.861	ug/l #	63
32) 1,1,1-Trichloroethane	7.792	97	8190	4.235	ug/l	97
36) 1,1-Dichloropropene	8.022	75	6816	3.874	ug/l	93
37) Ethyl Acetate	7.175	43	1617	3.527	ug/l #	80
38) Carbon Tetrachloride	7.998	117	5740	3.405	ug/l #	92
39) Methylcyclohexane	9.281	83	8223	3.707	ug/l #	84
40) Benzene	8.257	78	20963	3.976	ug/l	94

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	733	3.034	ug/l #	59
42) 1,2-Dichloroethane	8.328	62	4978	4.289	ug/l	97
43) Isopropyl Acetate	8.363	43	3162	3.728	ug/l #	91
44) Trichloroethene	9.028	130	5922	3.822	ug/l	91
45) 1,2-Dichloropropane	9.304	63	4318	3.810	ug/l #	89
46) Dibromomethane	9.392	93	2710	3.879	ug/l	93
47) Bromodichloromethane	9.586	83	6651	3.932	ug/l	95
48) Methyl methacrylate	9.392	41	1396	3.503	ug/l #	65
49) 1,4-Dioxane	9.386	88	149	23.512	ug/l #	50
51) 4-Methyl-2-Pentanone	10.163	43	7113	16.125	ug/l #	77
52) Toluene	10.333	92	13066	3.824	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	5391	3.543	ug/l #	88
54) cis-1,3-Dichloropropene	10.016	75	6952	3.720	ug/l #	76
55) 1,1,2-Trichloroethane	10.739	97	3951	3.995	ug/l #	88
56) Ethyl methacrylate	10.598	69	3292	3.496	ug/l #	63
57) 1,3-Dichloropropane	10.880	76	5681	3.733	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.875	63	7245	15.722	ug/l #	83
59) 2-Hexanone	10.922	43	4968	15.925	ug/l	84
60) Dibromochloromethane	11.080	129	4256	3.643	ug/l	99
61) 1,2-Dibromoethane	11.186	107	3736	4.011	ug/l	94
64) Tetrachloroethene	10.810	164	5158	4.248	ug/l	95
65) Chlorobenzene	11.610	112	13856	3.797	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.686	131	4731	3.785	ug/l	91
67) Ethyl Benzene	11.686	91	22331	3.553	ug/l	91
68) m/p-Xylenes	11.798	106	17862	7.072	ug/l	89
69) o-Xylene	12.122	106	7956	3.392	ug/l	95
70) Styrene	12.139	104	12592	3.227	ug/l	95
71) Bromoform	12.304	173	2326	3.644	ug/l #	96
73) Isopropylbenzene	12.427	105	20161	3.651	ug/l	97
74) N-amyl acetate	12.233	43	2448	3.579	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.674	83	3799	4.056	ug/l	92
76) 1,2,3-Trichloropropane	12.727	75	4084	7.221	ug/l #	100
77) Bromobenzene	12.704	156	5073	3.864	ug/l	92
78) n-propylbenzene	12.769	91	26363	3.929	ug/l	99
79) 2-Chlorotoluene	12.851	91	14339	3.944	ug/l	90
80) 1,3,5-Trimethylbenzene	12.910	105	16100	3.555	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.580	75	32395	120.484	ug/l #	5
82) 4-Chlorotoluene	12.951	91	14359	3.827	ug/l	91
83) tert-Butylbenzene	13.169	119	14397	3.658	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	15177	3.468	ug/l	94
85) sec-Butylbenzene	13.351	105	23108	3.793	ug/l	99
86) p-Isopropyltoluene	13.463	119	16845	3.383	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	10552	3.888	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	10783	4.017	ug/l	94
89) n-Butylbenzene	13.792	91	16792	3.678	ug/l	98
90) Hexachloroethane	14.057	117	3765	3.916	ug/l	99
91) 1,2-Dichlorobenzene	13.839	146	8599	3.744	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	356	3.020	ug/l	63
93) 1,2,4-Trichlorobenzene	15.104	180	5040	3.763	ug/l	92
94) Hexachlorobutadiene	15.210	225	2879	4.507	ug/l	90
95) Naphthalene	15.333	128	8104	3.296	ug/l	97
96) 1,2,3-Trichlorobenzene	15.521	180	3966	3.432	ug/l	93

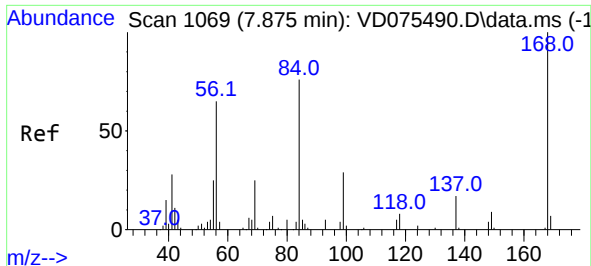
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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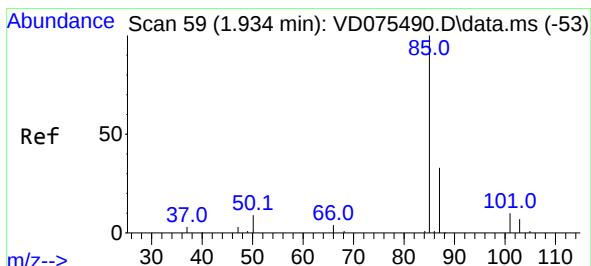
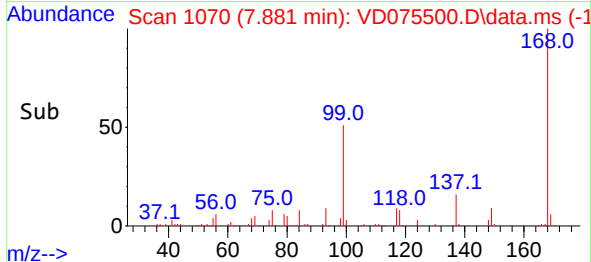
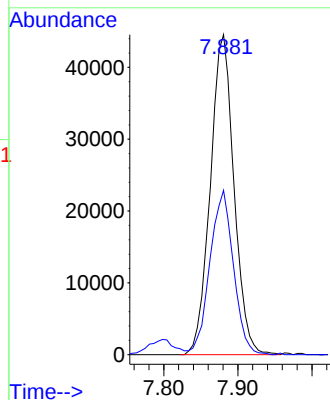
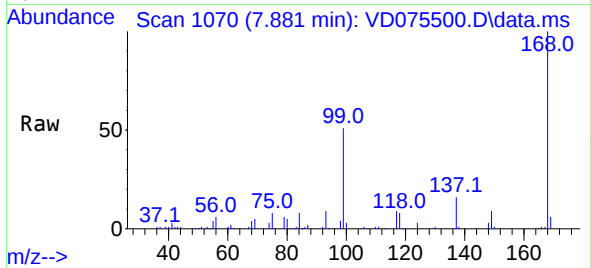
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075500.D
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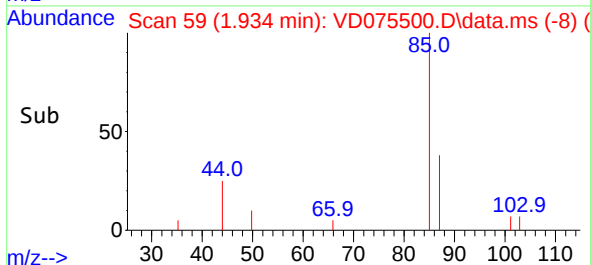
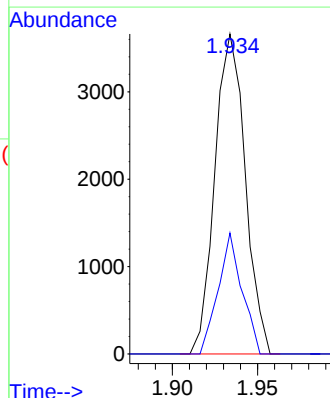
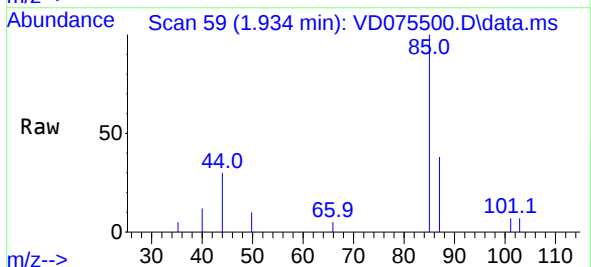
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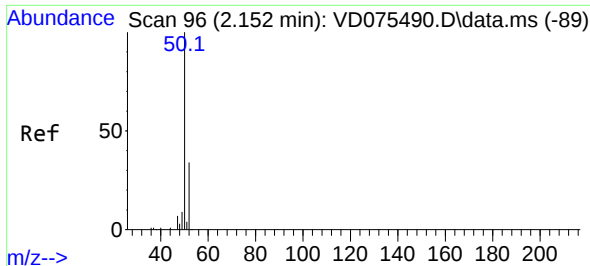
Tgt Ion:168 Resp: 98920
Ion Ratio Lower Upper
168 100
99 50.9 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 4.602 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 85 Resp: 4540
Ion Ratio Lower Upper
85 100
87 37.8 17.3 51.7

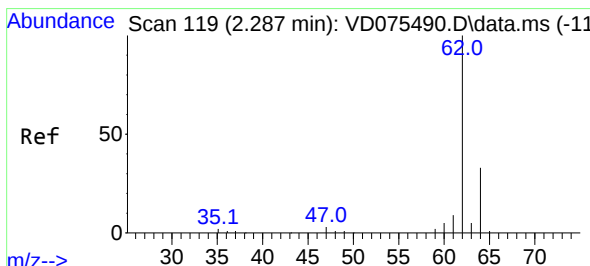
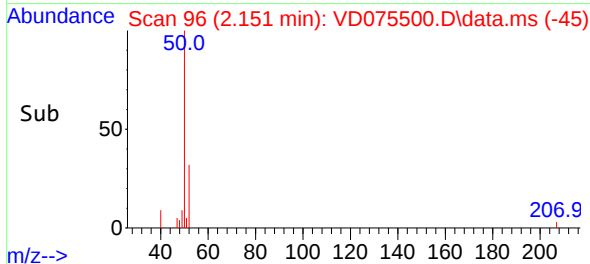
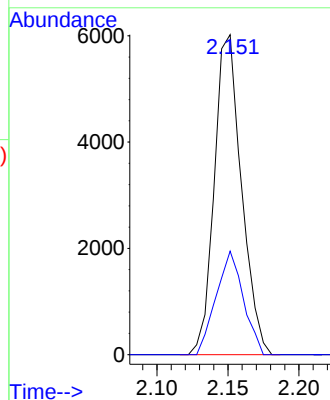
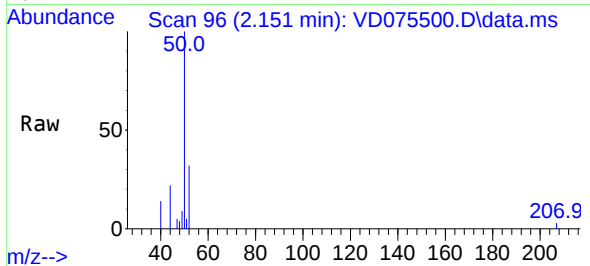




#3
Chloromethane
Concen: 4.897 ug/l
RT: 2.151 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

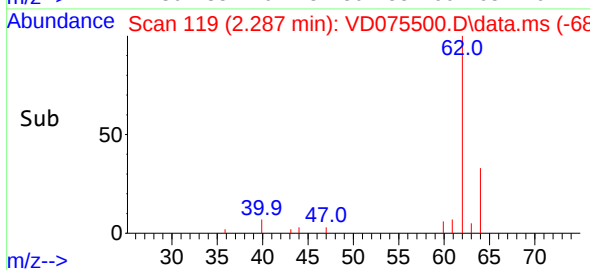
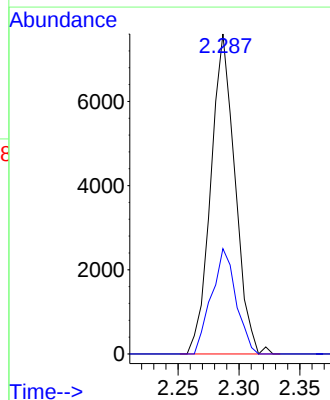
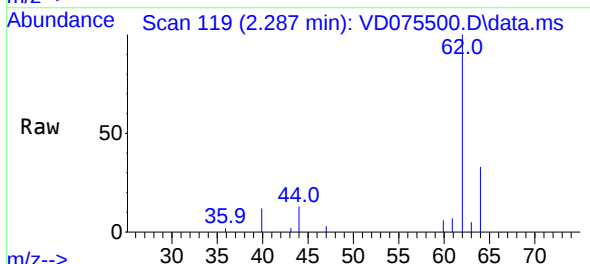
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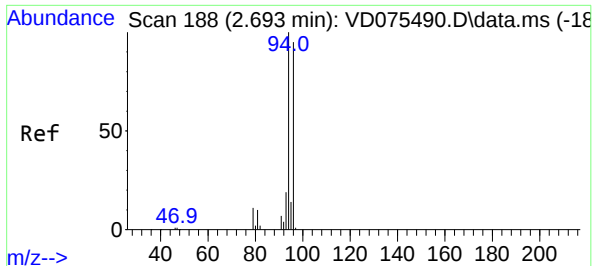
Tgt Ion: 50 Resp: 7996
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.8



#4
Vinyl Chloride
Concen: 4.422 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 62 Resp: 10497
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0

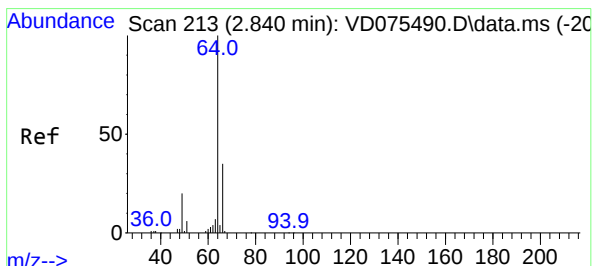
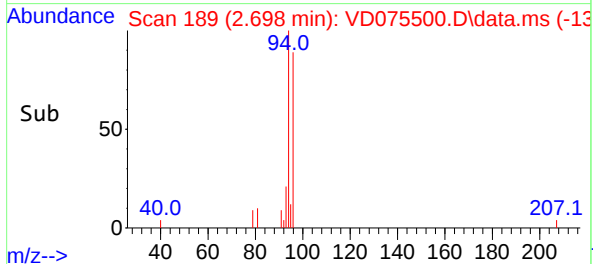
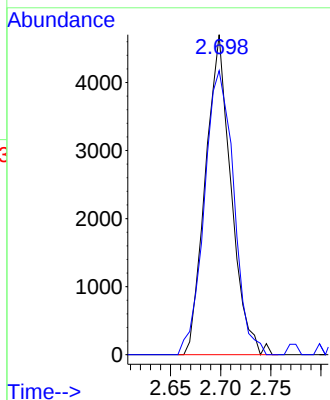
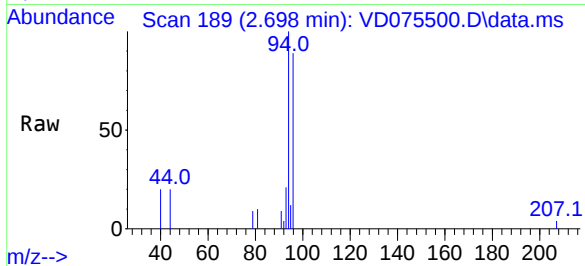




#5
Bromomethane
Concen: 4.495 ug/l
RT: 2.698 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

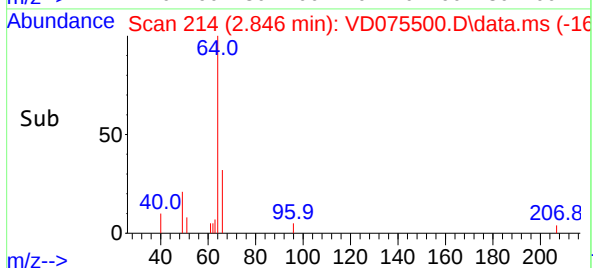
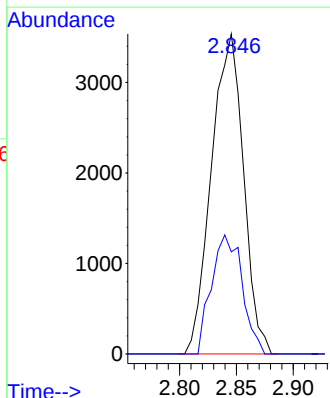
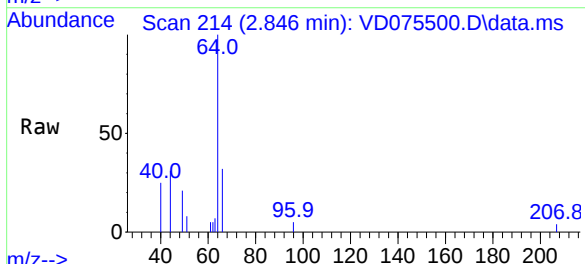
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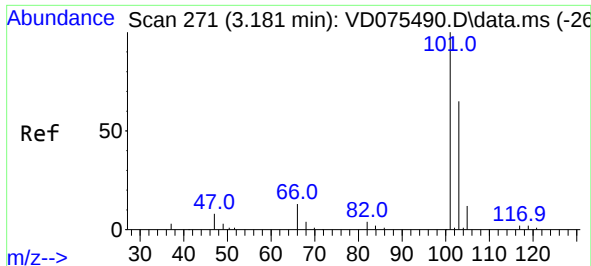
Tgt Ion: 94 Resp: 8359
Ion Ratio Lower Upper
94 100
96 101.7 77.5 116.3



#6
Chloroethane
Concen: 4.365 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 64 Resp: 6941
Ion Ratio Lower Upper
64 100
66 31.9 27.7 41.5

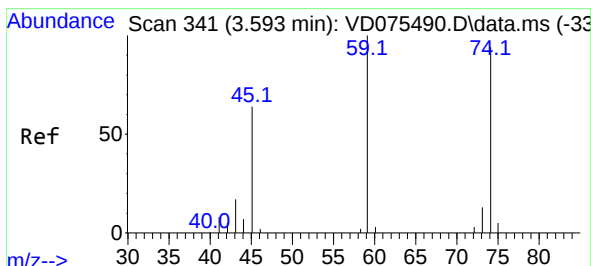
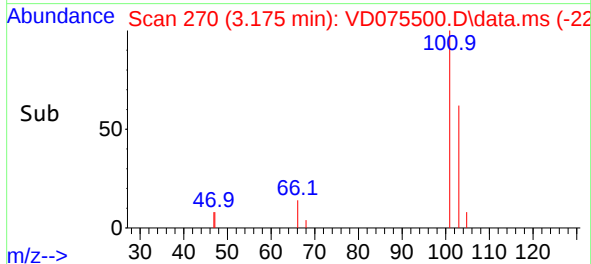
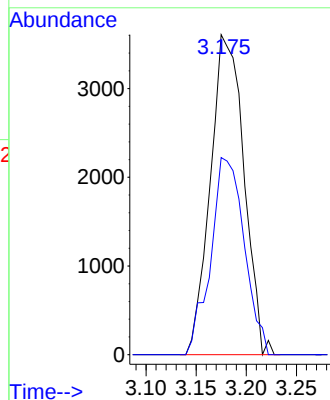
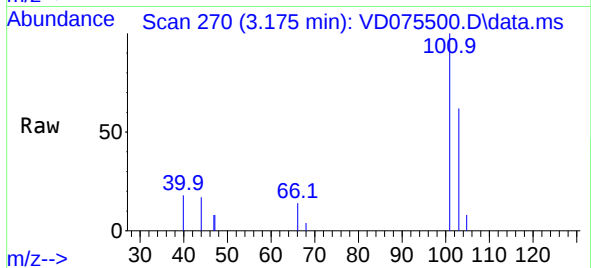




#7
Trichlorofluoromethane
Concen: 4.373 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

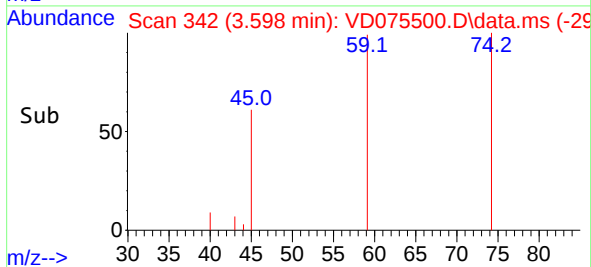
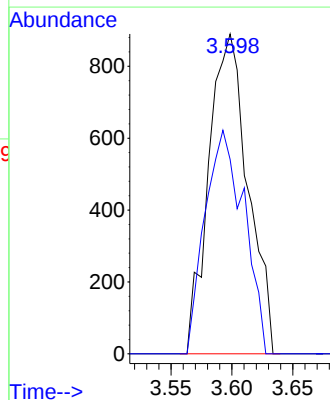
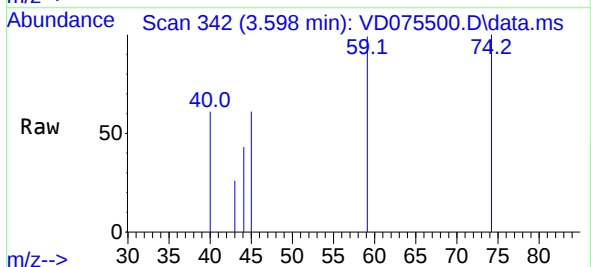
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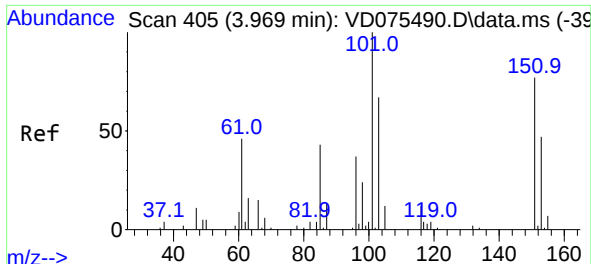
Tgt Ion:101 Resp: 8368
Ion Ratio Lower Upper
101 100
103 61.6 51.9 77.9



#8
Diethyl Ether
Concen: 3.918 ug/l
RT: 3.598 min Scan# 342
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 74 Resp: 2001
Ion Ratio Lower Upper
74 100
45 69.4 50.9 152.7

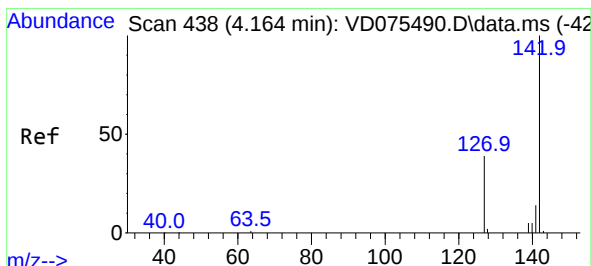
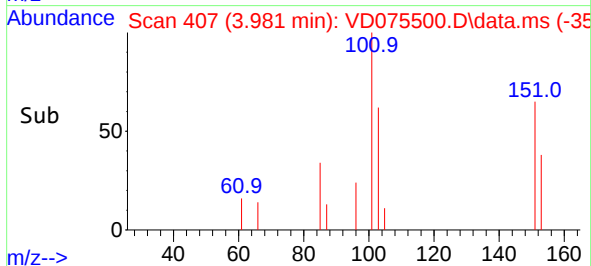
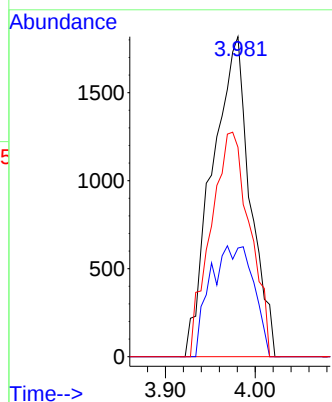
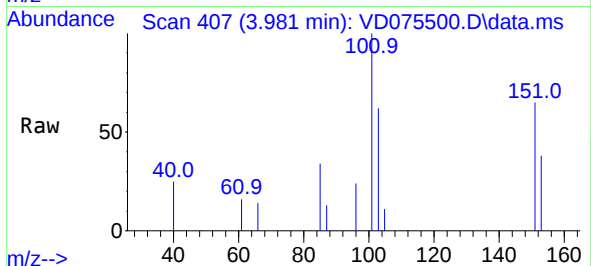




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.267 ug/l
RT: 3.981 min Scan# 405
Delta R.T. 0.011 min
Lab File: VD075500.D
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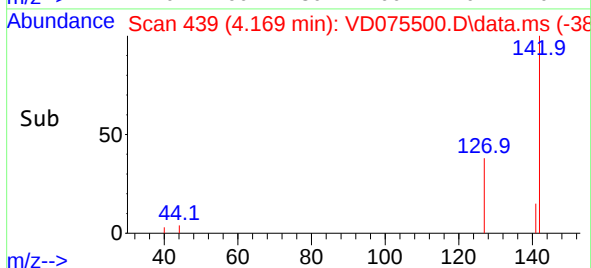
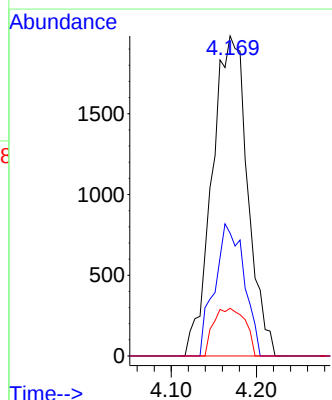
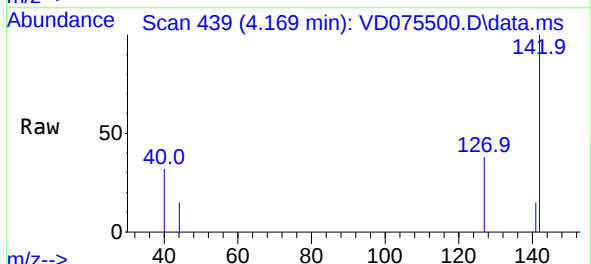
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

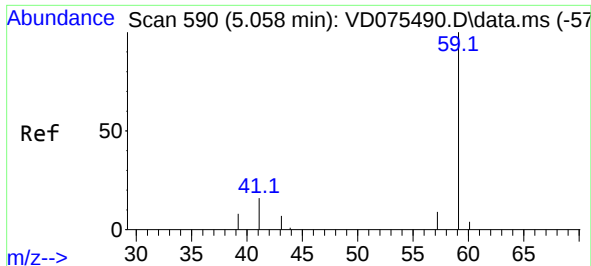
Tgt Ion:101 Resp: 5312
Ion Ratio Lower Upper
101 100
85 22.1 38.3 57.5#
151 72.6 60.4 90.6



#10
Methyl Iodide
Concen: 3.853 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:142 Resp: 5722
Ion Ratio Lower Upper
142 100
127 34.3 37.1 55.7#
141 13.3 11.3 16.9





#11

Tert butyl alcohol

Concen: 8.830 ug/l

RT: 5.045 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

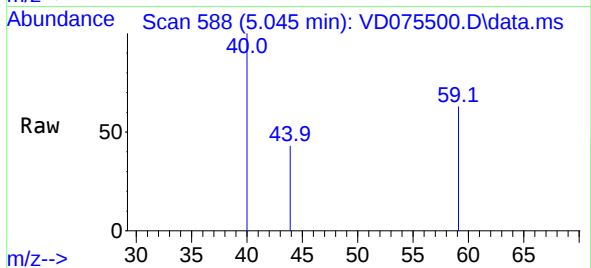
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 59 Resp: 366

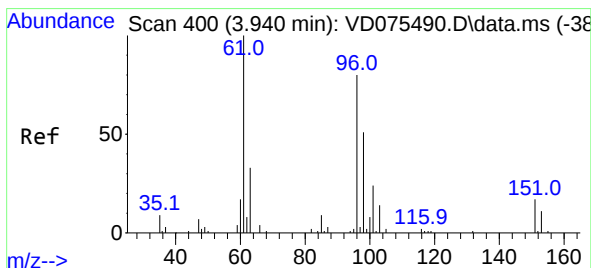
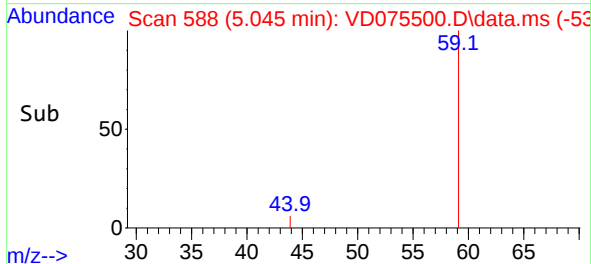
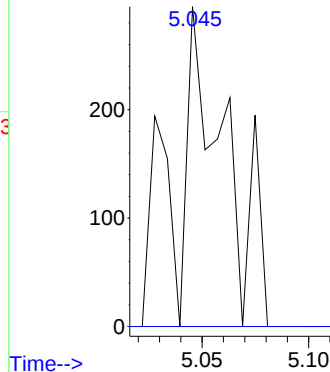
Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



Abundance



#12

1,1-Dichloroethene

Concen: 4.042 ug/l

RT: 3.945 min Scan# 401

Delta R.T. 0.005 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

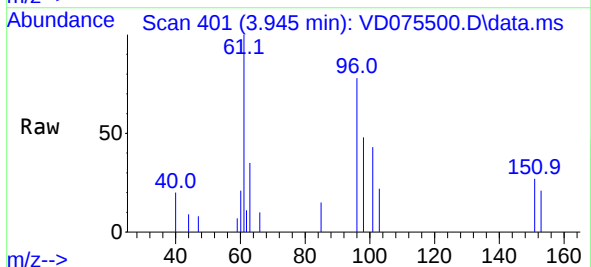
Tgt Ion: 96 Resp: 4969

Ion Ratio Lower Upper

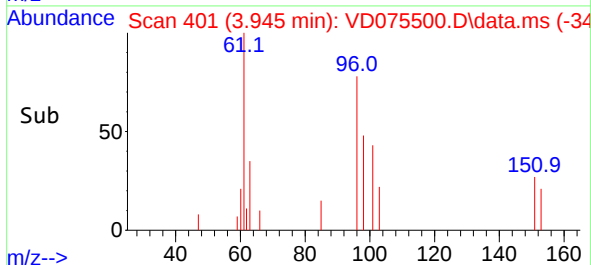
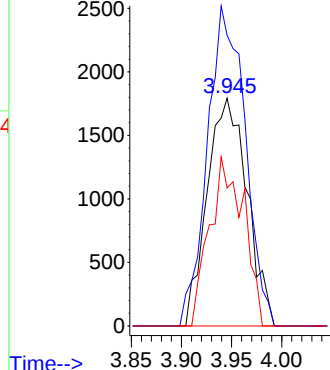
96 100

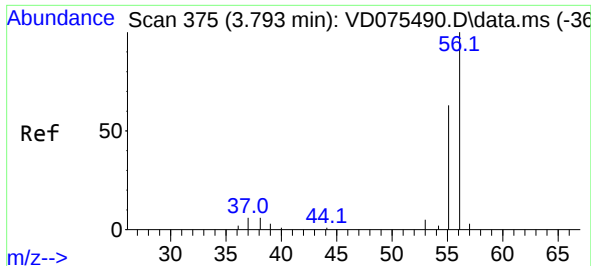
61 127.7 118.6 177.8

98 60.7 49.7 74.5



Abundance

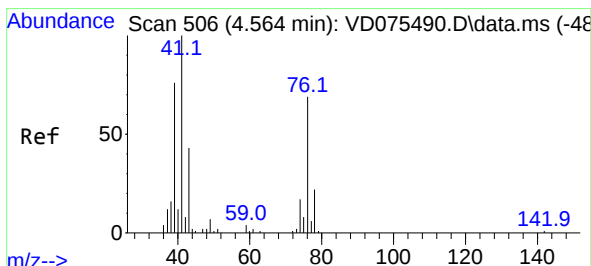
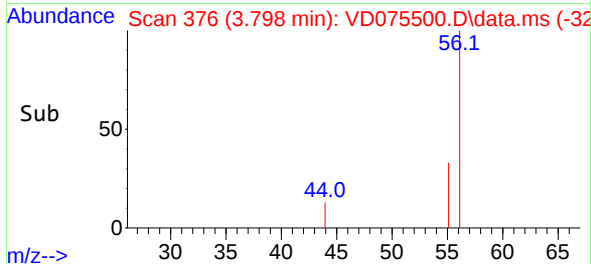
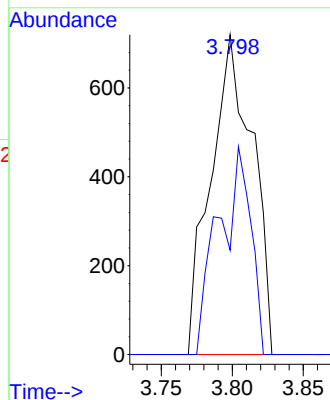
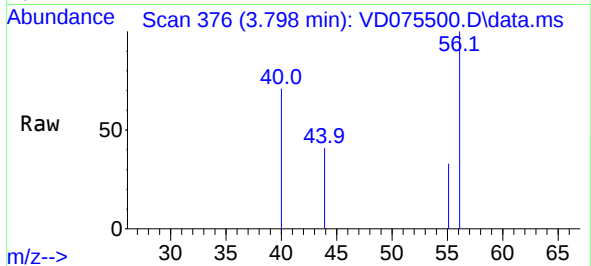




#13
Acrolein
Concen: 17.848 ug/l
RT: 3.798 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

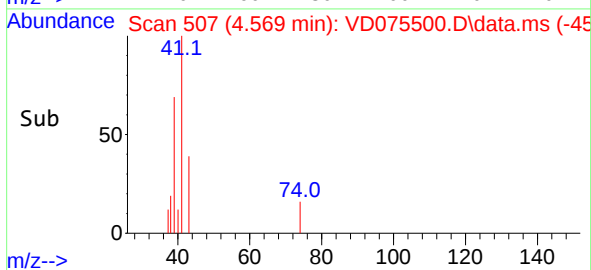
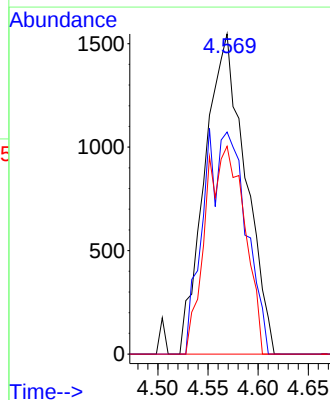
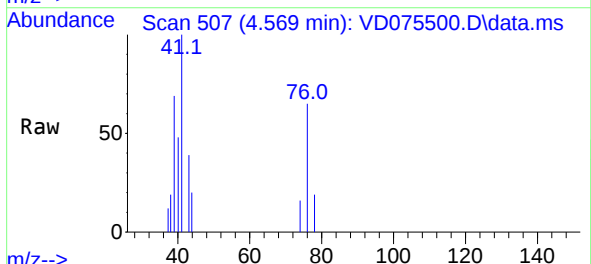
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

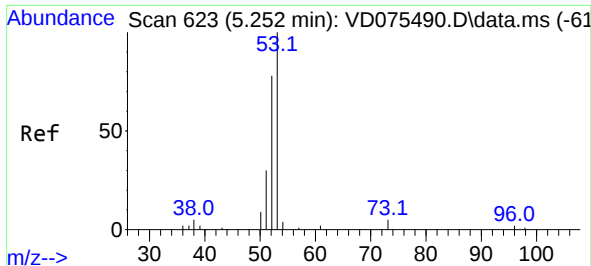
Tgt Ion: 56 Resp: 1472
Ion Ratio Lower Upper
56 100
55 50.2 53.9 80.9#



#14
Allyl chloride
Concen: 4.131 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 41 Resp: 4370
Ion Ratio Lower Upper
41 100
39 72.5 60.6 90.8
76 62.4 28.6 43.0#

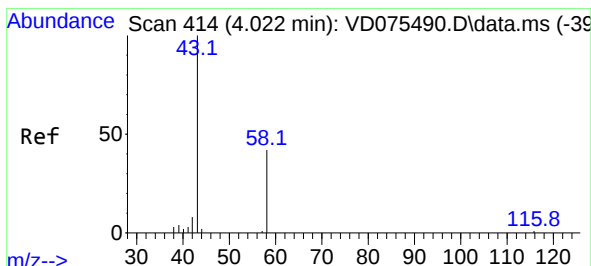
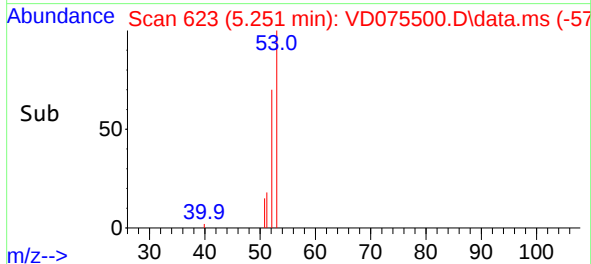
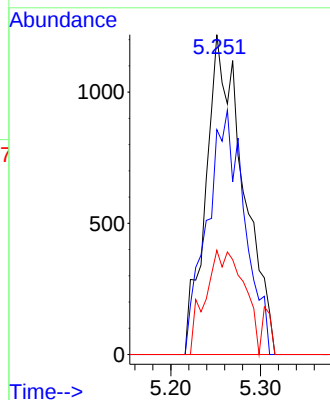
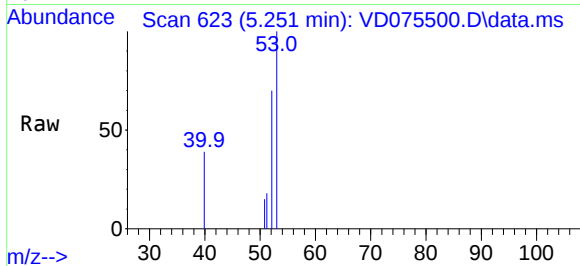




#15
Acrylonitrile
Concen: 18.911 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

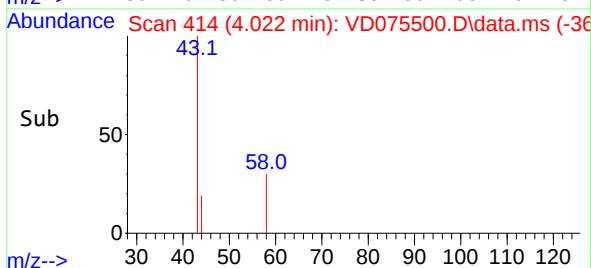
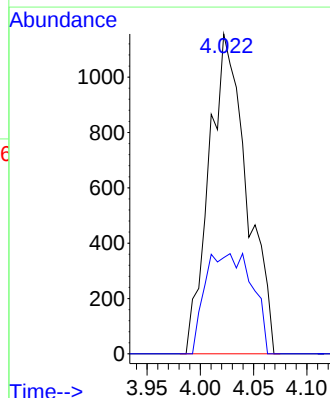
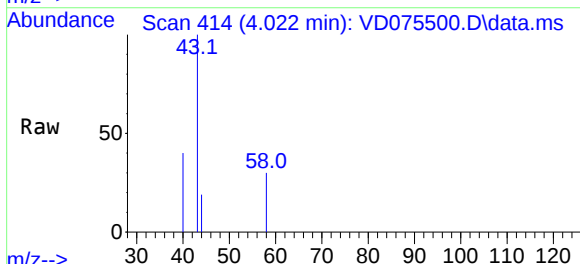
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

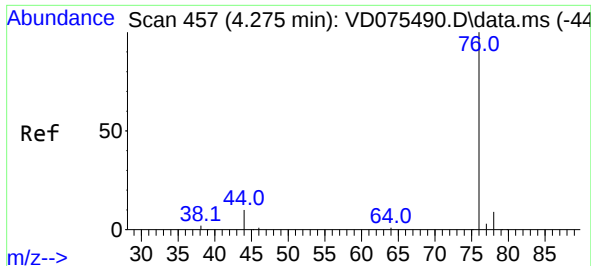
Tgt Ion:	53	Resp:	3542
Ion	Ratio	Lower	Upper
53	100		
52	76.5	66.2	99.4
51	33.5	30.7	46.1



#16
Acetone
Concen: 17.021 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	43	Resp:	2844
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.4	36.6

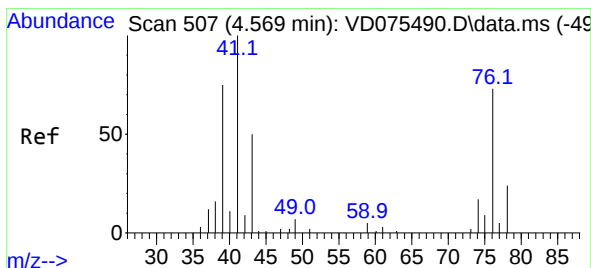
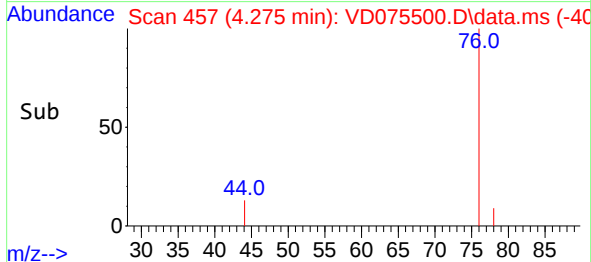
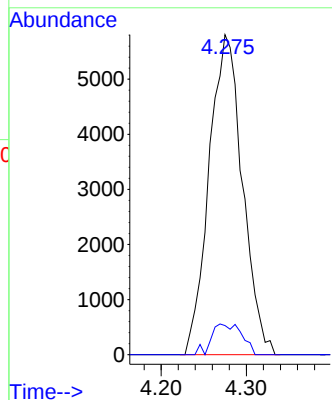
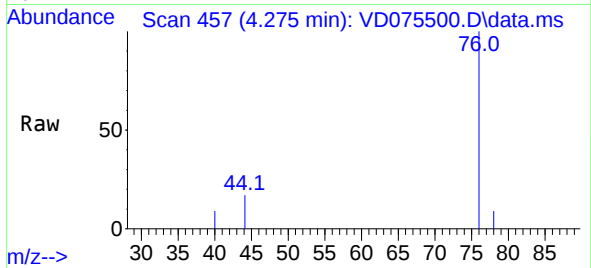




#17
Carbon Disulfide
Concen: 4.267 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

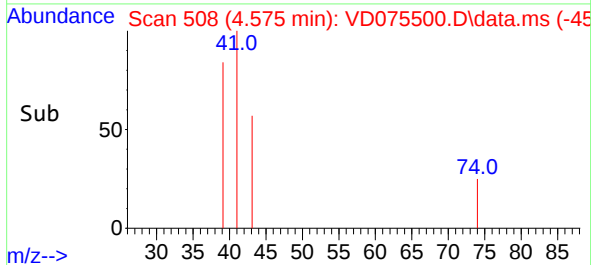
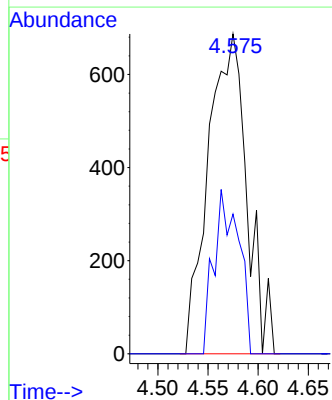
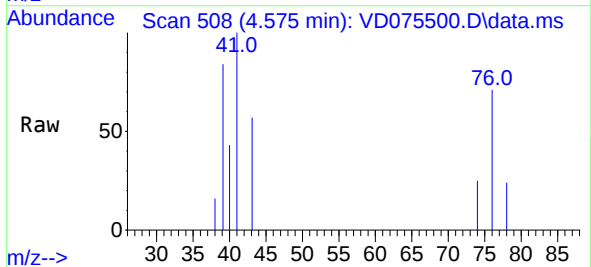
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

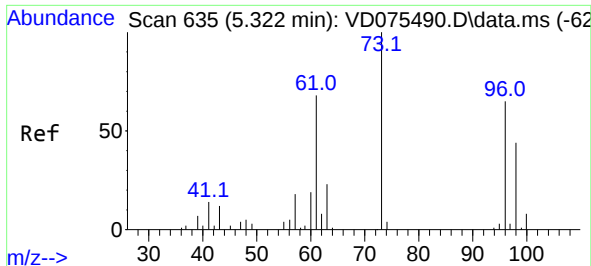
Tgt Ion: 76 Resp: 15829
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 3.872 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
74 33.0 17.8 26.6#

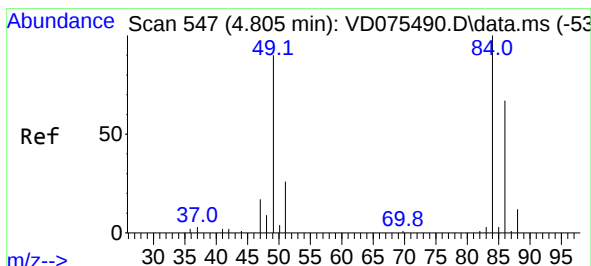
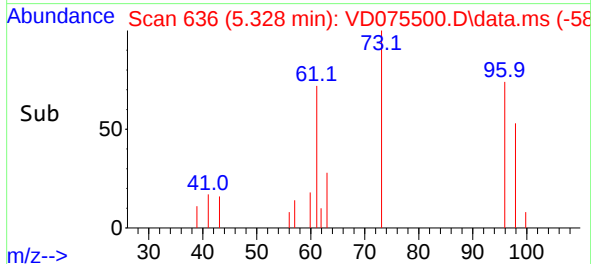
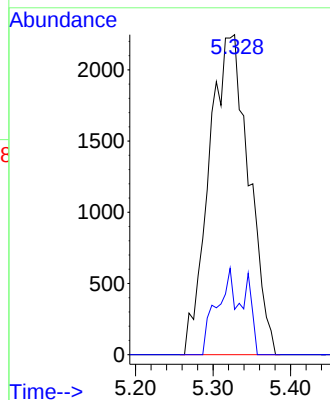
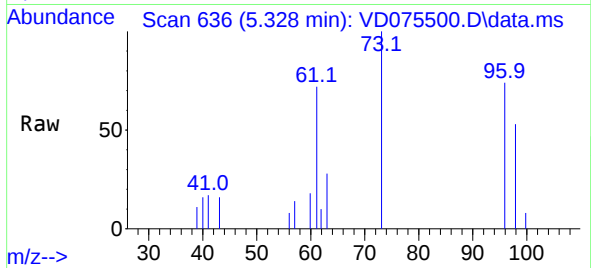




#19
Methyl tert-butyl Ether
Concen: 3.755 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

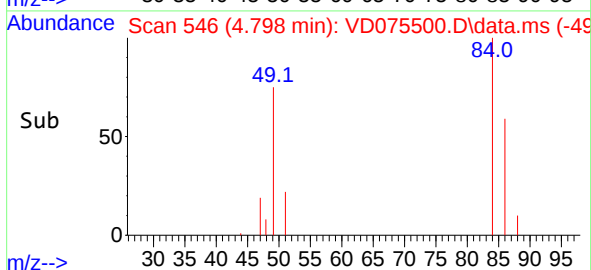
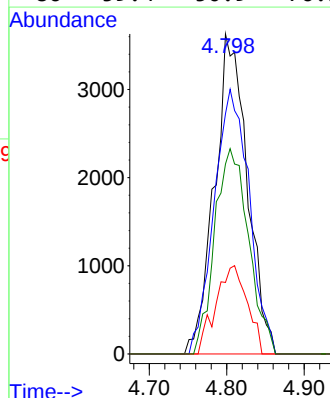
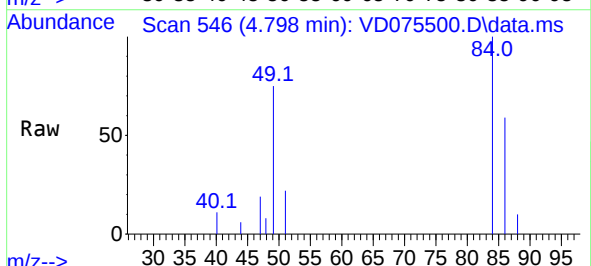
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

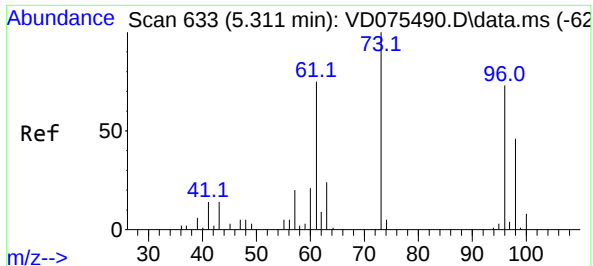
Tgt Ion: 73 Resp: 8007
Ion Ratio Lower Upper
73 100
57 14.2 17.2 25.8#



#20
Methylene Chloride
Concen: 6.651 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 84 Resp: 10642
Ion Ratio Lower Upper
84 100
49 75.1 106.4 159.6#
51 22.3 32.4 48.6#
86 59.4 50.9 76.3

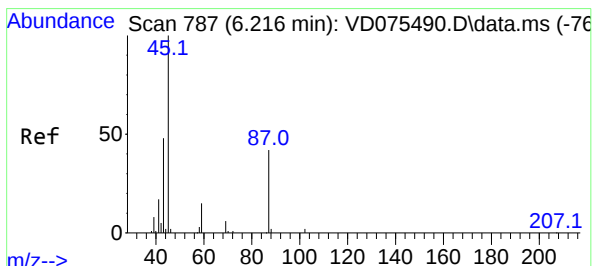
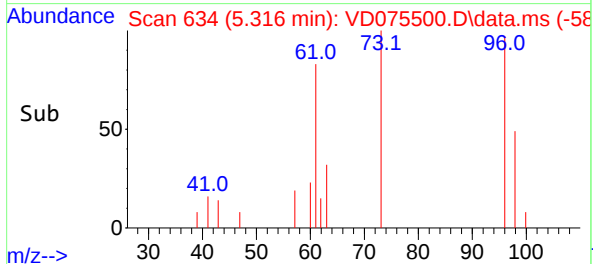
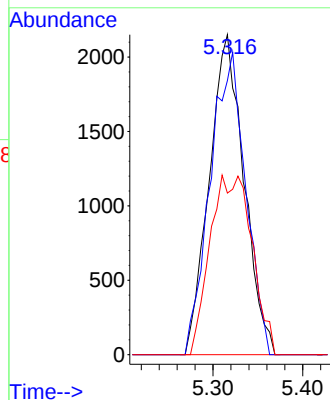
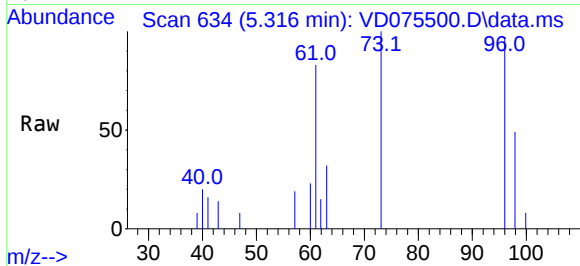




#21
trans-1,2-Dichloroethene
Concen: 4.131 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

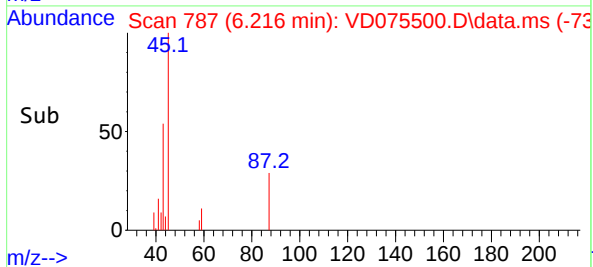
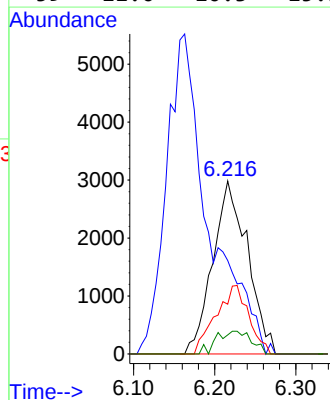
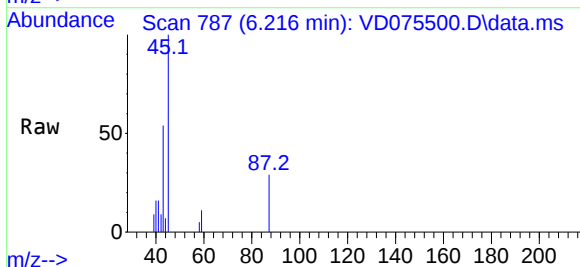
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

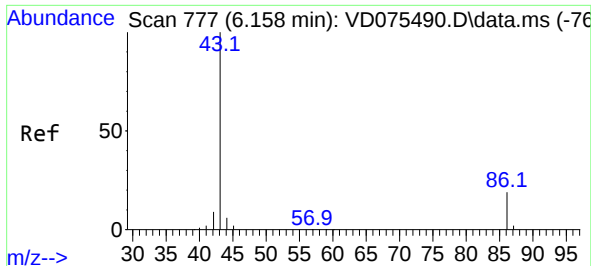
Tgt Ion: 96 Resp: 5774
Ion Ratio Lower Upper
96 100
61 85.6 117.2 175.8#
98 50.5 50.6 76.0#



#22
Diisopropyl ether
Concen: 3.866 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 45 Resp: 8865
Ion Ratio Lower Upper
45 100
43 54.0 44.4 66.6
87 28.8 20.9 31.3
59 11.0 10.3 15.5

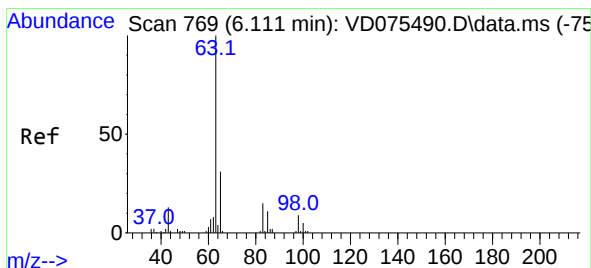
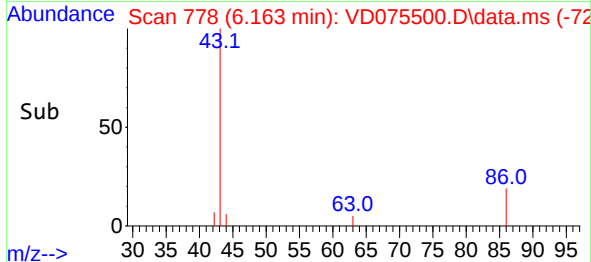
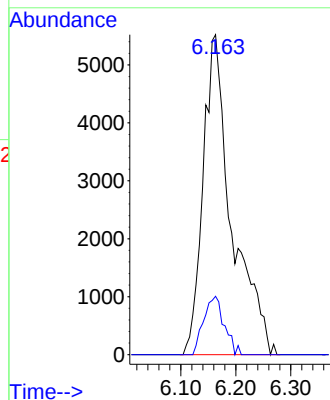
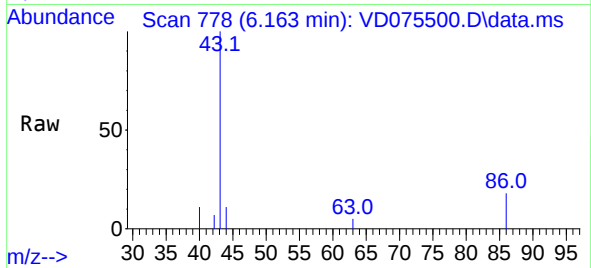




#23
 Vinyl Acetate
 Concen: 17.991 ug/l
 RT: 6.163 min Scan# 711
 Delta R.T. 0.005 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

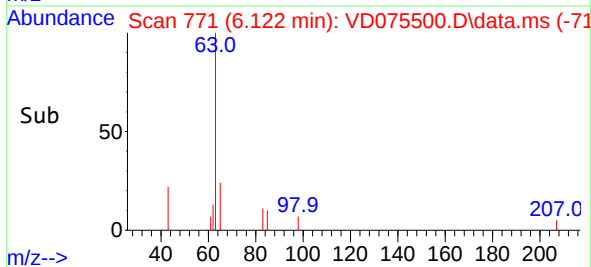
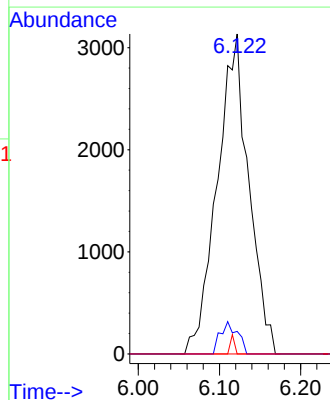
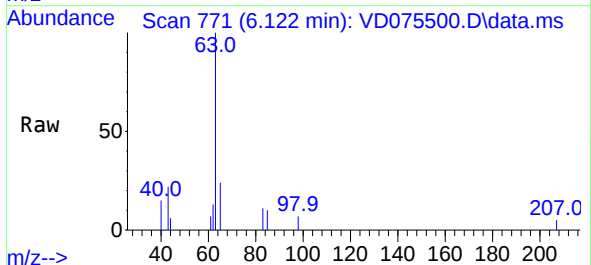
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

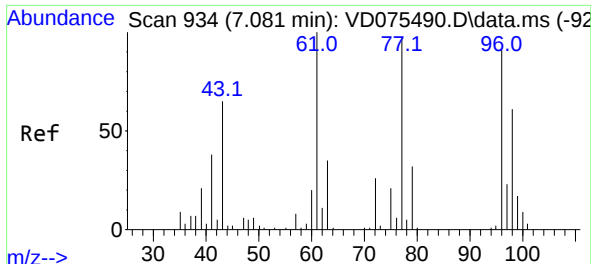
Tgt Ion: 43 Resp: 20019
 Ion Ratio Lower Upper
 43 100
 86 18.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 4.272 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.011 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

Tgt Ion: 63 Resp: 8484
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 0.0 2.0 6.0#

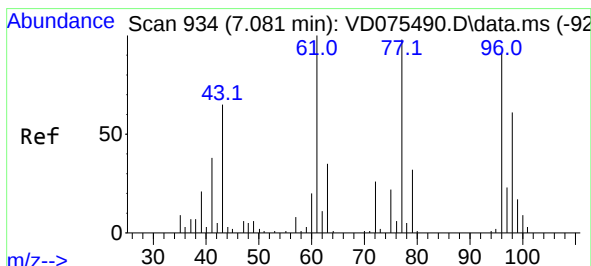
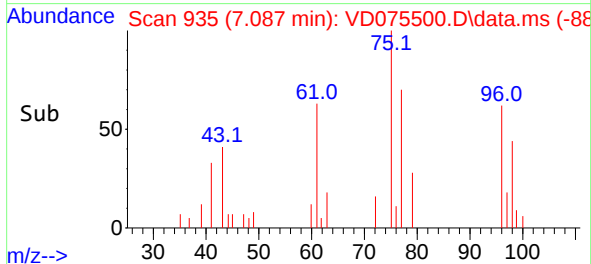
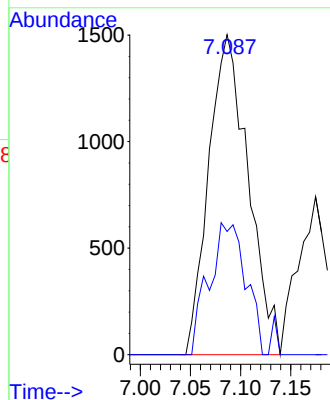
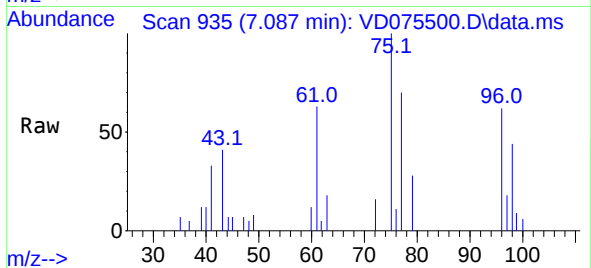




#25
2-Butanone
Concen: 19.666 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

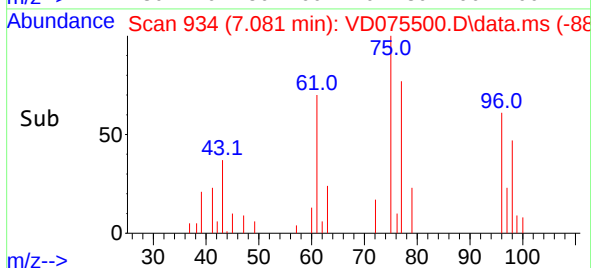
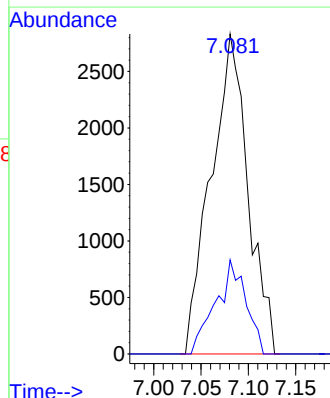
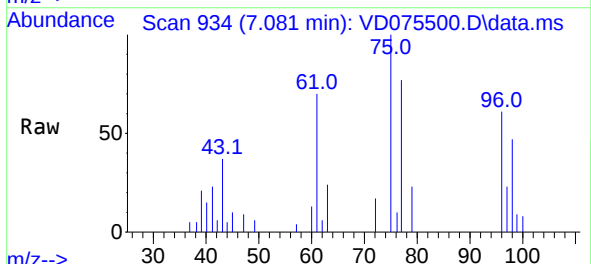
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

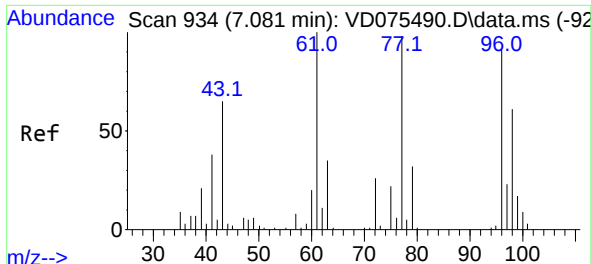
Tgt Ion: 43 Resp: 4116
Ion Ratio Lower Upper
43 100
72 38.5 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 4.221 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

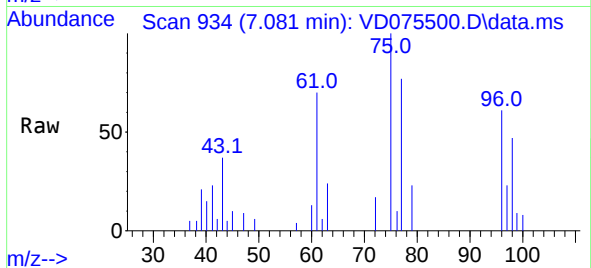
Tgt Ion: 77 Resp: 7710
Ion Ratio Lower Upper
77 100
97 24.0 11.1 33.1





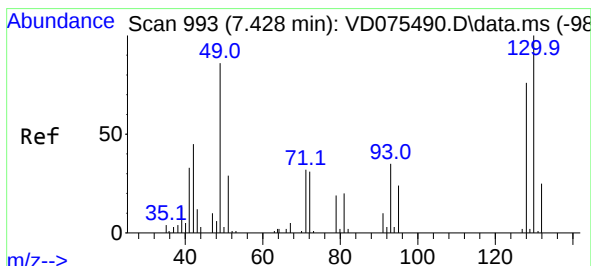
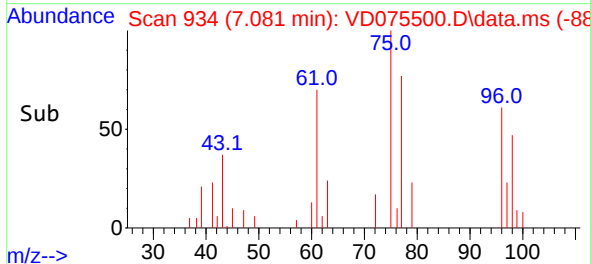
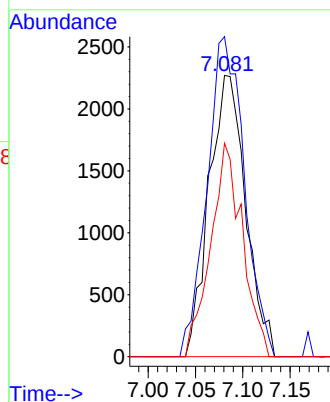
#27
cis-1,2-Dichloroethene
Concen: 4.079 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 96 Resp: 6109

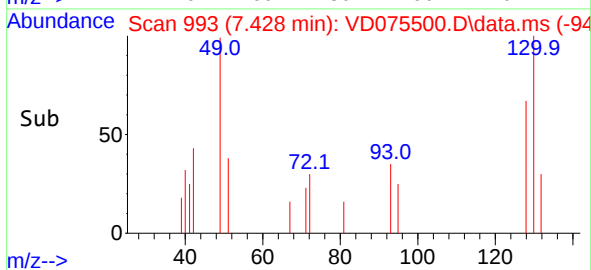
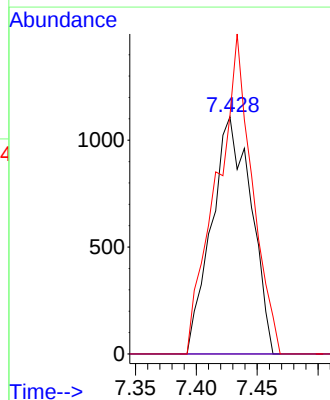
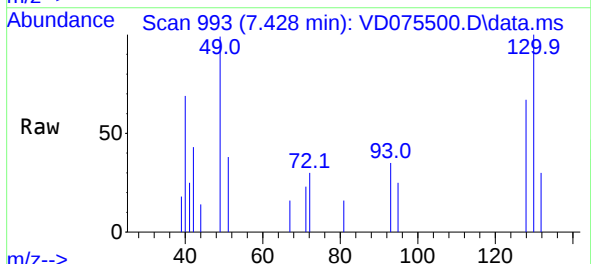
Ion	Ratio	Lower	Upper
96	100		
61	115.5	0.0	295.2
98	66.0	0.0	129.2

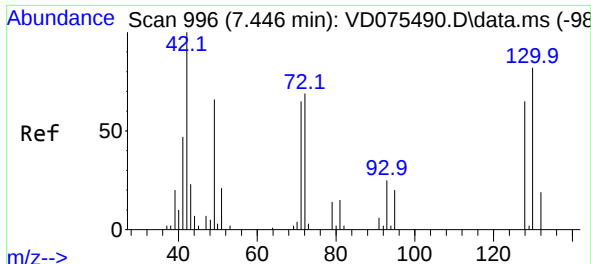


#28
Bromochloromethane
Concen: 3.916 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 49 Resp: 2507

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	120.9	56.0	84.0#

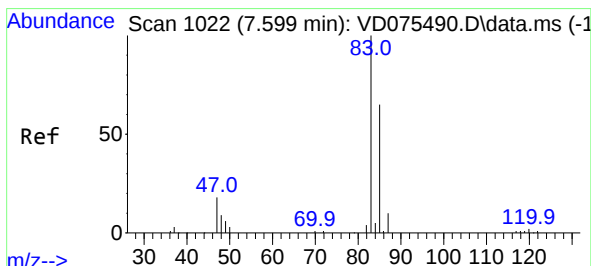
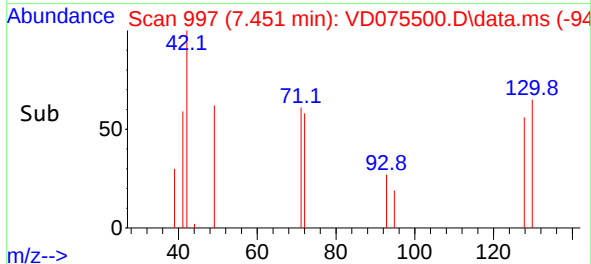
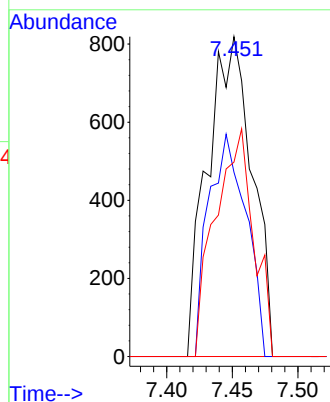
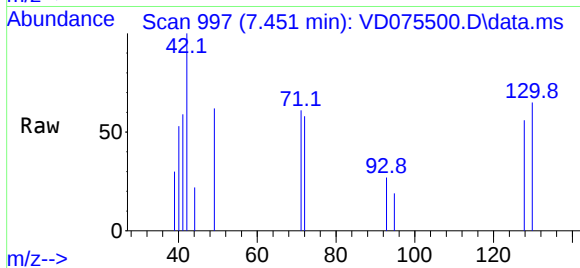




#29
Tetrahydrofuran
Concen: 17.119 ug/l
RT: 7.451 min Scan# 996
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

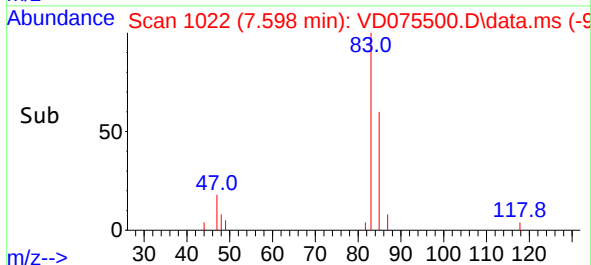
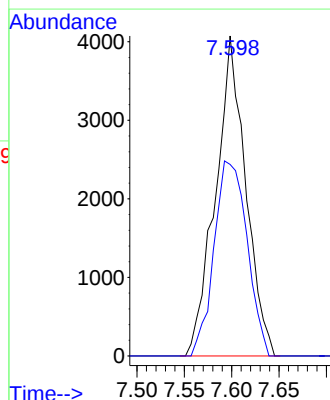
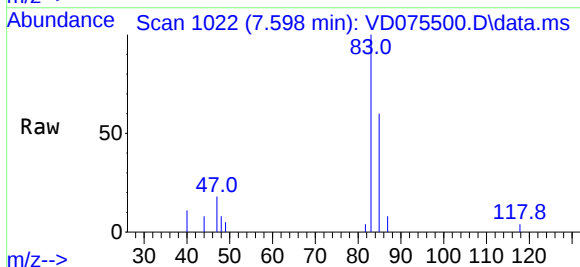
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

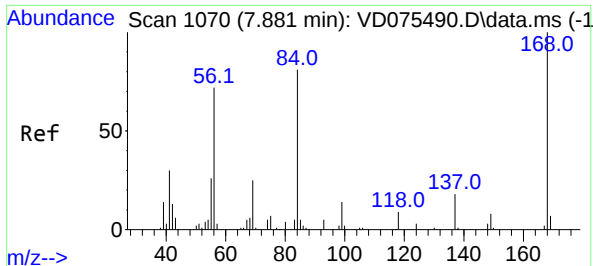
Tgt Ion: 42 Resp: 1950
Ion Ratio Lower Upper
42 100
72 58.3 31.8 47.6#
71 60.9 27.6 41.4#



#30
Chloroform
Concen: 4.097 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 83 Resp: 9037
Ion Ratio Lower Upper
83 100
85 59.9 49.4 74.2





#31

Cyclohexane

Concen: 4.861 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075500.D

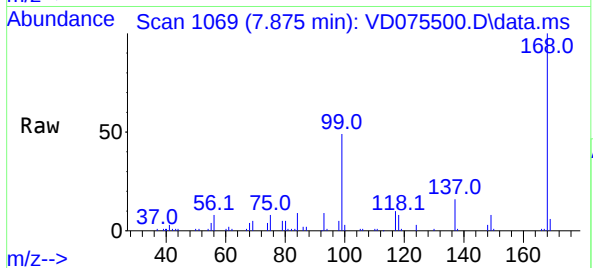
Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



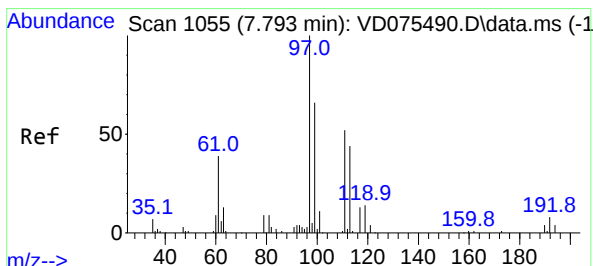
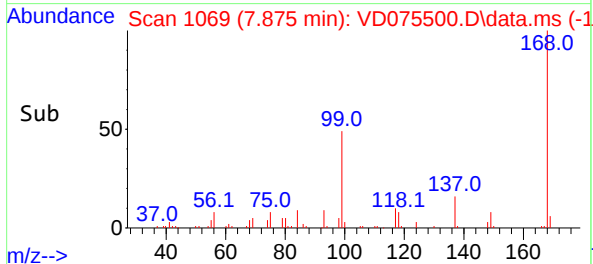
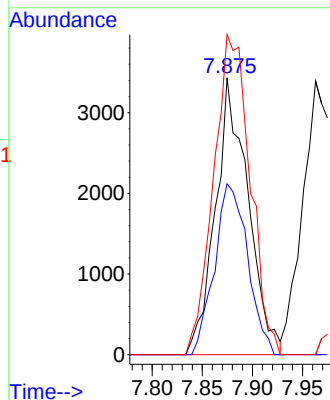
Tgt Ion: 56 Resp: 7772

Ion Ratio Lower Upper

56 100

69 61.7 25.5 38.3#

84 115.6 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 4.235 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

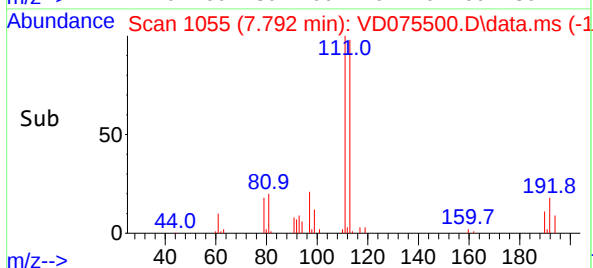
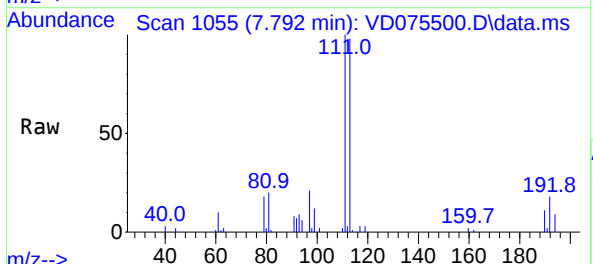
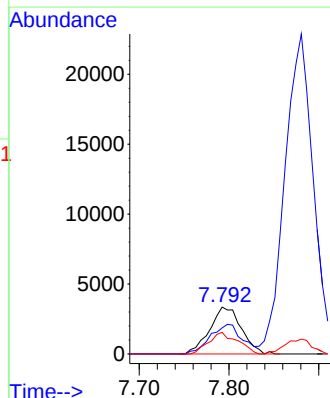
Tgt Ion: 97 Resp: 8190

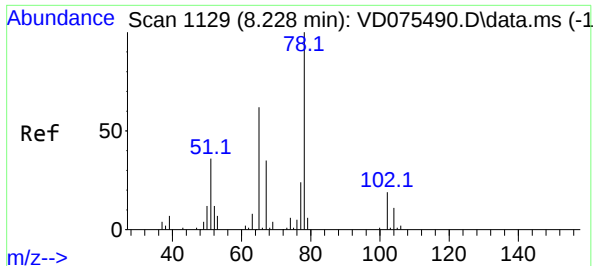
Ion Ratio Lower Upper

97 100

99 62.7 50.5 75.7

61 42.1 36.6 55.0

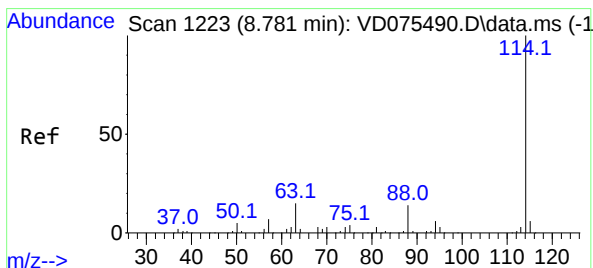
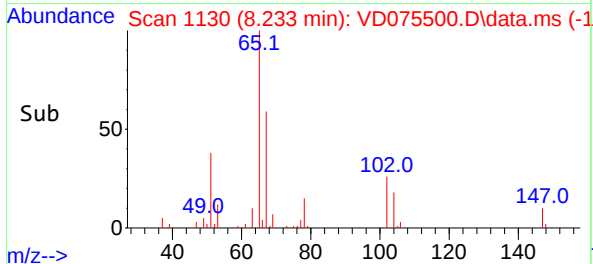
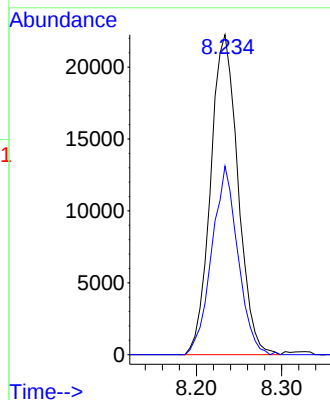
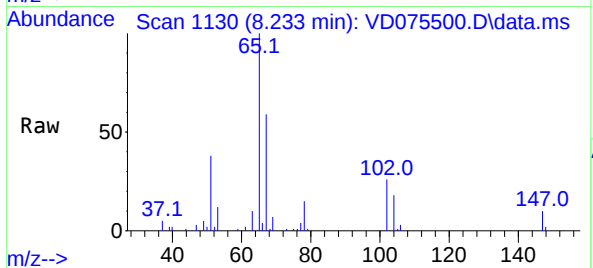




#33
1,2-Dichloroethane-d4
Concen: 55.403 ug/l
RT: 8.233 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

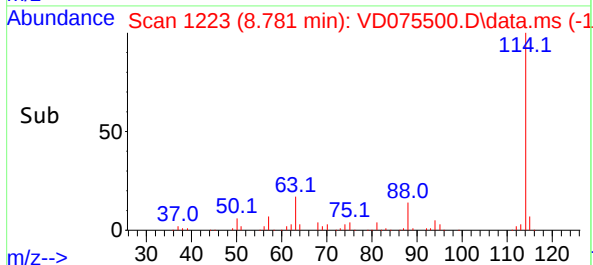
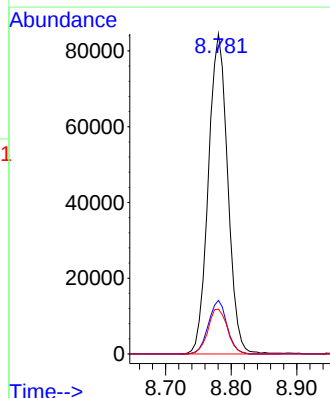
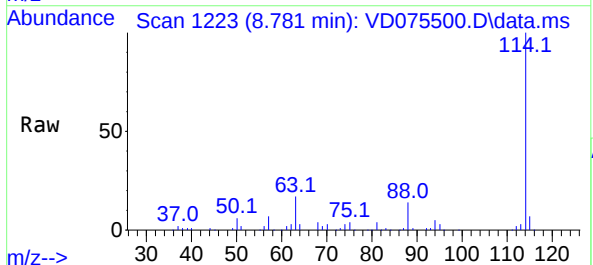
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

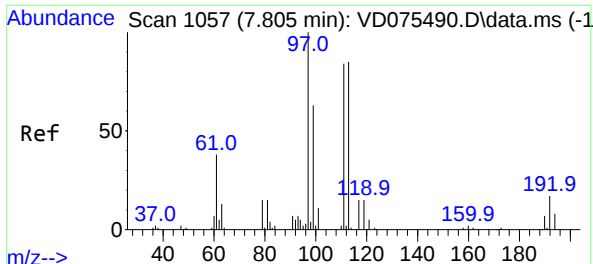
Tgt Ion: 65 Resp: 49729
Ion Ratio Lower Upper
65 100
67 56.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 114 Resp: 173336
Ion Ratio Lower Upper
114 100
63 16.7 0.0 41.6
88 14.0 0.0 30.6



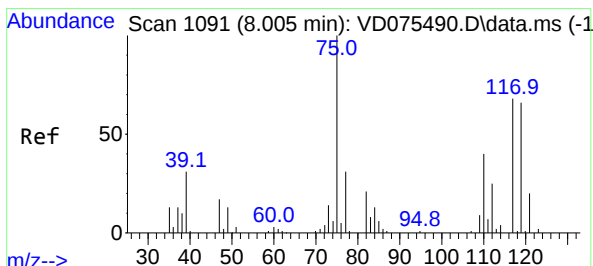
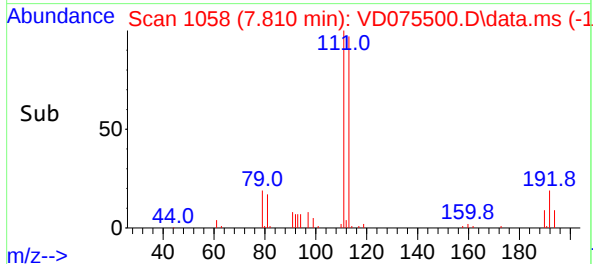
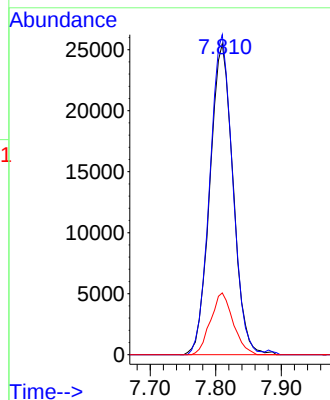
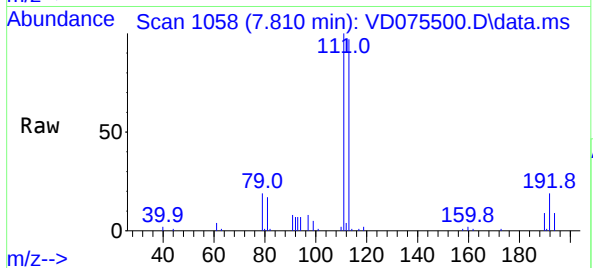


#35
 Dibromofluoromethane
 Concen: 52.607 ug/l
 RT: 7.810 min Scan# 1057
 Delta R.T. 0.005 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 113 Resp: 62454

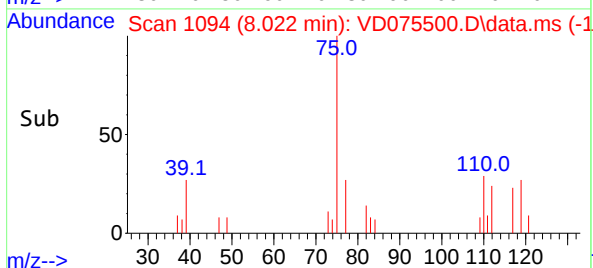
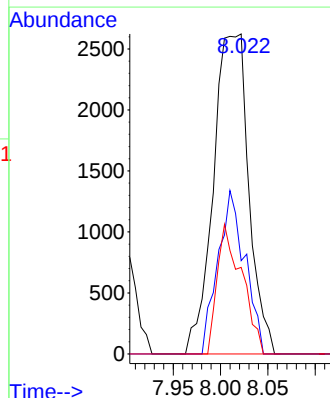
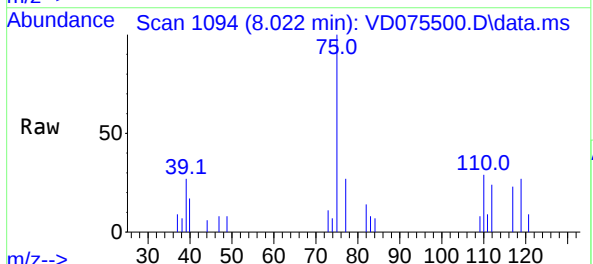
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	19.4	15.2	22.8

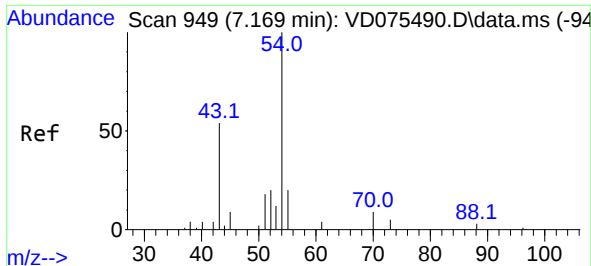


#36
 1,1-Dichloropropene
 Concen: 3.874 ug/l
 RT: 8.022 min Scan# 1094
 Delta R.T. 0.017 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

Tgt Ion: 75 Resp: 6816

Ion	Ratio	Lower	Upper
75	100		
110	38.9	17.1	51.2
77	28.2	24.6	36.8





#37

Ethyl Acetate

Concen: 3.527 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.005 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

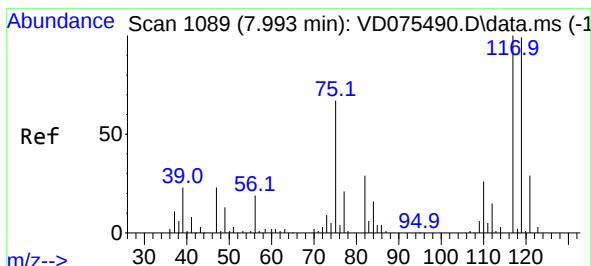
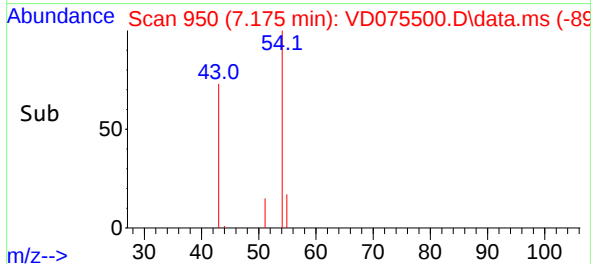
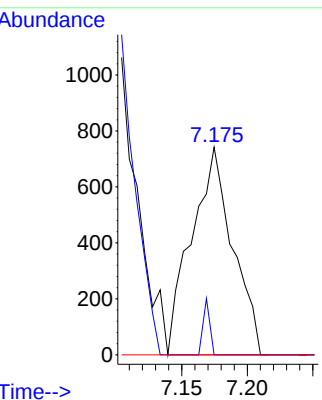
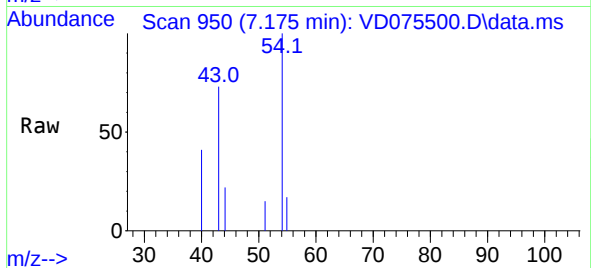
Tgt Ion: 43 Resp: 1617

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

70 0.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 3.405 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. 0.005 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

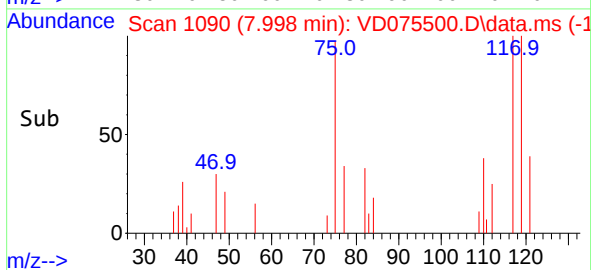
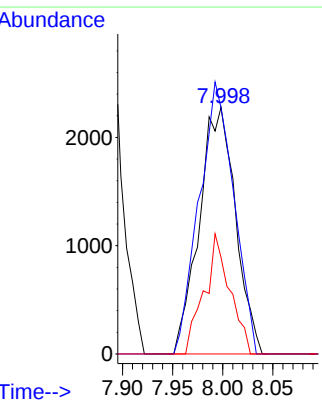
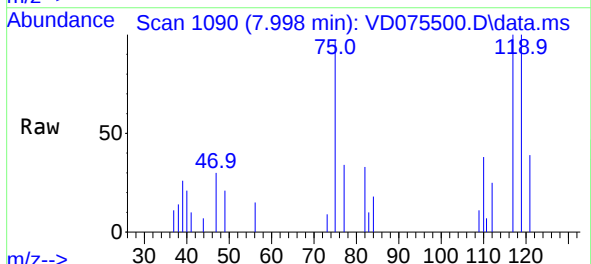
Tgt Ion: 117 Resp: 5740

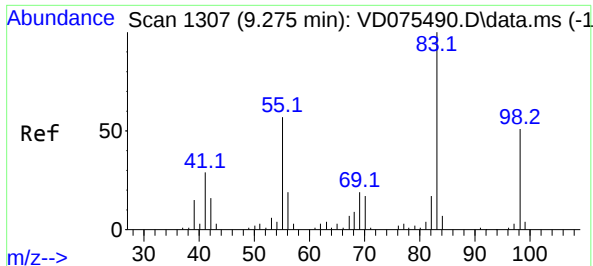
Ion Ratio Lower Upper

117 100

119 99.9 74.7 112.1

121 39.2 25.9 38.9#





#39

Methylcyclohexane

Concen: 3.707 ug/l

RT: 9.281 min Scan# 1138

Delta R.T. 0.005 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

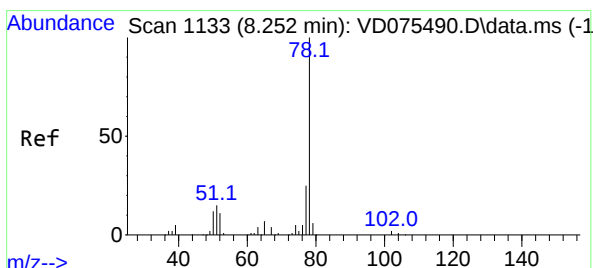
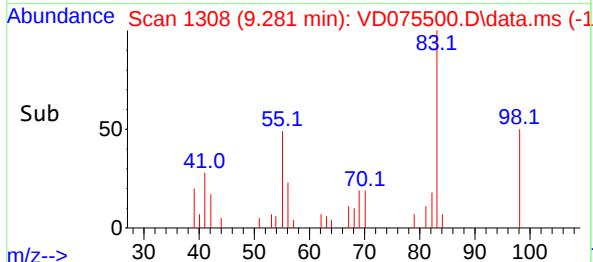
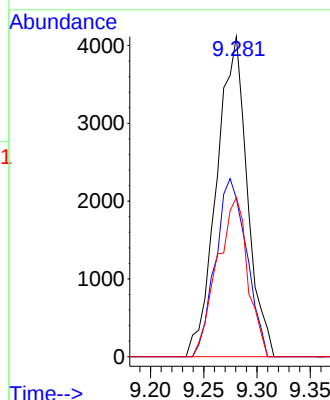
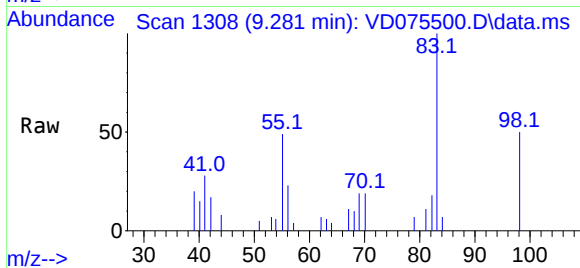
Tgt Ion: 83 Resp: 8223

Ion Ratio Lower Upper

83 100

55 49.5 56.8 85.2#

98 49.7 38.9 58.3



#40

Benzene

Concen: 3.976 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.005 min

Lab File: VD075500.D

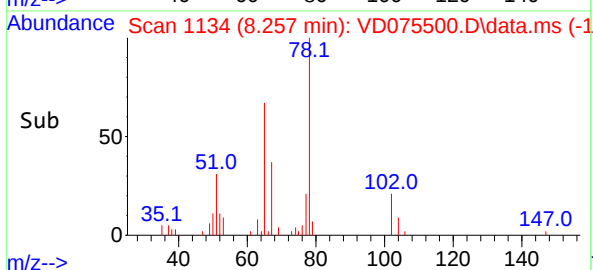
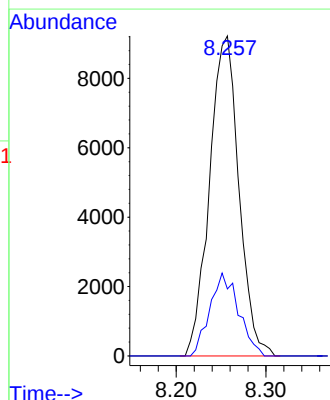
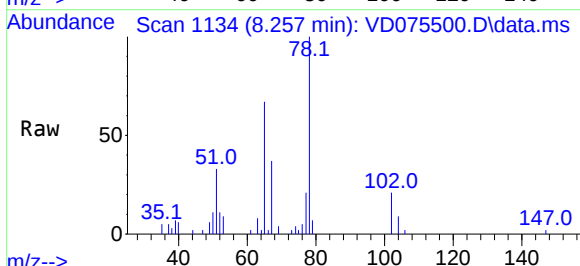
Acq: 10 Mar 2023 18:51

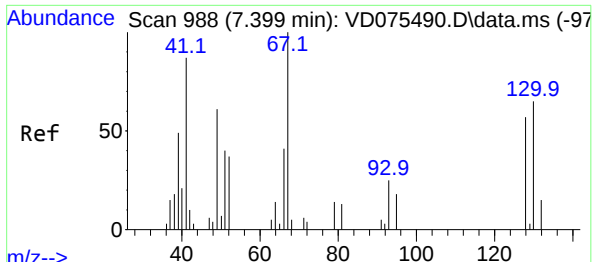
Tgt Ion: 78 Resp: 20963

Ion Ratio Lower Upper

78 100

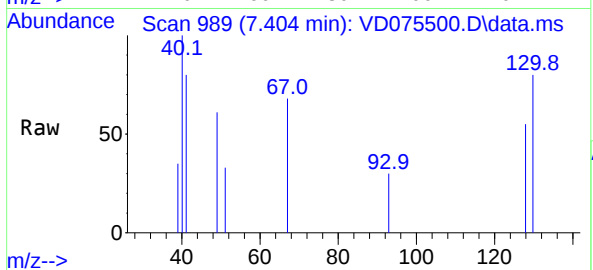
77 20.9 19.1 28.7



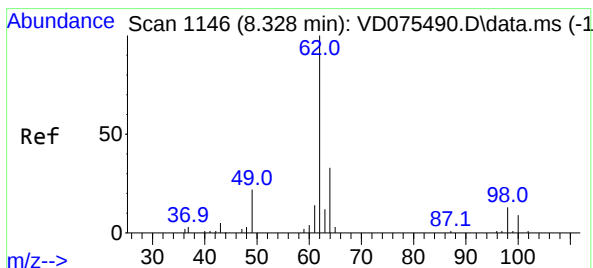
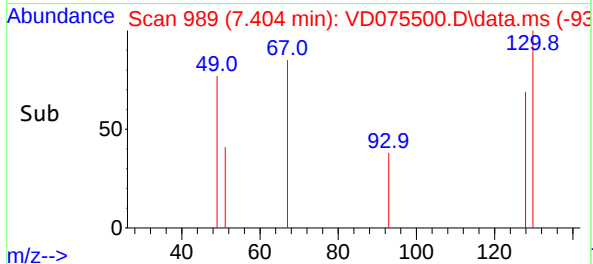
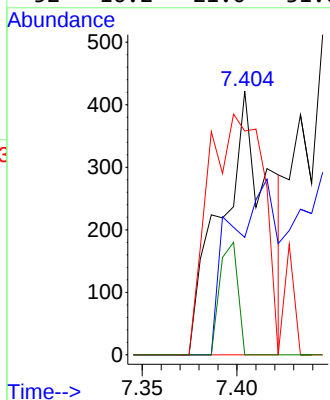


#41
Methacrylonitrile
Concen: 3.034 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

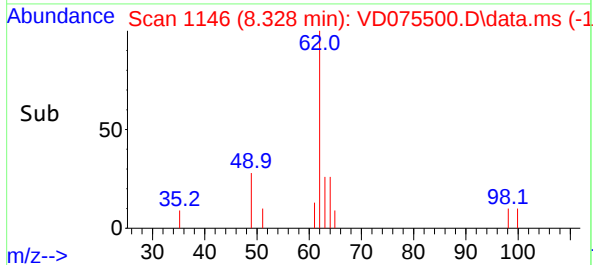
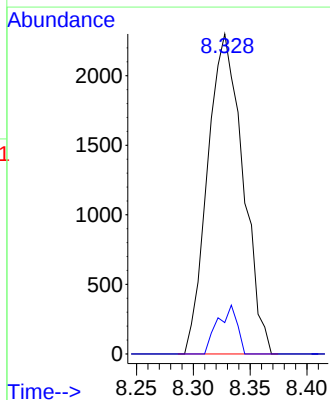
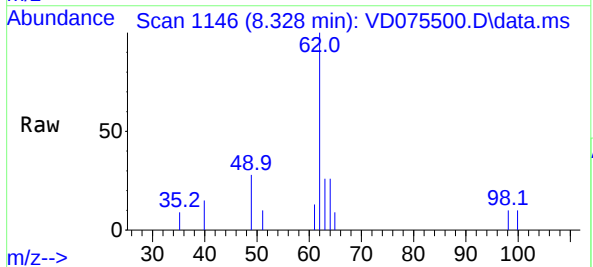


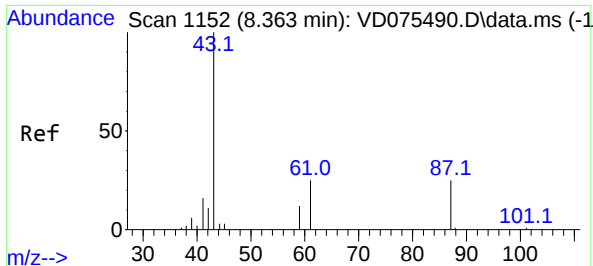
Tgt Ion: 41 Resp: 733
Ion Ratio Lower Upper
41 100
39 73.1 45.3 67.9#
67 113.9 50.5 75.7#
52 16.2 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 4.289 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 62 Resp: 4978
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.8

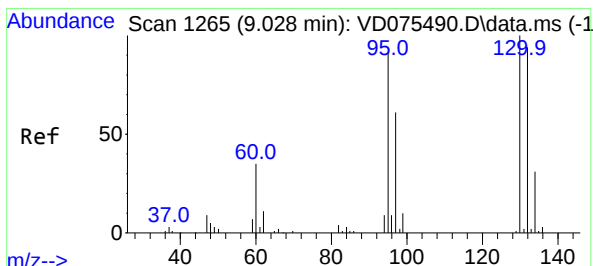
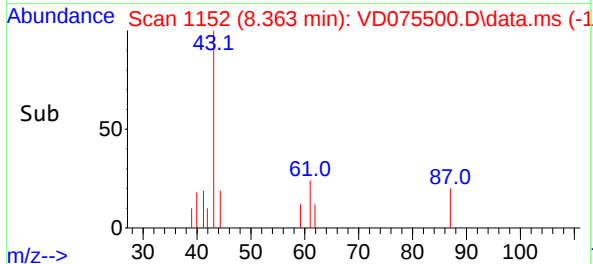
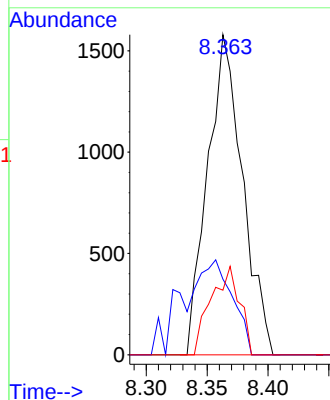
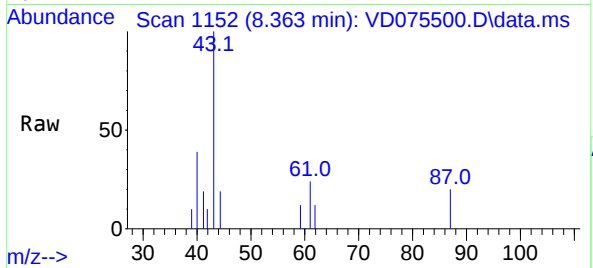




#43
Isopropyl Acetate
Concen: 3.728 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

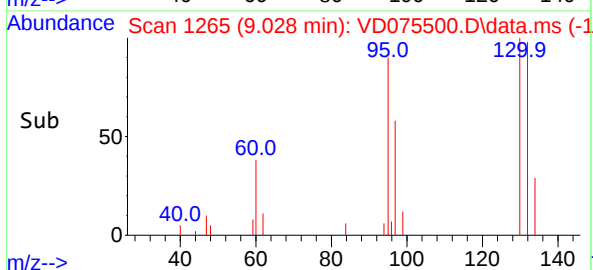
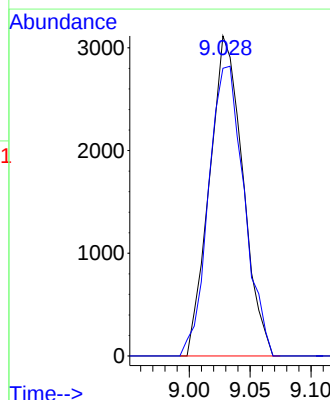
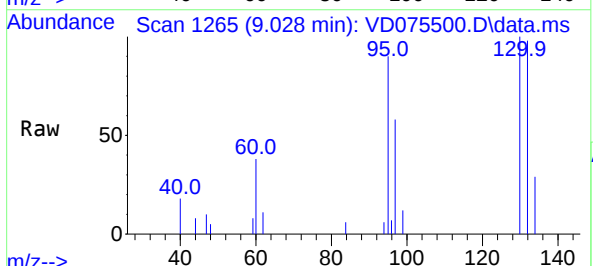
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

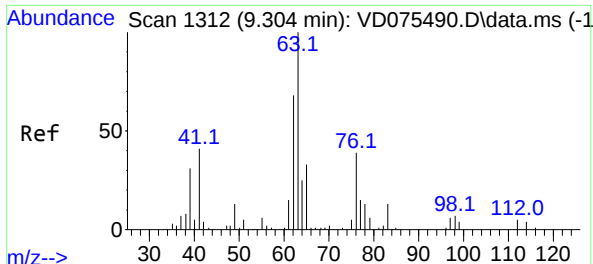
Tgt Ion:	43	Resp:	3162
Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.4	35.0
87	22.6	9.5	14.3



#44
Trichloroethene
Concen: 3.822 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	130	Resp:	5922
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	197.6

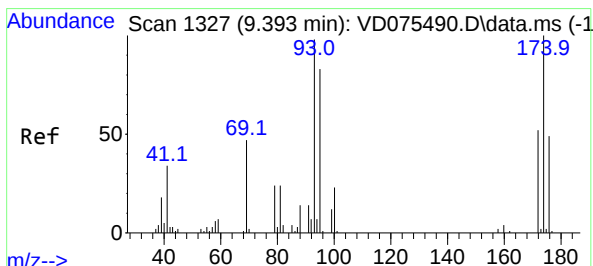
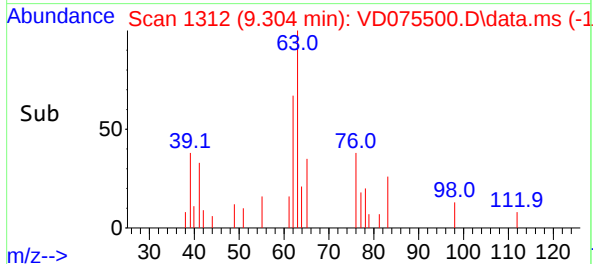
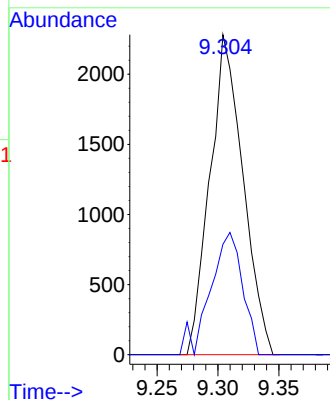
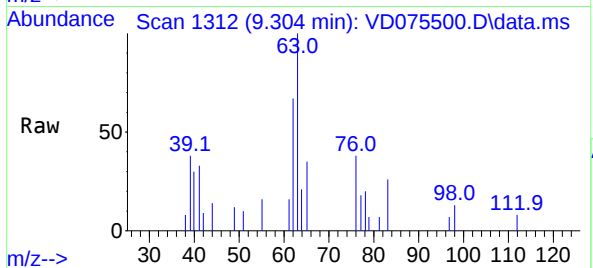




#45
1,2-Dichloropropane
Concen: 3.810 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

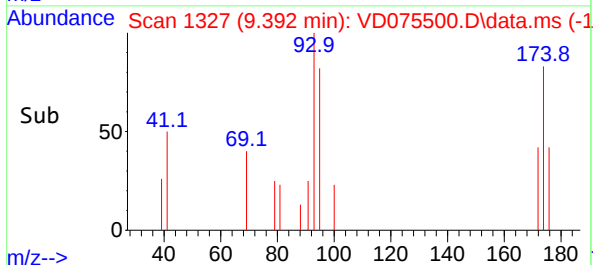
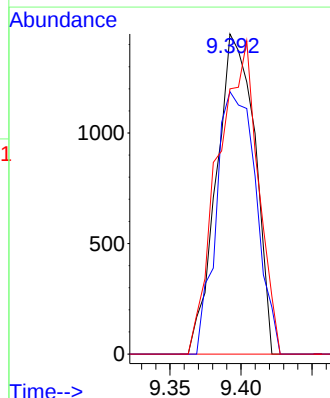
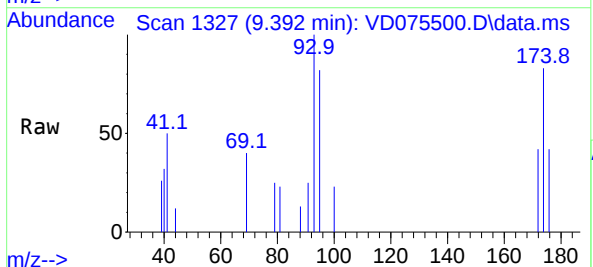
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

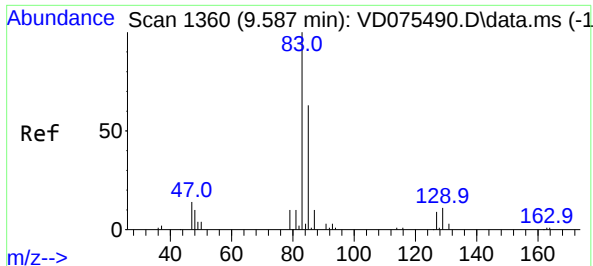
Tgt Ion: 63 Resp: 4318
Ion Ratio Lower Upper
63 100
65 34.5 23.0 34.4#



#46
Dibromomethane
Concen: 3.879 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 93 Resp: 2710
Ion Ratio Lower Upper
93 100
95 85.4 64.5 96.7
174 102.6 76.2 114.4

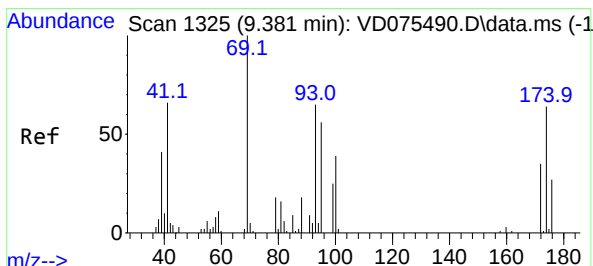
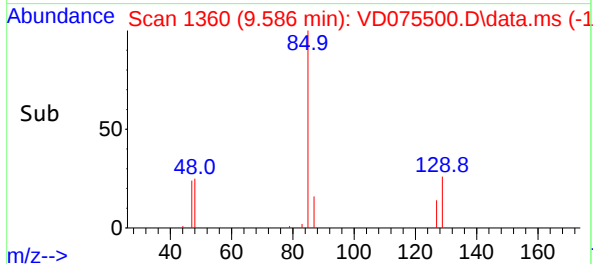
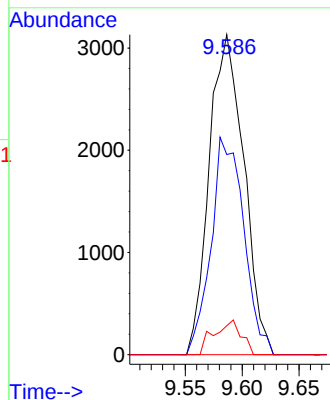
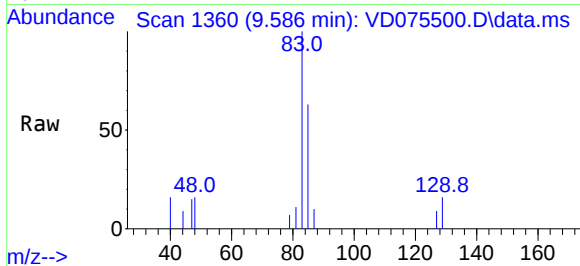




#47
Bromodichloromethane
Concen: 3.932 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

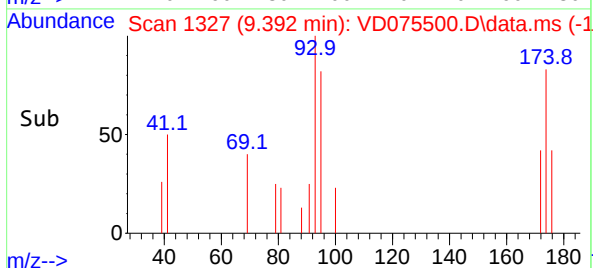
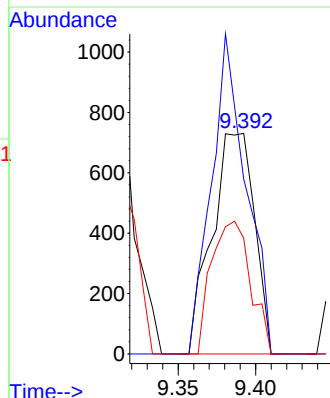
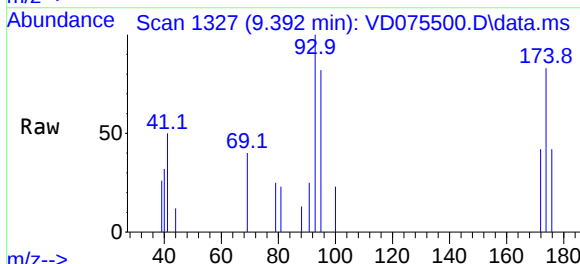
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

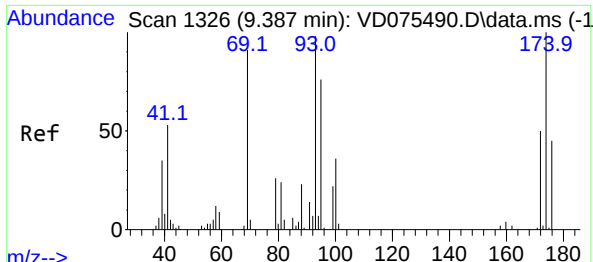
Tgt Ion: 83	Resp:	6651	
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.7	80.5
127	9.0	7.0	10.6



#48
Methyl methacrylate
Concen: 3.503 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. 0.011 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 41	Resp:	1396	
Ion	Ratio	Lower	Upper
41	100		
69	117.9	58.6	88.0#
39	55.4	53.4	80.0





#49

1,4-Dioxane

Concen: 23.512 ug/l

RT: 9.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075500.D

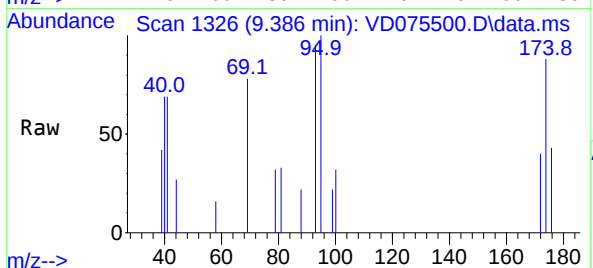
Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



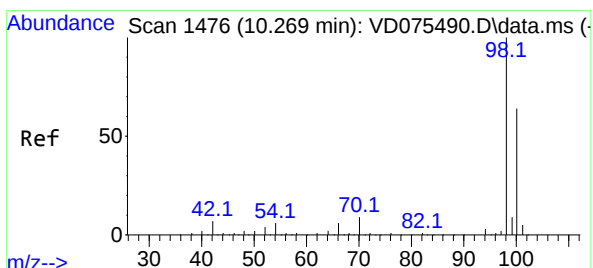
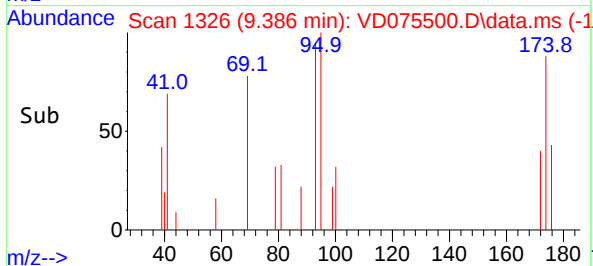
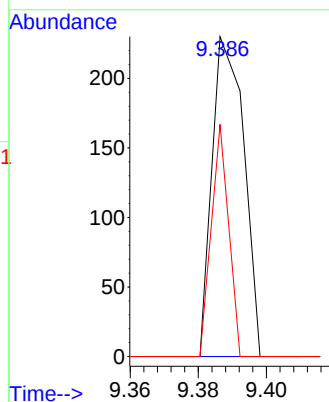
Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

43 0.0 34.6 51.8#

58 39.6 58.0 87.0#



#50

Toluene-d8

Concen: 53.277 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.005 min

Lab File: VD075500.D

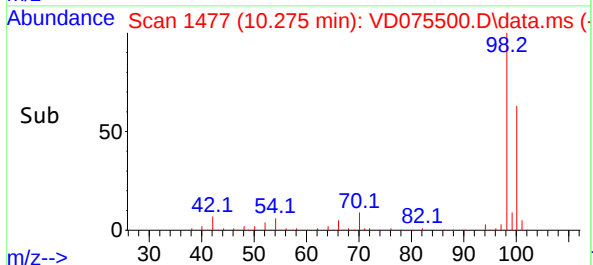
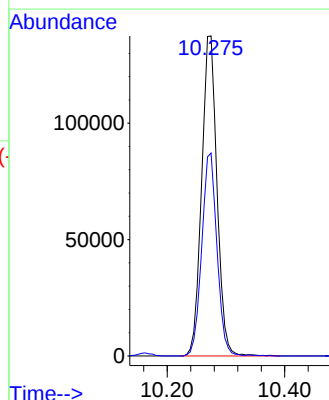
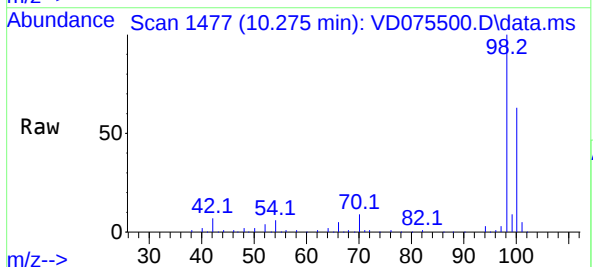
Acq: 10 Mar 2023 18:51

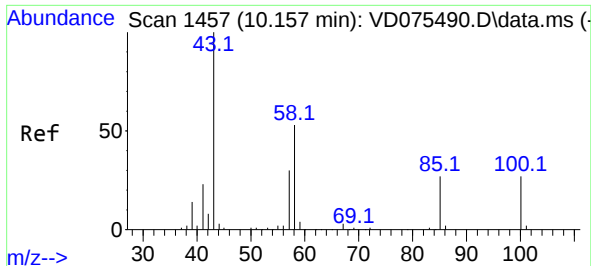
Tgt Ion: 98 Resp: 249864

Ion Ratio Lower Upper

98 100

100 62.6 52.1 78.1

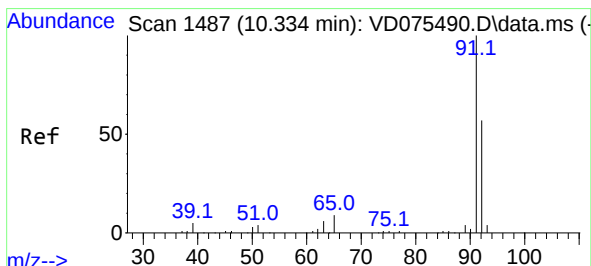
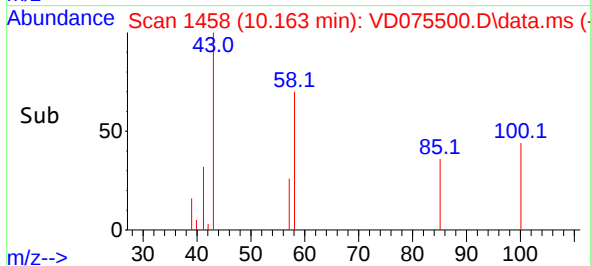
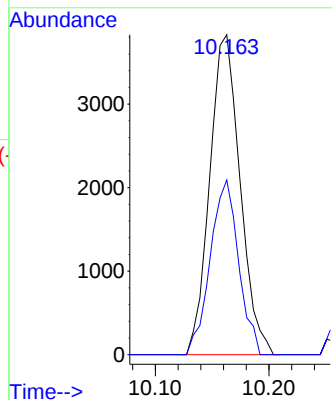
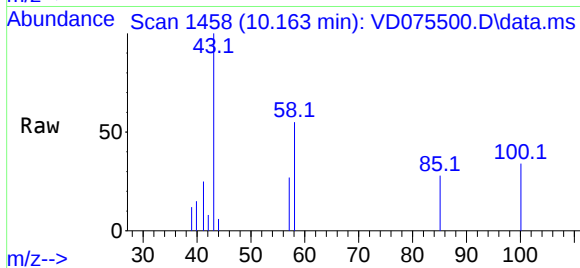




#51
4-Methyl-2-Pentanone
Concen: 16.125 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

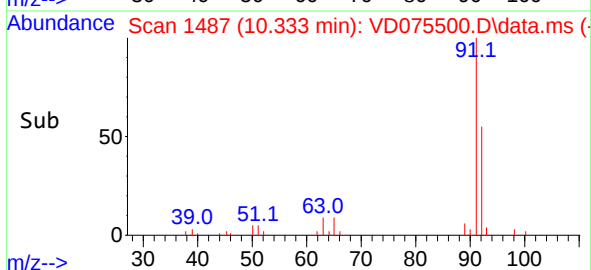
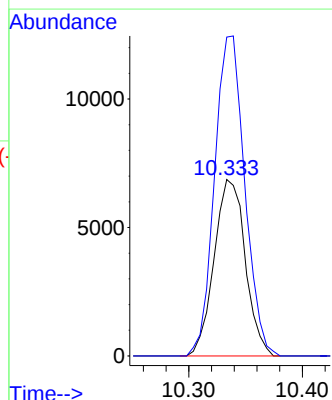
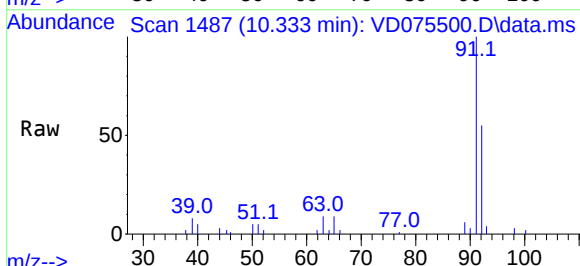
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

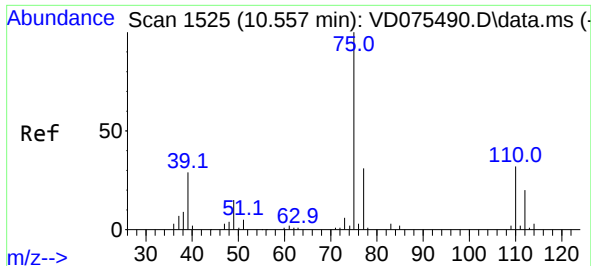
Tgt Ion: 43 Resp: 7113
Ion Ratio Lower Upper
43 100
58 50.8 29.5 44.3#



#52
Toluene
Concen: 3.824 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 92 Resp: 13066
Ion Ratio Lower Upper
92 100
91 176.2 136.5 204.7

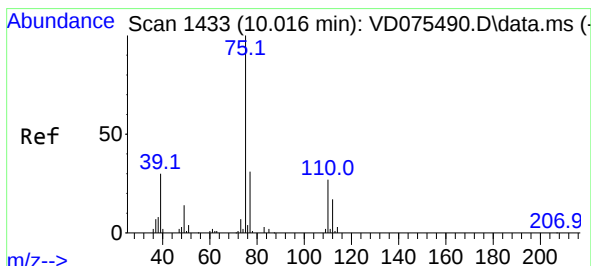
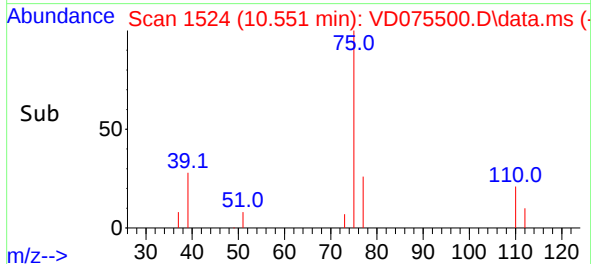
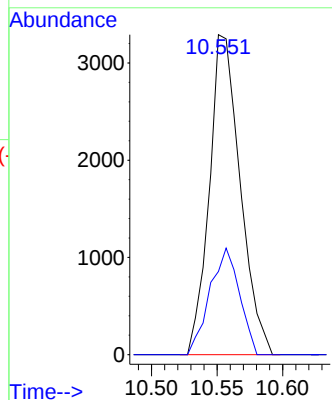
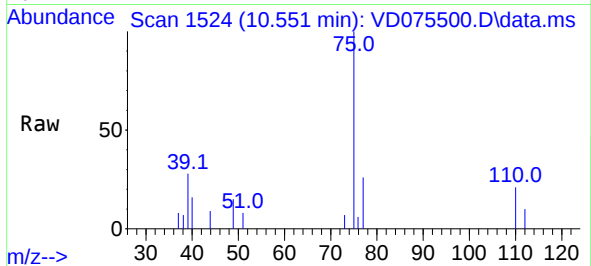




#53
 t-1,3-Dichloropropene
 Concen: 3.543 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

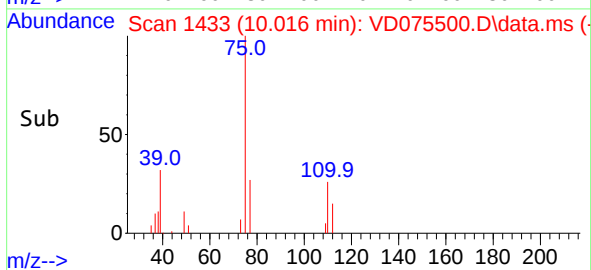
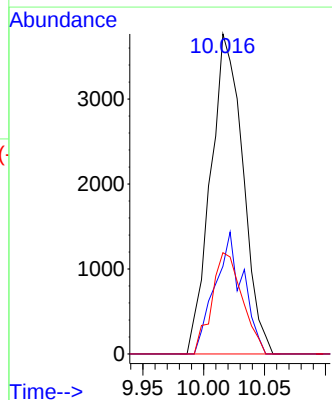
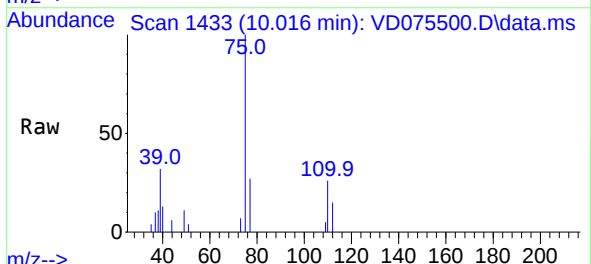
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

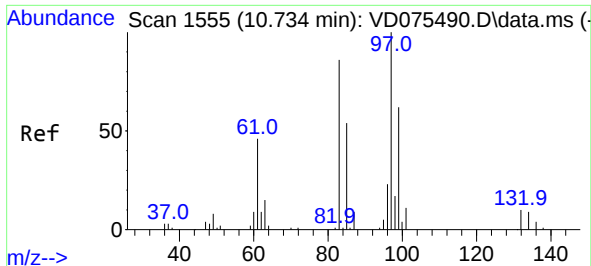
Tgt Ion: 75 Resp: 5391
 Ion Ratio Lower Upper
 75 100
 77 26.0 26.3 39.5#



#54
 cis-1,3-Dichloropropene
 Concen: 3.720 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

Tgt Ion: 75 Resp: 6952
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.6 38.4
 39 31.7 44.8 67.2#

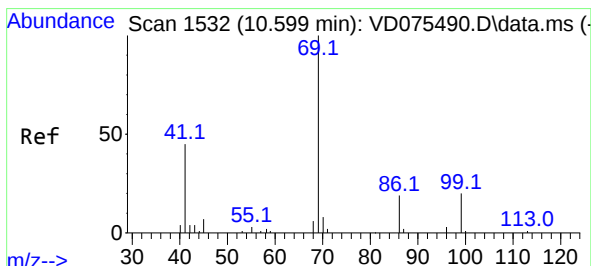
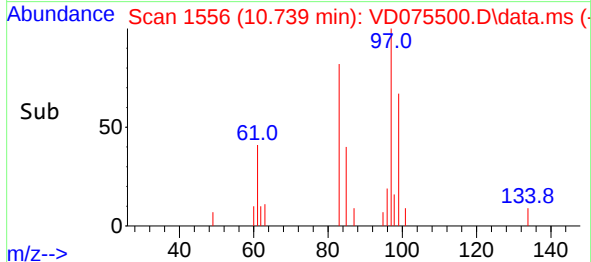
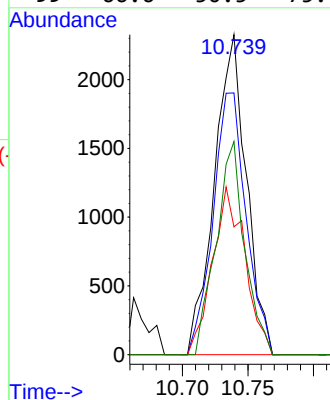
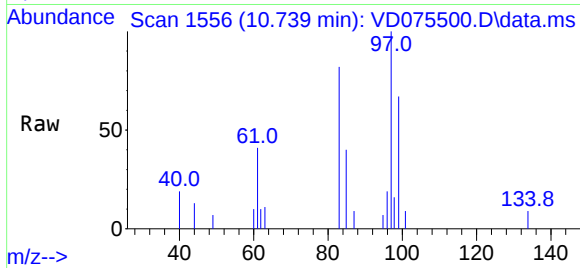




#55
1,1,2-Trichloroethane
Concen: 3.995 ug/l
RT: 10.739 min Scan# 1555
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

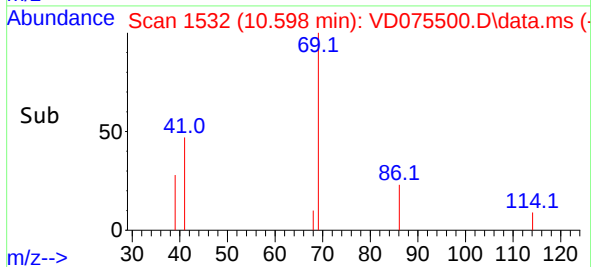
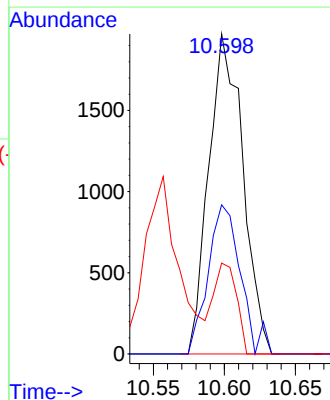
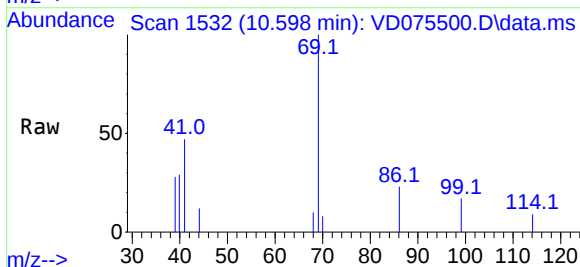
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

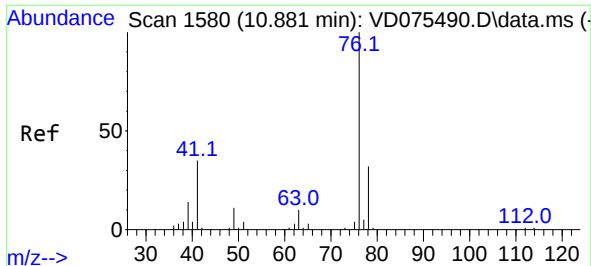
Tgt Ion:	97	Resp:	3951
Ion	Ratio	Lower	Upper
97	100		
83	81.8	74.2	111.4
85	40.0	45.4	68.0#
99	66.6	50.5	75.7



#56
Ethyl methacrylate
Concen: 3.496 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	69	Resp:	3292
Ion	Ratio	Lower	Upper
69	100		
41	44.4	59.3	88.9#
39	19.0	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 3.733 ug/l

RT: 10.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

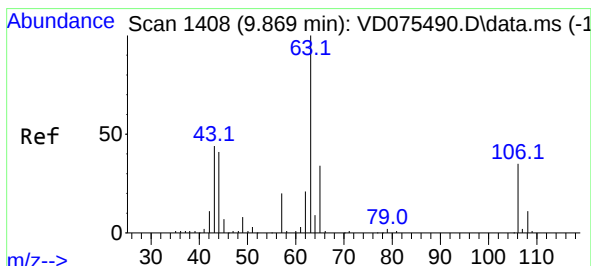
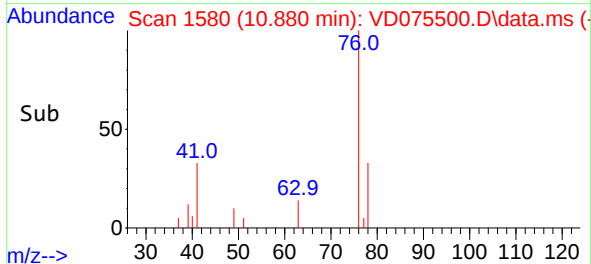
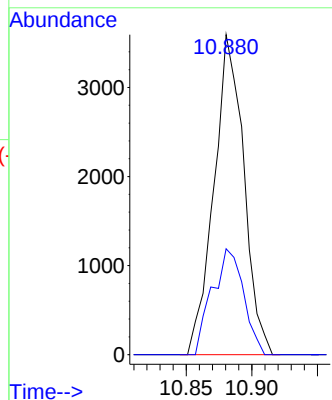
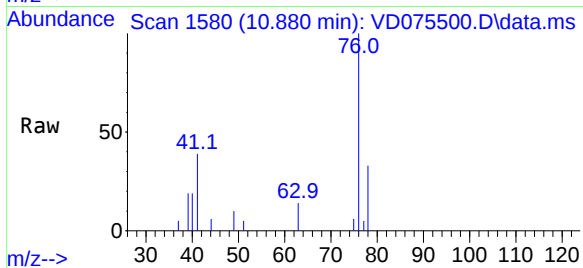
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 76 Resp: 5681

Ion Ratio Lower Upper

76 100

78 34.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 15.722 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.005 min

Lab File: VD075500.D

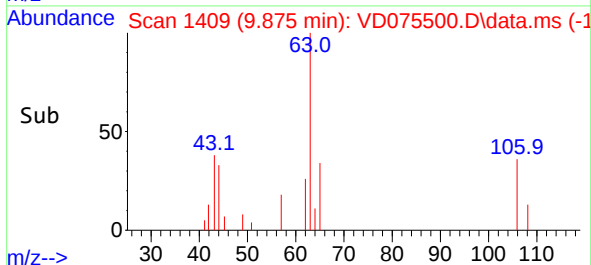
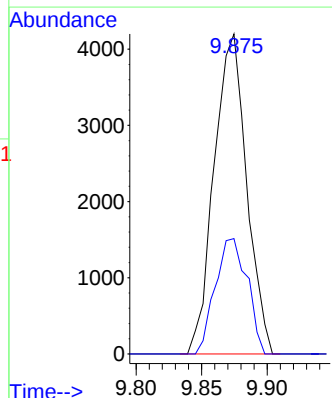
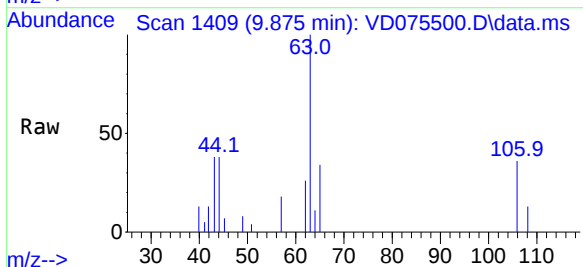
Acq: 10 Mar 2023 18:51

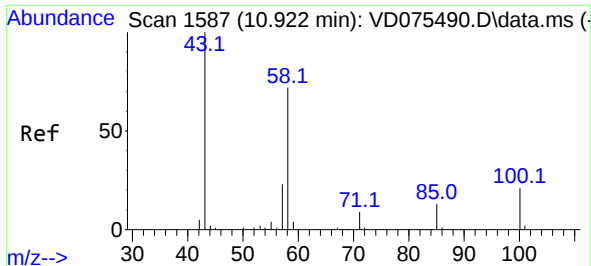
Tgt Ion: 63 Resp: 7245

Ion Ratio Lower Upper

63 100

106 35.4 21.4 32.2#

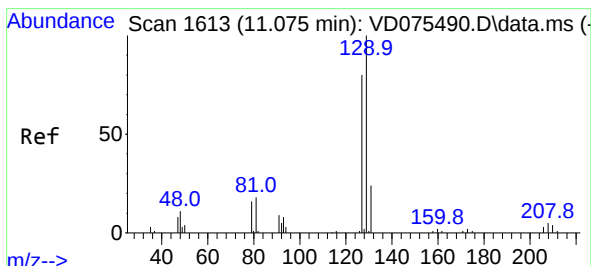
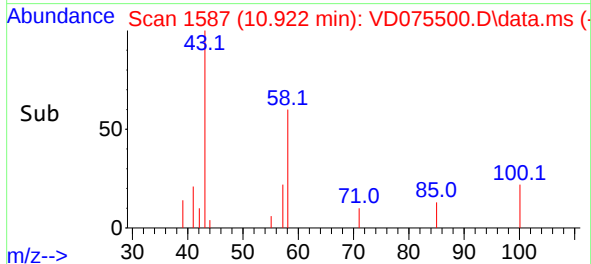
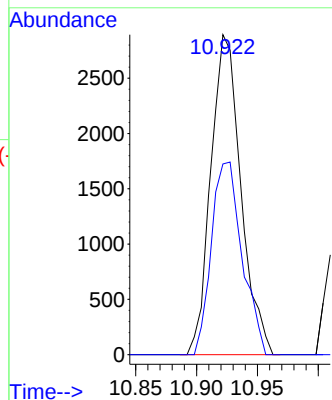
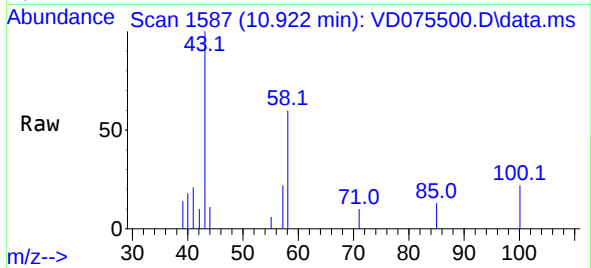




#59
2-Hexanone
Concen: 15.925 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

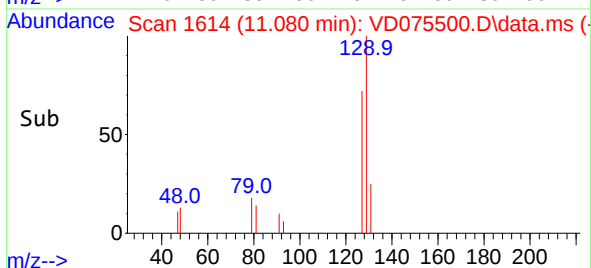
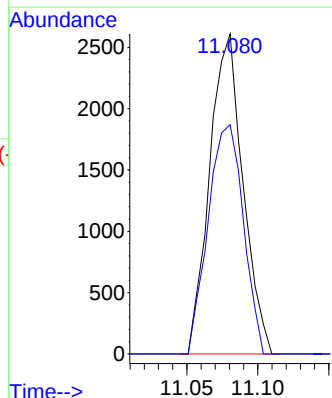
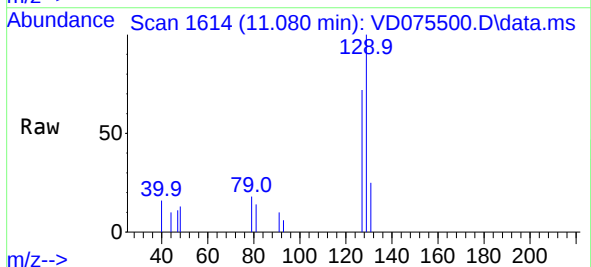
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

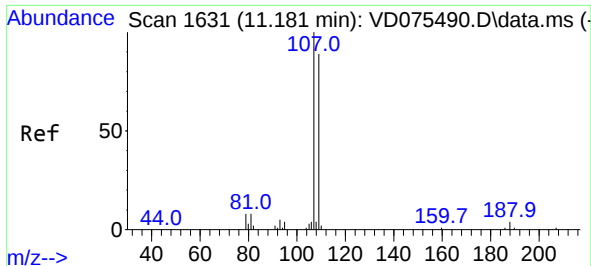
Tgt Ion: 43 Resp: 4968
Ion Ratio Lower Upper
43 100
58 61.3 25.3 75.8



#60
Dibromochloromethane
Concen: 3.643 ug/l
RT: 11.080 min Scan# 1614
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 129 Resp: 4256
Ion Ratio Lower Upper
129 100
127 75.6 38.1 114.5

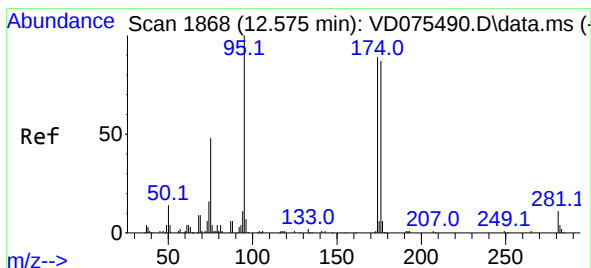
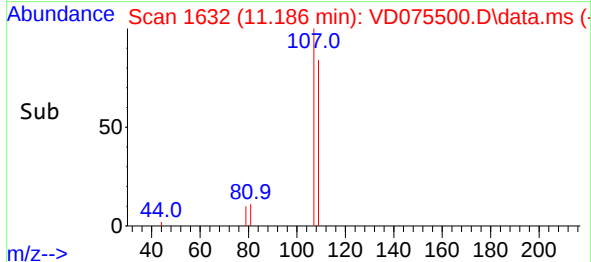
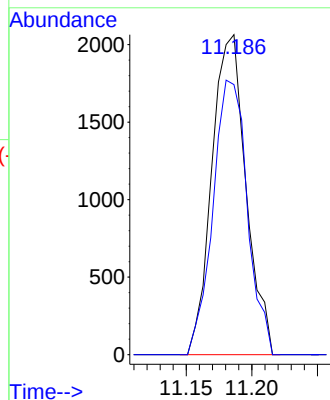
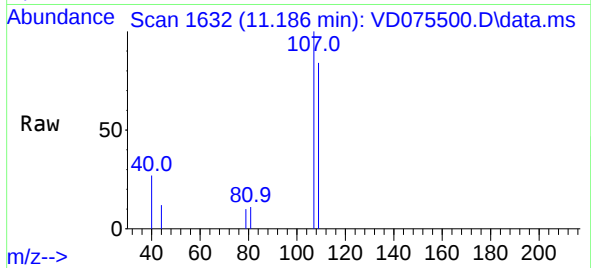




#61
1,2-Dibromoethane
Concen: 4.011 ug/l
RT: 11.186 min Scan# 1631
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

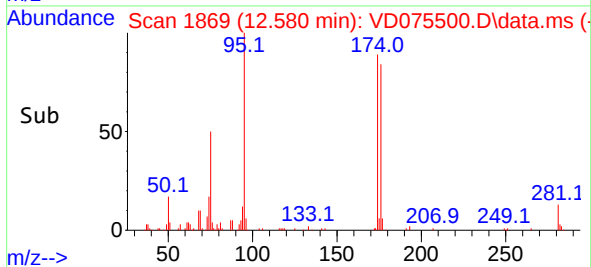
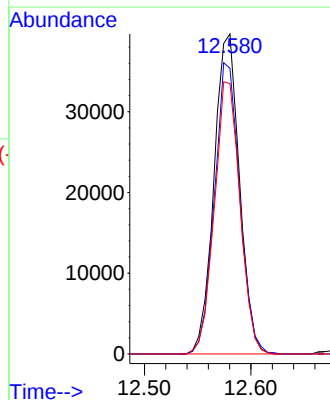
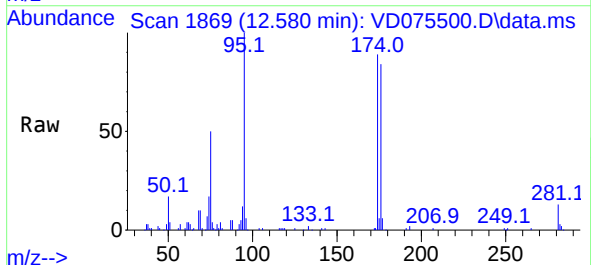
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

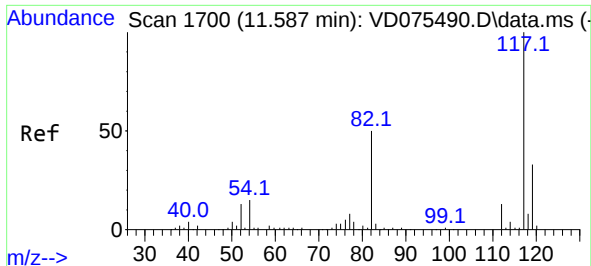
Tgt Ion:107 Resp: 3736
Ion Ratio Lower Upper
107 100
109 86.4 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.432 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 95 Resp: 65662
Ion Ratio Lower Upper
95 100
174 90.6 0.0 164.0
176 85.5 0.0 156.8

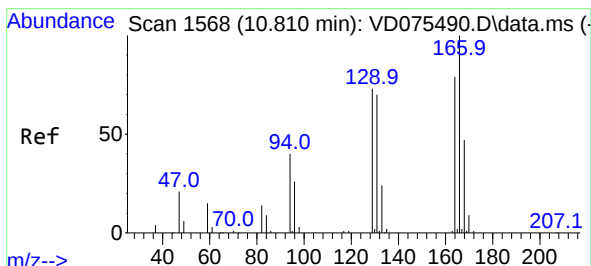
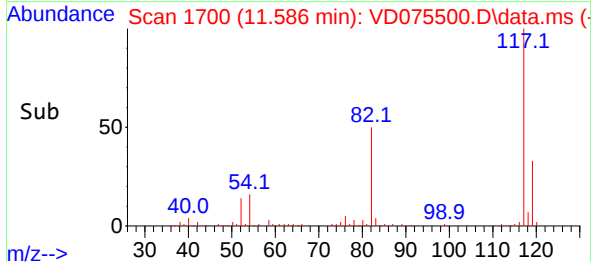
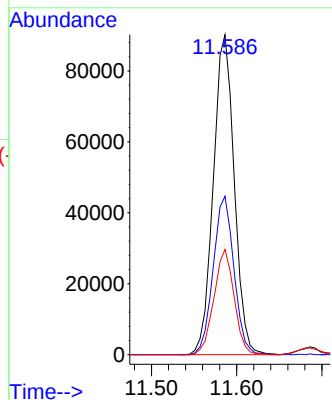
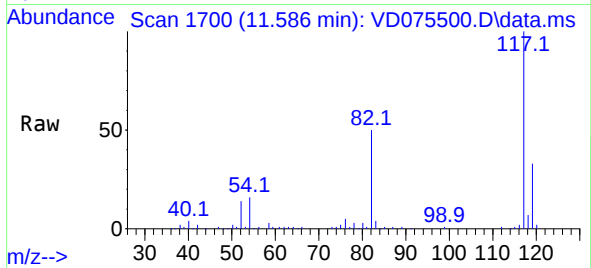




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

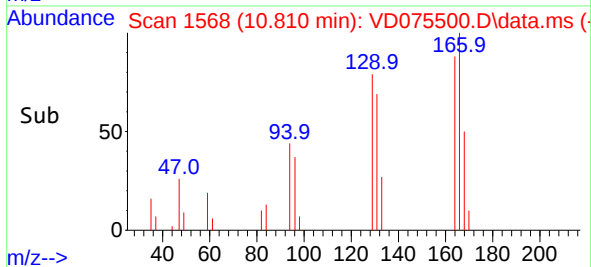
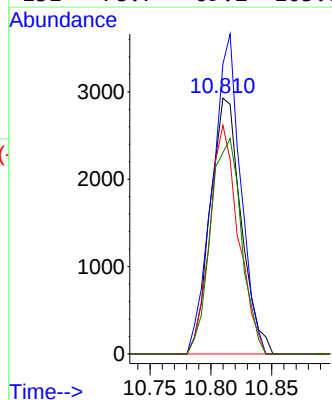
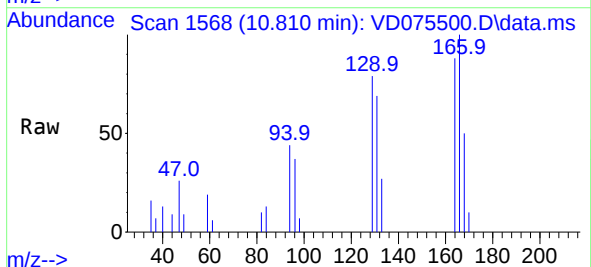
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

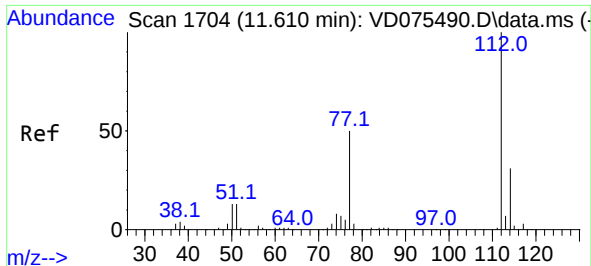
Tgt Ion:	117	Resp:	153861
Ion	Ratio	Lower	Upper
117	100		
82	49.5	44.0	66.0
119	32.9	25.1	37.7



#64
Tetrachloroethene
Concen: 4.248 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	164	Resp:	5158
Ion	Ratio	Lower	Upper
164	100		
166	113.3	94.9	142.3
129	89.3	73.0	109.6
131	78.7	69.2	103.8

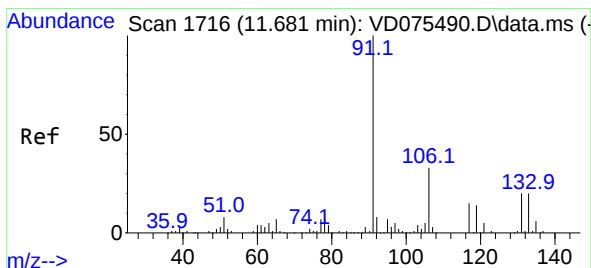
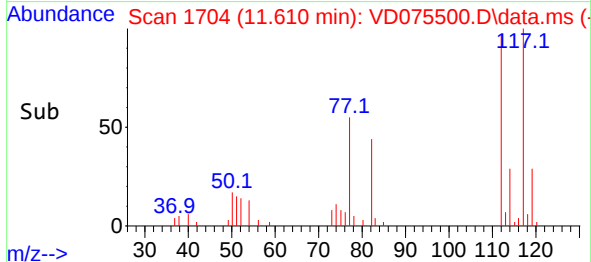
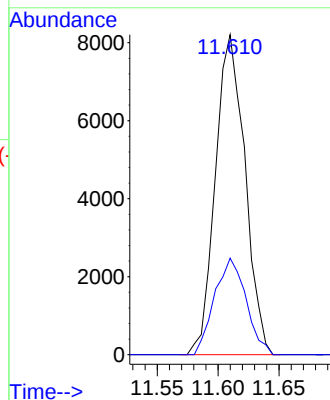
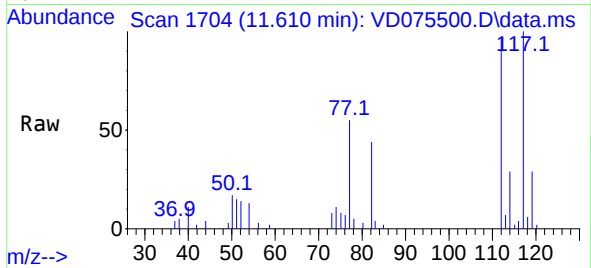




#65
Chlorobenzene
Concen: 3.797 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

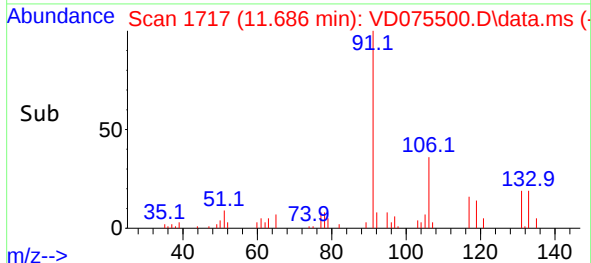
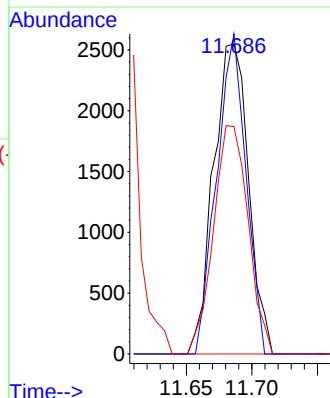
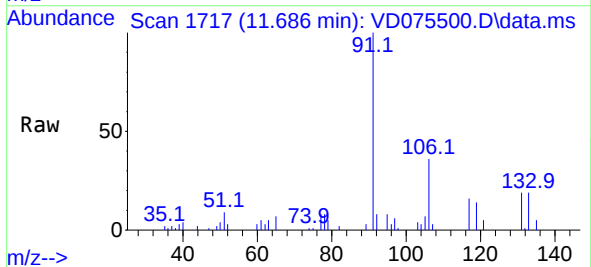
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

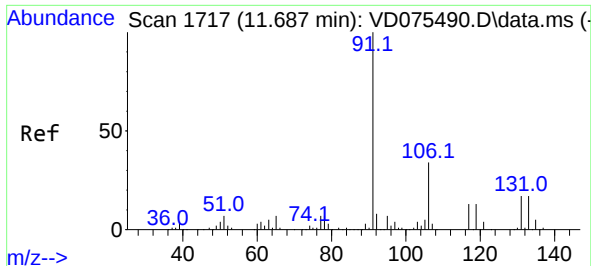
Tgt Ion:112 Resp: 13856
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 3.785 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:131 Resp: 4731
Ion Ratio Lower Upper
131 100
133 86.4 46.7 140.0
119 72.9 31.9 95.9





#67

Ethyl Benzene

Concen: 3.553 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

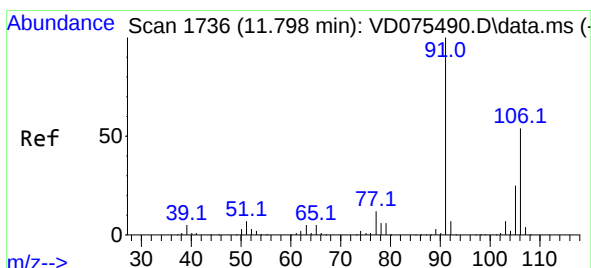
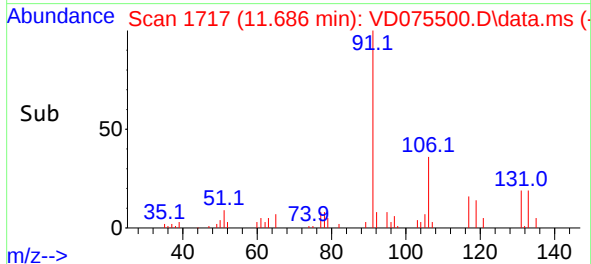
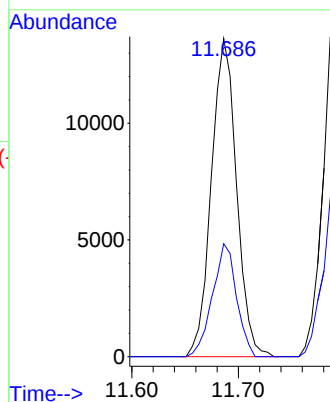
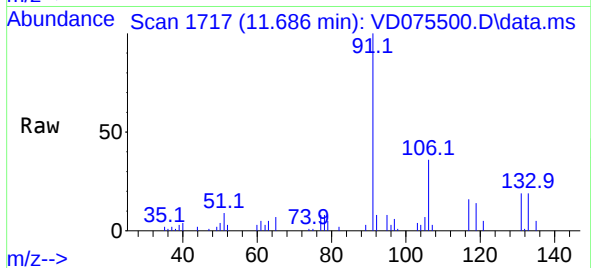
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 22331

Ion Ratio Lower Upper

91 100

106 35.5 24.5 36.7



#68

m/p-Xylenes

Concen: 7.072 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VD075500.D

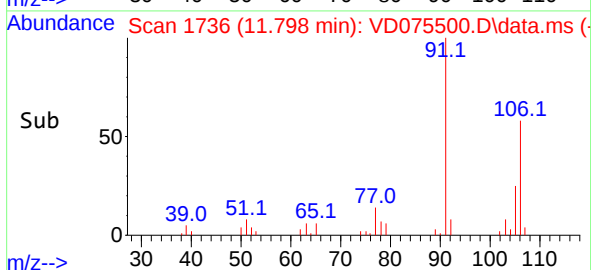
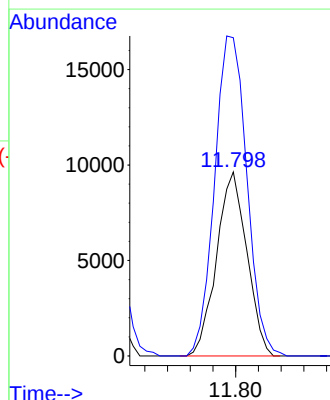
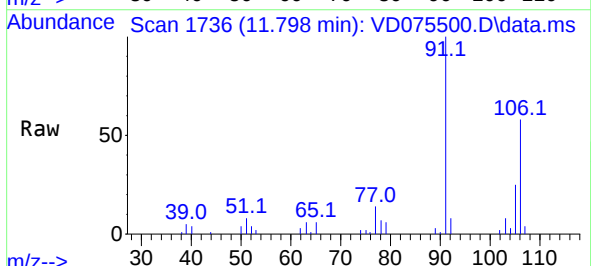
Acq: 10 Mar 2023 18:51

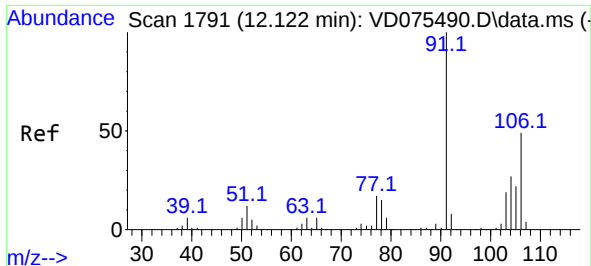
Tgt Ion: 106 Resp: 17862

Ion Ratio Lower Upper

106 100

91 185.0 161.5 242.3

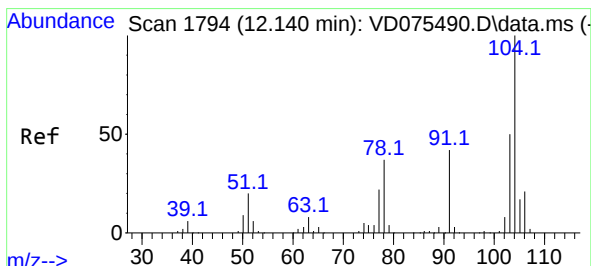
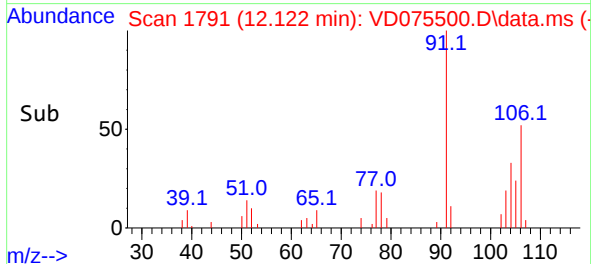
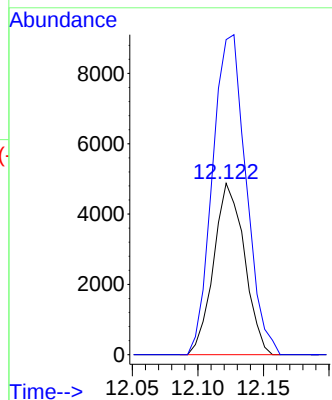
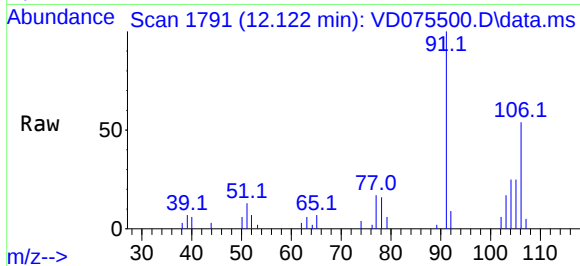




#69
o-Xylene
Concen: 3.392 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

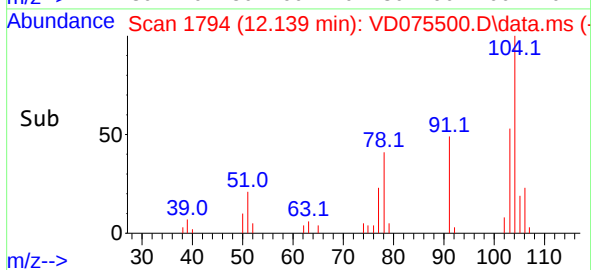
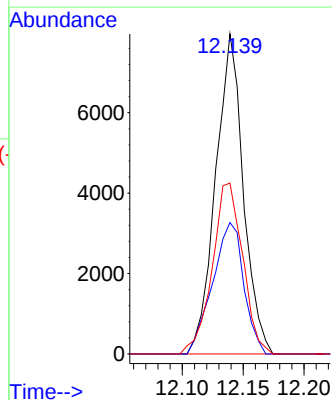
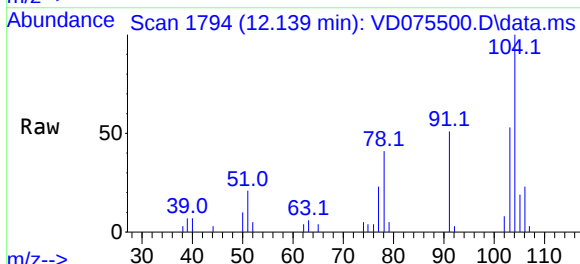
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

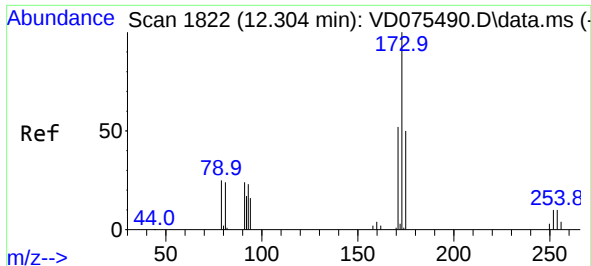
Tgt Ion:106 Resp: 7956
Ion Ratio Lower Upper
106 100
91 203.2 105.7 317.1



#70
Styrene
Concen: 3.227 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:104 Resp: 12592
Ion Ratio Lower Upper
104 100
78 46.2 40.2 60.4
103 58.6 44.2 66.2

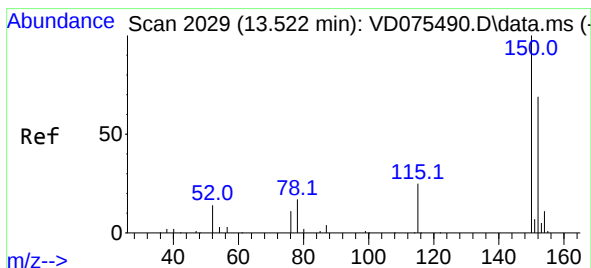
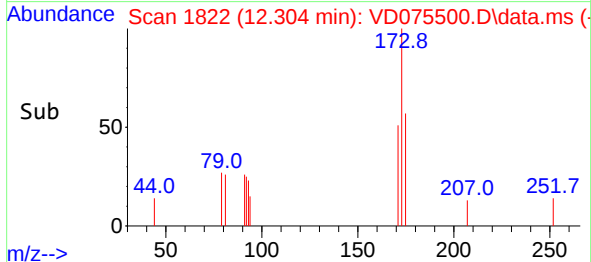
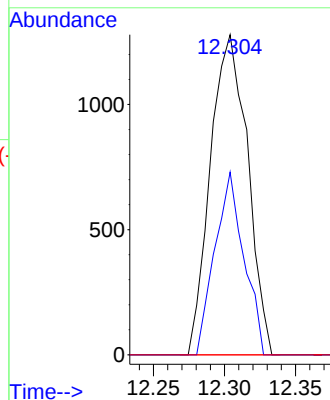
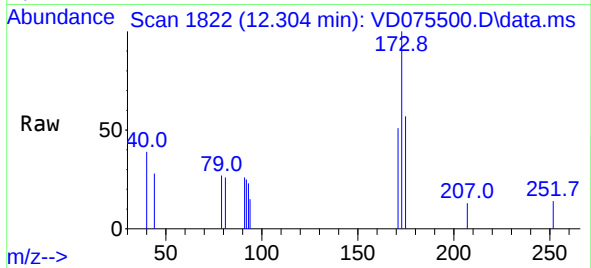




#71
Bromoform
Concen: 3.644 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

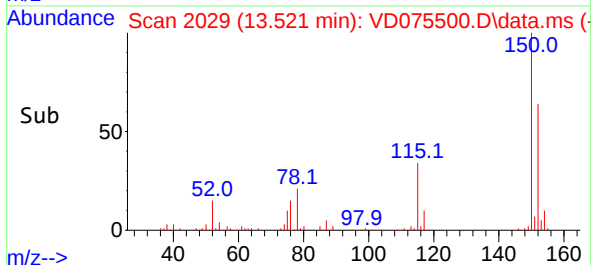
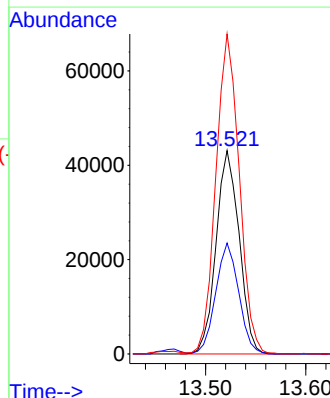
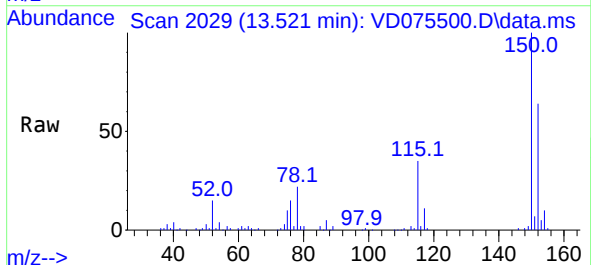
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

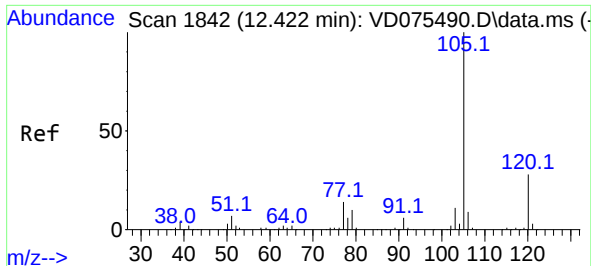
Tgt Ion:	173	Resp:	2326
Ion Ratio	Lower	Upper	
173	100		
175	44.5	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	152	Resp:	68958
Ion Ratio	Lower	Upper	
152	100		
115	54.2	30.1	90.3
150	159.3	0.0	364.8

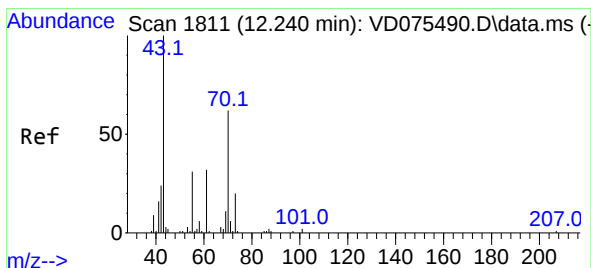
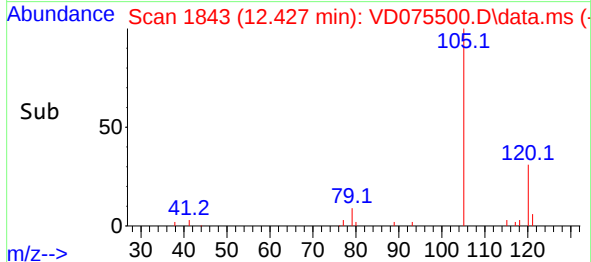
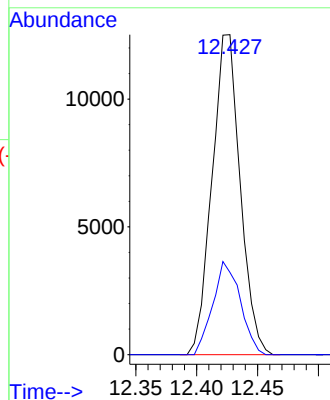
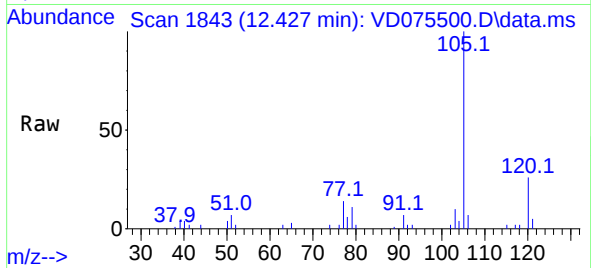




#73
Isopropylbenzene
Concen: 3.651 ug/l
RT: 12.427 min Scan# 1842
Delta R.T. 0.005 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

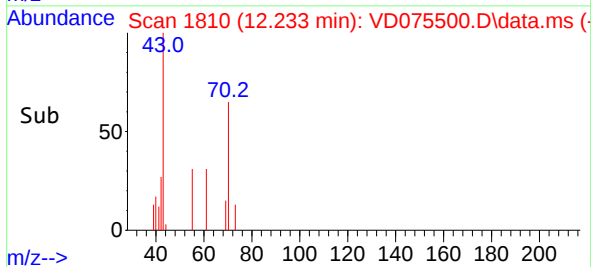
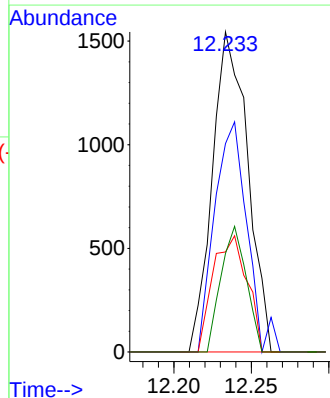
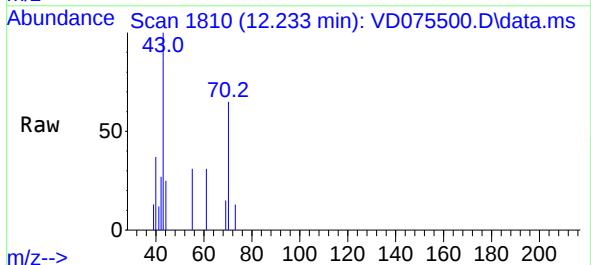
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

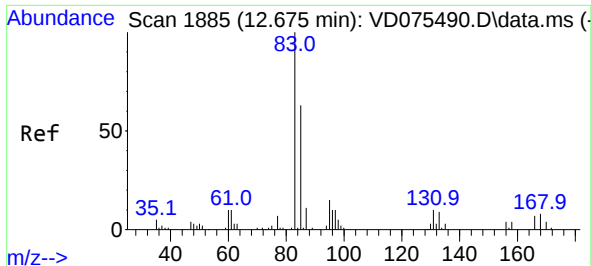
Tgt Ion:105 Resp: 20161
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.1



#74
N-ethyl acetate
Concen: 3.579 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
70 65.8 31.0 46.4#
55 34.8 18.6 28.0#
61 28.2 17.1 25.7#

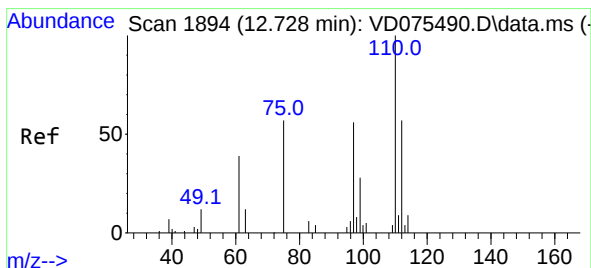
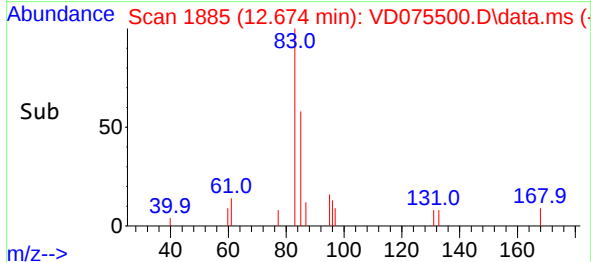
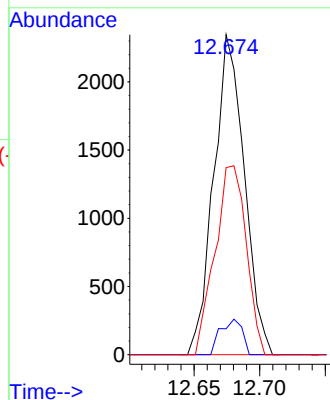
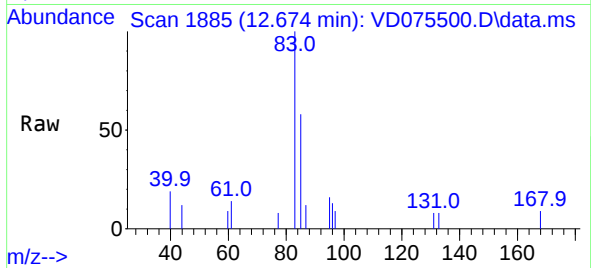




#75
1,1,2,2-Tetrachloroethane
Concen: 4.056 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

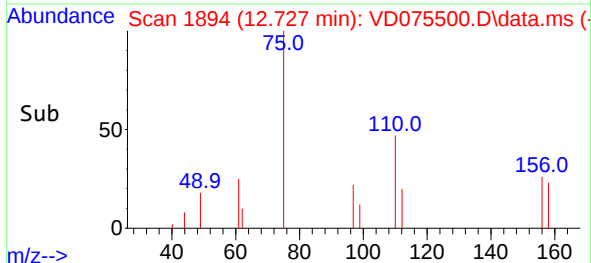
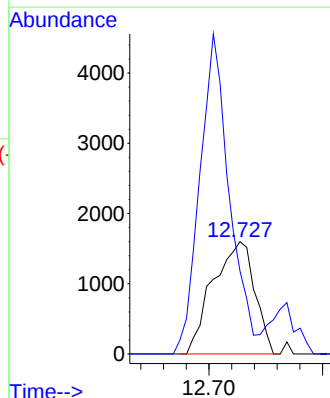
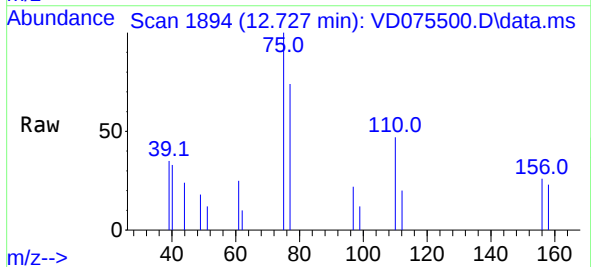
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

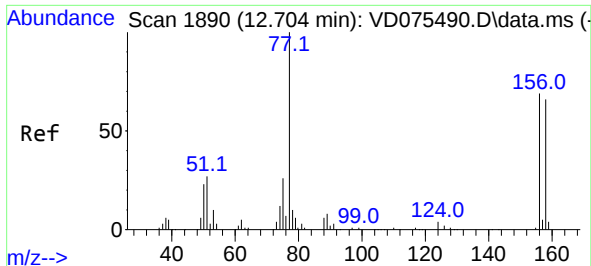
Tgt Ion: 83 Resp: 3799
Ion Ratio Lower Upper
83 100
131 7.9 5.1 15.2
85 60.4 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 7.221 ug/l
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

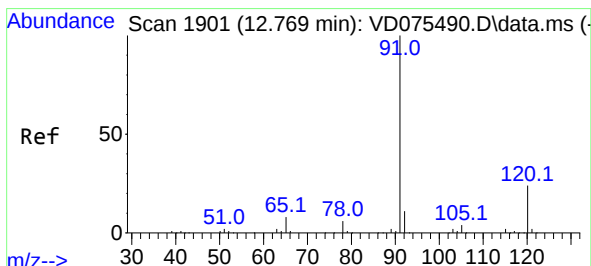
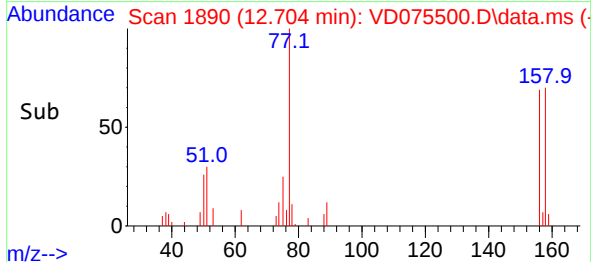
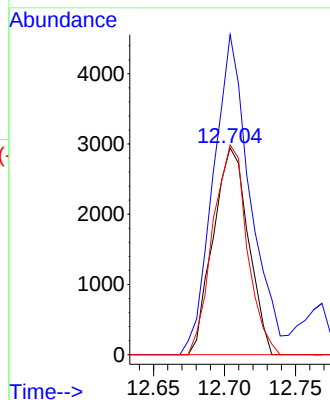
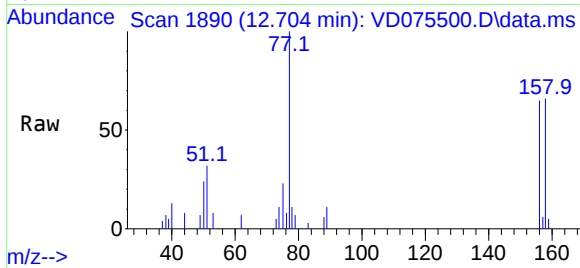




#77
Bromobenzene
Concen: 3.864 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

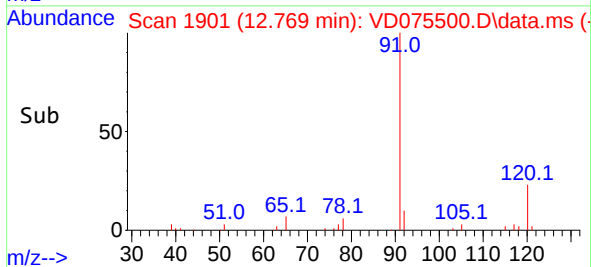
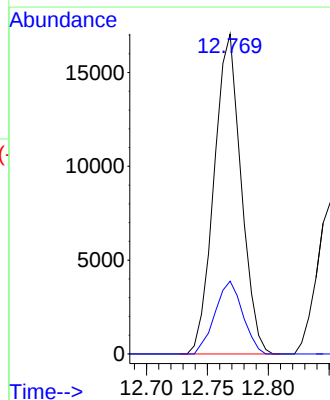
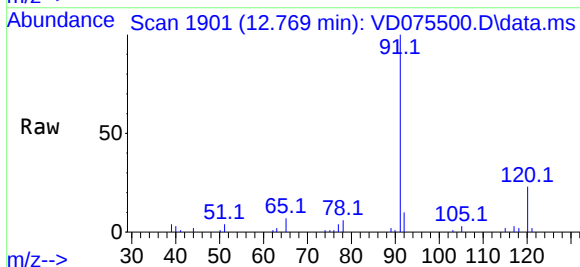
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

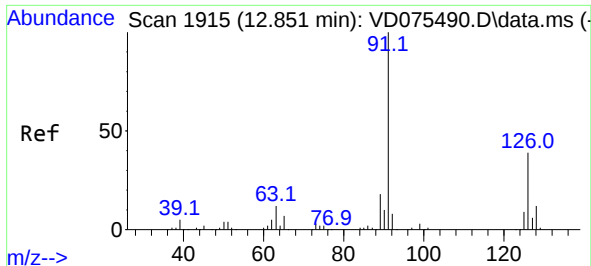
Tgt Ion:	156	Resp:	5073
Ion	Ratio	Lower	Upper
156	100		
77	163.7	89.5	268.6
158	98.8	47.8	143.4



#78
n-propylbenzene
Concen: 3.929 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	91	Resp:	26363
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.4	34.2





#79

2-Chlorotoluene

Concen: 3.944 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

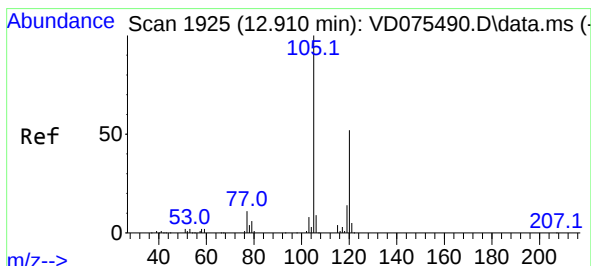
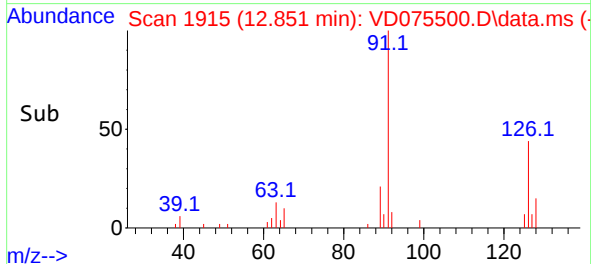
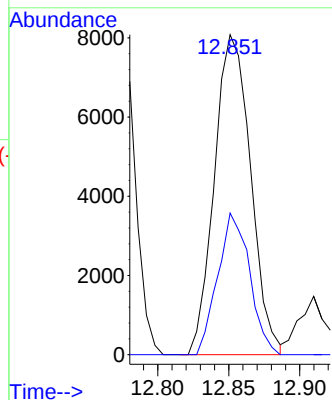
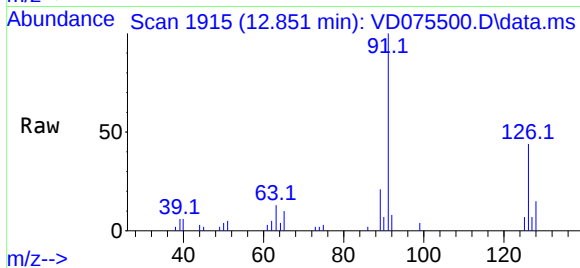
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 14339

Ion Ratio Lower Upper

91 100

126 38.9 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 3.555 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VD075500.D

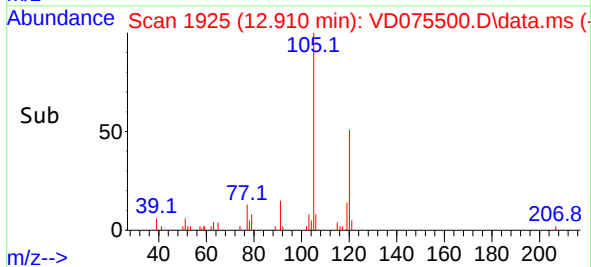
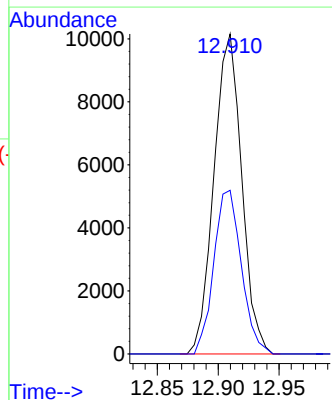
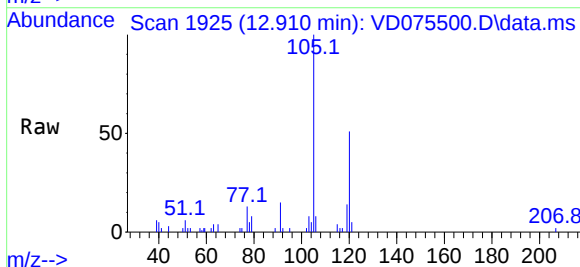
Acq: 10 Mar 2023 18:51

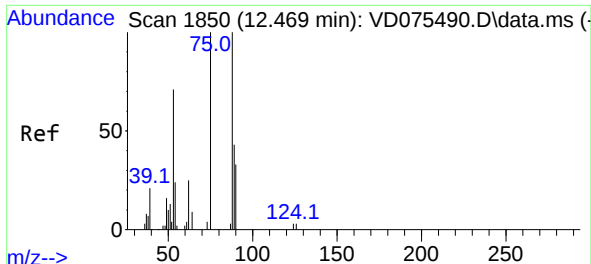
Tgt Ion: 105 Resp: 16100

Ion Ratio Lower Upper

105 100

120 50.8 24.3 72.8

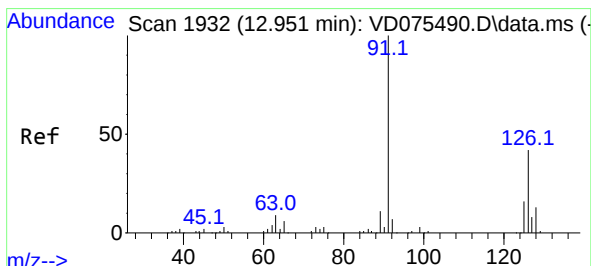
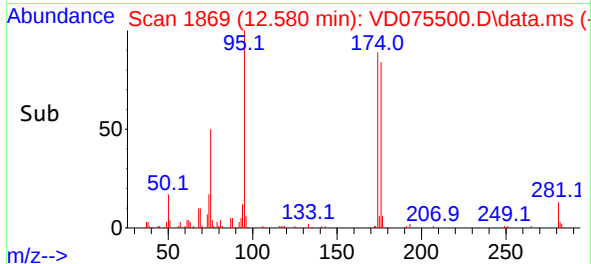
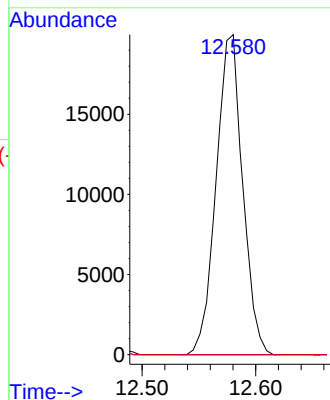
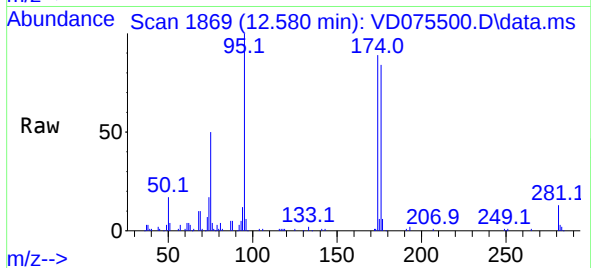




#81
trans-1,4-Dichloro-2-butene
Concen: 120.484 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. 0.111 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

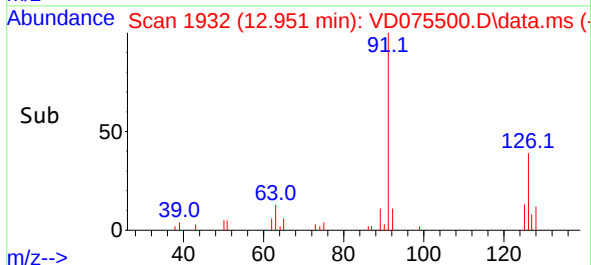
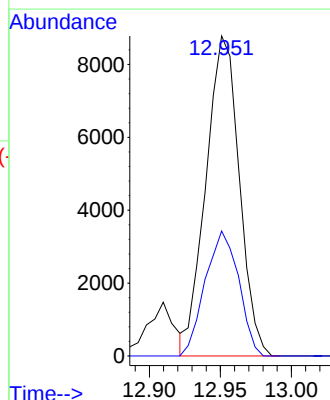
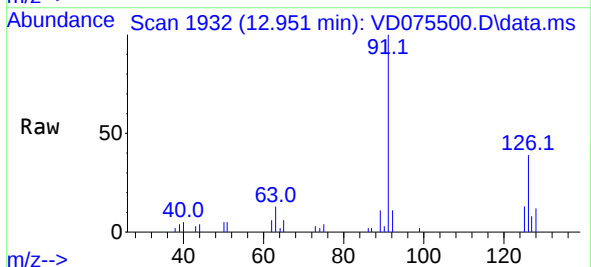
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

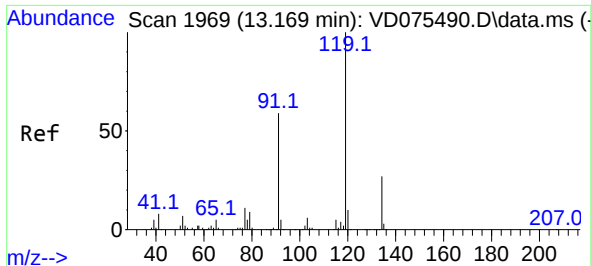
Tgt Ion: 75 Resp: 32395
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#82
4-Chlorotoluene
Concen: 3.827 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion: 91 Resp: 14359
Ion Ratio Lower Upper
91 100
126 39.2 17.1 51.2

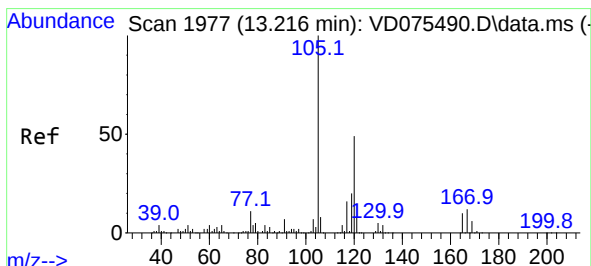
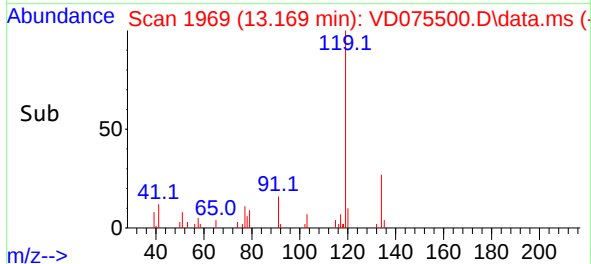
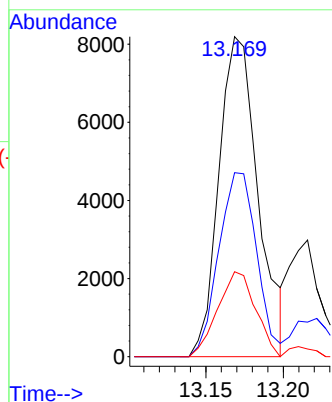
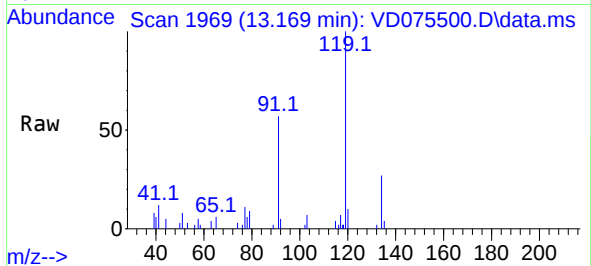




#83
tert-Butylbenzene
Concen: 3.658 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

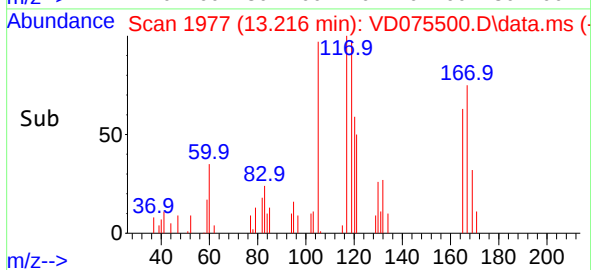
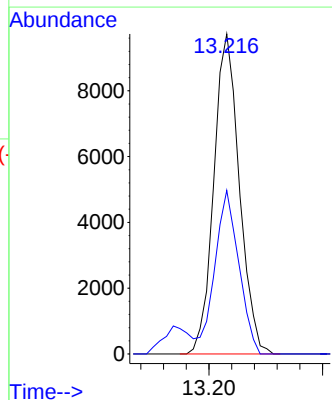
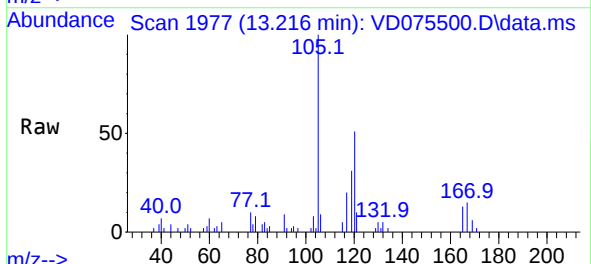
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

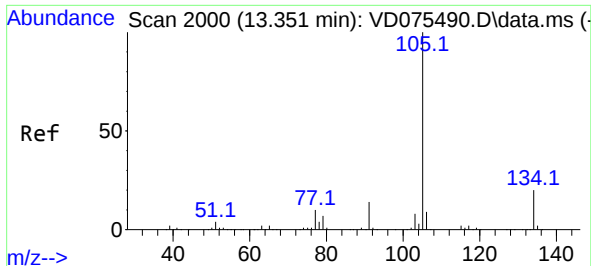
Tgt Ion:	119	Resp:	14397
Ion	Ratio	Lower	Upper
119	100		
91	55.7	32.4	97.0
134	25.6	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 3.468 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	105	Resp:	15177
Ion	Ratio	Lower	Upper
105	100		
120	48.2	22.3	66.9

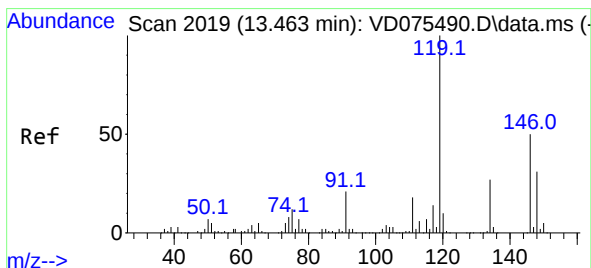
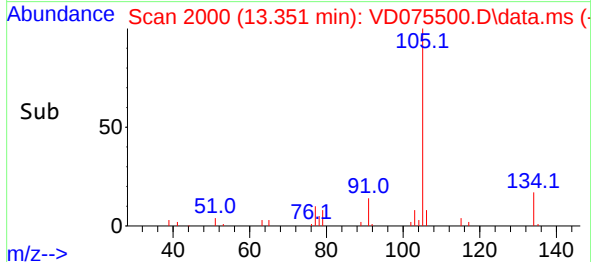
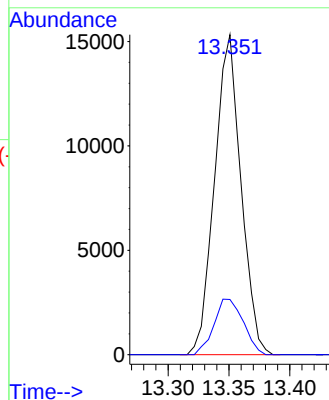
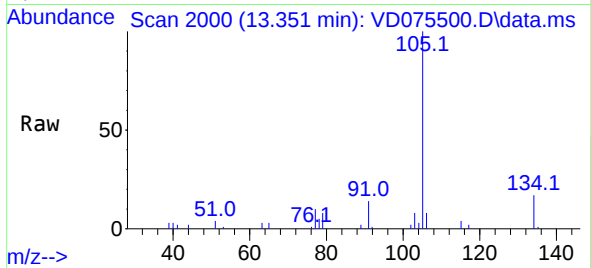




#85
 sec-Butylbenzene
 Concen: 3.793 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

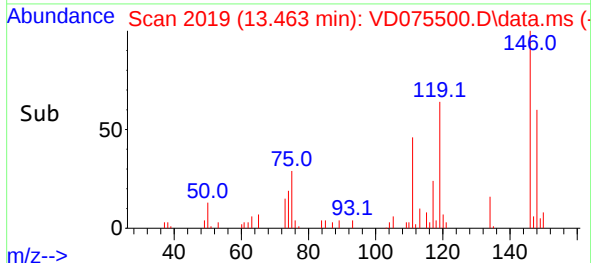
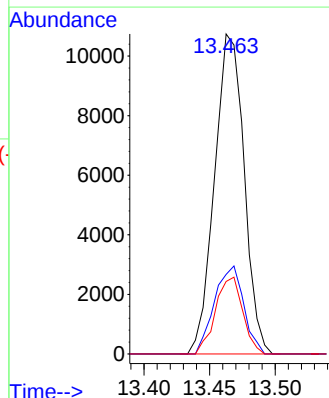
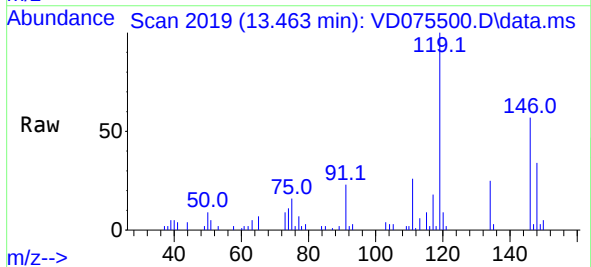
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

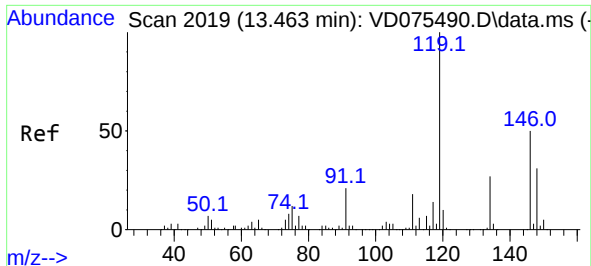
Tgt Ion:105 Resp: 23108
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 3.383 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075500.D
 Acq: 10 Mar 2023 18:51

Tgt Ion:119 Resp: 16845
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 22.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 3.888 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

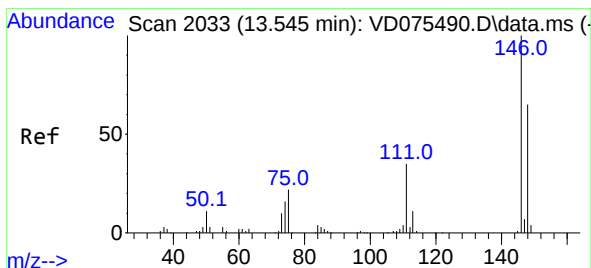
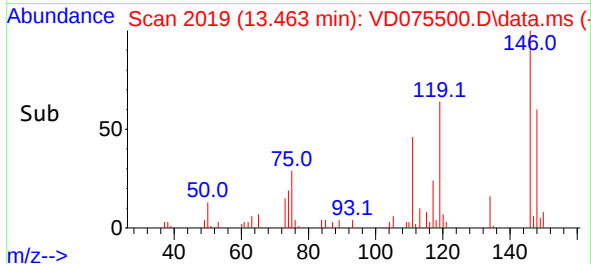
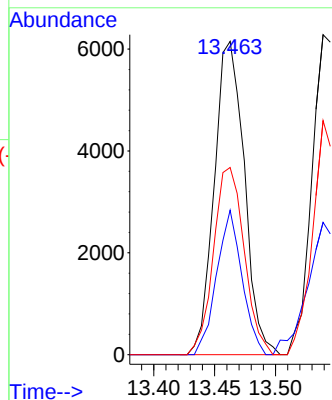
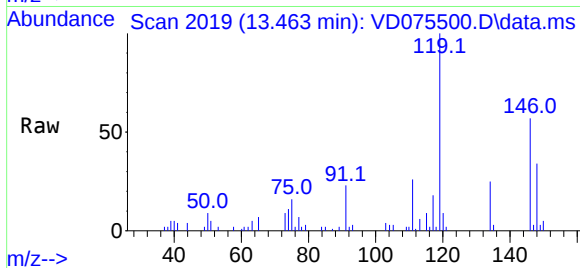
Tgt Ion:146 Resp: 10552

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

148 61.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 4.017 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

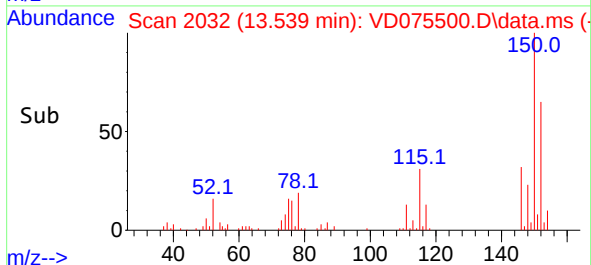
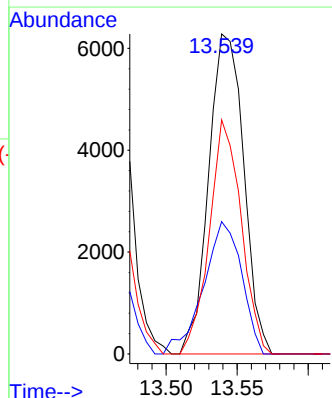
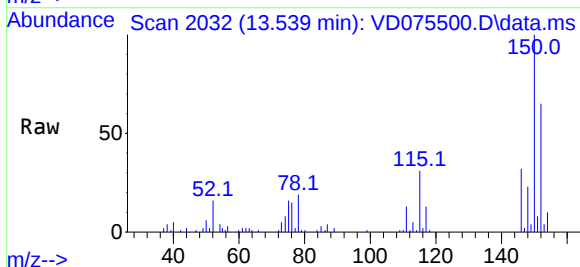
Tgt Ion:146 Resp: 10783

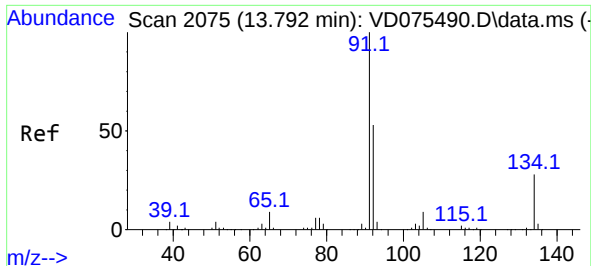
Ion Ratio Lower Upper

146 100

111 45.1 19.6 58.8

148 66.4 31.7 95.1

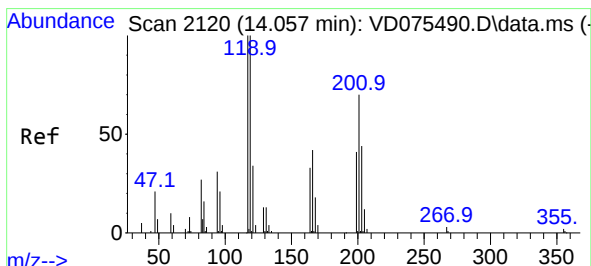
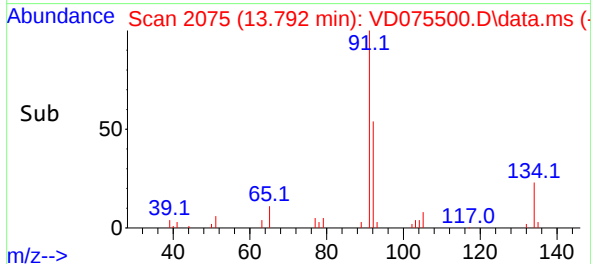
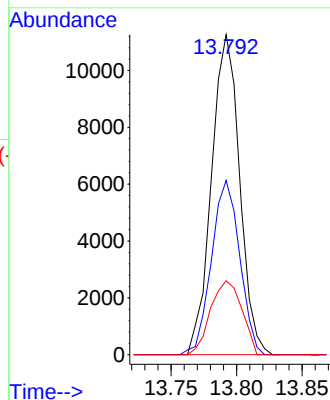
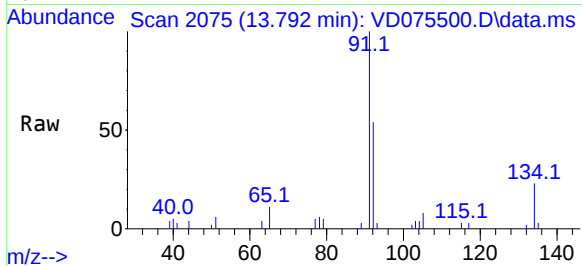




#89
n-Butylbenzene
Concen: 3.678 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

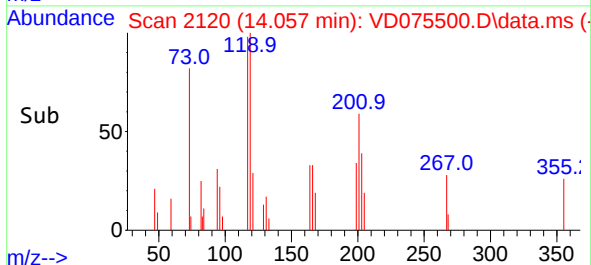
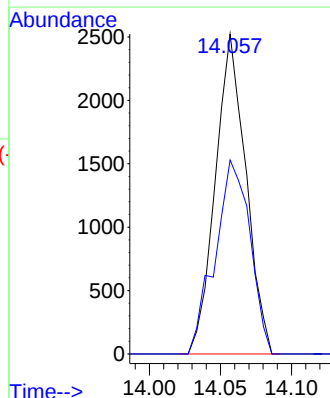
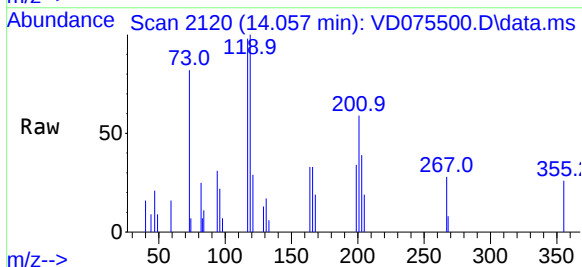
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

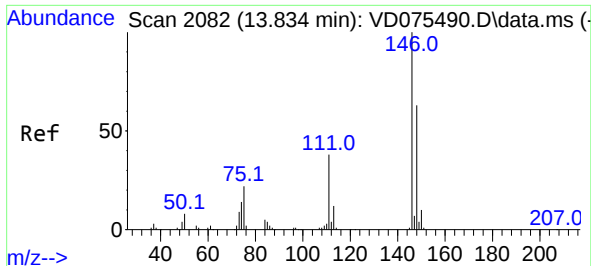
Tgt Ion: 91	Resp: 16792
Ion Ratio	Lower Upper
91 100	
92 54.6	26.2 78.5
134 25.6	12.7 38.0



#90
Hexachloroethane
Concen: 3.916 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:117	Resp:	3765	
Ion	Ratio	Lower	Upper
117	100		
201	69.6	34.5	103.6





#91

1,2-Dichlorobenzene

Concen: 3.744 ug/l

RT: 13.839 min Scan# 2082

Delta R.T. 0.005 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

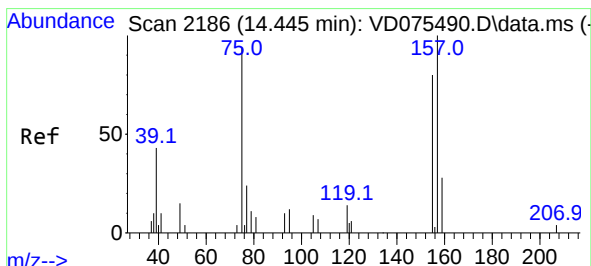
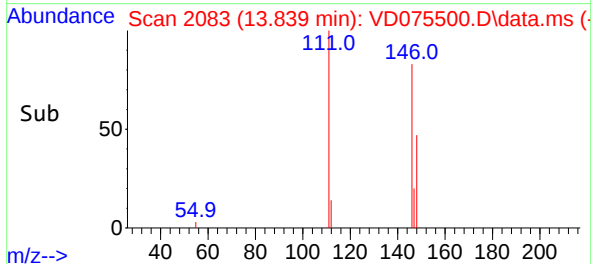
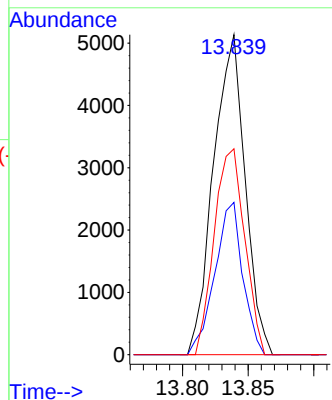
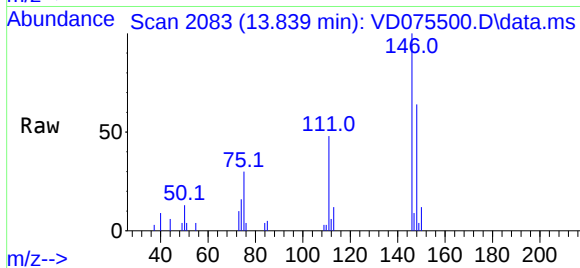
Tgt Ion:146 Resp: 8599

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 62.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.020 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD075500.D

Acq: 10 Mar 2023 18:51

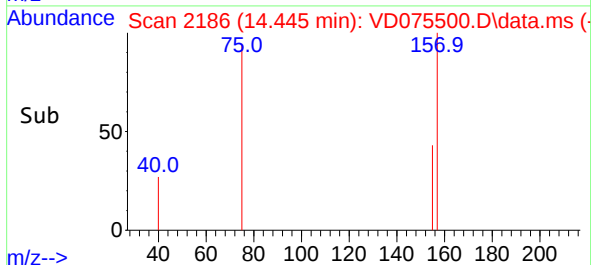
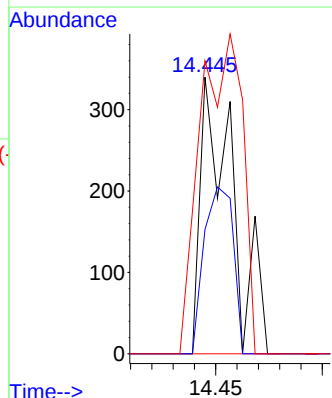
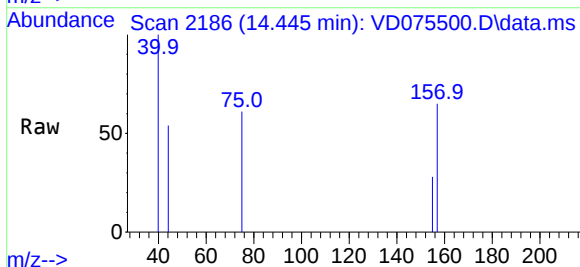
Tgt Ion: 75 Resp: 356

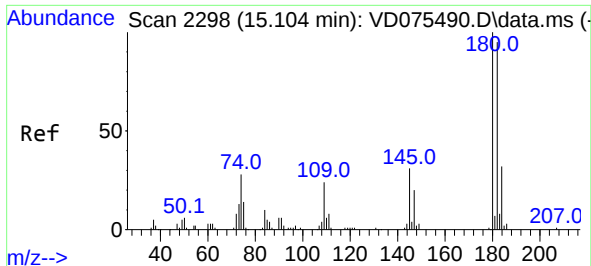
Ion Ratio Lower Upper

75 100

155 54.5 39.5 118.5

157 153.1 53.5 160.7

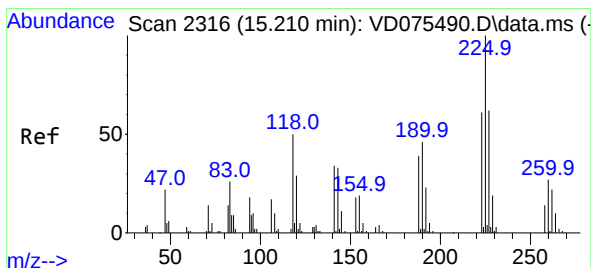
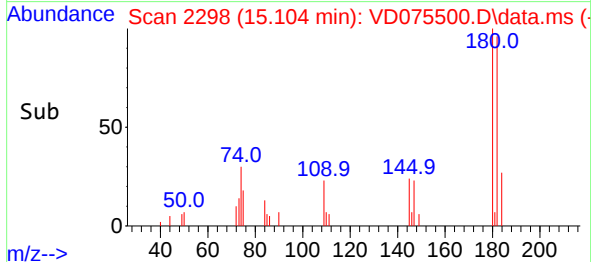
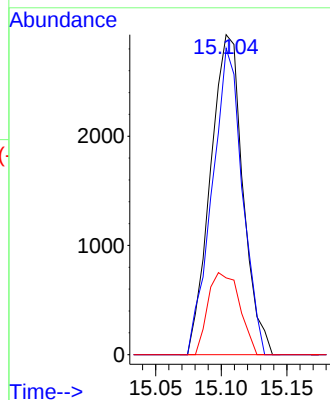
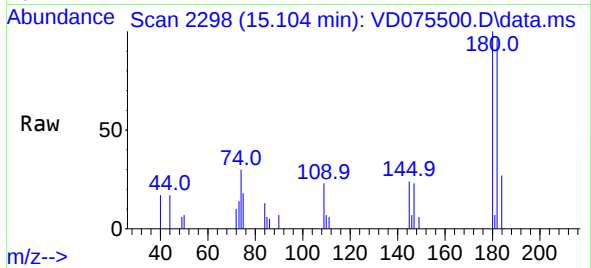




#93
1,2,4-Trichlorobenzene
Concen: 3.763 ug/l
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

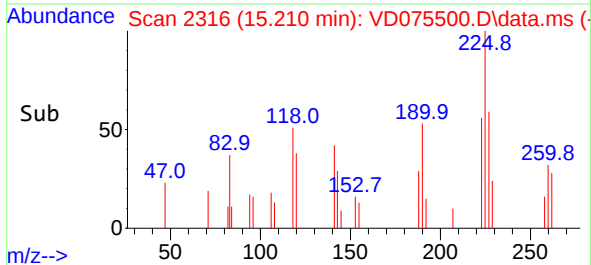
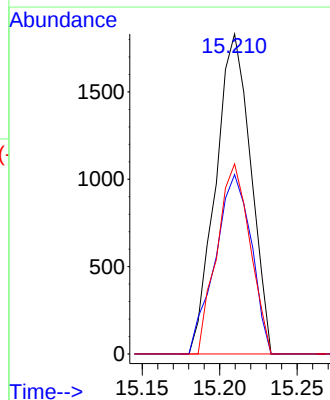
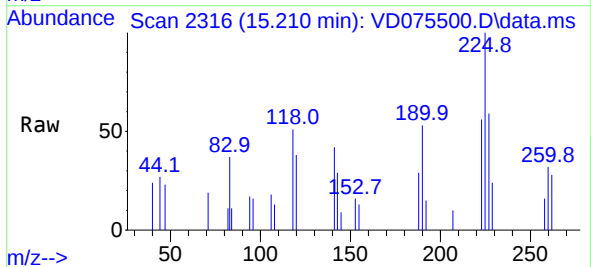
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

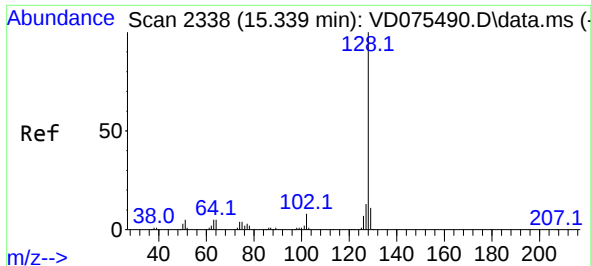
Tgt Ion:	180	Resp:	5040
Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.9	143.7
145	24.9	15.9	47.7



#94
Hexachlorobutadiene
Concen: 4.507 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. -0.000 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:	225	Resp:	2879
Ion	Ratio	Lower	Upper
225	100		
223	57.6	33.1	99.2
227	56.1	31.9	95.9

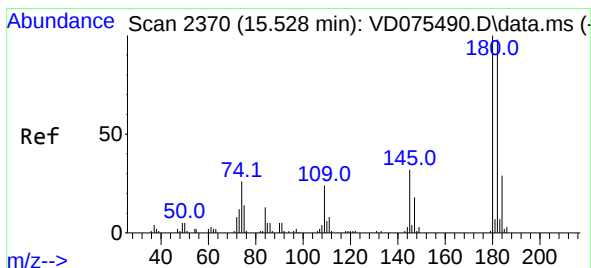
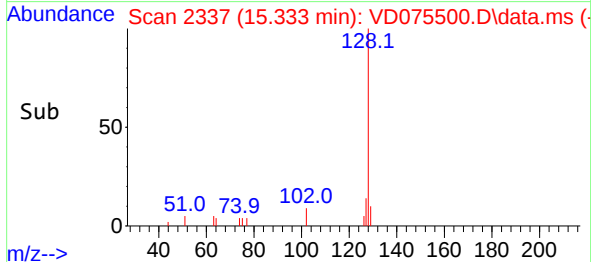
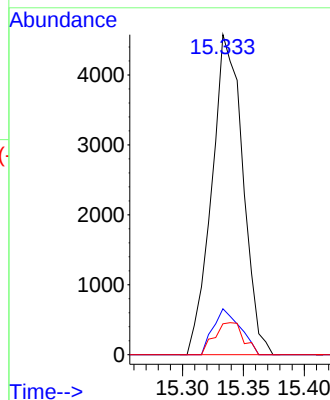
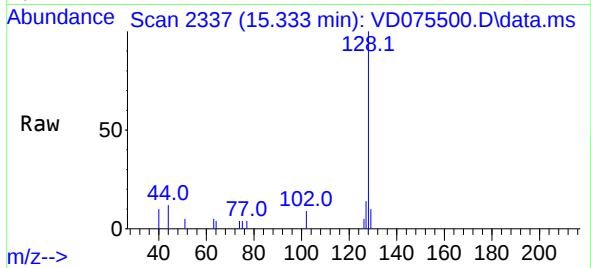




#95
Naphthalene
Concen: 3.296 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:128	Resp:	8104
Ion	Ratio	Lower Upper
128	100	
127	12.5	10.4 15.6
129	9.4	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.432 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075500.D
Acq: 10 Mar 2023 18:51

Tgt Ion:180	Resp:	3966
Ion	Ratio	Lower Upper
180	100	
182	102.4	47.7 143.1
145	29.6	16.4 49.4

