

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075501.D
 Acq On : 10 Mar 2023 19:20
 Operator : KP/SY
 Sample : 01627-02 5.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 11 00:18:29 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	94211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	167452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	69536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50508	59.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.160%	
35) Dibromofluoromethane	7.811	113	62406	54.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.820%	
50) Toluene-d8	10.269	98	244029	53.861	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.575	95	67317	51.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	5294	5.635	ug/l	96
3) Chloromethane	2.152	50	9683	6.227	ug/l	97
4) Vinyl Chloride	2.287	62	12865	5.690	ug/l	100
5) Bromomethane	2.693	94	11060	6.244	ug/l	96
6) Chloroethane	2.840	64	8925	5.893	ug/l	98
7) Trichlorofluoromethane	3.187	101	10442	5.730	ug/l	99
8) Diethyl Ether	3.593	74	2563	5.269	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.981	101	6673	5.628	ug/l	89
10) Methyl Iodide	4.170	142	7190	5.083	ug/l #	89
11) Tert butyl alcohol	5.034	59	649	16.441	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	6180	5.278	ug/l #	79
13) Acrolein	3.799	56	2141	27.257	ug/l	95
14) Allyl chloride	4.564	41	5497	5.456	ug/l #	82
15) Acrylonitrile	5.252	53	5195	29.123	ug/l #	90
16) Acetone	4.028	43	3954	24.847	ug/l #	57
17) Carbon Disulfide	4.275	76	19066	5.397	ug/l	99
18) Methyl Acetate	4.564	43	2735	6.043	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	10448	5.145	ug/l	92
20) Methylene Chloride	4.811	84	11837	7.768	ug/l #	68
21) trans-1,2-Dichloroethene	5.317	96	6992	5.253	ug/l #	78
22) Diisopropyl ether	6.216	45	10970	5.024	ug/l #	84
23) Vinyl Acetate	6.164	43	26765	25.256	ug/l #	91
24) 1,1-Dichloroethane	6.117	63	10914	5.770	ug/l	96
25) 2-Butanone	7.081	43	5005	25.109	ug/l	99
26) 2,2-Dichloropropane	7.075	77	9244	5.314	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	7631	5.350	ug/l	82
28) Bromochloromethane	7.428	49	3235	5.305	ug/l #	53
29) Tetrahydrofuran	7.452	42	2692	24.814	ug/l #	44
30) Chloroform	7.599	83	11821	5.627	ug/l	96
31) Cyclohexane	7.875	56	8762	5.754	ug/l #	51
32) 1,1,1-Trichloroethane	7.799	97	10238	5.558	ug/l	95
36) 1,1-Dichloropropene	8.011	75	8228	4.841	ug/l	93
37) Ethyl Acetate	7.169	43	2358	5.325	ug/l #	88
38) Carbon Tetrachloride	7.987	117	7827	4.806	ug/l	86
39) Methylcyclohexane	9.269	83	9709	4.531	ug/l #	85
40) Benzene	8.252	78	26649	5.232	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1227	5.258	ug/l #	66
42) 1,2-Dichloroethane	8.328	62	6277	5.598	ug/l	96
43) Isopropyl Acetate	8.363	43	4356	5.316	ug/l #	88
44) Trichloroethene	9.028	130	7119	4.756	ug/l	94
45) 1,2-Dichloropropane	9.310	63	5951	5.435	ug/l	98
46) Dibromomethane	9.399	93	3736	5.536	ug/l	93
47) Bromodichloromethane	9.587	83	9092	5.564	ug/l	88
48) Methyl methacrylate	9.381	41	1950	5.066	ug/l #	60
49) 1,4-Dioxane	9.375	88	442	72.198	ug/l #	21
51) 4-Methyl-2-Pentanone	10.163	43	10467	24.562	ug/l #	81
52) Toluene	10.334	92	17003	5.151	ug/l	93
53) t-1,3-Dichloropropene	10.557	75	6972	4.743	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	8965	4.966	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	4852	5.079	ug/l	91
56) Ethyl methacrylate	10.605	69	4723	5.192	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	7196	4.894	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.875	63	9939	22.325	ug/l #	82
59) 2-Hexanone	10.922	43	6729	22.328	ug/l	79
60) Dibromochloromethane	11.081	129	5683	5.035	ug/l	100
61) 1,2-Dibromoethane	11.181	107	4706	5.230	ug/l	97
64) Tetrachloroethene	10.810	164	6005	5.114	ug/l #	90
65) Chlorobenzene	11.610	112	18353	5.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	6014	4.975	ug/l	94
67) Ethyl Benzene	11.687	91	28716	4.725	ug/l	99
68) m/p-Xylenes	11.799	106	22558	9.236	ug/l	91
69) o-Xylene	12.122	106	10069	4.439	ug/l	91
70) Styrene	12.140	104	16887	4.475	ug/l	94
71) Bromoform	12.299	173	3092	5.009	ug/l #	93
73) Isopropylbenzene	12.422	105	26289	4.721	ug/l	97
74) N-amyl acetate	12.234	43	3217	4.664	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	5187	5.492	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	6240	10.942	ug/l #	100
77) Bromobenzene	12.704	156	6490	4.902	ug/l	94
78) n-propylbenzene	12.769	91	33182	4.904	ug/l	99
79) 2-Chlorotoluene	12.851	91	17936	4.892	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	20820	4.559	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	1232	4.544	ug/l #	79
82) 4-Chlorotoluene	12.951	91	18565	4.907	ug/l	96
83) tert-Butylbenzene	13.169	119	17348	4.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	21078	4.776	ug/l	99
85) sec-Butylbenzene	13.346	105	27785	4.522	ug/l	97
86) p-Isopropyltoluene	13.463	119	22334	4.448	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	13372	4.886	ug/l	98
88) 1,4-Dichlorobenzene	13.546	146	14257	5.267	ug/l	99
89) n-Butylbenzene	13.793	91	21070	4.576	ug/l	98
90) Hexachloroethane	14.057	117	4846	4.999	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	11909	5.143	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.451	75	564	4.745	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.104	180	5981	4.429	ug/l	91
94) Hexachlorobutadiene	15.204	225	3219	4.998	ug/l	96
95) Naphthalene	15.340	128	11336	4.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	5292	4.541	ug/l	94

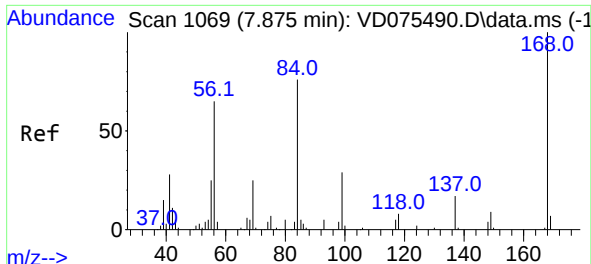
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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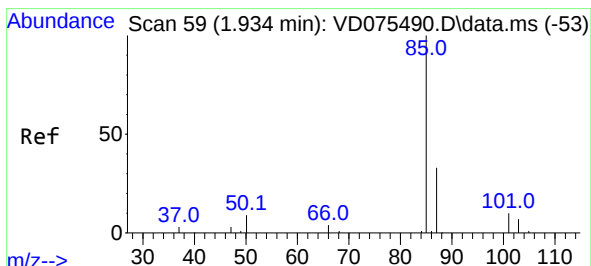
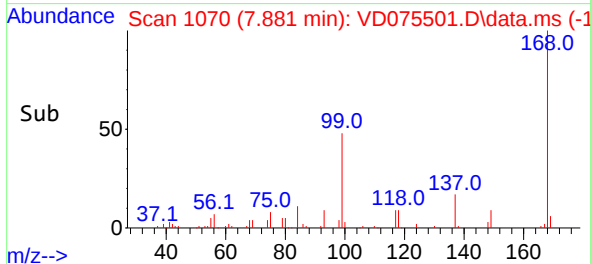
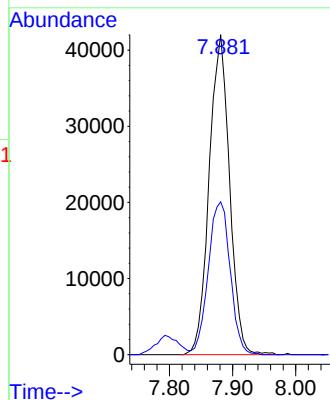
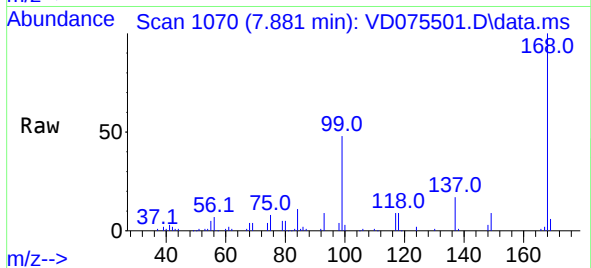
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

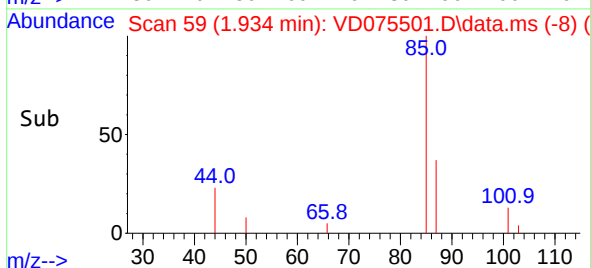
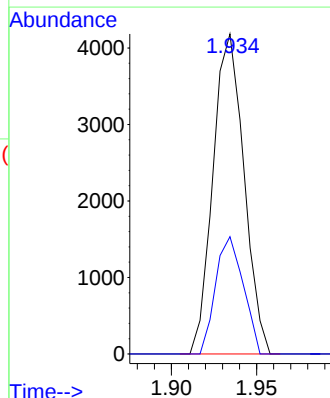
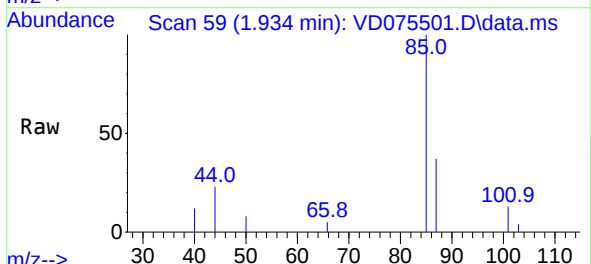
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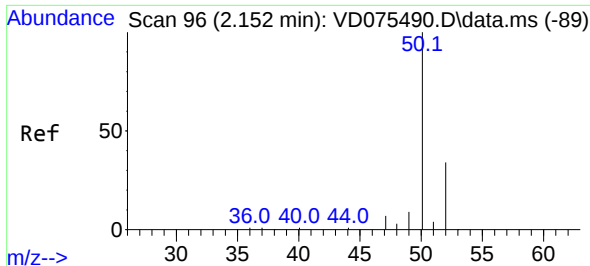
Tgt Ion:168 Resp: 94211
Ion Ratio Lower Upper
168 100
99 47.8 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 5.635 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 85 Resp: 5294
Ion Ratio Lower Upper
85 100
87 36.6 17.3 51.7

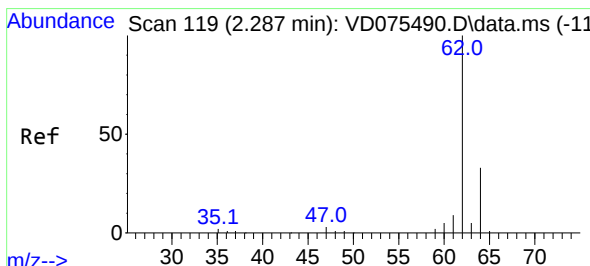
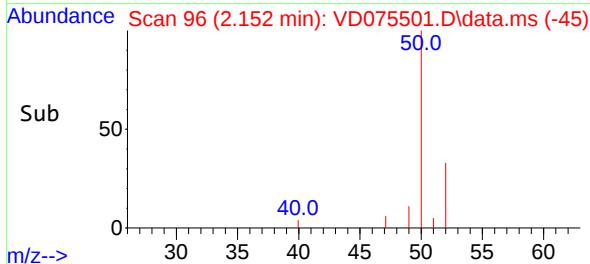
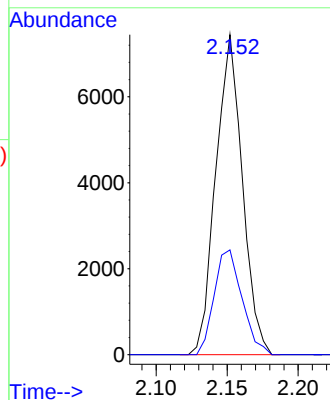
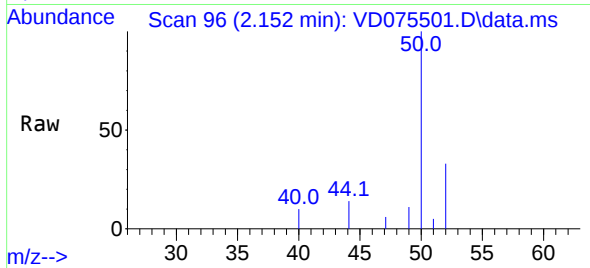




#3
Chloromethane
Concen: 6.227 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

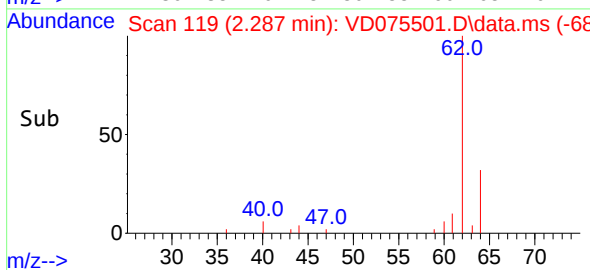
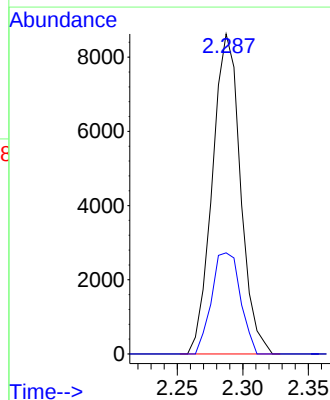
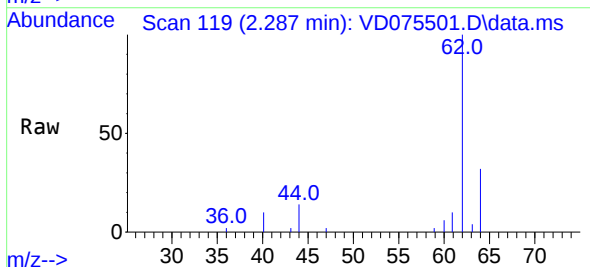
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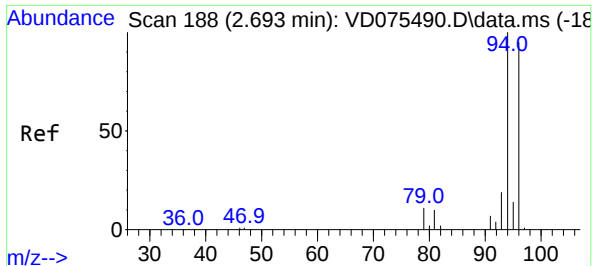
Tgt Ion: 50 Resp: 9683
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.8



#4
Vinyl Chloride
Concen: 5.690 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 62 Resp: 12865
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

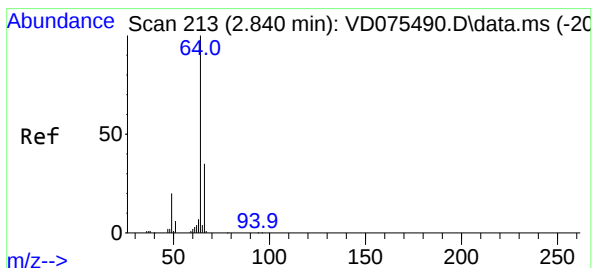
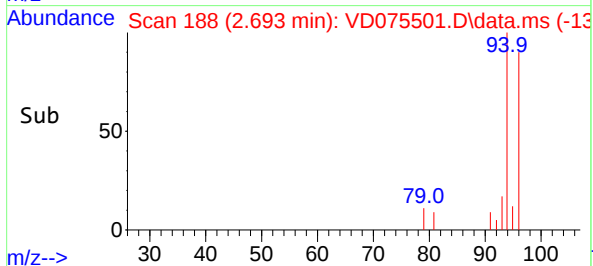
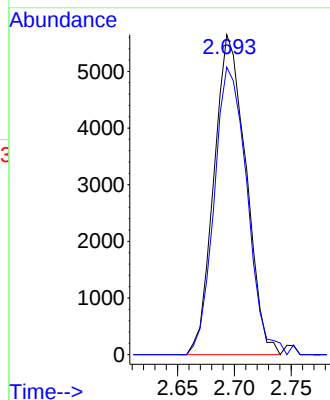
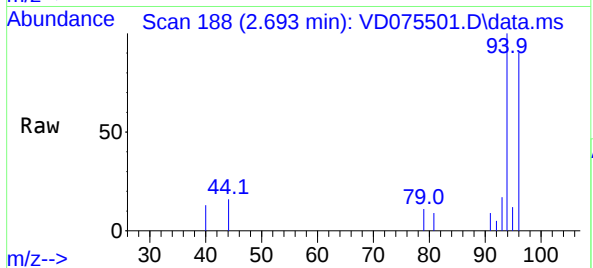




#5
Bromomethane
Concen: 6.244 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

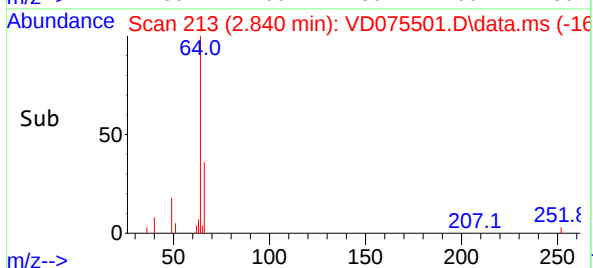
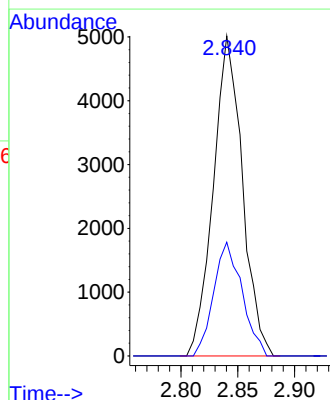
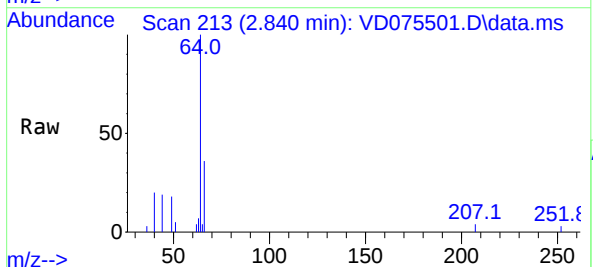
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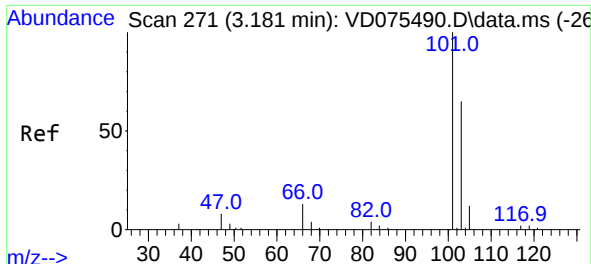
Tgt Ion: 94 Resp: 11060
Ion Ratio Lower Upper
94 100
96 92.6 77.5 116.3



#6
Chloroethane
Concen: 5.893 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 64 Resp: 8925
Ion Ratio Lower Upper
64 100
66 35.6 27.7 41.5

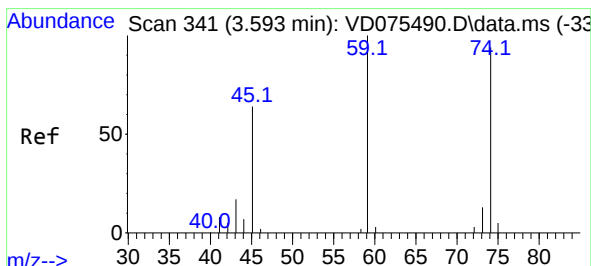
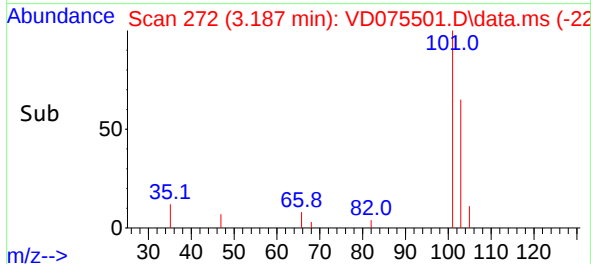
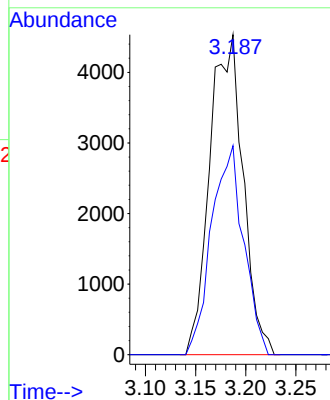
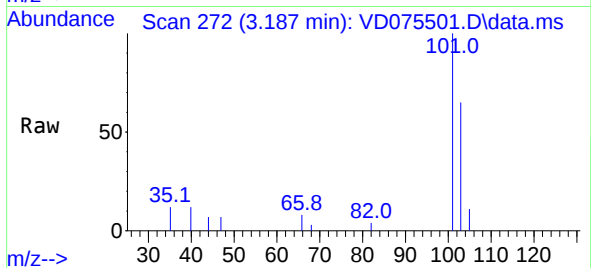




#7
Trichlorofluoromethane
Concen: 5.730 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

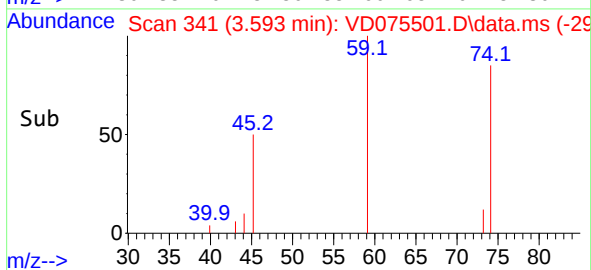
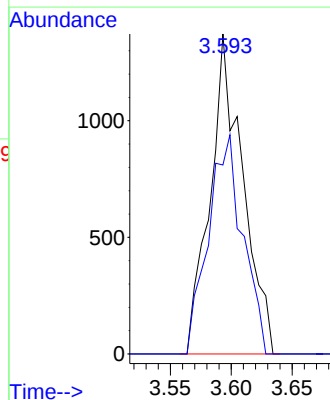
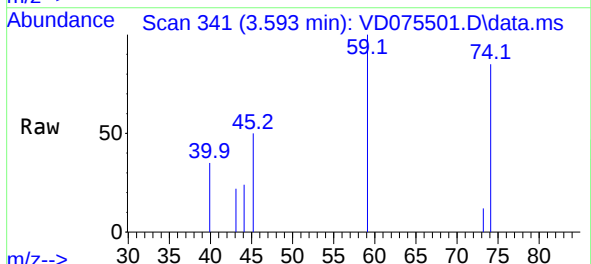
Instrument :
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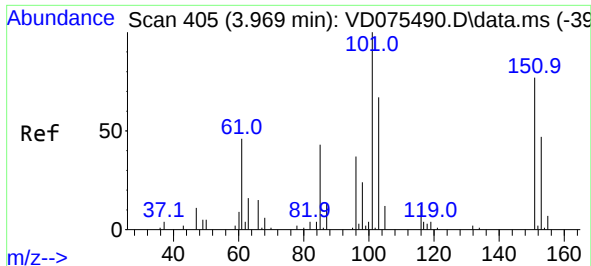
Tgt Ion:101 Resp: 10442
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9



#8
Diethyl Ether
Concen: 5.269 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 74 Resp: 2563
Ion Ratio Lower Upper
74 100
45 72.2 50.9 152.7

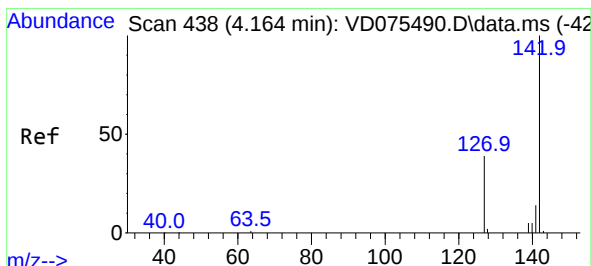
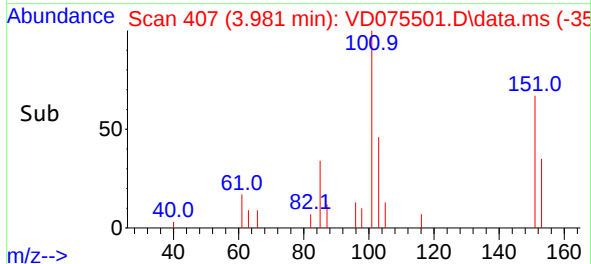
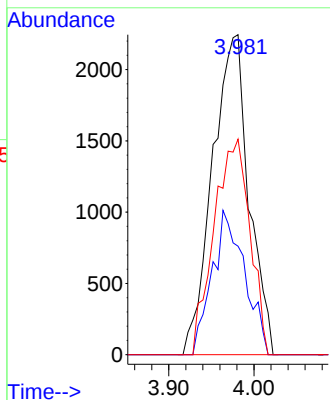
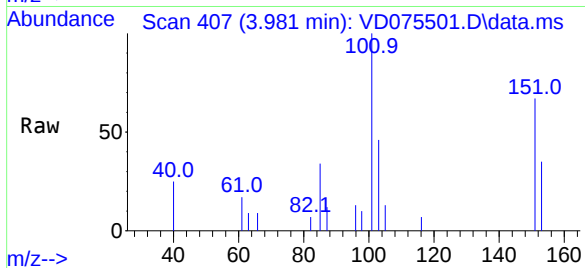




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.628 ug/l
RT: 3.981 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

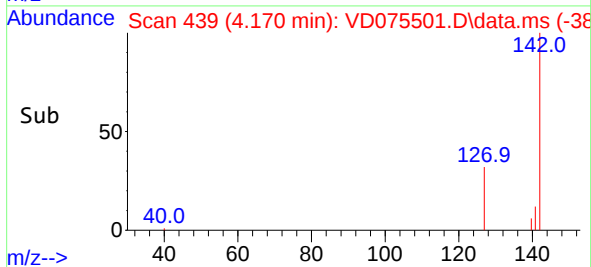
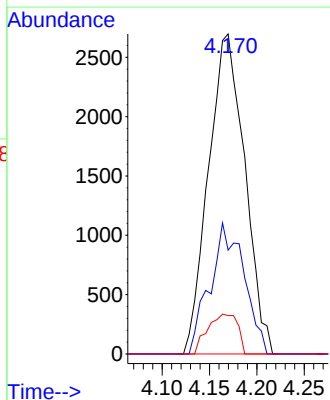
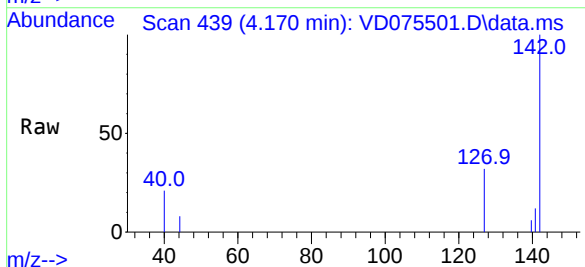
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

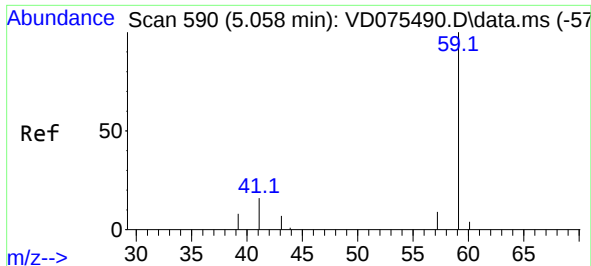
Tgt Ion:101 Resp: 6673
Ion Ratio Lower Upper
101 100
85 40.2 38.3 57.5
151 66.3 60.4 90.6



#10
Methyl Iodide
Concen: 5.083 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:142 Resp: 7190
Ion Ratio Lower Upper
142 100
127 38.4 37.1 55.7
141 10.3 11.3 16.9#





#11

Tert butyl alcohol

Concen: 16.441 ug/l

RT: 5.034 min Scan# 51

Delta R.T. -0.023 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

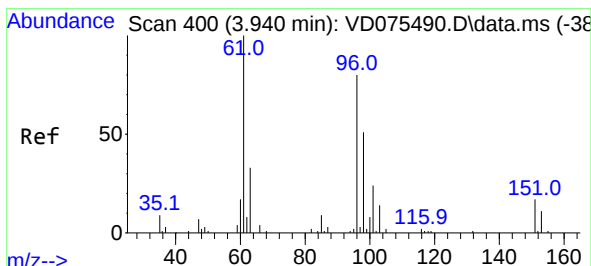
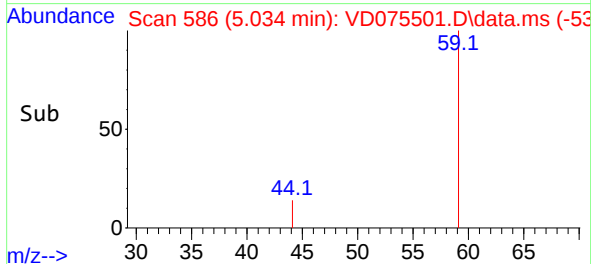
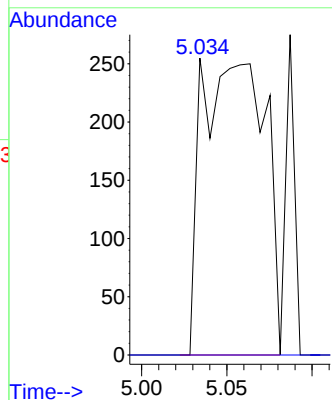
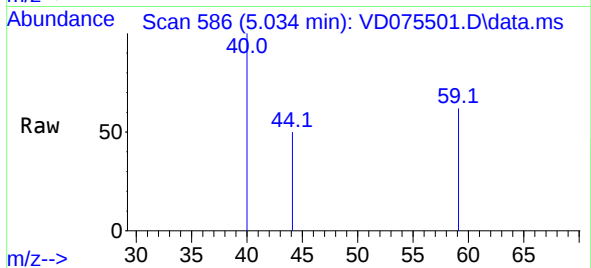
LOQ-SOIL-02-QT1-2023

Tgt Ion: 59 Resp: 649

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 5.278 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

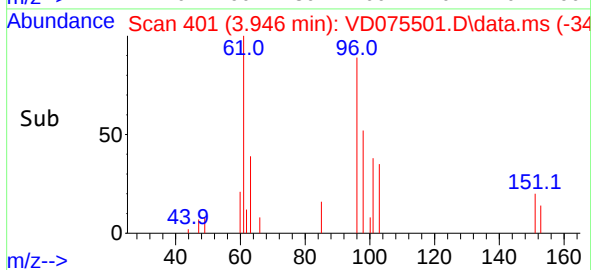
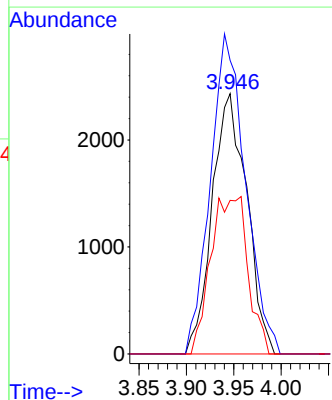
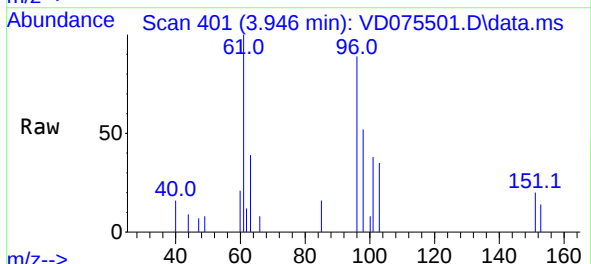
Tgt Ion: 96 Resp: 6180

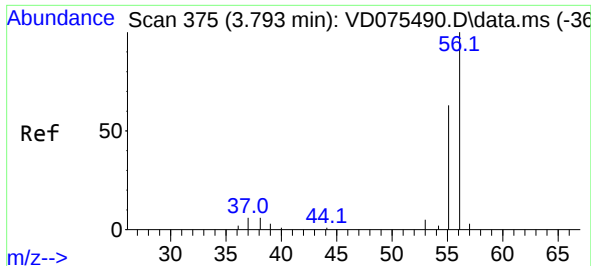
Ion Ratio Lower Upper

96 100

61 112.8 118.6 177.8#

98 59.0 49.7 74.5

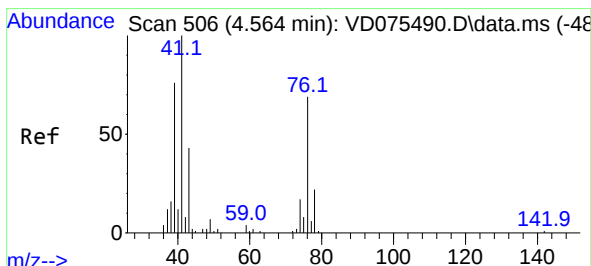
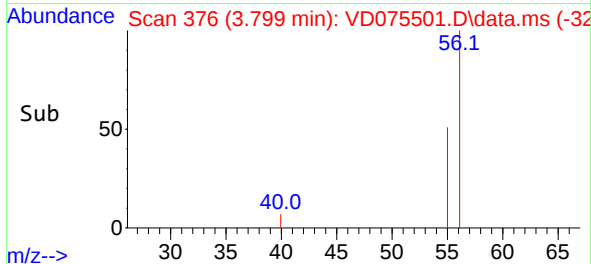
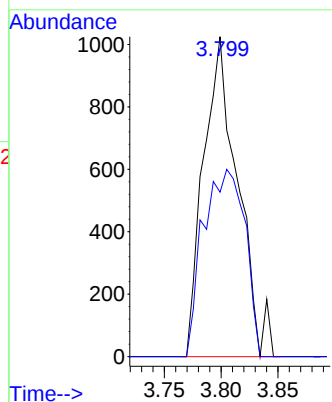
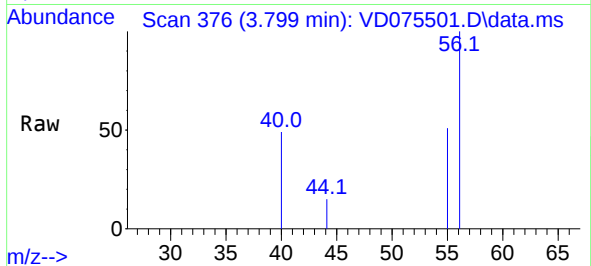




#13
Acrolein
Concen: 27.257 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

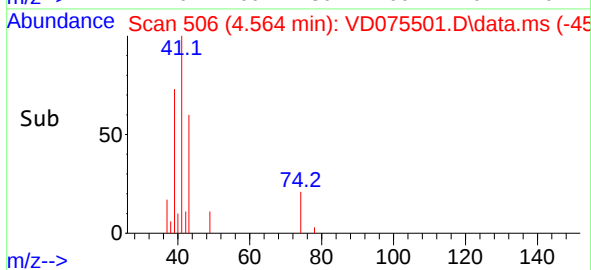
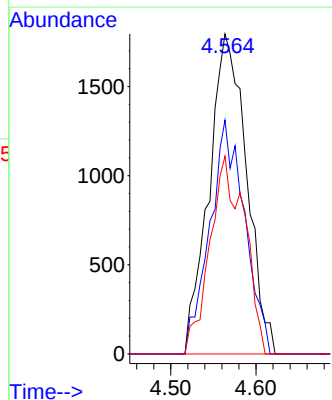
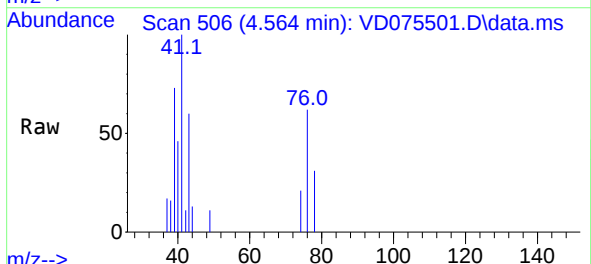
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

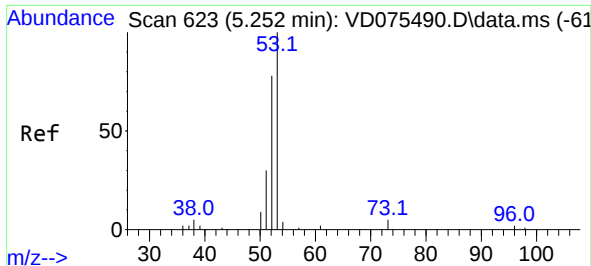
Tgt Ion: 56 Resp: 2141
Ion Ratio Lower Upper
56 100
55 71.3 53.9 80.9



#14
Allyl chloride
Concen: 5.456 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 41 Resp: 5497
Ion Ratio Lower Upper
41 100
39 68.0 60.6 90.8
76 57.1 28.6 43.0#

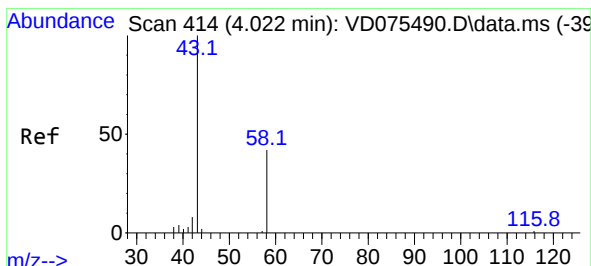
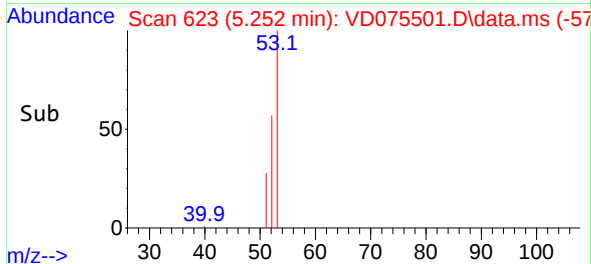
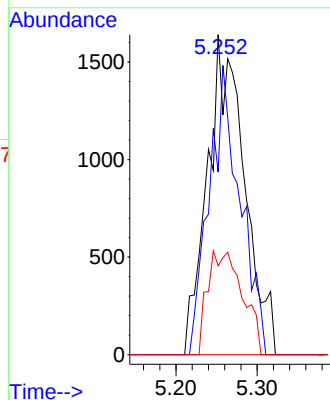
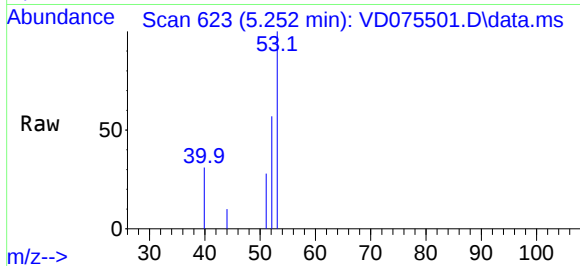




#15
Acrylonitrile
Concen: 29.123 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

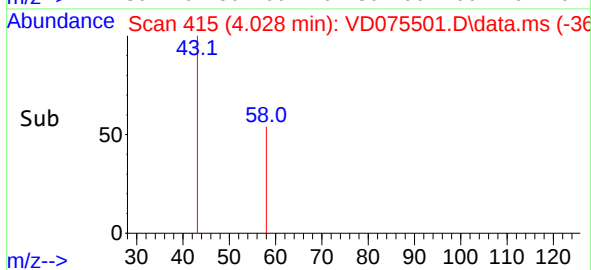
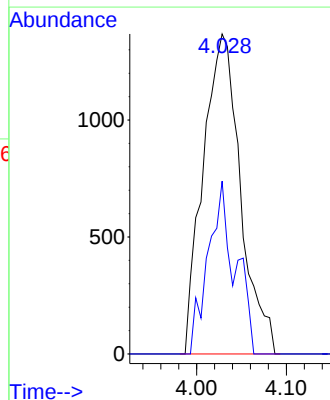
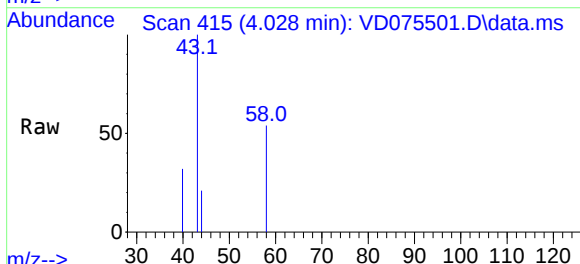
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

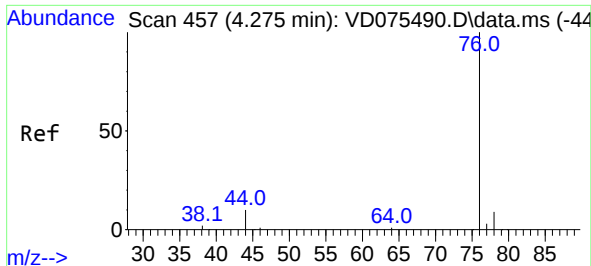
Tgt Ion:	53	Resp:	5195
Ion	Ratio	Lower	Upper
53	100		
52	75.4	66.2	99.4
51	30.5	30.7	46.1#



#16
Acetone
Concen: 24.847 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	43	Resp:	3954
Ion	Ratio	Lower	Upper
43	100		
58	54.0	24.4	36.6#

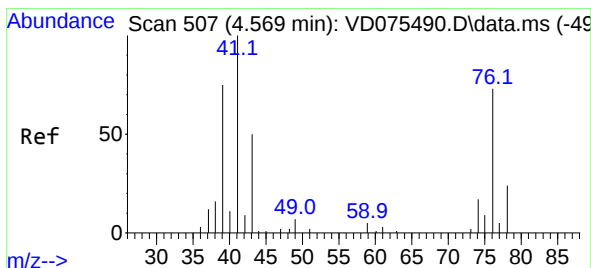
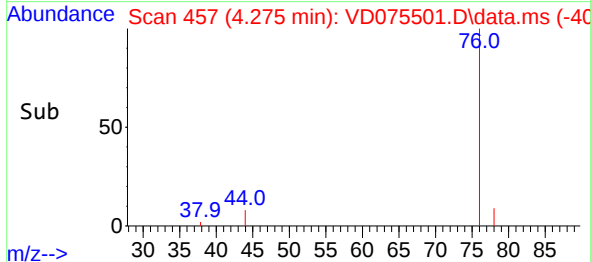
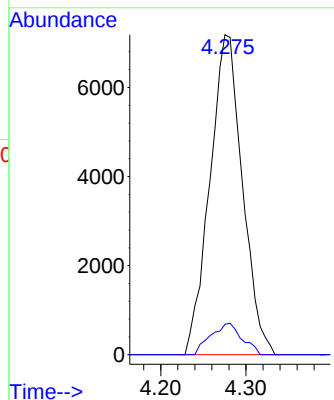
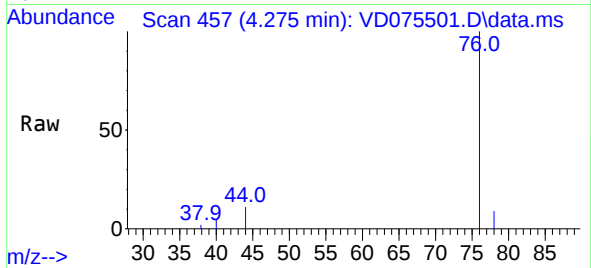




#17
Carbon Disulfide
Concen: 5.397 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

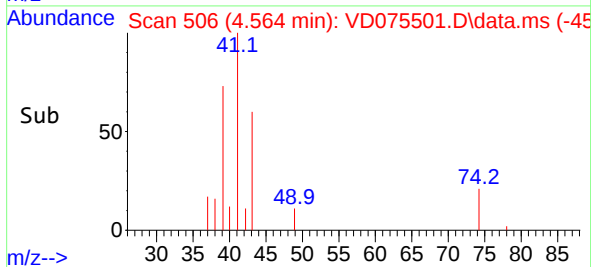
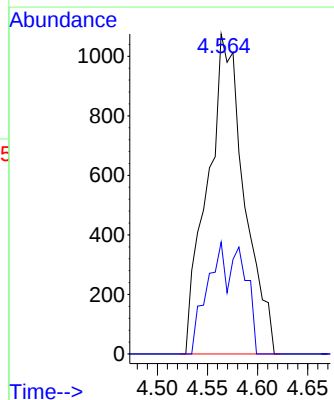
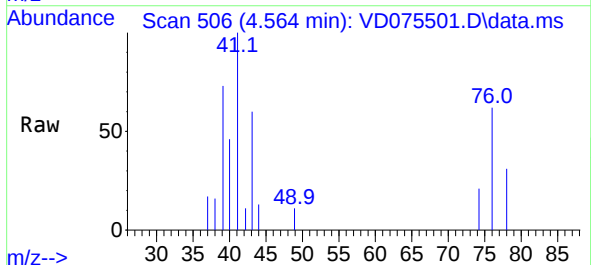
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

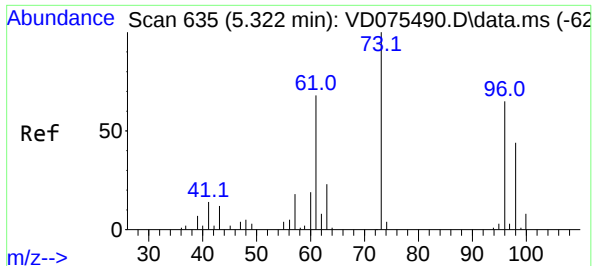
Tgt Ion: 76 Resp: 19066
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0



#18
Methyl Acetate
Concen: 6.043 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
74 18.8 17.8 26.6

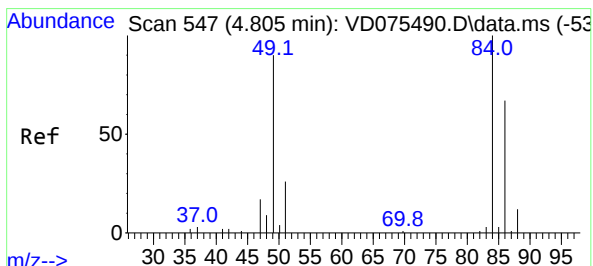
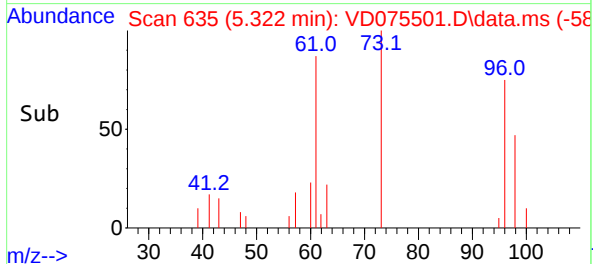
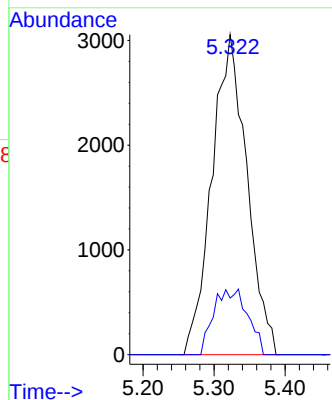
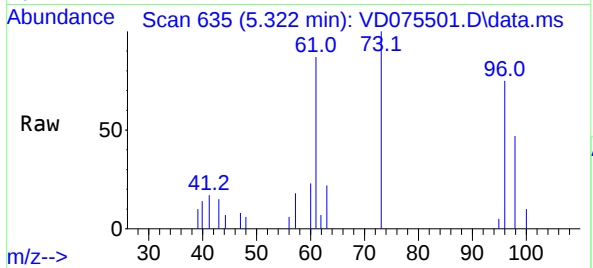




#19
Methyl tert-butyl Ether
Concen: 5.145 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

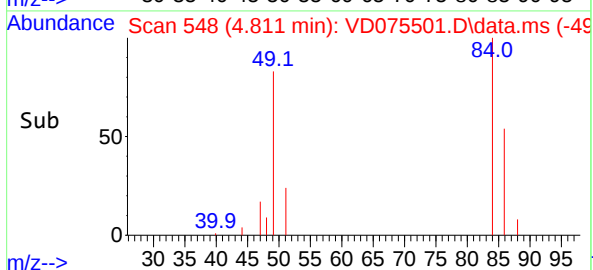
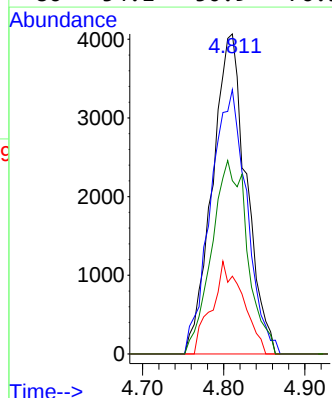
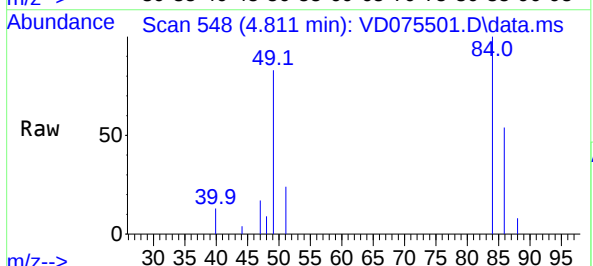
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

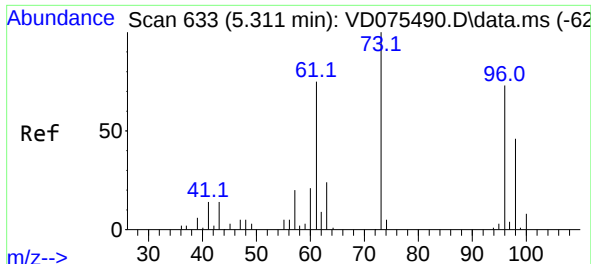
Tgt Ion: 73 Resp: 10448
Ion Ratio Lower Upper
73 100
57 17.7 17.2 25.8



#20
Methylene Chloride
Concen: 7.768 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

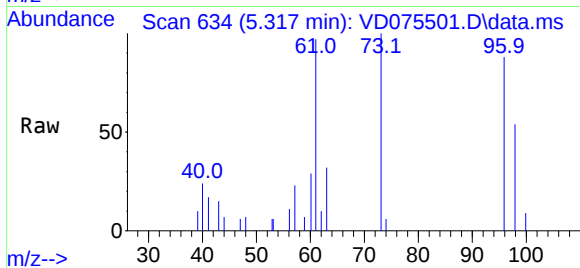
Tgt Ion: 84 Resp: 11837
Ion Ratio Lower Upper
84 100
49 82.6 106.4 159.6#
51 24.3 32.4 48.6#
86 54.1 50.9 76.3



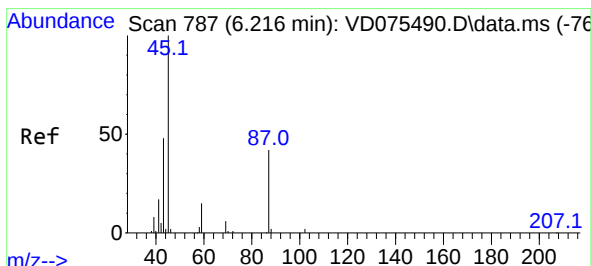
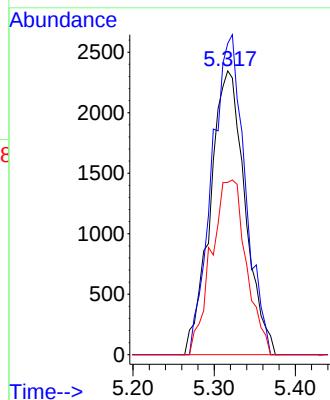
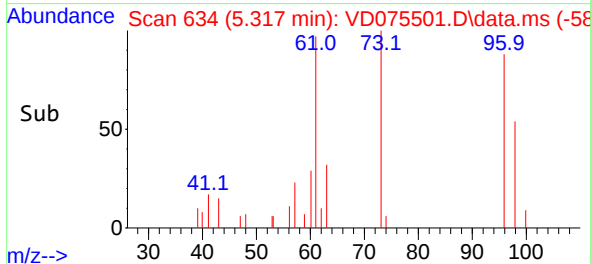


#21
trans-1,2-Dichloroethene
Concen: 5.253 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

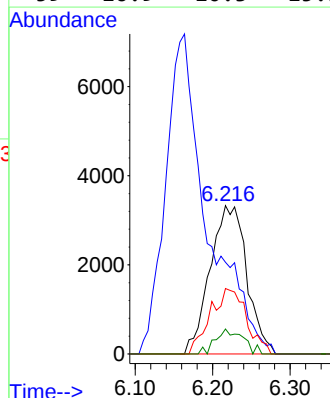
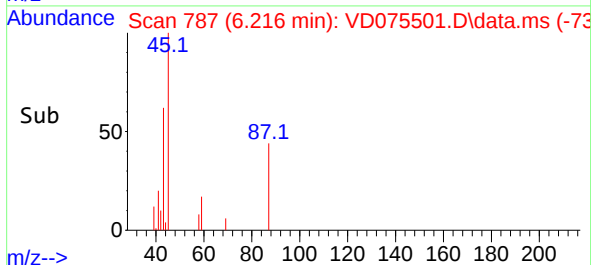
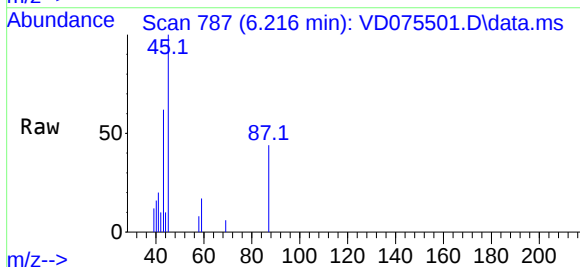


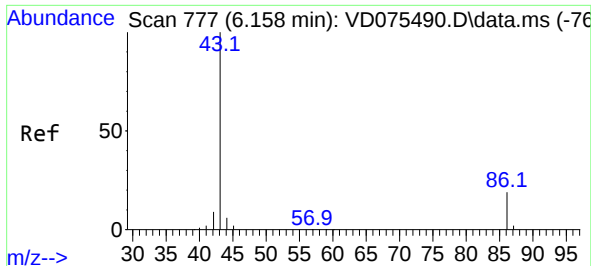
Tgt Ion: 96 Resp: 6992
Ion Ratio Lower Upper
96 100
61 109.6 117.2 175.8#
98 60.7 50.6 76.0



#22
Diisopropyl ether
Concen: 5.024 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 45 Resp: 10970
Ion Ratio Lower Upper
45 100
43 61.9 44.4 66.6
87 44.2 20.9 31.3#
59 16.9 10.3 15.5#

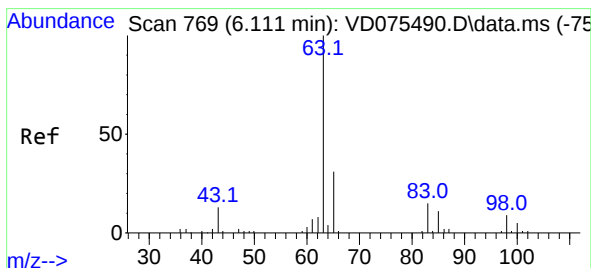
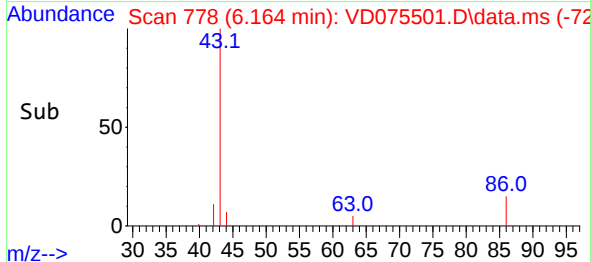
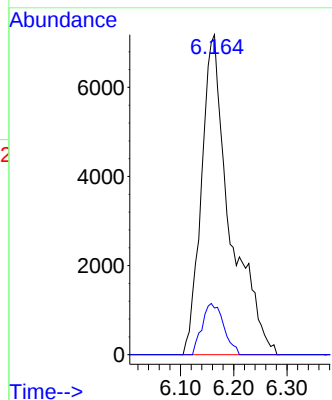
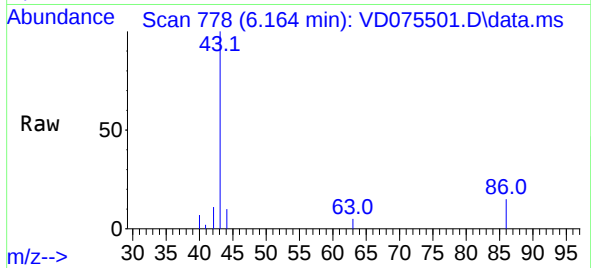




#23
 Vinyl Acetate
 Concen: 25.256 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075501.D
 Acq: 10 Mar 2023 19:20

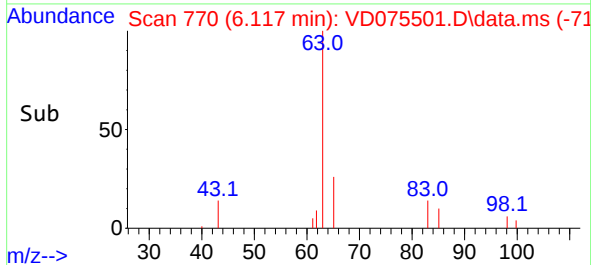
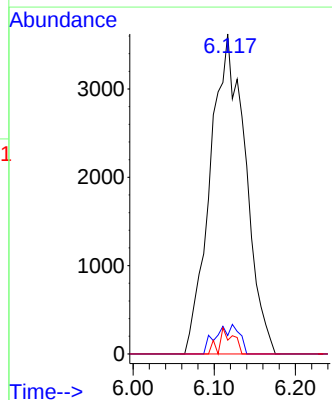
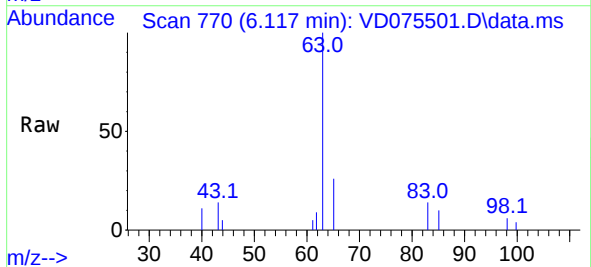
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

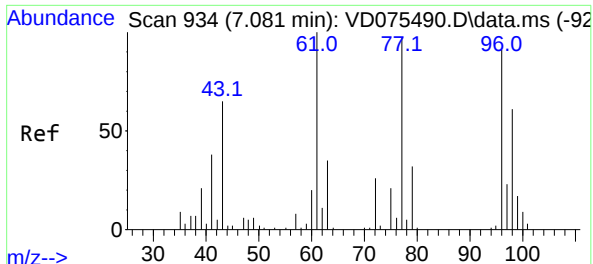
Tgt Ion: 43 Resp: 26765
 Ion Ratio Lower Upper
 43 100
 86 14.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 5.770 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075501.D
 Acq: 10 Mar 2023 19:20

Tgt Ion: 63 Resp: 10914
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 25.109 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

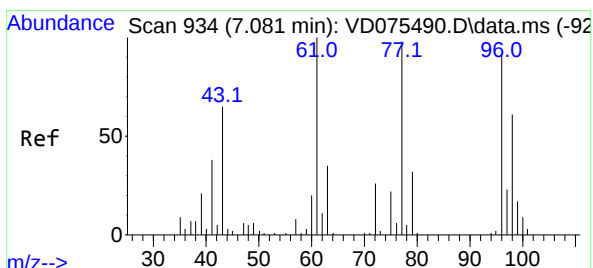
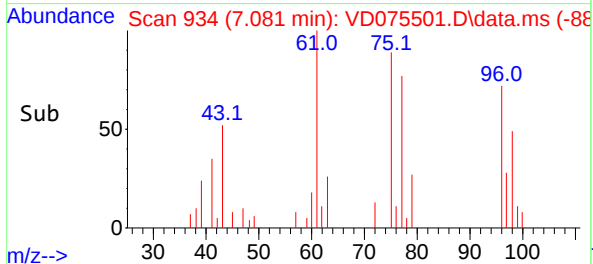
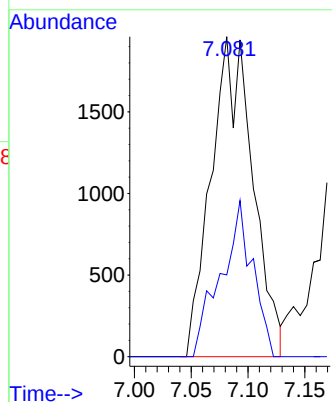
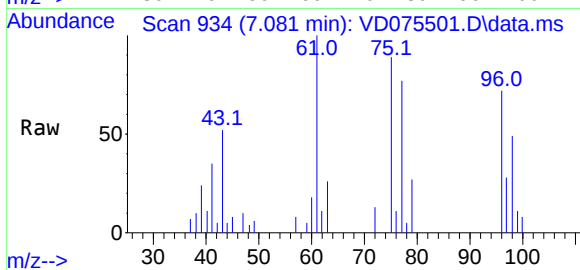
LOQ-SOIL-02-QT1-2023

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

43 100

72 25.5 19.8 29.8



#26

2,2-Dichloropropane

Concen: 5.314 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075501.D

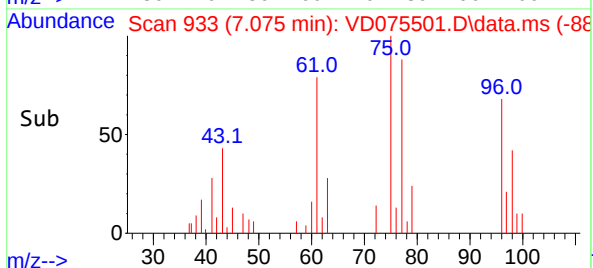
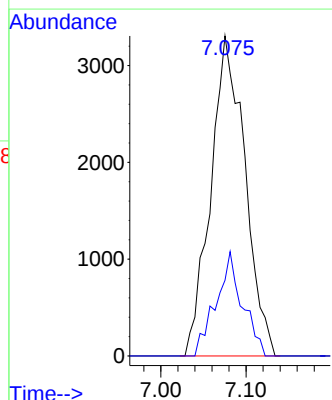
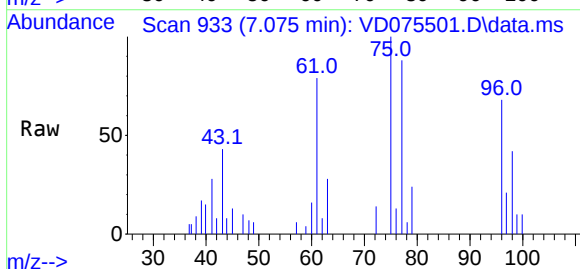
Acq: 10 Mar 2023 19:20

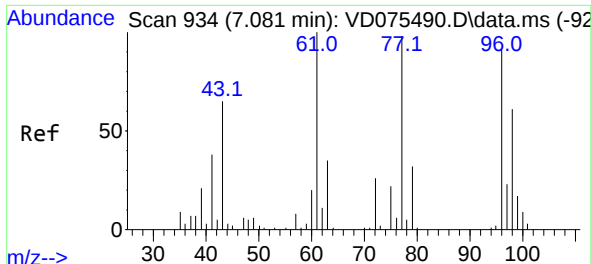
Tgt Ion: 77 Resp: 9244

Ion Ratio Lower Upper

77 100

97 25.0 11.1 33.1

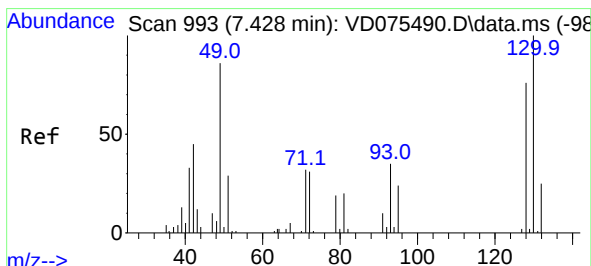
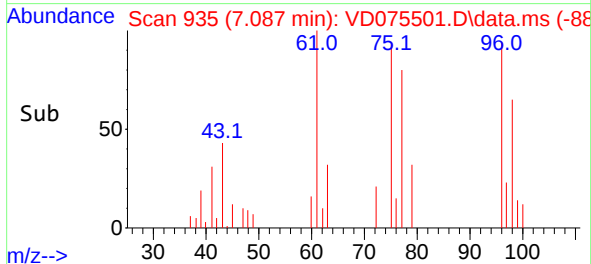
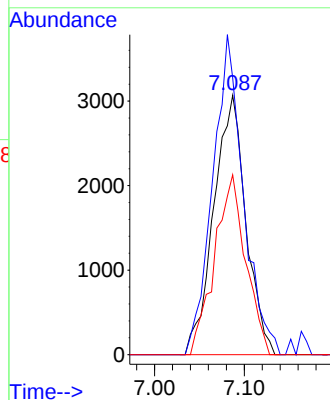
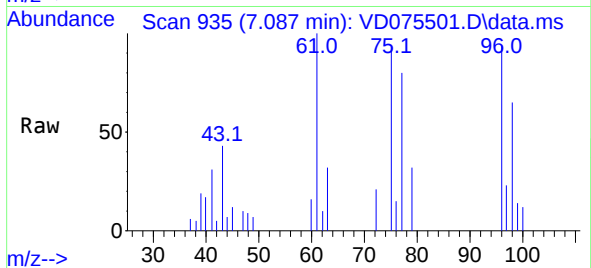




#27
cis-1,2-Dichloroethene
Concen: 5.350 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

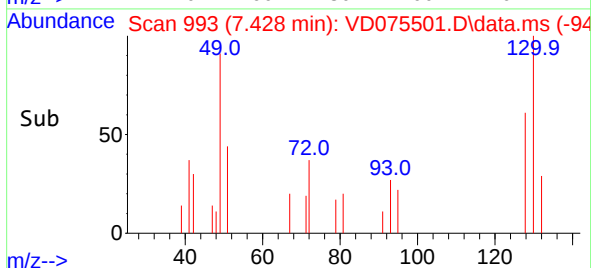
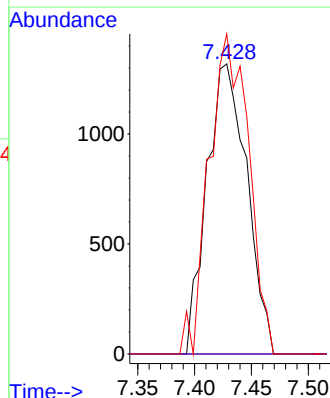
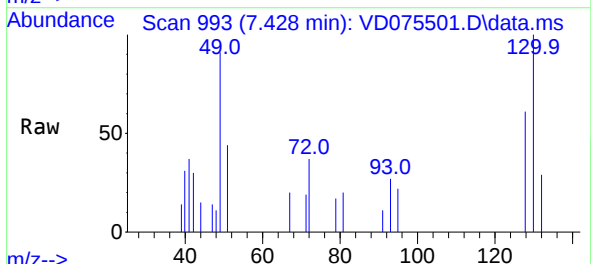
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

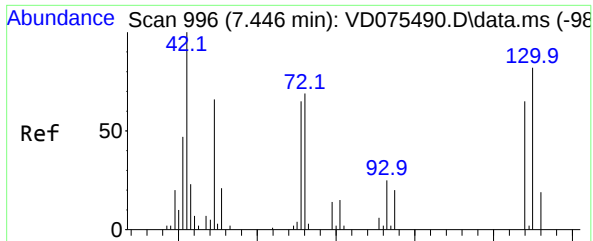
Tgt Ion: 96 Resp: 7631
Ion Ratio Lower Upper
96 100
61 117.5 0.0 295.2
98 67.1 0.0 129.2



#28
Bromochloromethane
Concen: 5.305 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 49 Resp: 3235
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 108.8 56.0 84.0#

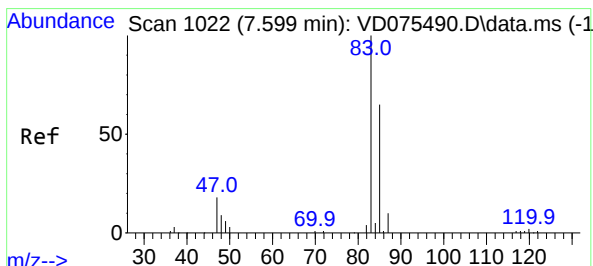
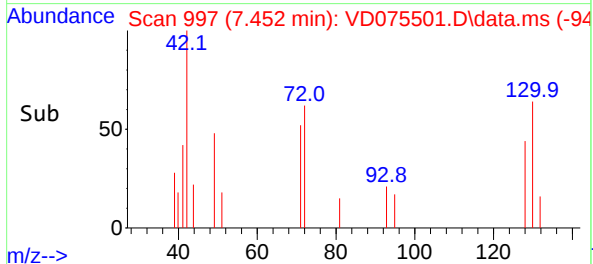
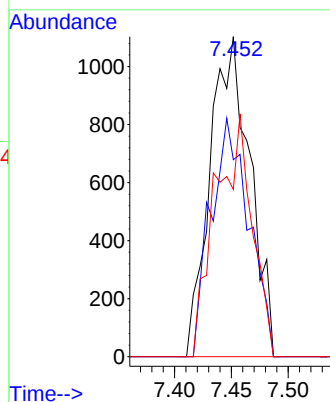
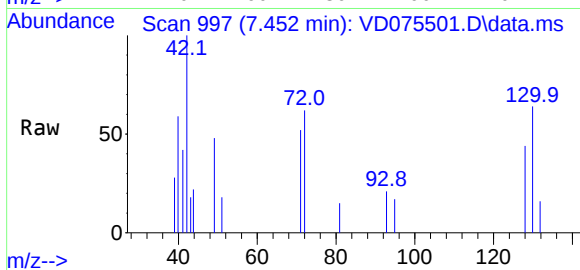




#29
Tetrahydrofuran
Concen: 24.814 ug/l
RT: 7.452 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

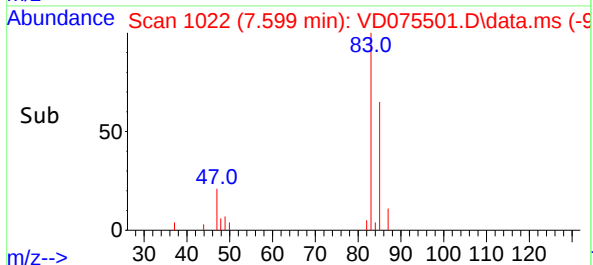
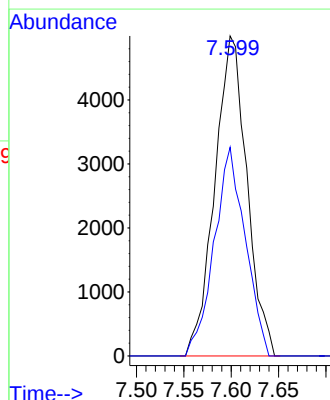
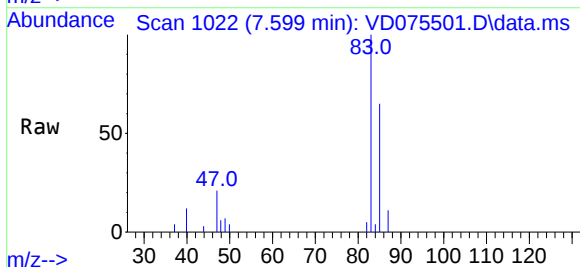
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

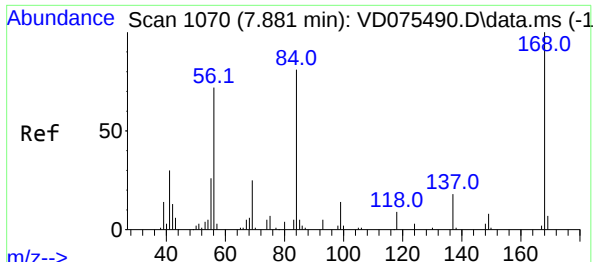
Tgt Ion: 42 Resp: 2692
Ion Ratio Lower Upper
42 100
72 71.3 31.8 47.6#
71 69.4 27.6 41.4#



#30
Chloroform
Concen: 5.627 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 83 Resp: 11821
Ion Ratio Lower Upper
83 100
85 65.2 49.4 74.2

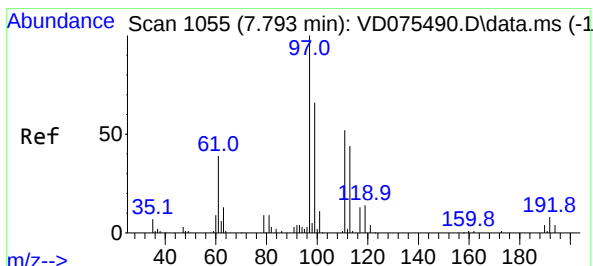
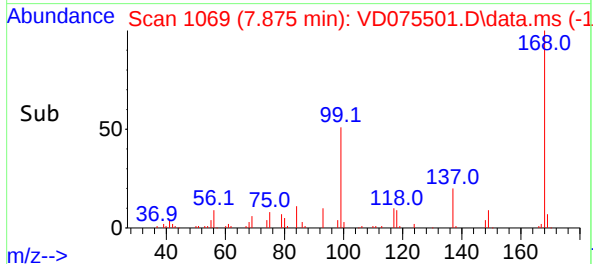
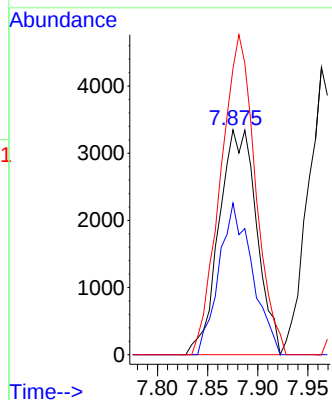
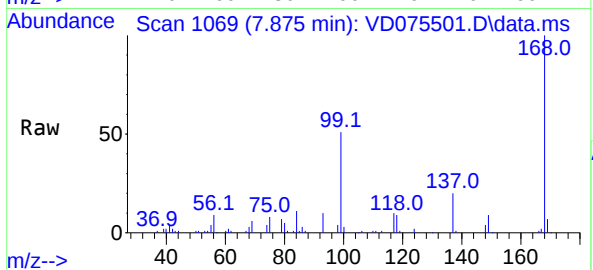




#31
Cyclohexane
Concen: 5.754 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

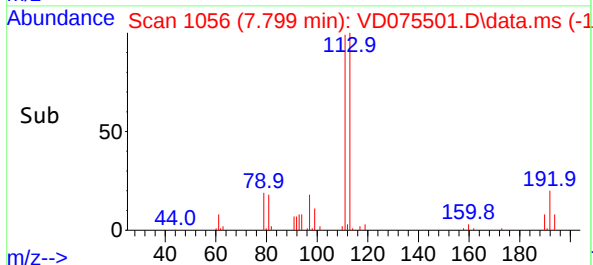
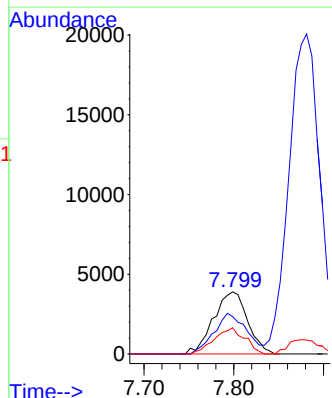
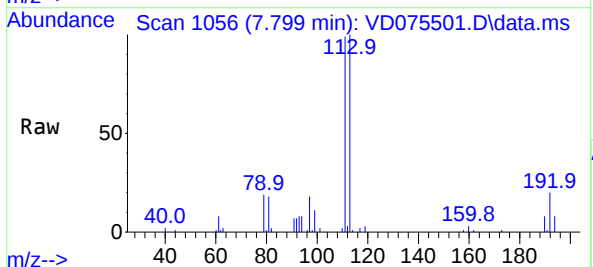
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

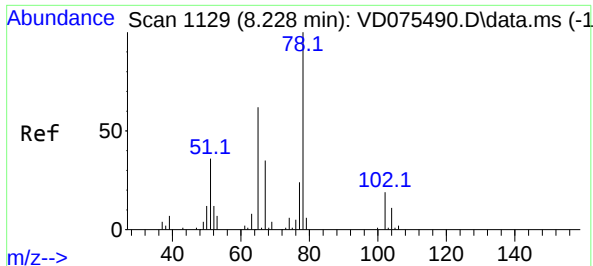
Tgt Ion: 56 Resp: 8762
Ion Ratio Lower Upper
56 100
69 67.4 25.5 38.3#
84 127.4 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 5.558 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 97 Resp: 10238
Ion Ratio Lower Upper
97 100
99 63.5 50.5 75.7
61 37.8 36.6 55.0

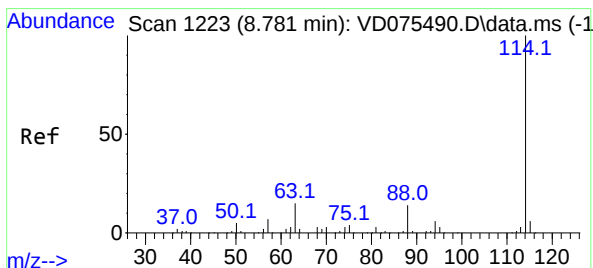
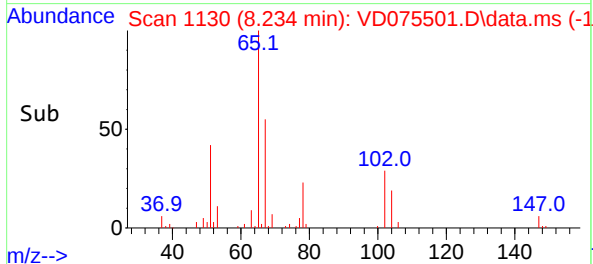
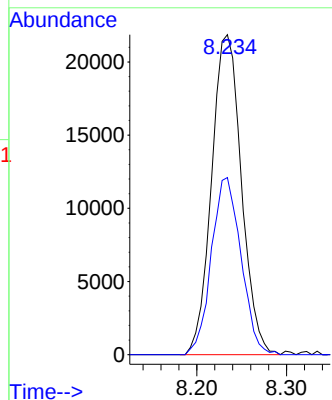
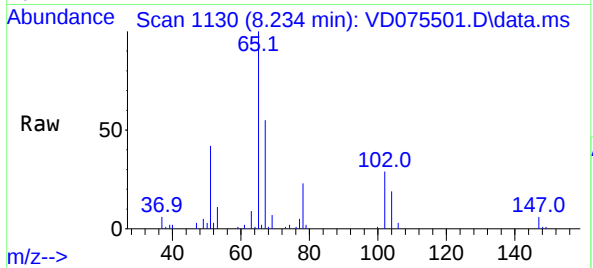




#33
1,2-Dichloroethane-d4
Concen: 59.084 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

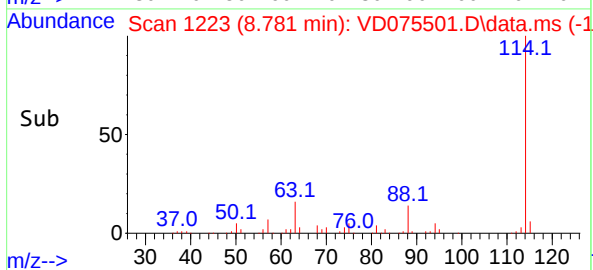
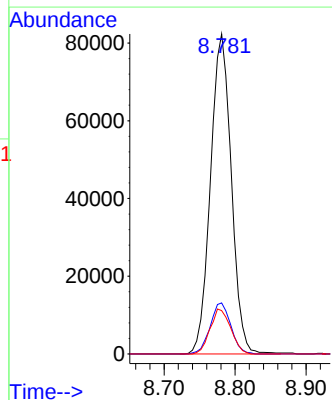
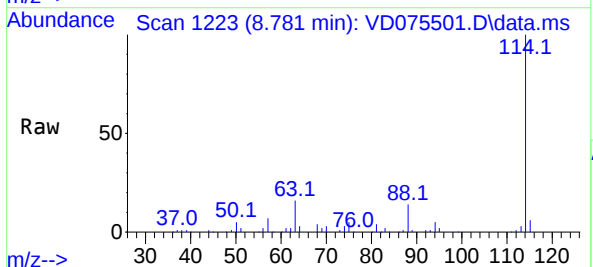
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

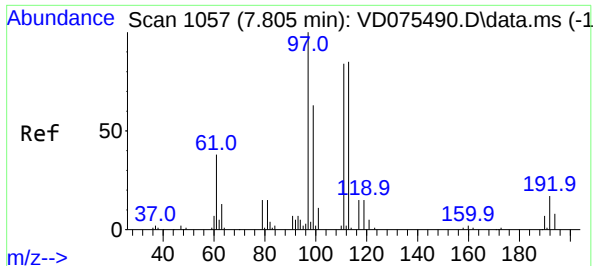
Tgt Ion: 65 Resp: 50508
Ion Ratio Lower Upper
65 100
67 54.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 114 Resp: 167452
Ion Ratio Lower Upper
114 100
63 15.9 0.0 41.6
88 13.6 0.0 30.6

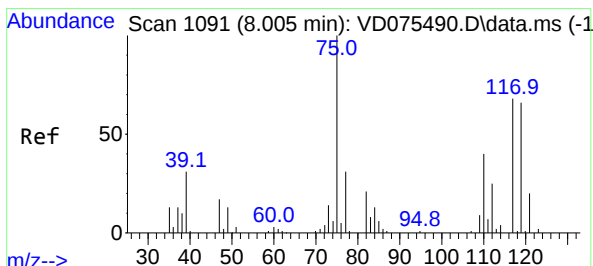
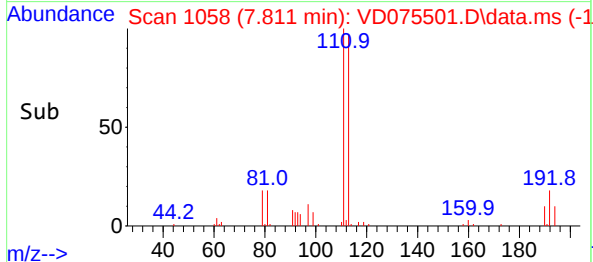
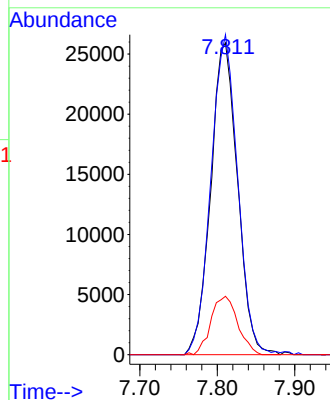
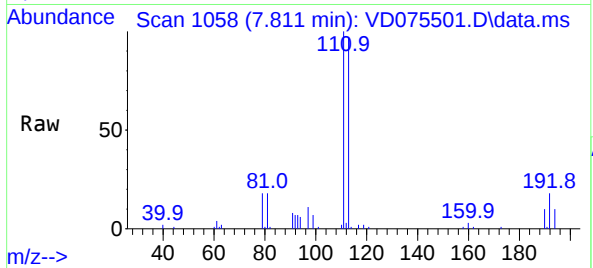




#35
Dibromofluoromethane
Concen: 54.414 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

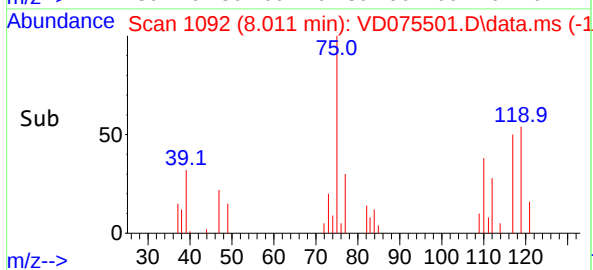
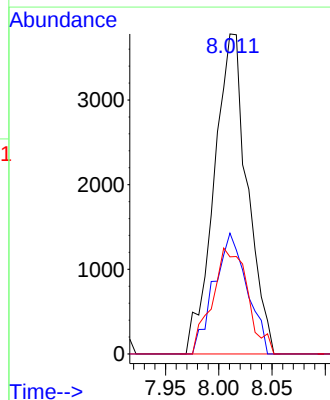
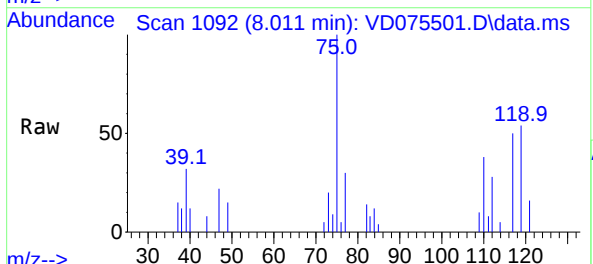
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

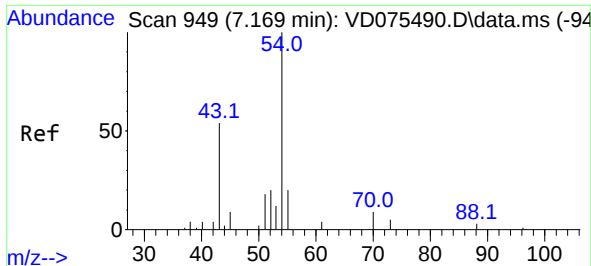
Tgt Ion:113 Resp: 62406
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.841 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 75 Resp: 8228
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 35.1 24.6 36.8





#37

Ethyl Acetate

Concen: 5.325 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

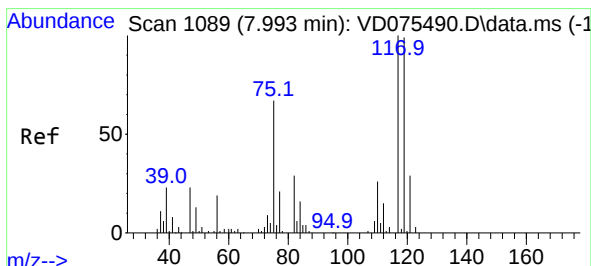
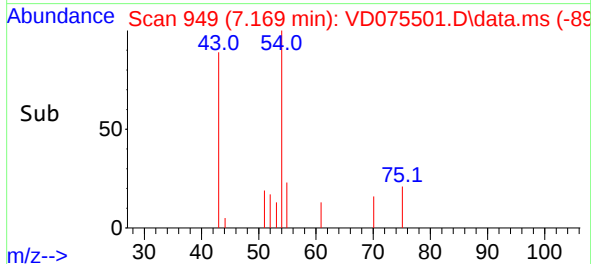
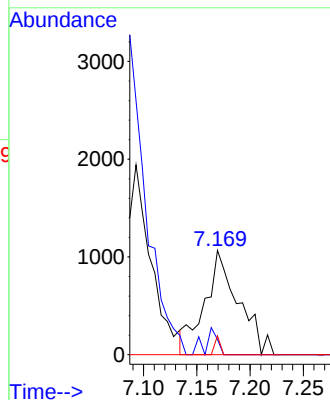
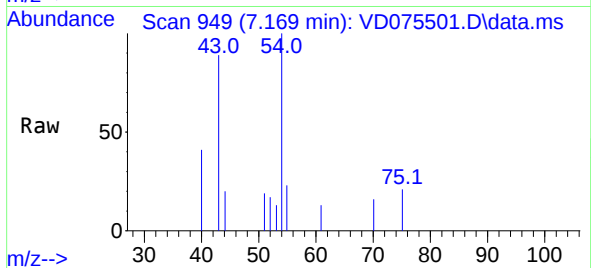
Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2023

Tgt Ion:	43	Resp:	2358
Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	2.9	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 4.806 ug/l

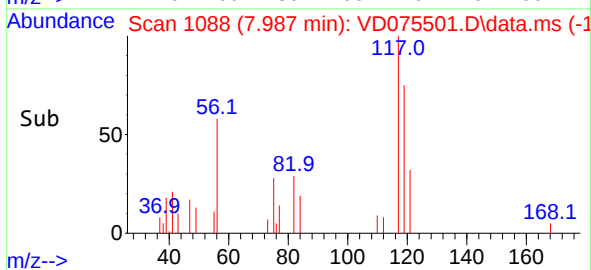
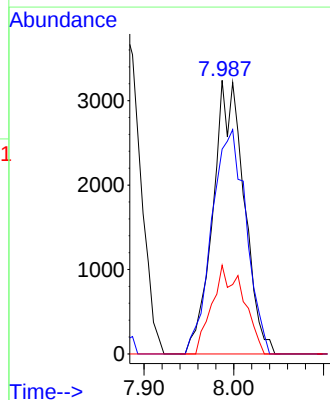
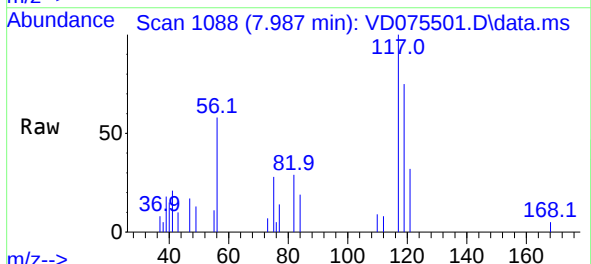
RT: 7.987 min Scan# 1088

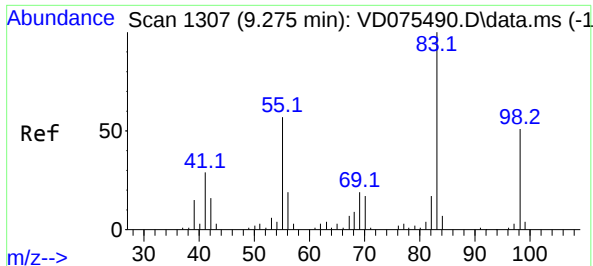
Delta R.T. -0.006 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Tgt Ion:	117	Resp:	7827
Ion	Ratio	Lower	Upper
117	100		
119	74.8	74.7	112.1
121	32.4	25.9	38.9





#39

Methylcyclohexane

Concen: 4.531 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2023

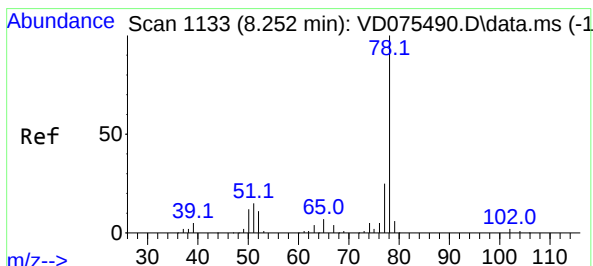
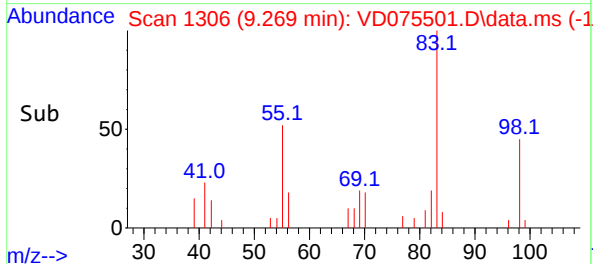
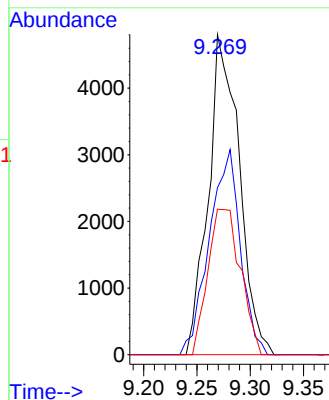
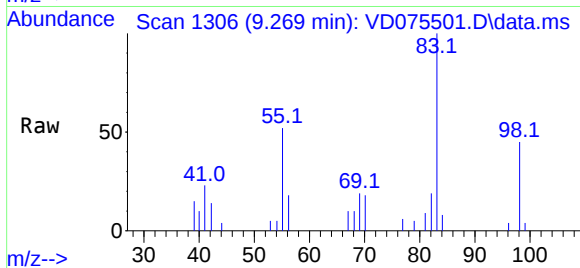
Tgt Ion: 83 Resp: 9709

Ion Ratio Lower Upper

83 100

55 52.2 56.8 85.2#

98 45.4 38.9 58.3



#40

Benzene

Concen: 5.232 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075501.D

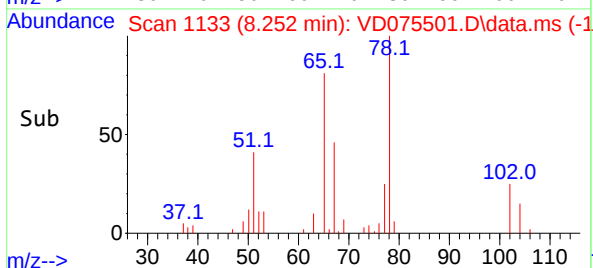
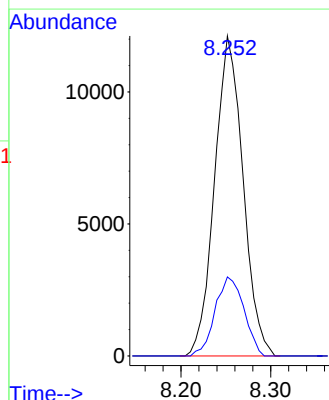
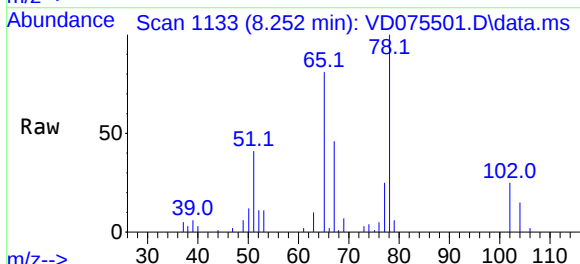
Acq: 10 Mar 2023 19:20

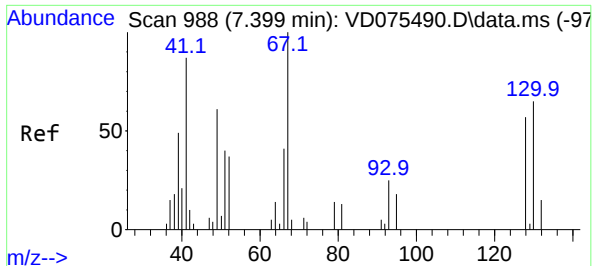
Tgt Ion: 78 Resp: 26649

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7



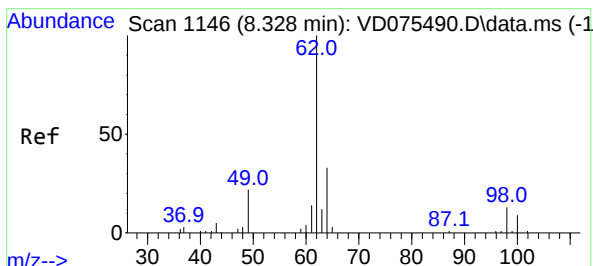
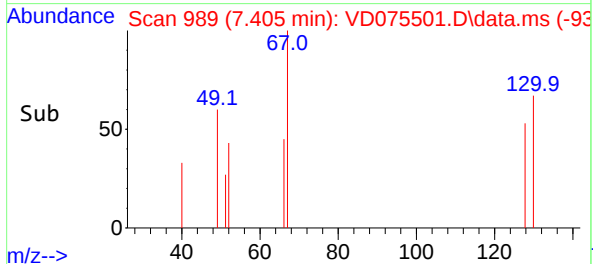
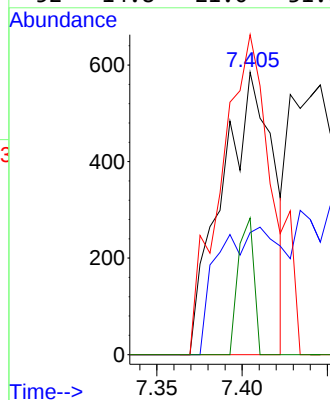
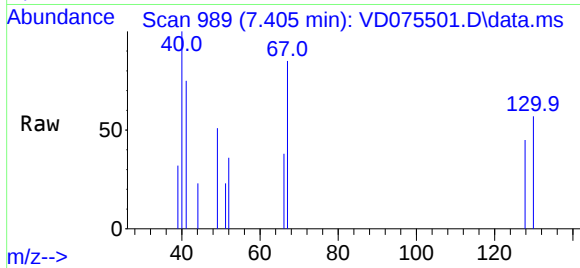


#41
Methacrylonitrile
Concen: 5.258 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion: 41 Resp: 1227

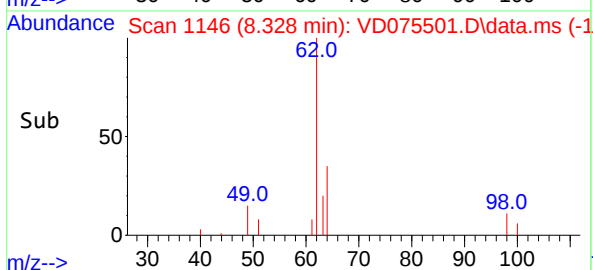
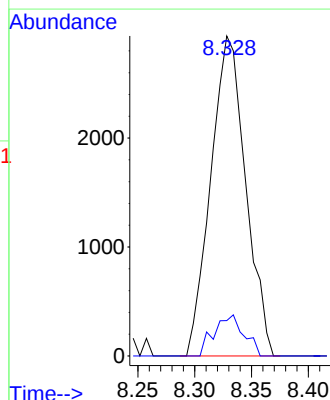
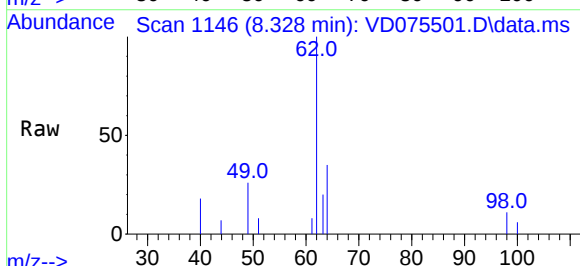
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.3	67.9
67	114.6	50.5	75.7#
52	14.8	21.0	31.6#

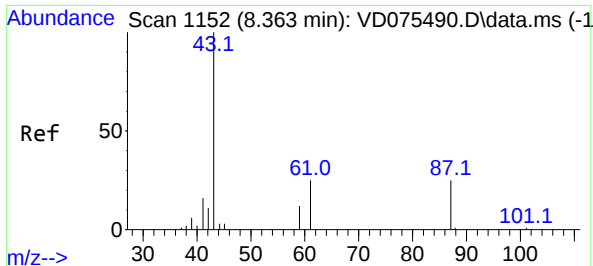


#42
1,2-Dichloroethane
Concen: 5.598 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 62 Resp: 6277

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	18.8

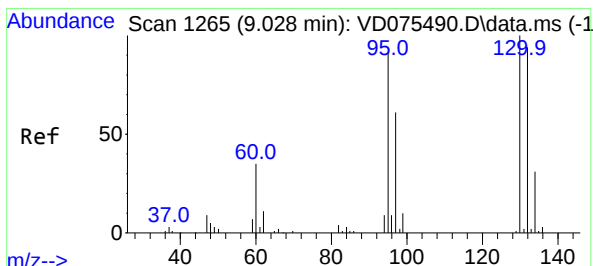
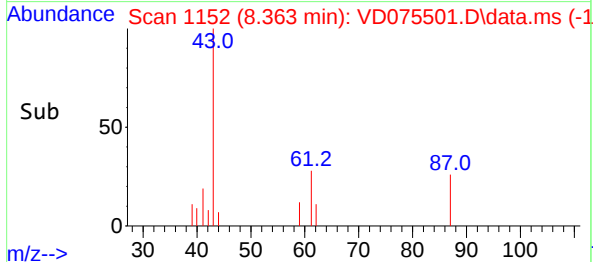
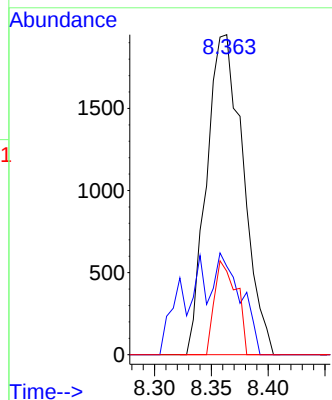
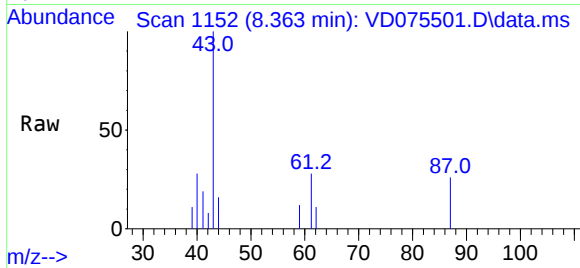




#43
Isopropyl Acetate
Concen: 5.316 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

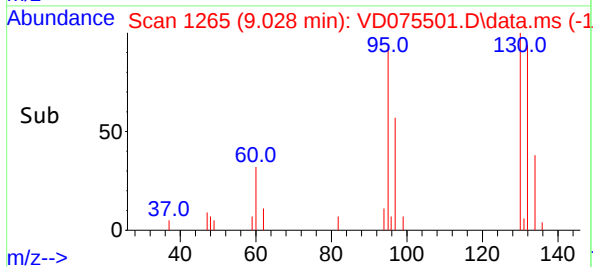
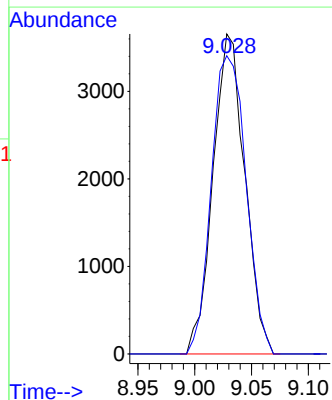
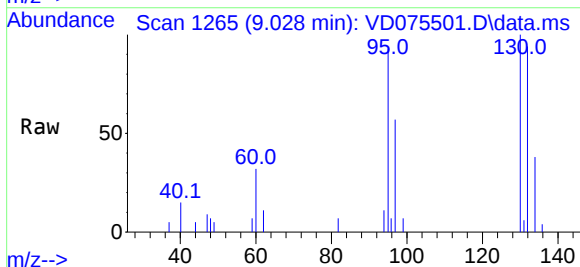
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

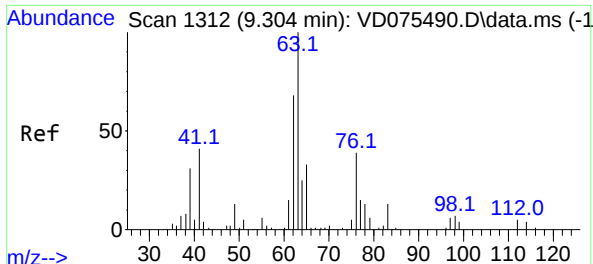
Tgt Ion:	43	Resp:	4356
Ion	Ratio	Lower	Upper
43	100		
61	23.7	23.4	35.0
87	17.7	9.5	14.3



#44
Trichloroethene
Concen: 4.756 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	130	Resp:	7119
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	197.6

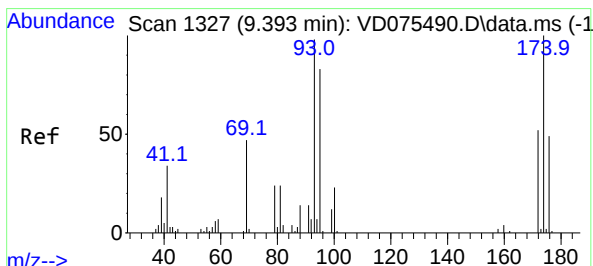
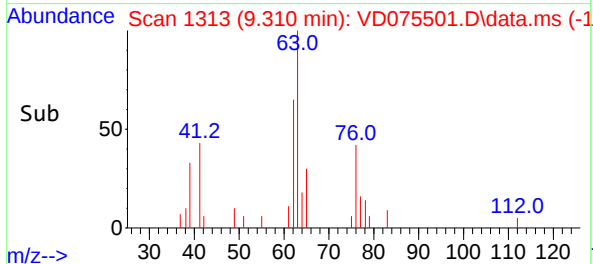
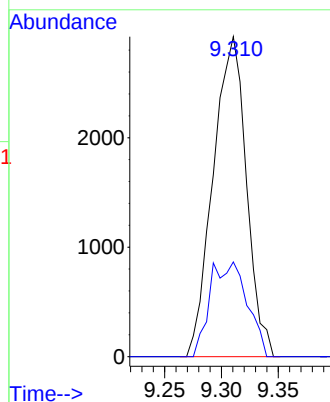
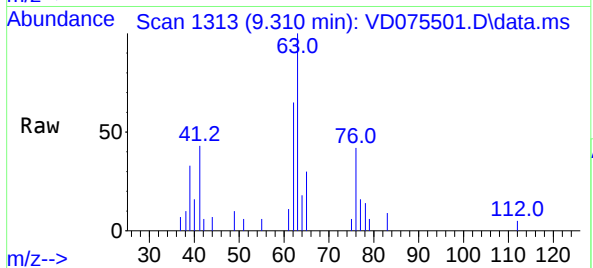




#45
1,2-Dichloropropane
Concen: 5.435 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

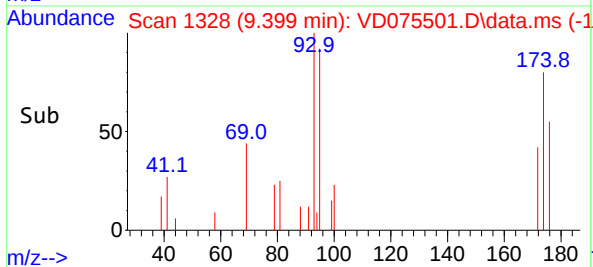
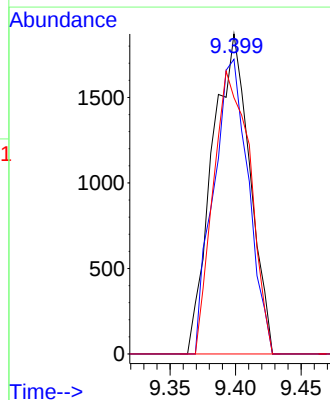
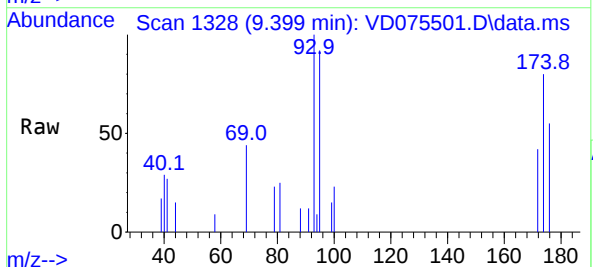
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

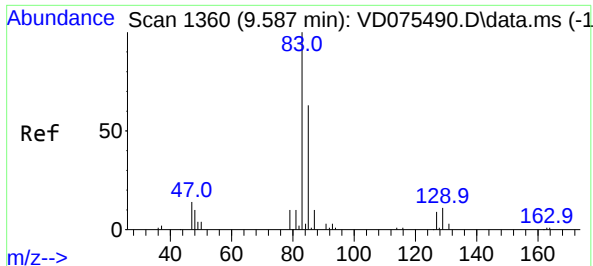
Tgt Ion: 63 Resp: 5951
Ion Ratio Lower Upper
63 100
65 29.6 23.0 34.4



#46
Dibromomethane
Concen: 5.536 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 93 Resp: 3736
Ion Ratio Lower Upper
93 100
95 85.3 64.5 96.7
174 86.6 76.2 114.4

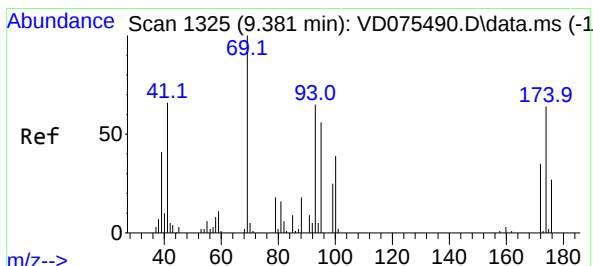
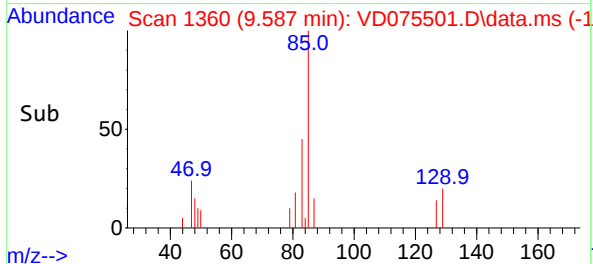
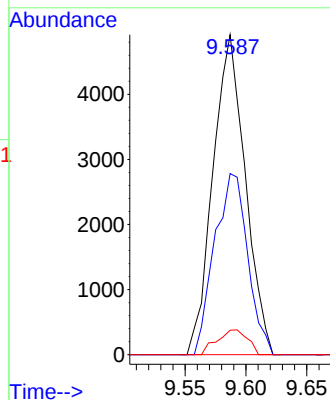
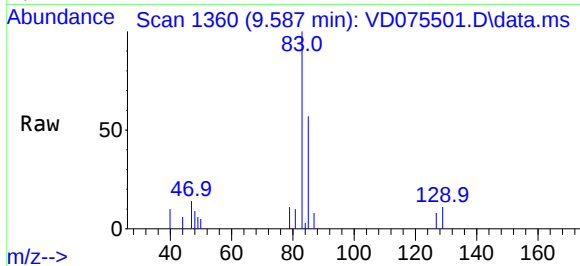




#47
Bromodichloromethane
Concen: 5.564 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

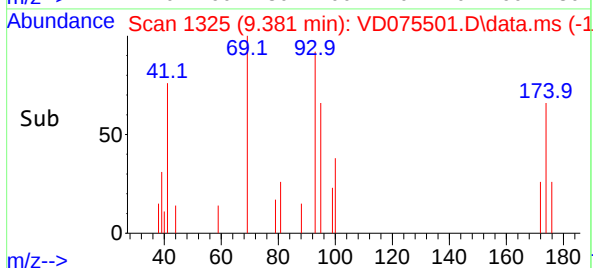
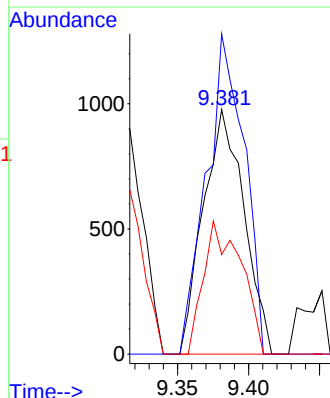
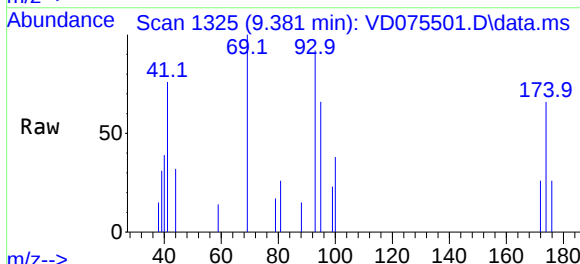
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

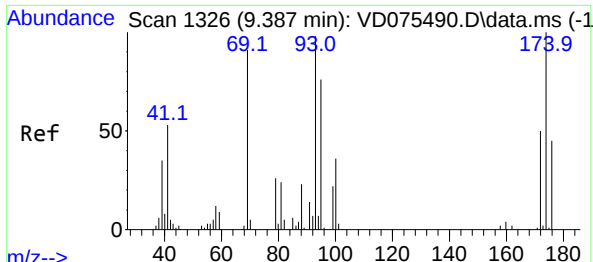
Tgt Ion: 83	Resp:	9092
Ion	Ratio	Lower Upper
83	100	
85	56.6	53.7 80.5
127	7.7	7.0 10.6



#48
Methyl methacrylate
Concen: 5.066 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 41	Resp:	1950
Ion	Ratio	Lower Upper
41	100	
69	121.8	58.6 88.0#
39	50.3	53.4 80.0#

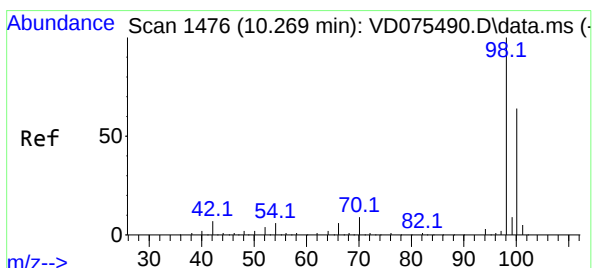
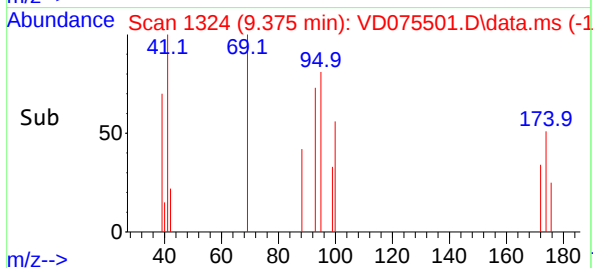
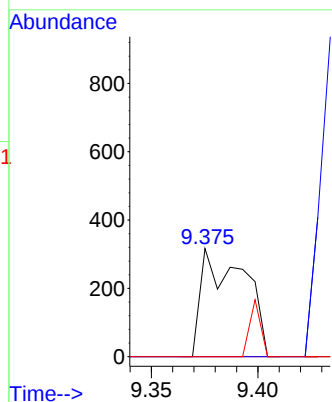
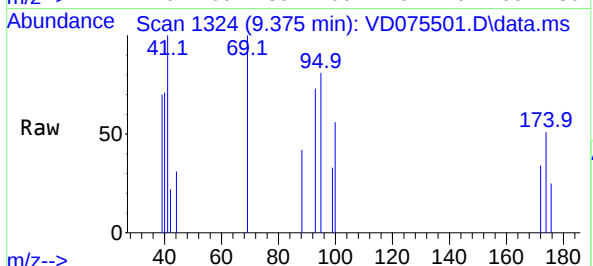




#49
1,4-Dioxane
Concen: 72.198 ug/l
RT: 9.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

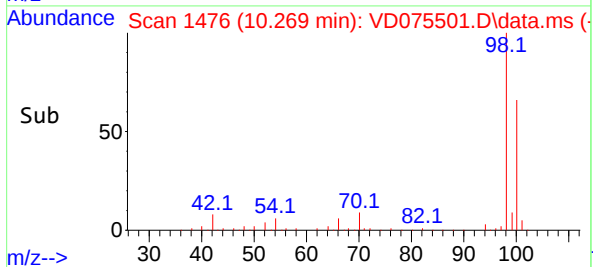
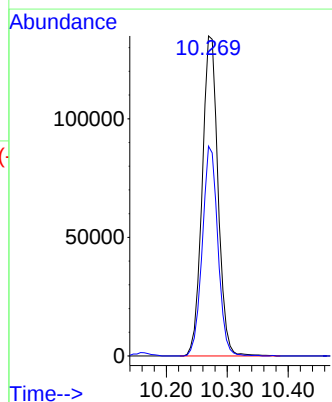
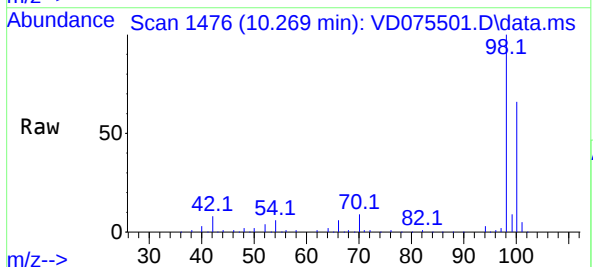
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

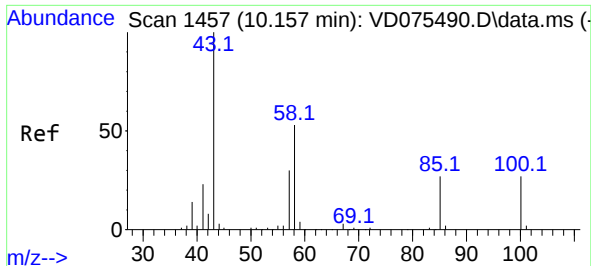
Tgt Ion: 88 Resp: 442
Ion Ratio Lower Upper
88 100
43 0.0 34.6 51.8#
58 0.0 58.0 87.0#



#50
Toluene-d8
Concen: 53.861 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 98 Resp: 244029
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

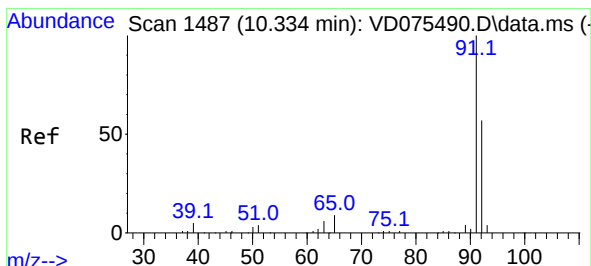
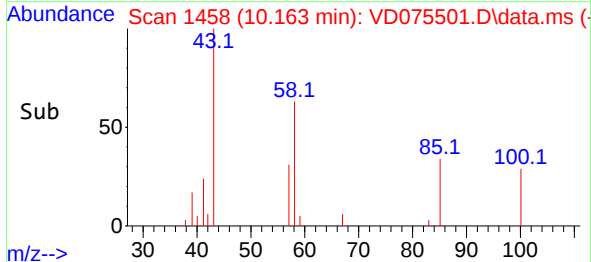
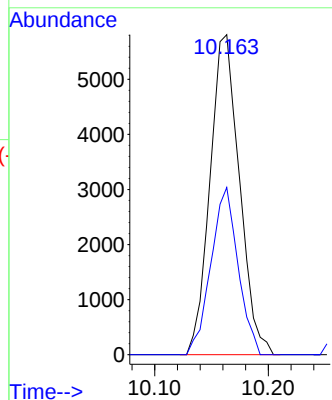
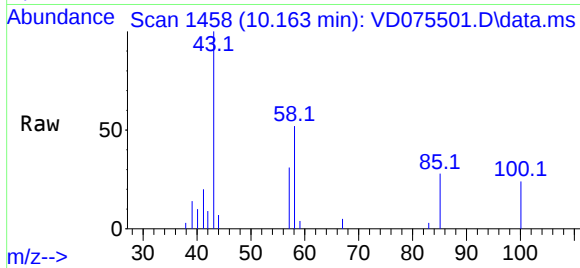




#51
4-Methyl-2-Pentanone
Concen: 24.562 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

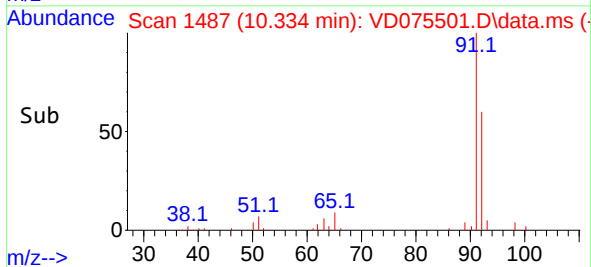
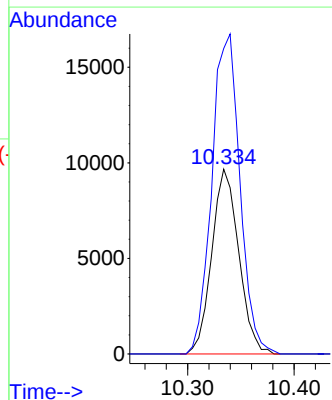
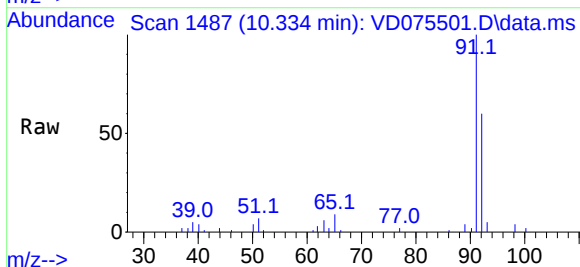
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

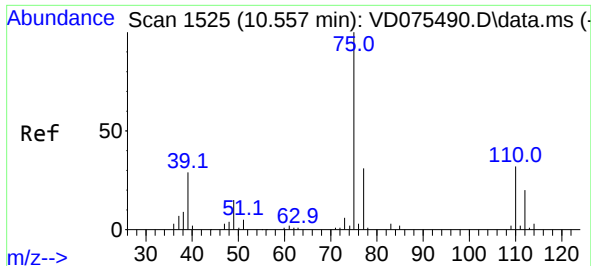
Tgt Ion: 43 Resp: 10467
Ion Ratio Lower Upper
43 100
58 48.1 29.5 44.3#



#52
Toluene
Concen: 5.151 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 92 Resp: 17003
Ion Ratio Lower Upper
92 100
91 180.4 136.5 204.7

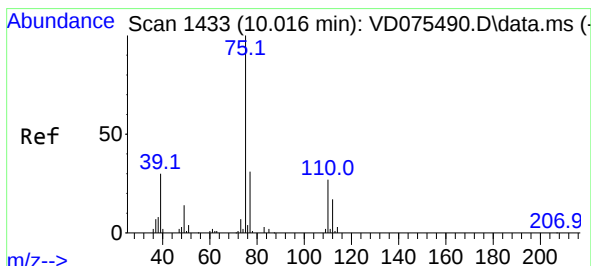
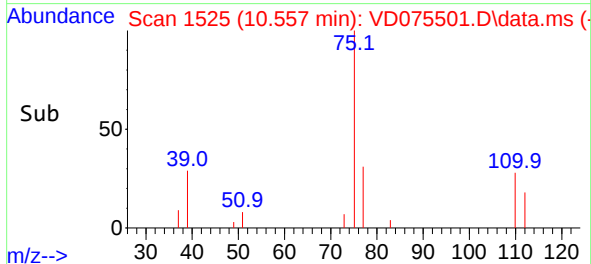
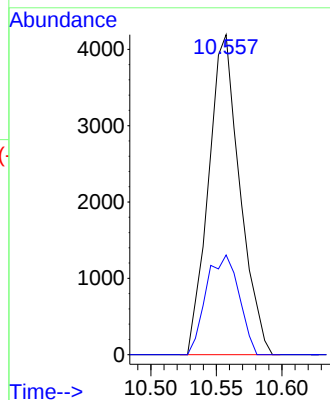
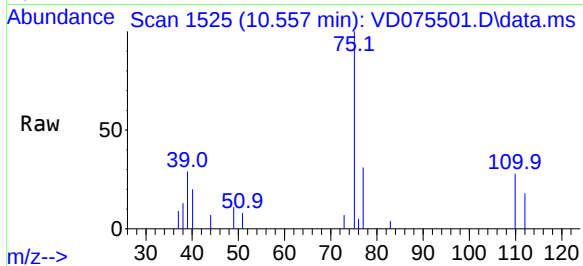




#53
t-1,3-Dichloropropene
Concen: 4.743 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

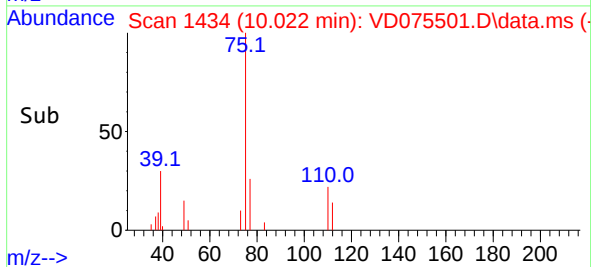
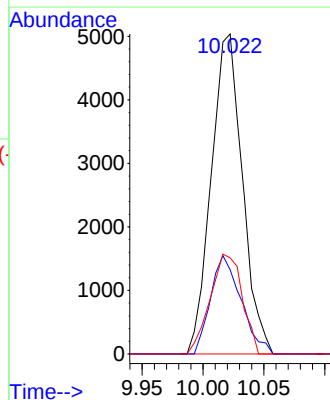
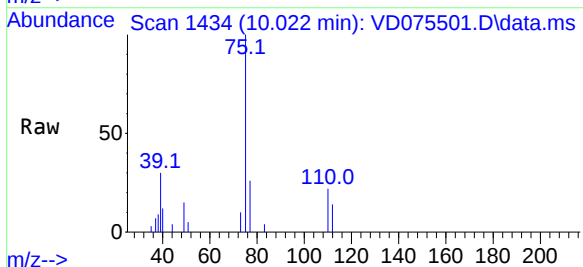
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

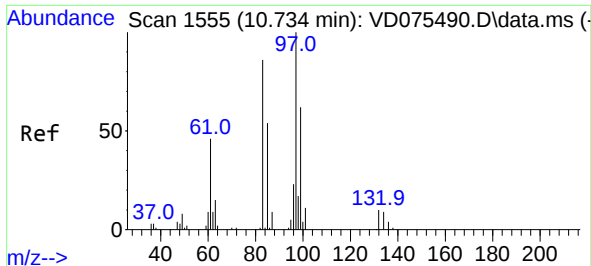
Tgt Ion: 75 Resp: 6972
Ion Ratio Lower Upper
75 100
77 31.1 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 4.966 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 75 Resp: 8965
Ion Ratio Lower Upper
75 100
77 26.4 25.6 38.4
39 30.0 44.8 67.2#

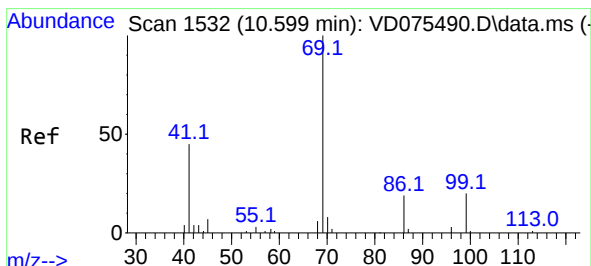
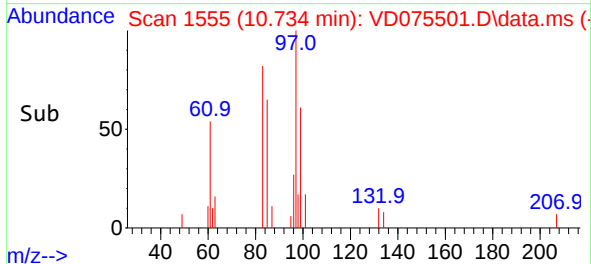
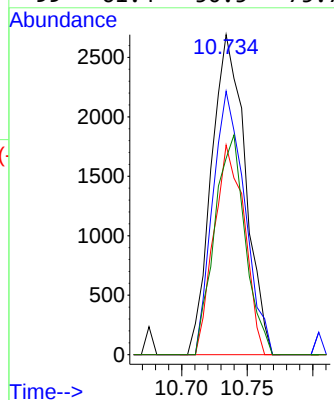
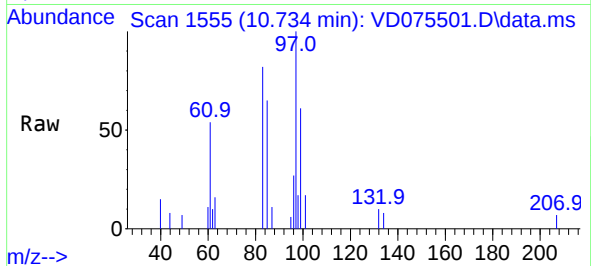




#55
1,1,2-Trichloroethane
Concen: 5.079 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

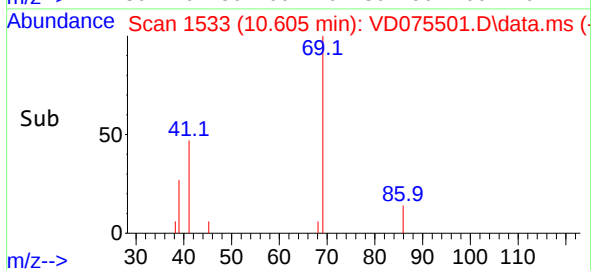
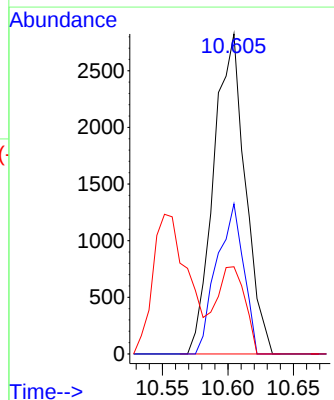
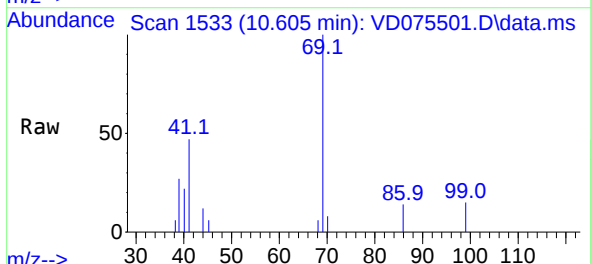
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

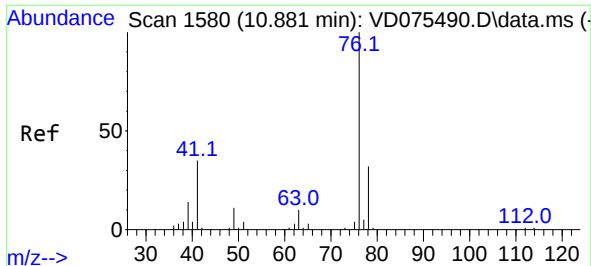
Tgt Ion:	97	Resp:	4852
Ion	Ratio	Lower	Upper
97	100		
83	82.3	74.2	111.4
85	65.5	45.4	68.0
99	61.4	50.5	75.7



#56
Ethyl methacrylate
Concen: 5.192 ug/l
RT: 10.605 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	69	Resp:	4723
Ion	Ratio	Lower	Upper
69	100		
41	40.1	59.3	88.9#
39	25.0	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 4.894 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

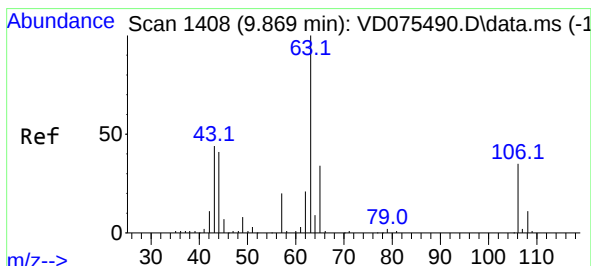
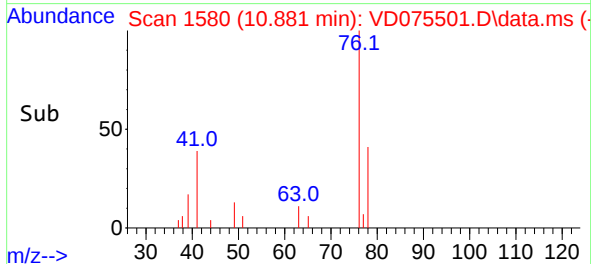
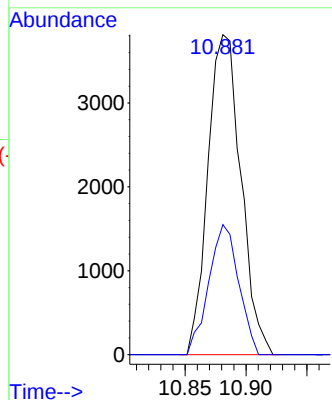
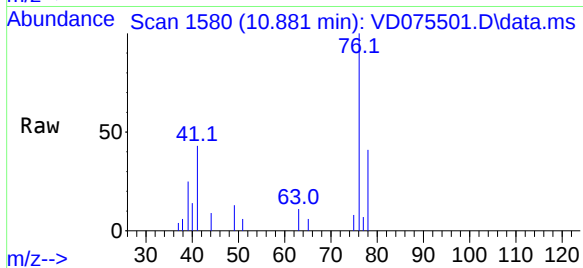
LOQ-SOIL-02-QT1-2023

Tgt Ion: 76 Resp: 7196

Ion Ratio Lower Upper

76 100

78 36.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 22.325 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075501.D

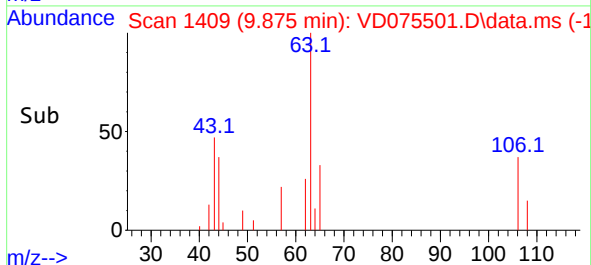
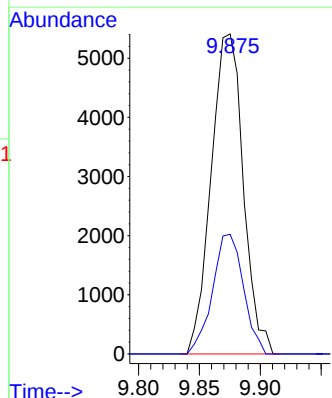
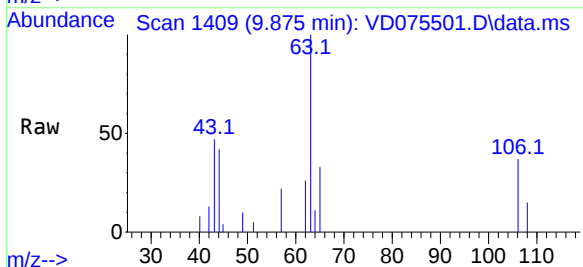
Acq: 10 Mar 2023 19:20

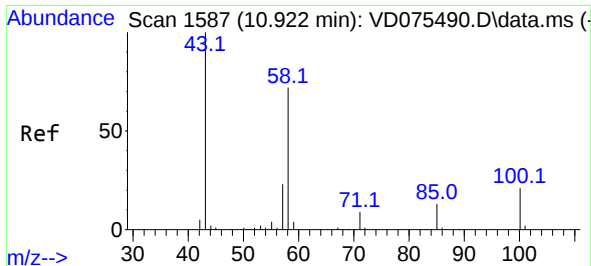
Tgt Ion: 63 Resp: 9939

Ion Ratio Lower Upper

63 100

106 35.9 21.4 32.2#

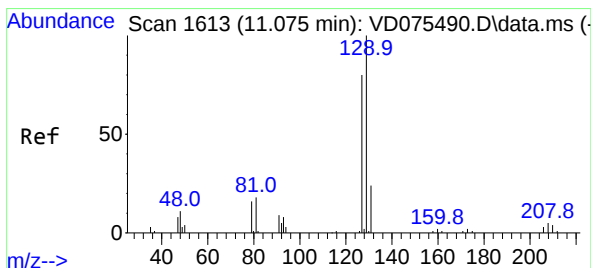
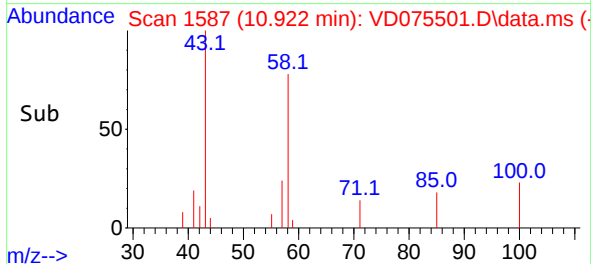
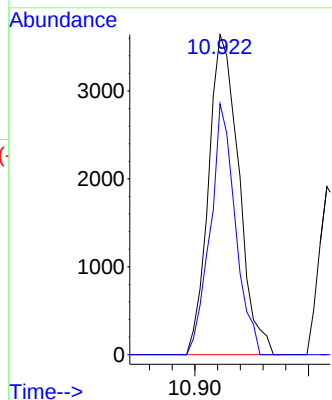
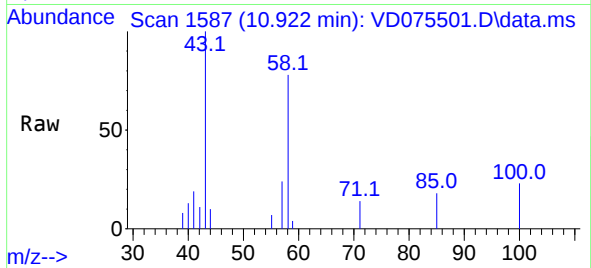




#59
2-Hexanone
Concen: 22.328 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

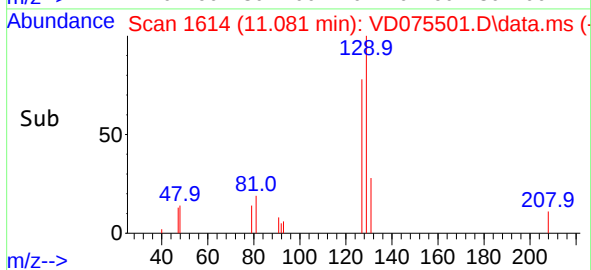
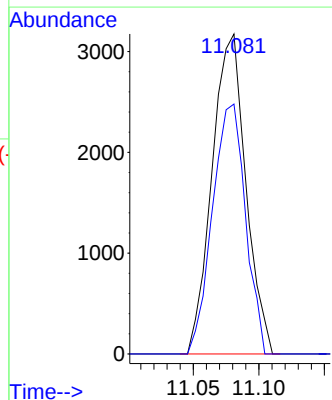
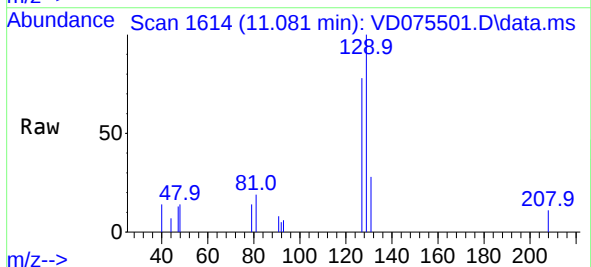
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

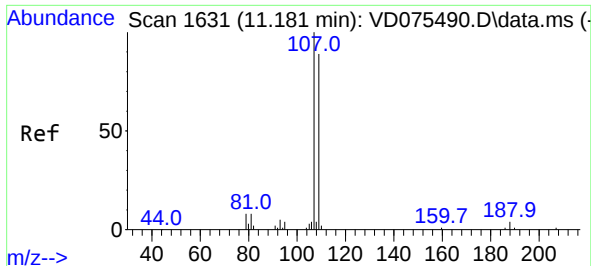
Tgt Ion: 43 Resp: 6729
Ion Ratio Lower Upper
43 100
58 65.1 25.3 75.8



#60
Dibromochloromethane
Concen: 5.035 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 129 Resp: 5683
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.5

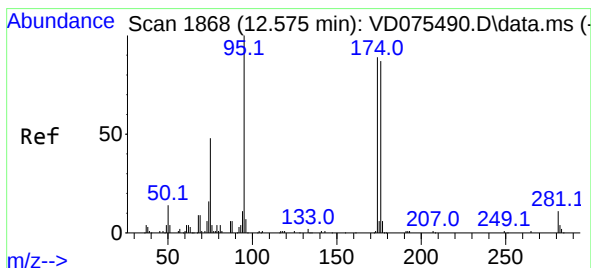
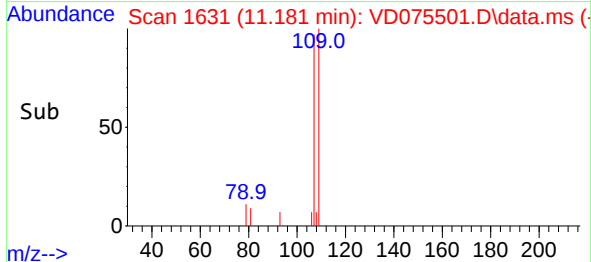
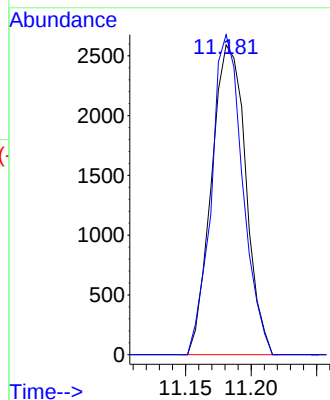
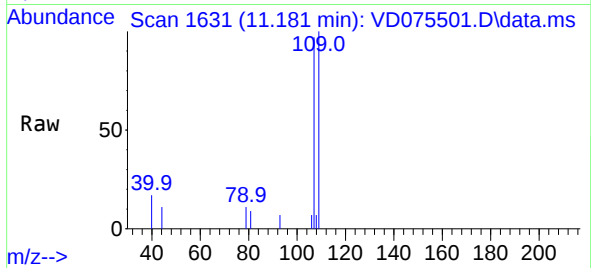




#61
1,2-Dibromoethane
Concen: 5.230 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

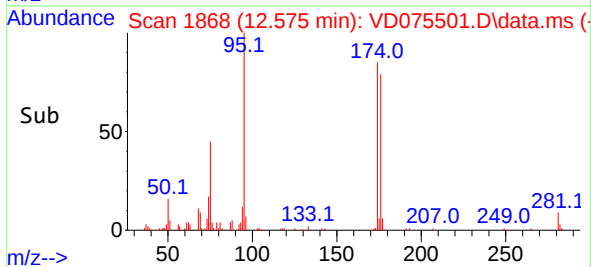
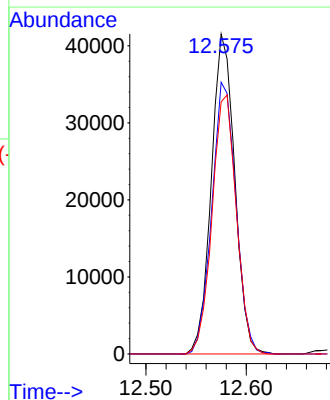
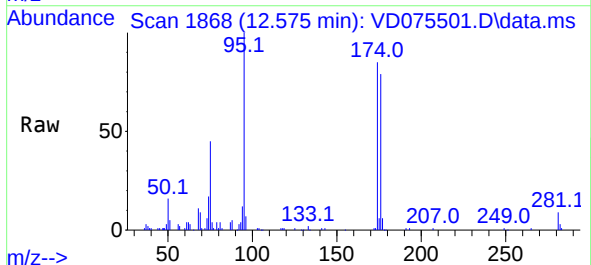
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

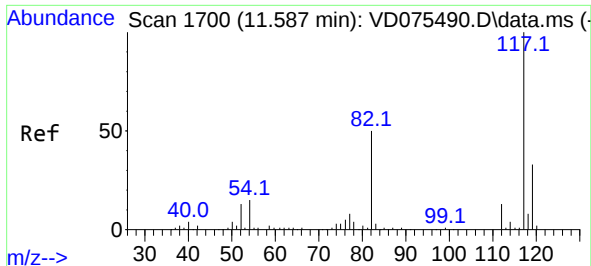
Tgt Ion:107 Resp: 4706
Ion Ratio Lower Upper
107 100
109 94.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 51.397 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 95 Resp: 67317
Ion Ratio Lower Upper
95 100
174 87.6 0.0 164.0
176 83.7 0.0 156.8

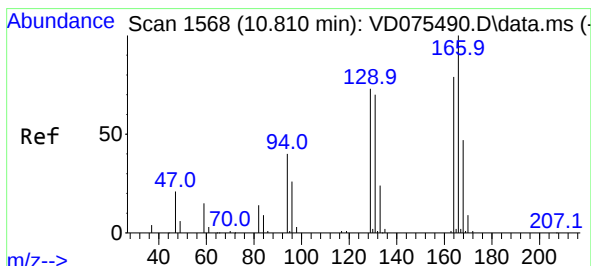
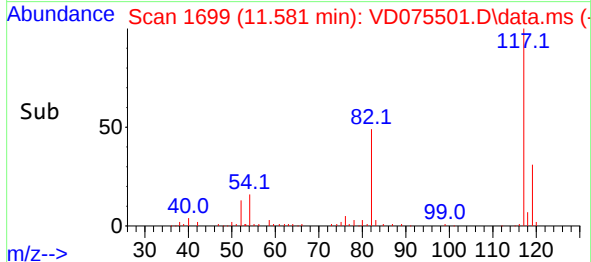
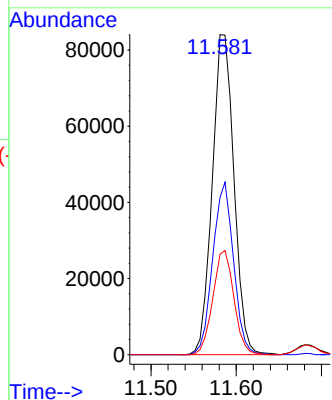
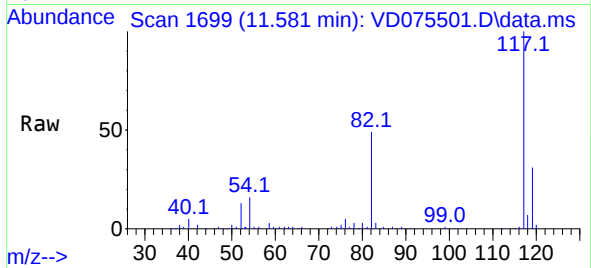




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

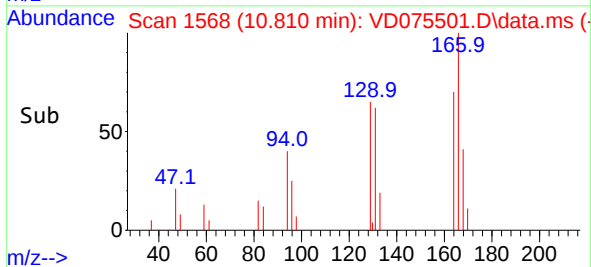
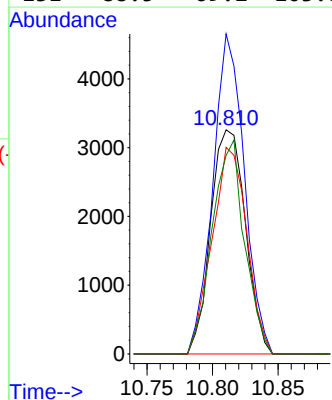
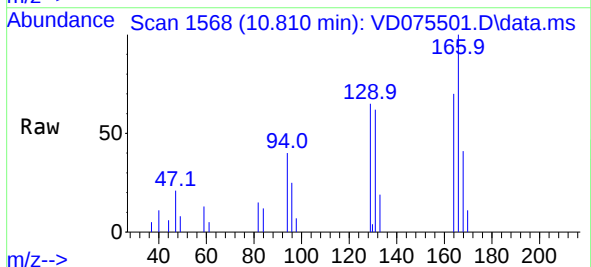
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

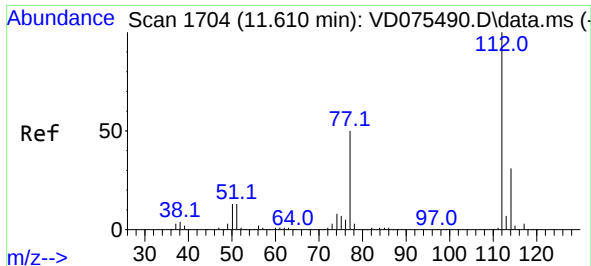
Tgt Ion:	117	Resp:	148789
Ion	Ratio	Lower	Upper
117	100		
82	49.1	44.0	66.0
119	31.4	25.1	37.7



#64
Tetrachloroethene
Concen: 5.114 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	164	Resp:	6005
Ion	Ratio	Lower	Upper
164	100		
166	142.7	94.9	142.3
129	92.1	73.0	109.6
131	88.5	69.2	103.8

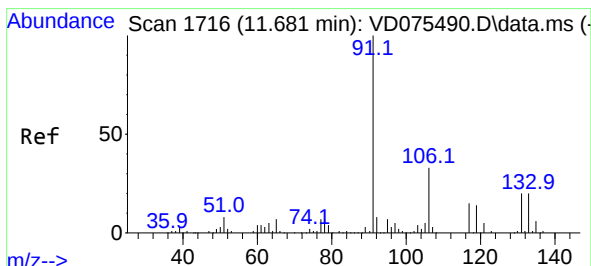
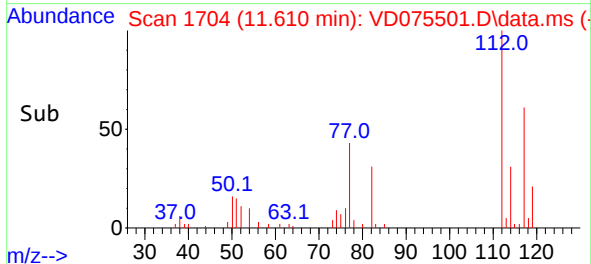
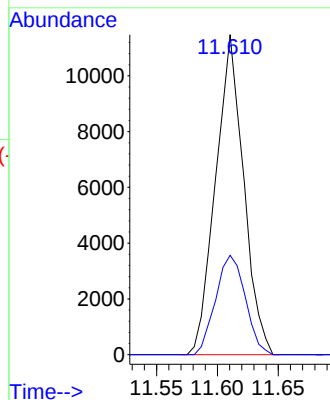
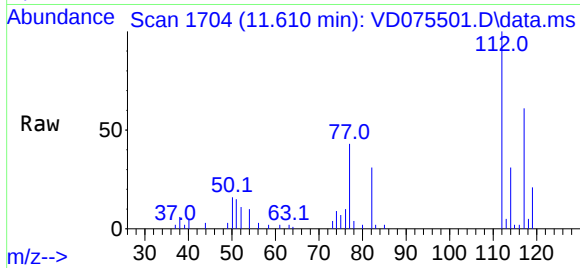




#65
Chlorobenzene
Concen: 5.201 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

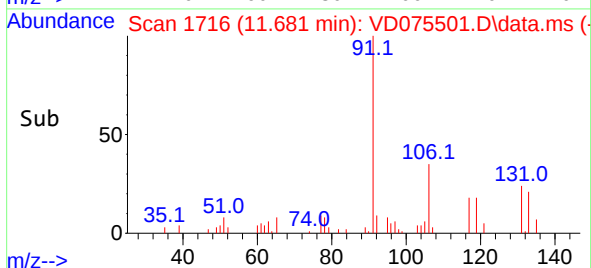
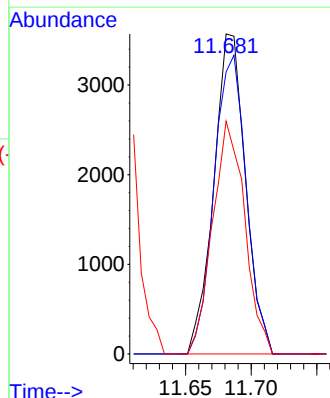
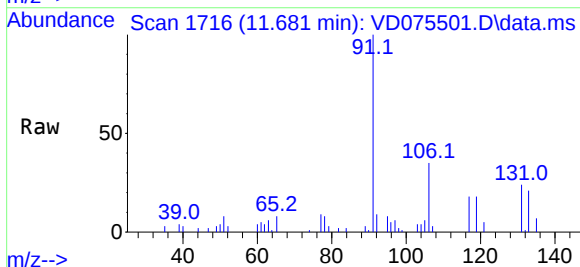
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

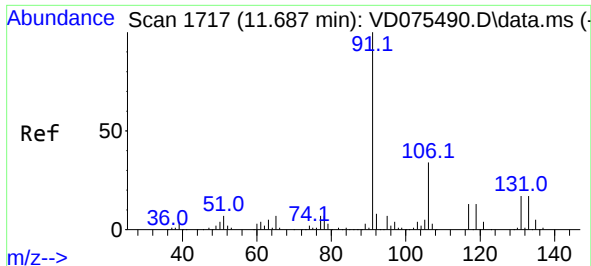
Tgt Ion:112 Resp: 18353
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.975 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:131 Resp: 6014
Ion Ratio Lower Upper
131 100
133 95.0 46.7 140.0
119 73.5 31.9 95.9

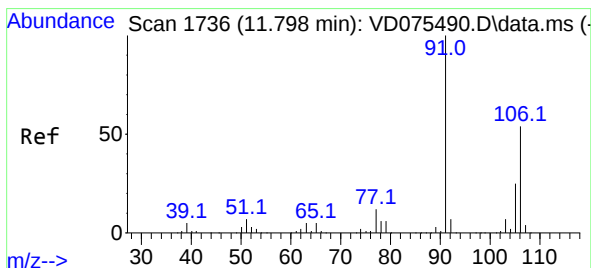
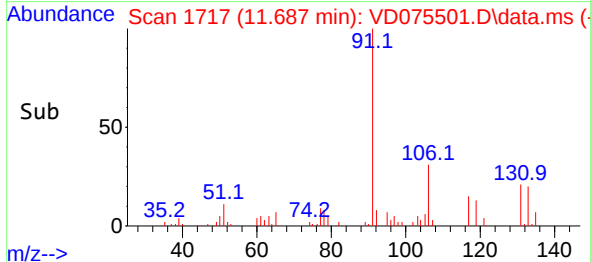
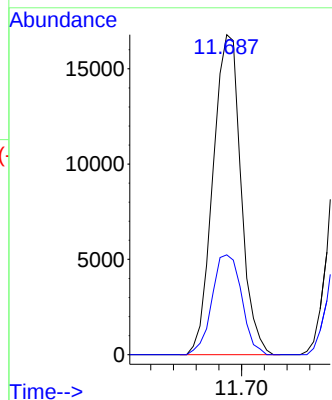
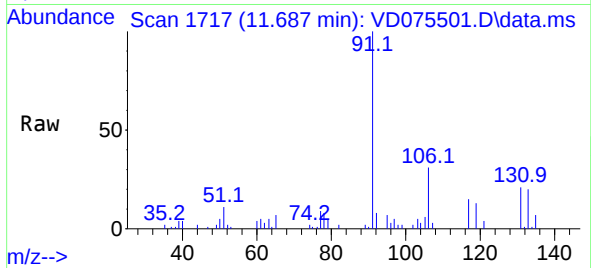




#67
Ethyl Benzene
Concen: 4.725 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

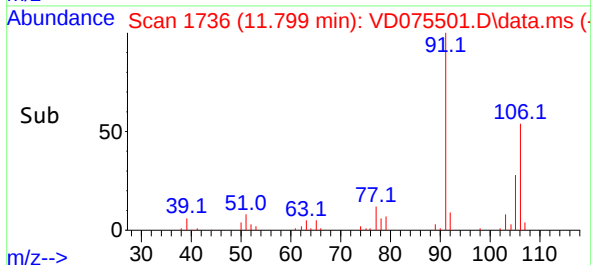
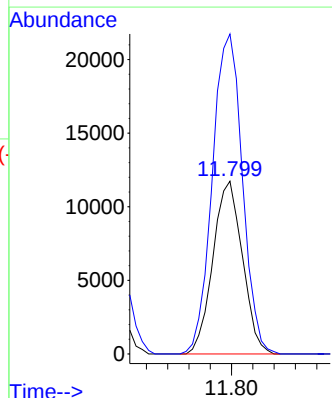
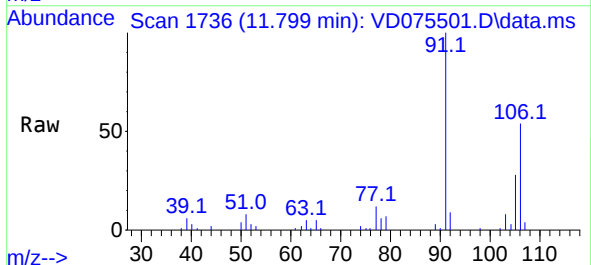
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

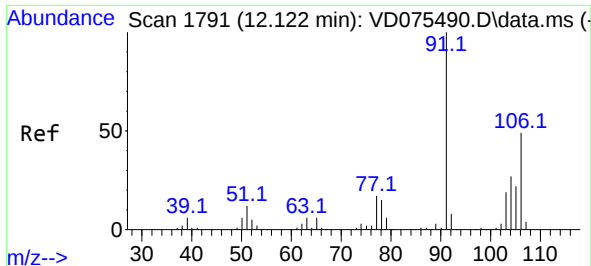
Tgt Ion: 91 Resp: 28716
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 9.236 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 106 Resp: 22558
Ion Ratio Lower Upper
106 100
91 188.8 161.5 242.3

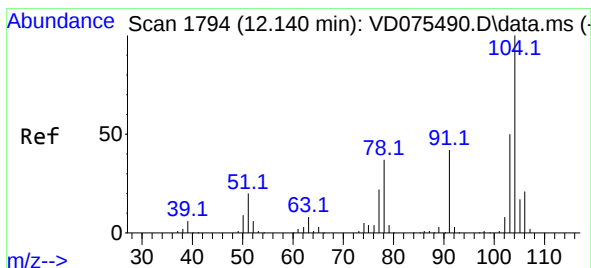
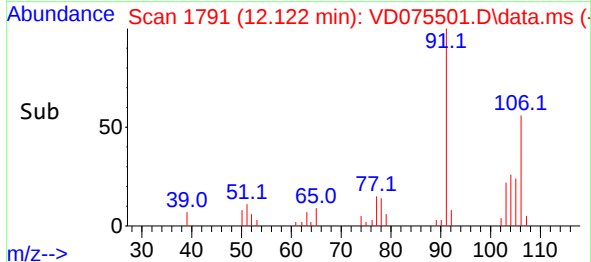
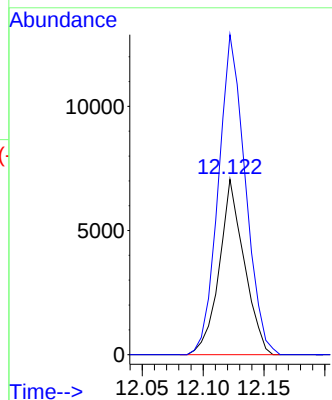
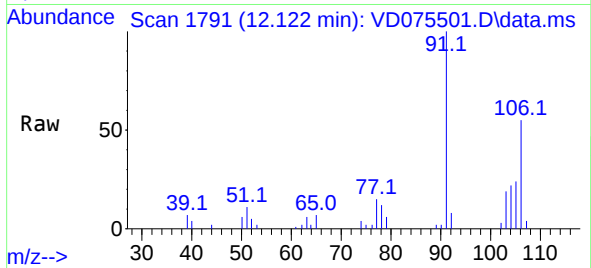




#69
o-Xylene
Concen: 4.439 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

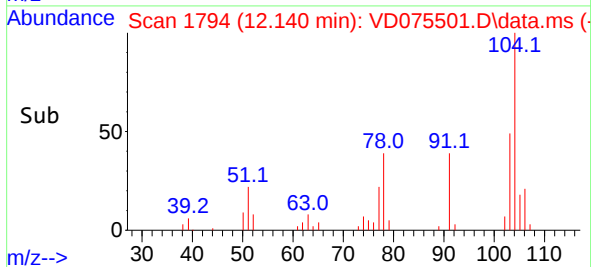
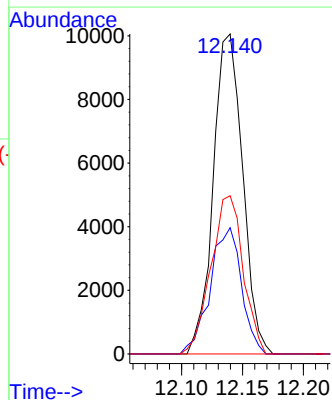
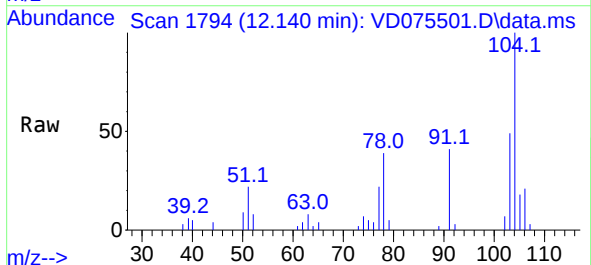
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

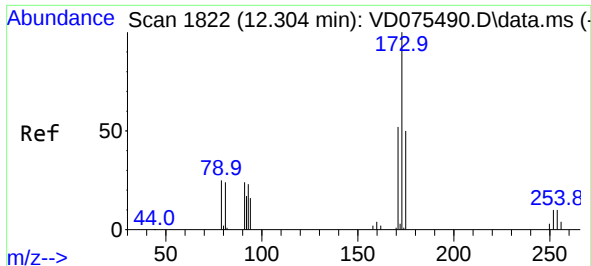
Tgt Ion:106 Resp: 10069
Ion Ratio Lower Upper
106 100
91 197.2 105.7 317.1



#70
Styrene
Concen: 4.475 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:104 Resp: 16887
Ion Ratio Lower Upper
104 100
78 42.0 40.2 60.4
103 54.1 44.2 66.2

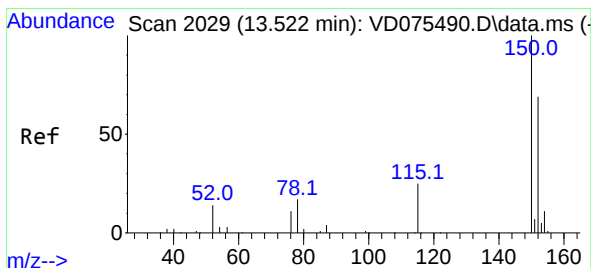
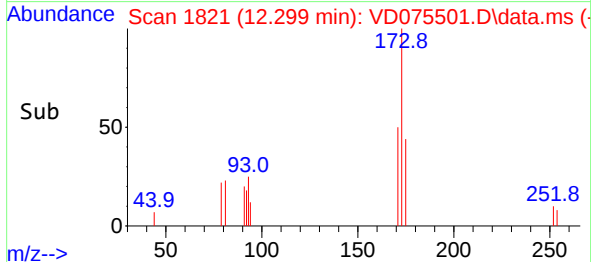
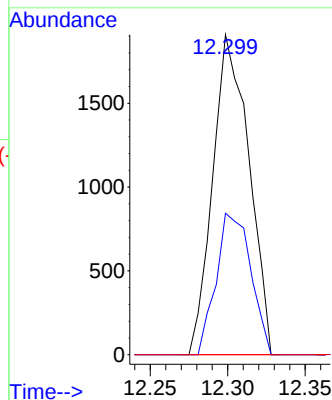
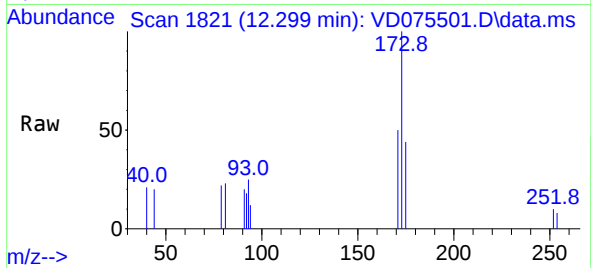




#71
Bromoform
Concen: 5.009 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

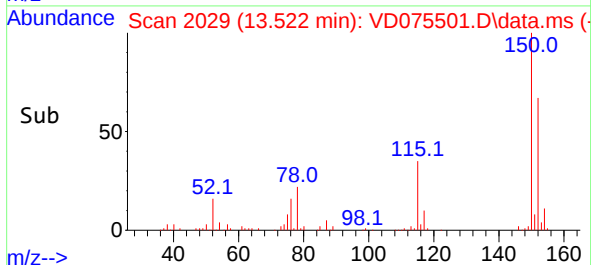
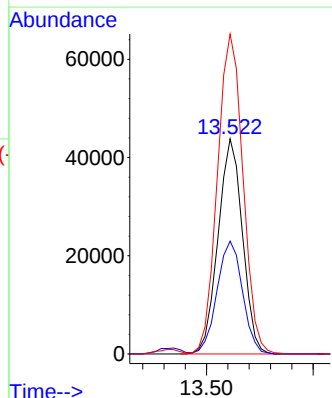
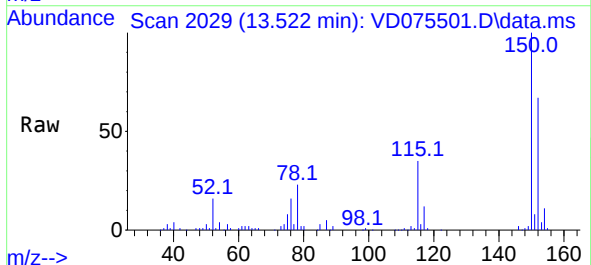
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

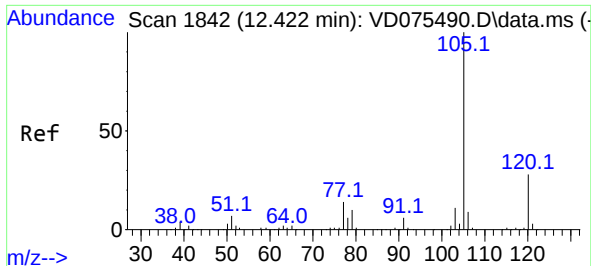
Tgt Ion:173 Resp: 3092
Ion Ratio Lower Upper
173 100
175 42.3 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:152 Resp: 69536
Ion Ratio Lower Upper
152 100
115 54.7 30.1 90.3
150 155.9 0.0 364.8

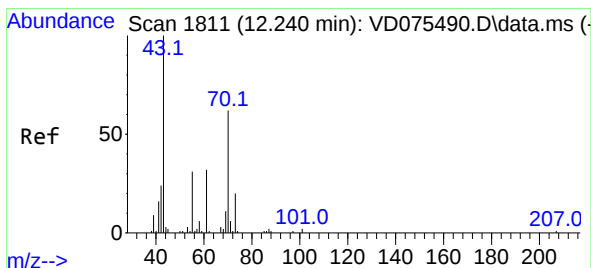
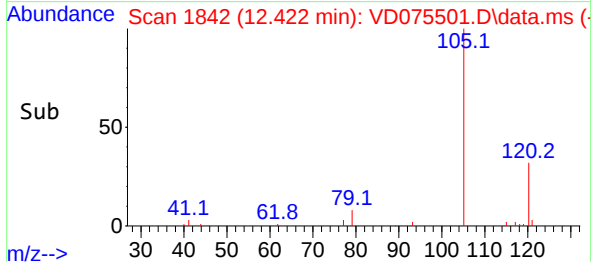
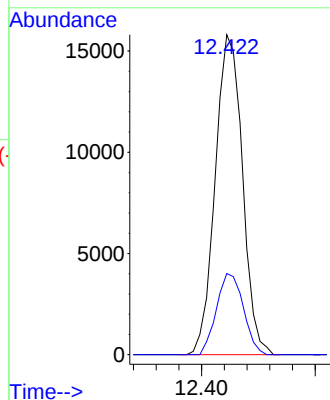
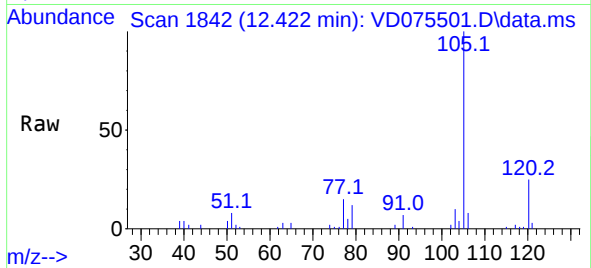




#73
Isopropylbenzene
Concen: 4.721 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

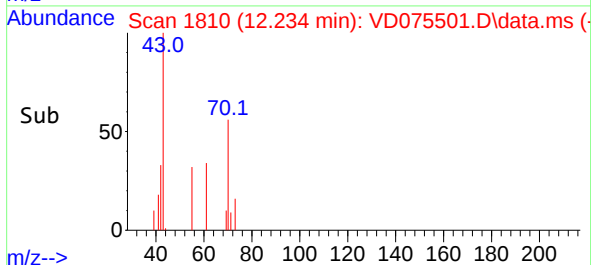
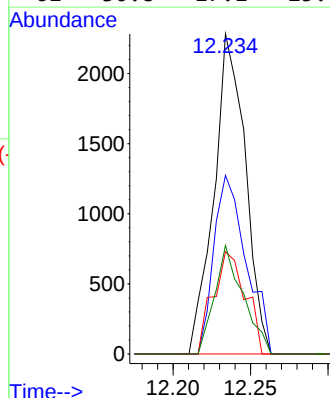
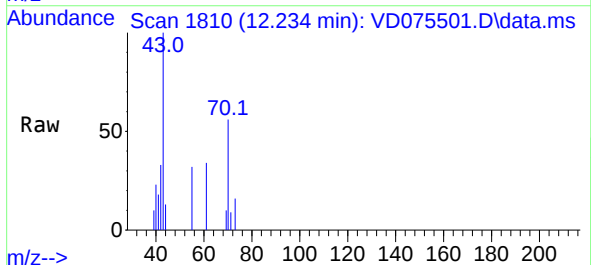
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

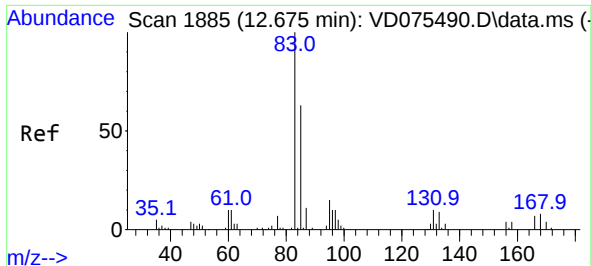
Tgt Ion:105 Resp: 26289
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1



#74
N-ethyl acetate
Concen: 4.664 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 43 Resp: 3217
Ion Ratio Lower Upper
43 100
70 57.4 31.0 46.4#
55 32.9 18.6 28.0#
61 30.8 17.1 25.7#

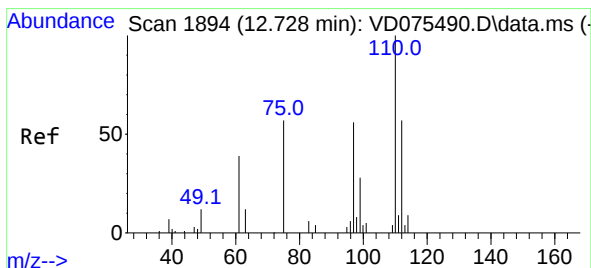
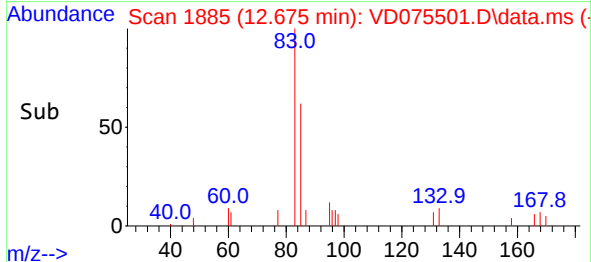
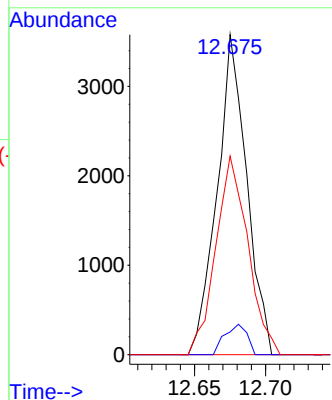
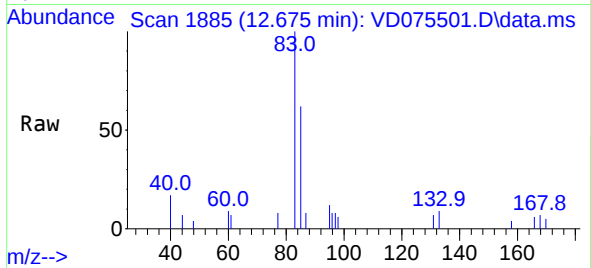




#75
1,1,2,2-Tetrachloroethane
Concen: 5.492 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

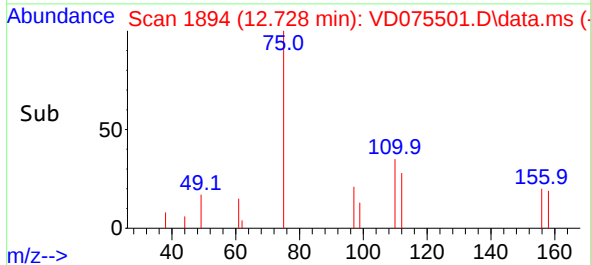
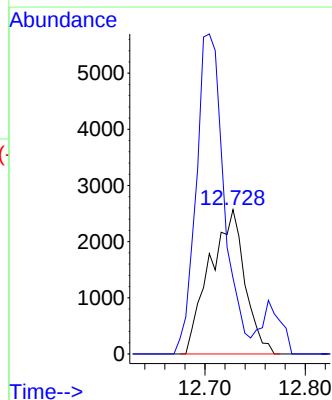
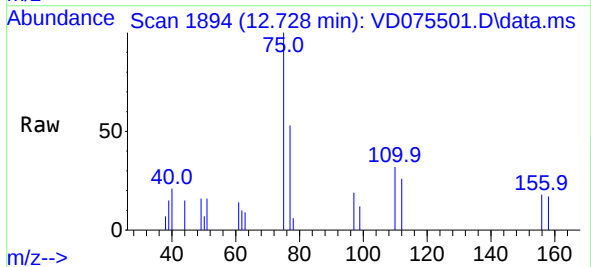
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

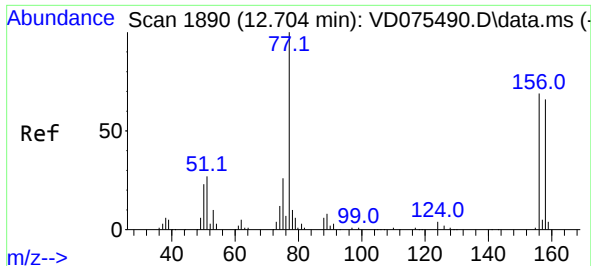
Tgt Ion: 83 Resp: 5187
Ion Ratio Lower Upper
83 100
131 7.1 5.1 15.2
85 67.5 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 10.942 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 75 Resp: 6240
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

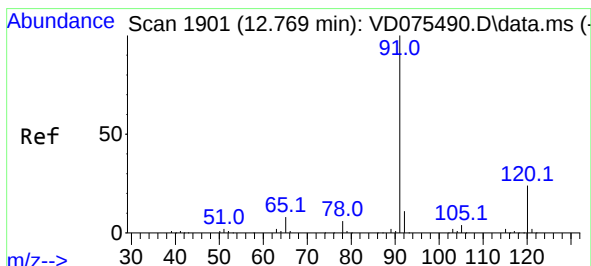
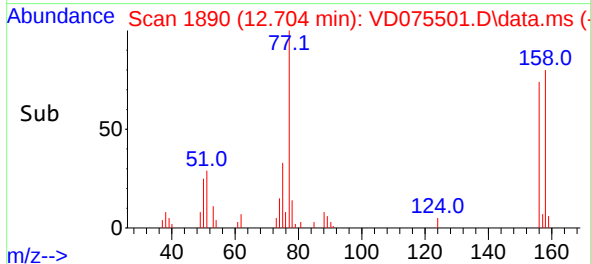
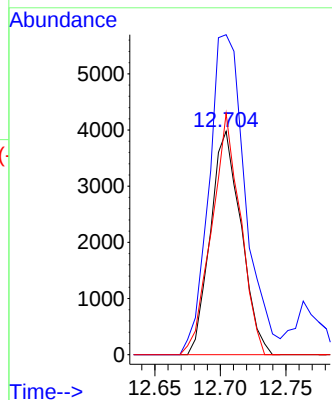
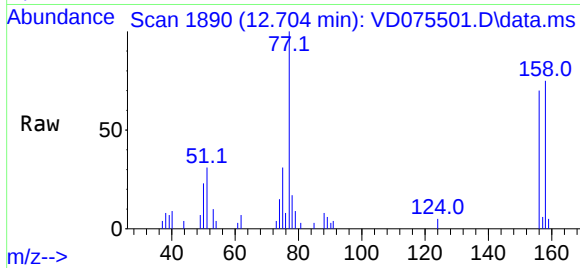




#77
Bromobenzene
Concen: 4.902 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

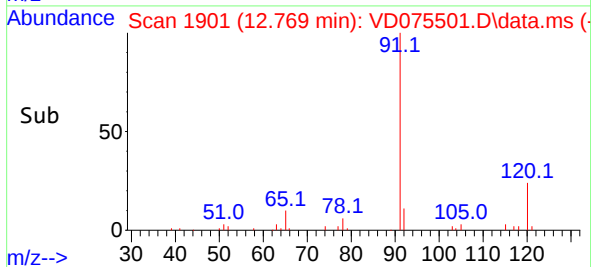
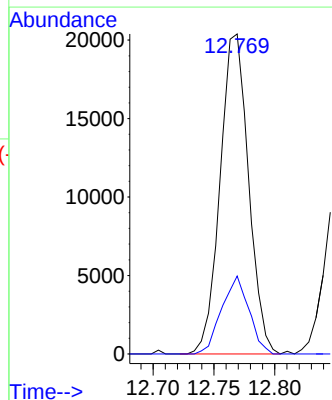
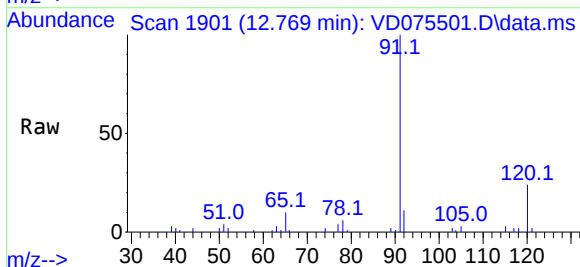
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

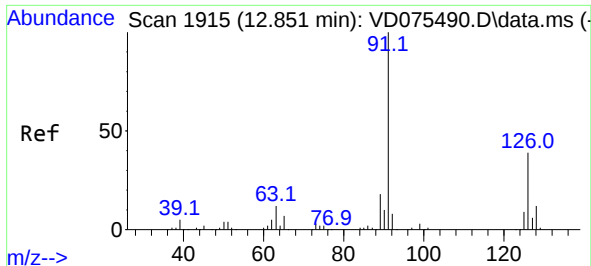
Tgt Ion:	156	Resp:	6490
Ion	Ratio	Lower	Upper
156	100		
77	170.3	89.5	268.6
158	101.0	47.8	143.4



#78
n-propylbenzene
Concen: 4.904 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	91	Resp:	33182
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.2

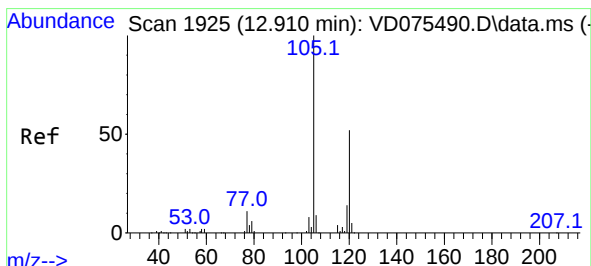
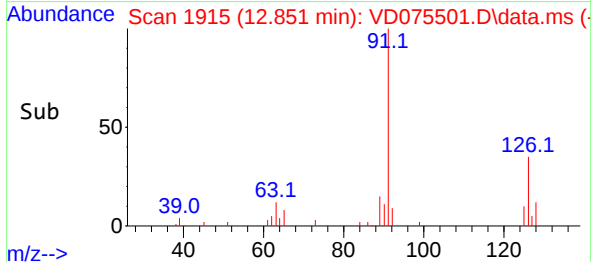
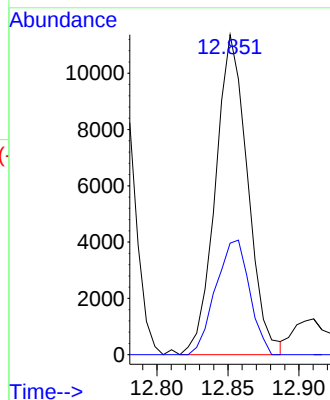
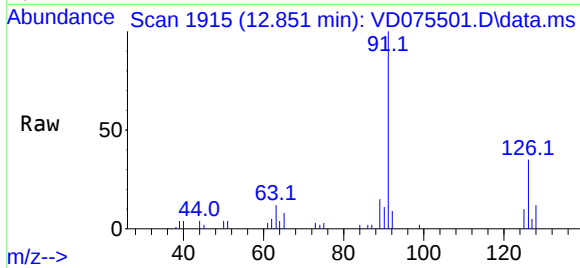




#79
2-Chlorotoluene
Concen: 4.892 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

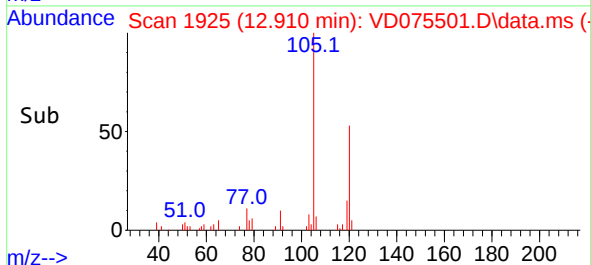
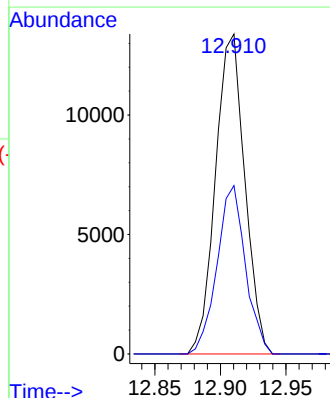
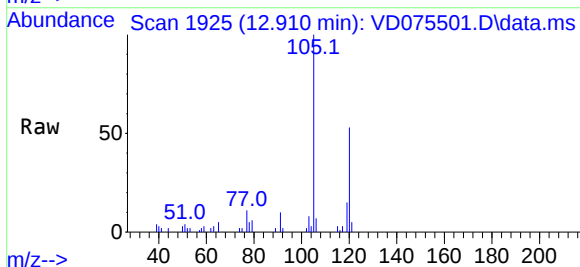
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

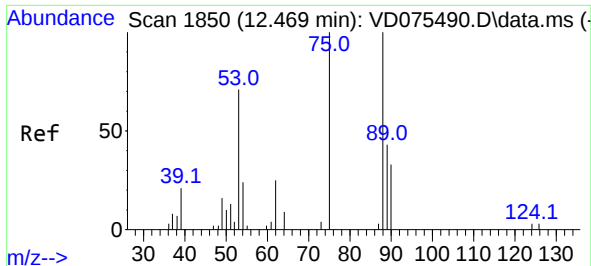
Tgt Ion: 91 Resp: 17936
Ion Ratio Lower Upper
91 100
126 37.6 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 4.559 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 105 Resp: 20820
Ion Ratio Lower Upper
105 100
120 51.0 24.3 72.8

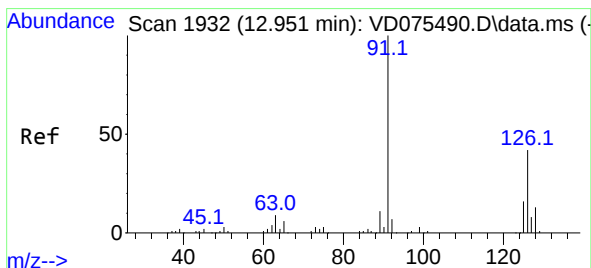
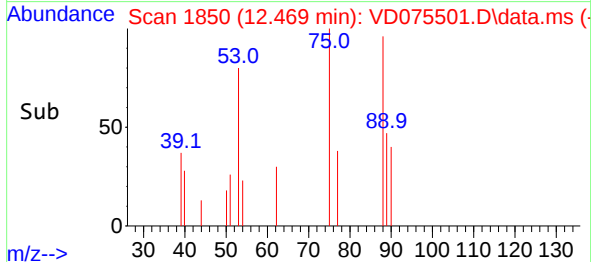
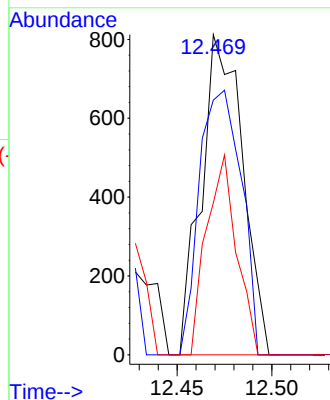
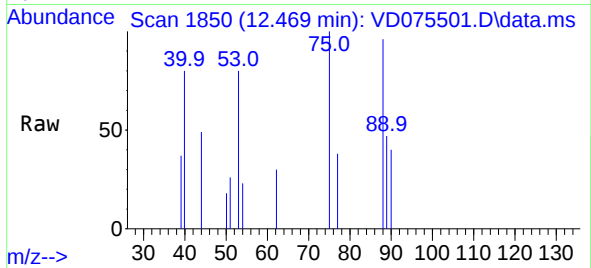




#81
trans-1,4-Dichloro-2-butene
Concen: 4.544 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

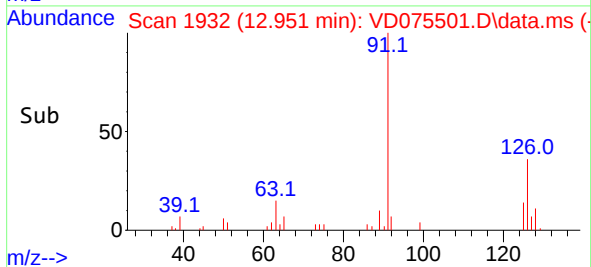
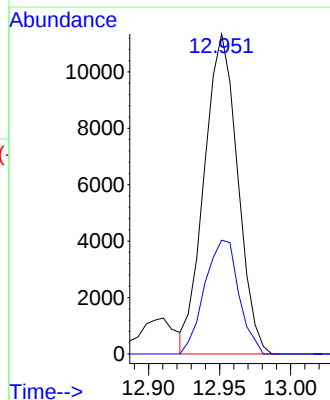
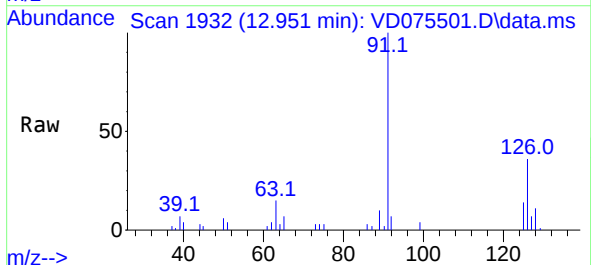
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

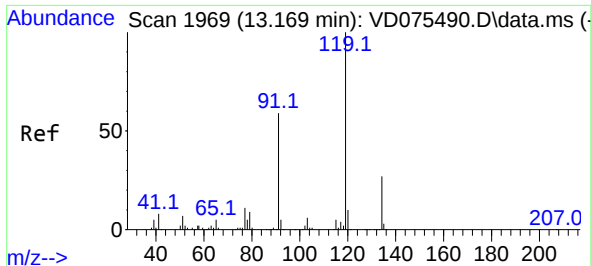
Tgt Ion: 75 Resp: 1232
Ion Ratio Lower Upper
75 100
53 84.1 90.5 135.7#
89 45.6 40.2 60.4



#82
4-Chlorotoluene
Concen: 4.907 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion: 91 Resp: 18565
Ion Ratio Lower Upper
91 100
126 36.3 17.1 51.2

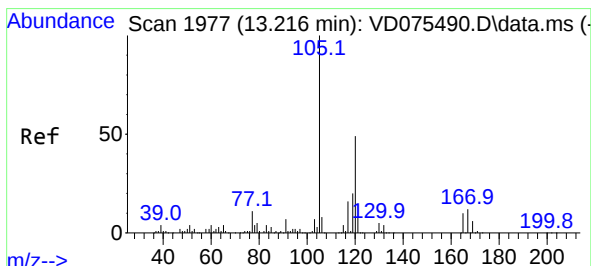
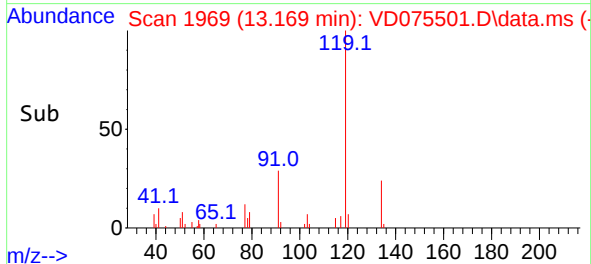
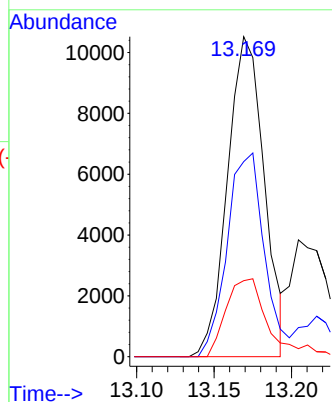
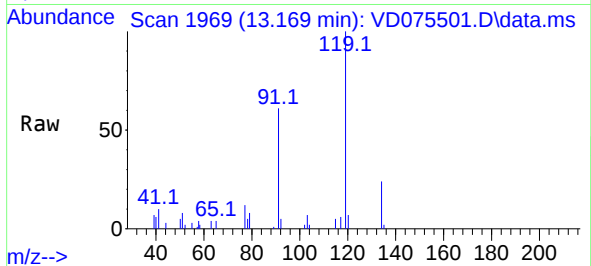




#83
tert-Butylbenzene
Concen: 4.371 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

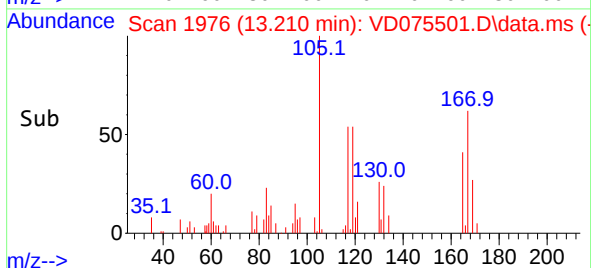
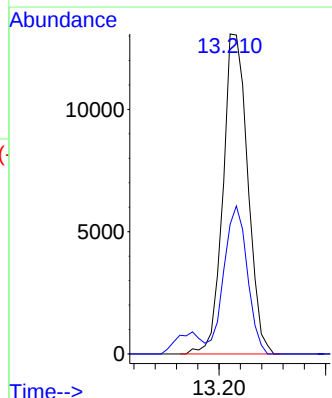
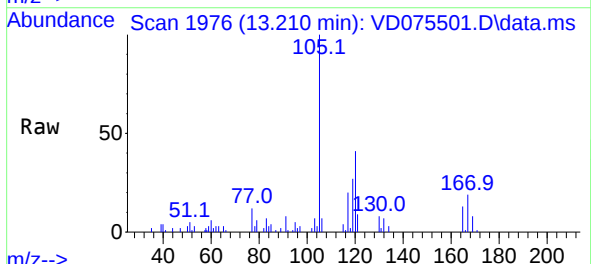
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2023

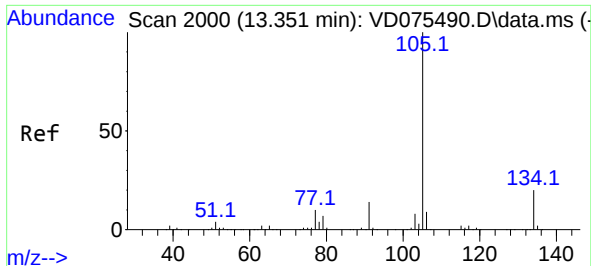
Tgt Ion:	119	Resp:	17348
Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.4	97.0
134	27.8	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 4.776 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	105	Resp:	21078
Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.3	66.9

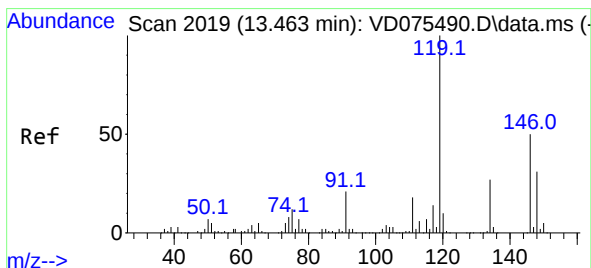
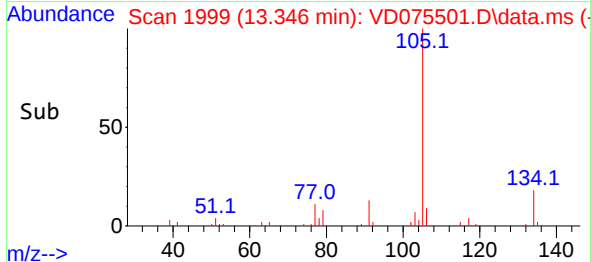
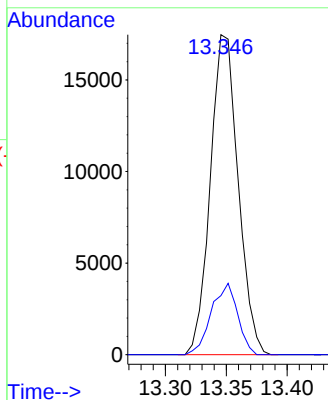
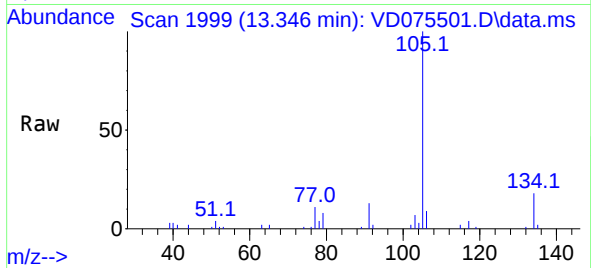




#85
 sec-Butylbenzene
 Concen: 4.522 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075501.D
 Acq: 10 Mar 2023 19:20

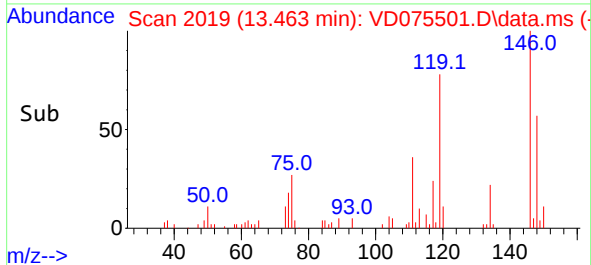
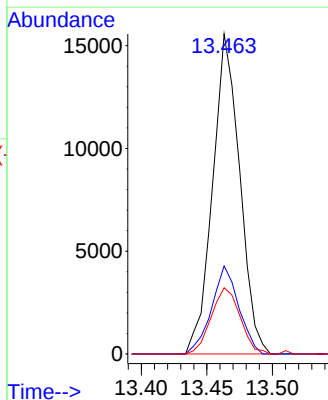
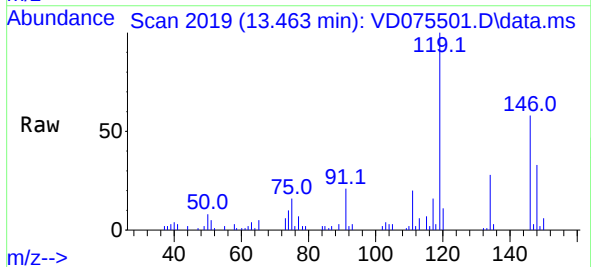
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

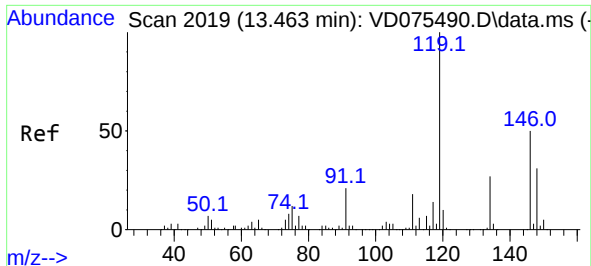
Tgt Ion:105 Resp: 27785
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 4.448 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075501.D
 Acq: 10 Mar 2023 19:20

Tgt Ion:119 Resp: 22334
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 22.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 4.886 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2023

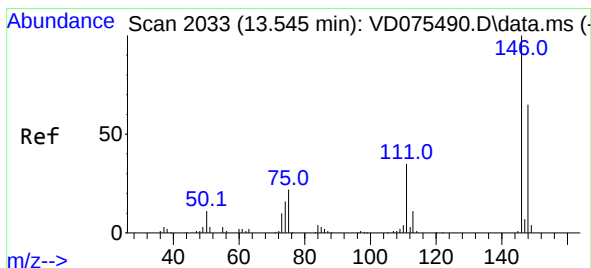
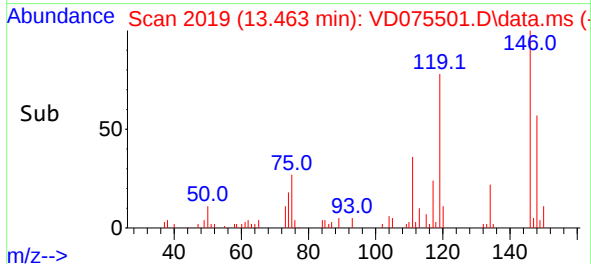
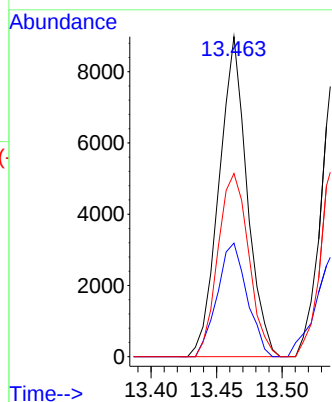
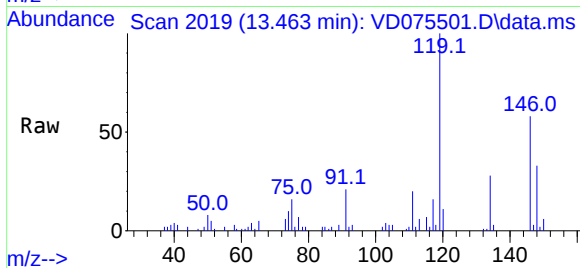
Tgt Ion:146 Resp: 13372

Ion Ratio Lower Upper

146 100

111 37.8 19.8 59.3

148 62.7 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 5.267 ug/l

RT: 13.546 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

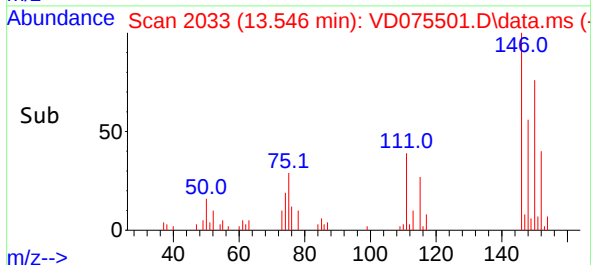
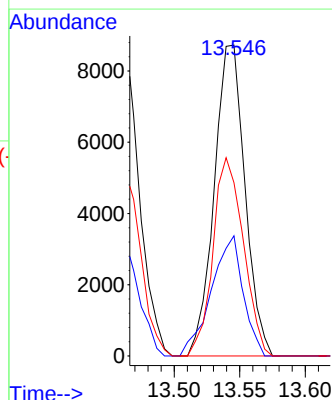
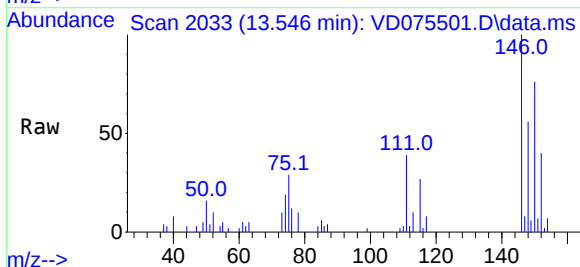
Tgt Ion:146 Resp: 14257

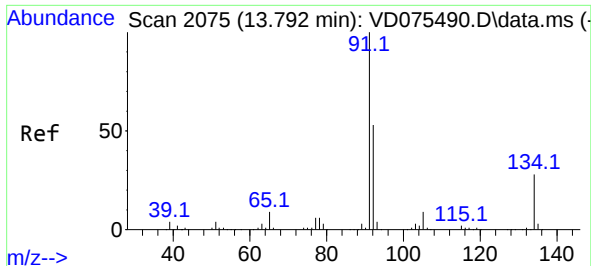
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

148 63.0 31.7 95.1

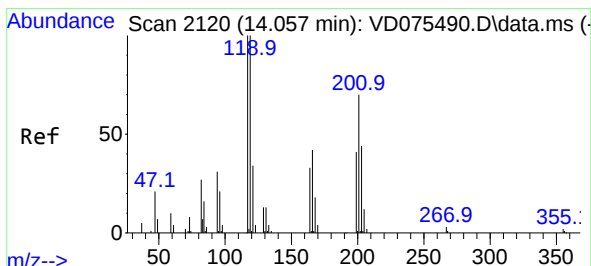
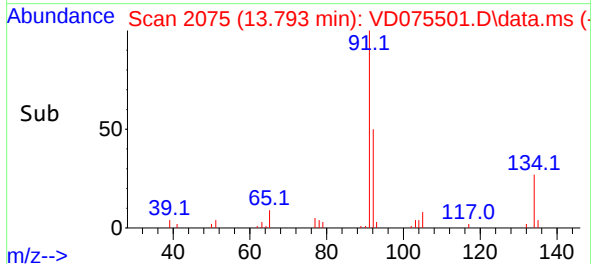
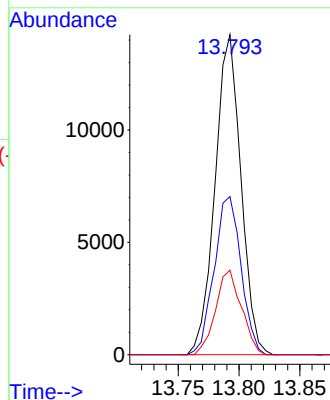
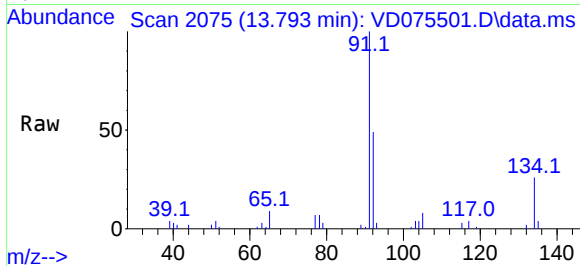




#89
n-Butylbenzene
Concen: 4.576 ug/l
RT: 13.793 min Scan# 21070
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

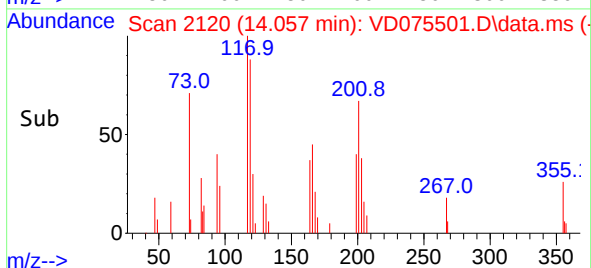
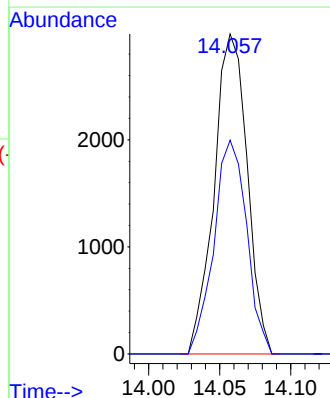
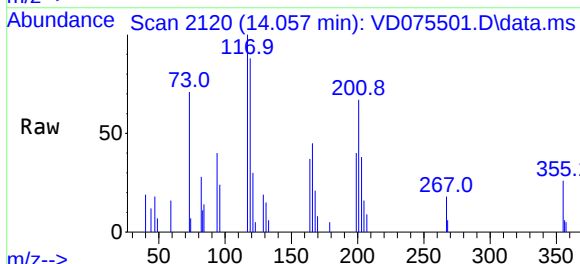
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

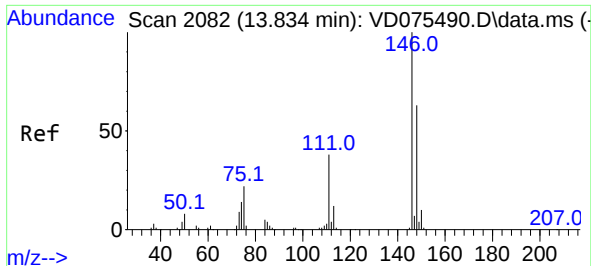
Tgt Ion:	91	Resp:	21070
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.2	78.5
134	26.4	12.7	38.0



#90
Hexachloroethane
Concen: 4.999 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	117	Resp:	4846
Ion	Ratio	Lower	Upper
117	100		
201	66.1	34.5	103.6





#91

1,2-Dichlorobenzene

Concen: 5.143 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2023

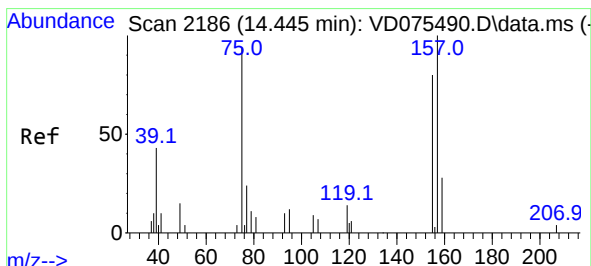
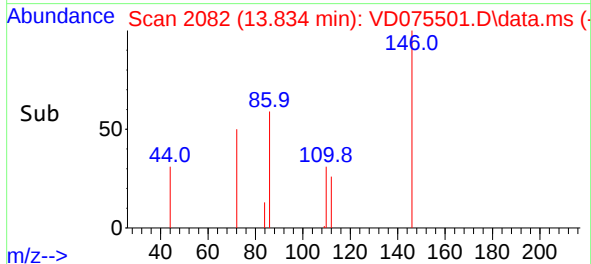
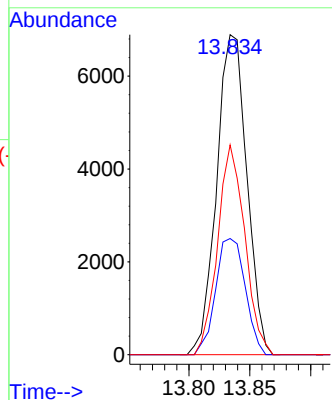
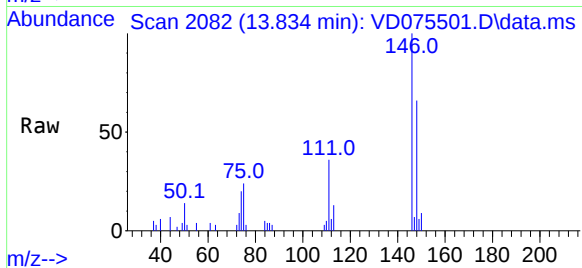
Tgt Ion:146 Resp: 11909

Ion Ratio Lower Upper

146 100

111 35.5 20.6 61.8

148 59.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.745 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075501.D

Acq: 10 Mar 2023 19:20

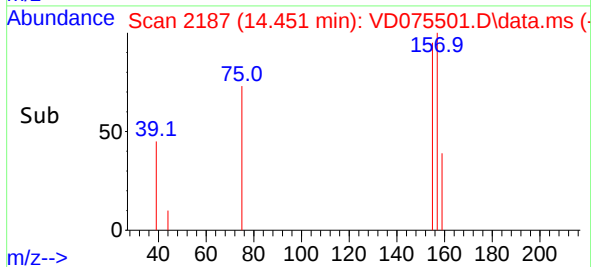
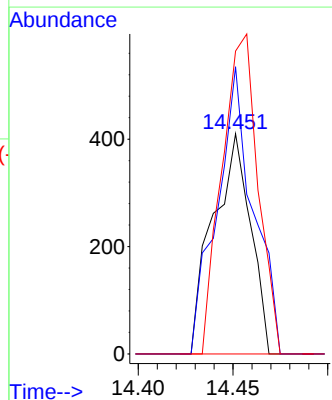
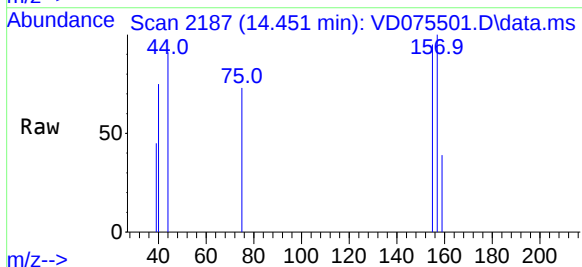
Tgt Ion: 75 Resp: 564

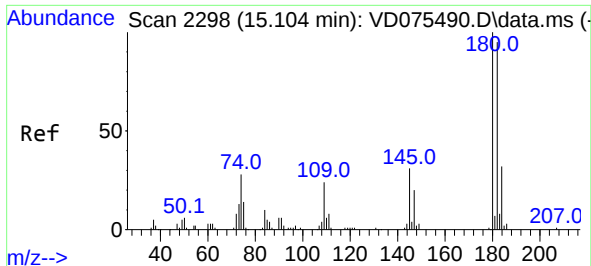
Ion Ratio Lower Upper

75 100

155 126.1 39.5 118.5#

157 139.9 53.5 160.7

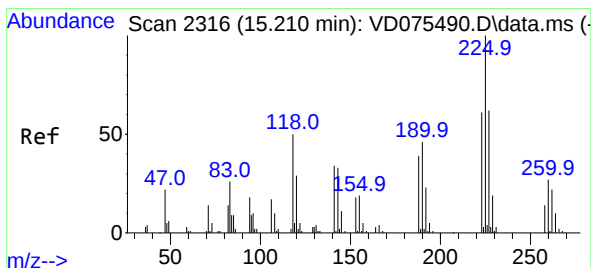
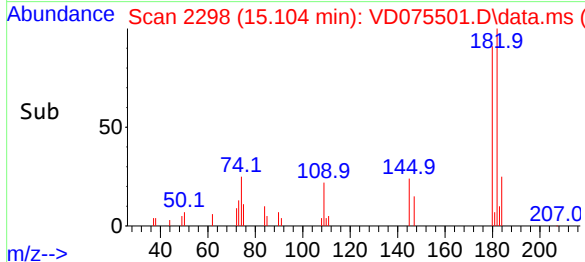
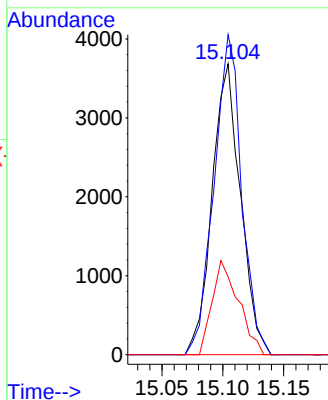
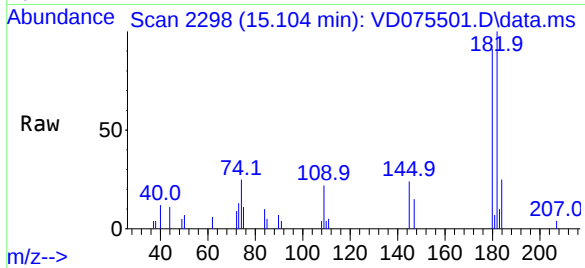




#93
1,2,4-Trichlorobenzene
Concen: 4.429 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

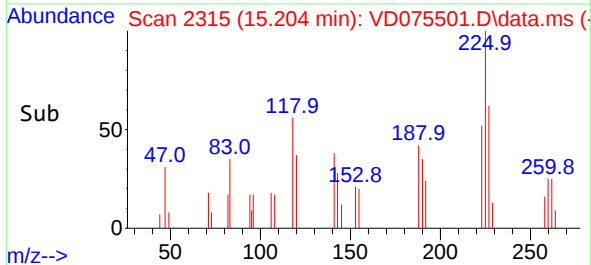
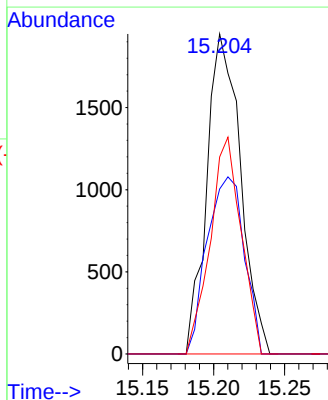
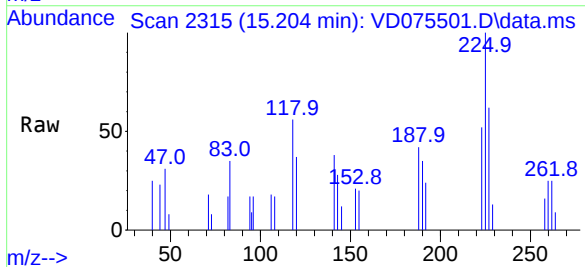
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

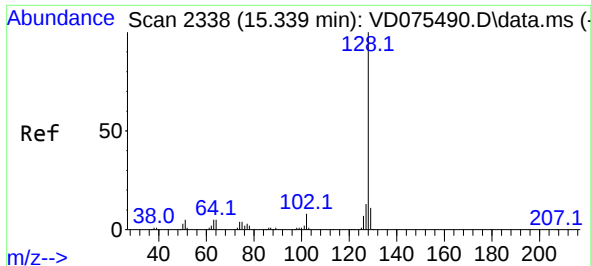
Tgt Ion:	180	Resp:	5981
Ion	Ratio	Lower	Upper
180	100		
182	107.0	47.9	143.7
145	30.1	15.9	47.7



#94
Hexachlorobutadiene
Concen: 4.998 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	225	Resp:	3219
Ion	Ratio	Lower	Upper
225	100		
223	61.2	33.1	99.2
227	62.2	31.9	95.9

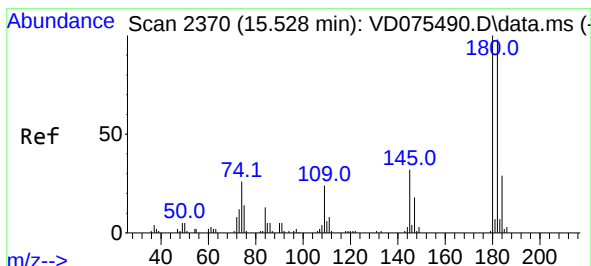
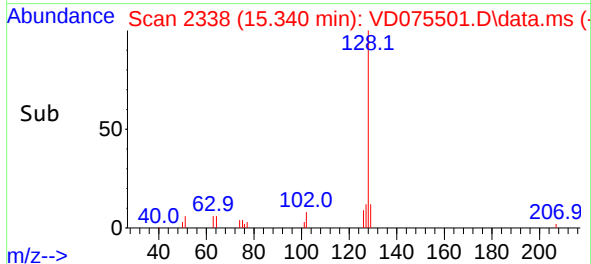
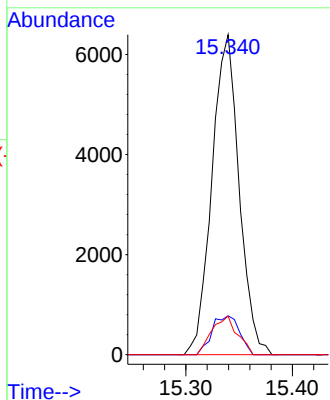
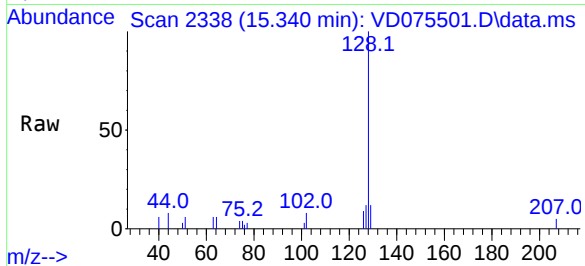




#95
Naphthalene
Concen: 4.573 ug/l
RT: 15.340 min Scan# 21336
Delta R.T. 0.000 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion:	128	Resp:	11336
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.4	15.6
129	11.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.541 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075501.D
Acq: 10 Mar 2023 19:20

Tgt Ion:	180	Resp:	5292
Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.7	143.1
145	28.1	16.4	49.4

