

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073676.D
 Acq On : 23 Jun 2022 20:10
 Operator : VA/SY
 Sample : N3214-02 5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 24 07:27:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:23:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	182288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	318768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	301952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	152975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	14648	6.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	13.080%#
35) Dibromofluoromethane	7.908	113	14265	5.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.480%#
50) Toluene-d8	10.332	98	49795	5.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.160%#
62) 4-Bromofluorobenzene	12.620	95	18626	5.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.140%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	11795	6.406	ug/l	89
3) Chloromethane	2.209	50	10446	6.277	ug/l #	87
4) Vinyl Chloride	2.344	62	10082	6.140	ug/l	98
5) Bromomethane	2.756	94	8278	6.551	ug/l	96
6) Chloroethane	2.915	64	6388	5.776	ug/l #	83
7) Trichlorofluoromethane	3.273	101	23956	6.237	ug/l	93
8) Diethyl Ether	3.703	74	6356	6.454	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	12911	5.861	ug/l	98
10) Methyl Iodide	4.303	142	11436	5.454	ug/l	97
11) Tert butyl alcohol	5.185	59	26226	52.682	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	10745	5.736	ug/l #	78
13) Acrolein	3.903	56	421	11.128	ug/l #	64
14) Allyl chloride	4.703	41	15824	5.730	ug/l	96
15) Acrylonitrile	5.414	53	13532	28.706	ug/l	99
16) Acetone	4.150	43	11186	28.286	ug/l	91
17) Carbon Disulfide	4.409	76	27736	5.868	ug/l	100
18) Methyl Acetate	4.720	43	10836	8.884	ug/l #	90
19) Methyl tert-butyl Ether	5.467	73	25619	5.252	ug/l	100
20) Methylene Chloride	4.962	84	23477	8.164	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	12693	5.696	ug/l	92
22) Diisopropyl ether	6.361	45	31060	5.009	ug/l #	81
23) Vinyl Acetate	6.303	43	55623	17.111	ug/l #	92
24) 1,1-Dichloroethane	6.267	63	23618	5.719	ug/l #	96
25) 2-Butanone	7.203	43	16295	28.881	ug/l	93
26) 2,2-Dichloropropane	7.208	77	22915	5.891	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	14950	5.704	ug/l	93
28) Bromochloromethane	7.544	49	8582	5.888	ug/l	95
29) Tetrahydrofuran	7.561	42	9425	27.478	ug/l #	86
30) Chloroform	7.703	83	27331	5.880	ug/l	87
31) Cyclohexane	7.979	56	20491	6.101	ug/l #	70
32) 1,1,1-Trichloroethane	7.897	97	24292	5.818	ug/l	95
36) 1,1-Dichloropropene	8.108	75	18244	5.234	ug/l	99
37) Ethyl Acetate	7.279	43	7229	5.284	ug/l	99
38) Carbon Tetrachloride	8.085	117	23550	5.802	ug/l #	79
39) Methylcyclohexane	9.344	83	18876	4.877	ug/l	92
40) Benzene	8.344	78	53864	5.338	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:23:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3453	4.181	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	16855	5.544	ug/l	99
43) Isopropyl Acetate	8.444	43	13856	5.161	ug/l	96
44) Trichloroethene	9.102	130	15199	5.244	ug/l	94
45) 1,2-Dichloropropane	9.385	63	13576	5.366	ug/l	93
46) Dibromomethane	9.467	93	7456	5.077	ug/l	96
47) Bromodichloromethane	9.655	83	19918	5.175	ug/l	95
48) Methyl methacrylate	9.450	41	5903	4.333	ug/l	86
49) 1,4-Dioxane	9.455	88	1629	99.341	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	34436	24.961	ug/l	97
52) Toluene	10.397	92	33495	5.066	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	18140	5.180	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	20331	5.100	ug/l	92
55) 1,1,2-Trichloroethane	10.785	97	10375	5.011	ug/l #	90
56) Ethyl methacrylate	10.655	69	10960	4.697	ug/l	92
57) 1,3-Dichloropropane	10.938	76	18103	5.303	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	24502	27.059	ug/l	98
59) 2-Hexanone	10.973	43	21389	22.965	ug/l	89
60) Dibromochloromethane	11.126	129	14474	5.305	ug/l	95
61) 1,2-Dibromoethane	11.232	107	10148	5.178	ug/l	90
64) Tetrachloroethene	10.861	164	14642	6.124	ug/l	88
65) Chlorobenzene	11.661	112	39727	5.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	15456	5.205	ug/l	99
67) Ethyl Benzene	11.732	91	62413	4.839	ug/l	95
68) m/p-Xylenes	11.844	106	48040	9.639	ug/l	100
69) o-Xylene	12.167	106	21486	4.648	ug/l	96
70) Styrene	12.185	104	36079	4.460	ug/l	97
71) Bromoform	12.349	173	8431	5.216	ug/l #	99
73) Isopropylbenzene	12.473	105	58010	4.644	ug/l	97
74) N-amyl acetate	12.279	43	11736	4.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	12462	5.288	ug/l	96
77) Bromobenzene	12.749	156	15235	5.072	ug/l	96
78) n-propylbenzene	12.808	91	72474	4.747	ug/l	100
79) 2-Chlorotoluene	12.896	91	44694	5.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	50475	4.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	3444	4.723	ug/l	97
82) 4-Chlorotoluene	12.991	91	46846	4.955	ug/l	100
83) tert-Butylbenzene	13.208	119	44049	4.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	48355	4.597	ug/l	99
85) sec-Butylbenzene	13.390	105	65871	4.758	ug/l	98
86) p-Isopropyltoluene	13.502	119	53464	4.639	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	31680	5.064	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	33988	5.490	ug/l	94
89) n-Butylbenzene	13.832	91	51561	4.777	ug/l	98
90) Hexachloroethane	14.102	117	13153	5.536	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	28657	5.324	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1792	4.555	ug/l	79
93) 1,2,4-Trichlorobenzene	15.143	180	16135	5.020	ug/l	97
94) Hexachlorobutadiene	15.249	225	10016	5.496	ug/l	95
95) Naphthalene	15.384	128	24553	4.273	ug/l	96
96) 1,2,3-Trichlorobenzene	15.573	180	14295	5.091	ug/l	93

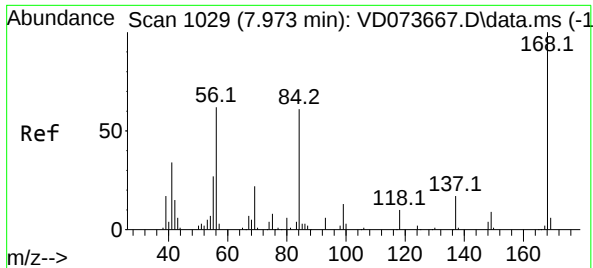
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

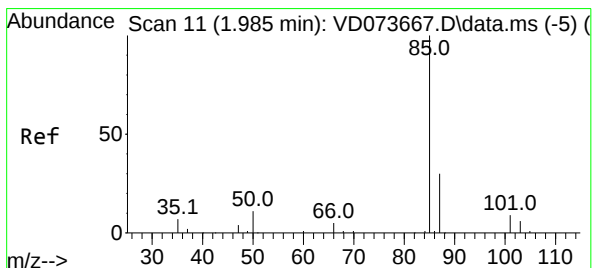
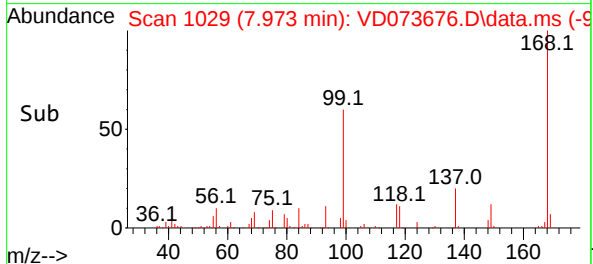
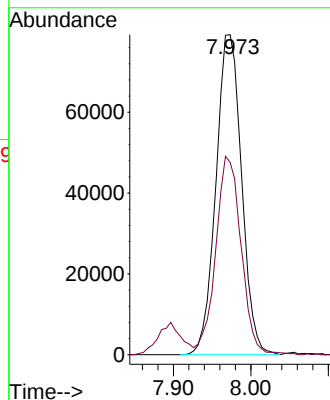
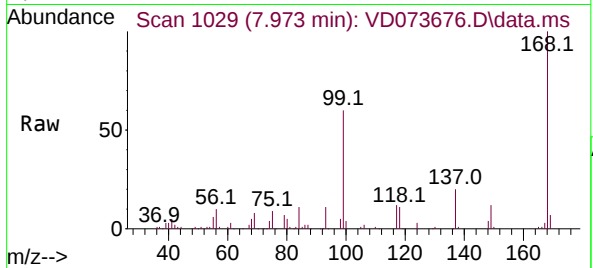
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

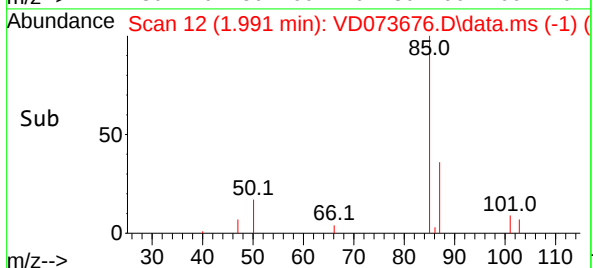
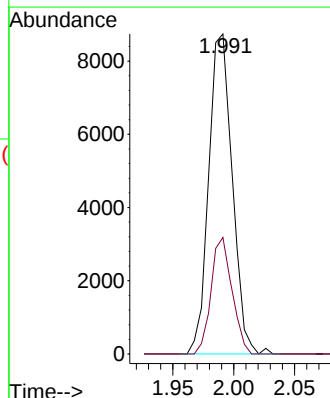
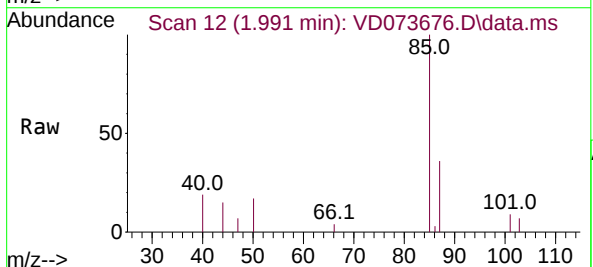
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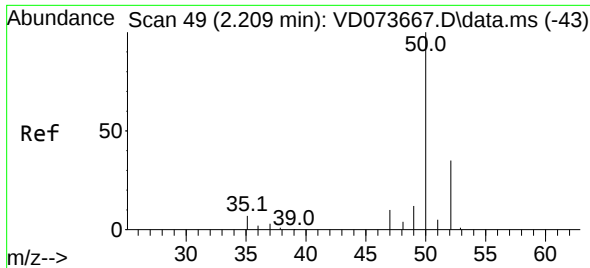
Tgt Ion:168 Resp: 182288
Ion Ratio Lower Upper
168 100
99 59.5 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 6.406 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 85 Resp: 11795
Ion Ratio Lower Upper
85 100
87 36.4 15.2 45.5

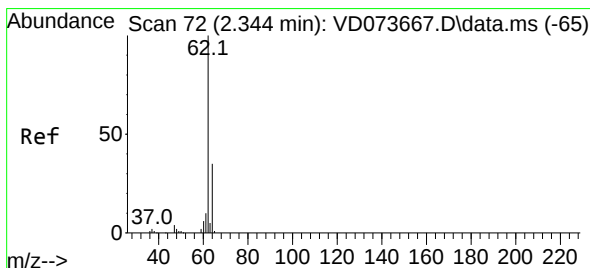
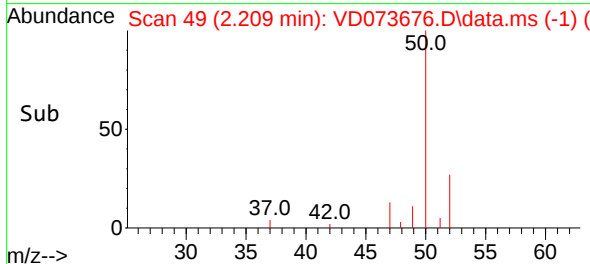
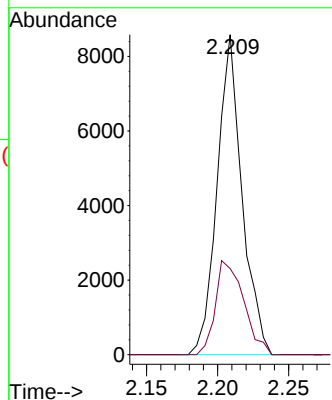
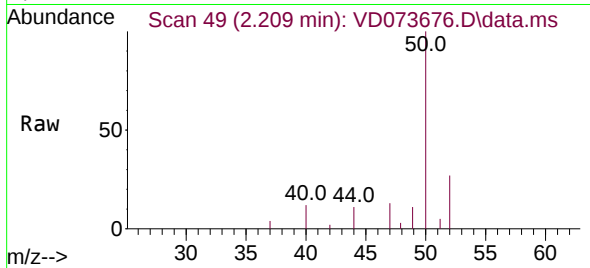




#3
Chloromethane
Concen: 6.277 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

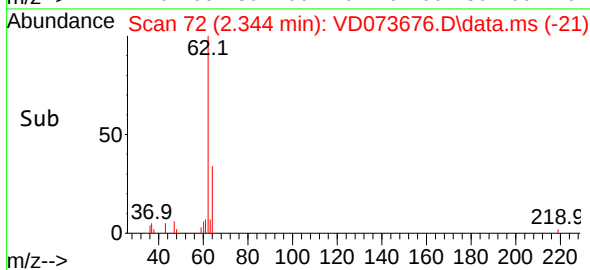
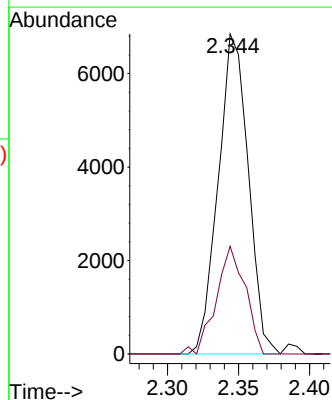
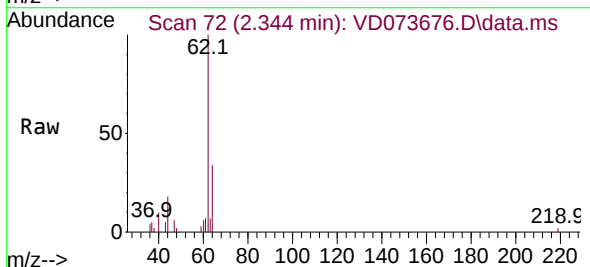
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ClientSampleId :
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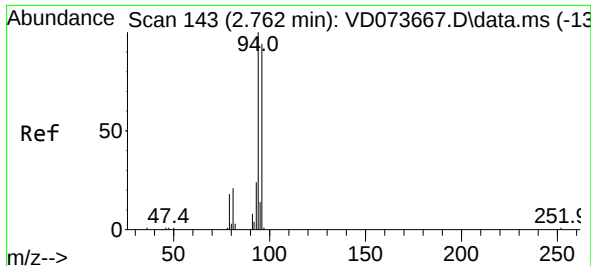
Tgt Ion: 50 Resp: 10446
Ion Ratio Lower Upper
50 100
52 26.9 27.8 41.6#



#4
Vinyl Chloride
Concen: 6.140 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 62 Resp: 10082
Ion Ratio Lower Upper
62 100
64 33.6 27.8 41.6

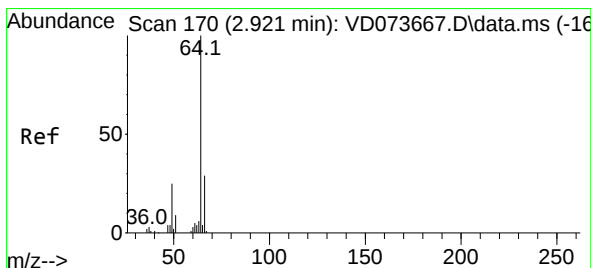
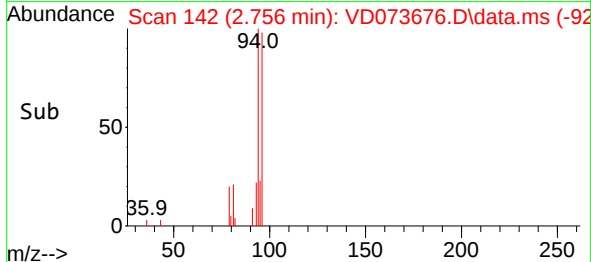
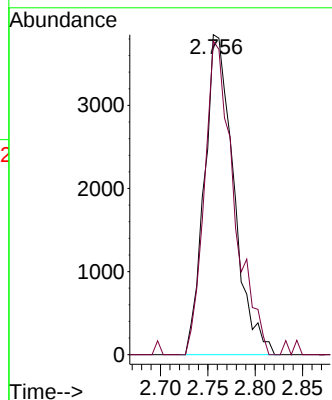
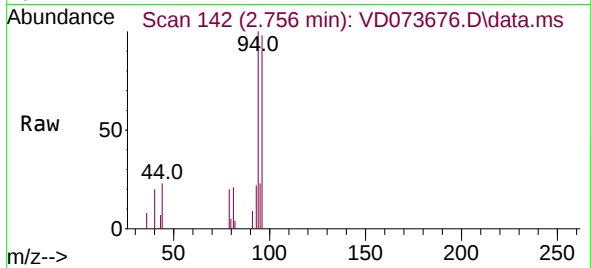




#5
Bromomethane
Concen: 6.551 ug/l
RT: 2.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

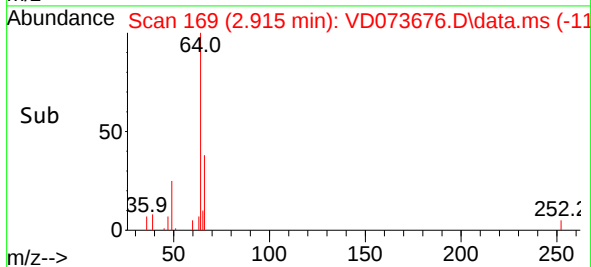
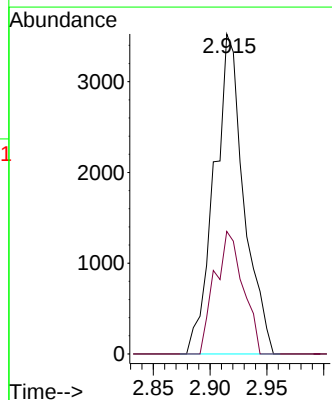
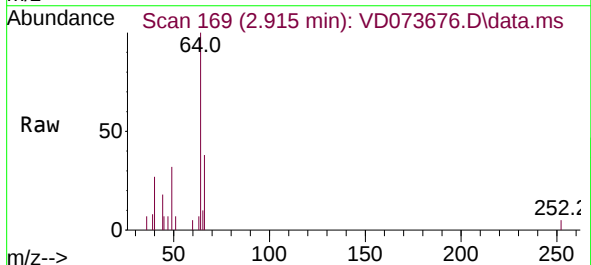
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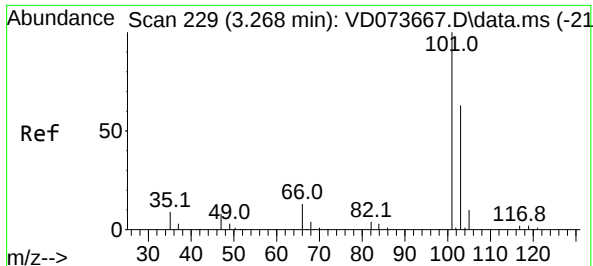
Tgt Ion: 94 Resp: 8278
Ion Ratio Lower Upper
94 100
96 98.0 75.1 112.7



#6
Chloroethane
Concen: 5.776 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 64 Resp: 6388
Ion Ratio Lower Upper
64 100
66 38.3 23.3 34.9#

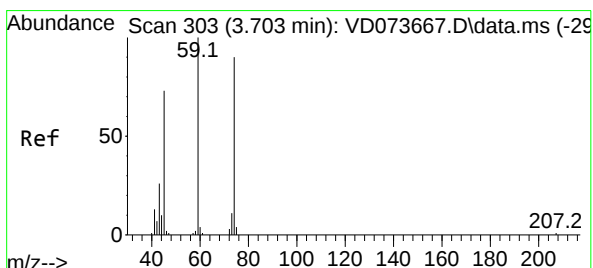
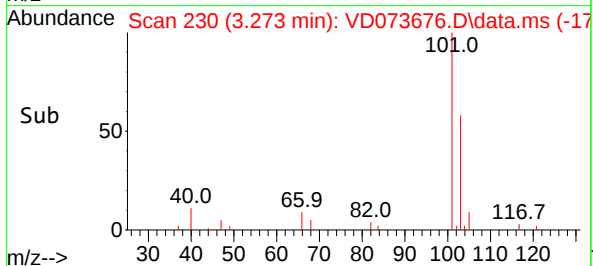
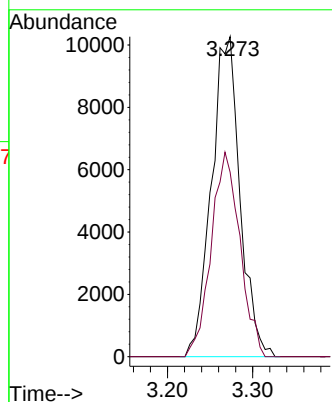
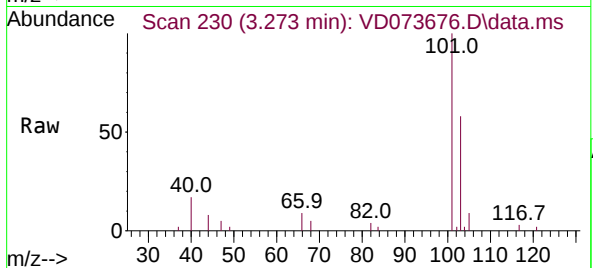




#7
Trichlorofluoromethane
Concen: 6.237 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

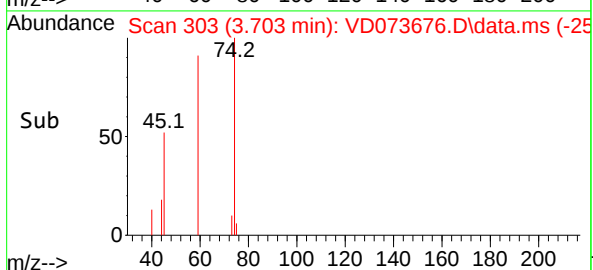
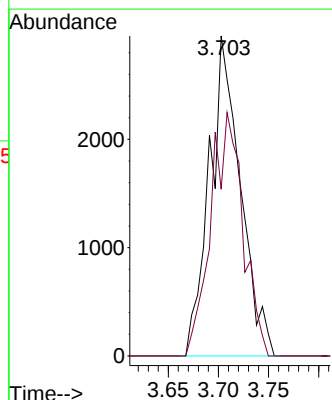
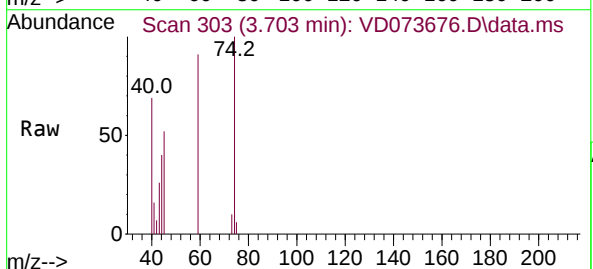
Instrument :
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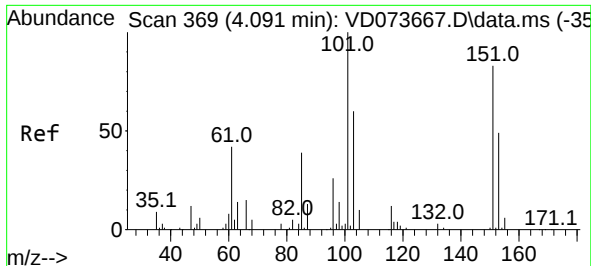
Tgt Ion:101 Resp: 23956
Ion Ratio Lower Upper
101 100
103 57.6 50.4 75.6



#8
Diethyl Ether
Concen: 6.454 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 74 Resp: 6356
Ion Ratio Lower Upper
74 100
45 78.9 45.0 134.8

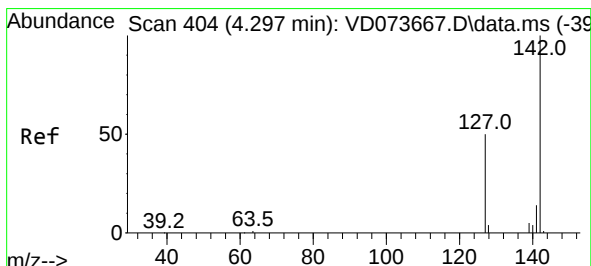
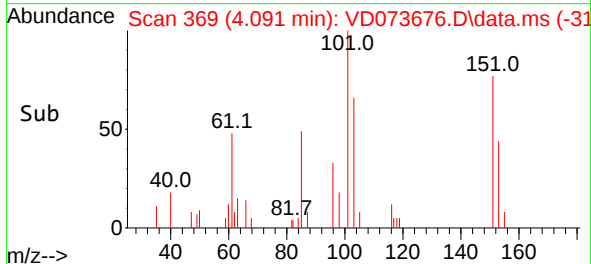
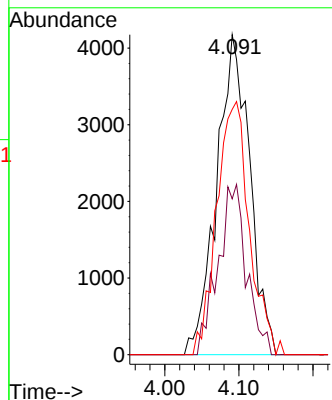
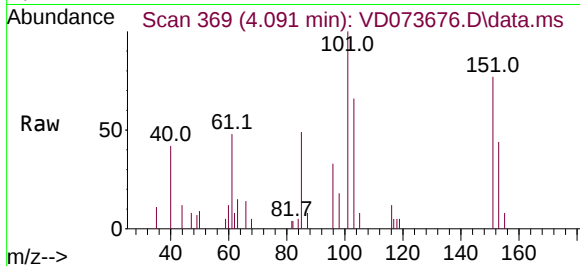




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.861 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

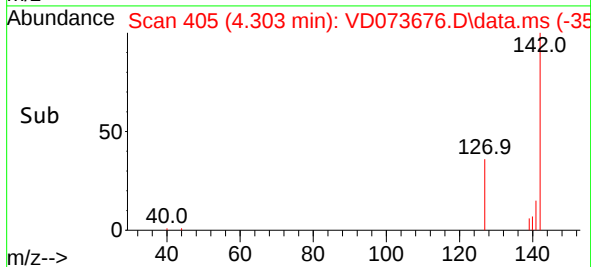
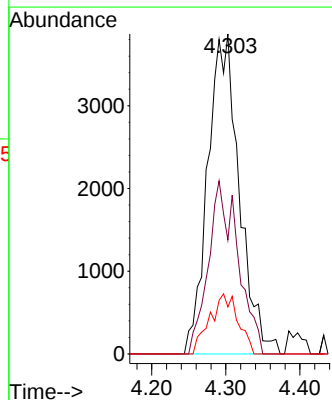
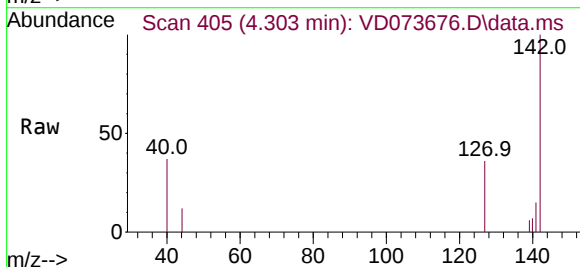
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

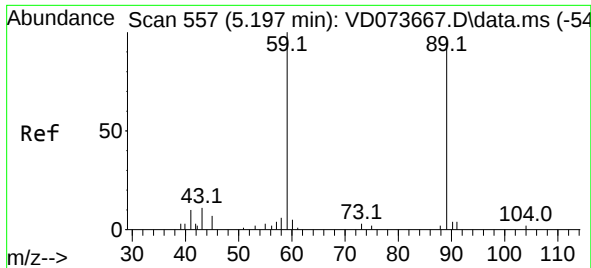
Tgt Ion:101 Resp: 12911
Ion Ratio Lower Upper
101 100
85 46.2 34.8 52.2
151 78.2 63.4 95.0



#10
Methyl Iodide
Concen: 5.454 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:142 Resp: 11436
Ion Ratio Lower Upper
142 100
127 50.8 39.4 59.2
141 16.9 11.9 17.9

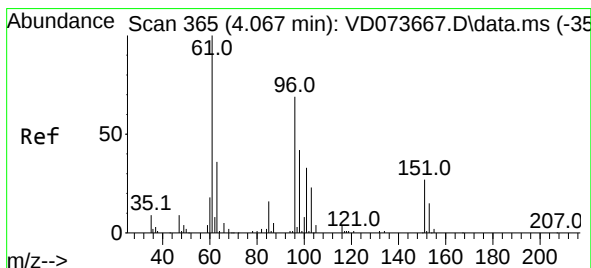
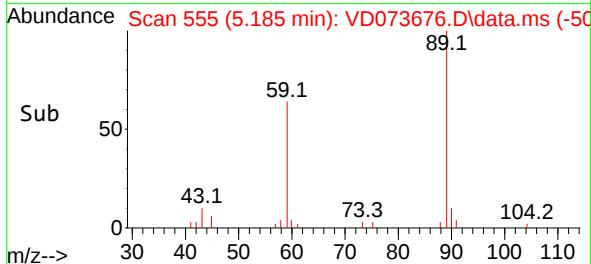
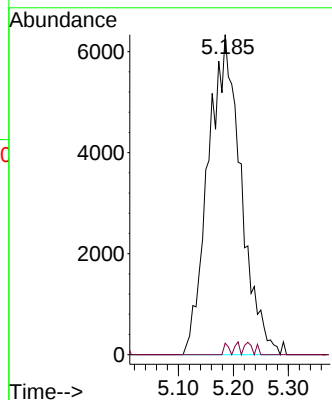
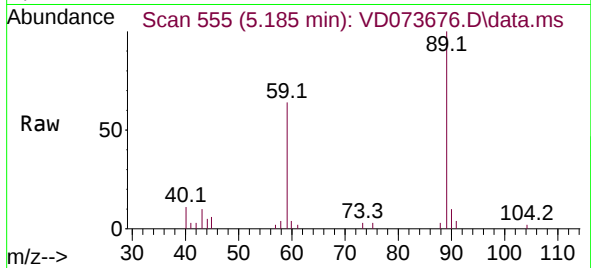




#11
Tert butyl alcohol
Concen: 52.682 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

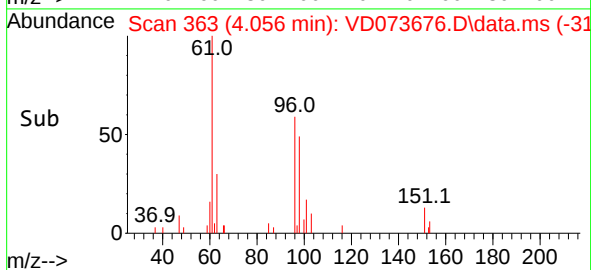
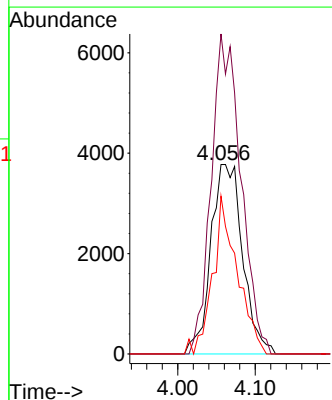
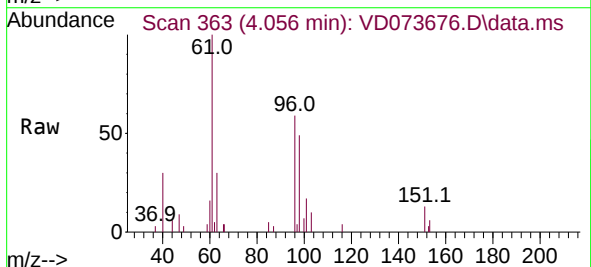
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

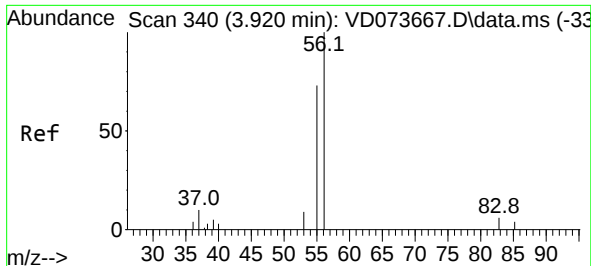
Tgt Ion: 59 Resp: 26226
Ion Ratio Lower Upper
59 100
57 0.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 5.736 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 96 Resp: 10745
Ion Ratio Lower Upper
96 100
61 168.9 116.3 174.5
98 83.3 48.7 73.1#





#13

Acrolein

Concen: 11.128 ug/l

RT: 3.903 min Scan# 31

Delta R.T. -0.018 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

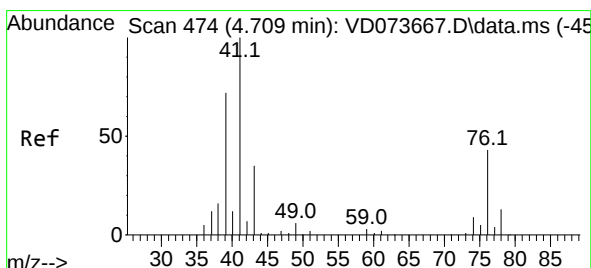
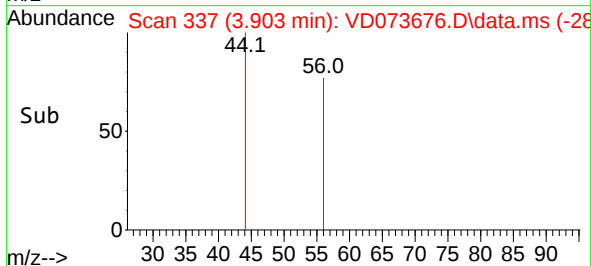
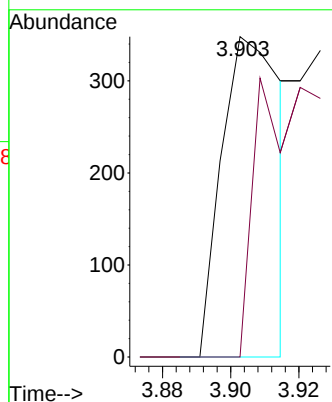
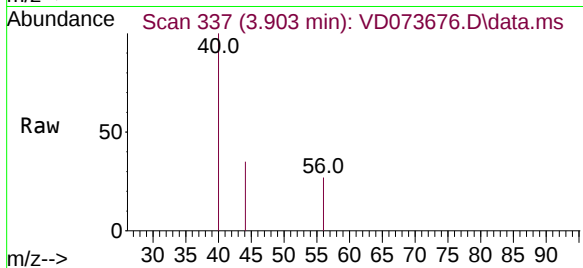
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Tgt Ion: 56 Resp: 421

Ion Ratio Lower Upper

56 100

55 105.9 60.3 90.5#



#14

Allyl chloride

Concen: 5.730 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

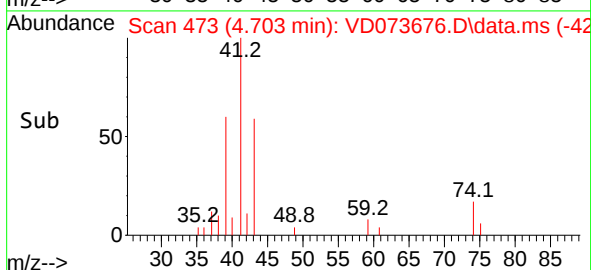
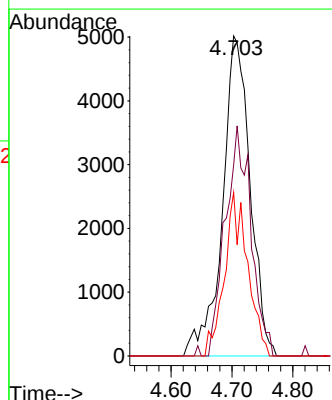
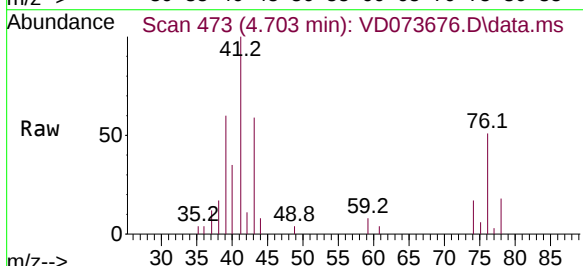
Tgt Ion: 41 Resp: 15824

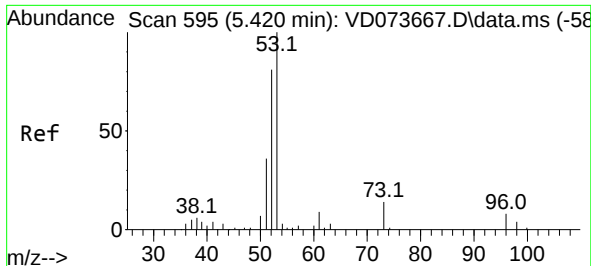
Ion Ratio Lower Upper

41 100

39 66.8 56.6 85.0

76 42.8 32.7 49.1

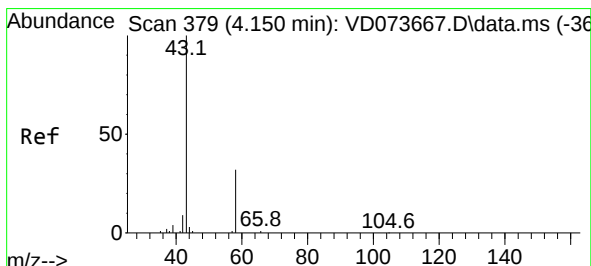
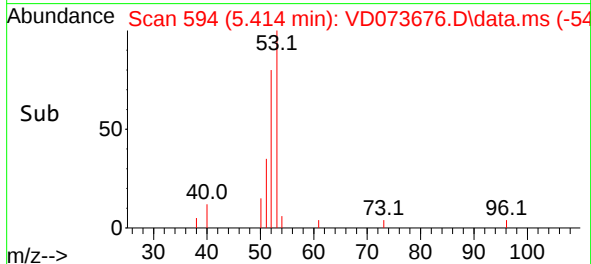
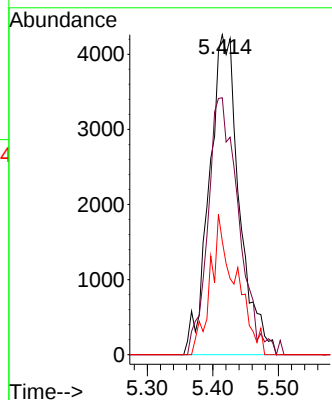
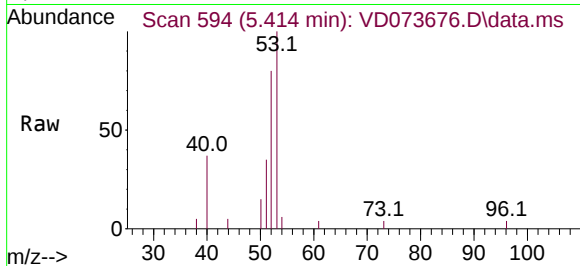




#15
Acrylonitrile
Concen: 28.706 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

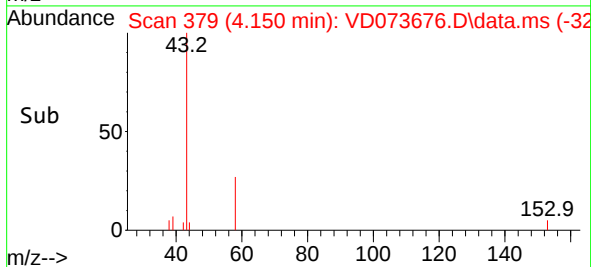
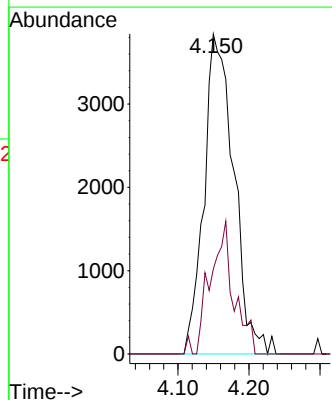
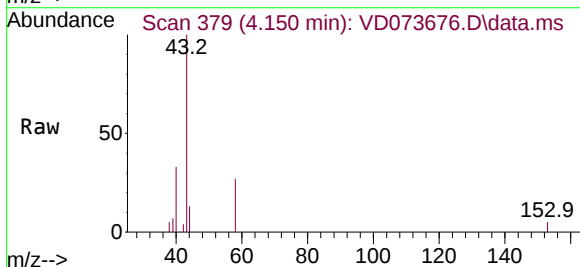
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

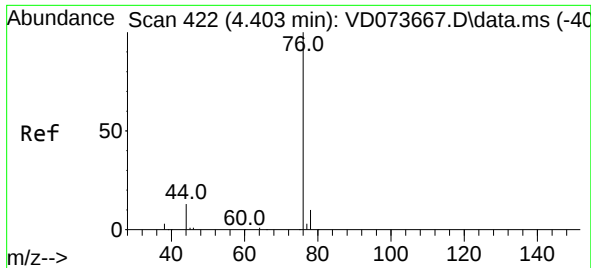
Tgt Ion:	53	Resp:	13532
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.2
51	37.1	30.2	45.2



#16
Acetone
Concen: 28.286 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:	43	Resp:	11186
Ion	Ratio	Lower	Upper
43	100		
58	26.6	25.2	37.8

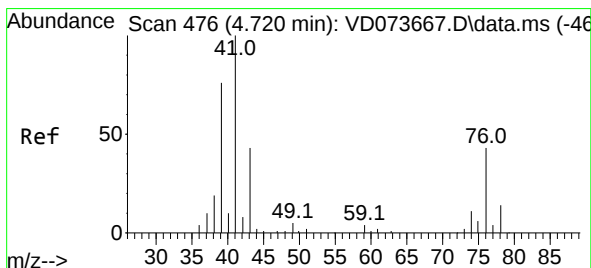
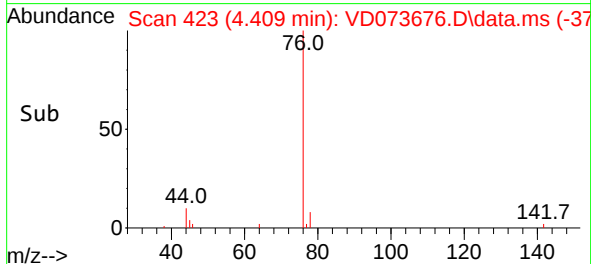
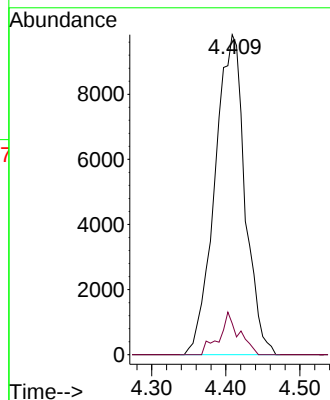
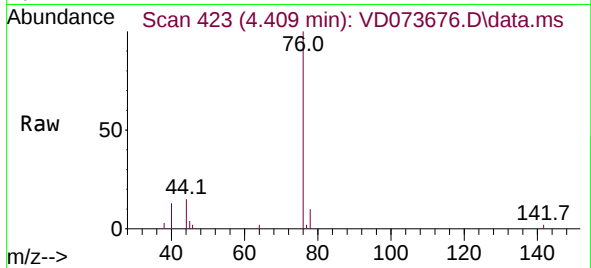




#17
Carbon Disulfide
Concen: 5.868 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

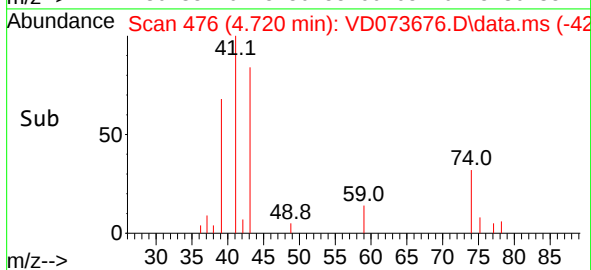
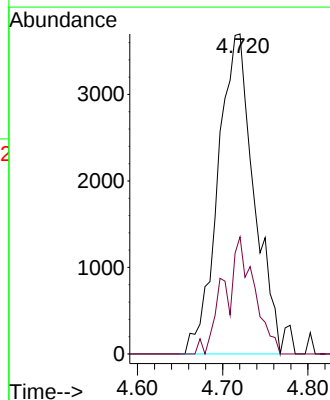
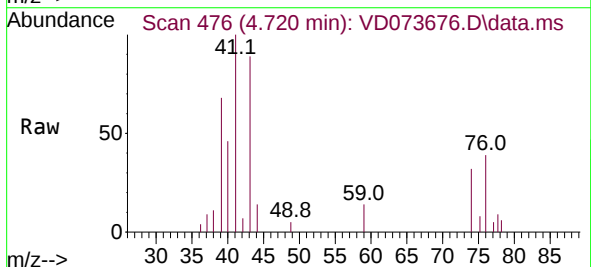
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

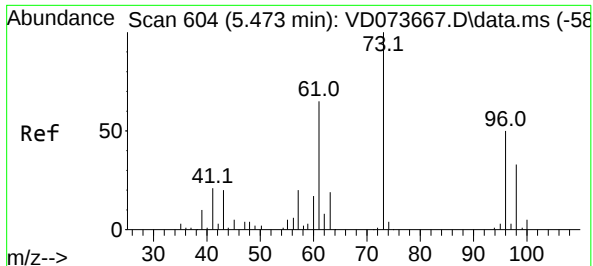
Tgt Ion: 76 Resp: 27736
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5



#18
Methyl Acetate
Concen: 8.884 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 43 Resp: 10836
Ion Ratio Lower Upper
43 100
74 30.5 20.2 30.4#

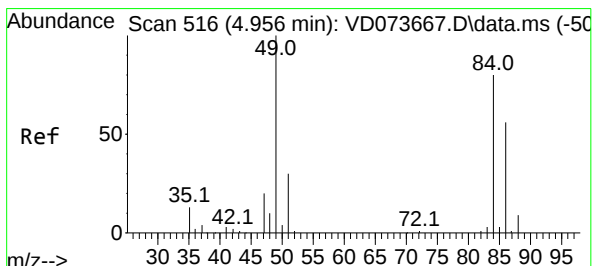
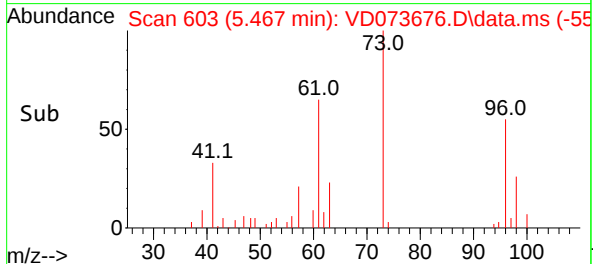
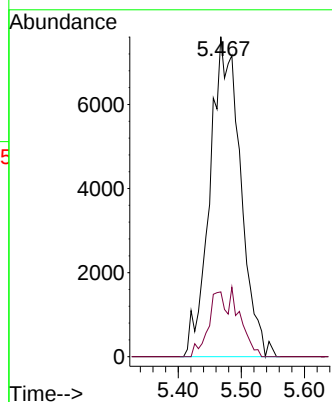
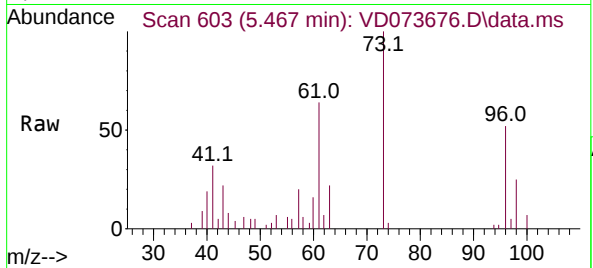




#19
Methyl tert-butyl Ether
Concen: 5.252 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

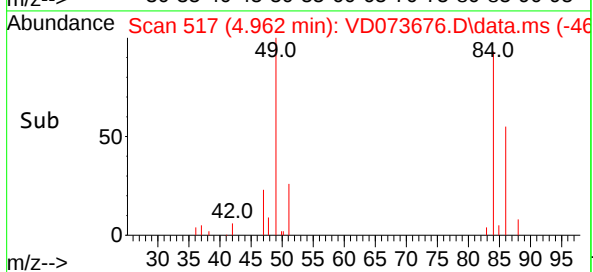
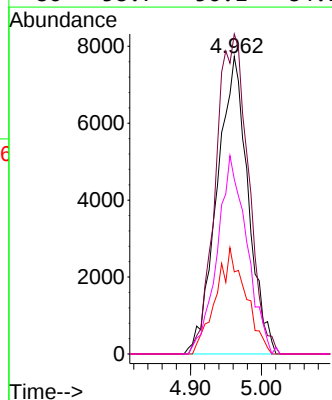
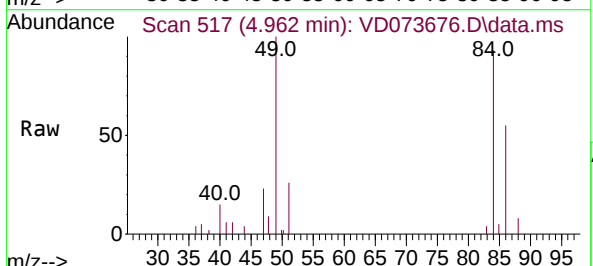
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

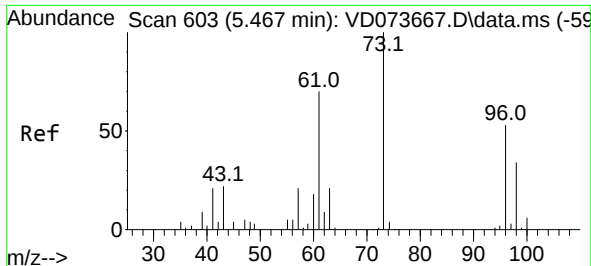
Tgt Ion: 73 Resp: 25619
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5



#20
Methylene Chloride
Concen: 8.164 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 84 Resp: 23477
Ion Ratio Lower Upper
84 100
49 107.6 100.6 150.8
51 27.6 29.8 44.6#
86 58.7 56.1 84.1

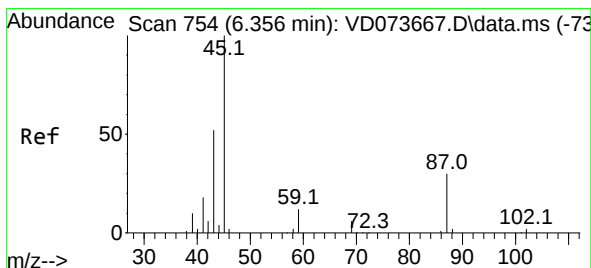
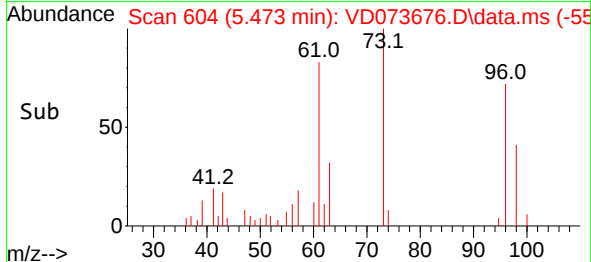
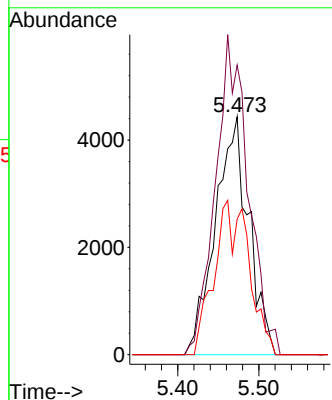
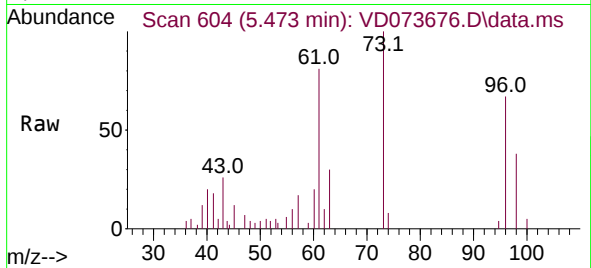




#21
trans-1,2-Dichloroethene
Concen: 5.696 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

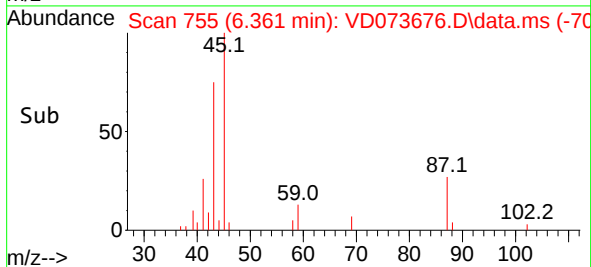
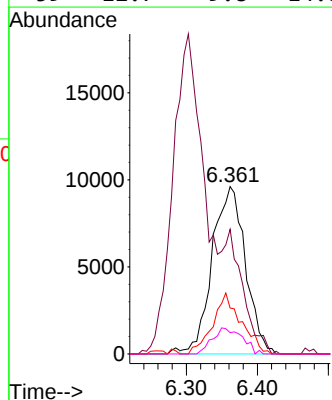
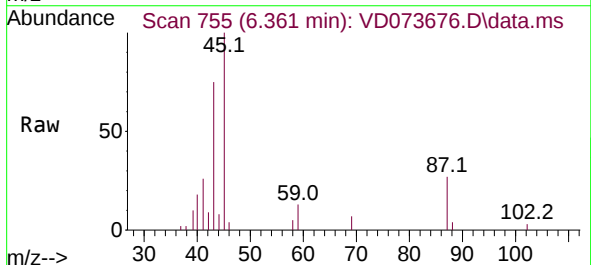
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

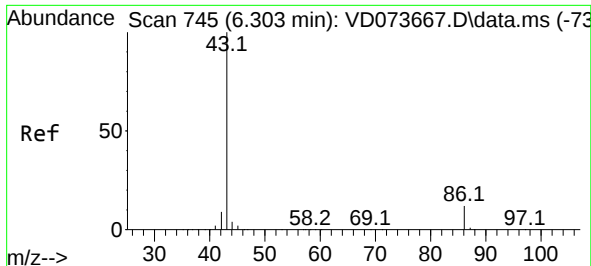
Tgt Ion: 96 Resp: 12693
Ion Ratio Lower Upper
96 100
61 121.7 105.0 157.6
98 57.0 50.6 75.8



#22
Diisopropyl ether
Concen: 5.009 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 45 Resp: 31060
Ion Ratio Lower Upper
45 100
43 74.5 42.1 63.1#
87 27.4 24.2 36.4
59 12.7 9.8 14.8

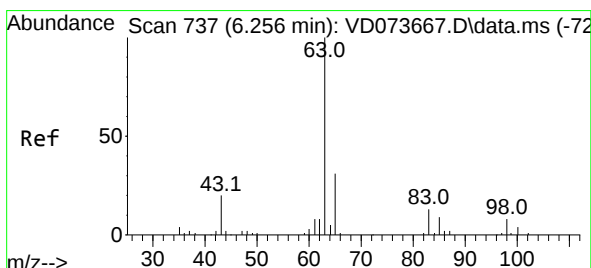
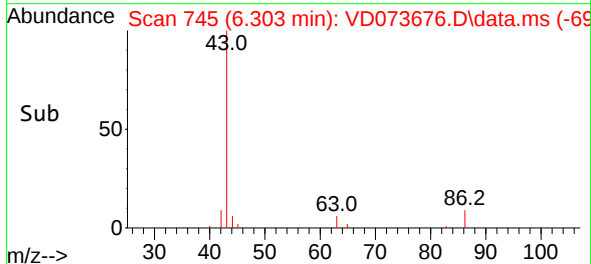
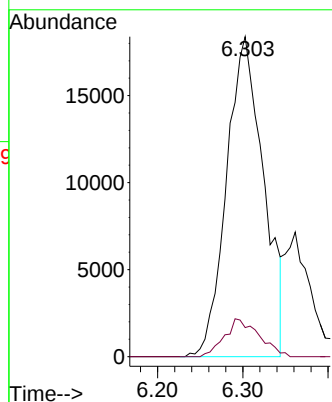
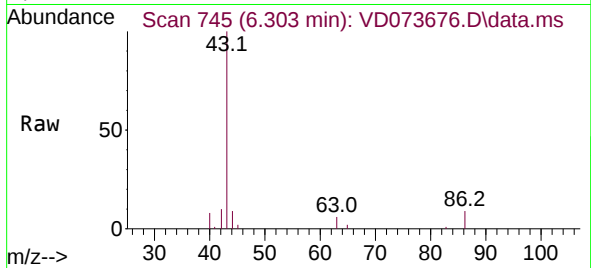




#23
 Vinyl Acetate
 Concen: 17.111 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

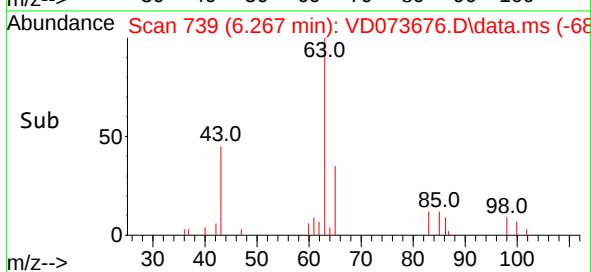
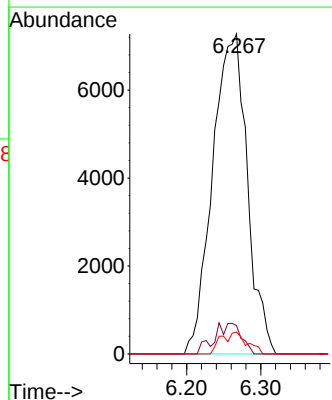
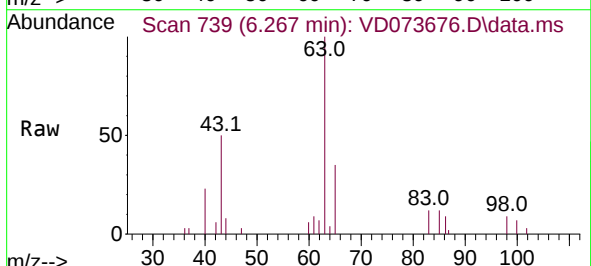
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

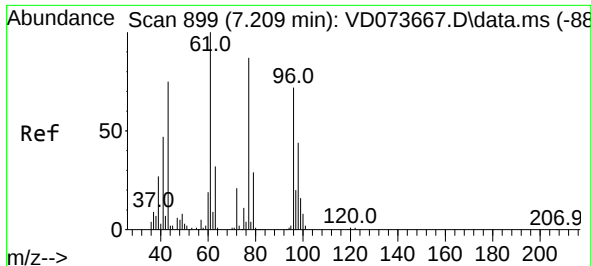
Tgt Ion: 43 Resp: 55623
 Ion Ratio Lower Upper
 43 100
 86 9.1 9.7 14.5#



#24
 1,1-Dichloroethane
 Concen: 5.719 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.012 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

Tgt Ion: 63 Resp: 23618
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 12.2
 100 6.9 2.1 6.5#

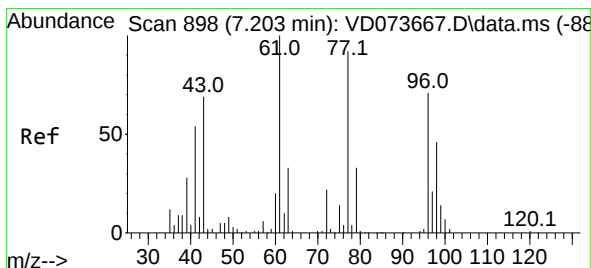
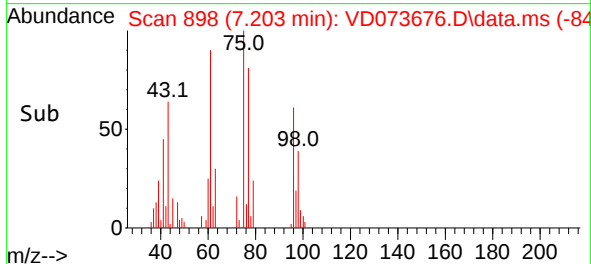
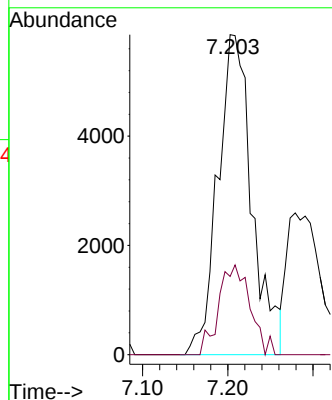
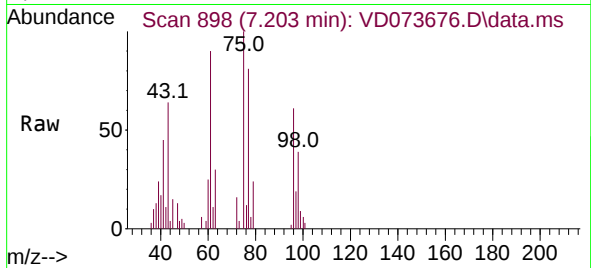




#25
2-Butanone
Concen: 28.881 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

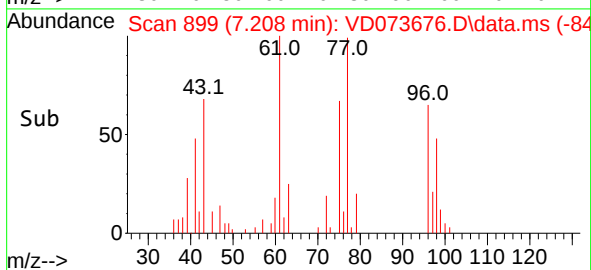
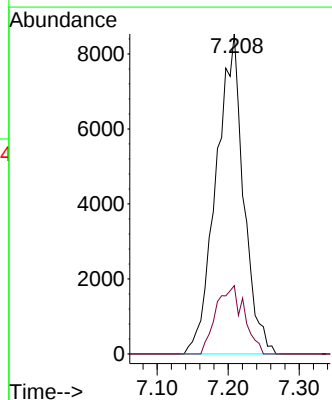
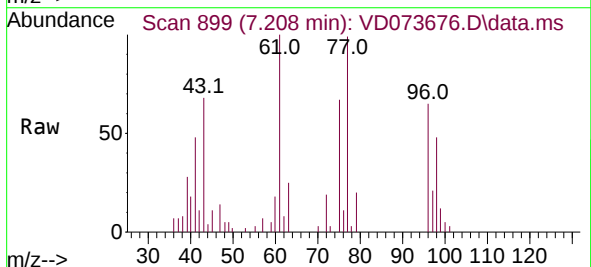
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

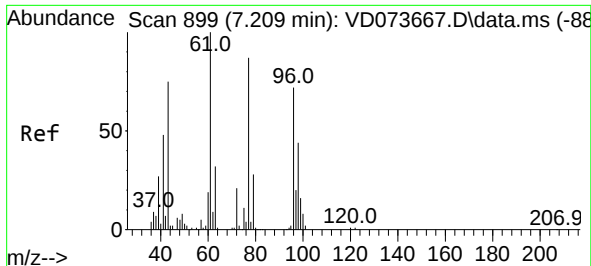
Tgt Ion: 43 Resp: 16295
Ion Ratio Lower Upper
43 100
72 24.4 22.6 33.8



#26
2,2-Dichloropropane
Concen: 5.891 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 77 Resp: 22915
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6

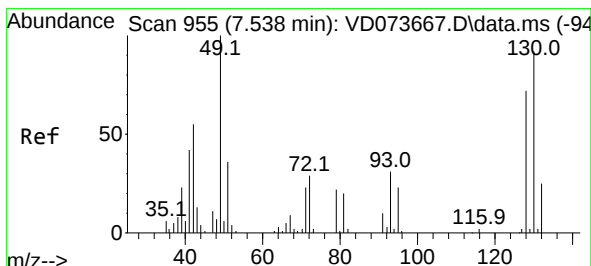
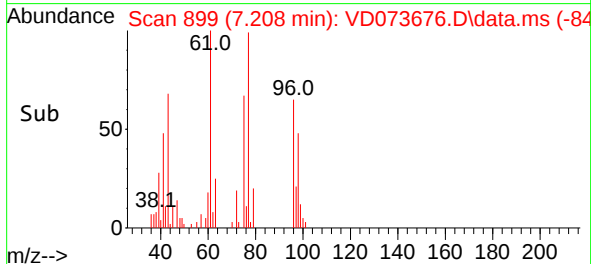
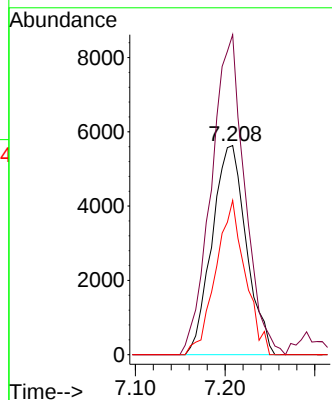
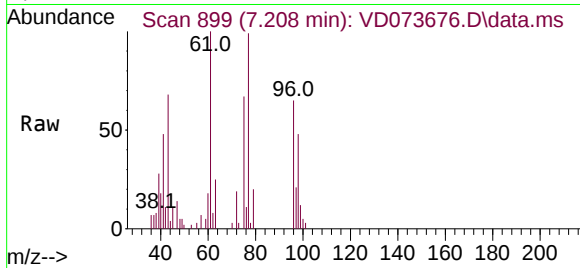




#27
 cis-1,2-Dichloroethene
 Concen: 5.704 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

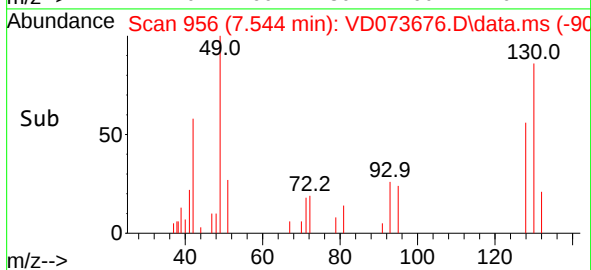
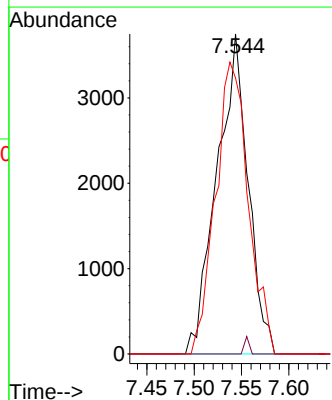
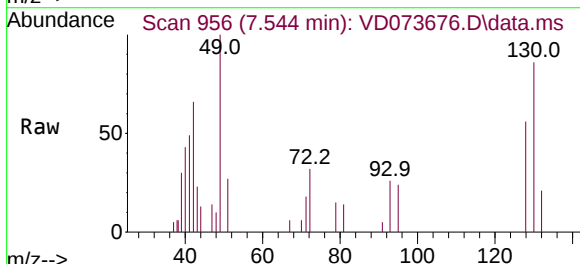
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

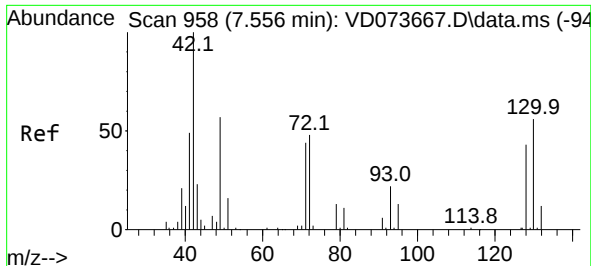
Tgt Ion: 96	Resp:	14950
Ion Ratio	Lower	Upper
96	100	
61	149.4	0.0 276.0
98	63.6	0.0 128.0



#28
 Bromochloromethane
 Concen: 5.888 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

Tgt Ion: 49	Resp:	8582
Ion Ratio	Lower	Upper
49	100	
129	0.8	0.0 5.0
130	96.0	73.2 109.8





#29

Tetrahydrofuran

Concen: 27.478 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

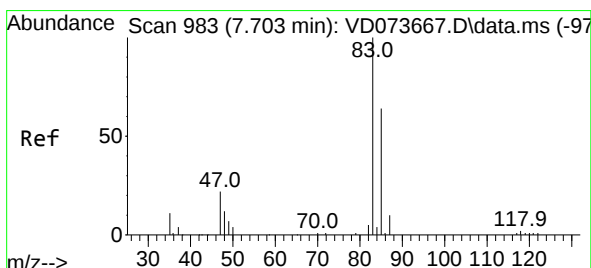
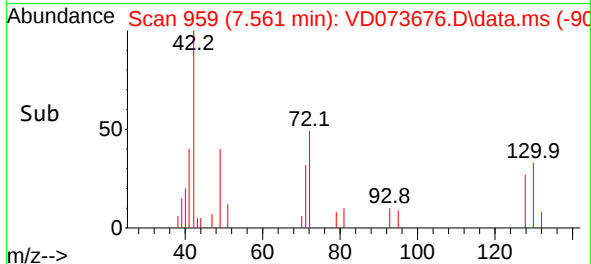
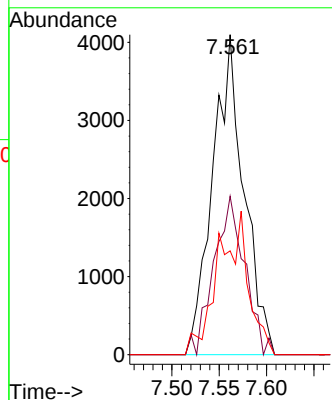
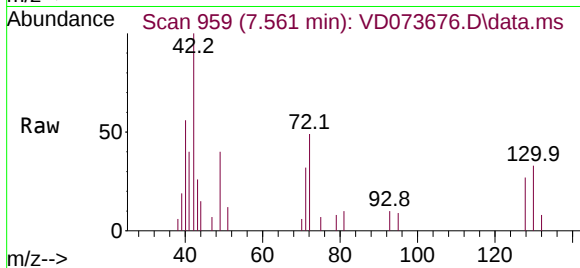
Tgt Ion: 42 Resp: 9425

Ion Ratio Lower Upper

42 100

72 48.8 37.8 56.6

71 27.4 35.5 53.3#



#30

Chloroform

Concen: 5.880 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073676.D

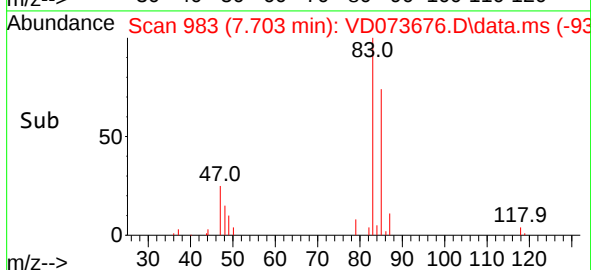
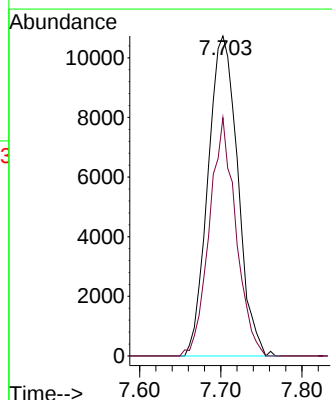
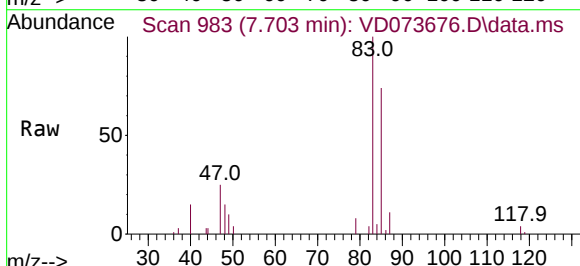
Acq: 23 Jun 2022 20:10

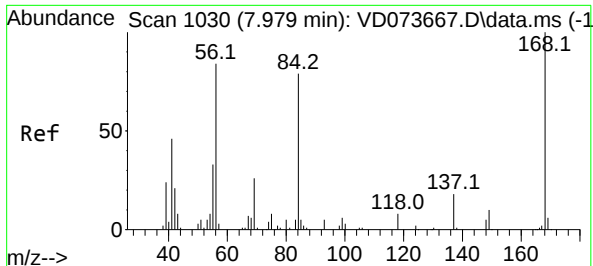
Tgt Ion: 83 Resp: 27331

Ion Ratio Lower Upper

83 100

85 74.4 51.1 76.7

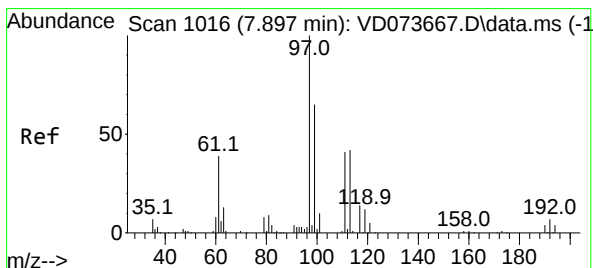
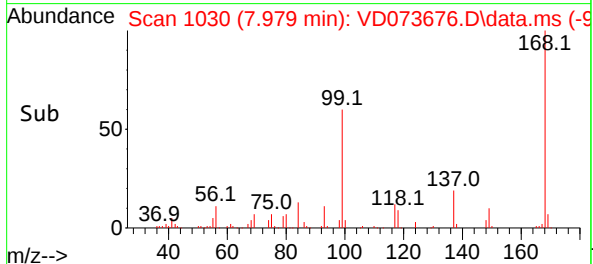
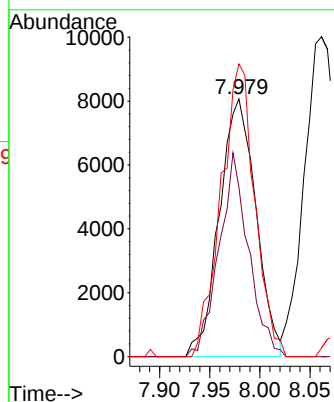
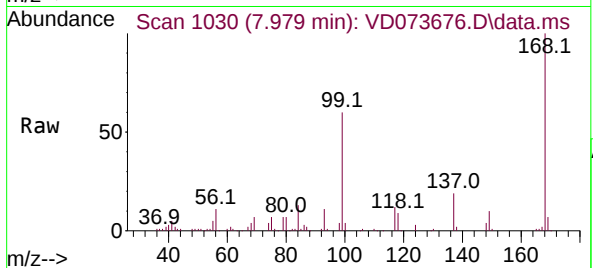




#31
Cyclohexane
Concen: 6.101 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

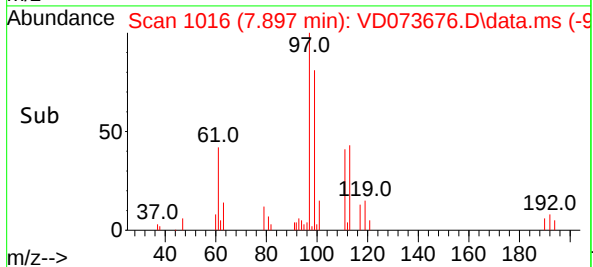
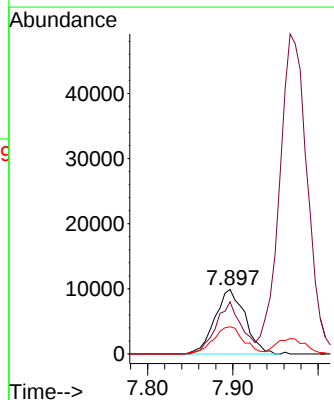
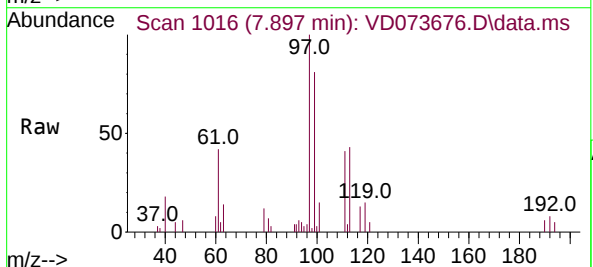
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

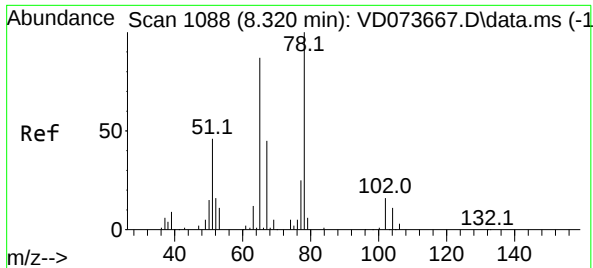
Tgt Ion: 56 Resp: 20491
Ion Ratio Lower Upper
56 100
69 65.7 25.2 37.8#
84 113.5 75.4 113.2#



#32
1,1,1-Trichloroethane
Concen: 5.818 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 97 Resp: 24292
Ion Ratio Lower Upper
97 100
99 69.7 51.2 76.8
61 42.6 33.4 50.0

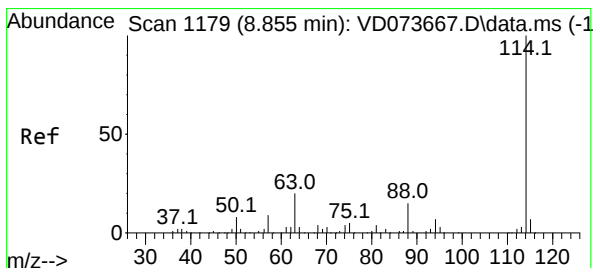
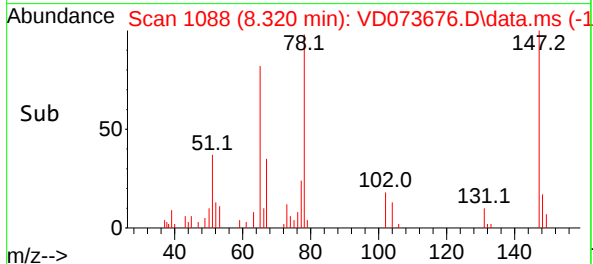
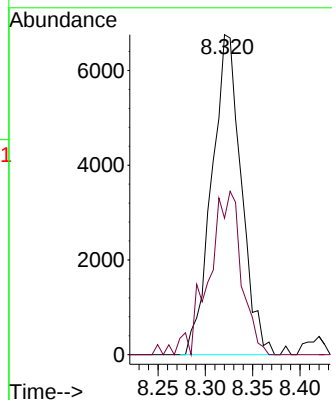
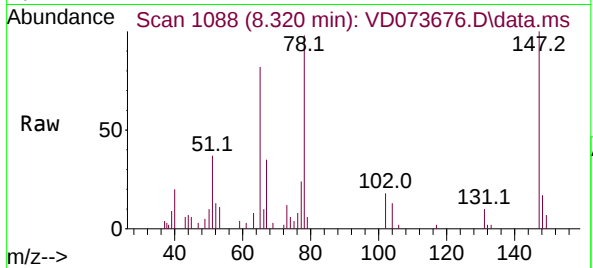




#33
1,2-Dichloroethane-d4
Concen: 6.542 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

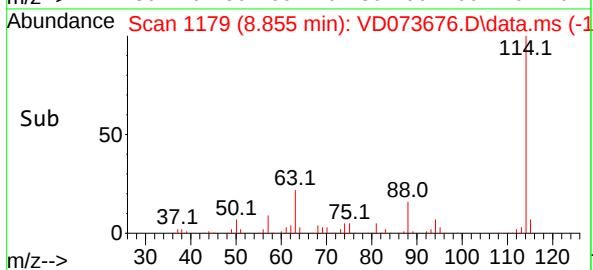
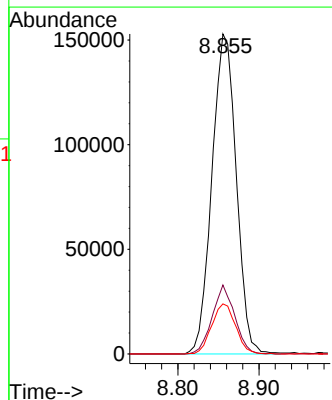
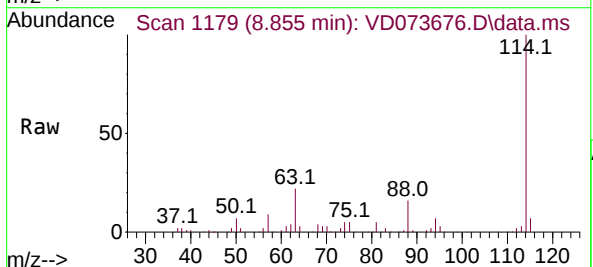
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

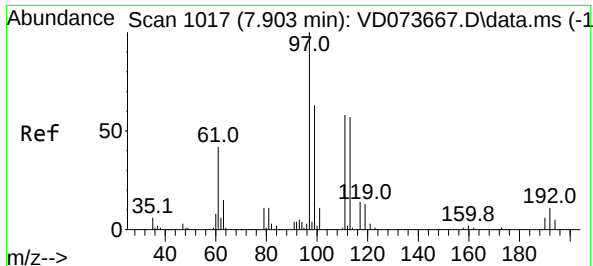
Tgt Ion: 65 Resp: 14648
Ion Ratio Lower Upper
65 100
67 56.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 114 Resp: 318768
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.2
88 15.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 5.745 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

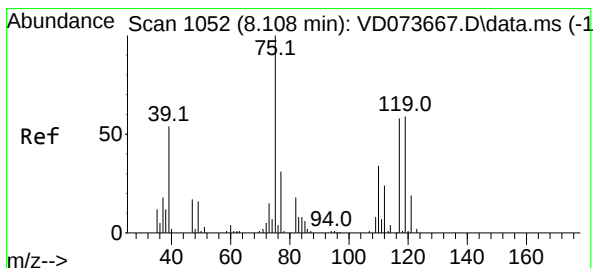
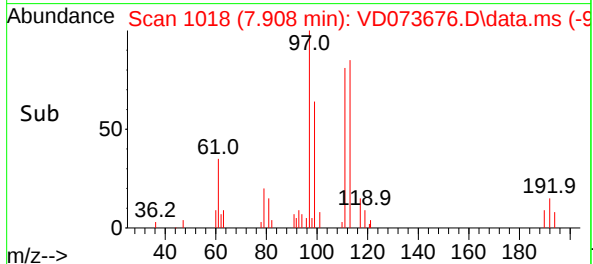
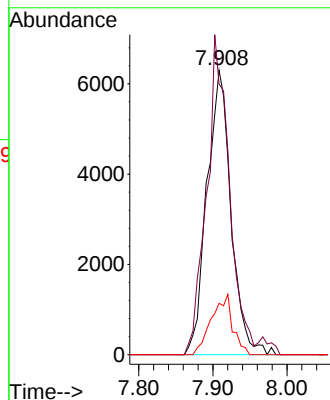
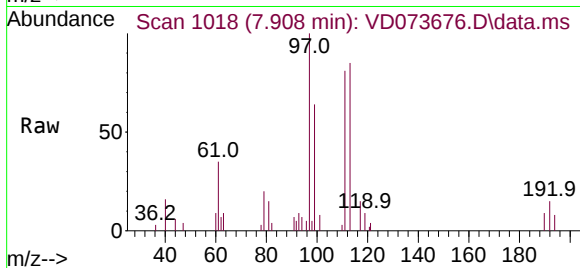
Tgt Ion:113 Resp: 14265

Ion Ratio Lower Upper

113 100

111 106.4 81.8 122.6

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.234 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

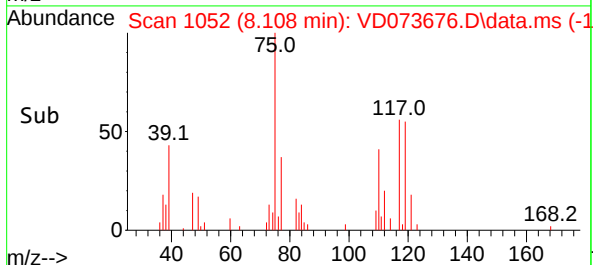
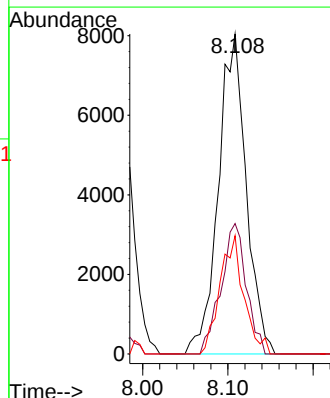
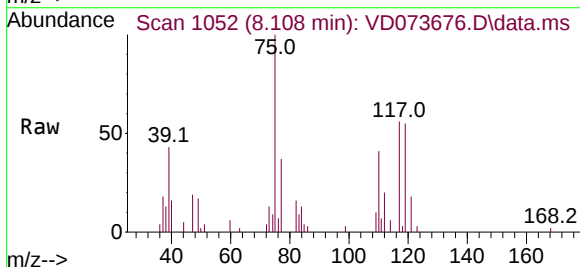
Tgt Ion: 75 Resp: 18244

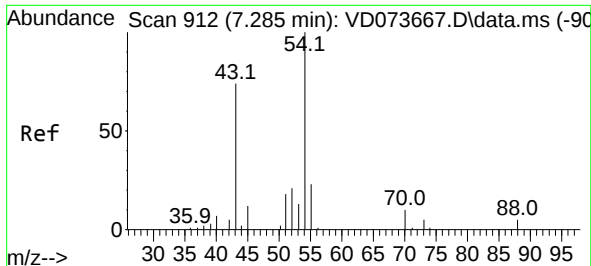
Ion Ratio Lower Upper

75 100

110 37.1 18.0 54.0

77 31.9 25.6 38.4





#37

Ethyl Acetate

Concen: 5.284 ug/l

RT: 7.279 min Scan# 911

Delta R.T. -0.006 min

Lab File: VD073676.D

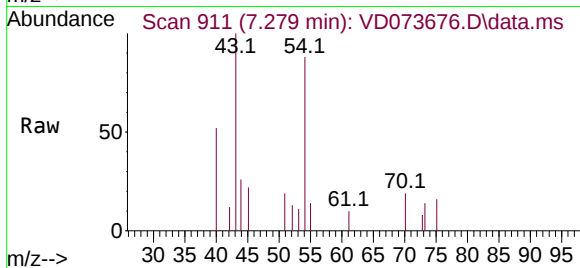
Acq: 23 Jun 2022 20:10

Instrument :

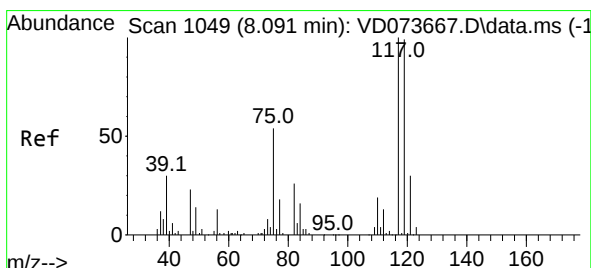
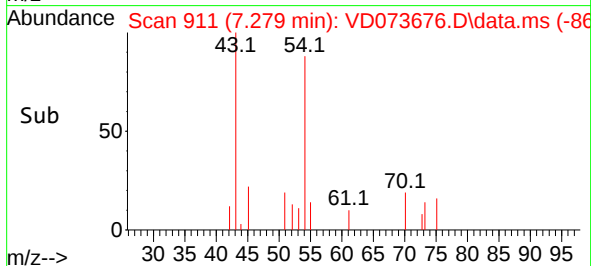
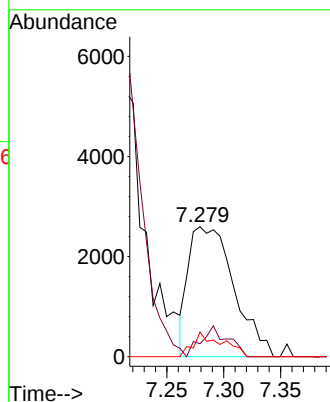
MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion: 43	Resp: 7229
Ion Ratio	Lower Upper
43	100
61	13.8 10.6 16.0
70	12.0 9.9 14.9



#38

Carbon Tetrachloride

Concen: 5.802 ug/l

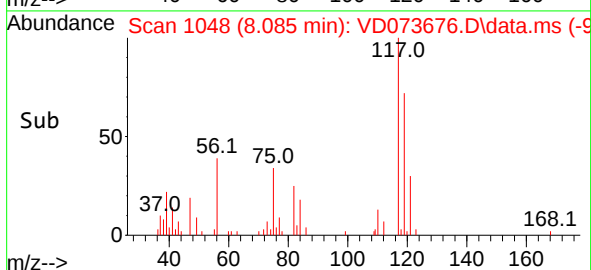
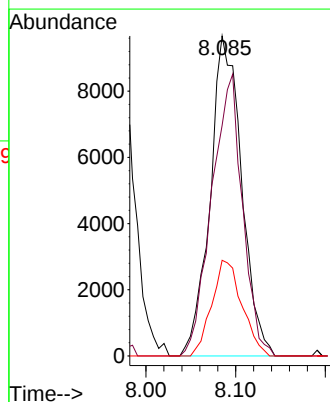
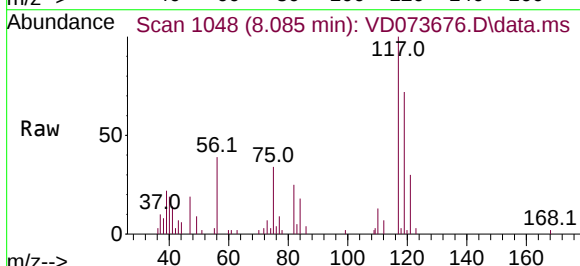
RT: 8.085 min Scan# 1048

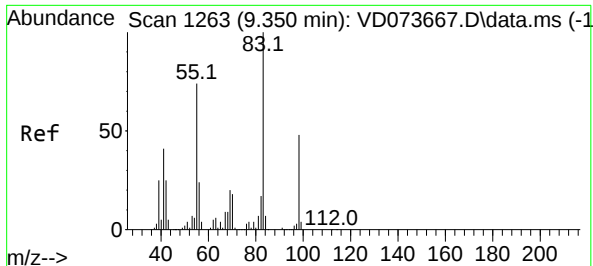
Delta R.T. -0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Tgt Ion: 117	Resp: 23550
Ion Ratio	Lower Upper
117	100
119	72.0 79.2 118.8
121	29.9 23.8 35.8





#39

Methylcyclohexane

Concen: 4.877 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

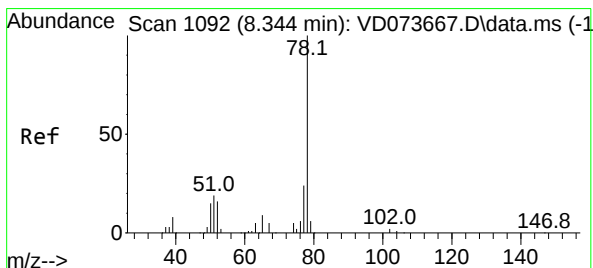
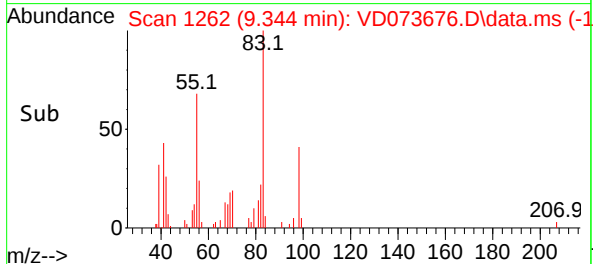
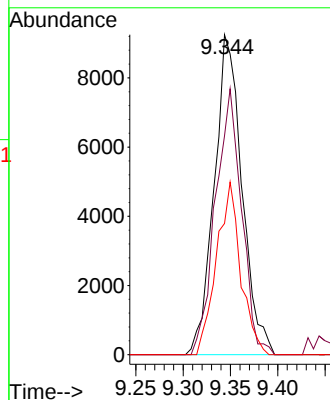
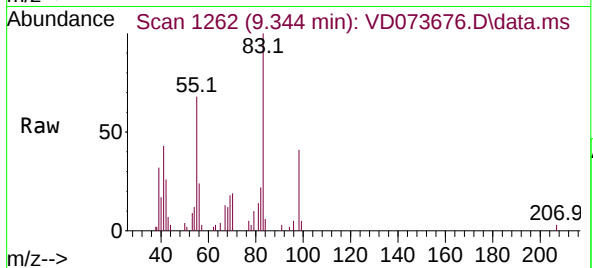
Tgt Ion: 83 Resp: 18876

Ion Ratio Lower Upper

83 100

55 68.4 59.0 88.4

98 41.0 38.3 57.5



#40

Benzene

Concen: 5.338 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073676.D

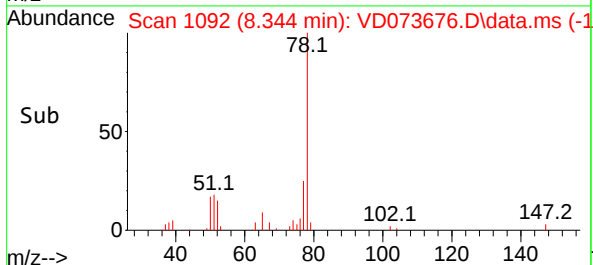
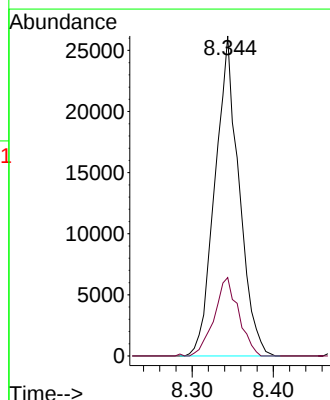
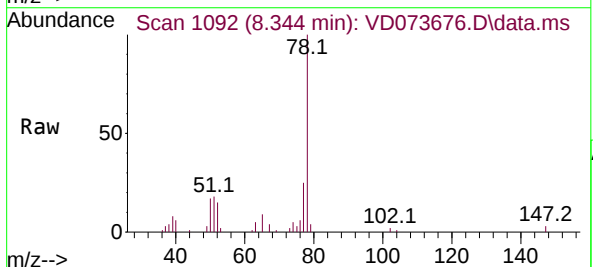
Acq: 23 Jun 2022 20:10

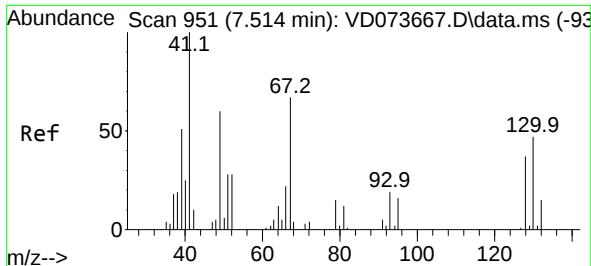
Tgt Ion: 78 Resp: 53864

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4

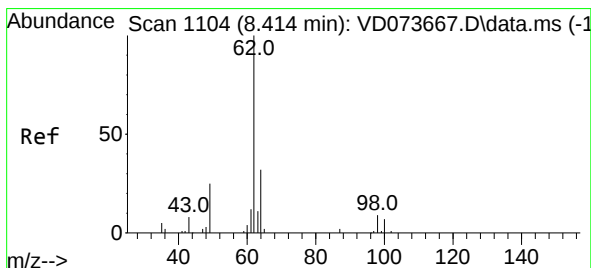
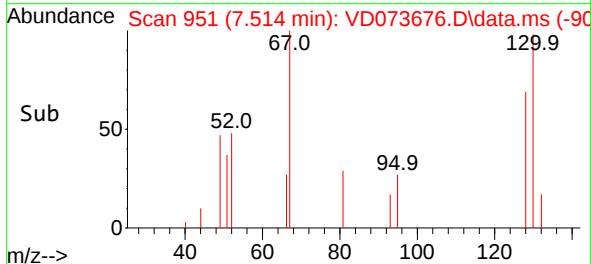
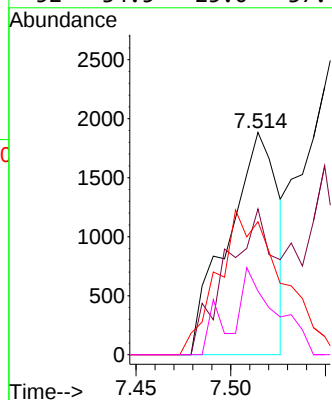
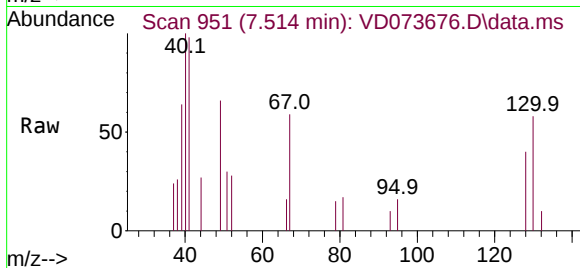




#41
Methacrylonitrile
Concen: 4.181 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

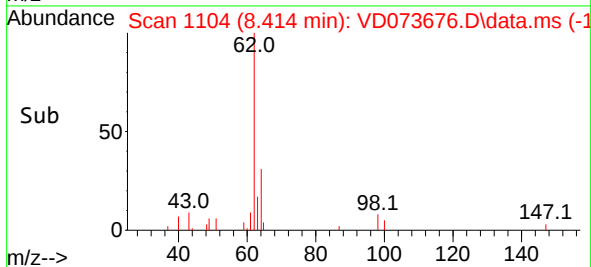
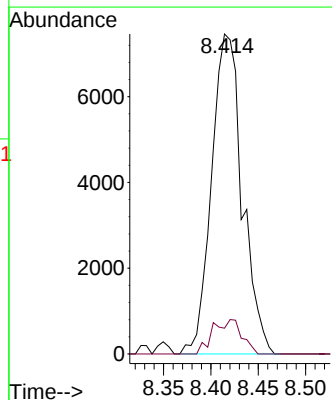
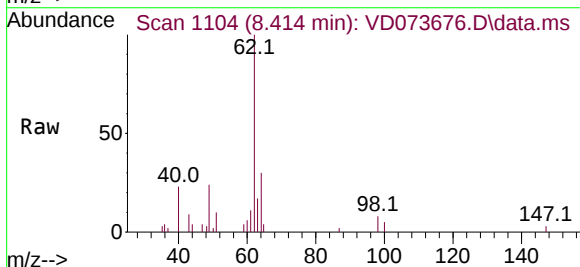
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

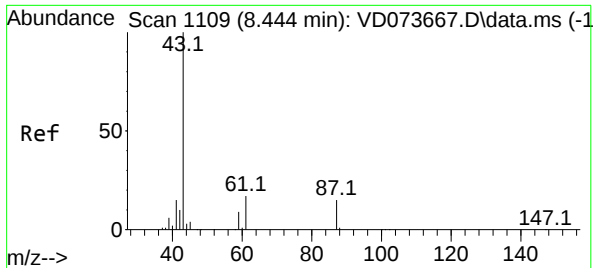
Tgt Ion: 41 Resp: 3453
Ion Ratio Lower Upper
41 100
39 63.8 42.1 63.1#
67 82.7 58.6 87.8
52 34.5 25.0 37.4



#42
1,2-Dichloroethane
Concen: 5.544 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 62 Resp: 16855
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6

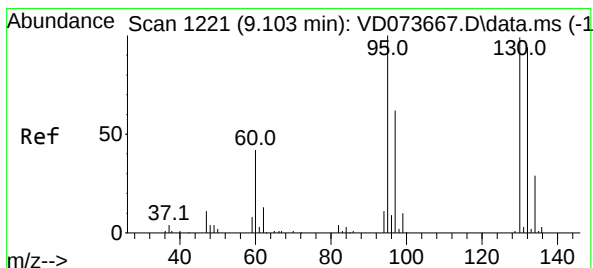
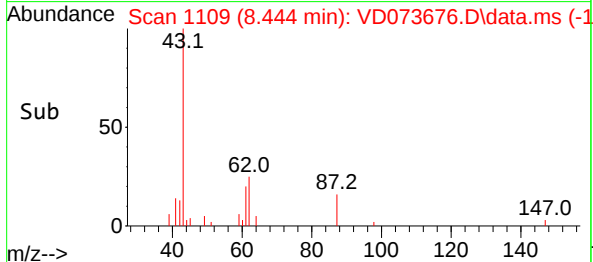
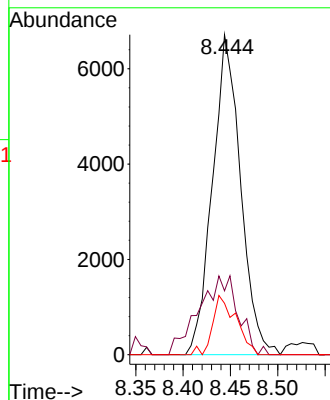
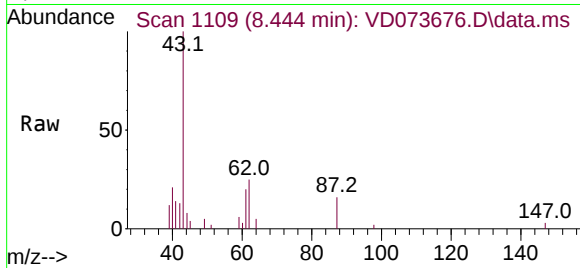




#43
Isopropyl Acetate
Concen: 5.161 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

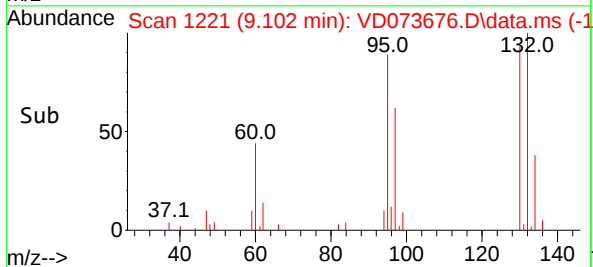
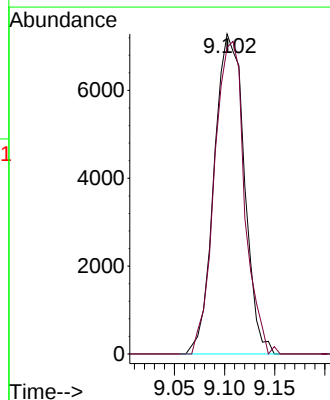
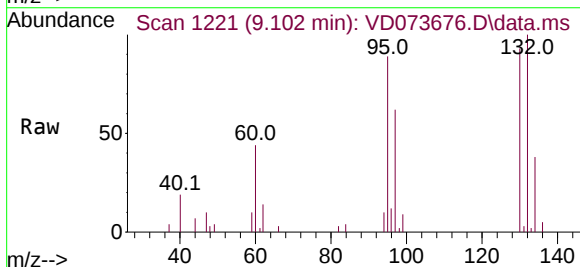
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

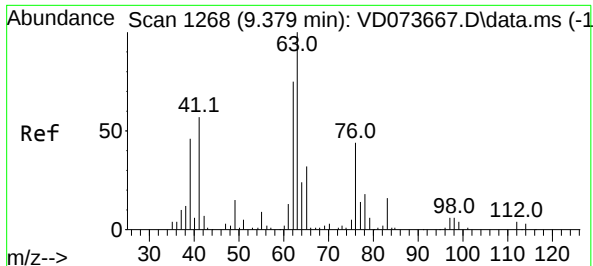
Tgt Ion: 43	Resp: 13856
Ion Ratio	Lower Upper
43 100	
61 34.6	25.4 38.0
87 15.4	11.9 17.9



#44
Trichloroethene
Concen: 5.244 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:130	Resp:	15199	
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	202.8





#45

1,2-Dichloropropane

Concen: 5.366 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

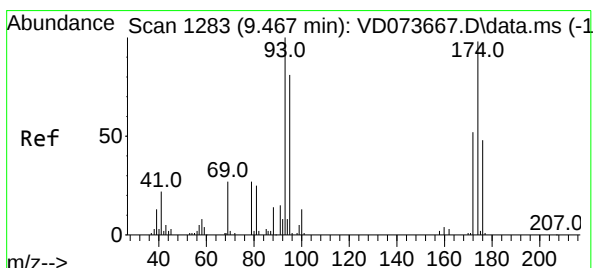
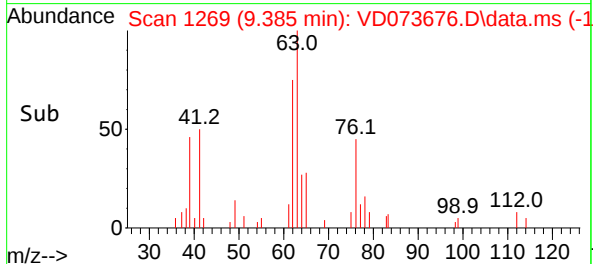
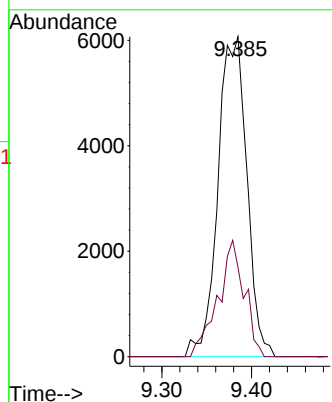
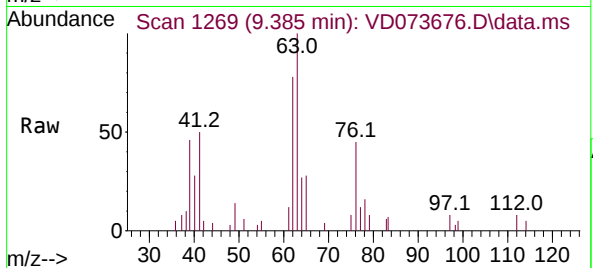
LOQ-SOIL-02-QT2-2022

Tgt Ion: 63 Resp: 13576

Ion Ratio Lower Upper

63 100

65 28.0 25.5 38.3



#46

Dibromomethane

Concen: 5.077 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

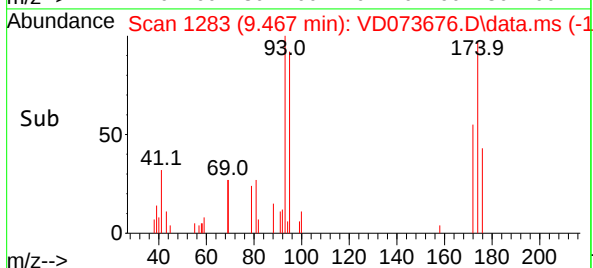
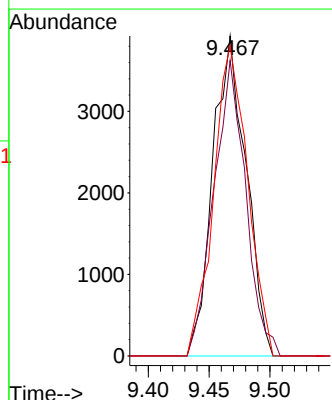
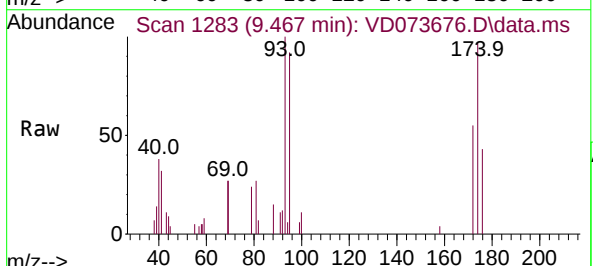
Tgt Ion: 93 Resp: 7456

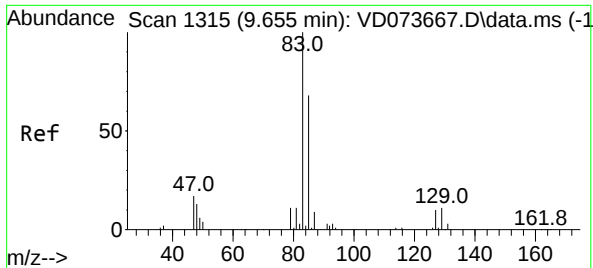
Ion Ratio Lower Upper

93 100

95 88.4 67.8 101.8

174 99.3 82.3 123.5





#47

Bromodichloromethane

Concen: 5.175 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

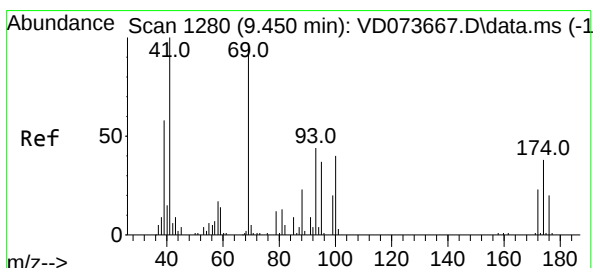
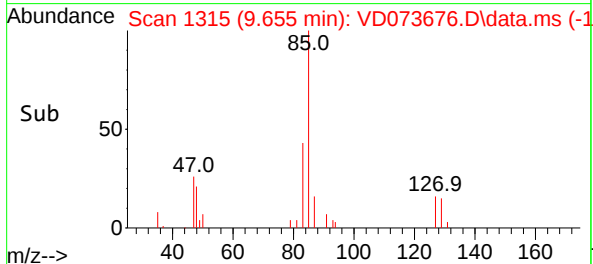
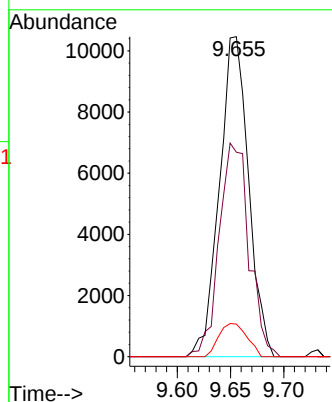
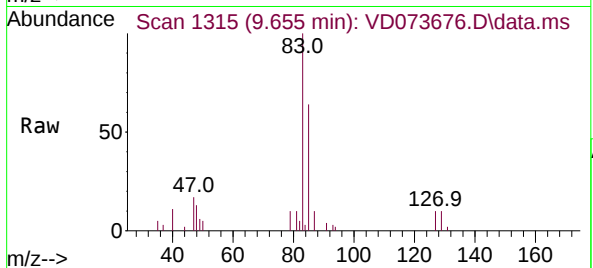
Tgt Ion: 83 Resp: 19918

Ion Ratio Lower Upper

83 100

85 63.9 54.5 81.7

127 10.2 7.7 11.5



#48

Methyl methacrylate

Concen: 4.333 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

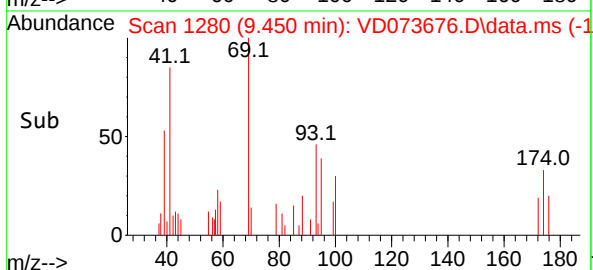
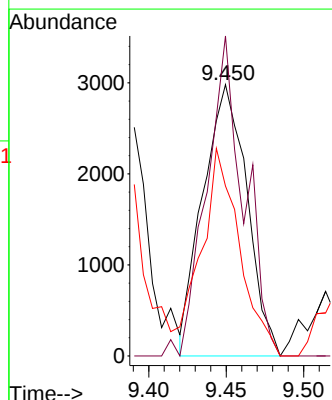
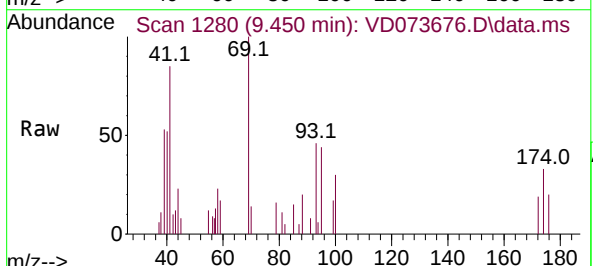
Tgt Ion: 41 Resp: 5903

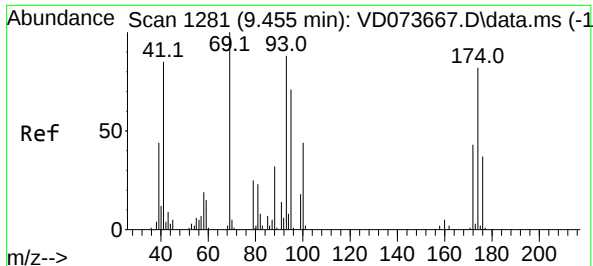
Ion Ratio Lower Upper

41 100

69 100.2 69.6 104.4

39 66.9 45.5 68.3





#49

1,4-Dioxane

Concen: 99.341 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

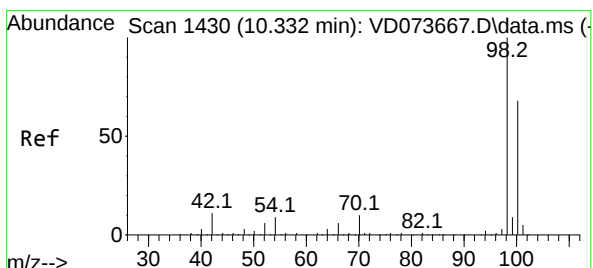
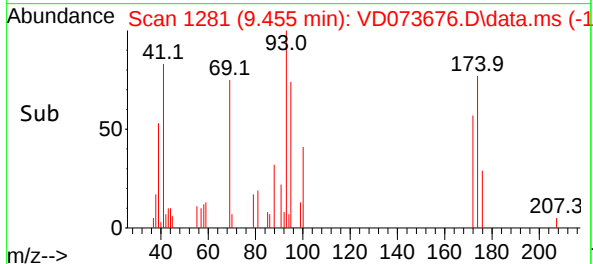
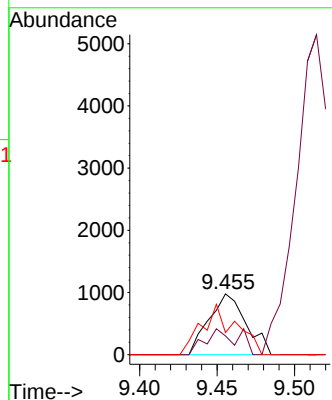
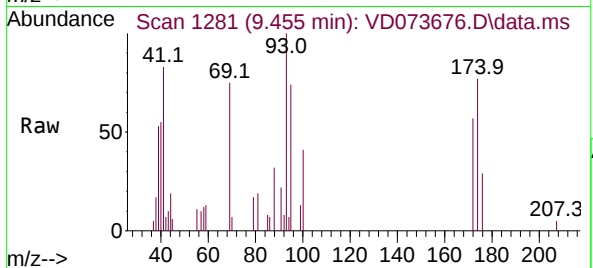
Tgt Ion: 88 Resp: 1629

Ion Ratio Lower Upper

88 100

43 36.9 24.5 36.7#

58 76.3 54.4 81.6



#50

Toluene-d8

Concen: 5.585 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073676.D

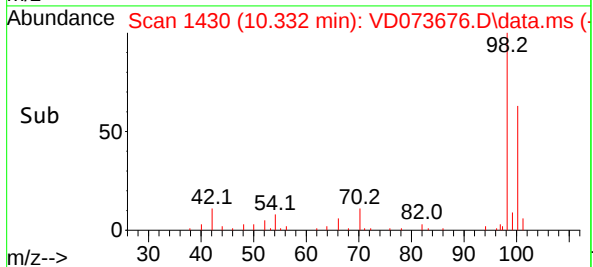
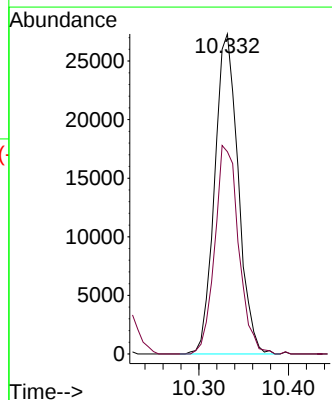
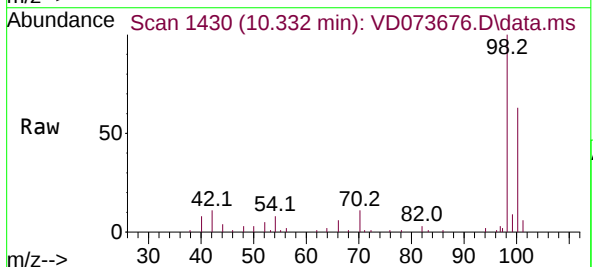
Acq: 23 Jun 2022 20:10

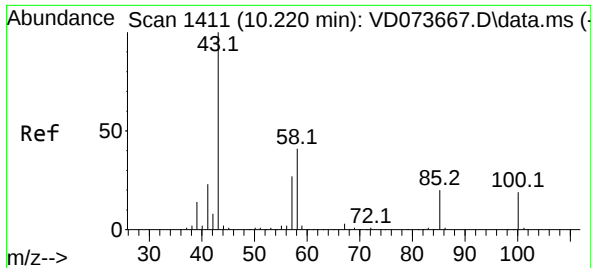
Tgt Ion: 98 Resp: 49795

Ion Ratio Lower Upper

98 100

100 66.0 54.0 81.0

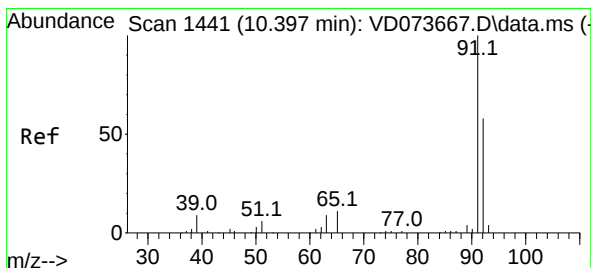
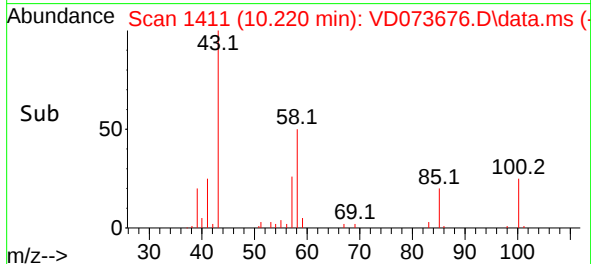
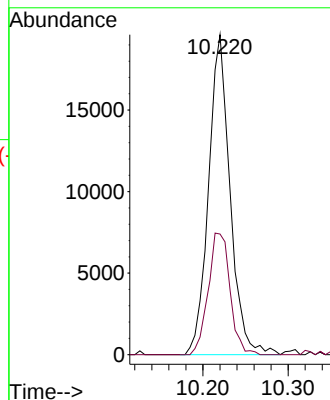
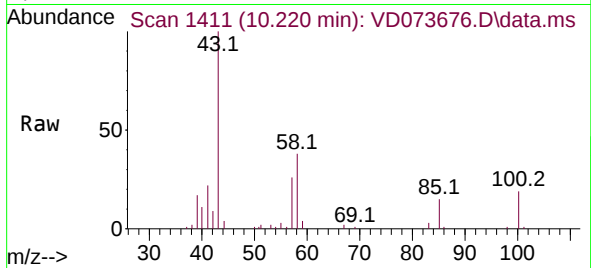




#51
4-Methyl-2-Pentanone
Concen: 24.961 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

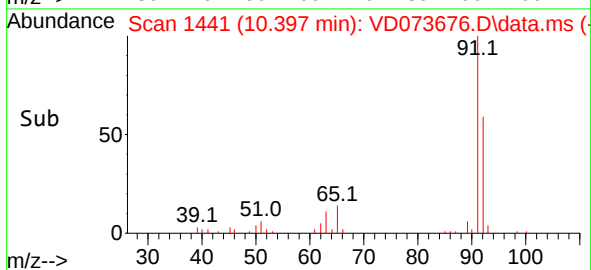
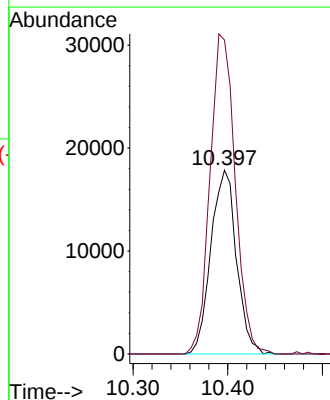
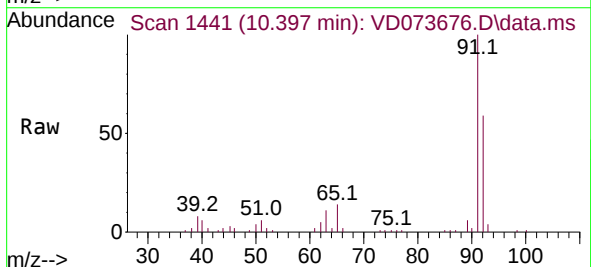
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

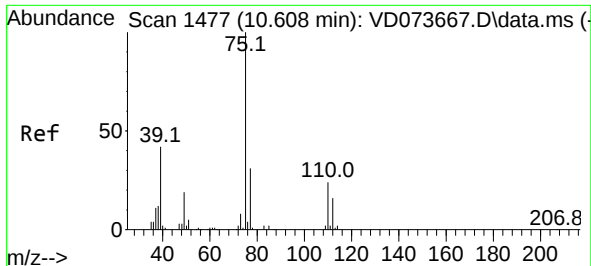
Tgt Ion: 43 Resp: 34436
Ion Ratio Lower Upper
43 100
58 38.5 32.3 48.5



#52
Toluene
Concen: 5.066 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 92 Resp: 33495
Ion Ratio Lower Upper
92 100
91 171.4 136.1 204.1

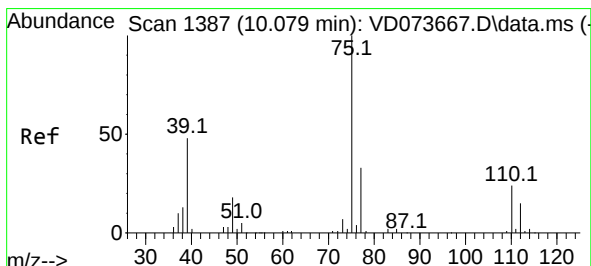
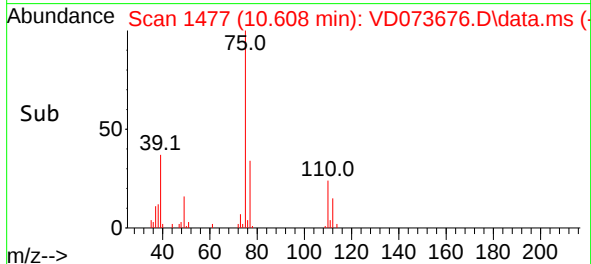
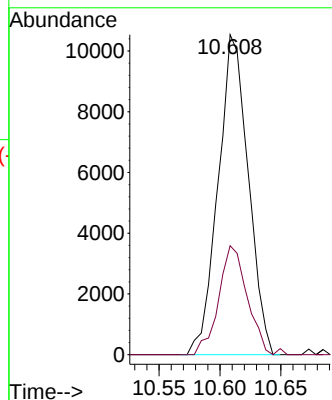
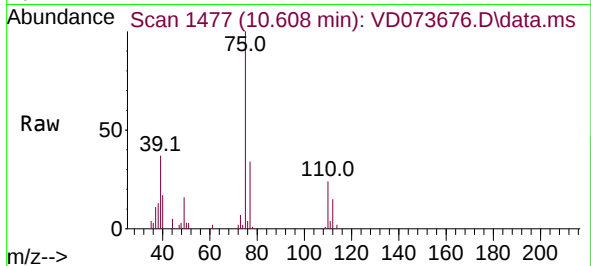




#53
t-1,3-Dichloropropene
Concen: 5.180 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

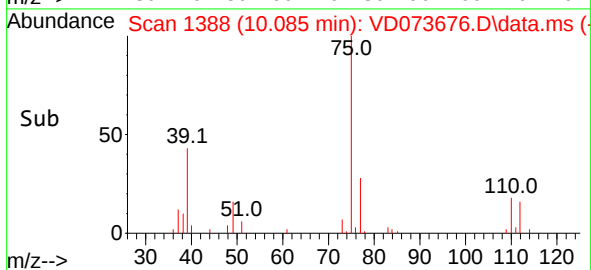
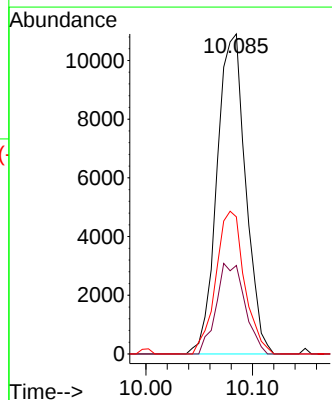
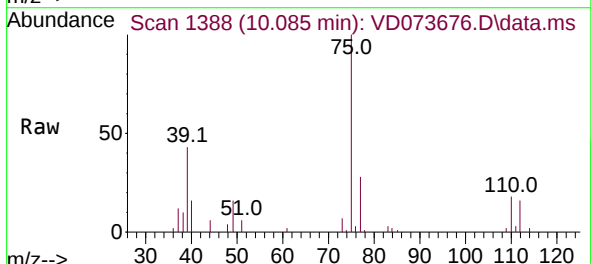
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

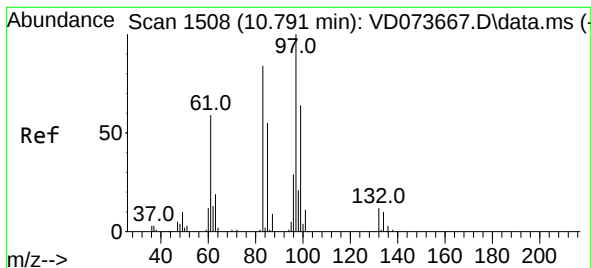
Tgt Ion: 75 Resp: 18140
Ion Ratio Lower Upper
75 100
77 34.0 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 5.100 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 75 Resp: 20331
Ion Ratio Lower Upper
75 100
77 27.7 26.2 39.2
39 42.8 38.0 57.0





#55

1,1,2-Trichloroethane

Concen: 5.011 ug/l

RT: 10.785 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 97 Resp: 10375

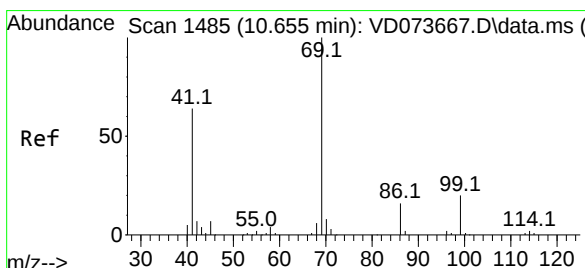
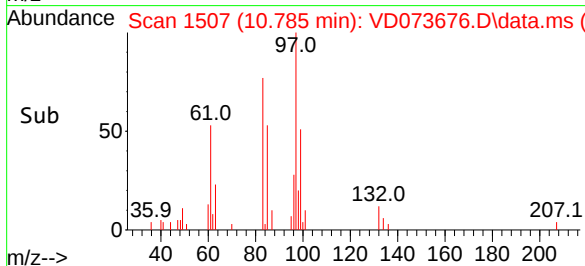
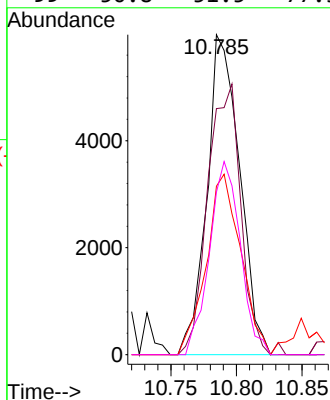
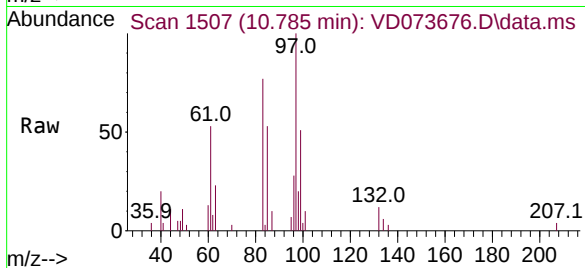
Ion Ratio Lower Upper

97 100

83 76.9 67.1 100.7

85 52.6 44.0 66.0

99 50.8 51.5 77.3#



#56

Ethyl methacrylate

Concen: 4.697 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

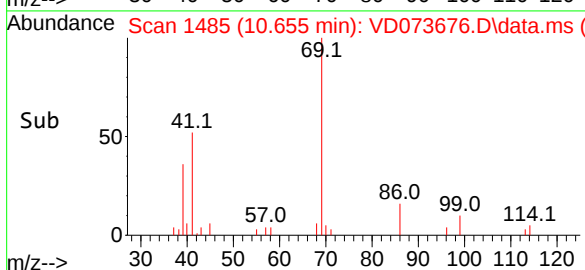
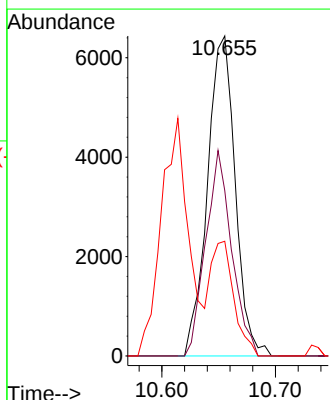
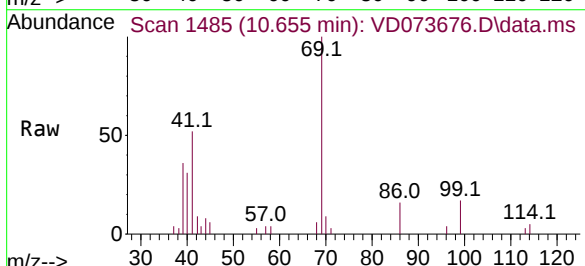
Tgt Ion: 69 Resp: 10960

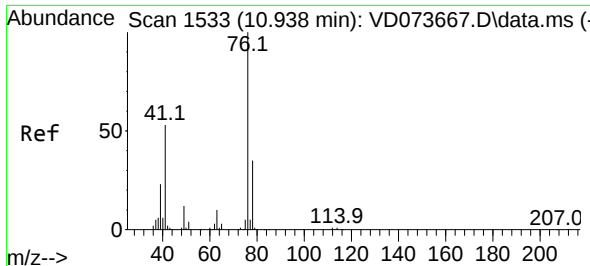
Ion Ratio Lower Upper

69 100

41 60.0 51.6 77.4

39 29.7 29.2 43.8

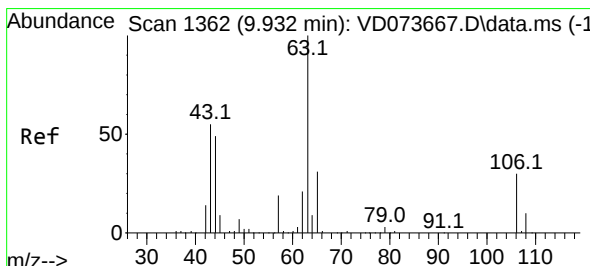
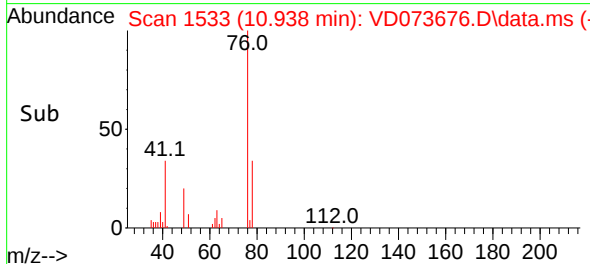
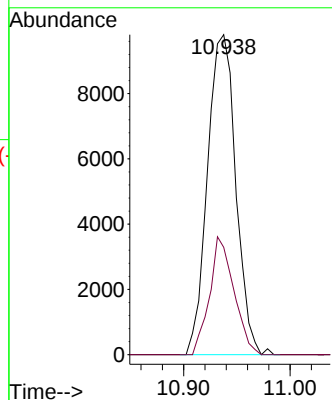
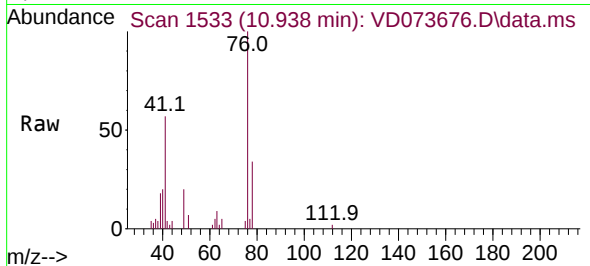




#57
1,3-Dichloropropane
Concen: 5.303 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

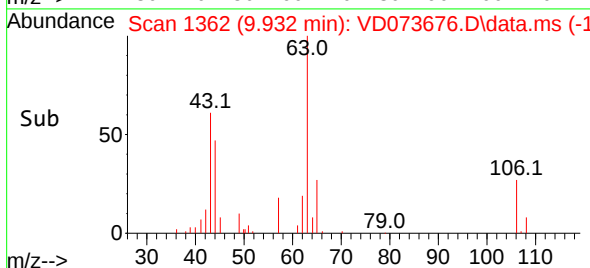
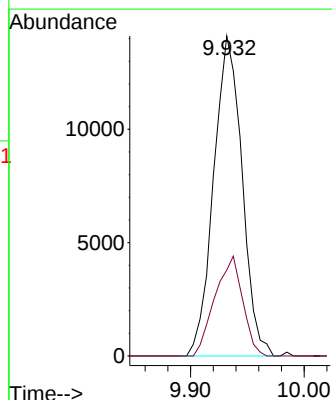
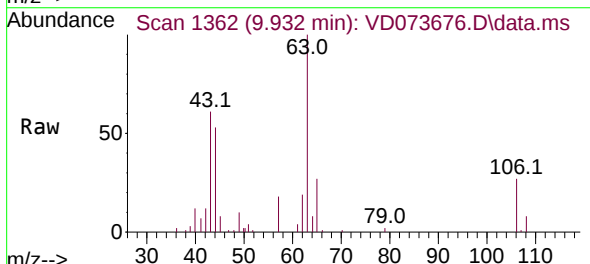
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

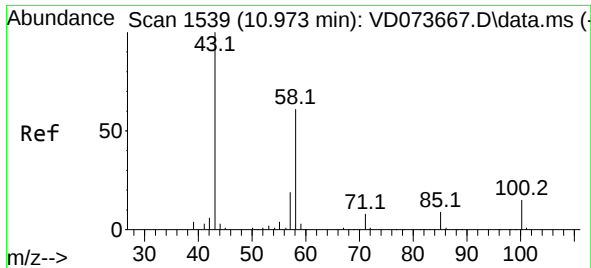
Tgt Ion: 76 Resp: 18103
Ion Ratio Lower Upper
76 100
78 31.7 27.1 40.7



#58
2-Chloroethyl Vinyl ether
Concen: 27.059 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 63 Resp: 24502
Ion Ratio Lower Upper
63 100
106 30.4 25.2 37.8

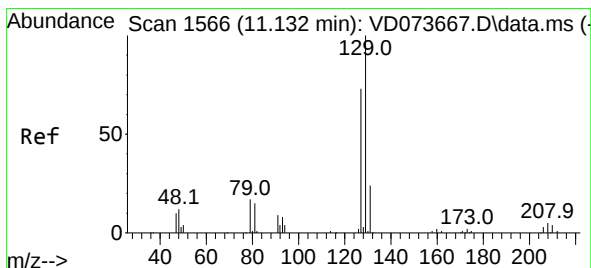
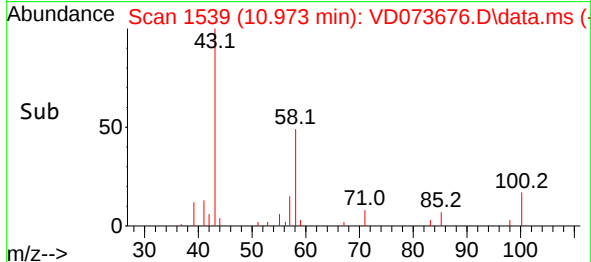
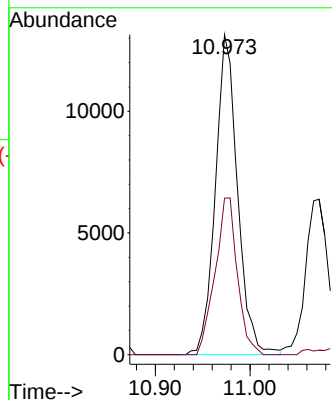
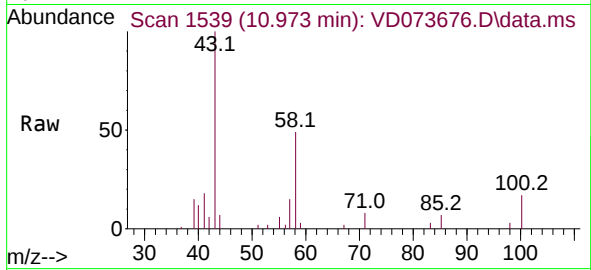




#59
2-Hexanone
Concen: 22.965 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

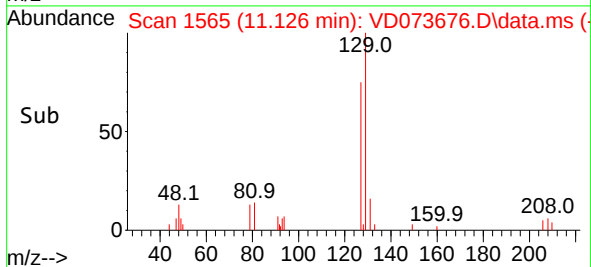
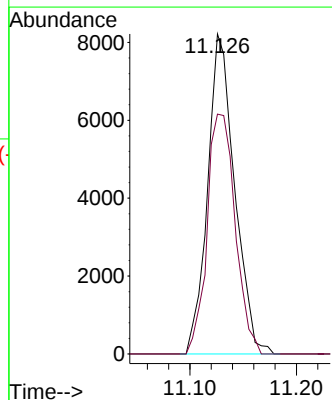
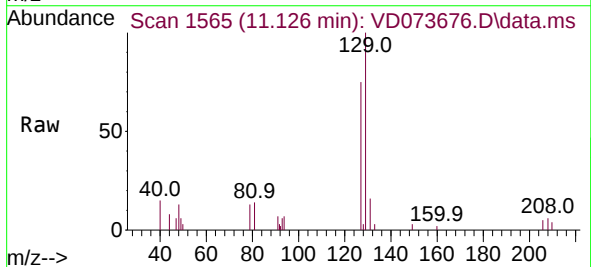
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

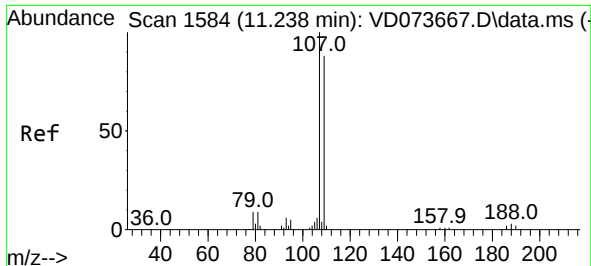
Tgt Ion: 43 Resp: 21389
Ion Ratio Lower Upper
43 100
58 49.3 28.8 86.4



#60
Dibromochloromethane
Concen: 5.305 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 129 Resp: 14474
Ion Ratio Lower Upper
129 100
127 77.8 36.8 110.4

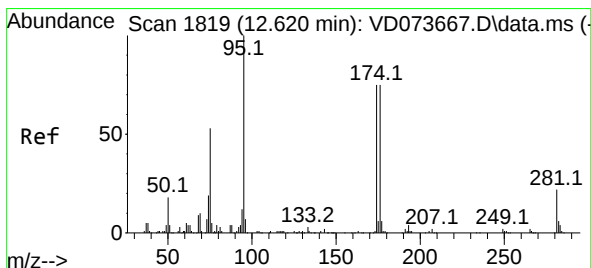
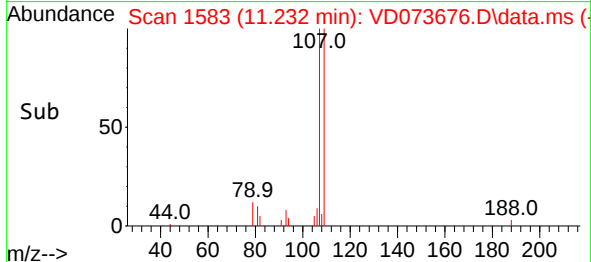
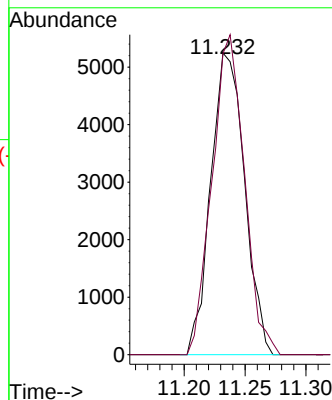
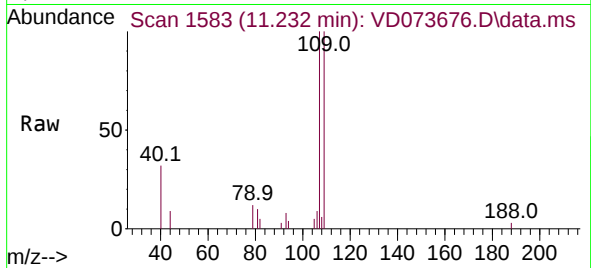




#61
1,2-Dibromoethane
Concen: 5.178 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

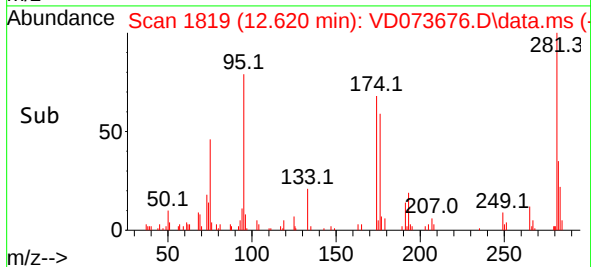
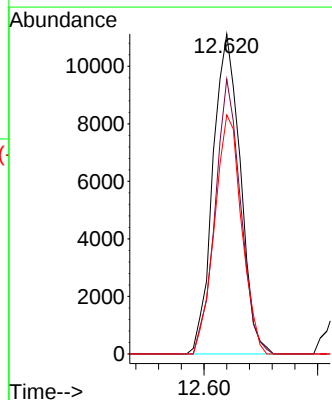
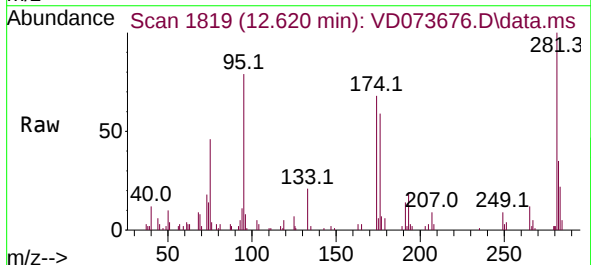
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

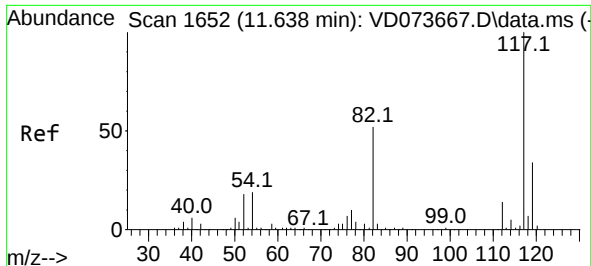
Tgt Ion:107 Resp: 10148
Ion Ratio Lower Upper
107 100
109 101.4 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 5.570 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 95 Resp: 18626
Ion Ratio Lower Upper
95 100
174 79.8 0.0 158.4
176 74.0 0.0 154.8

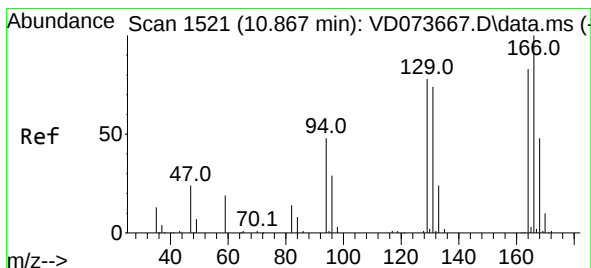
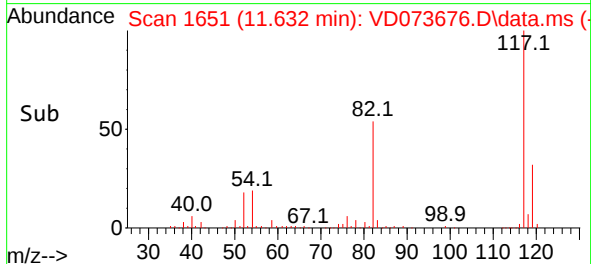
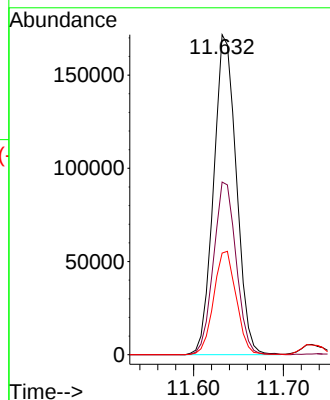
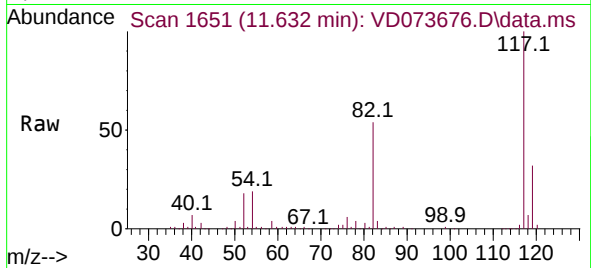




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

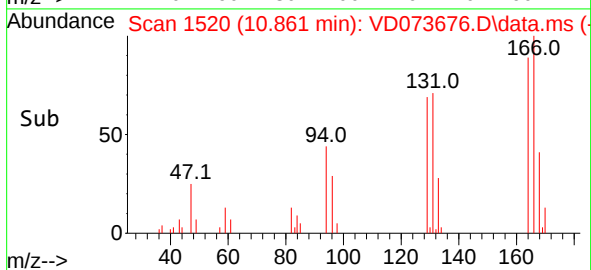
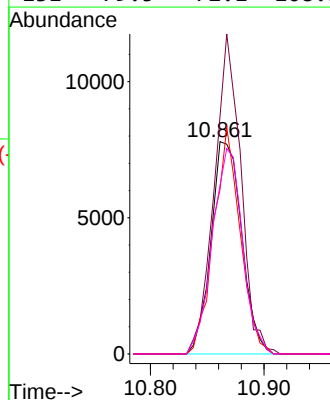
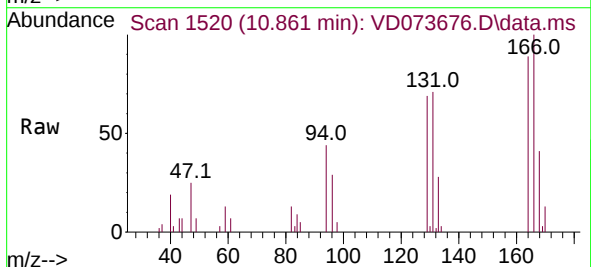
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

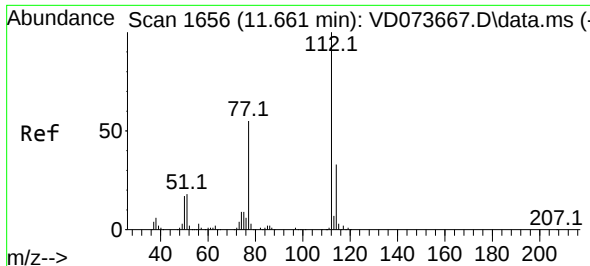
Tgt Ion:117 Resp: 301952
Ion Ratio Lower Upper
117 100
82 54.0 41.5 62.3
119 31.7 27.1 40.7



#64
Tetrachloroethene
Concen: 6.124 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:164 Resp: 14642
Ion Ratio Lower Upper
164 100
166 111.9 97.0 145.4
129 77.5 75.2 112.8
131 79.5 72.1 108.1

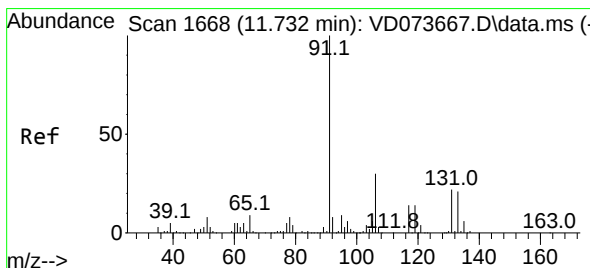
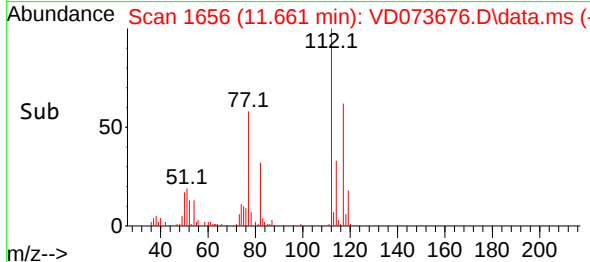
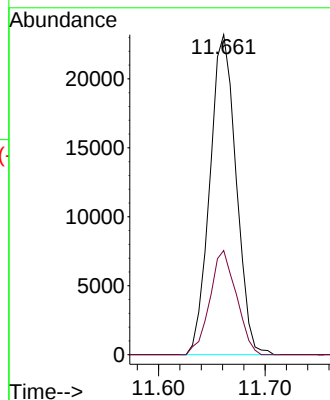
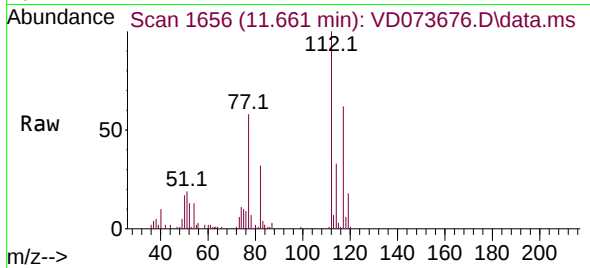




#65
Chlorobenzene
Concen: 5.376 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

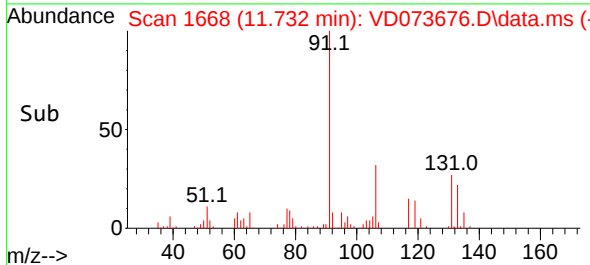
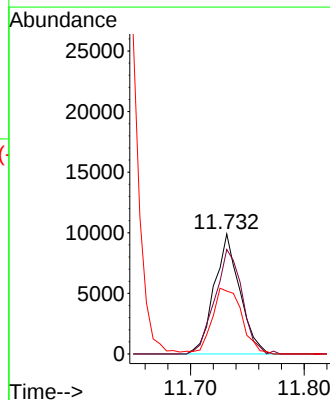
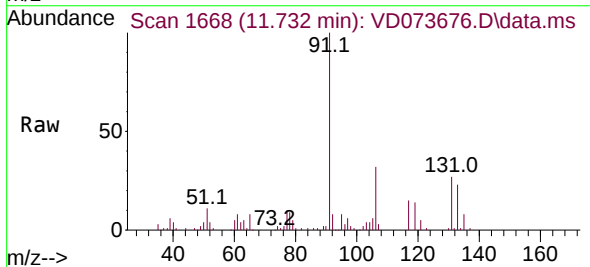
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

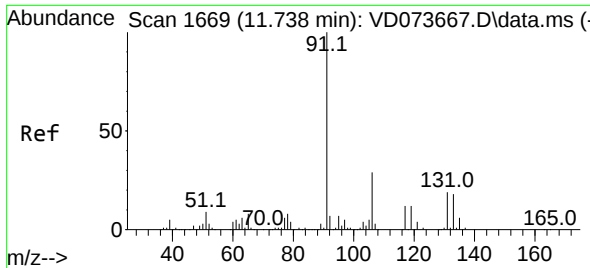
Tgt Ion:112 Resp: 39727
Ion Ratio Lower Upper
112 100
114 32.6 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.205 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:131 Resp: 15456
Ion Ratio Lower Upper
131 100
133 93.1 47.1 141.4
119 63.9 31.4 94.3

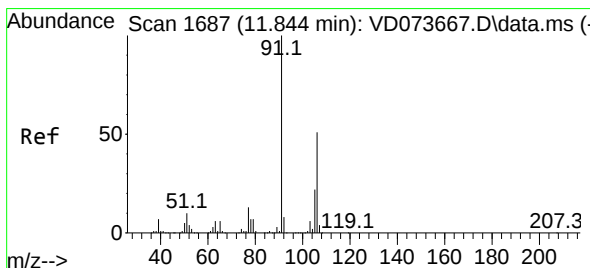
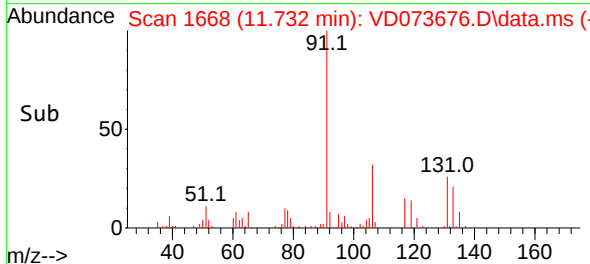
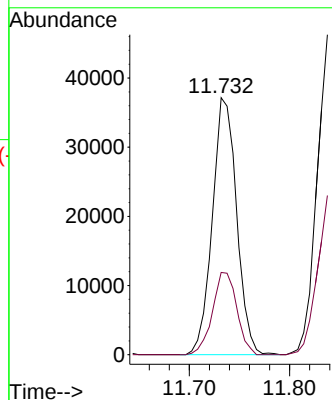
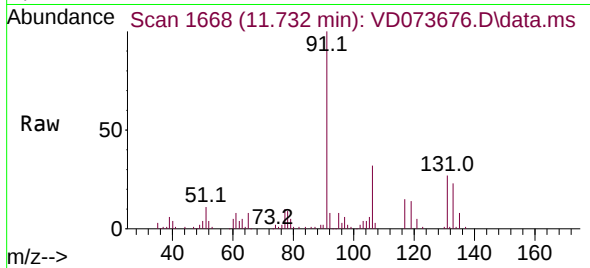




#67
Ethyl Benzene
Concen: 4.839 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

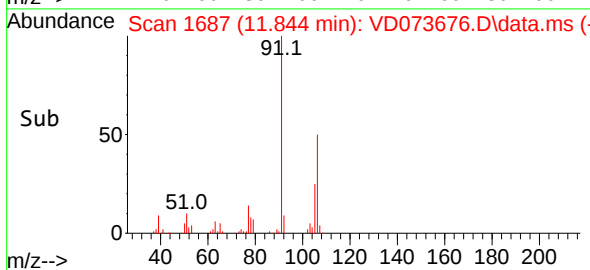
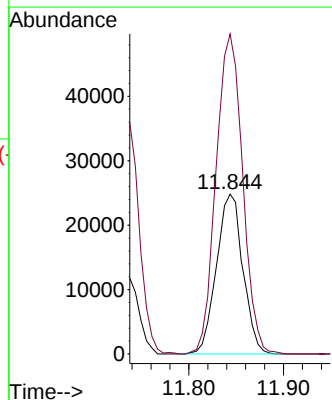
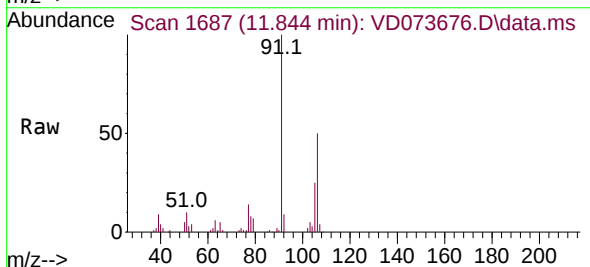
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

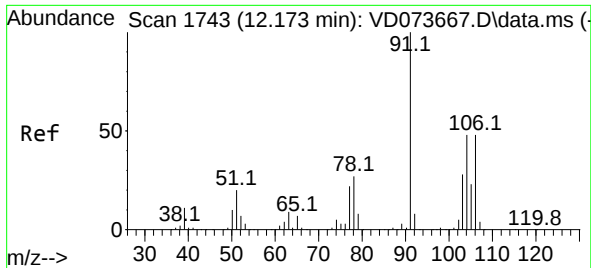
Tgt Ion: 91 Resp: 62413
Ion Ratio Lower Upper
91 100
106 32.0 23.5 35.3



#68
m/p-Xylenes
Concen: 9.639 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:106 Resp: 48040
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2

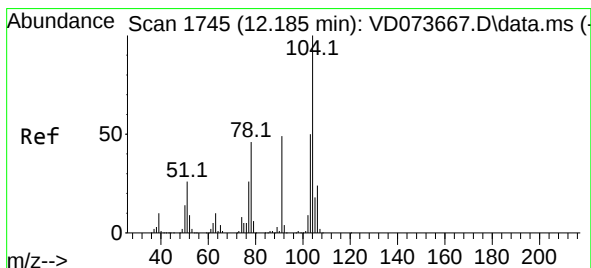
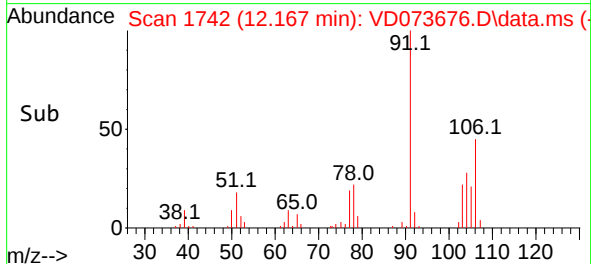
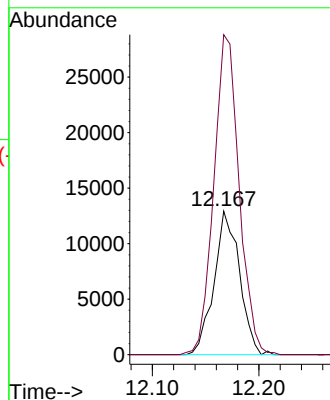
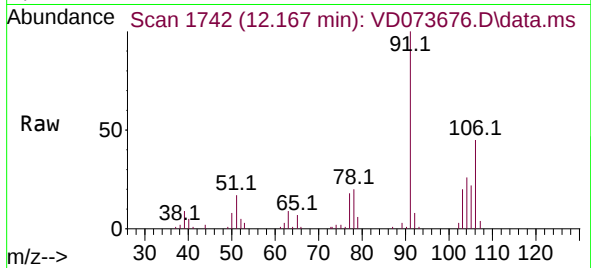




#69
o-Xylene
Concen: 4.648 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

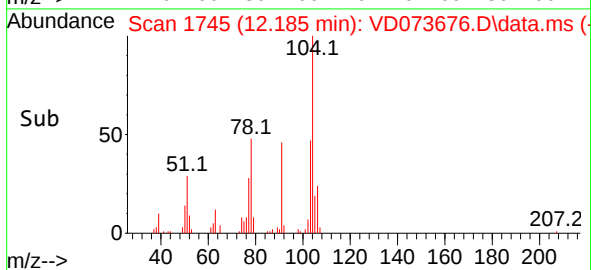
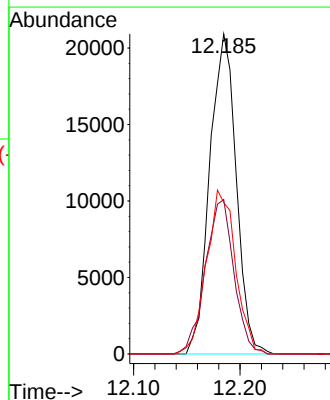
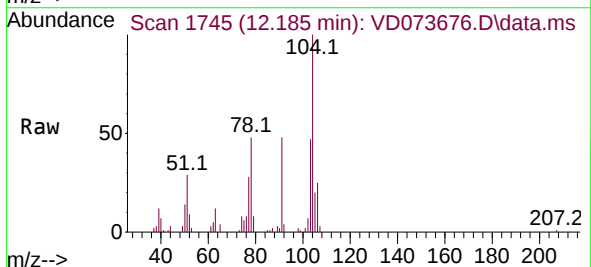
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

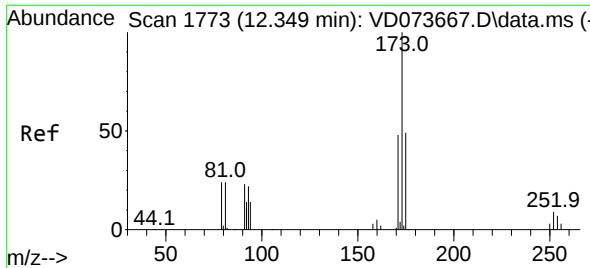
Tgt Ion:106 Resp: 21486
Ion Ratio Lower Upper
106 100
91 221.5 107.6 322.8



#70
Styrene
Concen: 4.460 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:104 Resp: 36079
Ion Ratio Lower Upper
104 100
78 52.0 39.8 59.8
103 56.5 43.3 64.9

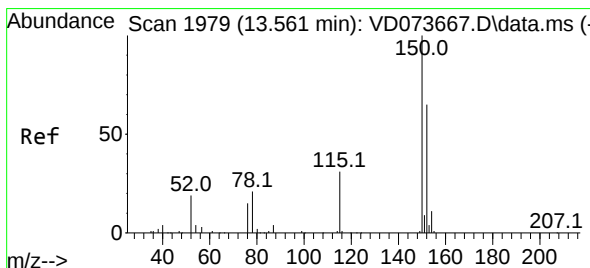
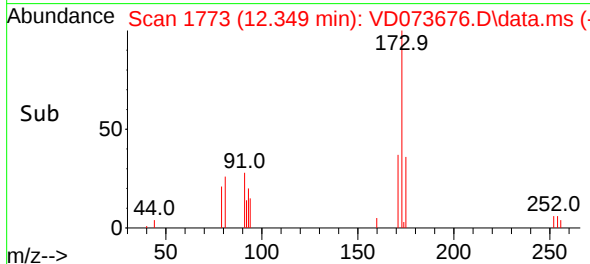
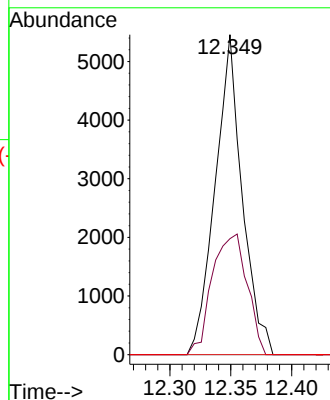
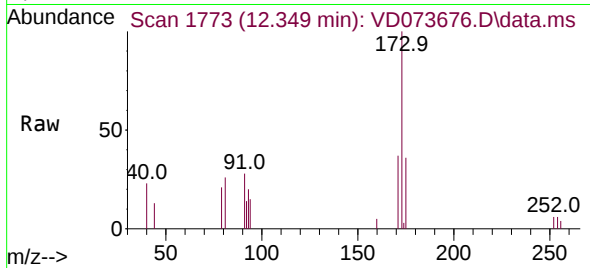




#71
Bromoform
Concen: 5.216 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

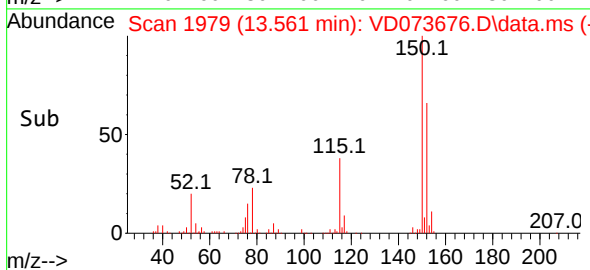
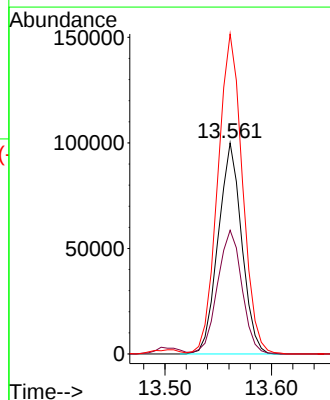
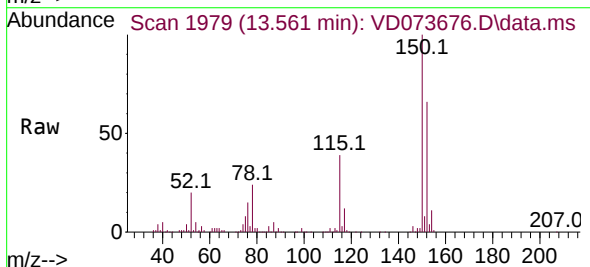
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

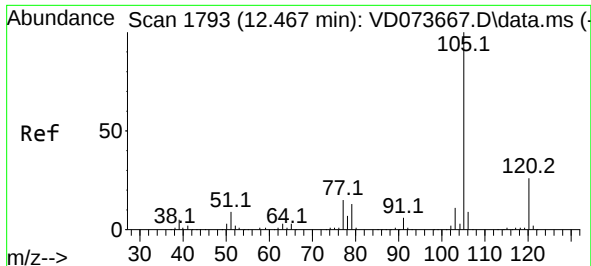
Tgt Ion:173 Resp: 8431
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:152 Resp: 152975
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.6
150 159.5 0.0 355.0

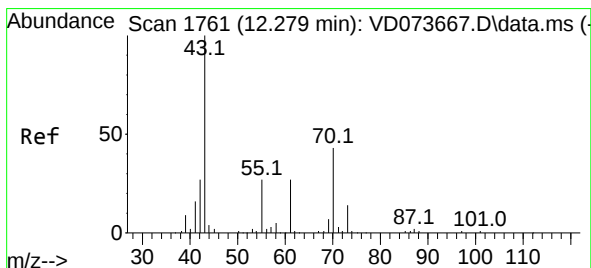
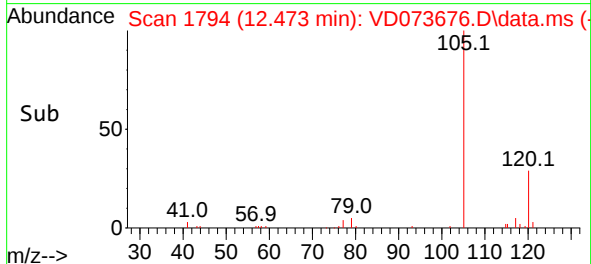
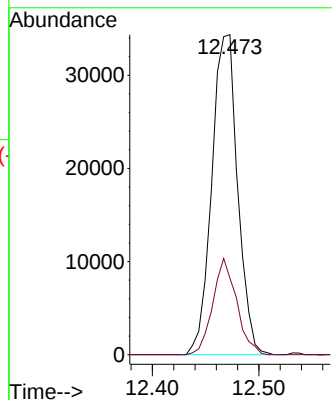
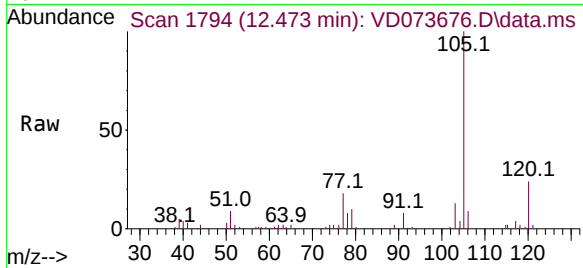




#73
Isopropylbenzene
Concen: 4.644 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

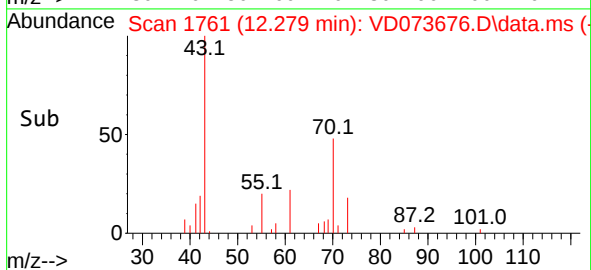
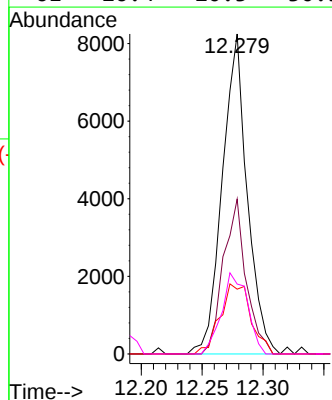
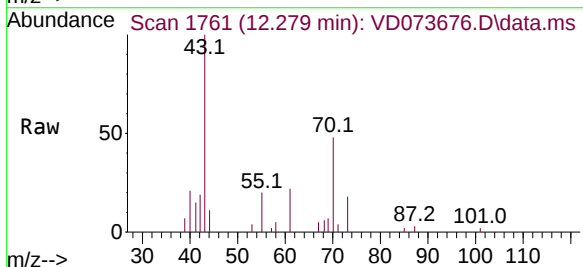
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

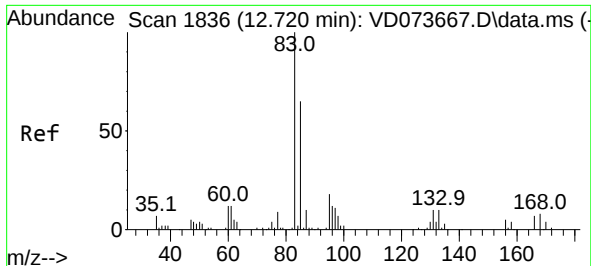
Tgt Ion:105 Resp: 58010
Ion Ratio Lower Upper
105 100
120 27.7 13.2 39.6



#74
N-ethyl acetate
Concen: 4.592 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 43 Resp: 11736
Ion Ratio Lower Upper
43 100
70 44.6 35.0 52.6
55 27.0 21.0 31.4
61 26.4 20.3 30.5

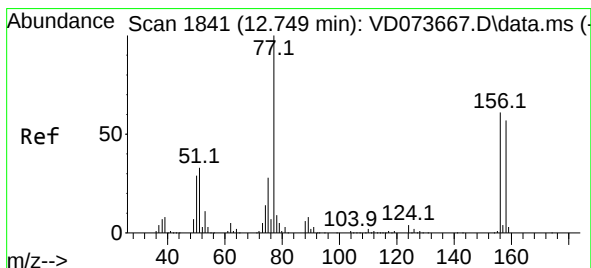
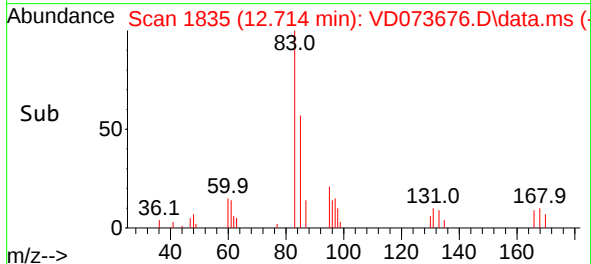
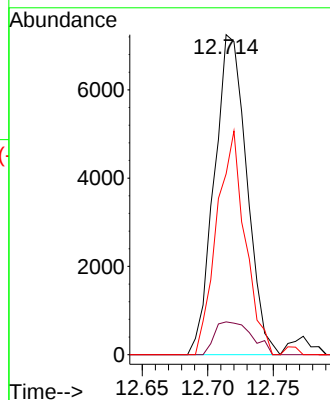
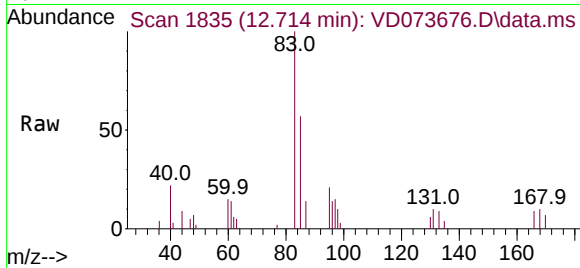




#75
1,1,2,2-Tetrachloroethane
Concen: 5.288 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

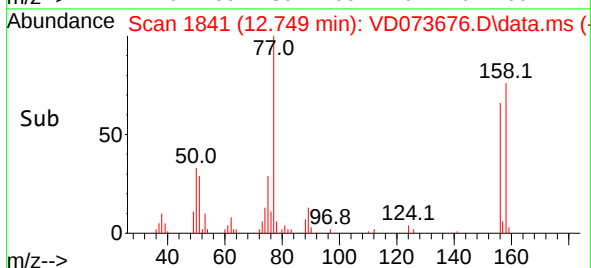
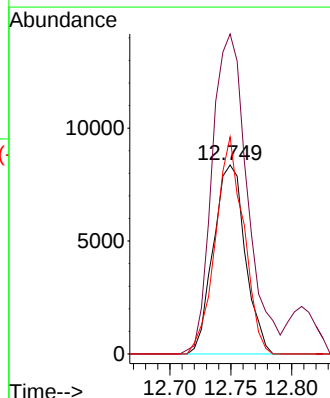
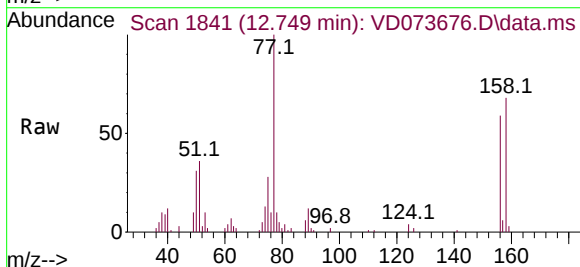
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

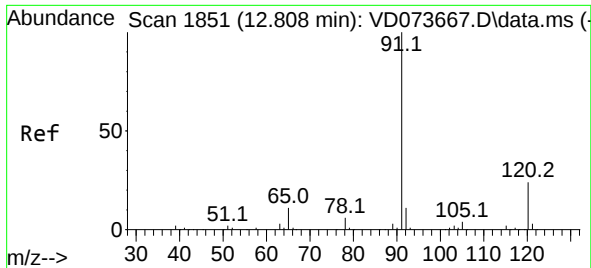
Tgt Ion: 83 Resp: 12462
Ion Ratio Lower Upper
83 100
131 11.8 5.5 16.7
85 61.4 32.3 96.9



#77
Bromobenzene
Concen: 5.072 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:156 Resp: 15235
Ion Ratio Lower Upper
156 100
77 187.0 90.9 272.7
158 101.9 48.4 145.2

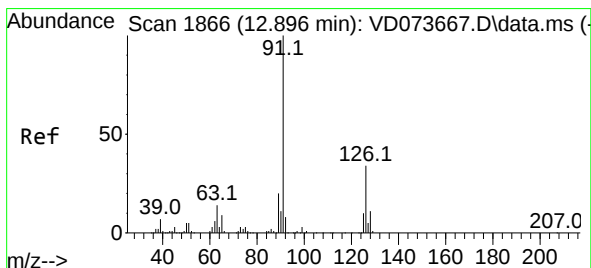
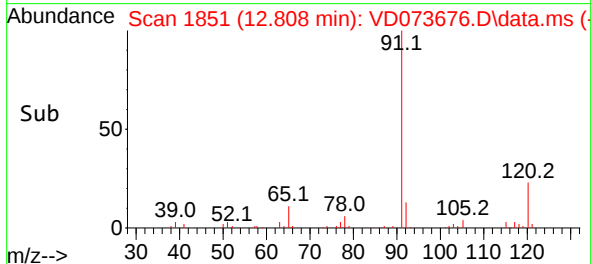
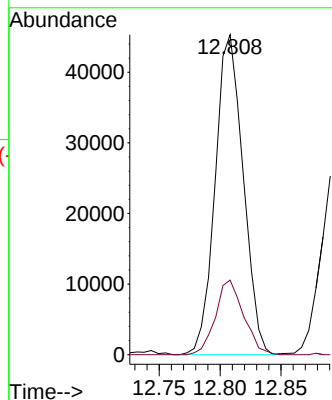
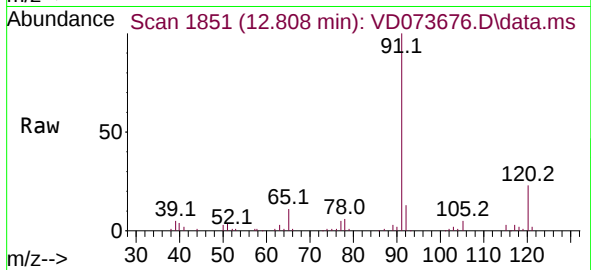




#78
n-propylbenzene
Concen: 4.747 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

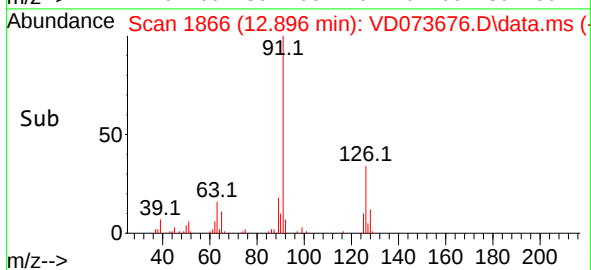
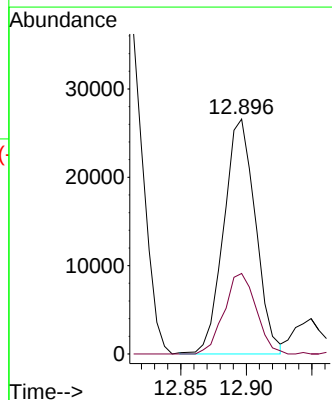
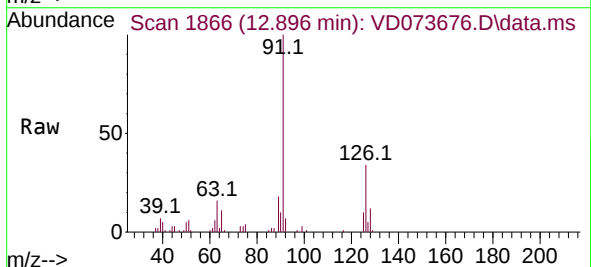
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

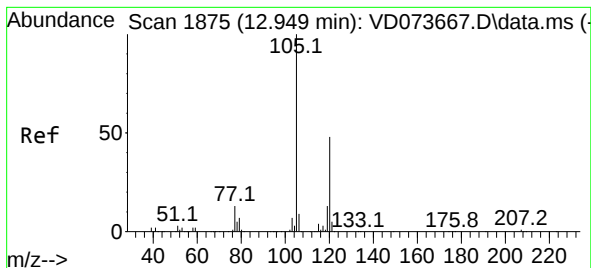
Tgt Ion: 91 Resp: 72474
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.3



#79
2-Chlorotoluene
Concen: 5.025 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 91 Resp: 44694
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 4.713 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

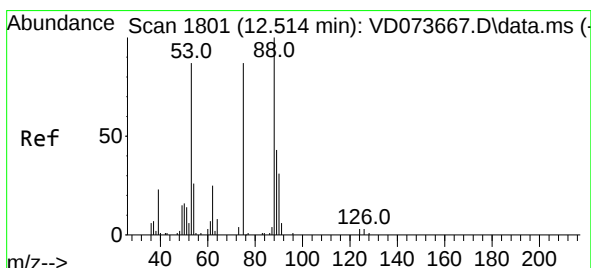
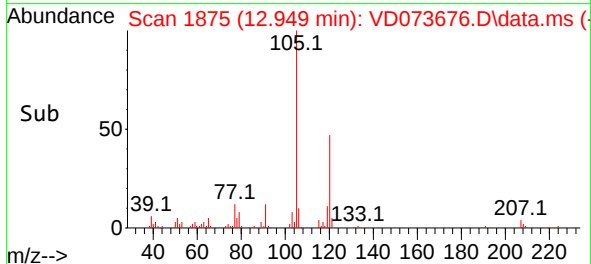
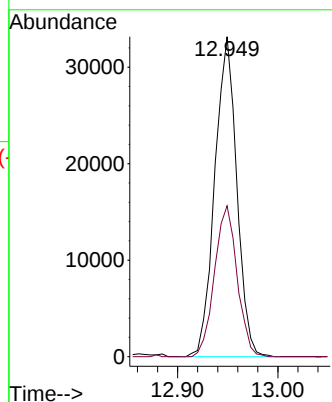
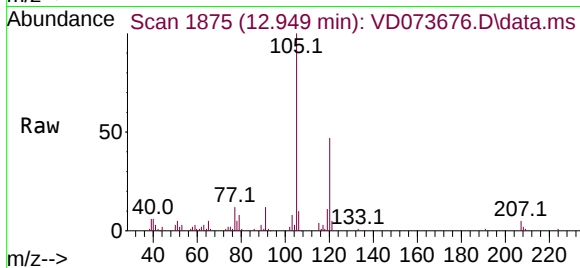
LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 50475

Ion Ratio Lower Upper

105 100

120 48.5 24.5 73.5



#81

trans-1,4-Dichloro-2-butene

Concen: 4.723 ug/l

RT: 12.514 min Scan# 1801

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

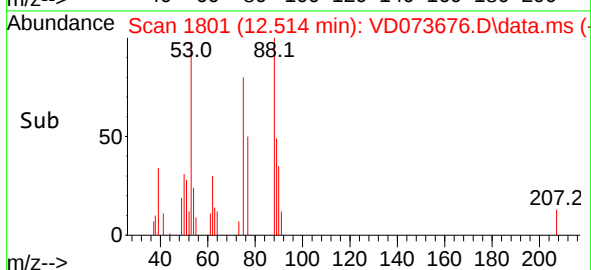
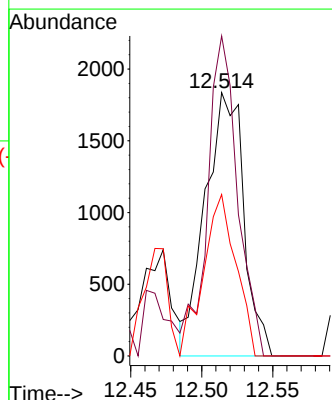
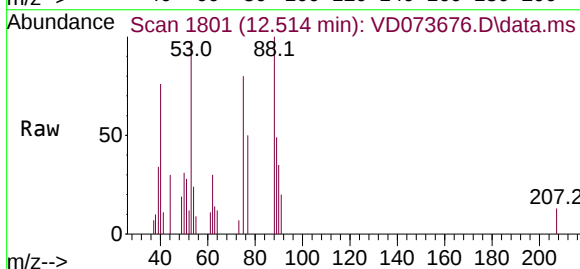
Tgt Ion: 75 Resp: 3444

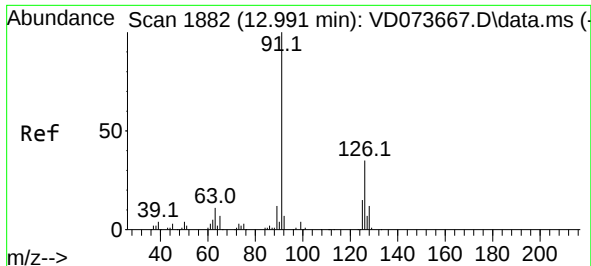
Ion Ratio Lower Upper

75 100

53 95.2 77.0 115.6

89 52.2 37.8 56.8

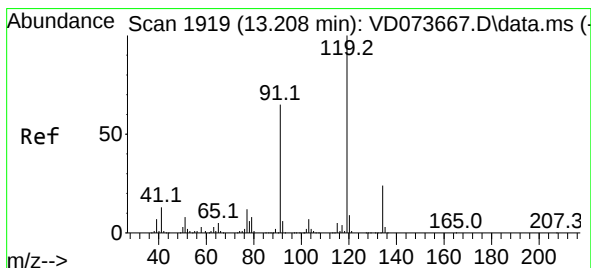
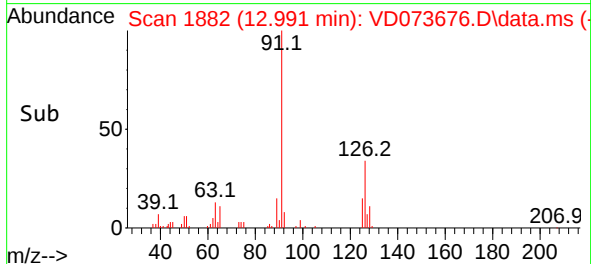
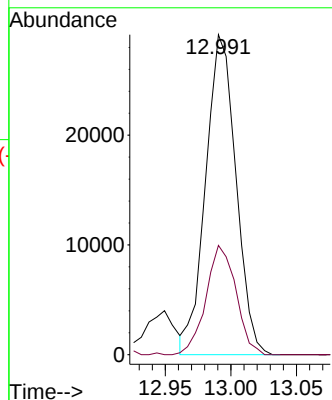
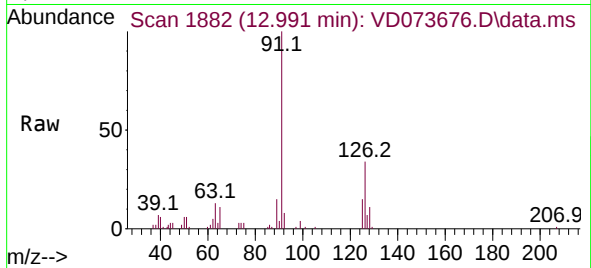




#82
4-Chlorotoluene
Concen: 4.955 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

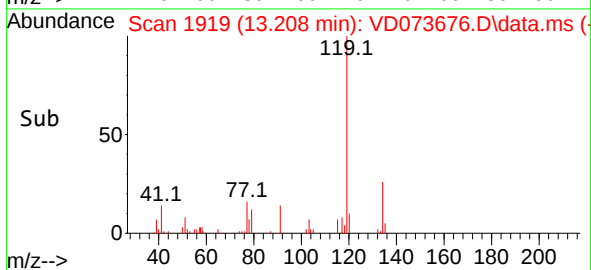
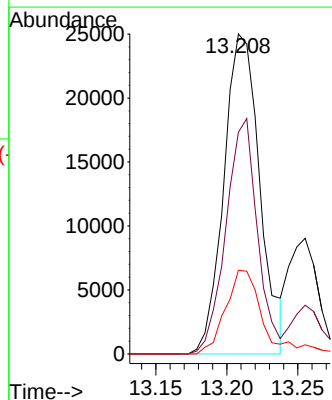
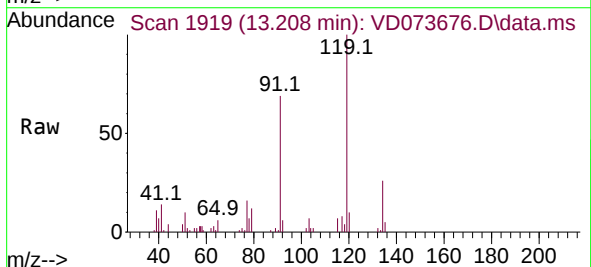
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

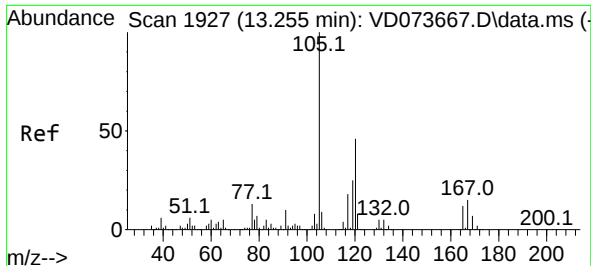
Tgt Ion: 91 Resp: 46846
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4



#83
tert-Butylbenzene
Concen: 4.679 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion: 119 Resp: 44049
Ion Ratio Lower Upper
119 100
91 64.5 32.1 96.5
134 27.1 12.4 37.4

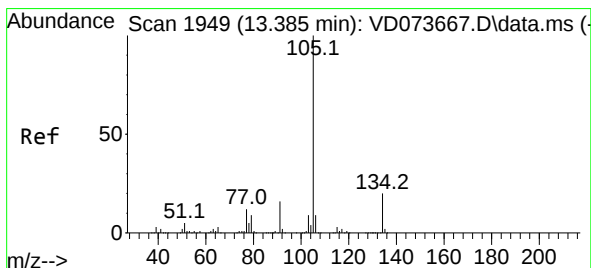
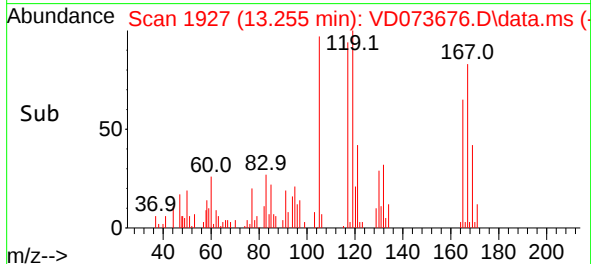
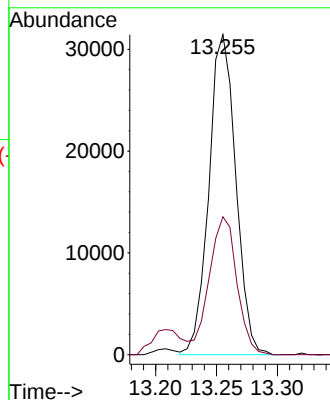
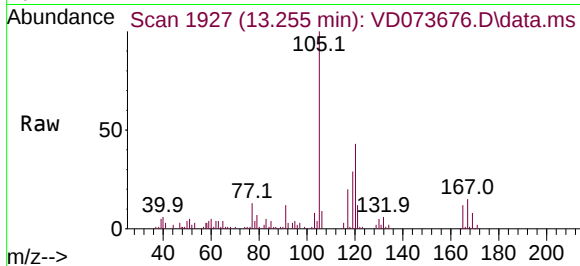




#84
1,2,4-Trimethylbenzene
Concen: 4.597 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

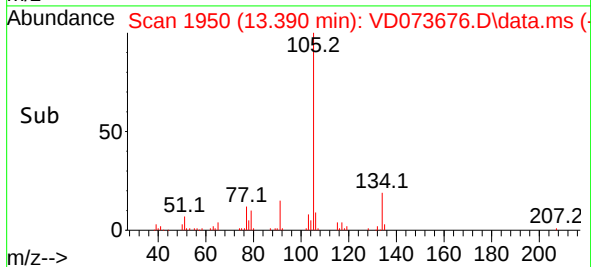
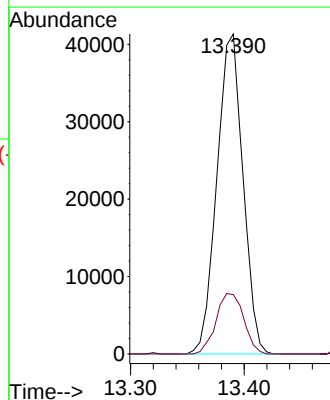
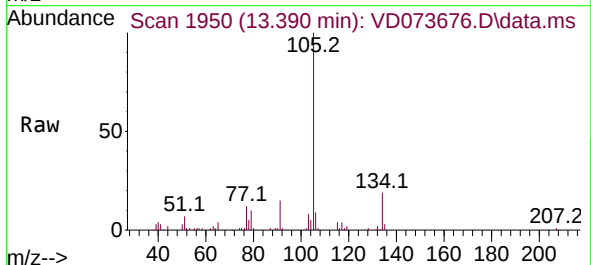
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

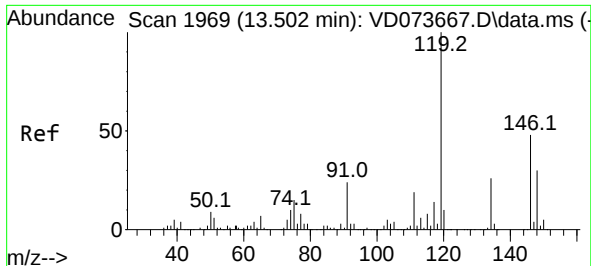
Tgt Ion:105 Resp: 48355
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.8



#85
sec-Butylbenzene
Concen: 4.758 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:105 Resp: 65871
Ion Ratio Lower Upper
105 100
134 20.1 10.4 31.2

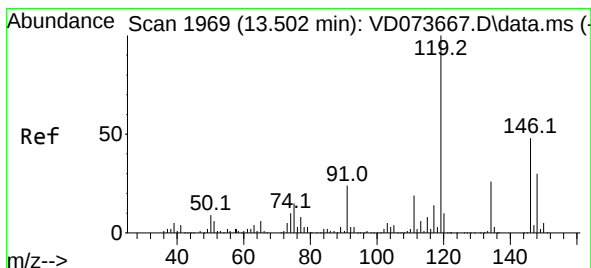
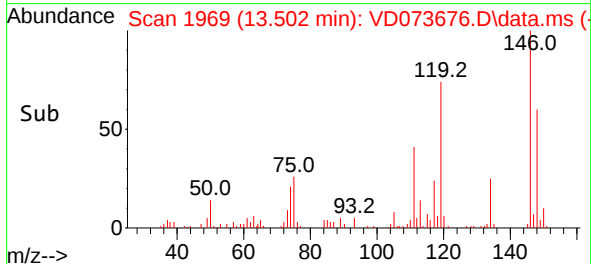
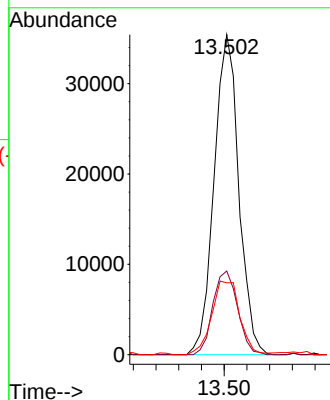
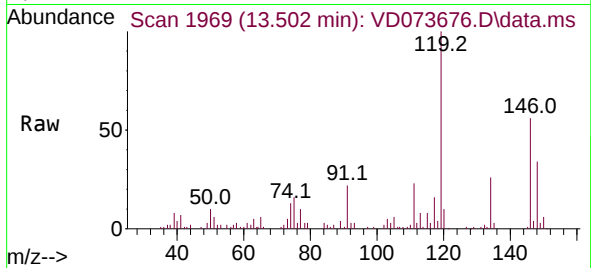




#86
p-Isopropyltoluene
Concen: 4.639 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

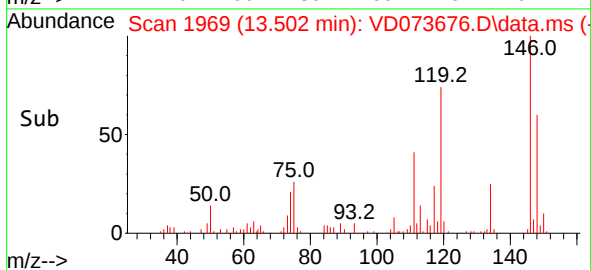
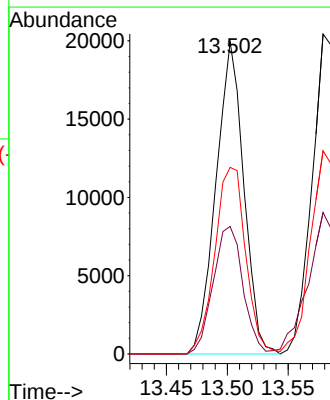
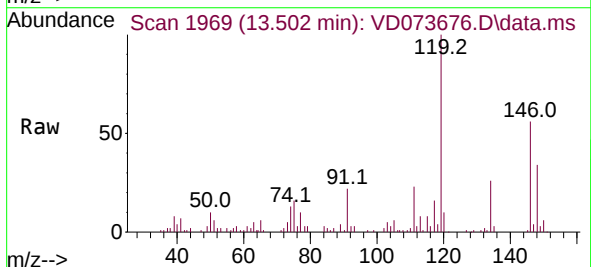
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

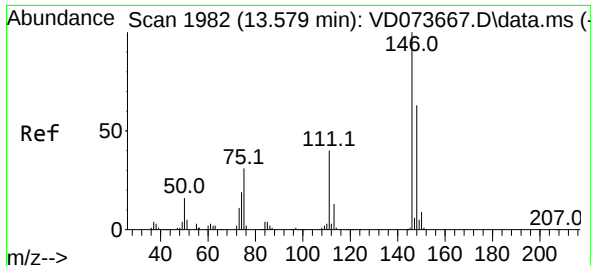
Tgt Ion:119 Resp: 53464
Ion Ratio Lower Upper
119 100
134 26.1 13.0 39.0
91 26.2 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 5.064 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:146 Resp: 31680
Ion Ratio Lower Upper
146 100
111 43.7 20.3 60.9
148 66.5 31.6 95.0

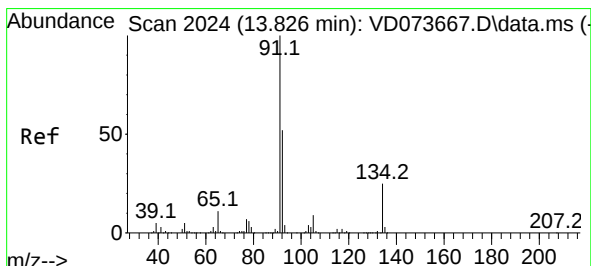
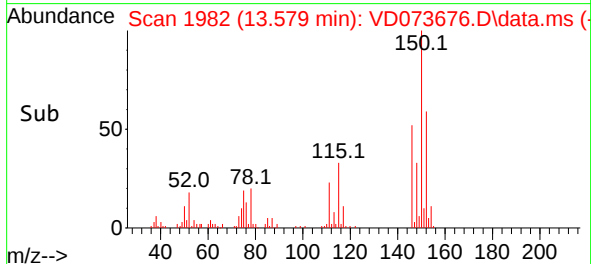
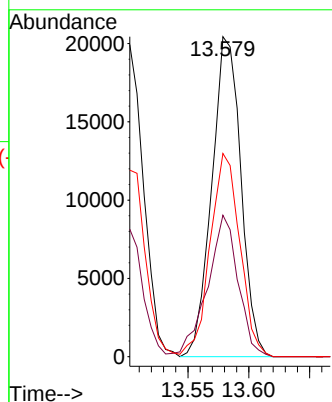
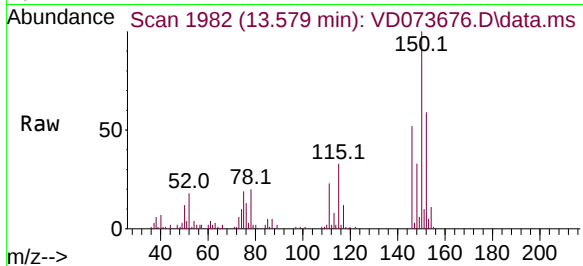




#88
1,4-Dichlorobenzene
Concen: 5.490 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

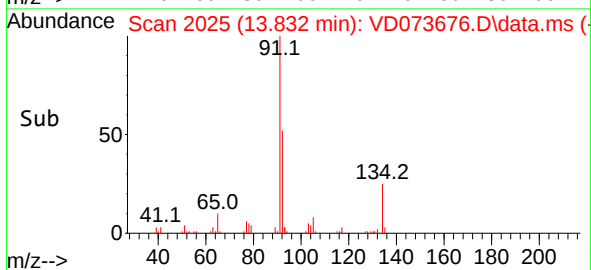
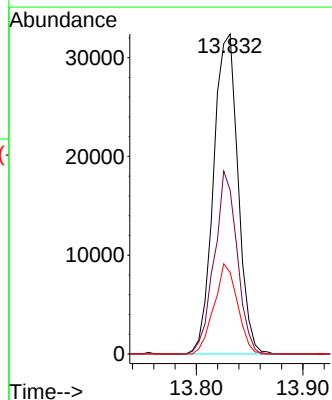
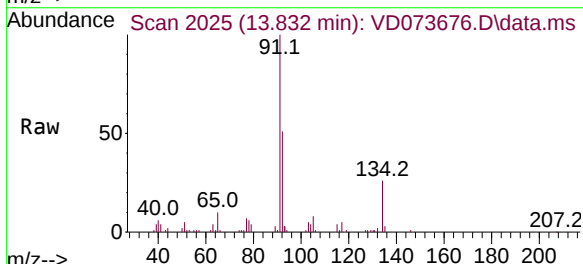
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

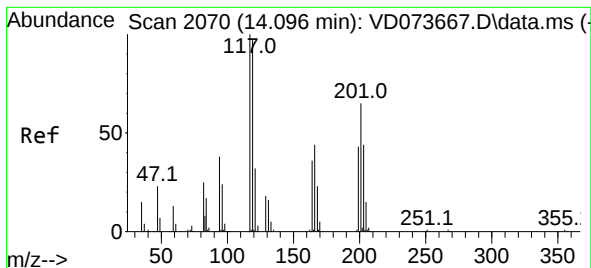
Tgt Ion:	146	Resp:	33988
Ion Ratio	Lower	Upper	
146	100		
111	46.7	19.6	58.8
148	64.8	31.8	95.3



#89
n-Butylbenzene
Concen: 4.777 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

Tgt Ion:	91	Resp:	51561
Ion Ratio	Lower	Upper	
91	100		
92	53.4	26.4	79.2
134	27.1	12.7	38.0





#90

Hexachloroethane

Concen: 5.536 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

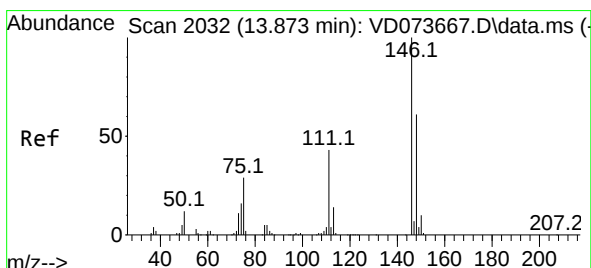
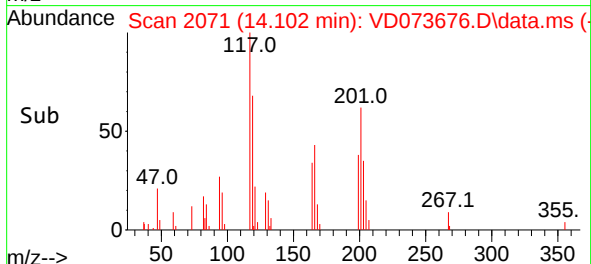
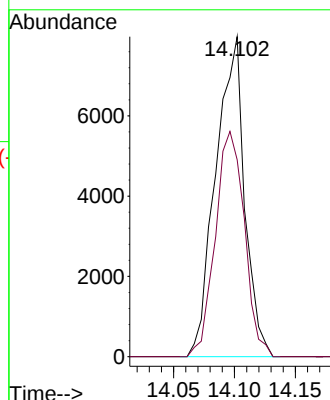
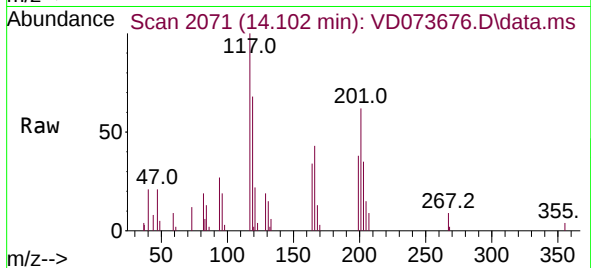
LOQ-SOIL-02-QT2-2022

Tgt Ion:117 Resp: 13153

Ion Ratio Lower Upper

117 100

201 71.0 33.8 101.4



#91

1,2-Dichlorobenzene

Concen: 5.324 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073676.D

Acq: 23 Jun 2022 20:10

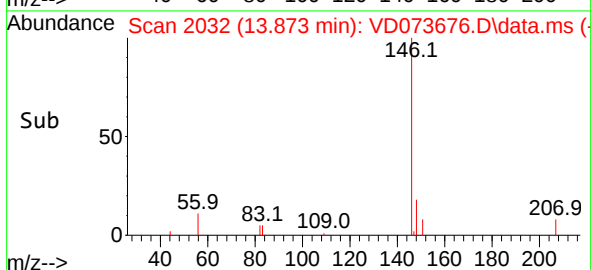
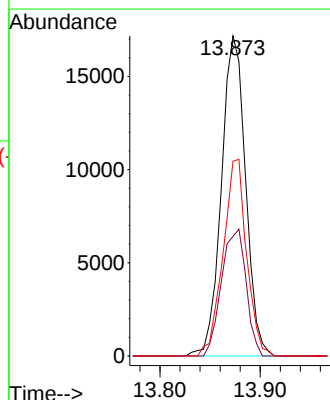
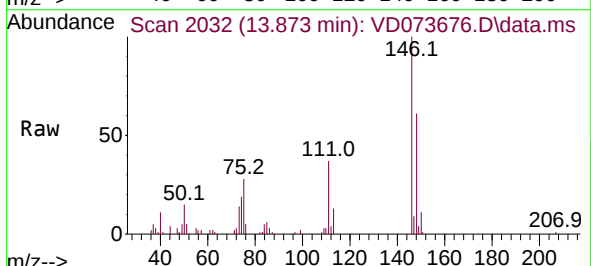
Tgt Ion:146 Resp: 28657

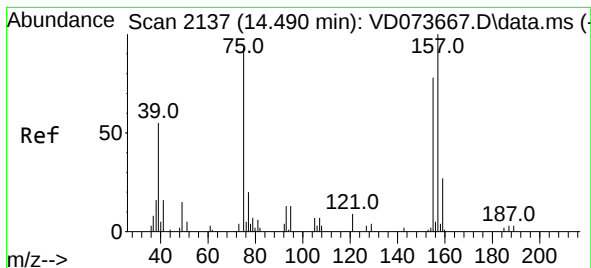
Ion Ratio Lower Upper

146 100

111 40.3 21.1 63.3

148 60.0 31.6 94.7

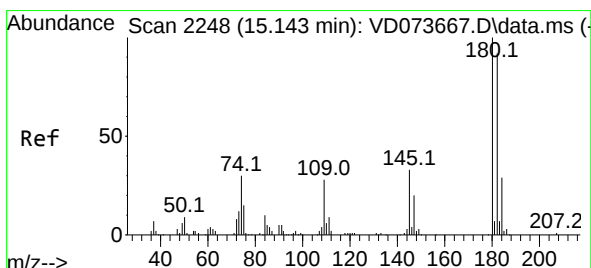
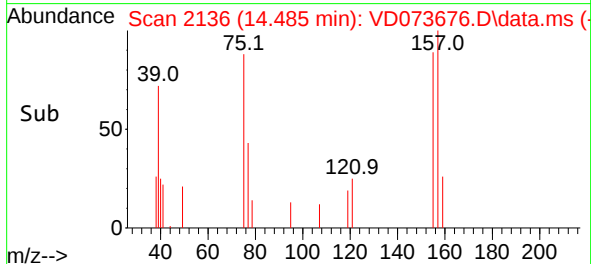
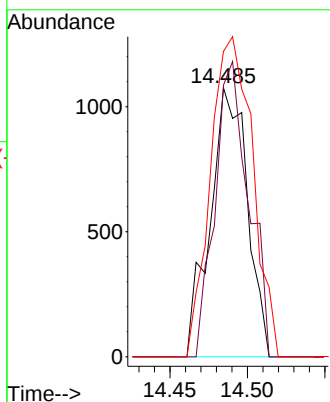
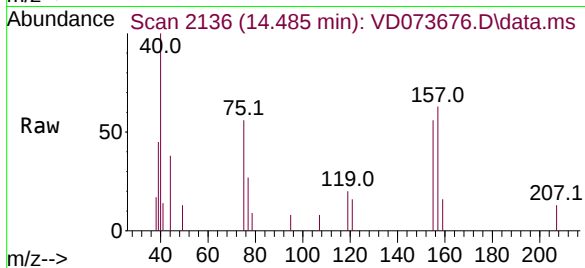




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.555 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. -0.006 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

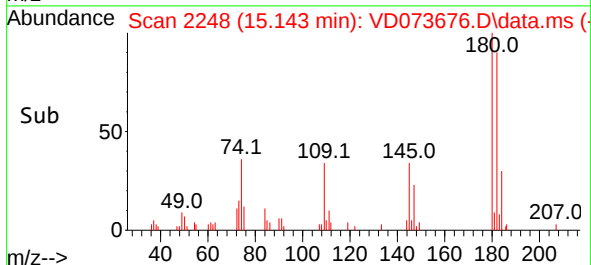
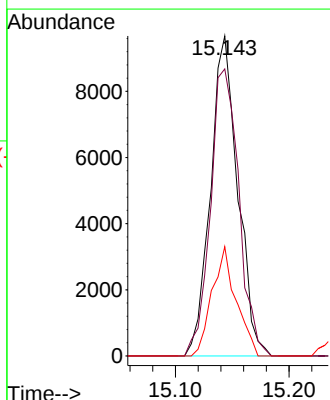
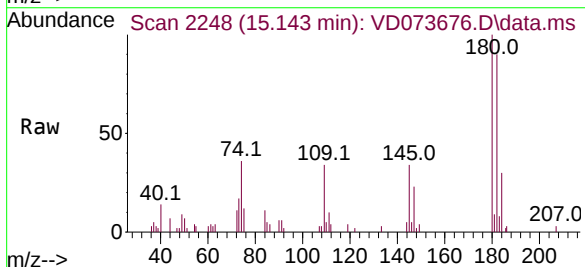
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

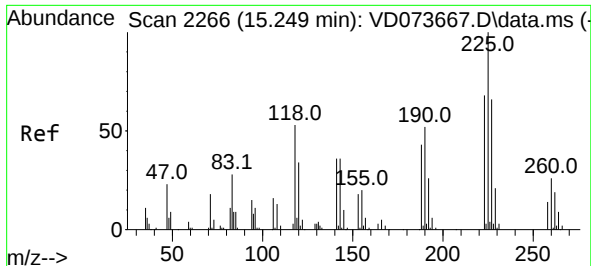
Tgt Ion: 75 Resp: 1792
 Ion Ratio Lower Upper
 75 100
 155 98.9 41.2 123.6
 157 135.0 55.5 166.5



#93
 1,2,4-Trichlorobenzene
 Concen: 5.020 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

Tgt Ion: 180 Resp: 16135
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.0 144.0
 145 30.2 16.2 48.5

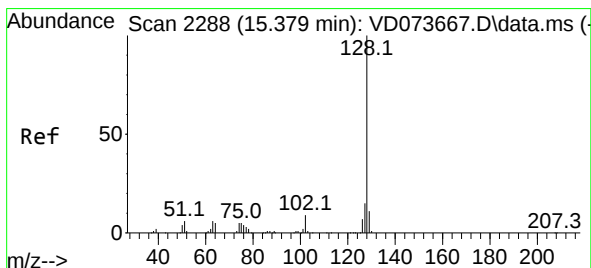
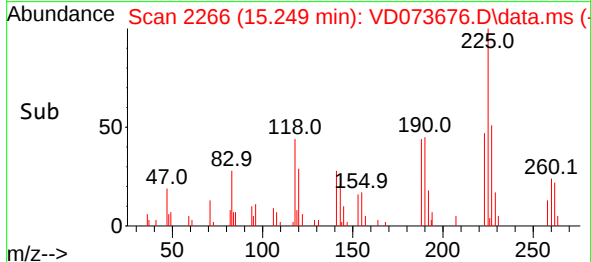
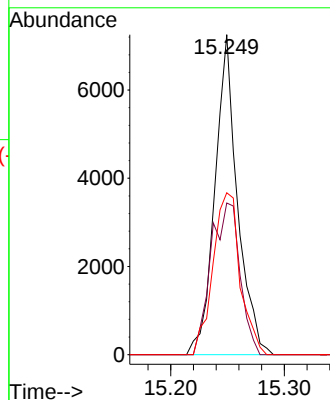
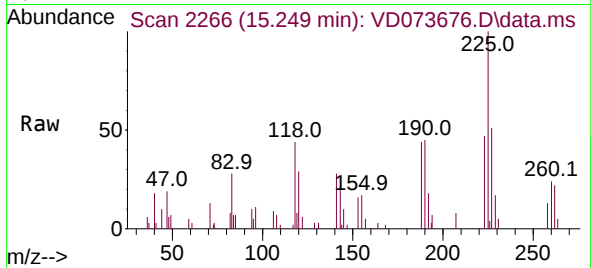




#94
Hexachlorobutadiene
Concen: 5.496 ug/l
RT: 15.249 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

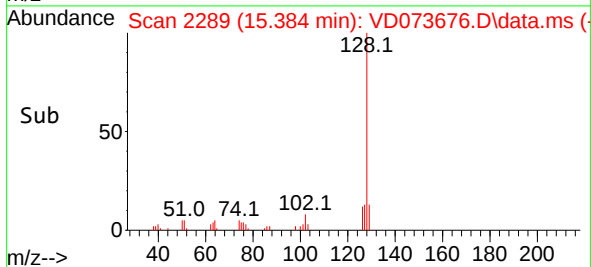
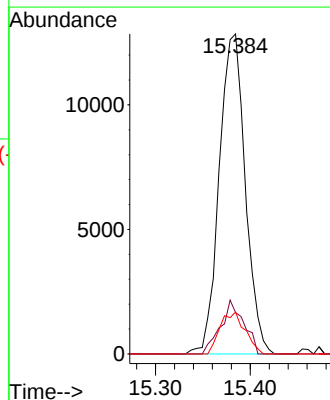
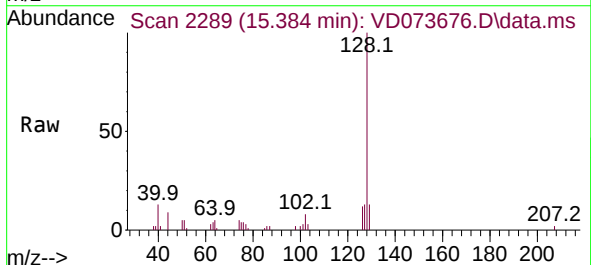
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

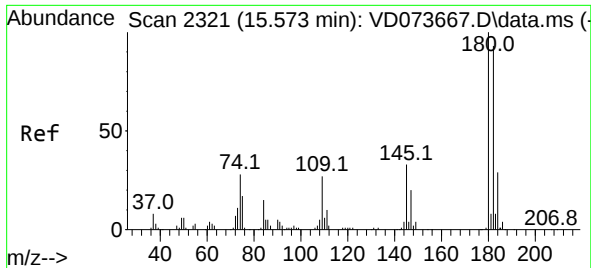
Tgt Ion:225	Resp:	10016
Ion Ratio	Lower	Upper
225	100	
223	61.0	32.6 97.8
227	60.9	32.6 97.8



#95
Naphthalene
Concen: 4.273 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD073676.D
Acq: 23 Jun 2022 20:10

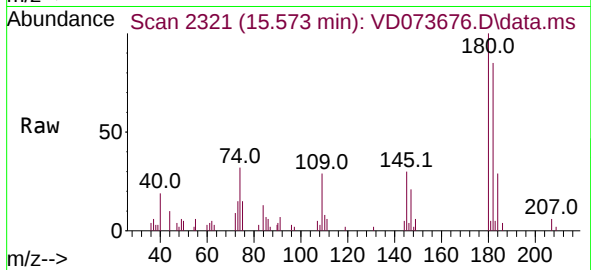
Tgt Ion:128	Resp:	24553
Ion Ratio	Lower	Upper
128	100	
127	15.0	10.6 16.0
129	12.6	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 5.091 ug/l
 RT: 15.573 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073676.D
 Acq: 23 Jun 2022 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



Tgt Ion:	180	Resp:	14295
Ion Ratio	Lower	Upper	
180	100		
182	90.7	49.0	147.0
145	32.1	17.6	52.8

