

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073655.D
 Acq On : 22 Jun 2022 15:24
 Operator : VA/SY
 Sample : N3214-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 23 09:56:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 09:55:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	213790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	356076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	333370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15756	6.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.820%#
35) Dibromofluoromethane	7.914	113	15416	5.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.940%#
50) Toluene-d8	10.332	98	52597	5.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.380%#
62) 4-Bromofluorobenzene	12.620	95	19377	5.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.420%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	13251	6.435	ug/l	96
3) Chloromethane	2.209	50	11098	5.940	ug/l	96
4) Vinyl Chloride	2.350	62	10237	5.812	ug/l	93
5) Bromomethane	2.762	94	8782	6.387	ug/l	98
6) Chloroethane	2.921	64	6763	5.933	ug/l #	88
7) Trichlorofluoromethane	3.273	101	23920	5.862	ug/l	90
8) Diethyl Ether	3.709	74	5913	5.555	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.079	101	14531	6.165	ug/l	97
10) Methyl Iodide	4.291	142	11722	5.134	ug/l #	89
11) Tert butyl alcohol	5.179	59	32057	117.998	ug/l #	78
12) 1,1-Dichloroethene	4.062	96	11153	5.413	ug/l	98
13) Acrolein	3.909	56	1034	13.815	ug/l #	14
14) Allyl chloride	4.703	41	16130	5.441	ug/l	96
15) Acrylonitrile	5.409	53	13772	28.517	ug/l	99
16) Acetone	4.156	43	13384	34.224	ug/l	95
17) Carbon Disulfide	4.397	76	29436	4.956	ug/l	98
18) Methyl Acetate	4.715	43	11182	8.935	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	26544	5.445	ug/l	99
20) Methylene Chloride	4.967	84	34480	11.012	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	13334	5.443	ug/l	91
22) Diisopropyl ether	6.356	45	34472	5.182	ug/l	90
23) Vinyl Acetate	6.297	43	64839	18.640	ug/l	100
24) 1,1-Dichloroethane	6.256	63	25937	5.823	ug/l #	97
25) 2-Butanone	7.214	43	17869	31.389	ug/l #	82
26) 2,2-Dichloropropane	7.203	77	24037	5.874	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	15745	5.571	ug/l	93
28) Bromochloromethane	7.544	49	9583	5.744	ug/l #	99
29) Tetrahydrofuran	7.567	42	8786	24.885	ug/l	96
30) Chloroform	7.703	83	29574	5.865	ug/l	97
31) Cyclohexane	7.973	56	21504	5.746	ug/l #	72
32) 1,1,1-Trichloroethane	7.897	97	26426	5.889	ug/l	98
36) 1,1-Dichloropropene	8.097	75	19002	5.252	ug/l	95
37) Ethyl Acetate	7.291	43	7829	5.624	ug/l #	82
38) Carbon Tetrachloride	8.091	117	22700	5.524	ug/l #	87
39) Methylcyclohexane	9.344	83	20908	5.215	ug/l	99
40) Benzene	8.344	78	57801	5.523	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073655.D
 Acq On : 22 Jun 2022 15:24
 Operator : VA/SY
 Sample : N3214-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 23 09:56:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 09:55:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3952	5.128	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	18027	5.766	ug/l	99
43) Isopropyl Acetate	8.450	43	14361	5.480	ug/l	97
44) Trichloroethene	9.108	130	15976	5.359	ug/l	94
45) 1,2-Dichloropropane	9.385	63	13781	5.240	ug/l	92
46) Dibromomethane	9.467	93	8985	6.016	ug/l	86
47) Bromodichloromethane	9.650	83	21928	5.642	ug/l	89
48) Methyl methacrylate	9.450	41	6478	4.883	ug/l	91
49) 1,4-Dioxane	9.450	88	1463	88.395	ug/l #	60
51) 4-Methyl-2-Pentanone	10.220	43	36006	26.760	ug/l	98
52) Toluene	10.397	92	36325	5.310	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	19077	5.360	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	21066	5.062	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	12635	5.991	ug/l #	86
56) Ethyl methacrylate	10.650	69	11031	4.740	ug/l	97
57) 1,3-Dichloropropane	10.938	76	19429	5.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	26810	28.644	ug/l	99
59) 2-Hexanone	10.973	43	22278	24.009	ug/l	97
60) Dibromochloromethane	11.126	129	14462	5.260	ug/l	98
61) 1,2-Dibromoethane	11.238	107	10679	5.285	ug/l	93
64) Tetrachloroethene	10.867	164	14903	6.039	ug/l	94
65) Chlorobenzene	11.661	112	41593	5.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	16657	5.774	ug/l	100
67) Ethyl Benzene	11.738	91	67278	5.316	ug/l	99
68) m/p-Xylenes	11.844	106	51305	10.294	ug/l	99
69) o-Xylene	12.167	106	24444	5.262	ug/l	91
70) Styrene	12.185	104	39753	4.990	ug/l	97
71) Bromoform	12.349	173	8958	5.703	ug/l #	97
73) Isopropylbenzene	12.467	105	62423	5.128	ug/l	100
74) N-amyl acetate	12.273	43	13167	5.352	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	13087	5.717	ug/l	100
77) Bromobenzene	12.749	156	16643	5.619	ug/l	94
78) n-propylbenzene	12.808	91	79136	5.308	ug/l	95
79) 2-Chlorotoluene	12.896	91	45965	5.256	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	53250	5.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	3836	5.422	ug/l	98
82) 4-Chlorotoluene	12.996	91	48945	5.244	ug/l	97
83) tert-Butylbenzene	13.208	119	44667	4.964	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	51048	4.978	ug/l	99
85) sec-Butylbenzene	13.391	105	68572	5.125	ug/l	100
86) p-Isopropyltoluene	13.502	119	58093	5.256	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	34020	5.567	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	34912	5.764	ug/l	94
89) n-Butylbenzene	13.832	91	52708	5.072	ug/l	98
90) Hexachloroethane	14.096	117	12774	5.411	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	29625	5.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1869	5.229	ug/l	73
93) 1,2,4-Trichlorobenzene	15.143	180	17001	5.536	ug/l	94
94) Hexachlorobutadiene	15.249	225	9902	5.689	ug/l	97
95) Naphthalene	15.385	128	25752	4.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	14264	5.339	ug/l	98

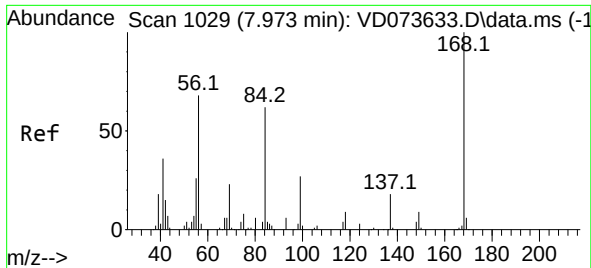
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
Data File : VD073655.D
Acq On : 22 Jun 2022 15:24
Operator : VA/SY
Sample : N3214-02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 23 09:56:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 23 09:55:20 2022
Response via : Initial Calibration

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

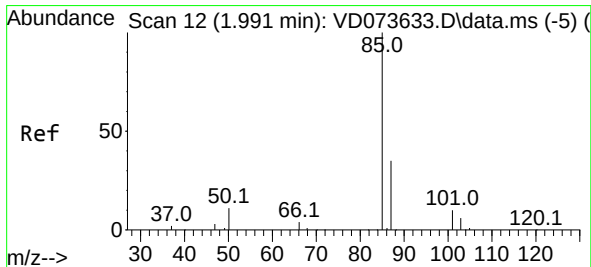
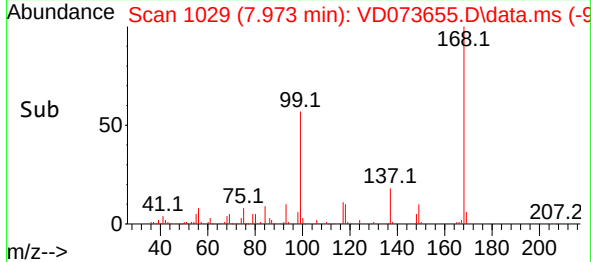
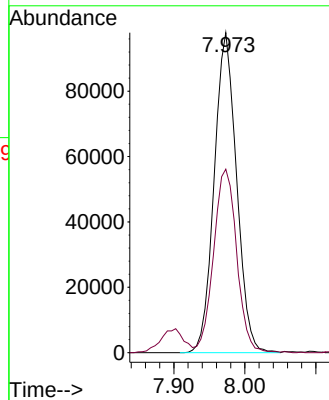
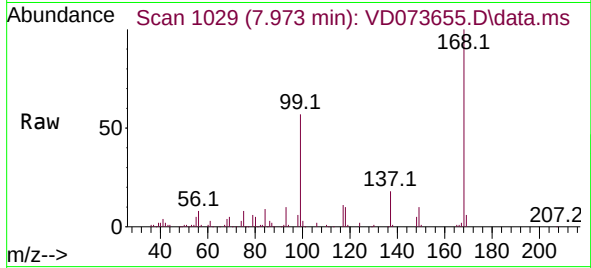
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

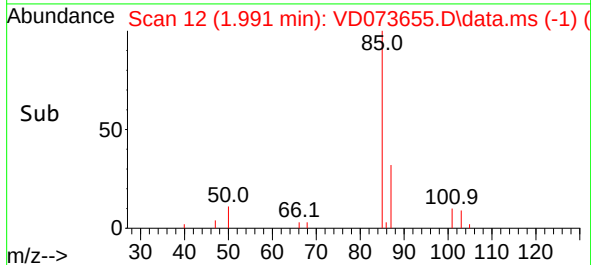
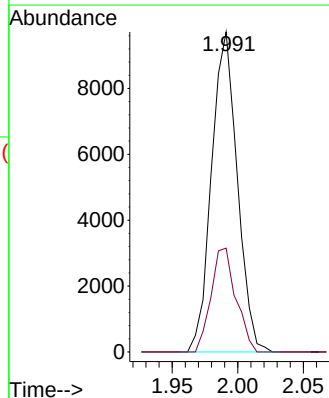
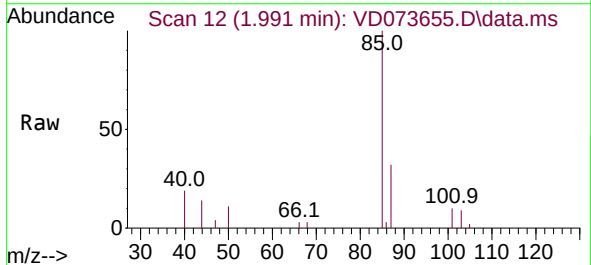
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

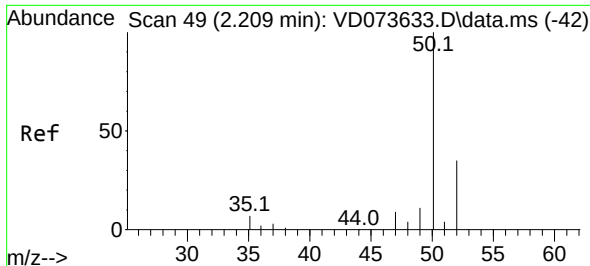
Tgt Ion:168 Resp: 213790
Ion Ratio Lower Upper
168 100
99 57.1 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 6.435 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 85 Resp: 13251
Ion Ratio Lower Upper
85 100
87 32.5 17.4 52.2

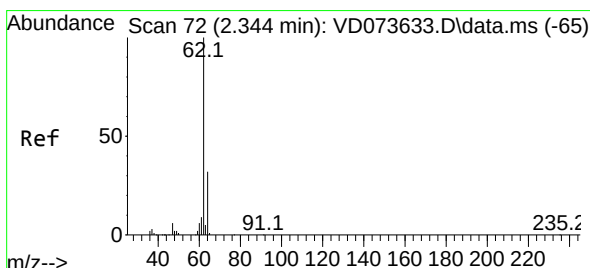
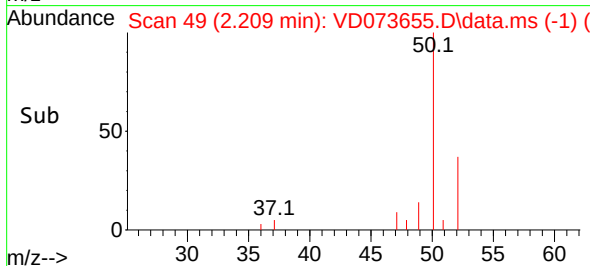
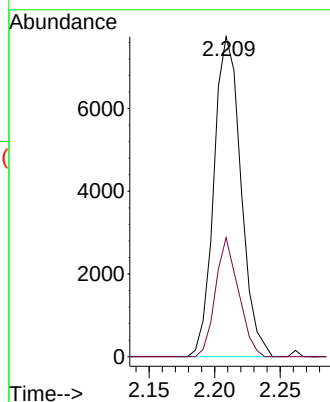
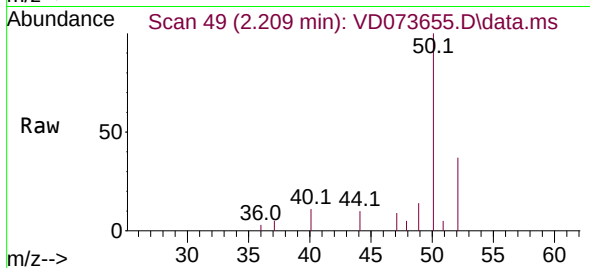




#3
Chloromethane
Concen: 5.940 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

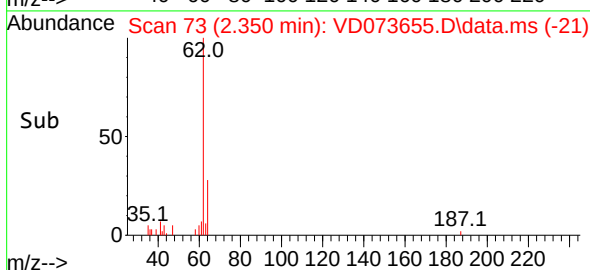
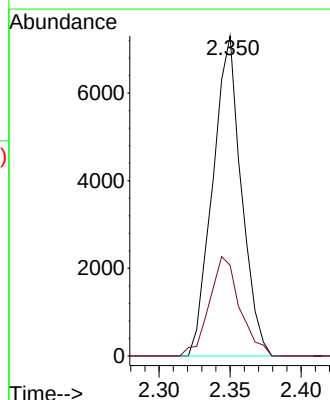
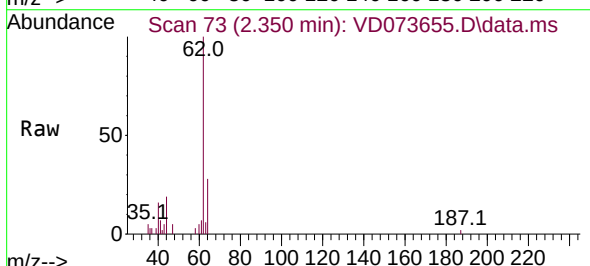
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

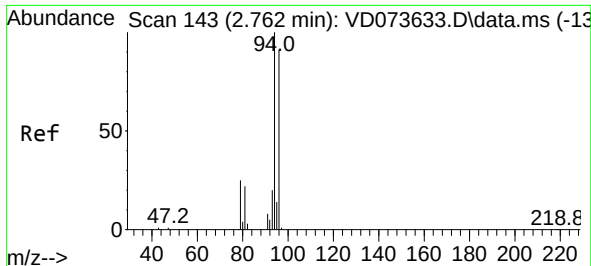
Tgt Ion: 50 Resp: 11098
Ion Ratio Lower Upper
50 100
52 37.2 27.8 41.8



#4
Vinyl Chloride
Concen: 5.812 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 62 Resp: 10237
Ion Ratio Lower Upper
62 100
64 28.3 25.9 38.9

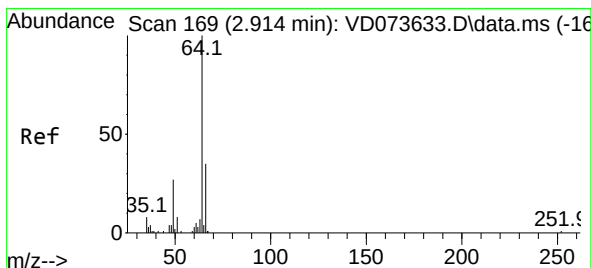
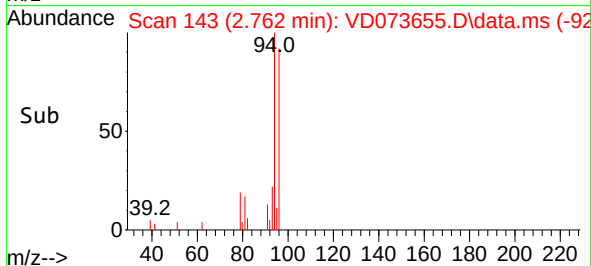
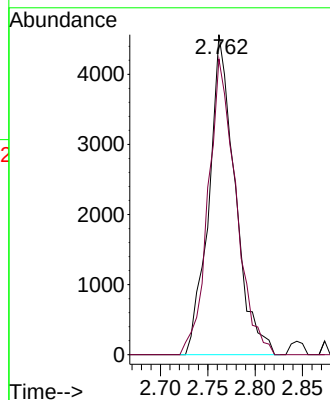
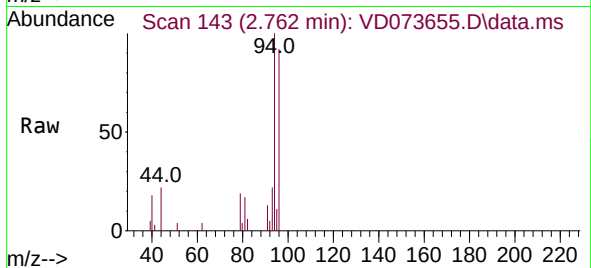




#5
Bromomethane
Concen: 6.387 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

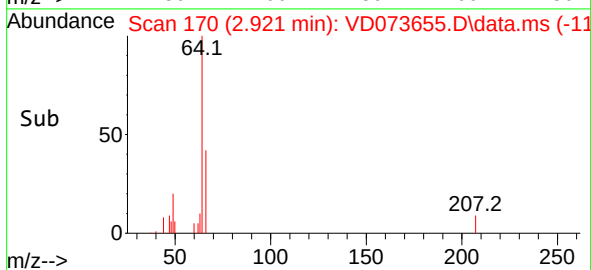
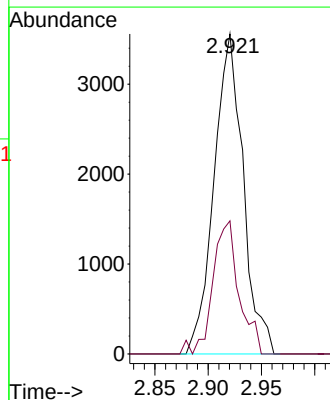
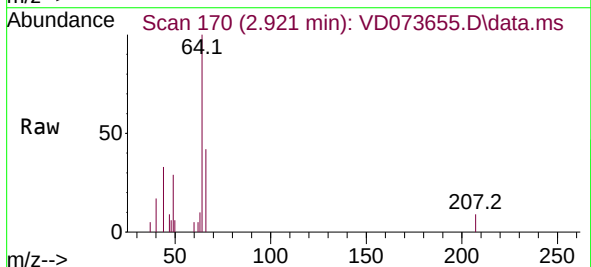
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

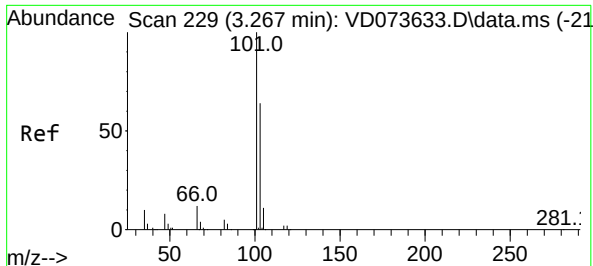
Tgt Ion: 94 Resp: 8782
Ion Ratio Lower Upper
94 100
96 92.4 72.6 108.8



#6
Chloroethane
Concen: 5.933 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 64 Resp: 6763
Ion Ratio Lower Upper
64 100
66 41.6 27.7 41.5#

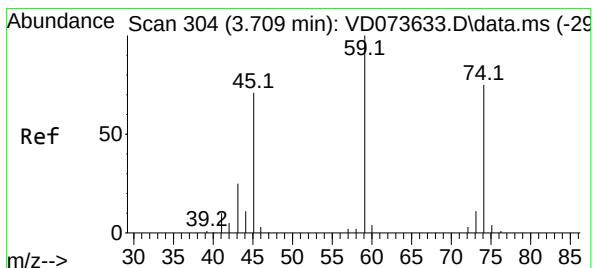
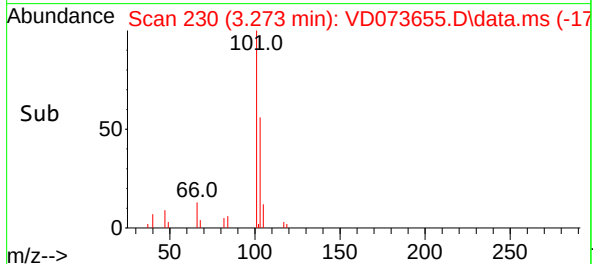
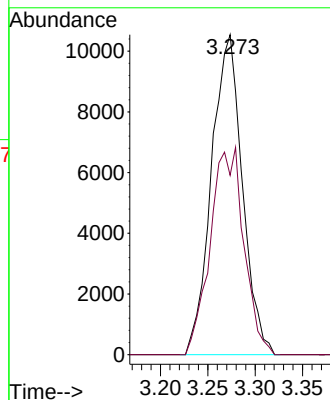
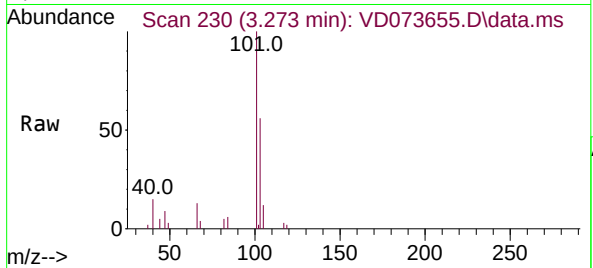




#7
 Trichlorofluoromethane
 Concen: 5.862 ug/l
 RT: 3.273 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

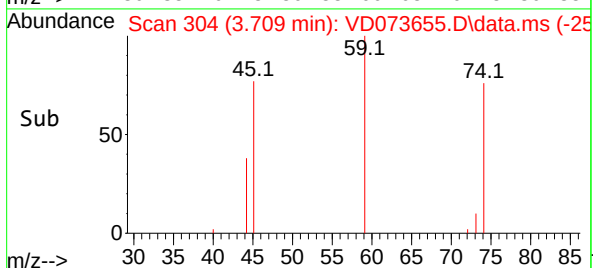
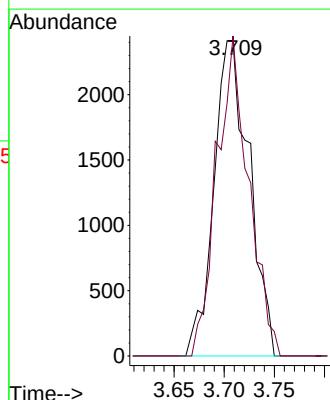
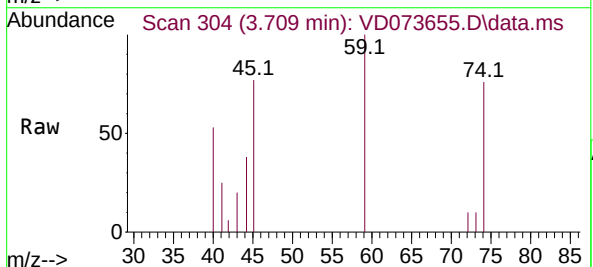
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

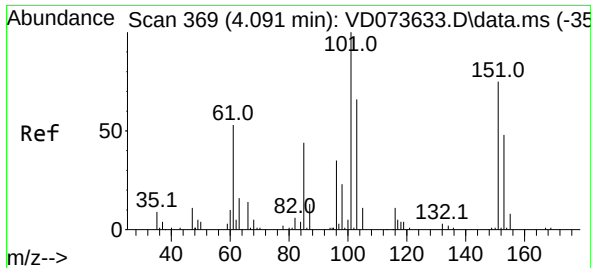
Tgt Ion:101 Resp: 23920
 Ion Ratio Lower Upper
 101 100
 103 56.1 51.2 76.8



#8
 Diethyl Ether
 Concen: 5.555 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

Tgt Ion: 74 Resp: 5913
 Ion Ratio Lower Upper
 74 100
 45 91.7 47.6 142.8

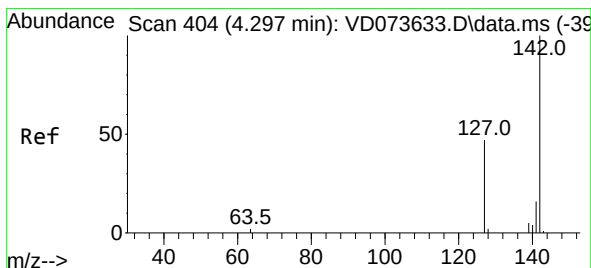
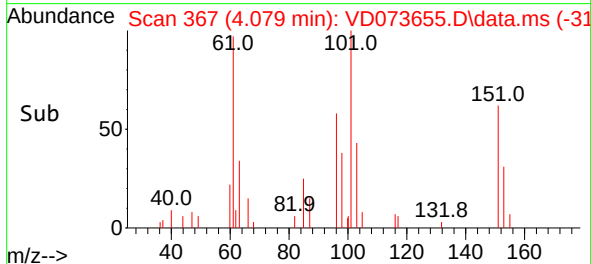
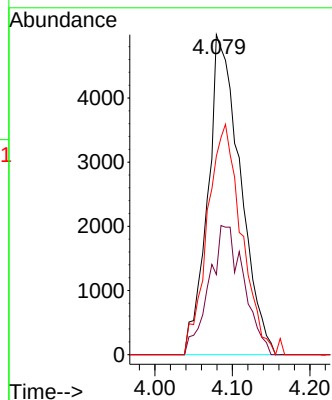
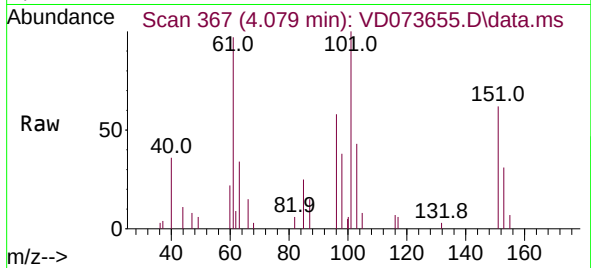




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.165 ug/l
 RT: 4.079 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

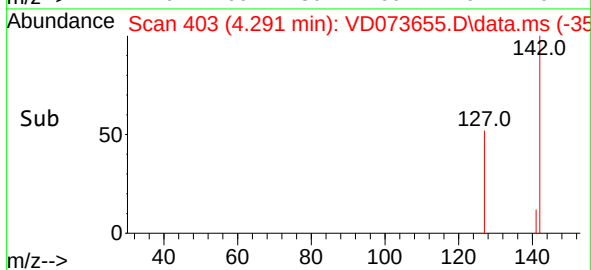
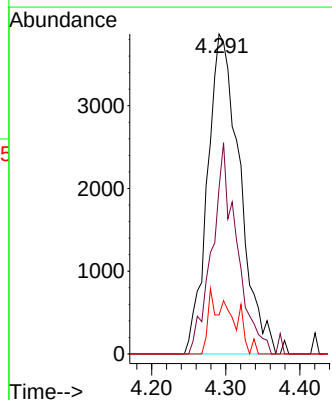
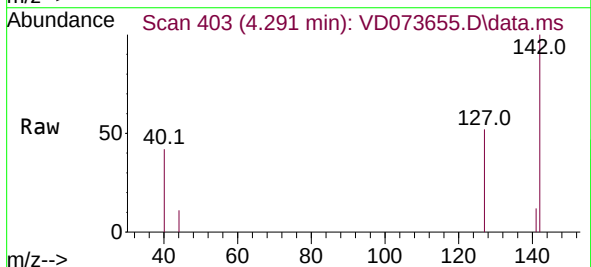
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

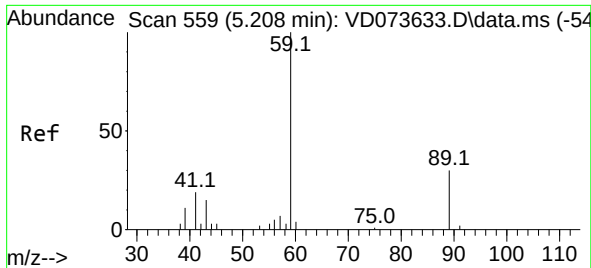
Tgt Ion:	101	Resp:	14531
Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.2	52.8
151	75.4	63.4	95.0



#10
 Methyl Iodide
 Concen: 5.134 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

Tgt Ion:	142	Resp:	11722
Ion	Ratio	Lower	Upper
142	100		
127	50.8	37.2	55.8
141	5.8	12.3	18.5





#11

Tert butyl alcohol

Concen: 117.998 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

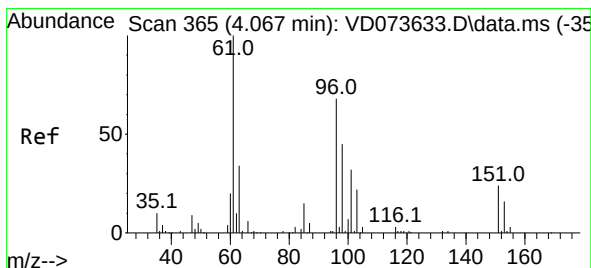
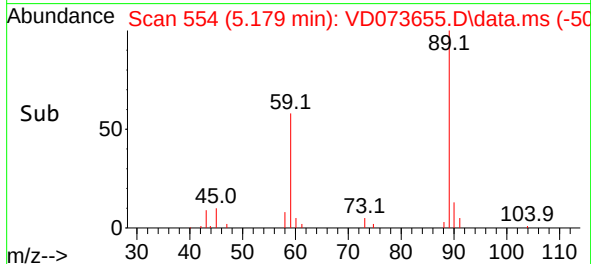
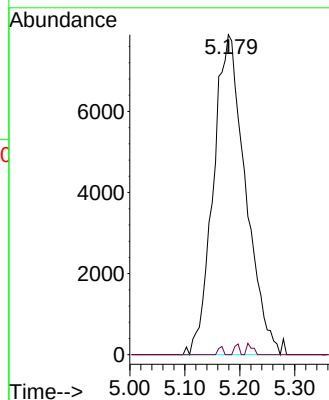
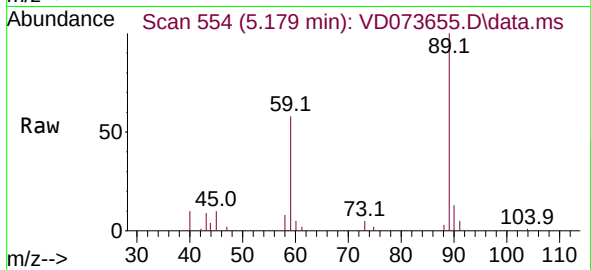
LOQ-SOIL-02-QT2-2022

Tgt Ion: 59 Resp: 32057

Ion Ratio Lower Upper

59 100

57 0.4 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 5.413 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

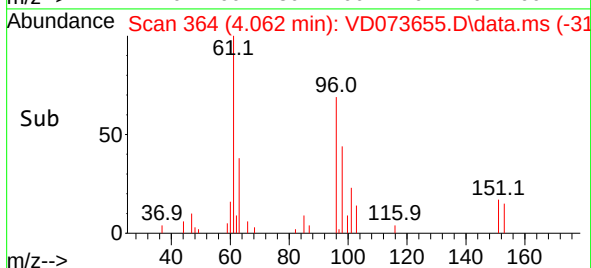
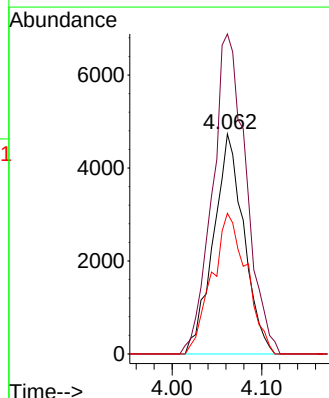
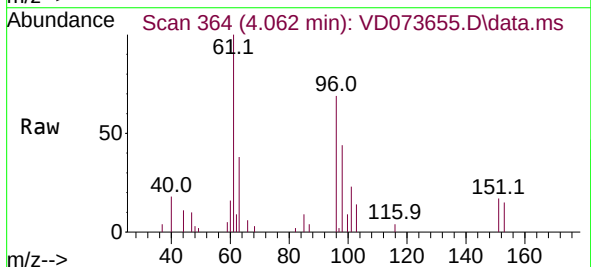
Tgt Ion: 96 Resp: 11153

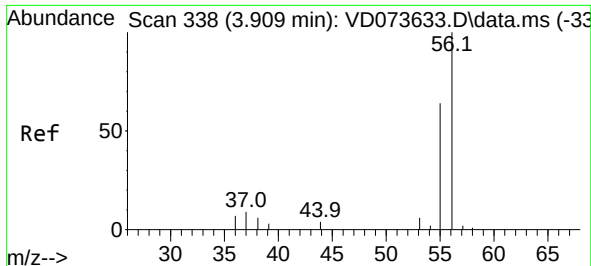
Ion Ratio Lower Upper

96 100

61 145.5 118.5 177.7

98 63.9 52.8 79.2

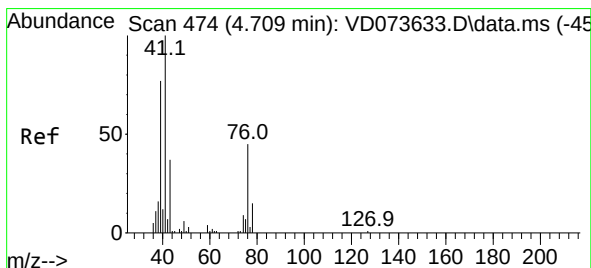
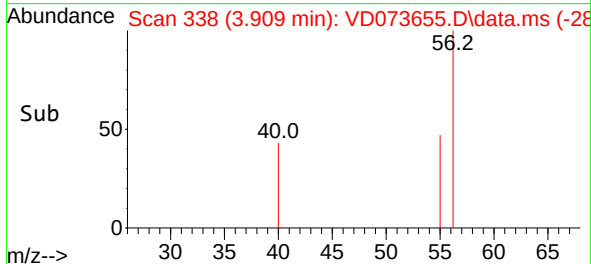
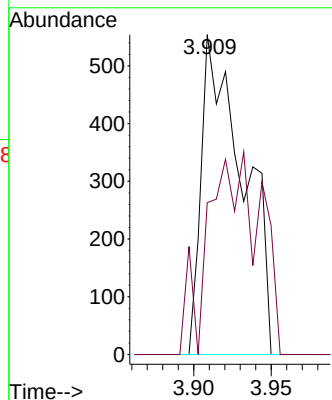
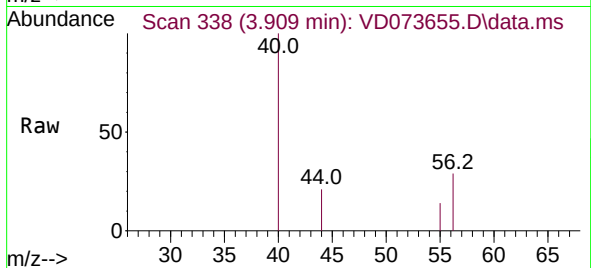




#13
Acrolein
Concen: 13.815 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

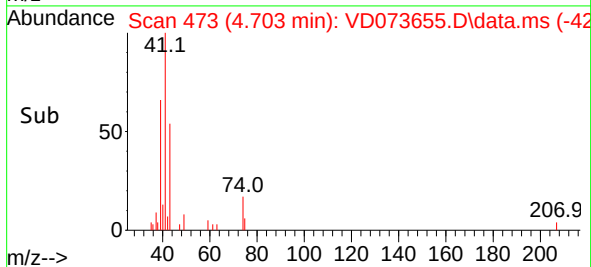
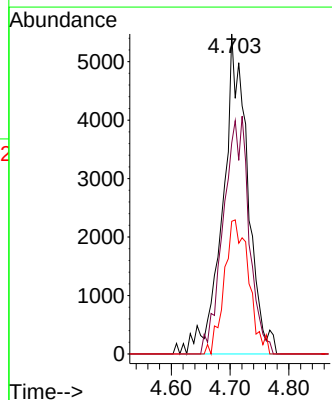
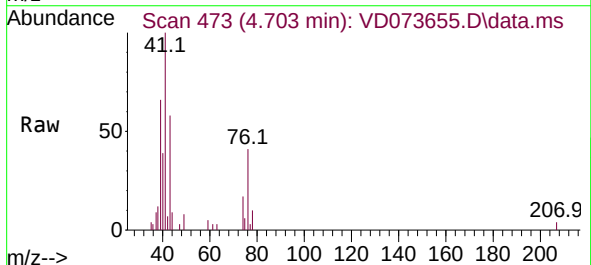
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

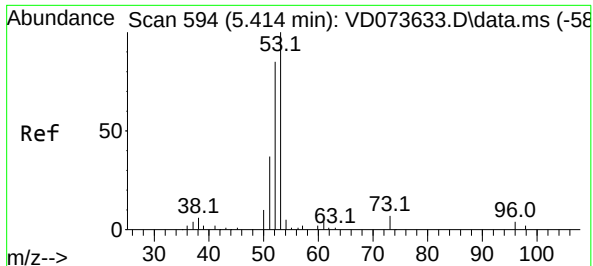
Tgt Ion: 56 Resp: 1034
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 5.441 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 41 Resp: 16130
Ion Ratio Lower Upper
41 100
39 76.4 57.3 85.9
76 41.1 33.4 50.0

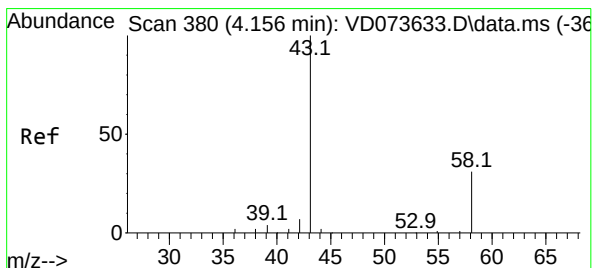
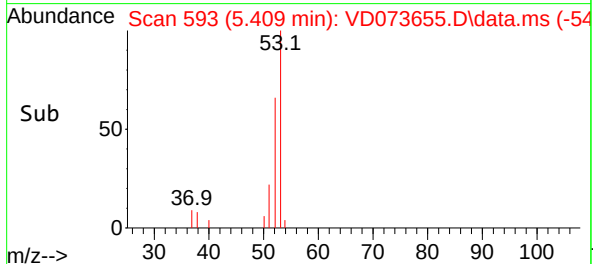
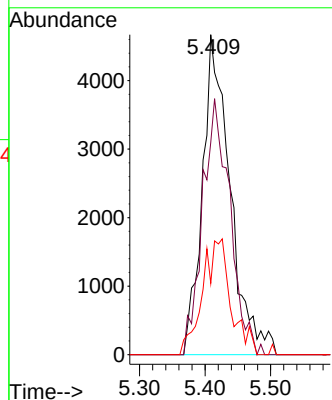
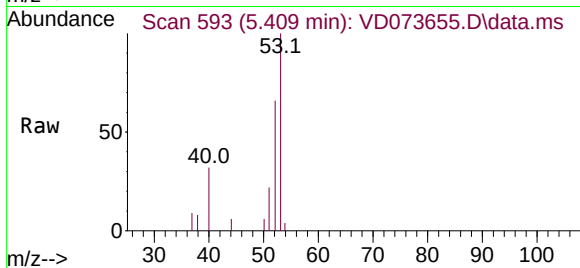




#15
Acrylonitrile
Concen: 28.517 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

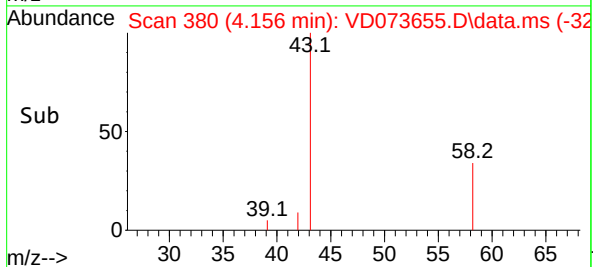
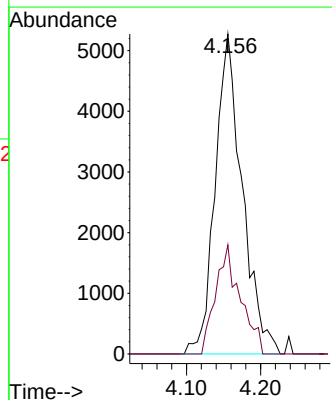
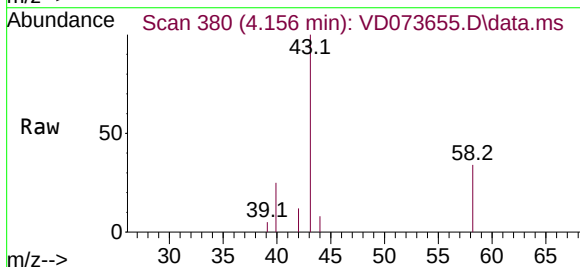
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

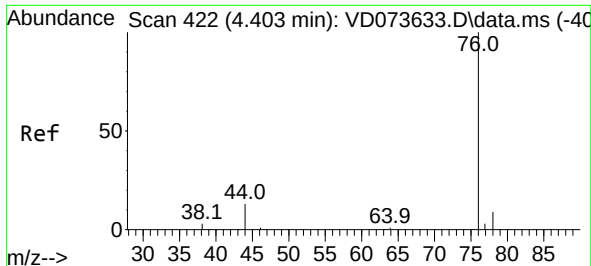
Tgt Ion:	53	Resp:	13772
Ion	Ratio	Lower	Upper
53	100		
52	78.9	64.6	97.0
51	37.0	29.6	44.4



#16
Acetone
Concen: 34.224 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:	43	Resp:	13384
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.0	37.4

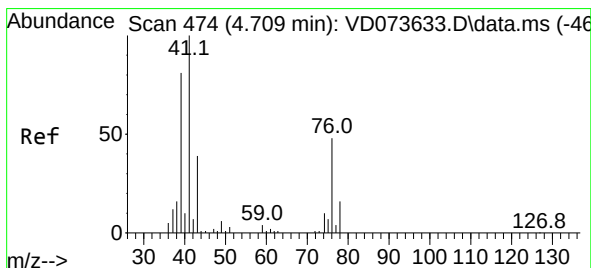
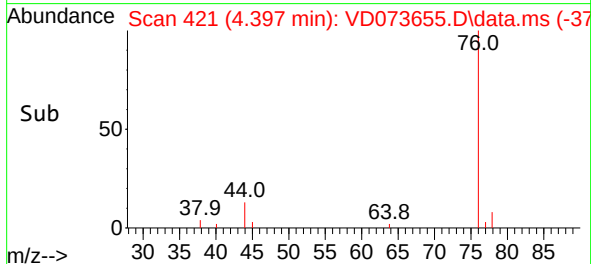
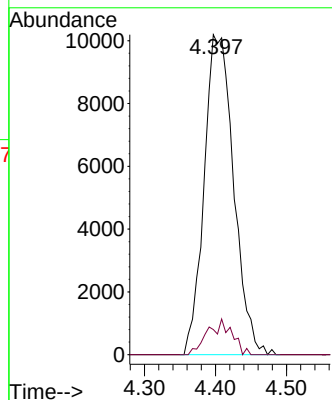
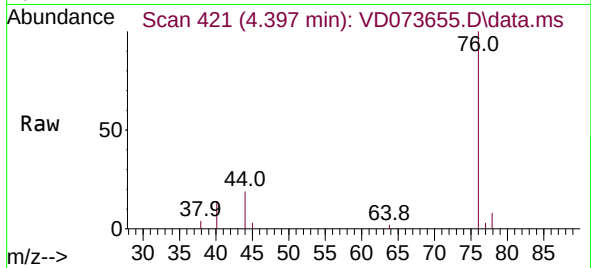




#17
Carbon Disulfide
Concen: 4.956 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

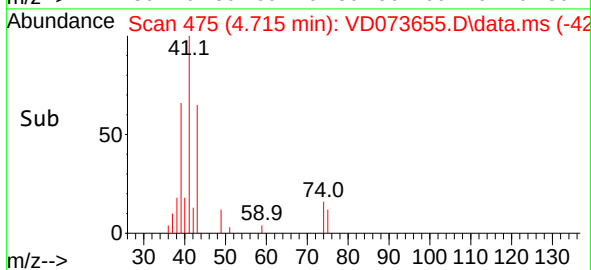
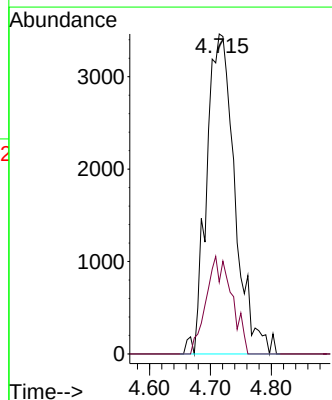
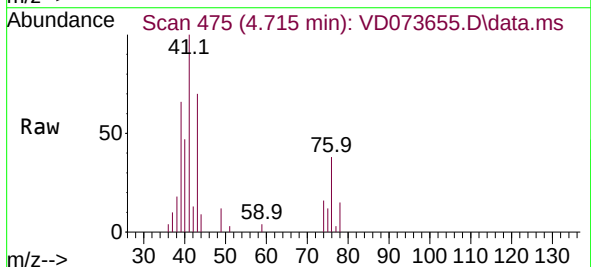
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

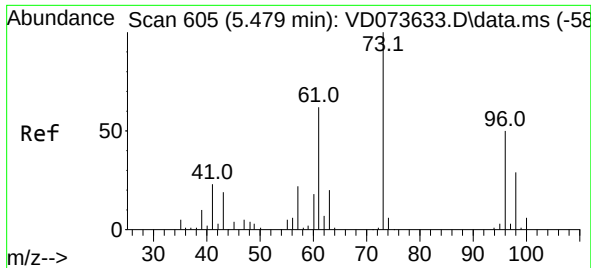
Tgt Ion: 76 Resp: 29436
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#18
Methyl Acetate
Concen: 8.935 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 43 Resp: 11182
Ion Ratio Lower Upper
43 100
74 27.6 21.2 31.8

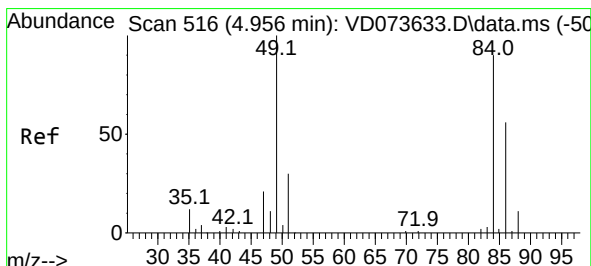
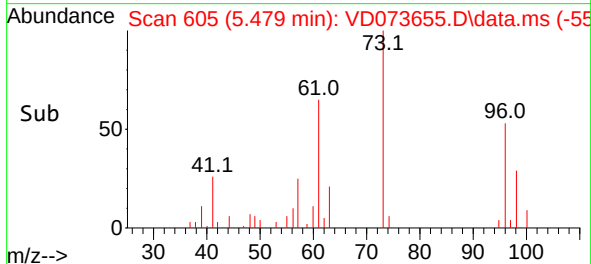
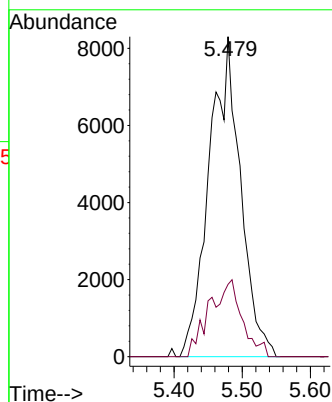
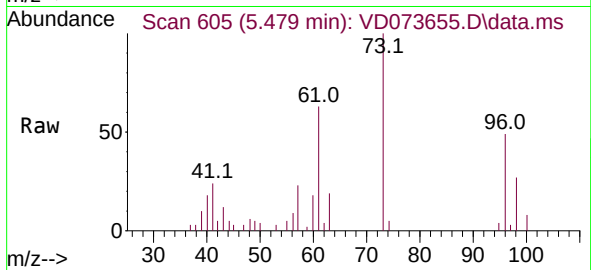




#19
Methyl tert-butyl Ether
Concen: 5.445 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

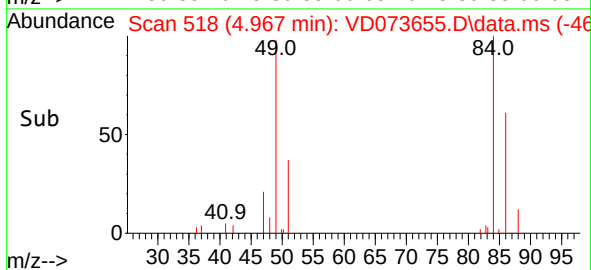
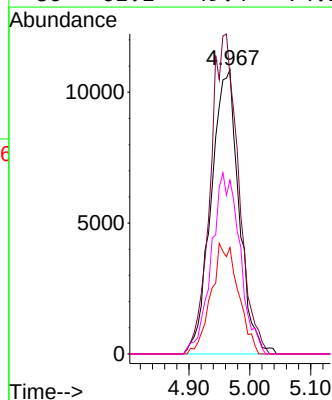
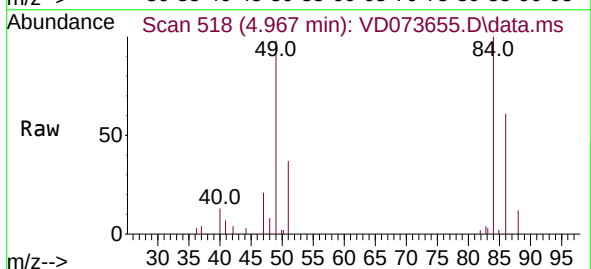
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

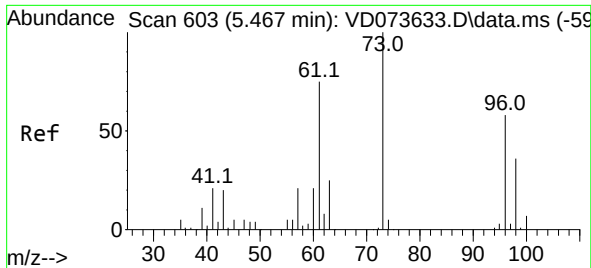
Tgt Ion: 73 Resp: 26544
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 11.012 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 84 Resp: 34480
Ion Ratio Lower Upper
84 100
49 97.6 89.0 133.6
51 37.4 26.7 40.1
86 61.1 49.4 74.2

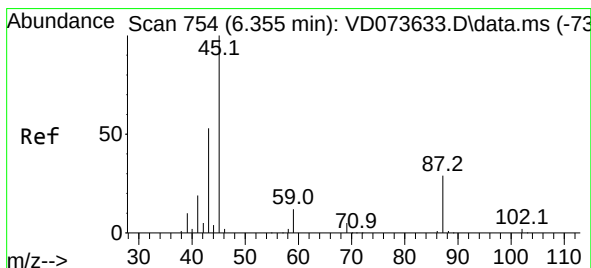
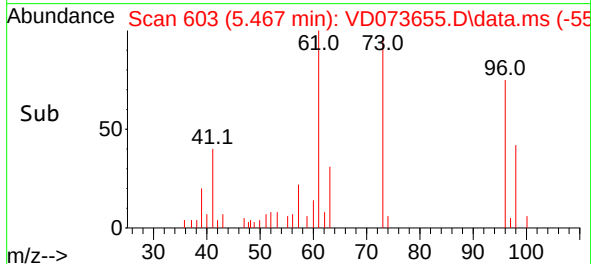
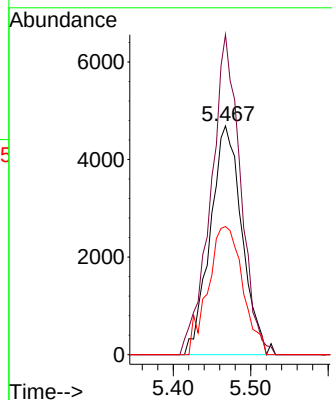
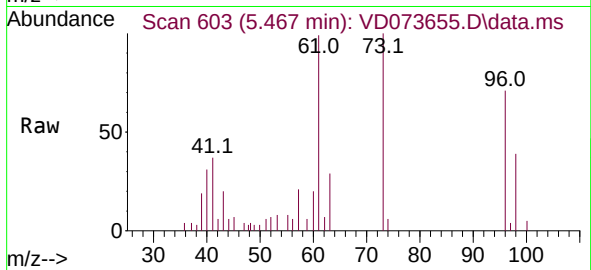




#21
trans-1,2-Dichloroethene
Concen: 5.443 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

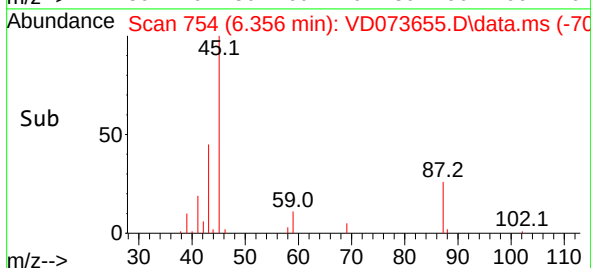
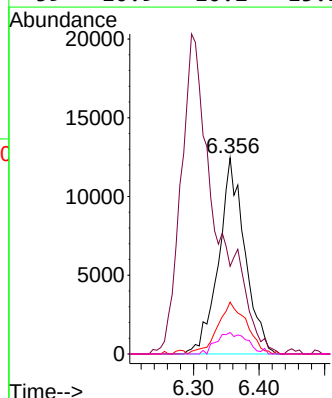
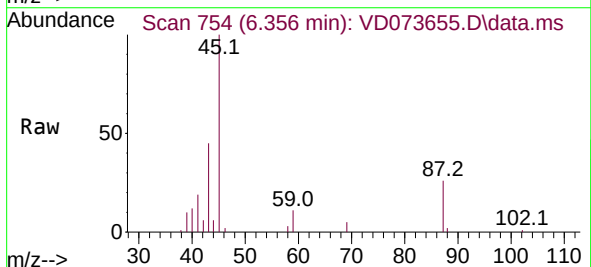
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

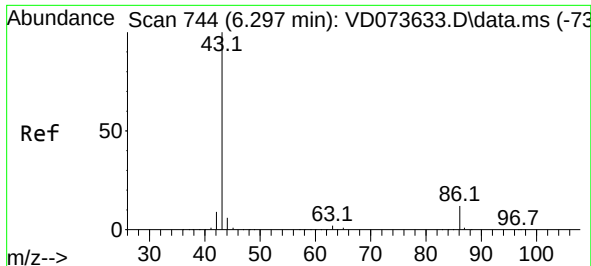
Tgt Ion: 96 Resp: 13334
Ion Ratio Lower Upper
96 100
61 139.9 103.2 154.8
98 56.0 50.2 75.4



#22
Diisopropyl ether
Concen: 5.182 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 45 Resp: 34472
Ion Ratio Lower Upper
45 100
43 44.7 43.8 65.6
87 26.4 23.8 35.6
59 10.9 10.2 15.2

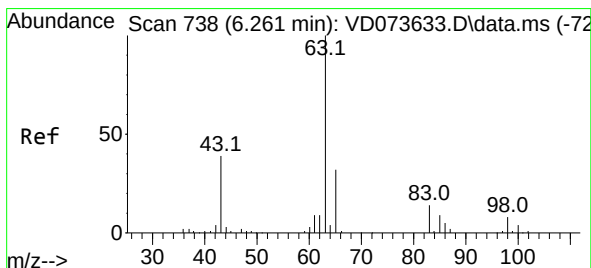
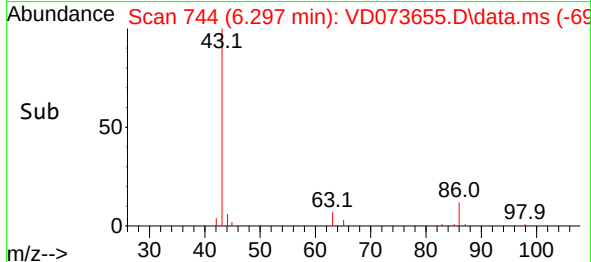
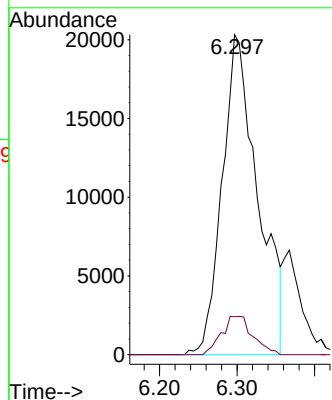
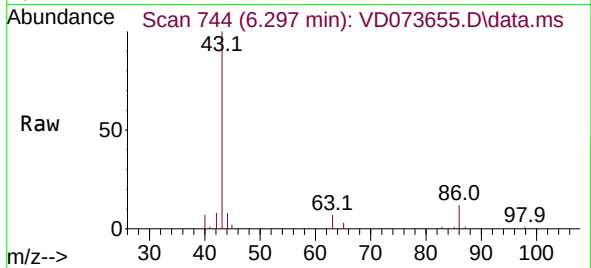




#23
 Vinyl Acetate
 Concen: 18.640 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

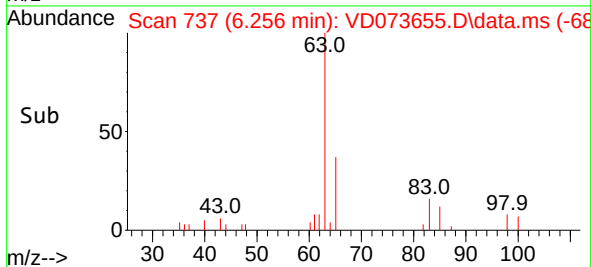
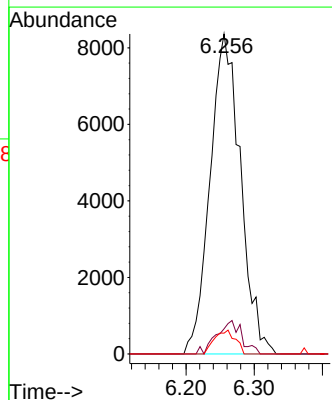
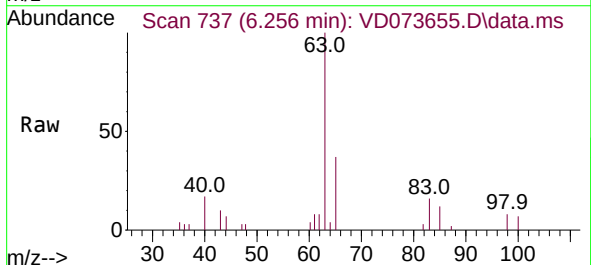
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

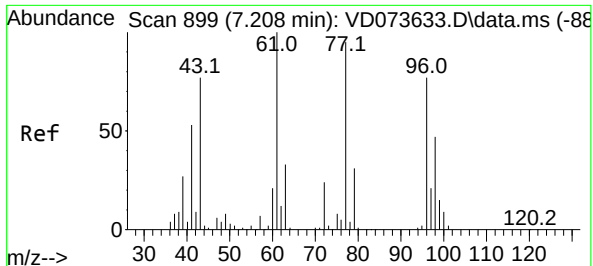
Tgt Ion: 43 Resp: 64839
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 5.823 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

Tgt Ion: 63 Resp: 25937
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.1 12.3
 100 6.5 2.1 6.2#





#25

2-Butanone

Concen: 31.389 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

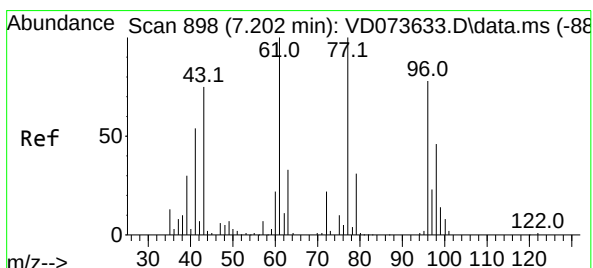
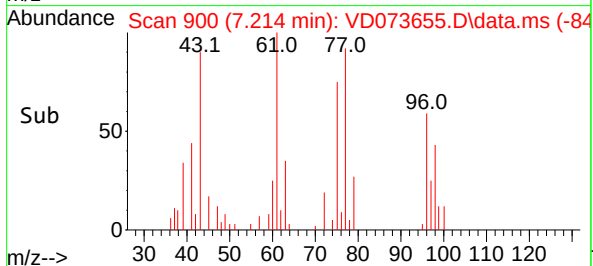
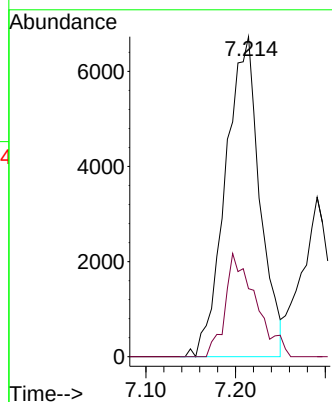
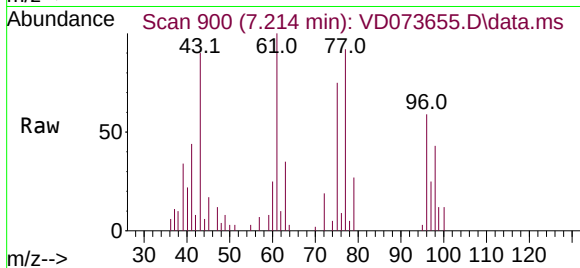
LOQ-SOIL-02-QT2-2022

Tgt Ion: 43 Resp: 17869

Ion Ratio Lower Upper

43 100

72 21.3 24.7 37.1#



#26

2,2-Dichloropropane

Concen: 5.874 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073655.D

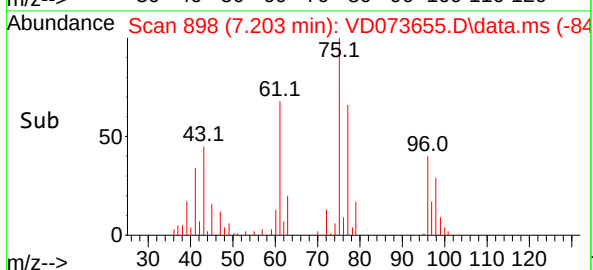
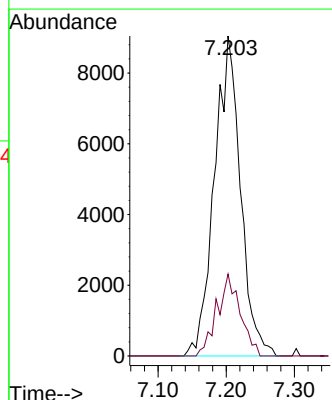
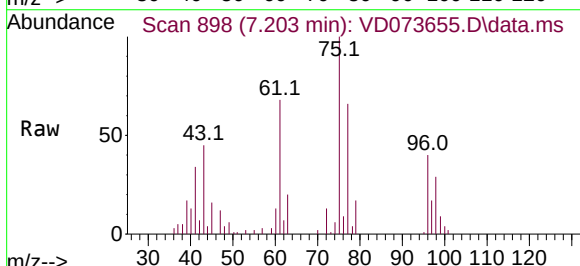
Acq: 22 Jun 2022 15:24

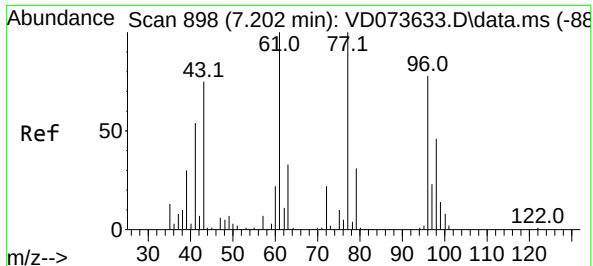
Tgt Ion: 77 Resp: 24037

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 5.571 ug/l

RT: 7.209 min Scan# 898

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

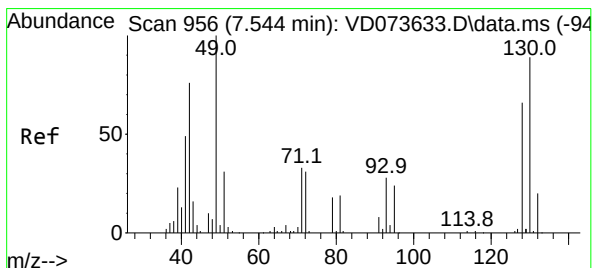
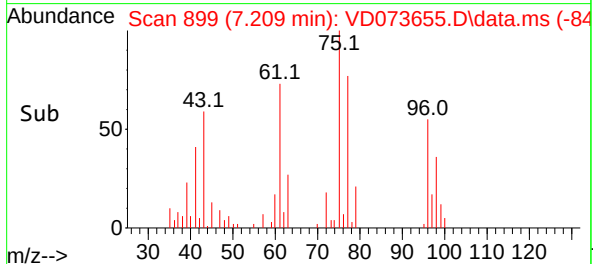
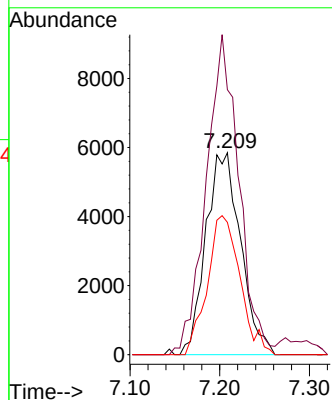
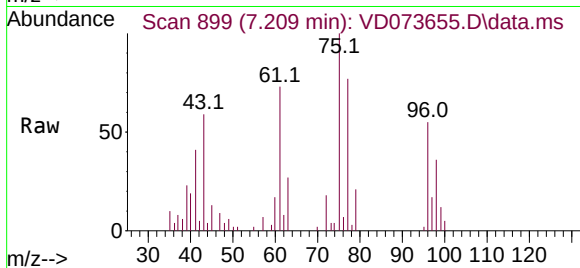
Tgt Ion: 96 Resp: 15745

Ion Ratio Lower Upper

96 100

61 148.7 0.0 273.2

98 64.8 0.0 126.8



#28

Bromochloromethane

Concen: 5.744 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

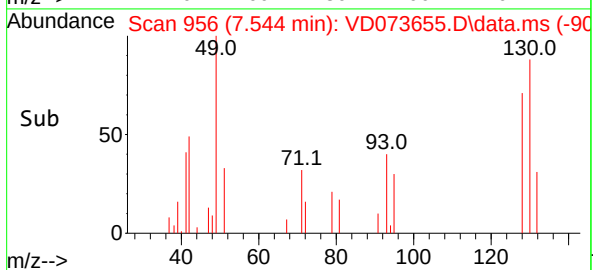
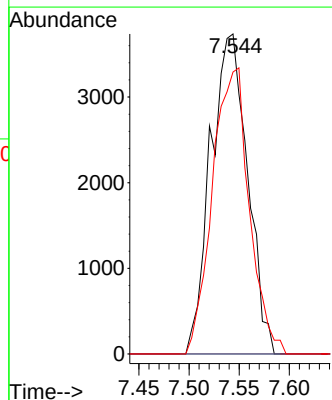
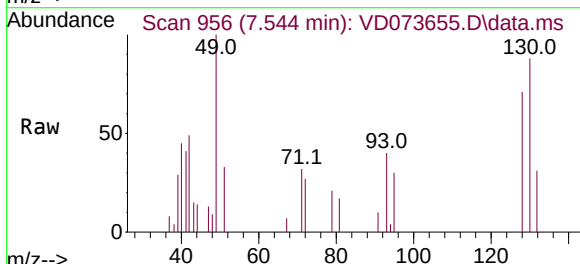
Tgt Ion: 49 Resp: 9583

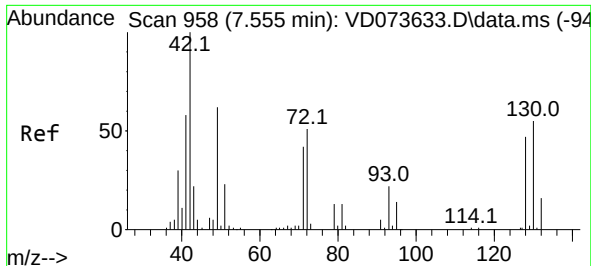
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 89.1 72.2 108.2





#29

Tetrahydrofuran

Concen: 24.885 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

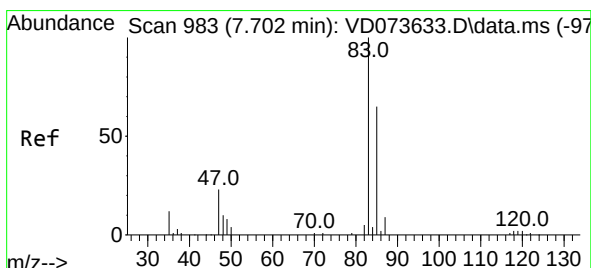
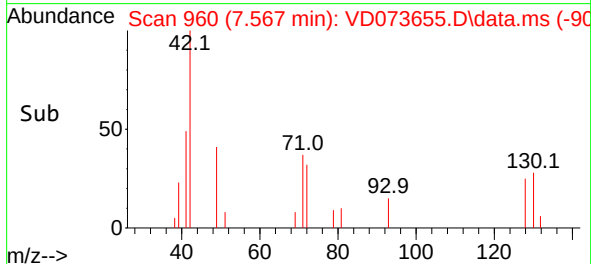
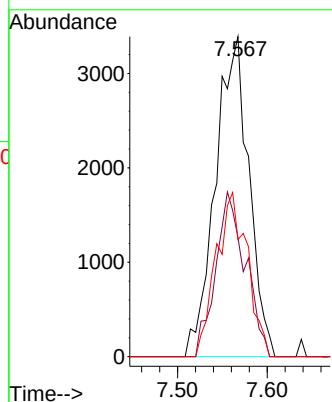
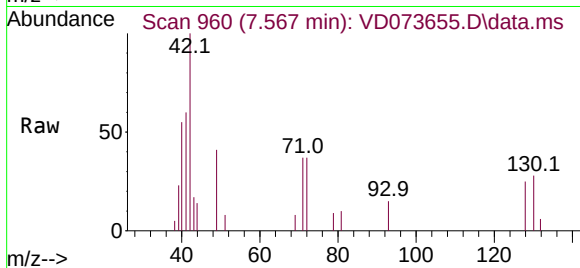
Tgt Ion: 42 Resp: 8786

Ion Ratio Lower Upper

42 100

72 45.7 37.9 56.9

71 47.7 35.2 52.8



#30

Chloroform

Concen: 5.865 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073655.D

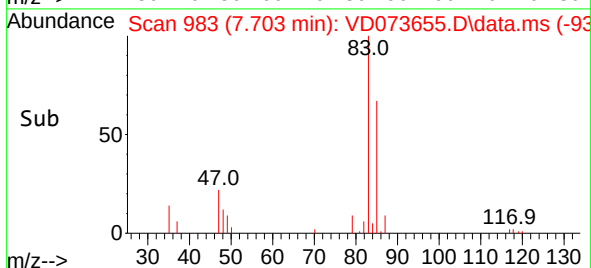
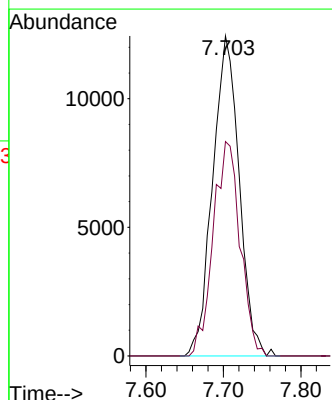
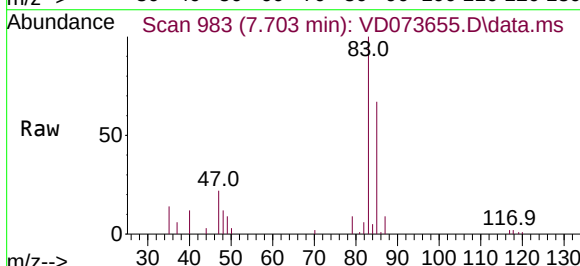
Acq: 22 Jun 2022 15:24

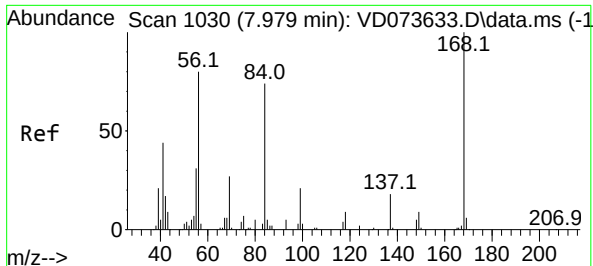
Tgt Ion: 83 Resp: 29574

Ion Ratio Lower Upper

83 100

85 67.0 51.8 77.8

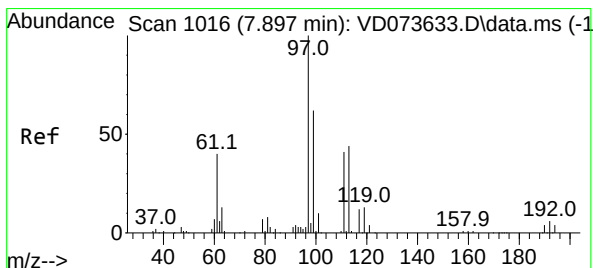
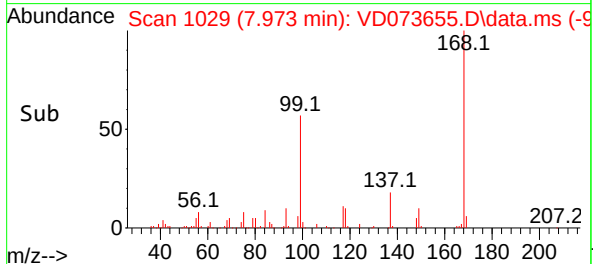
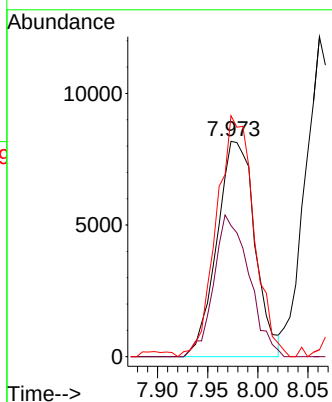
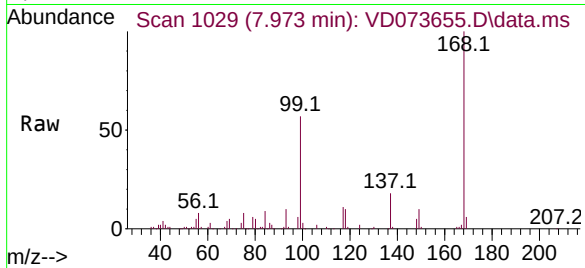




#31
Cyclohexane
Concen: 5.746 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

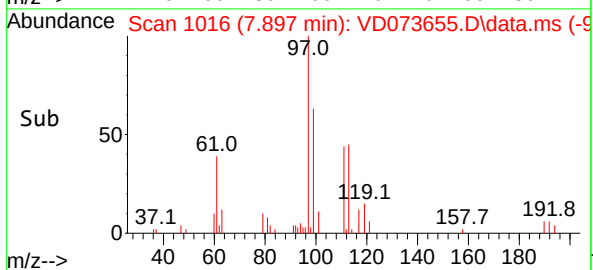
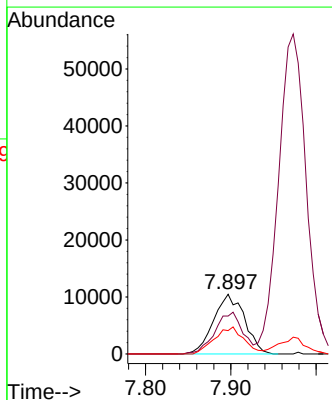
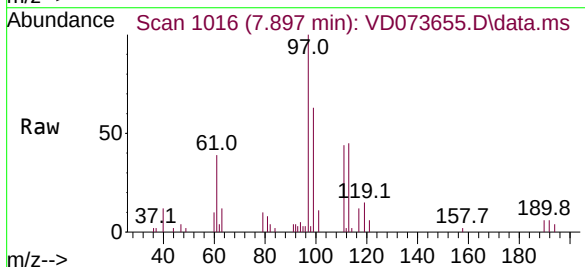
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

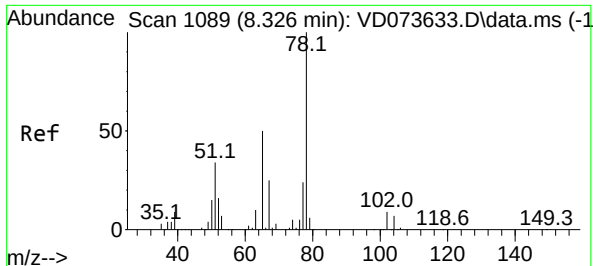
Tgt Ion: 56 Resp: 21504
Ion Ratio Lower Upper
56 100
69 60.8 26.9 40.3#
84 111.9 73.8 110.8#



#32
1,1,1-Trichloroethane
Concen: 5.889 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 97 Resp: 26426
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 42.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 6.405 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

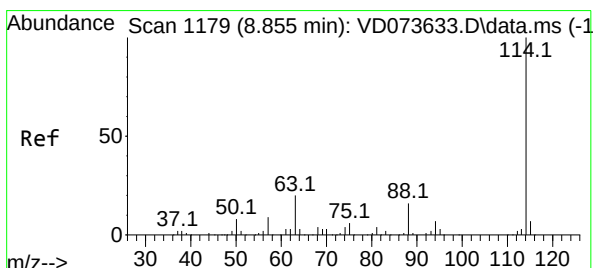
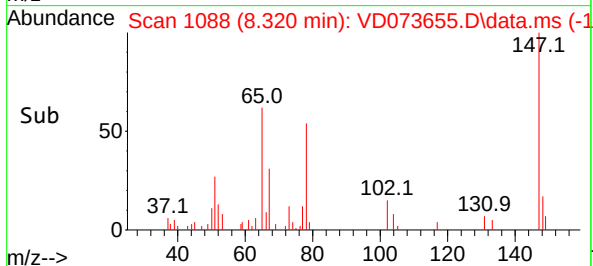
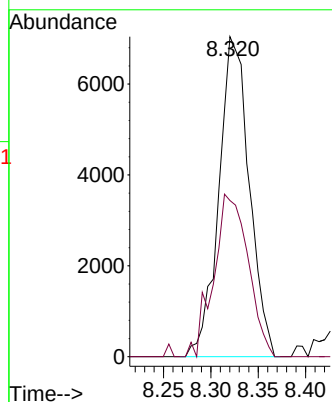
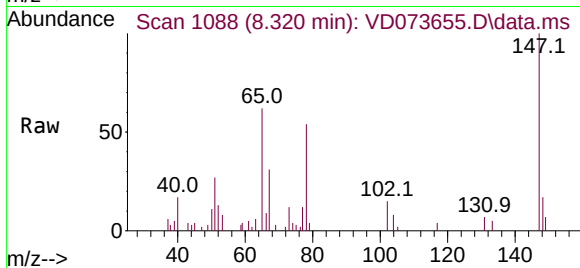
LOQ-SOIL-02-QT2-2022

Tgt Ion: 65 Resp: 15756

Ion Ratio Lower Upper

65 100

67 57.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

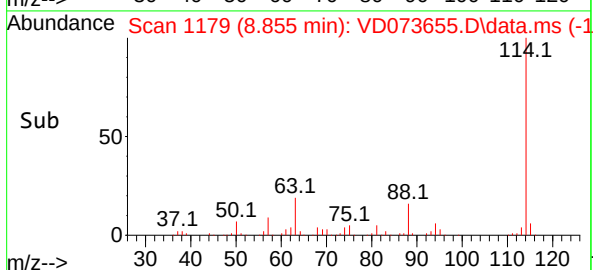
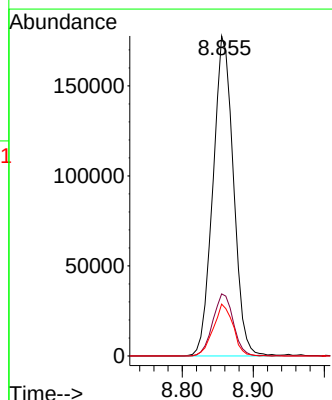
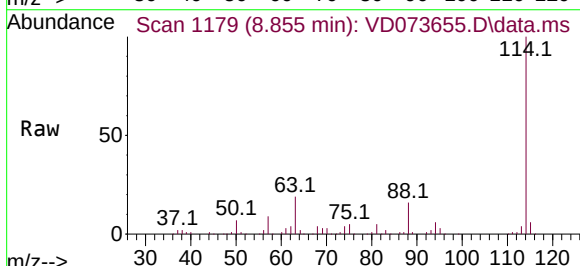
Tgt Ion: 114 Resp: 356076

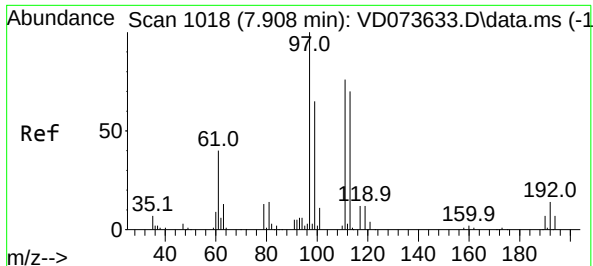
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 5.968 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

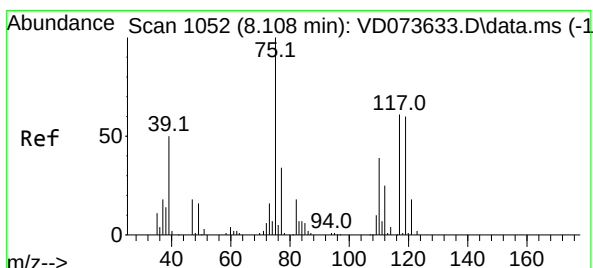
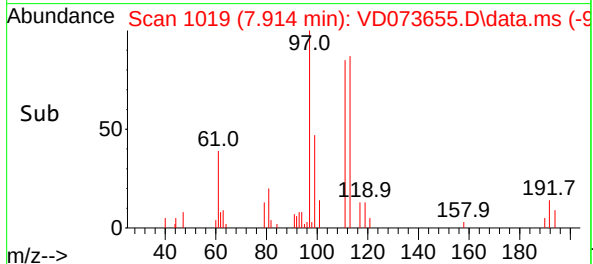
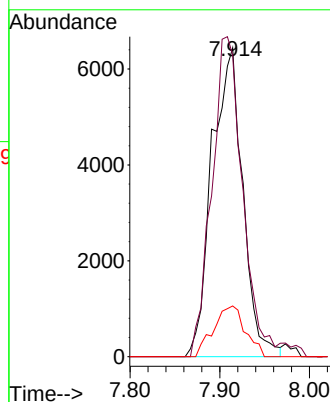
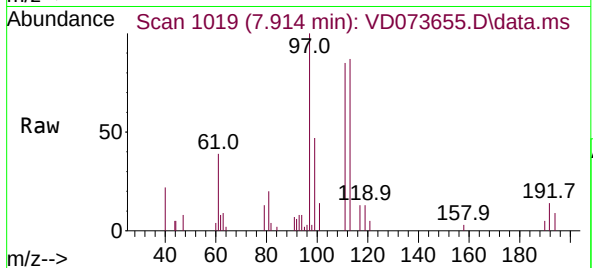
Tgt Ion:113 Resp: 15416

Ion Ratio Lower Upper

113 100

111 105.0 81.1 121.7

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.252 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.012 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

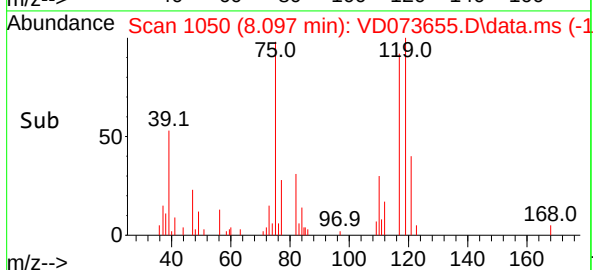
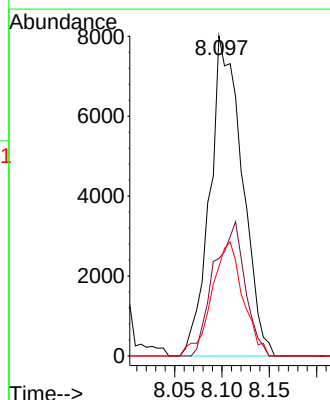
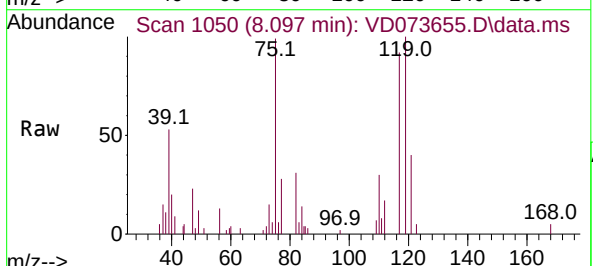
Tgt Ion: 75 Resp: 19002

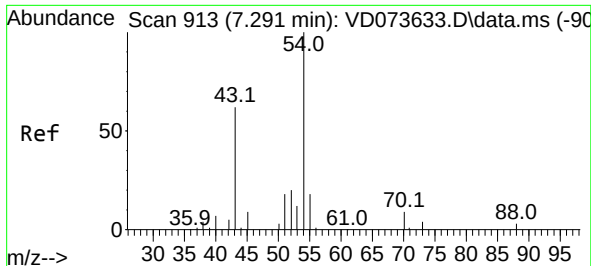
Ion Ratio Lower Upper

75 100

110 40.1 18.4 55.4

77 34.6 25.7 38.5





#37

Ethyl Acetate

Concen: 5.624 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

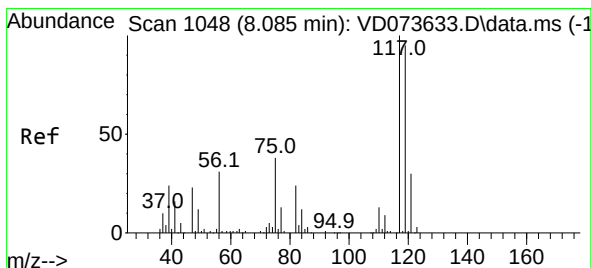
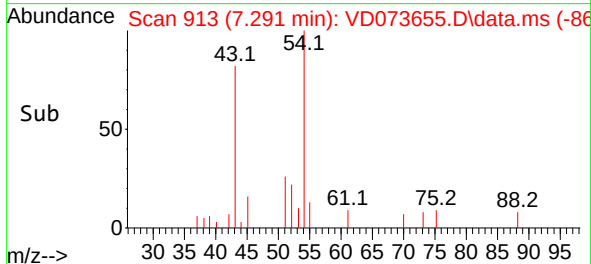
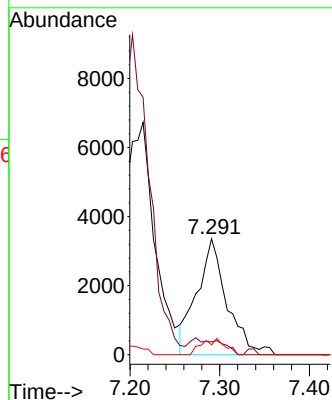
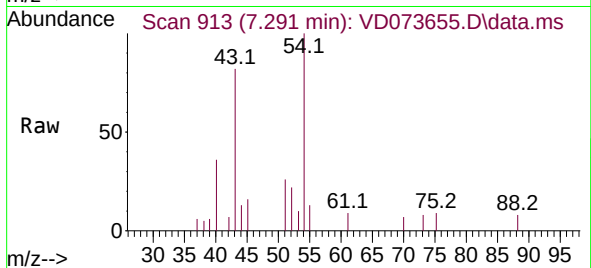
Tgt Ion: 43 Resp: 7829

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 10.8 8.9 13.3



#38

Carbon Tetrachloride

Concen: 5.524 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

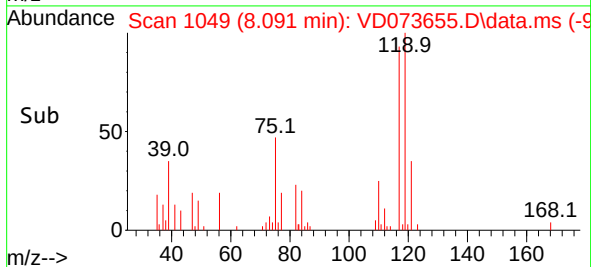
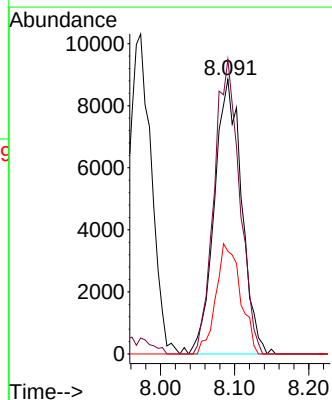
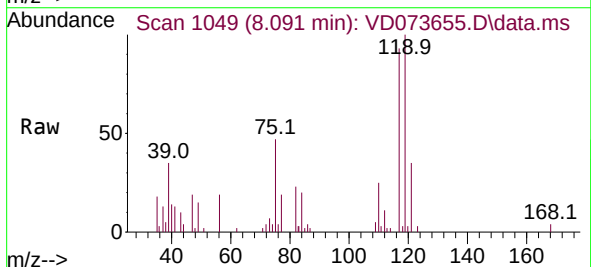
Tgt Ion: 117 Resp: 22700

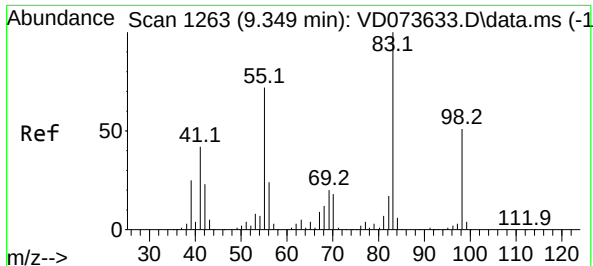
Ion Ratio Lower Upper

117 100

119 107.3 75.6 113.4

121 37.4 24.2 36.4#





#39

Methylcyclohexane

Concen: 5.215 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

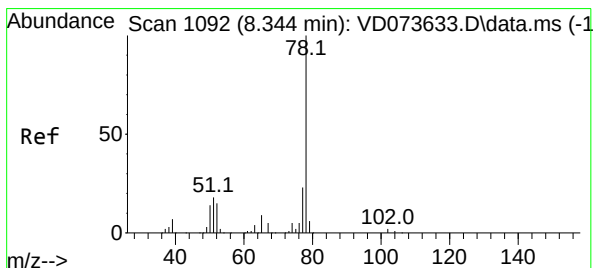
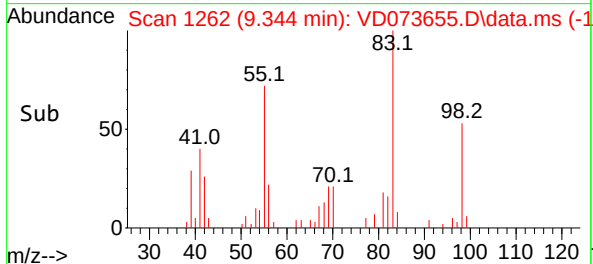
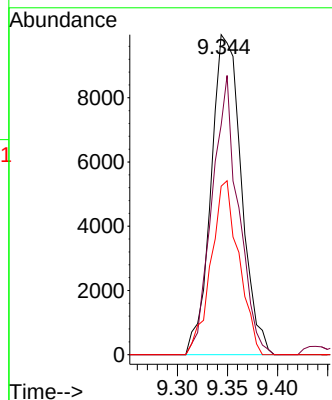
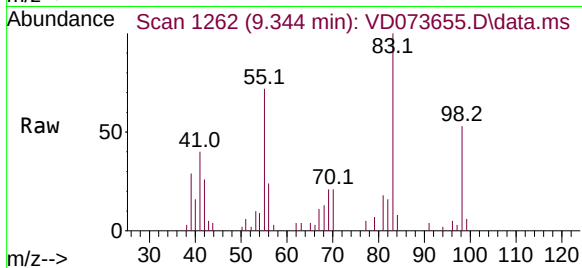
Tgt Ion: 83 Resp: 20908

Ion Ratio Lower Upper

83 100

55 71.8 57.4 86.2

98 52.7 40.6 60.8



#40

Benzene

Concen: 5.523 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073655.D

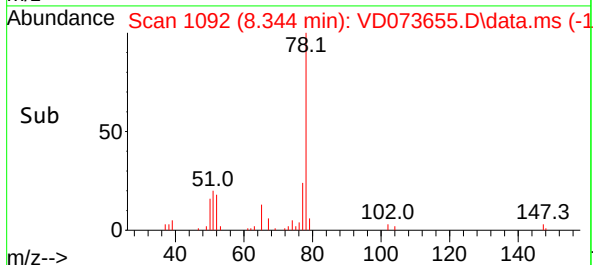
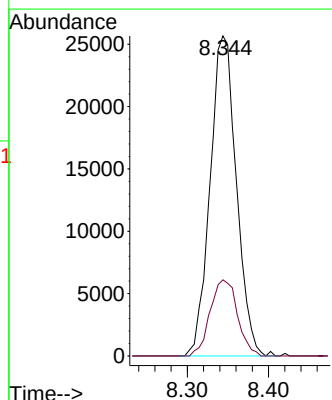
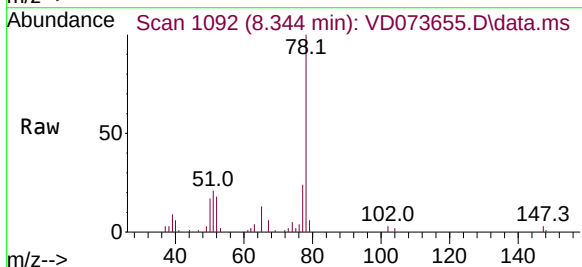
Acq: 22 Jun 2022 15:24

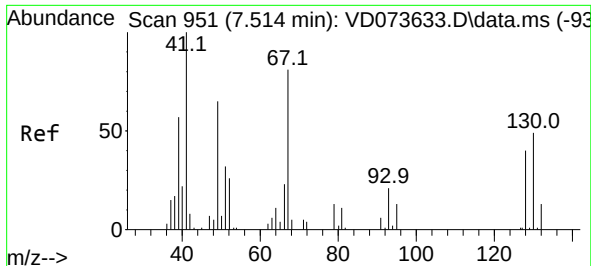
Tgt Ion: 78 Resp: 57801

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

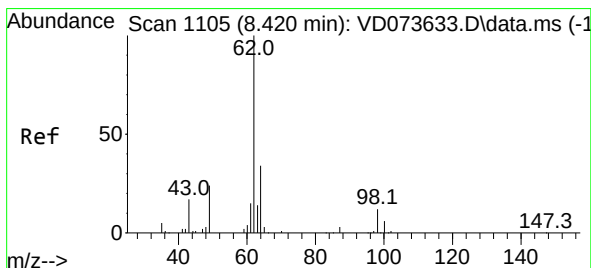
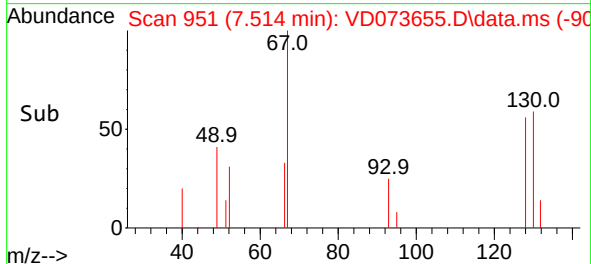
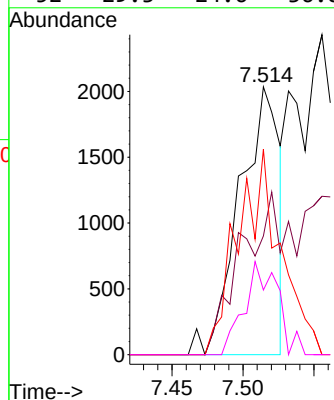
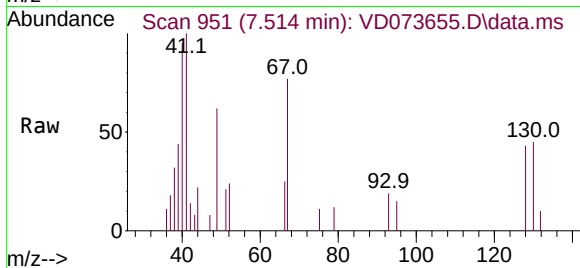




#41
Methacrylonitrile
Concen: 5.128 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

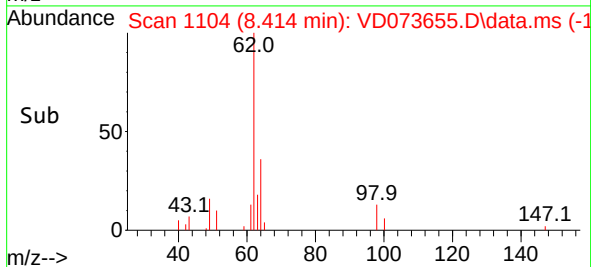
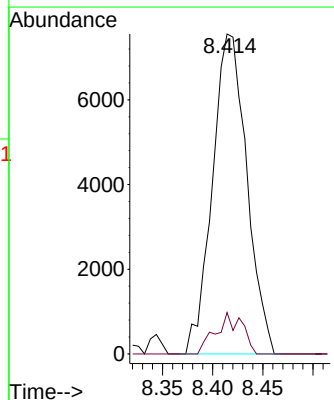
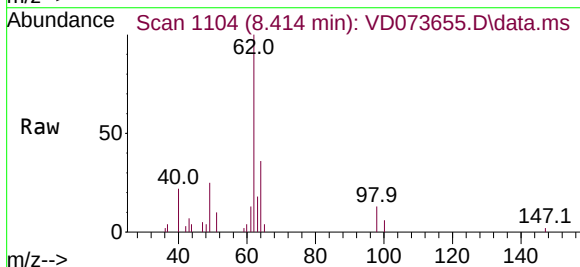
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

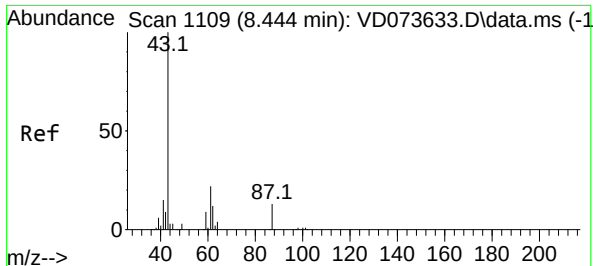
Tgt Ion:	41	Resp:	3952
Ion	Ratio	Lower	Upper
41	100		
39	73.6	43.0	64.6#
67	82.0	60.8	91.2
52	29.3	24.6	36.8



#42
1,2-Dichloroethane
Concen: 5.766 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:	62	Resp:	18027
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6

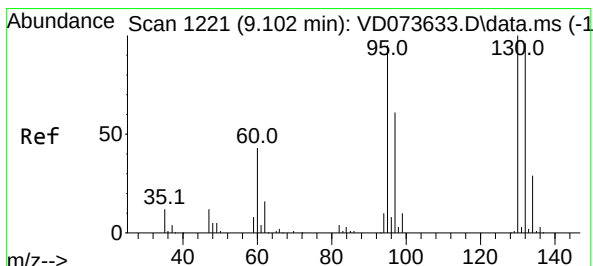
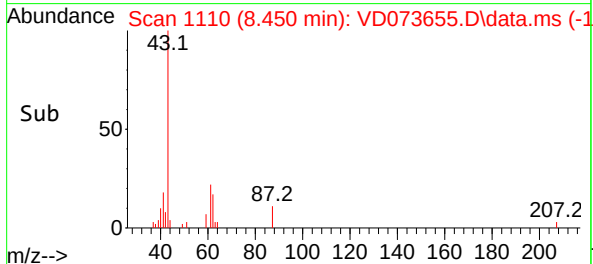
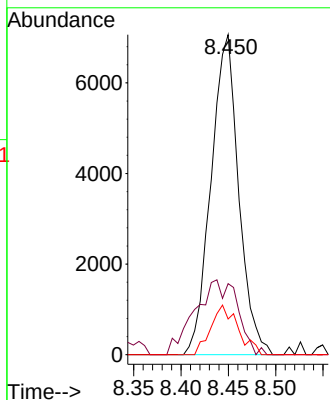
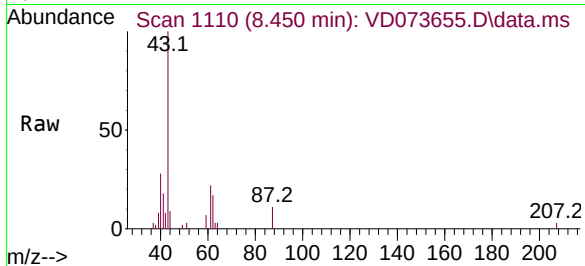




#43
Isopropyl Acetate
Concen: 5.480 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

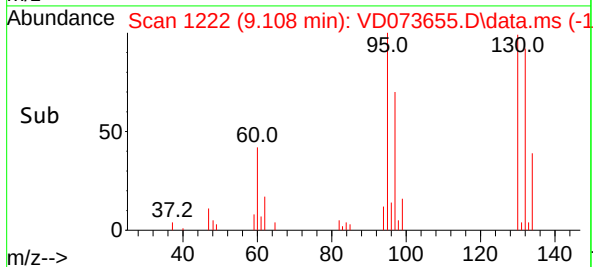
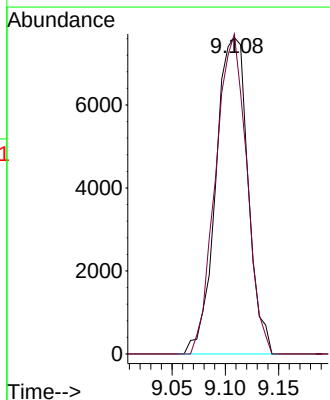
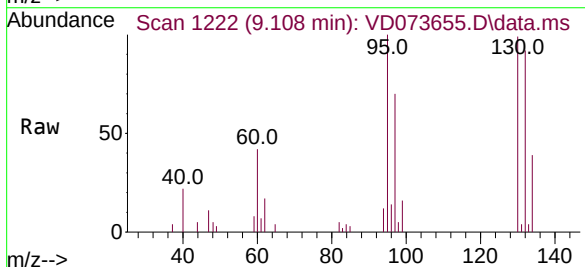
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

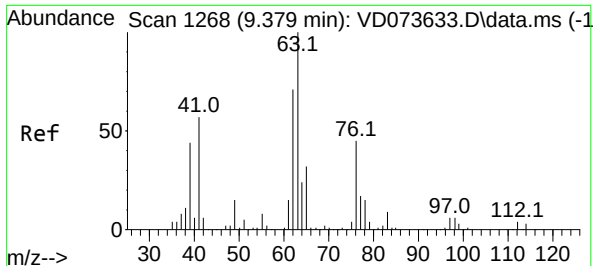
Tgt Ion:	43	Resp:	14361
Ion	Ratio	Lower	Upper
43	100		
61	36.0	27.0	40.6
87	15.2	11.8	17.8



#44
Trichloroethene
Concen: 5.359 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:	130	Resp:	15976
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	190.0





#45

1,2-Dichloropropane

Concen: 5.240 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

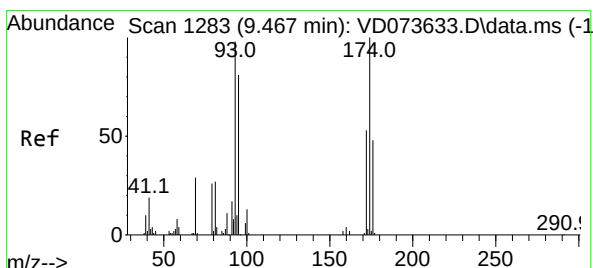
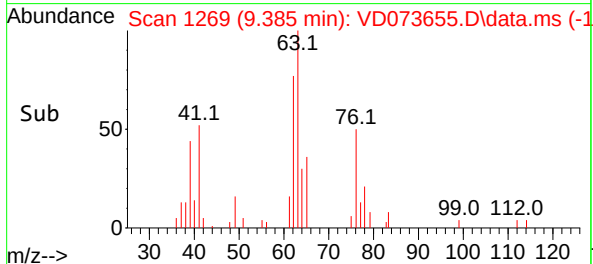
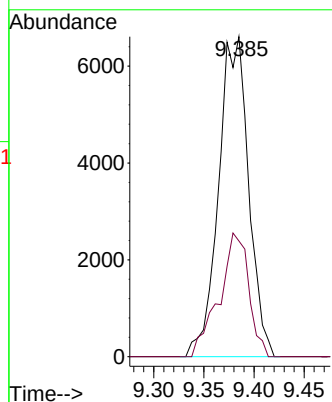
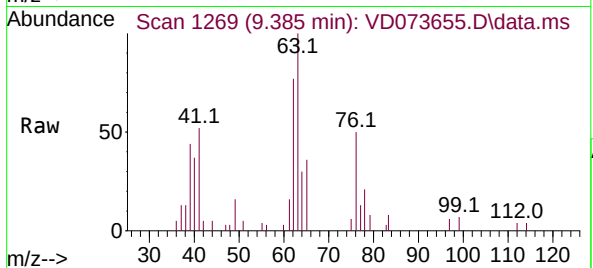
LOQ-SOIL-02-QT2-2022

Tgt Ion: 63 Resp: 13781

Ion Ratio Lower Upper

63 100

65 36.1 25.3 37.9



#46

Dibromomethane

Concen: 6.016 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

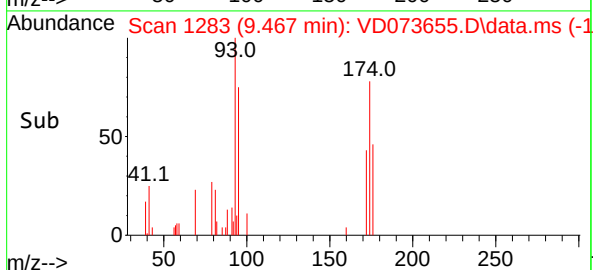
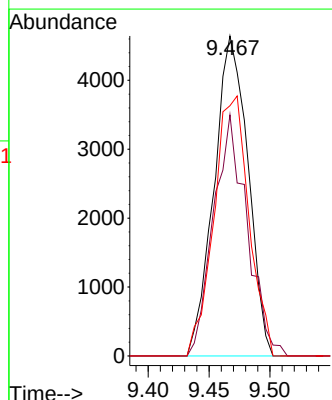
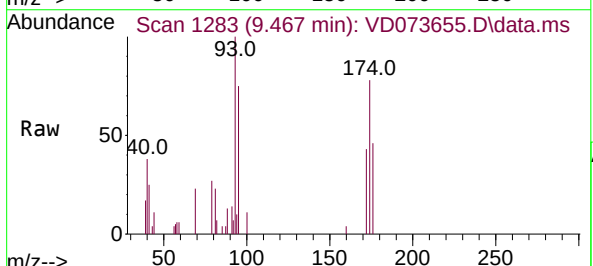
Tgt Ion: 93 Resp: 8985

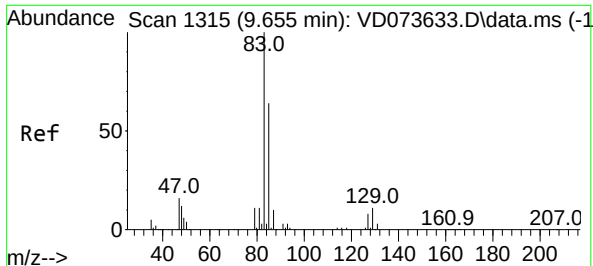
Ion Ratio Lower Upper

93 100

95 74.5 66.3 99.5

174 84.2 81.1 121.7





#47

Bromodichloromethane

Concen: 5.642 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

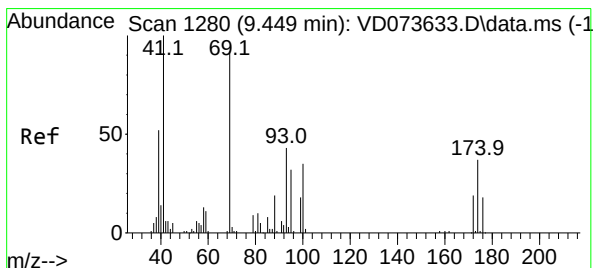
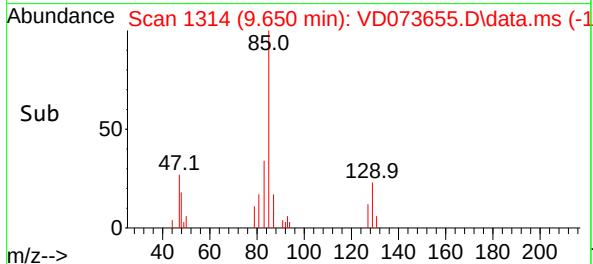
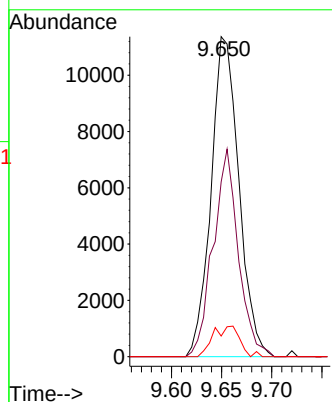
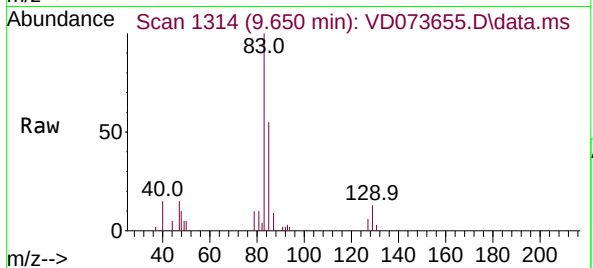
Tgt Ion: 83 Resp: 21928

Ion Ratio Lower Upper

83 100

85 54.6 51.4 77.2

127 6.5 6.4 9.6



#48

Methyl methacrylate

Concen: 4.883 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

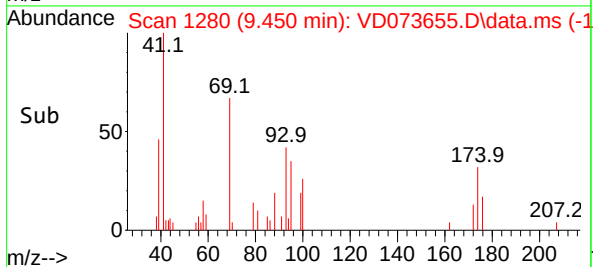
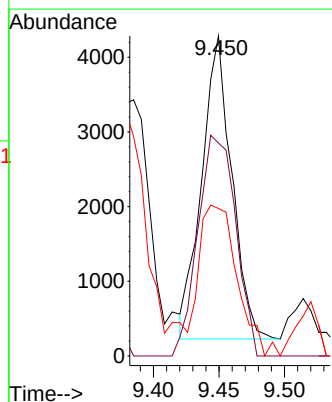
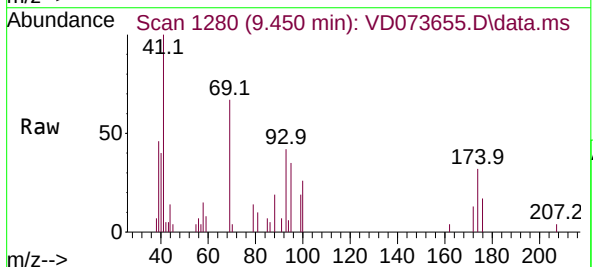
Tgt Ion: 41 Resp: 6478

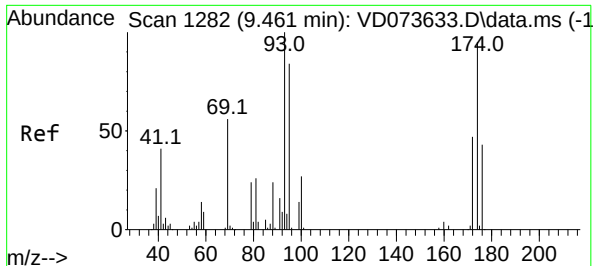
Ion Ratio Lower Upper

41 100

69 91.5 67.6 101.4

39 64.6 45.4 68.0





#49

1,4-Dioxane

Concen: 88.395 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD073655.D

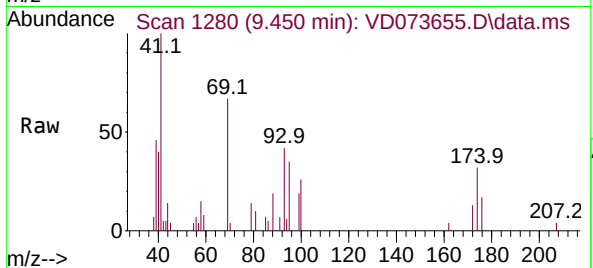
Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022



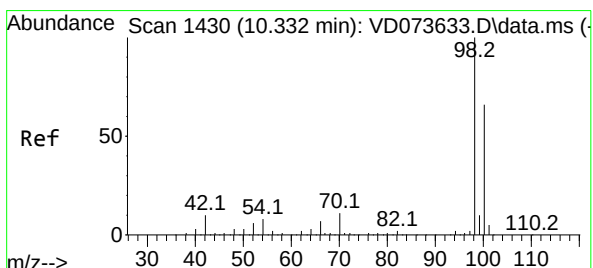
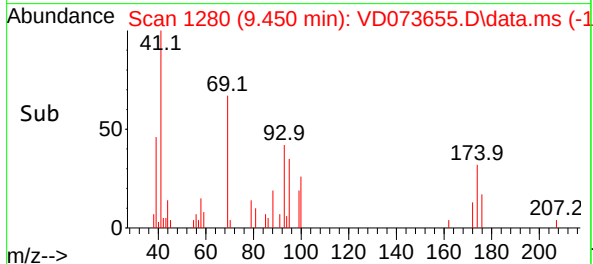
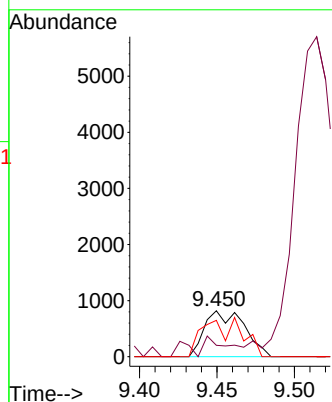
Tgt Ion: 88 Resp: 1463

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.8#

58 47.6 56.9 85.3#



#50

Toluene-d8

Concen: 5.689 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073655.D

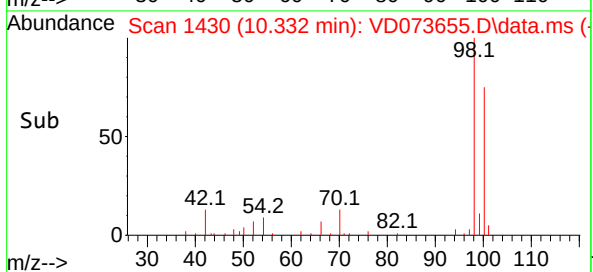
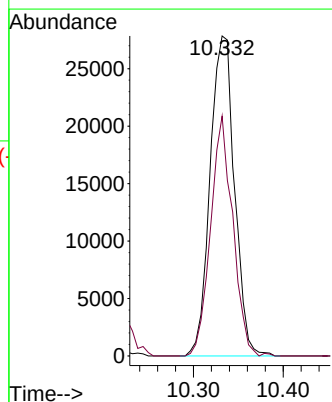
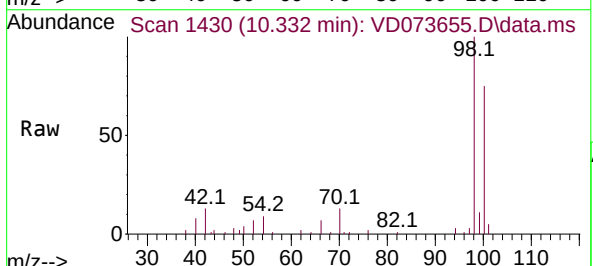
Acq: 22 Jun 2022 15:24

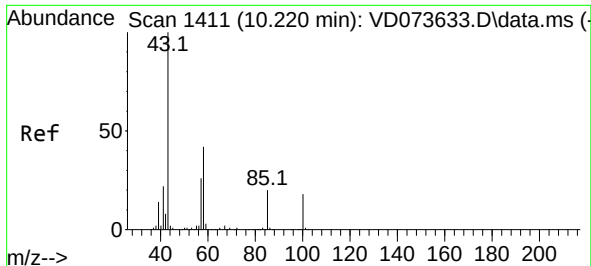
Tgt Ion: 98 Resp: 52597

Ion Ratio Lower Upper

98 100

100 68.2 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 26.760 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

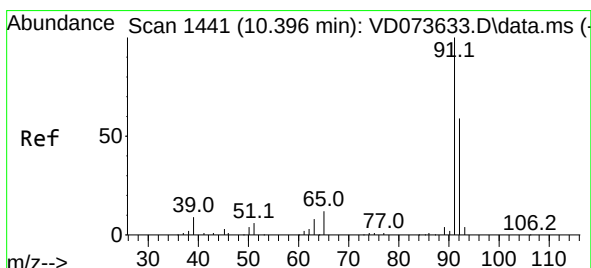
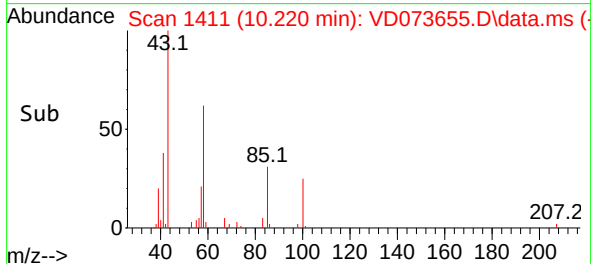
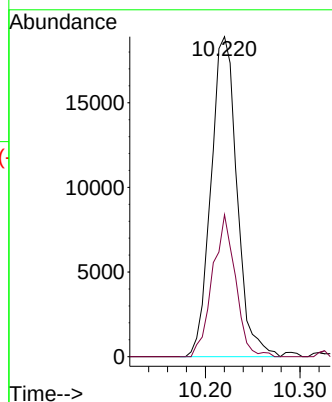
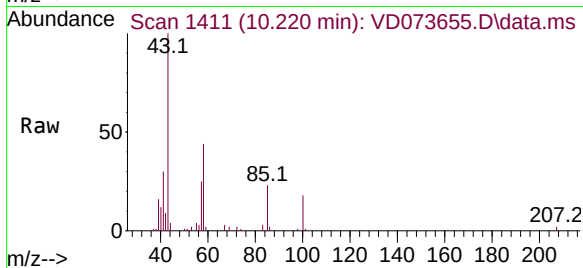
LOQ-SOIL-02-QT2-2022

Tgt Ion: 43 Resp: 36006

Ion Ratio Lower Upper

43 100

58 39.4 32.4 48.6



#52

Toluene

Concen: 5.310 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VD073655.D

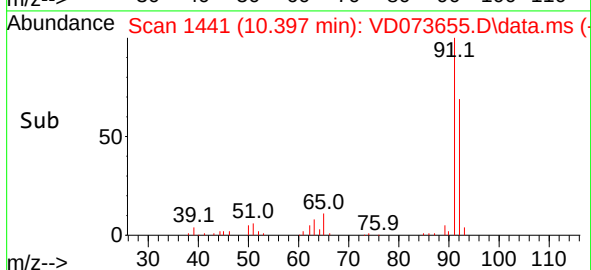
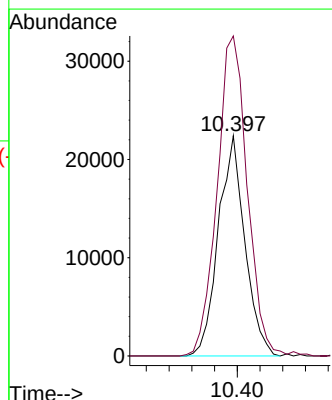
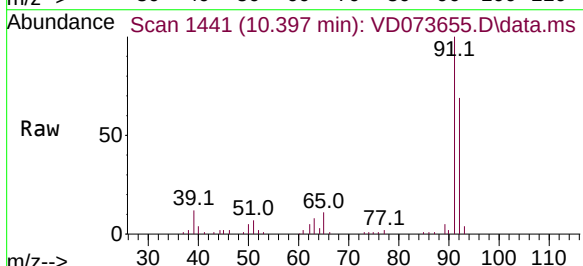
Acq: 22 Jun 2022 15:24

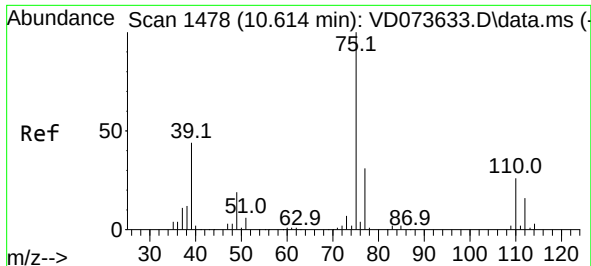
Tgt Ion: 92 Resp: 36325

Ion Ratio Lower Upper

92 100

91 165.6 136.1 204.1

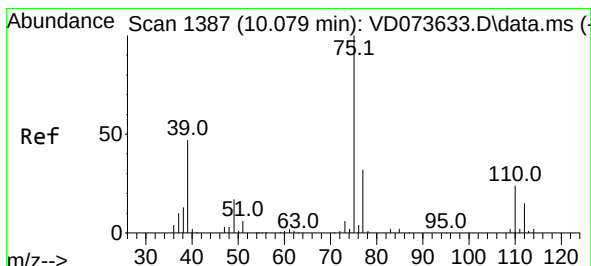
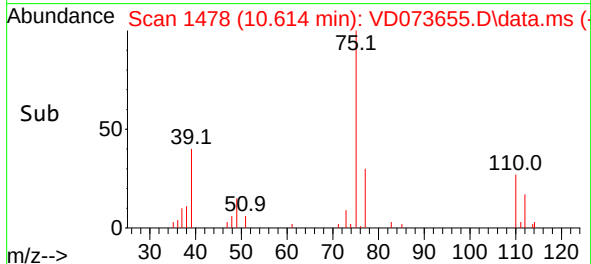
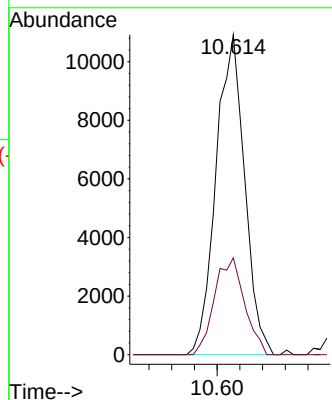
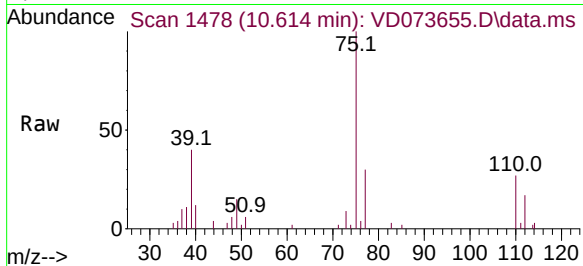




#53
t-1,3-Dichloropropene
Concen: 5.360 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

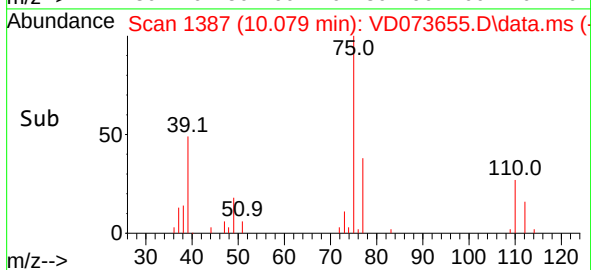
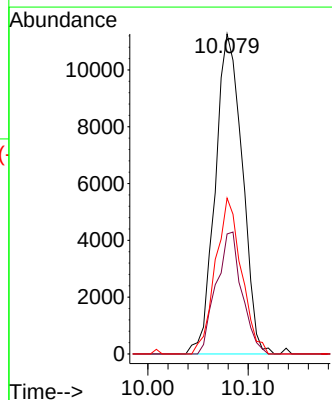
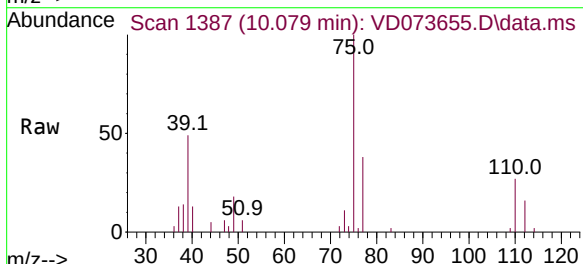
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

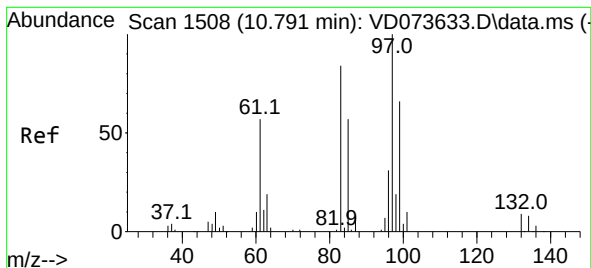
Tgt Ion: 75 Resp: 19077
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 5.062 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 75 Resp: 21066
Ion Ratio Lower Upper
75 100
77 37.5 25.8 38.8
39 48.7 37.9 56.9





#55

1,1,2-Trichloroethane

Concen: 5.991 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 97 Resp: 12635

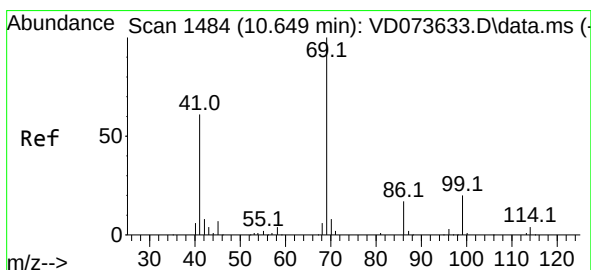
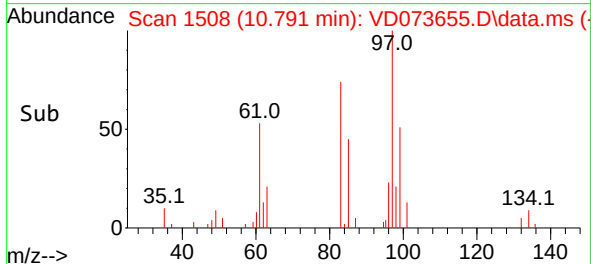
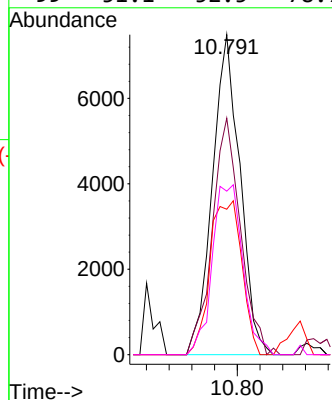
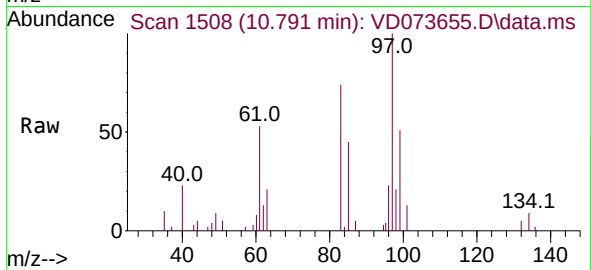
Ion Ratio Lower Upper

97 100

83 73.9 66.8 100.2

85 45.5 45.2 67.8

99 51.1 52.5 78.7#



#56

Ethyl methacrylate

Concen: 4.740 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

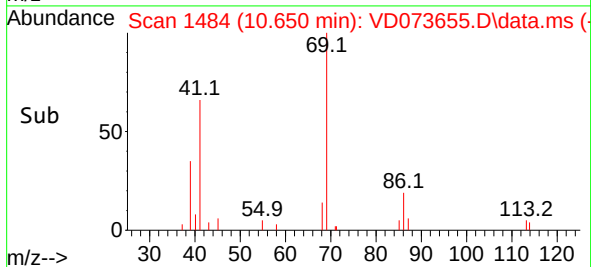
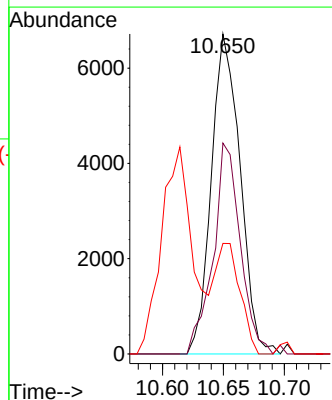
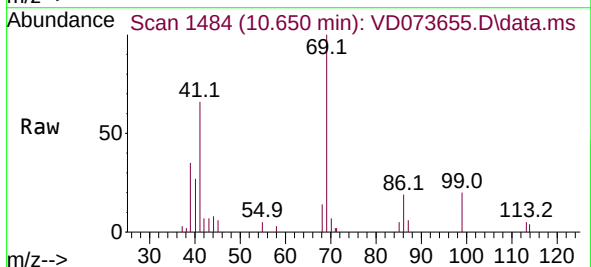
Tgt Ion: 69 Resp: 11031

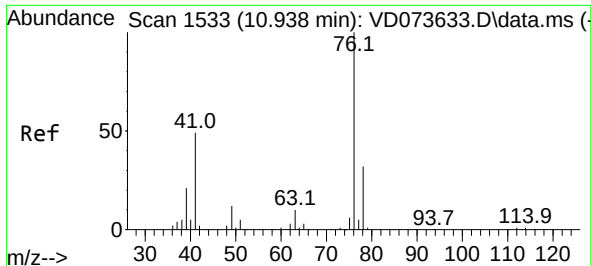
Ion Ratio Lower Upper

69 100

41 62.8 50.8 76.2

39 29.6 26.2 39.4





#57

1,3-Dichloropropane

Concen: 5.593 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

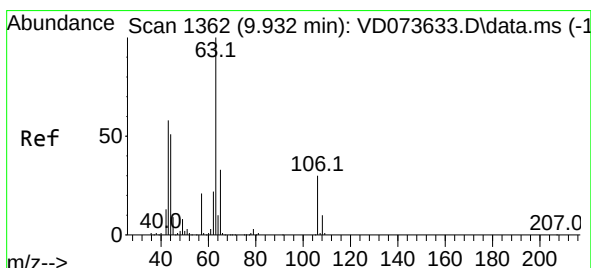
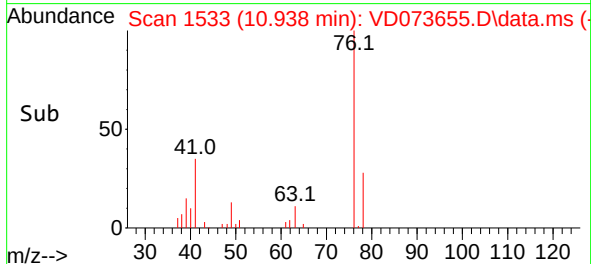
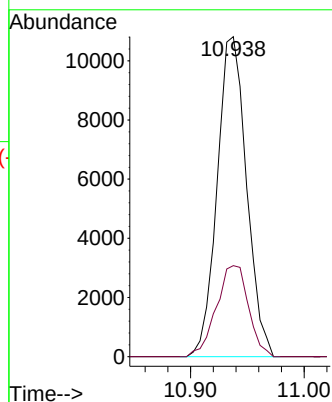
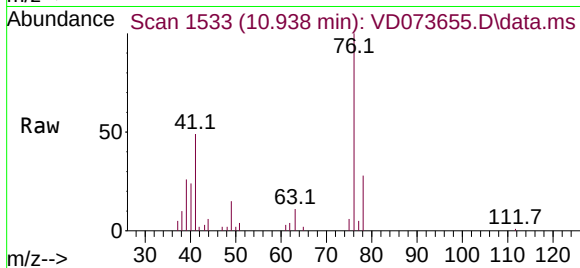
LOQ-SOIL-02-QT2-2022

Tgt Ion: 76 Resp: 19429

Ion Ratio Lower Upper

76 100

78 31.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 28.644 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VD073655.D

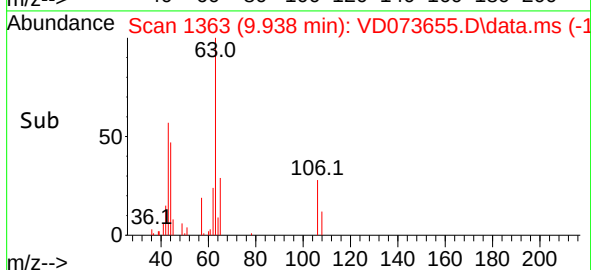
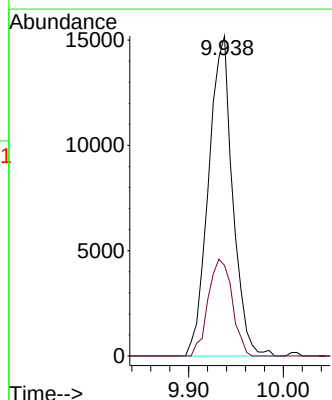
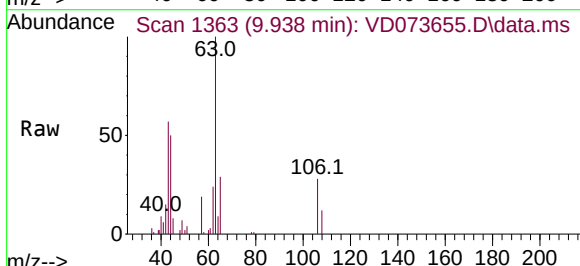
Acq: 22 Jun 2022 15:24

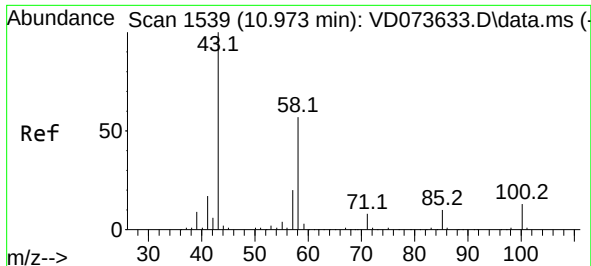
Tgt Ion: 63 Resp: 26810

Ion Ratio Lower Upper

63 100

106 30.2 23.7 35.5

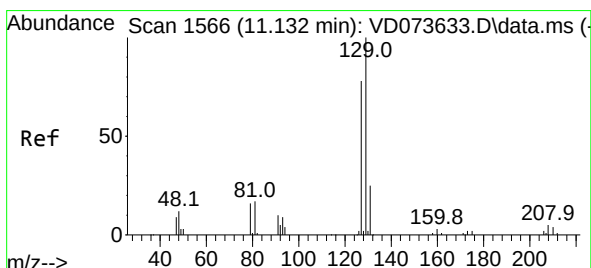
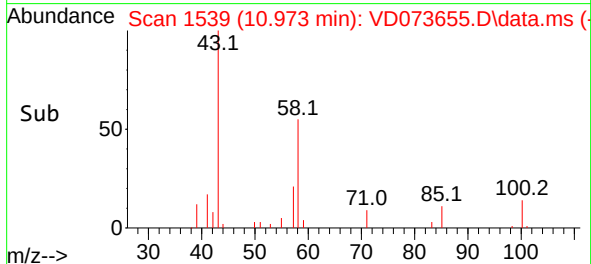
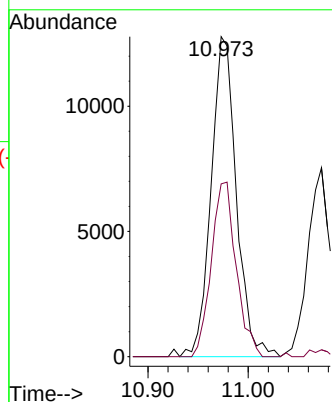
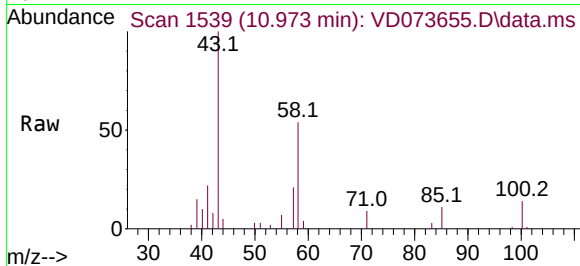




#59
2-Hexanone
Concen: 24.009 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

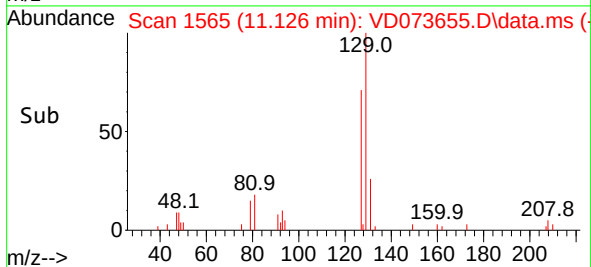
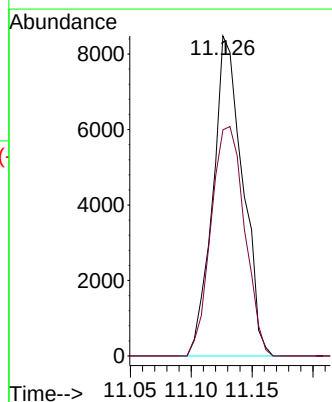
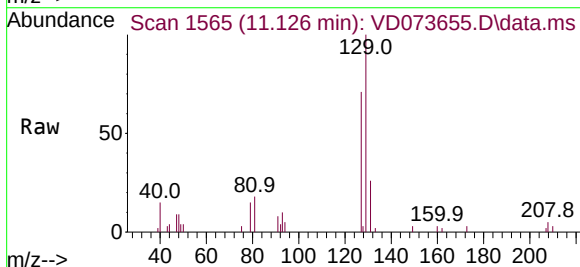
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

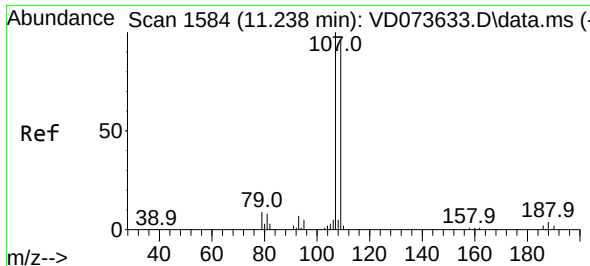
Tgt Ion: 43 Resp: 22278
Ion Ratio Lower Upper
43 100
58 53.8 28.1 84.2



#60
Dibromochloromethane
Concen: 5.260 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 129 Resp: 14462
Ion Ratio Lower Upper
129 100
127 80.5 39.4 118.2

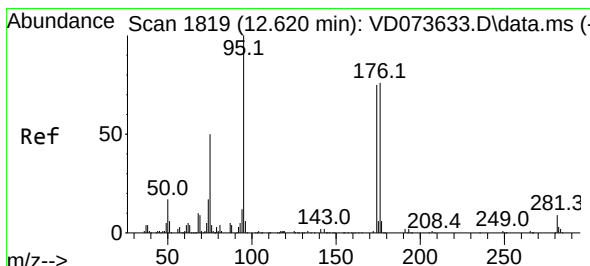
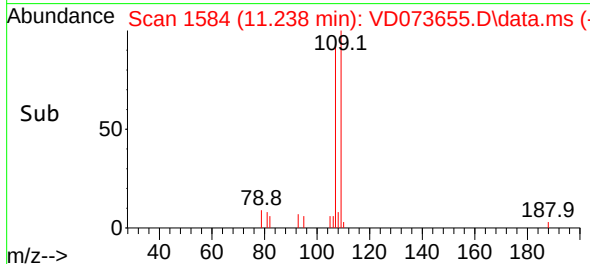
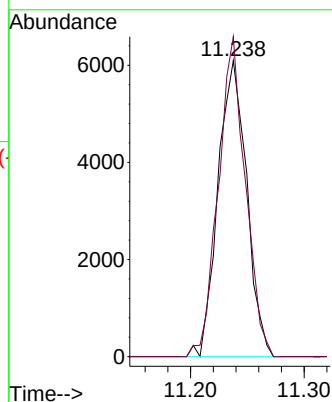
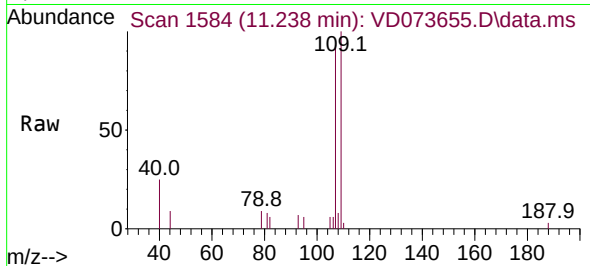




#61
1,2-Dibromoethane
Concen: 5.285 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

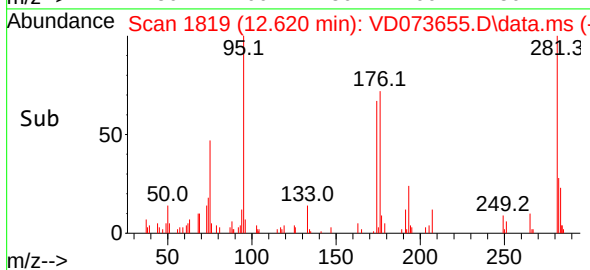
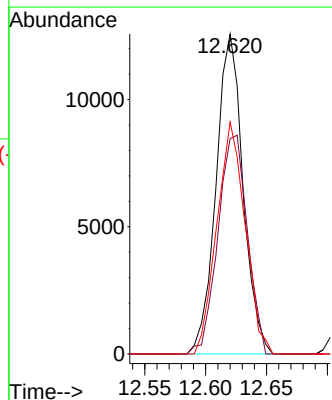
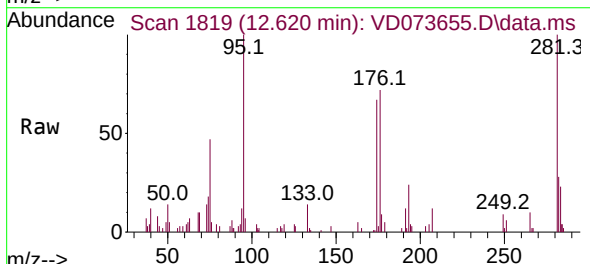
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

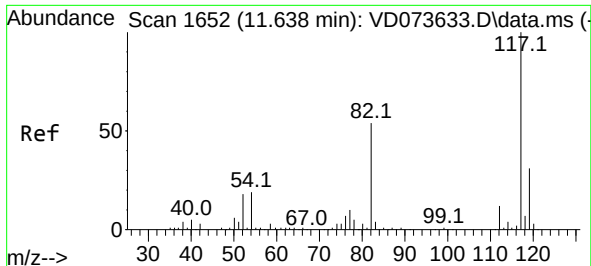
Tgt Ion:107 Resp: 10679
Ion Ratio Lower Upper
107 100
109 102.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 5.715 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 95 Resp: 19377
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.4
176 76.3 0.0 151.8

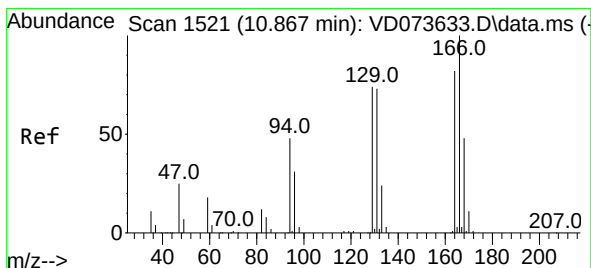
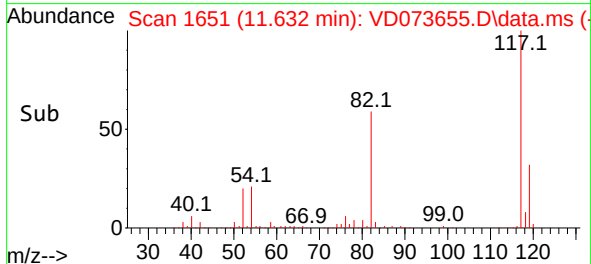
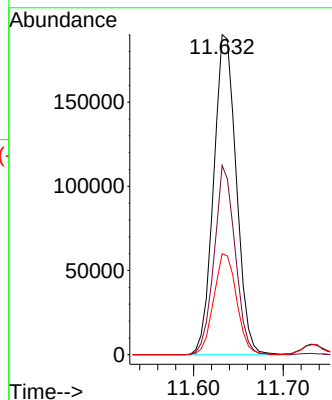
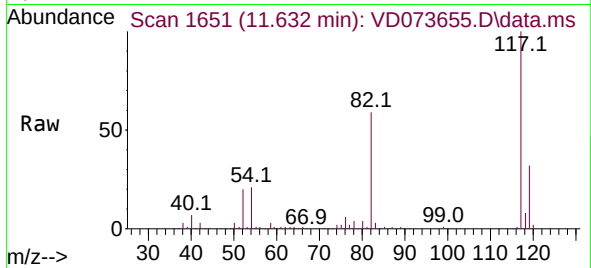




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

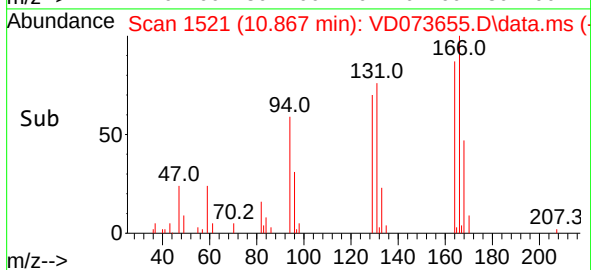
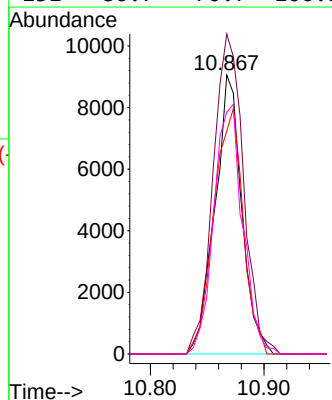
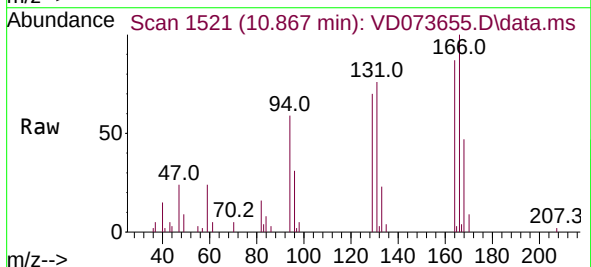
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

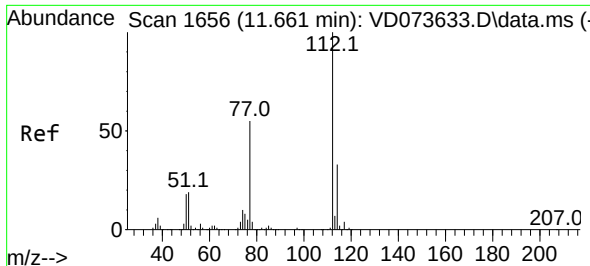
Tgt Ion:117 Resp: 333370
Ion Ratio Lower Upper
117 100
82 59.1 43.0 64.4
119 31.6 24.5 36.7



#64
Tetrachloroethene
Concen: 6.039 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:164 Resp: 14903
Ion Ratio Lower Upper
164 100
166 114.7 97.1 145.7
129 79.9 72.1 108.1
131 86.7 70.7 106.1

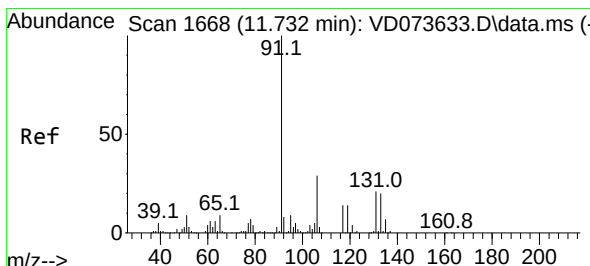
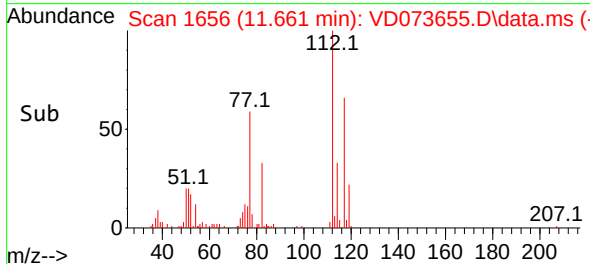
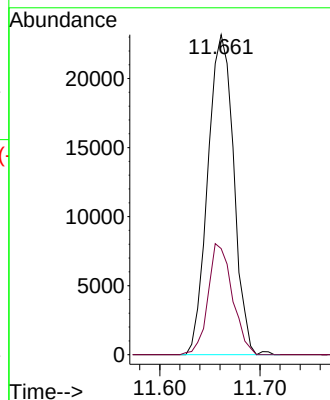
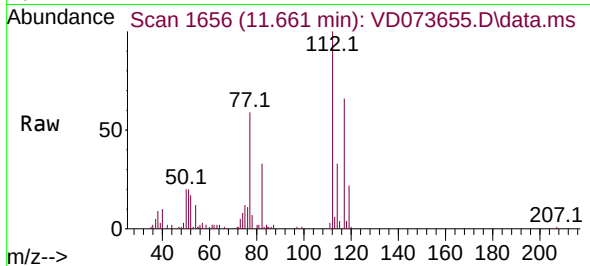




#65
Chlorobenzene
Concen: 5.587 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

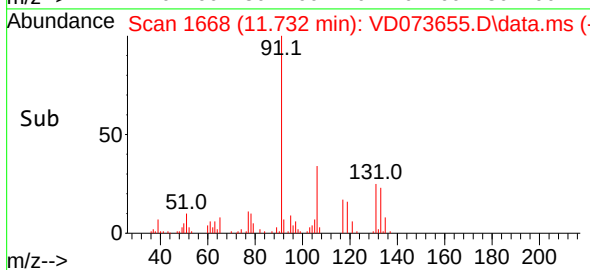
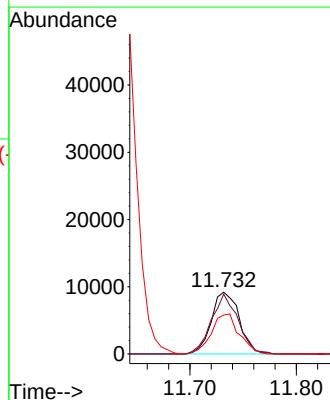
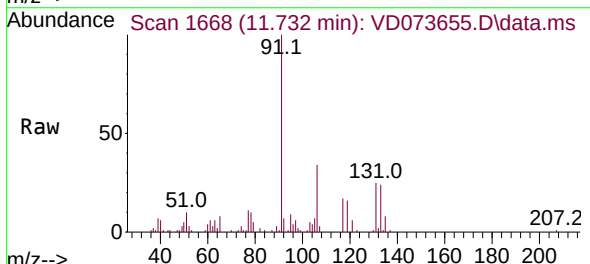
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

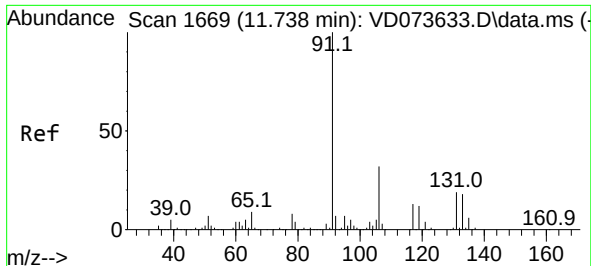
Tgt Ion:112 Resp: 41593
Ion Ratio Lower Upper
112 100
114 33.1 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.774 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:131 Resp: 16657
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 64.5 32.6 97.7





#67

Ethyl Benzene

Concen: 5.316 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

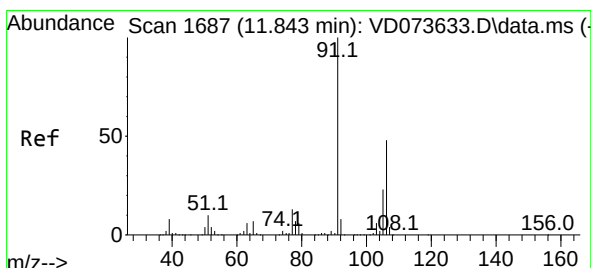
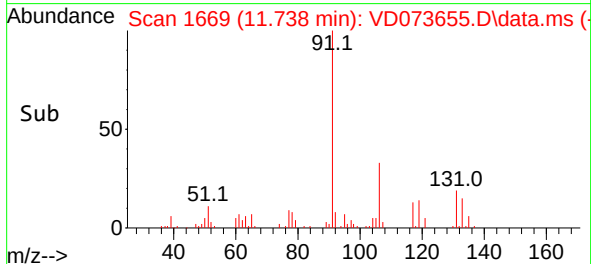
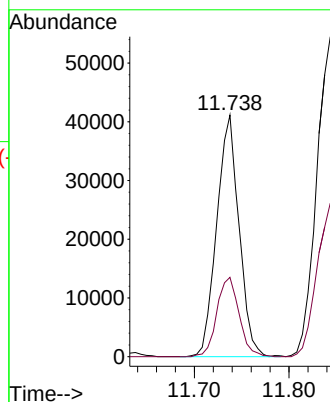
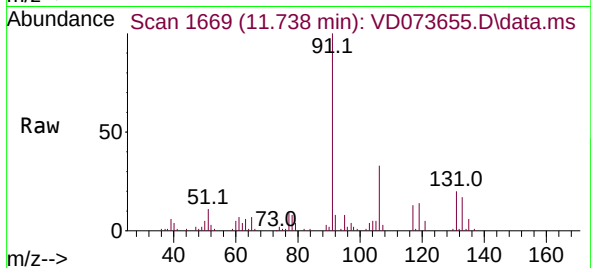
LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 67278

Ion Ratio Lower Upper

91 100

106 32.9 25.8 38.6



#68

m/p-Xylenes

Concen: 10.294 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073655.D

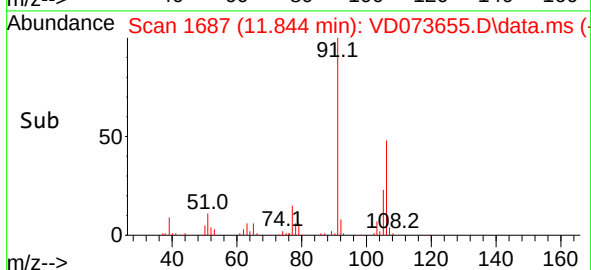
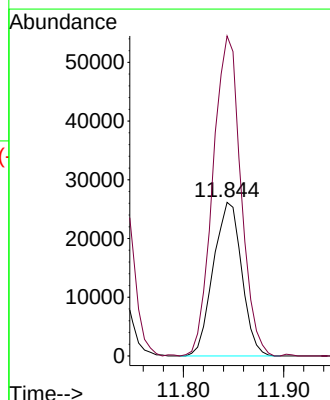
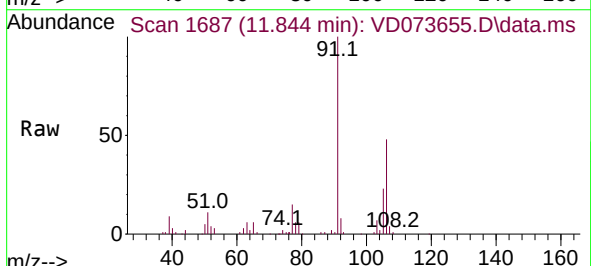
Acq: 22 Jun 2022 15:24

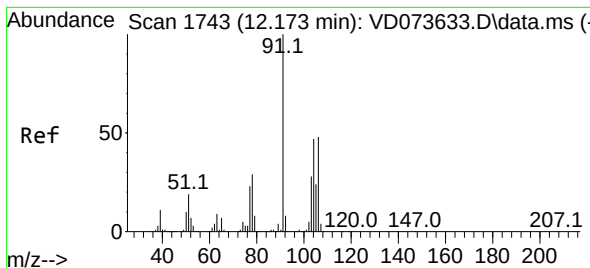
Tgt Ion: 106 Resp: 51305

Ion Ratio Lower Upper

106 100

91 205.5 162.7 244.1





#69

o-Xylene

Concen: 5.262 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

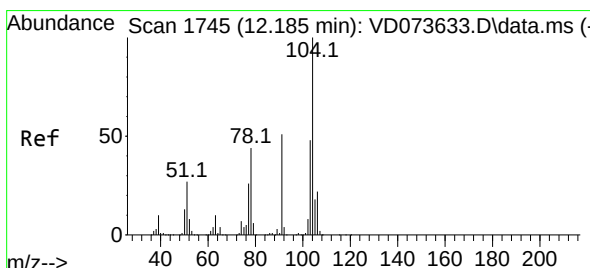
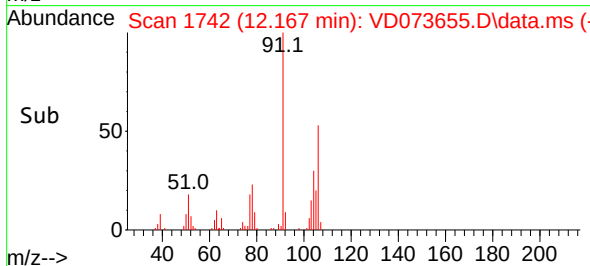
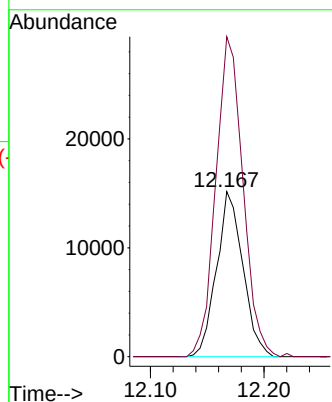
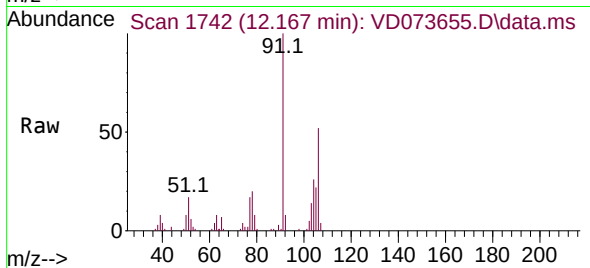
LOQ-SOIL-02-QT2-2022

Tgt Ion:106 Resp: 24444

Ion Ratio Lower Upper

106 100

91 200.2 107.1 321.3



#70

Styrene

Concen: 4.990 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

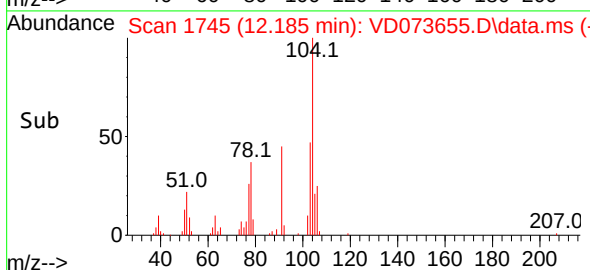
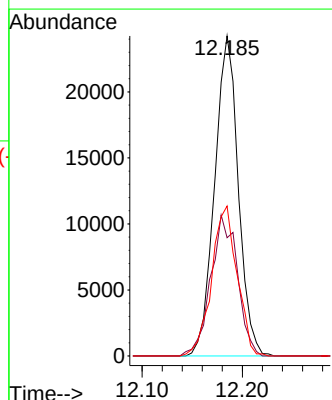
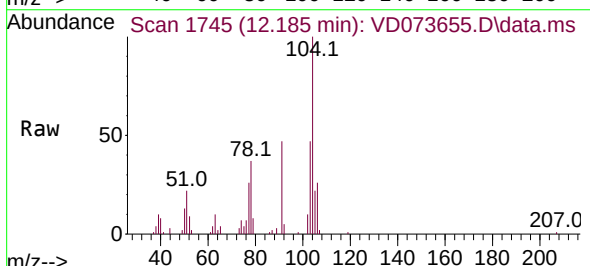
Tgt Ion:104 Resp: 39753

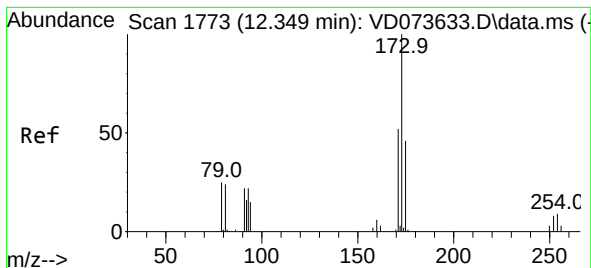
Ion Ratio Lower Upper

104 100

78 49.5 40.1 60.1

103 50.5 42.8 64.2





#71

Bromoform

Concen: 5.703 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

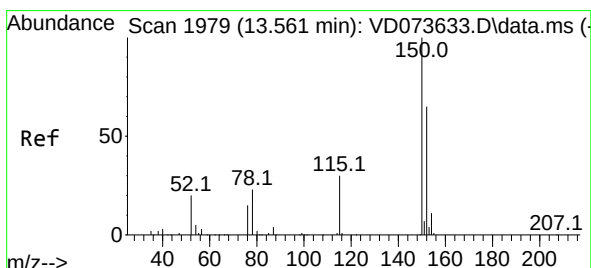
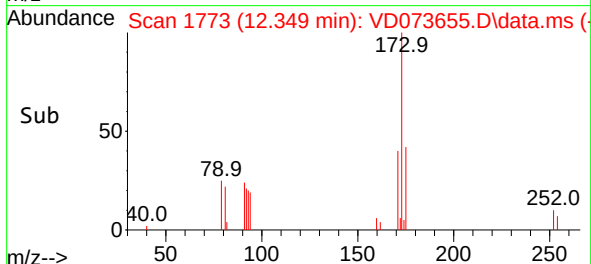
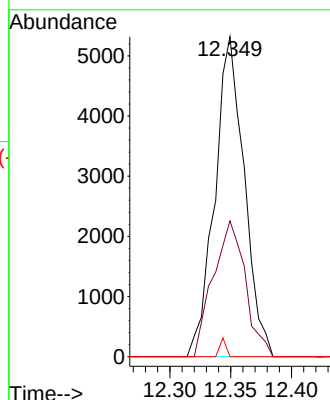
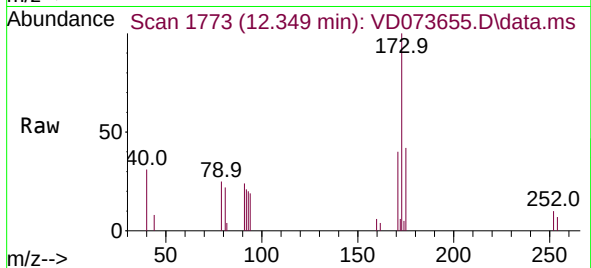
Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:	173	Resp:	8958
Ion Ratio	Lower	Upper	
173	100		
175	46.4	24.2	72.6
254	1.2	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

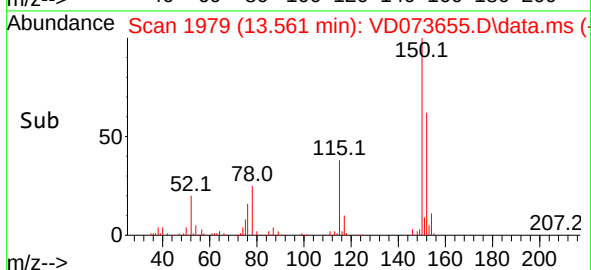
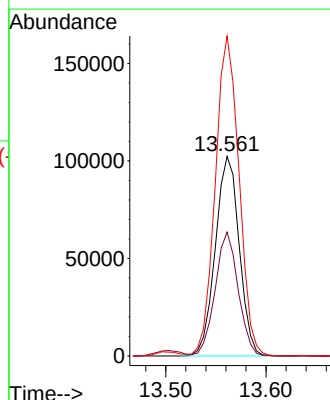
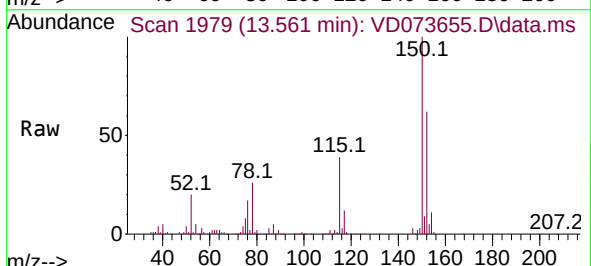
RT: 13.561 min Scan# 1979

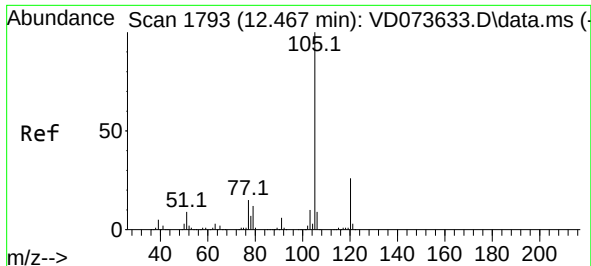
Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Tgt Ion:	152	Resp:	168694
Ion Ratio	Lower	Upper	
152	100		
115	59.9	29.6	88.9
150	159.6	0.0	351.2

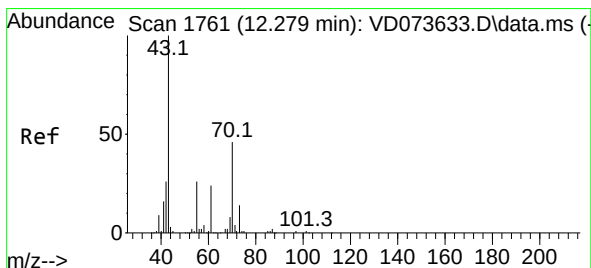
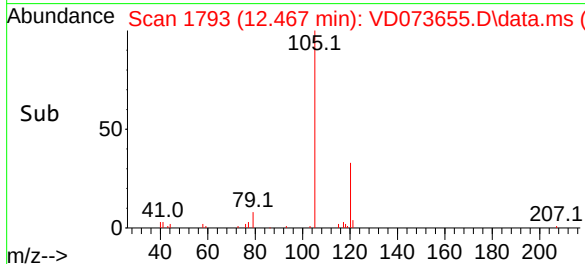
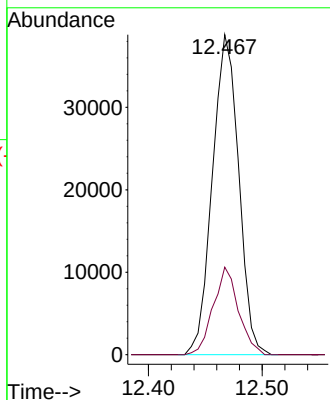
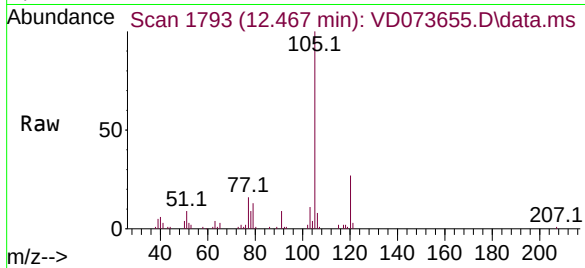




#73
Isopropylbenzene
Concen: 5.128 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

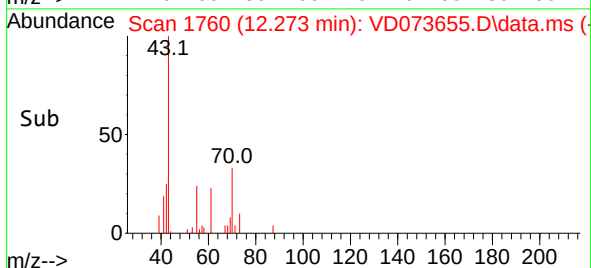
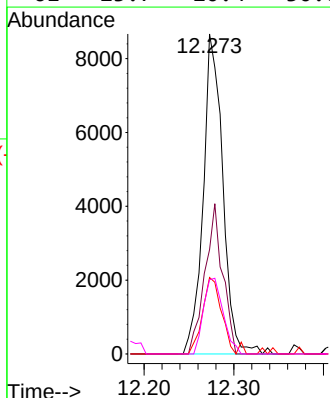
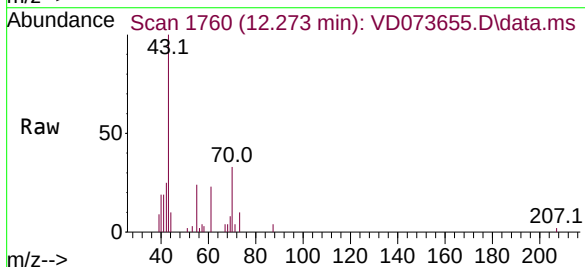
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

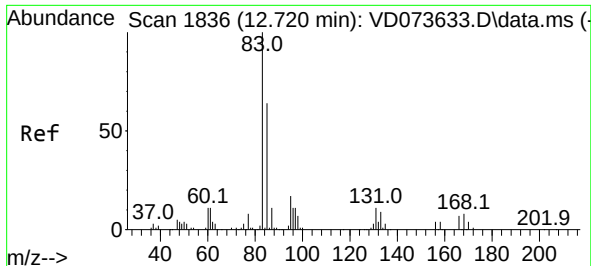
Tgt Ion:105 Resp: 62423
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 5.352 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 43 Resp: 13167
Ion Ratio Lower Upper
43 100
70 42.4 35.8 53.8
55 22.9 21.1 31.7
61 23.7 20.4 30.6

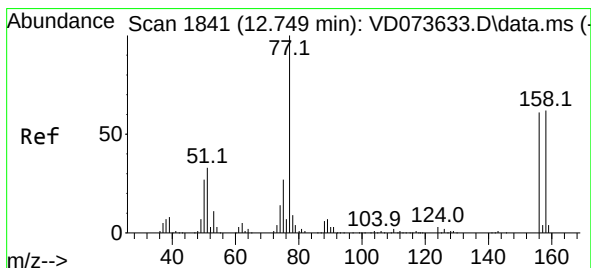
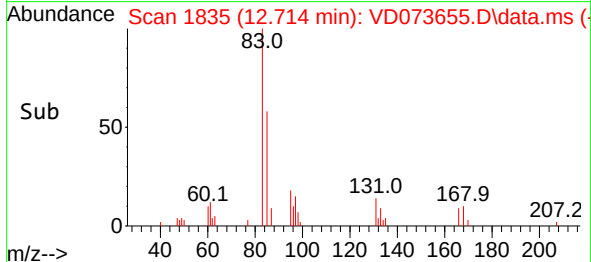
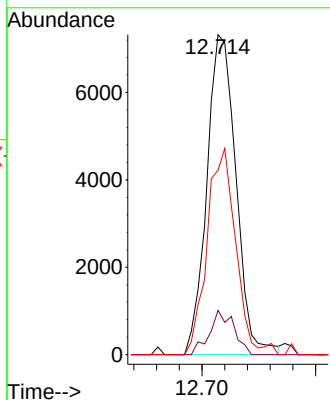
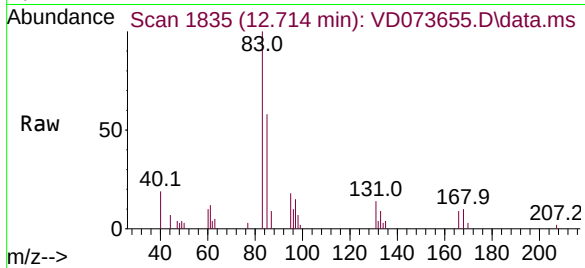




#75
1,1,2,2-Tetrachloroethane
Concen: 5.717 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

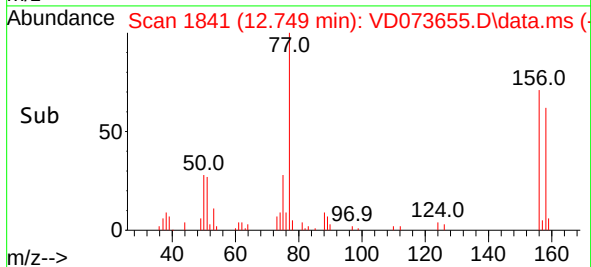
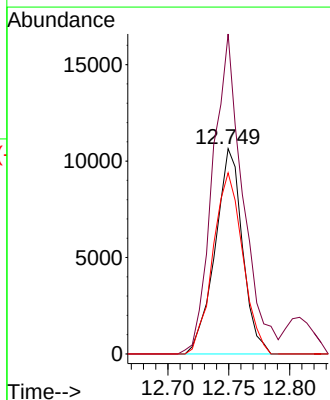
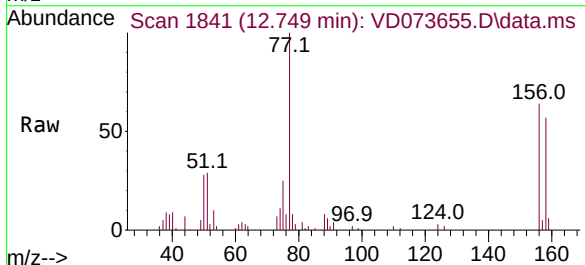
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

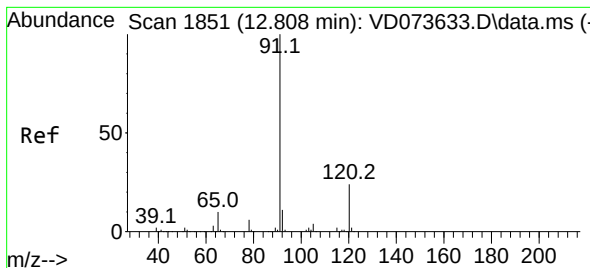
Tgt Ion: 83 Resp: 13087
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.7
85 63.2 31.6 95.0



#77
Bromobenzene
Concen: 5.619 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:156 Resp: 16643
Ion Ratio Lower Upper
156 100
77 171.5 91.5 274.4
158 95.7 48.8 146.3





#78

n-propylbenzene

Concen: 5.308 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

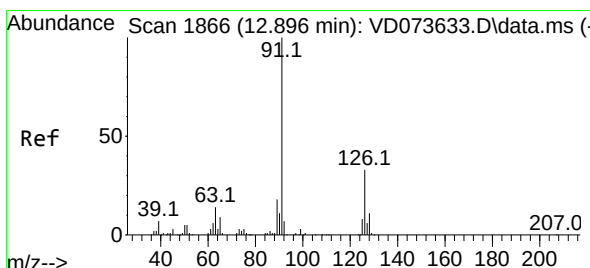
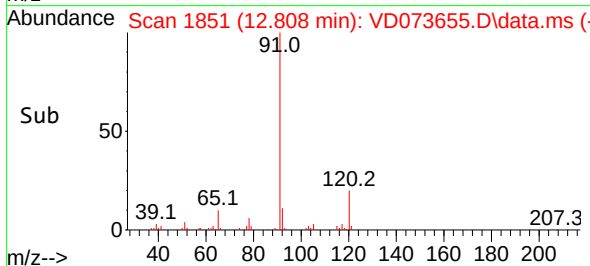
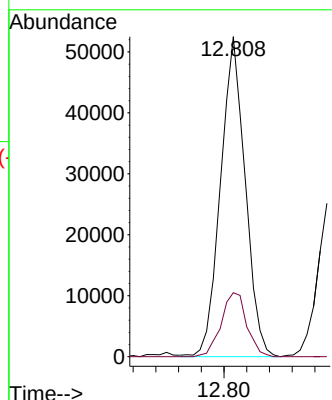
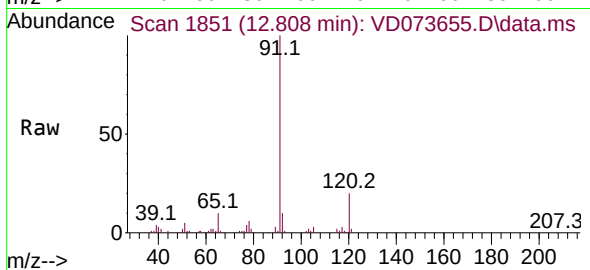
LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 79136

Ion Ratio Lower Upper

91 100

120 20.7 11.5 34.4



#79

2-Chlorotoluene

Concen: 5.256 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073655.D

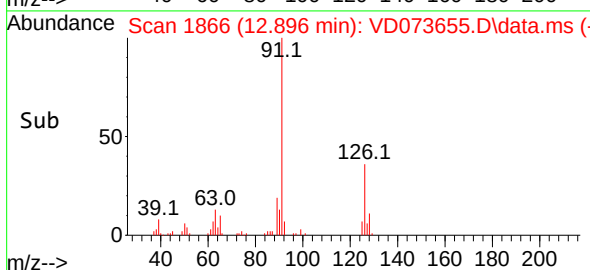
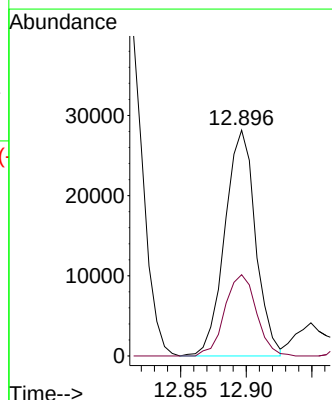
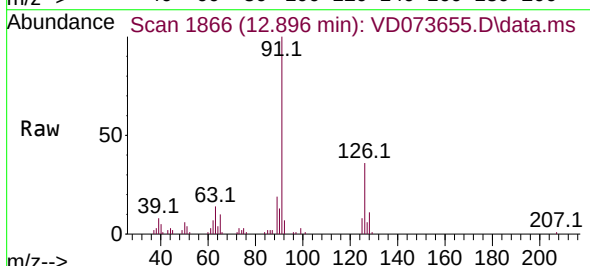
Acq: 22 Jun 2022 15:24

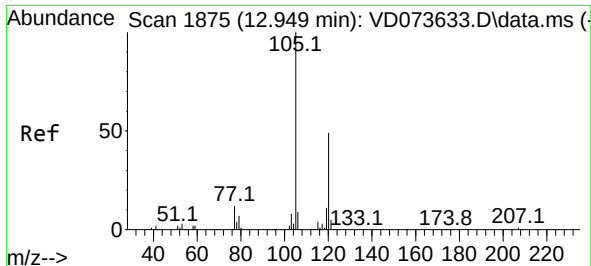
Tgt Ion: 91 Resp: 45965

Ion Ratio Lower Upper

91 100

126 36.9 17.3 51.7

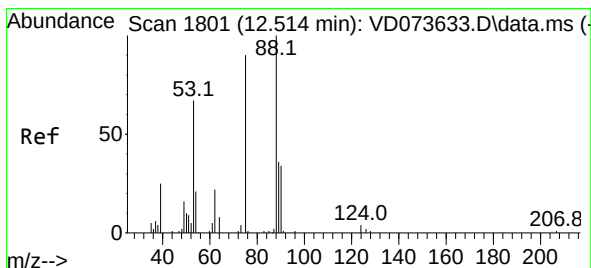
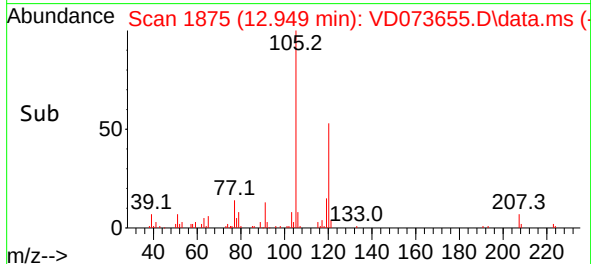
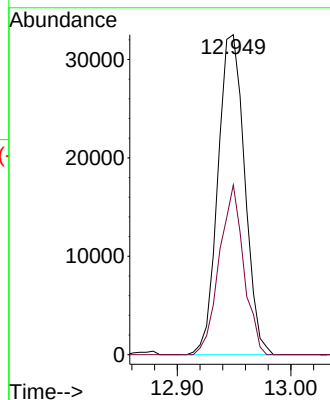
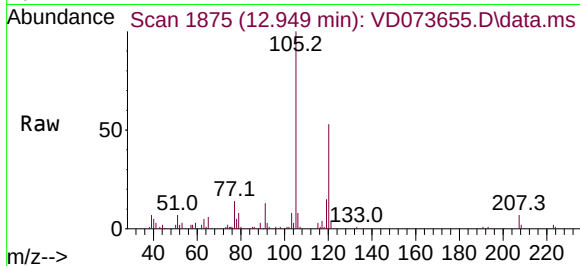




#80
1,3,5-Trimethylbenzene
Concen: 5.122 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

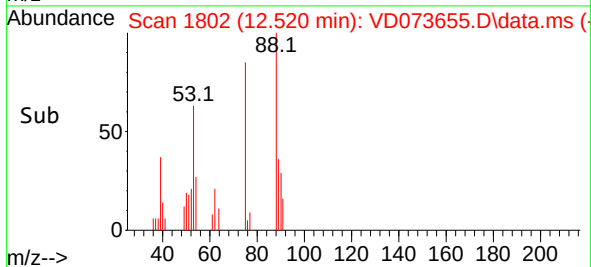
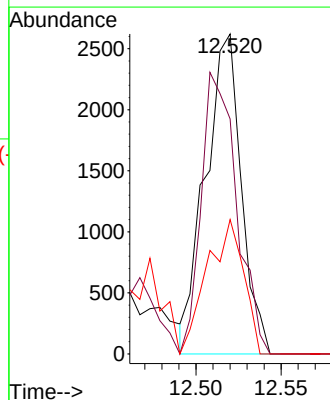
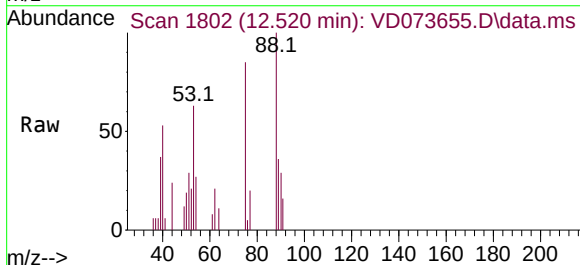
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

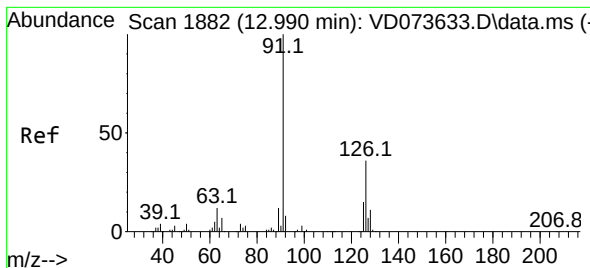
Tgt Ion:105 Resp: 53250
Ion Ratio Lower Upper
105 100
120 48.3 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 5.422 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 75 Resp: 3836
Ion Ratio Lower Upper
75 100
53 86.7 70.5 105.7
89 42.8 35.8 53.8





#82

4-Chlorotoluene

Concen: 5.244 ug/l

RT: 12.996 min Scan# 1883

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

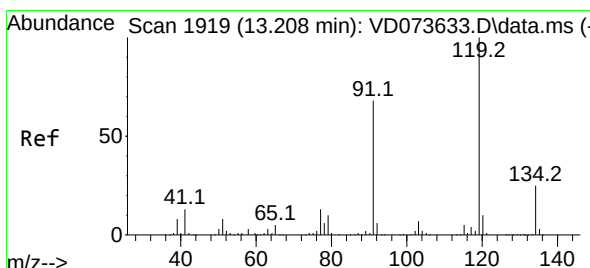
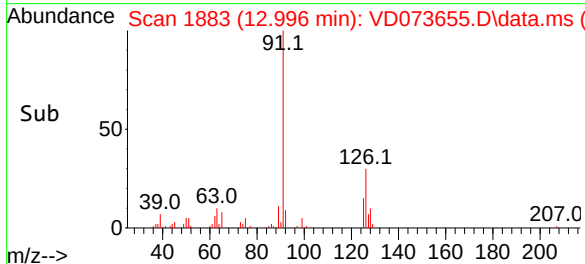
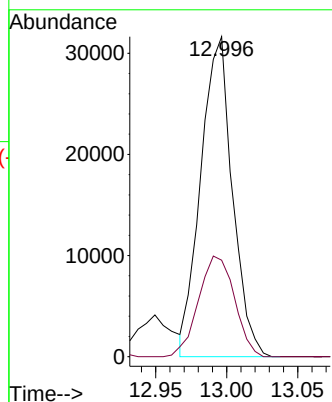
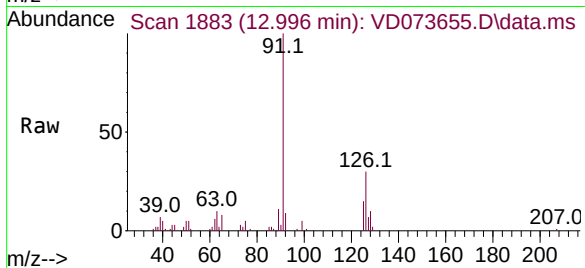
LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 48945

Ion Ratio Lower Upper

91 100

126 35.8 17.1 51.2



#83

tert-Butylbenzene

Concen: 4.964 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

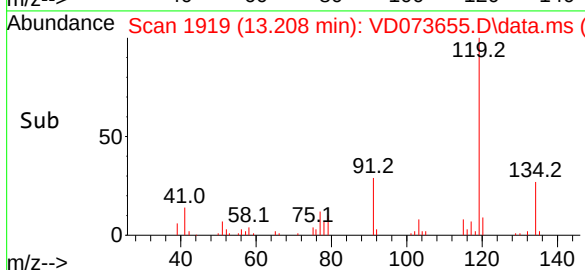
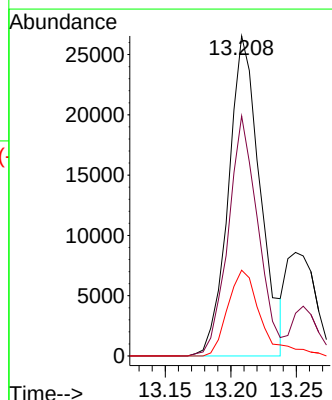
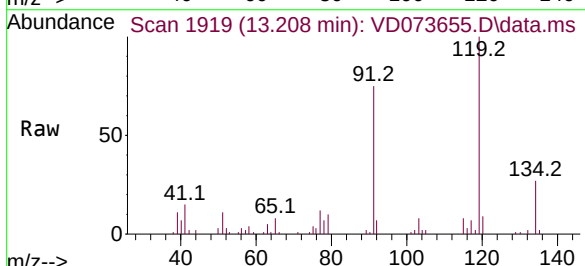
Tgt Ion: 119 Resp: 44667

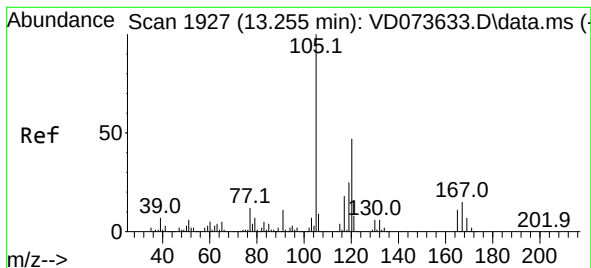
Ion Ratio Lower Upper

119 100

91 70.3 32.3 96.8

134 28.0 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 4.978 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

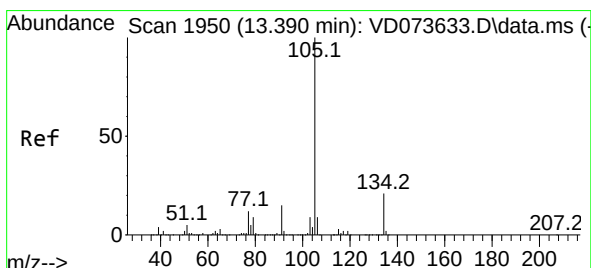
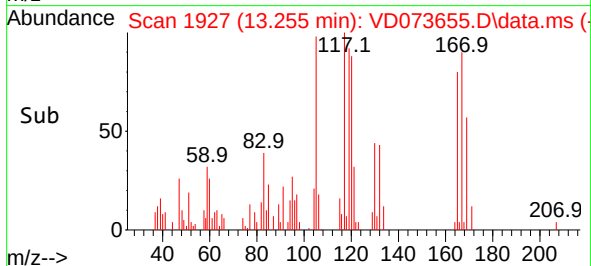
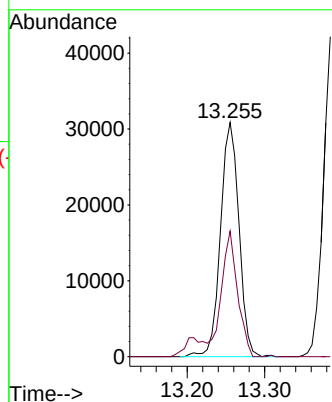
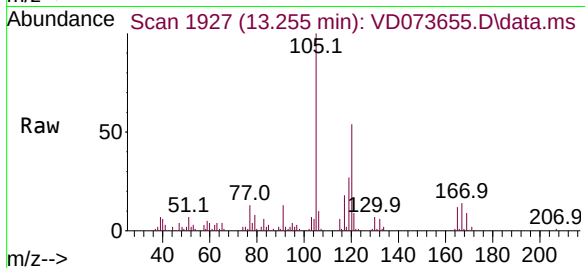
LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 51048

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2



#85

sec-Butylbenzene

Concen: 5.125 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD073655.D

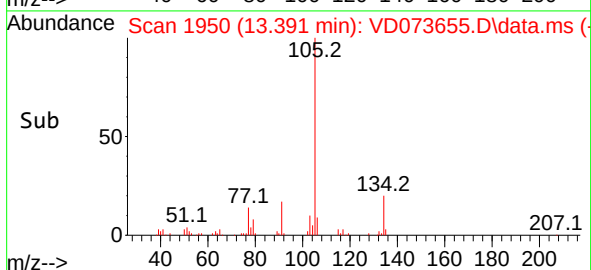
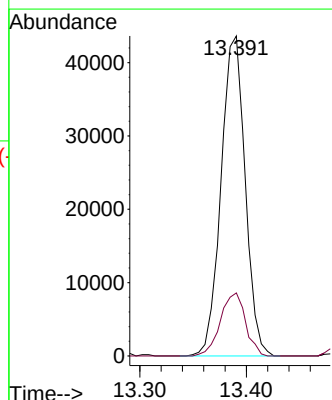
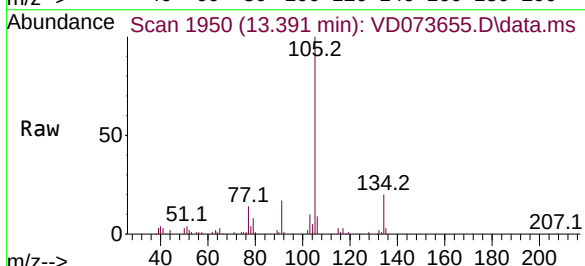
Acq: 22 Jun 2022 15:24

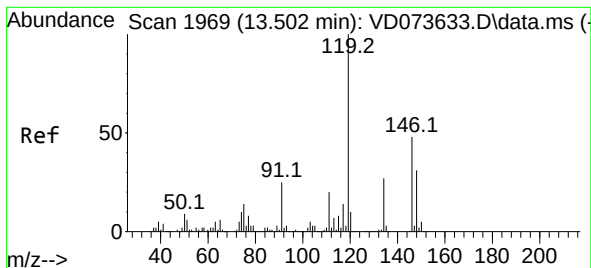
Tgt Ion:105 Resp: 68572

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8





#86

p-Isopropyltoluene

Concen: 5.256 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

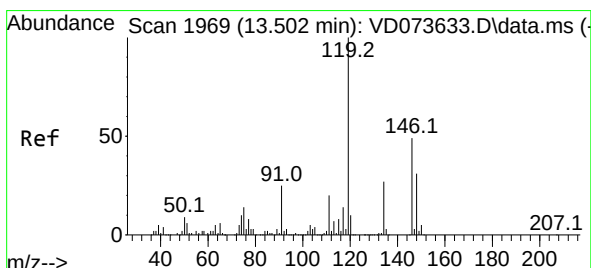
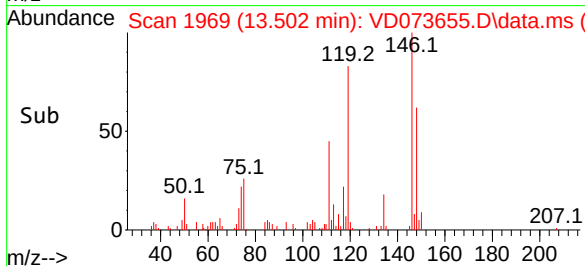
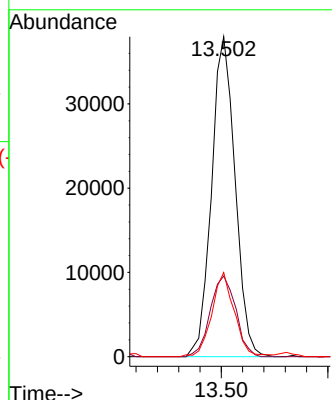
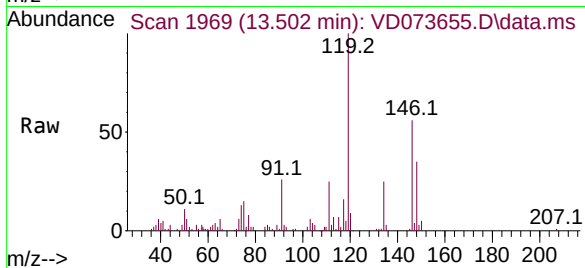
Tgt Ion:119 Resp: 58093

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 25.3 12.0 36.0



#87

1,3-Dichlorobenzene

Concen: 5.567 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

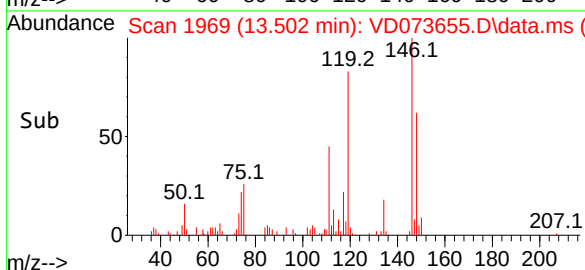
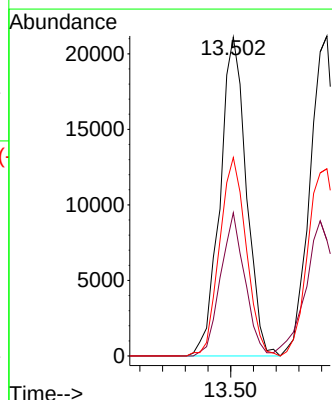
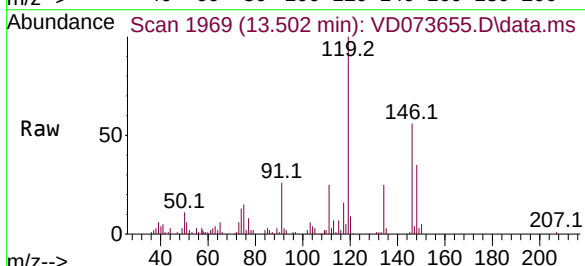
Tgt Ion:146 Resp: 34020

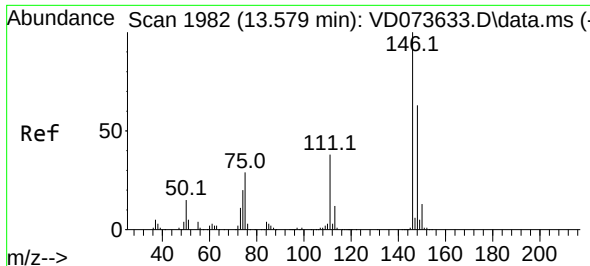
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

148 62.8 31.7 95.1

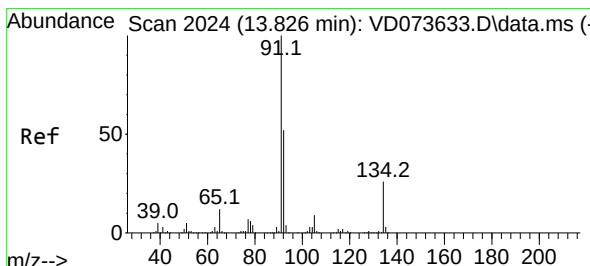
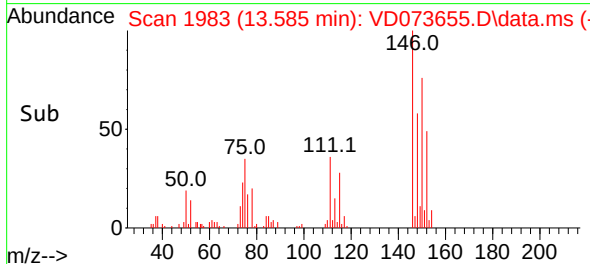
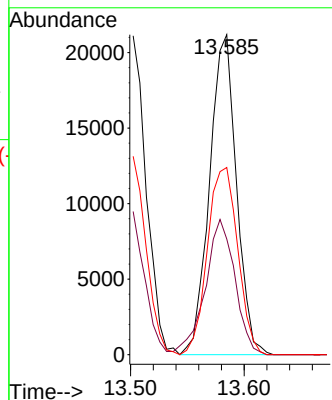
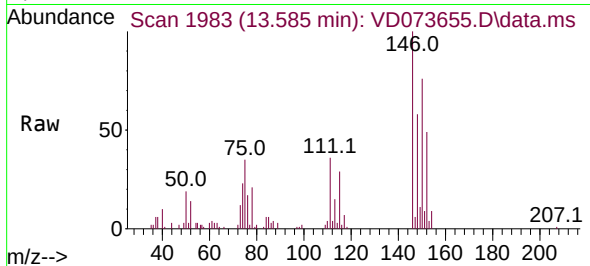




#88
1,4-Dichlorobenzene
Concen: 5.764 ug/l
RT: 13.585 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

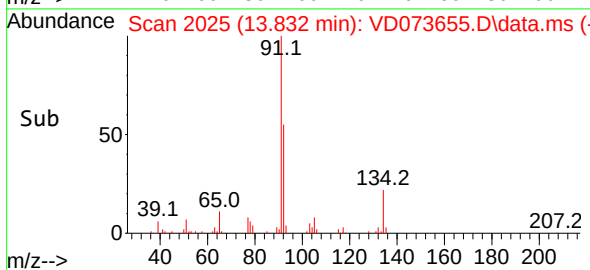
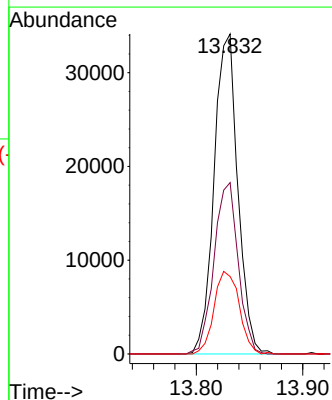
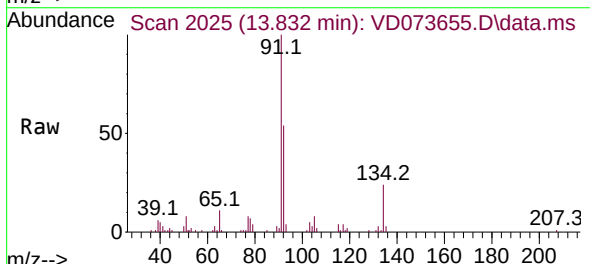
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

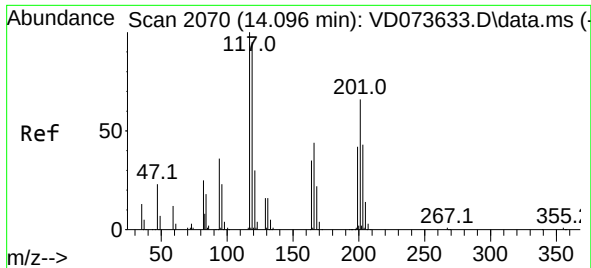
Tgt Ion:146	Resp:	34912
Ion Ratio	Lower	Upper
146	100	
111	46.7	19.8 59.3
148	65.9	31.9 95.9



#89
n-Butylbenzene
Concen: 5.072 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 91	Resp:	52708
Ion Ratio	Lower	Upper
91	100	
92	54.6	26.8 80.4
134	27.4	13.1 39.3

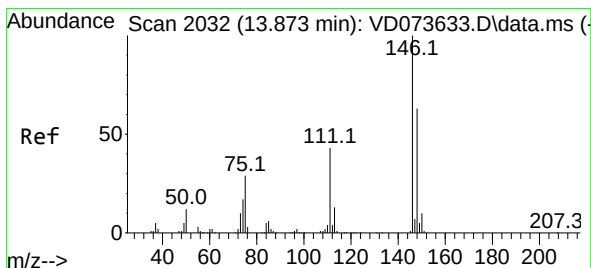
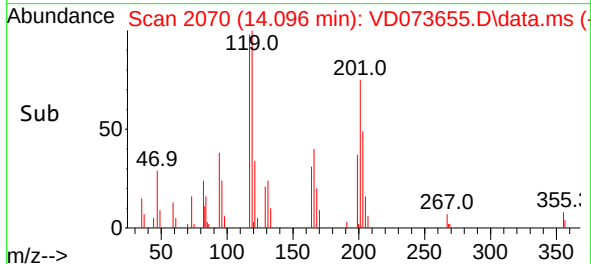
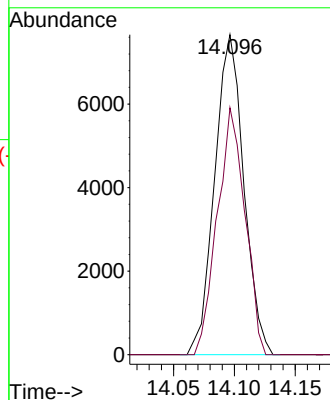
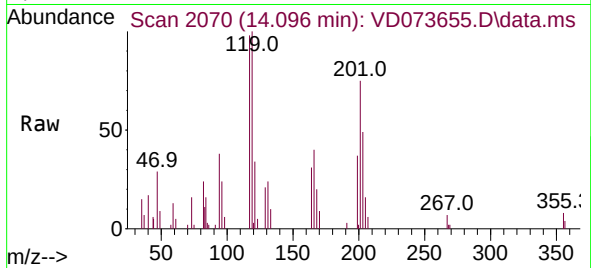




#90
Hexachloroethane
Concen: 5.411 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

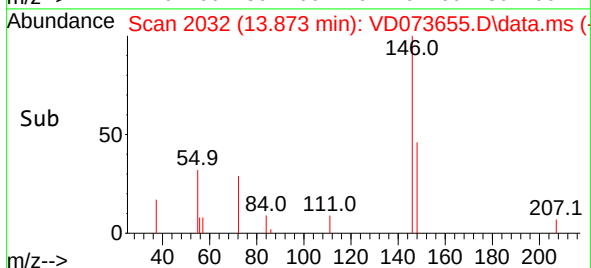
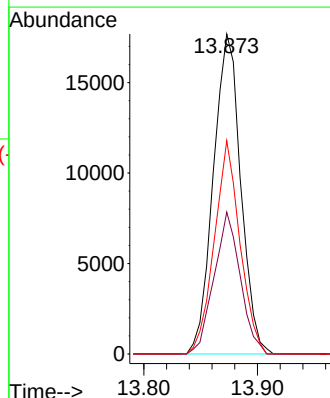
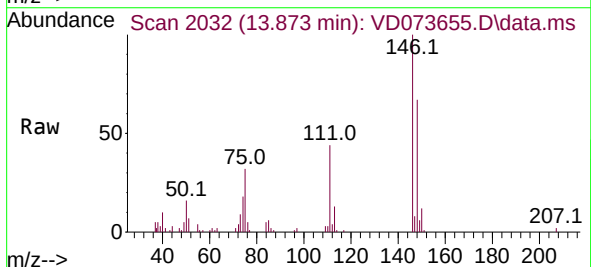
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

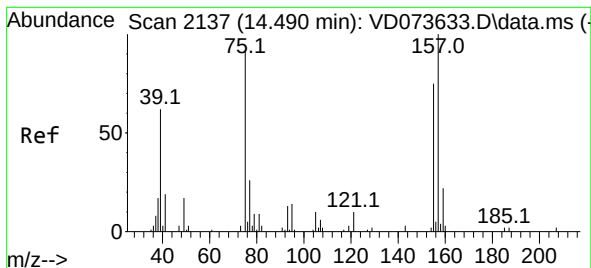
Tgt Ion:117 Resp: 12774
Ion Ratio Lower Upper
117 100
201 73.3 34.5 103.6



#91
1,2-Dichlorobenzene
Concen: 5.619 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:146 Resp: 29625
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.7
148 62.4 31.5 94.5

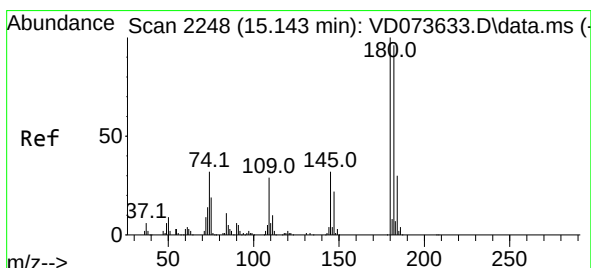
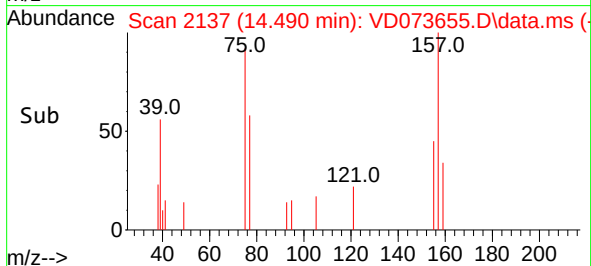
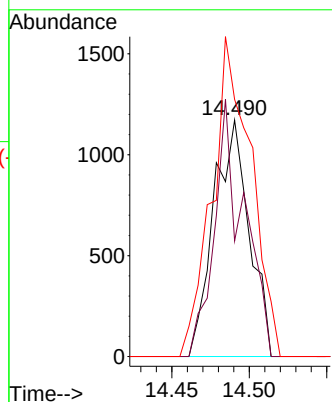
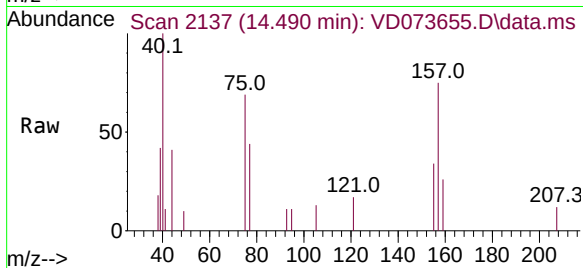




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.229 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

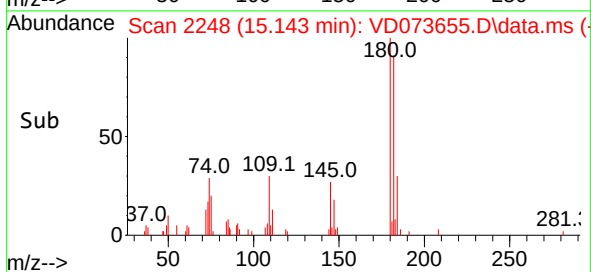
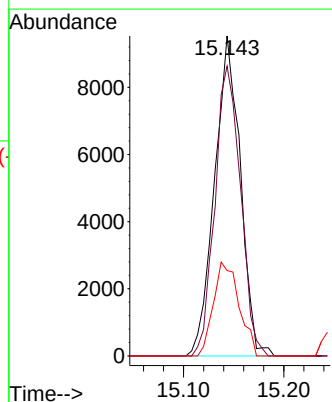
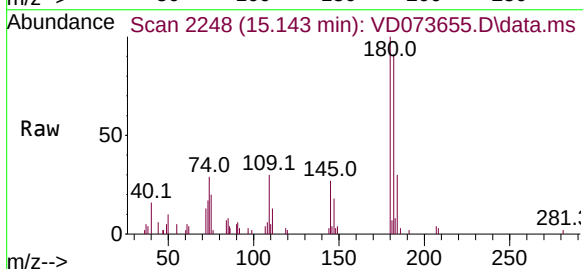
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

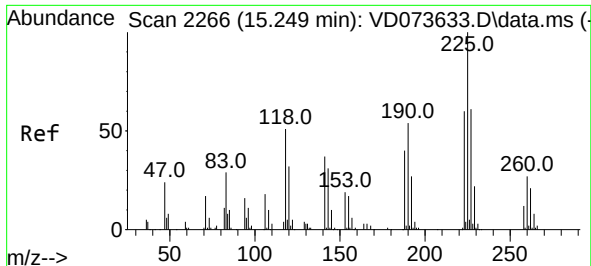
Tgt Ion: 75 Resp: 1869
Ion Ratio Lower Upper
75 100
155 90.4 41.6 124.8
157 147.5 51.7 155.2



#93
1,2,4-Trichlorobenzene
Concen: 5.536 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 180 Resp: 17001
Ion Ratio Lower Upper
180 100
182 90.0 48.0 144.2
145 29.3 16.1 48.3

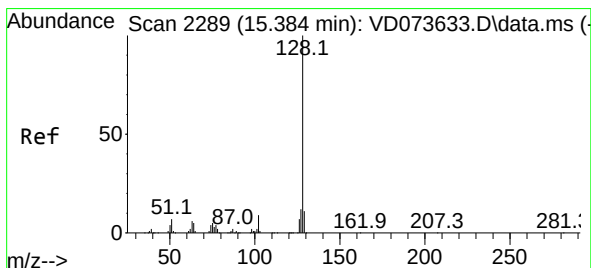
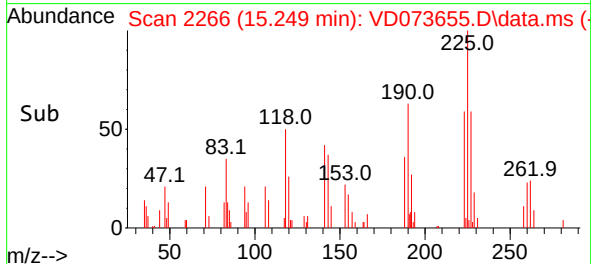
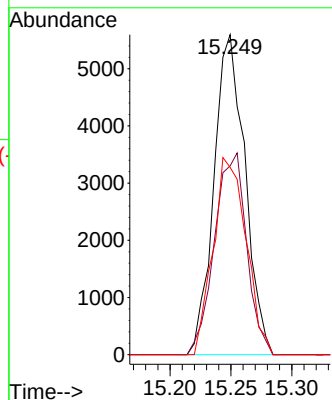
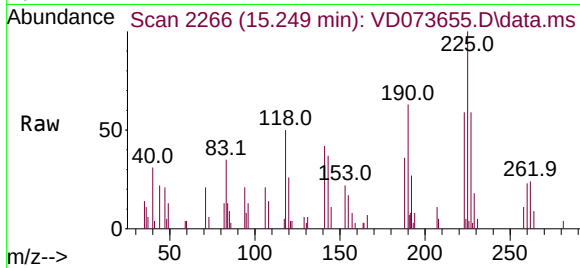




#94
Hexachlorobutadiene
Concen: 5.689 ug/l
RT: 15.249 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

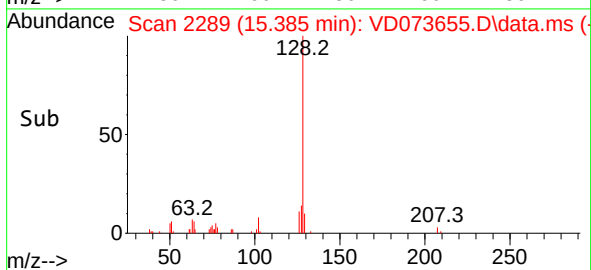
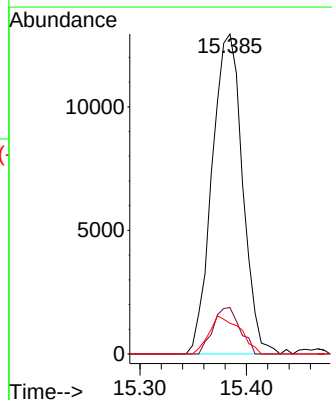
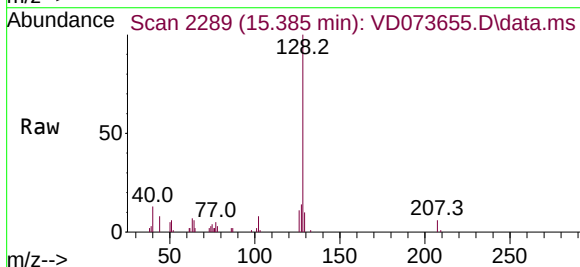
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

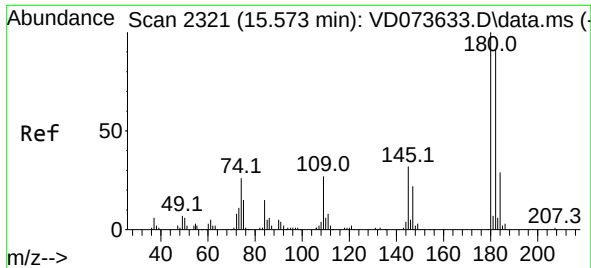
Tgt Ion:225	Resp:	9902
Ion	Ratio	Lower Upper
225	100	
223	65.3	31.0 93.0
227	65.4	31.8 95.4



#95
Naphthalene
Concen: 4.826 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

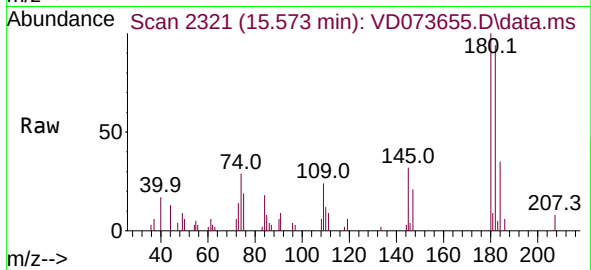
Tgt Ion:128	Resp:	25752
Ion	Ratio	Lower Upper
128	100	
127	12.8	10.3 15.5
129	12.0	9.0 13.6





#96
 1,2,3-Trichlorobenzene
 Concen: 5.339 ug/l
 RT: 15.573 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

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



Tgt Ion:	180	Resp:	14264
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.1	138.3
145	32.0	16.8	50.3

