

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073688.D
 Acq On : 24 Jun 2022 15:28
 Operator : VA/SY
 Sample : N3214-02 5.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 25 08:52:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 08:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	237329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	396276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	377891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	148367	50.899	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.800%			
35) Dibromofluoromethane	7.908	113	157632	51.063	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.120%			
50) Toluene-d8	10.332	98	541392	48.845	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.680%			
62) 4-Bromofluorobenzene	12.620	95	216325	52.037	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	14400	6.007	ug/l	93
3) Chloromethane	2.209	50	12179	5.621	ug/l	96
4) Vinyl Chloride	2.344	62	11651	5.450	ug/l #	87
5) Bromomethane	2.756	94	8708	5.293	ug/l #	78
6) Chloroethane	2.915	64	8651	6.008	ug/l	94
7) Trichlorofluoromethane	3.268	101	28353	5.670	ug/l	94
8) Diethyl Ether	3.715	74	7783	6.070	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	17391	6.064	ug/l	97
10) Methyl Iodide	4.291	142	11925	4.368	ug/l #	96
11) Tert butyl alcohol	5.185	59	32655	50.383	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	13202	5.413	ug/l	98
13) Acrolein	3.926	56	1063	21.581	ug/l	99
14) Allyl chloride	4.703	41	20388	5.670	ug/l	98
15) Acrylonitrile	5.420	53	17469	28.463	ug/l	99
16) Acetone	4.156	43	16242	31.546	ug/l #	85
17) Carbon Disulfide	4.403	76	32680	5.311	ug/l #	94
18) Methyl Acetate	4.709	43	7039	4.433	ug/l #	46
19) Methyl tert-butyl Ether	5.473	73	33369	5.254	ug/l	99
20) Methylene Chloride	4.950	84	30292	8.090	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	16110	5.552	ug/l	95
22) Diisopropyl ether	6.362	45	43654	5.408	ug/l	98
23) Vinyl Acetate	6.297	43	90497	21.383	ug/l	98
24) 1,1-Dichloroethane	6.256	63	31636	5.884	ug/l	97
25) 2-Butanone	7.209	43	23428	31.893	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	29535	5.832	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	19998	5.861	ug/l	93
28) Bromochloromethane	7.532	49	12862	6.778	ug/l	94
29) Tetrahydrofuran	7.561	42	12533	28.065	ug/l	94
30) Chloroform	7.703	83	34468	5.696	ug/l	93
31) Cyclohexane	7.973	56	26578	6.078	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	28908	5.318	ug/l	98
36) 1,1-Dichloropropene	8.108	75	22702	5.239	ug/l	98
37) Ethyl Acetate	7.291	43	10225	6.012	ug/l #	96
38) Carbon Tetrachloride	8.085	117	26370	5.226	ug/l	92
39) Methylcyclohexane	9.344	83	24369	5.065	ug/l	91
40) Benzene	8.344	78	68941	5.496	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	6150	5.990	ug/l	92
42) 1,2-Dichloroethane	8.420	62	19647	5.198	ug/l	97
43) Isopropyl Acetate	8.444	43	18275	5.476	ug/l	98
44) Trichloroethene	9.108	130	19989	5.548	ug/l	82
45) 1,2-Dichloropropane	9.379	63	18352	5.835	ug/l	97
46) Dibromomethane	9.467	93	9328	5.109	ug/l	98
47) Bromodichloromethane	9.655	83	24193	5.056	ug/l	97
48) Methyl methacrylate	9.444	41	8811	5.202	ug/l	94
49) 1,4-Dioxane	9.450	88	1929	94.628	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	47117	27.473	ug/l	97
52) Toluene	10.397	92	45323	5.514	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	22463	5.160	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	26440	5.335	ug/l	92
55) 1,1,2-Trichloroethane	10.785	97	15384	5.978	ug/l	92
56) Ethyl methacrylate	10.655	69	14469	4.988	ug/l	98
57) 1,3-Dichloropropane	10.938	76	23302	5.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	30845	27.402	ug/l	98
59) 2-Hexanone	10.979	43	32540	28.104	ug/l	91
60) Dibromochloromethane	11.132	129	18383	5.420	ug/l	96
61) 1,2-Dibromoethane	11.232	107	12807	5.257	ug/l	94
64) Tetrachloroethene	10.873	164	19377	6.476	ug/l	92
65) Chlorobenzene	11.661	112	51494	5.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	19516	5.252	ug/l	97
67) Ethyl Benzene	11.732	91	83211	5.155	ug/l	98
68) m/p-Xylenes	11.844	106	65304	10.470	ug/l	99
69) o-Xylene	12.167	106	29210	5.049	ug/l	99
70) Styrene	12.185	104	48298	4.771	ug/l	98
71) Bromoform	12.349	173	10746	5.312	ug/l #	93
73) Isopropylbenzene	12.467	105	77309	4.827	ug/l	99
74) N-amyl acetate	12.273	43	17051	5.202	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	17019	5.632	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	20251	10.609	ug/l #	1
77) Bromobenzene	12.749	156	20425	5.303	ug/l	97
78) n-propylbenzene	12.808	91	103408	5.282	ug/l	96
79) 2-Chlorotoluene	12.891	91	61405	5.385	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	68375	4.979	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	5311	5.680	ug/l	83
82) 4-Chlorotoluene	12.991	91	61576	5.079	ug/l	98
83) tert-Butylbenzene	13.208	119	58279	4.828	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	68627	5.088	ug/l	100
85) sec-Butylbenzene	13.391	105	90789	5.114	ug/l	97
86) p-Isopropyltoluene	13.502	119	71691	4.851	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	42285	5.272	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	43314	5.456	ug/l	94
89) n-Butylbenzene	13.826	91	68226	4.930	ug/l	99
90) Hexachloroethane	14.096	117	16110	5.288	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	37486	5.432	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2668	5.289	ug/l	97
93) 1,2,4-Trichlorobenzene	15.137	180	22876	5.550	ug/l	96
94) Hexachlorobutadiene	15.249	225	12652	5.414	ug/l	95
95) Naphthalene	15.379	128	36973	5.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	19105	5.306	ug/l	94

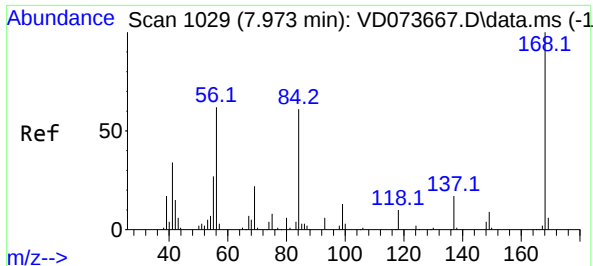
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073688.D
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Quant Title : SW846 8260
QLast Update : Sat Jun 25 08:51:58 2022
Response via : Initial Calibration

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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

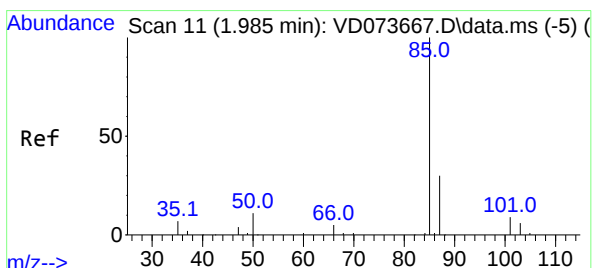
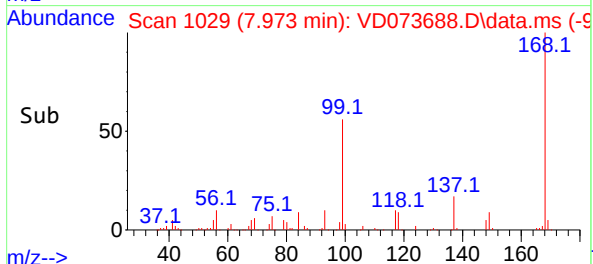
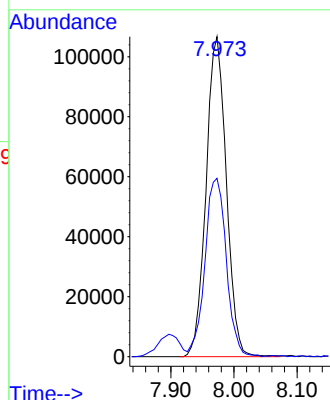
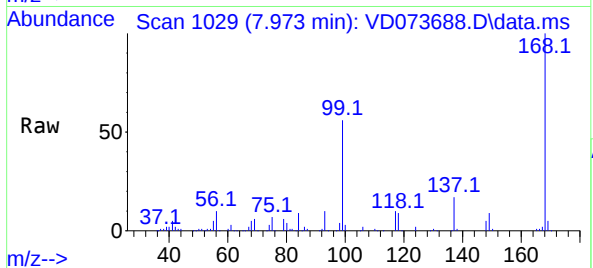
LOQ-SOIL-02-QT2-2022

Tgt Ion:168 Resp: 237329

Ion Ratio Lower Upper

168 100

99 55.4 46.4 69.6



Dichlorodifluoromethane

Concen: 6.007 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD073688.D

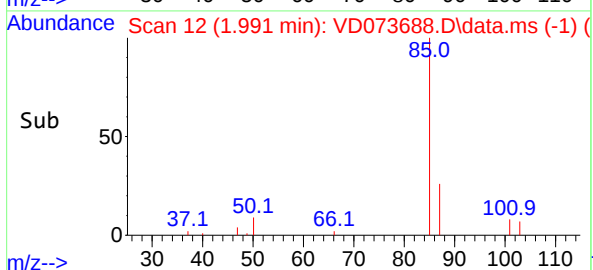
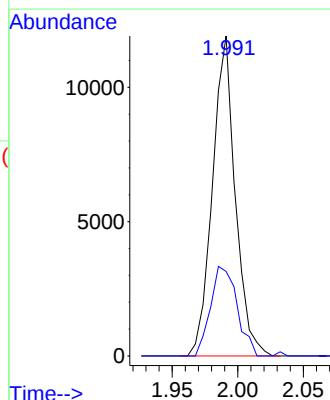
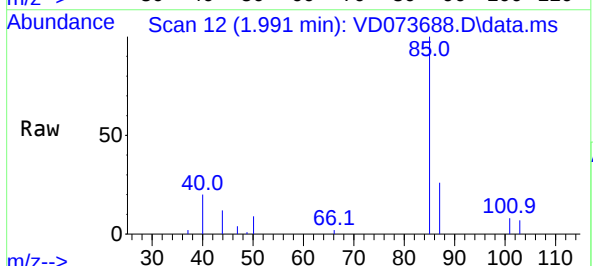
Acq: 24 Jun 2022 15:28

Tgt Ion: 85 Resp: 14400

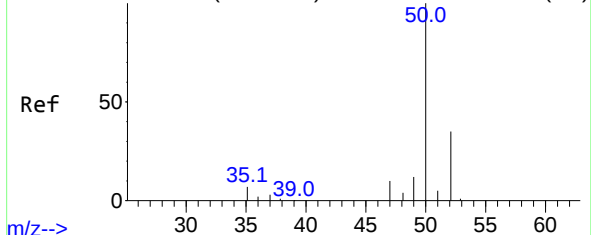
Ion Ratio Lower Upper

85 100

87 26.4 15.2 45.5



Abundance Scan 49 (2.209 min): VD073667.D\data.ms (-43)



#3

Chloromethane

Concen: 5.621 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

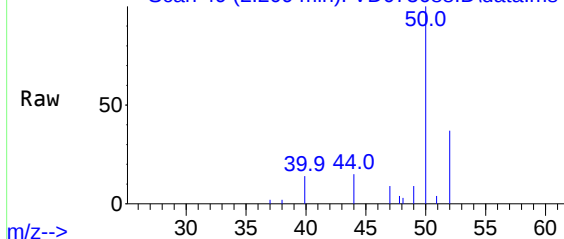
Tgt Ion: 50 Resp: 12179

Ion Ratio Lower Upper

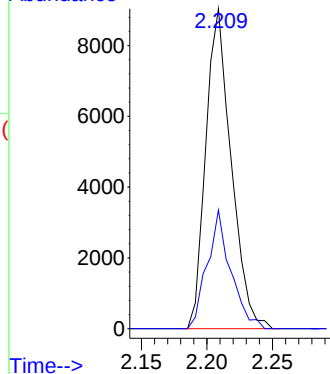
50 100

52 37.1 27.8 41.6

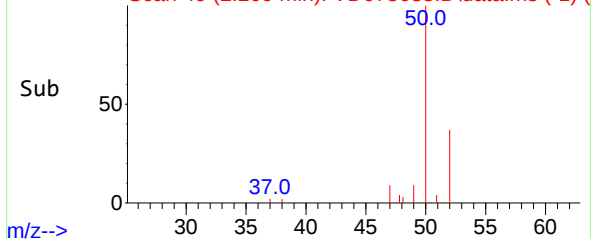
Abundance Scan 49 (2.209 min): VD073688.D\data.ms



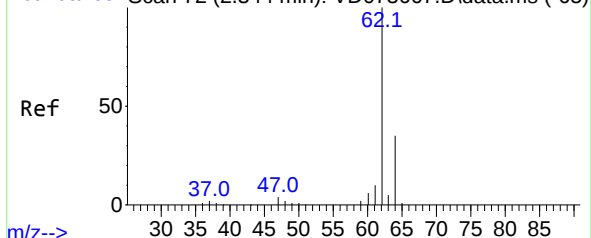
Abundance



Abundance Scan 49 (2.209 min): VD073688.D\data.ms (-1)



Abundance Scan 72 (2.344 min): VD073667.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 5.450 ug/l

RT: 2.344 min Scan# 72

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

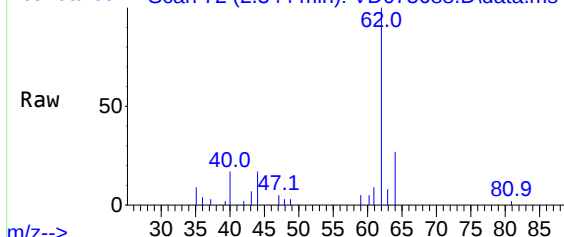
Tgt Ion: 62 Resp: 11651

Ion Ratio Lower Upper

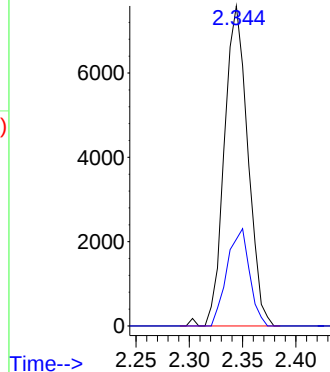
62 100

64 27.1 27.8 41.6#

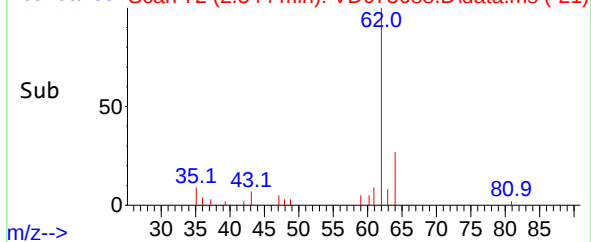
Abundance Scan 72 (2.344 min): VD073688.D\data.ms

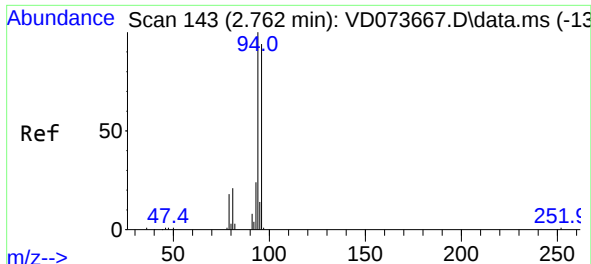


Abundance



Abundance Scan 72 (2.344 min): VD073688.D\data.ms (-21)

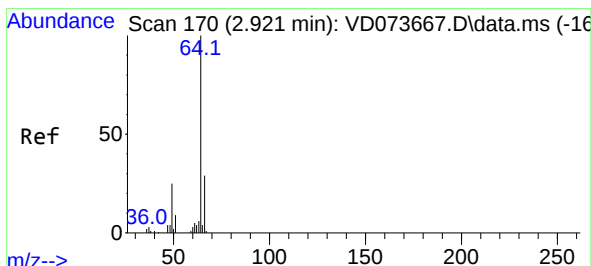
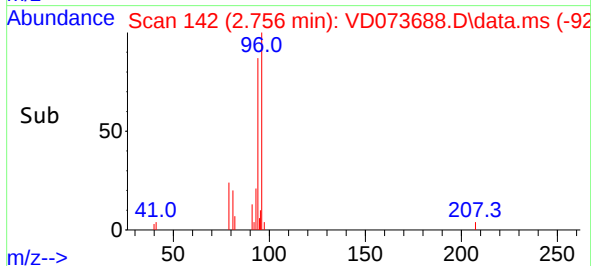
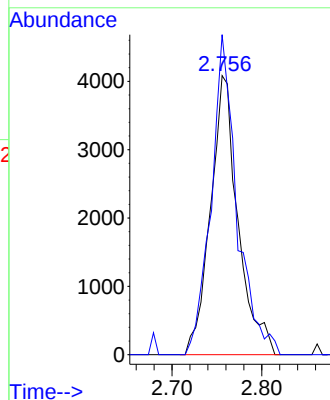
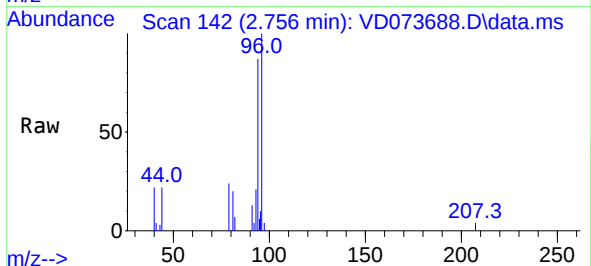




#5
Bromomethane
Concen: 5.293 ug/l
RT: 2.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

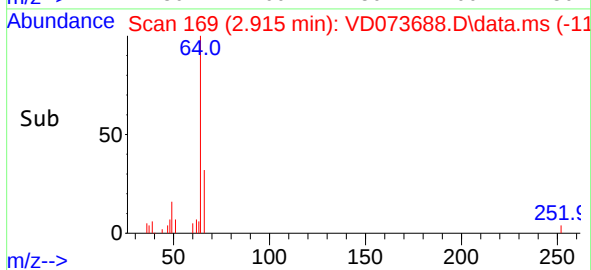
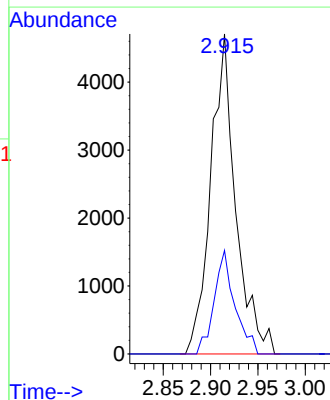
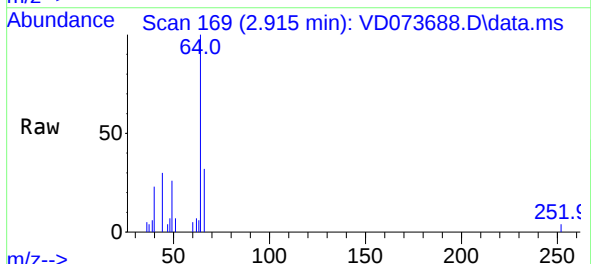
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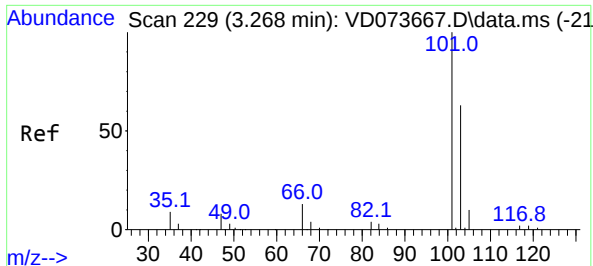
Tgt Ion: 94 Resp: 8708
Ion Ratio Lower Upper
94 100
96 114.7 75.1 112.7#



#6
Chloroethane
Concen: 6.008 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 64 Resp: 8651
Ion Ratio Lower Upper
64 100
66 32.3 23.3 34.9

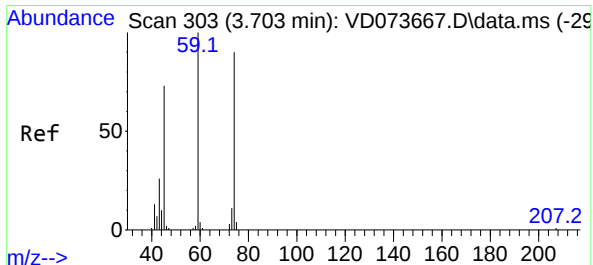
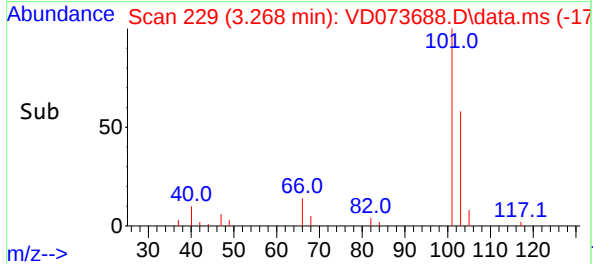
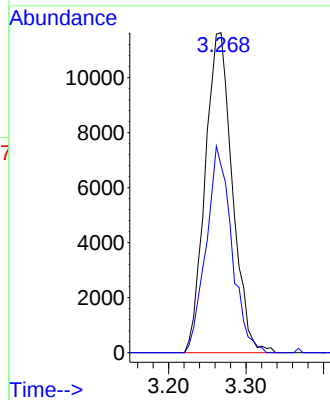
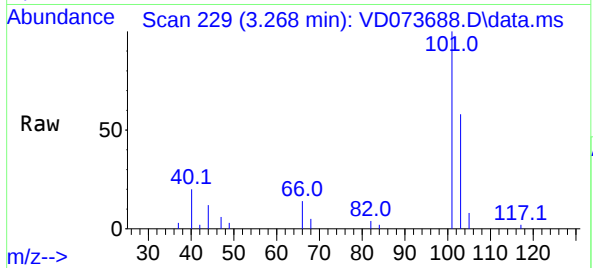




#7
Trichlorofluoromethane
Concen: 5.670 ug/l
RT: 3.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

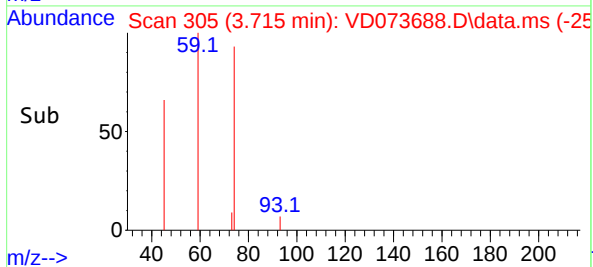
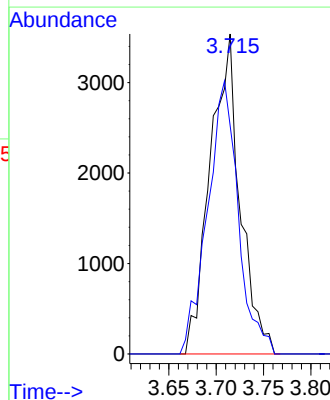
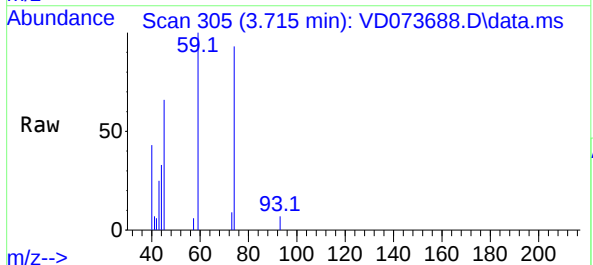
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

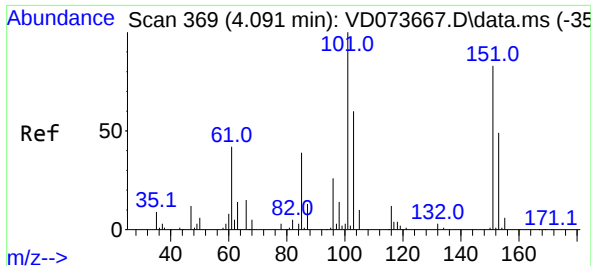
Tgt Ion:101 Resp: 28353
Ion Ratio Lower Upper
101 100
103 58.5 50.4 75.6



#8
Diethyl Ether
Concen: 6.070 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.012 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 74 Resp: 7783
Ion Ratio Lower Upper
74 100
45 87.3 45.0 134.8

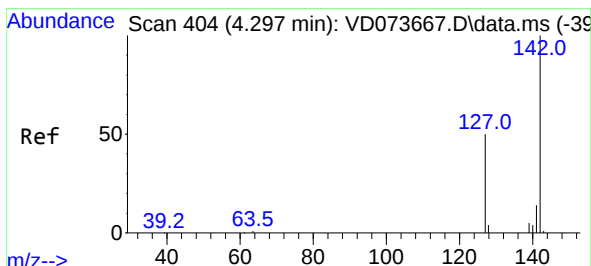
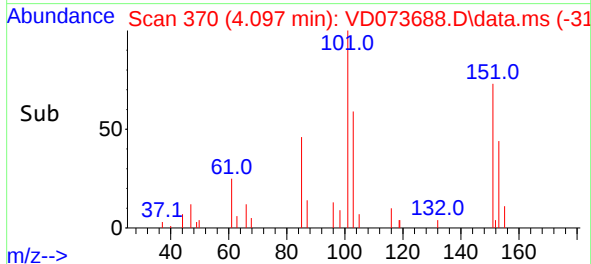
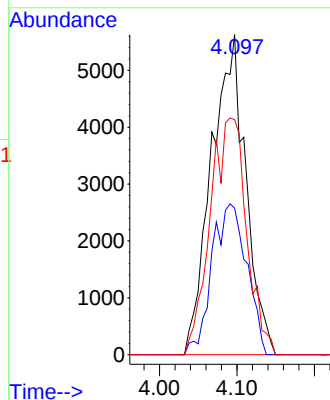
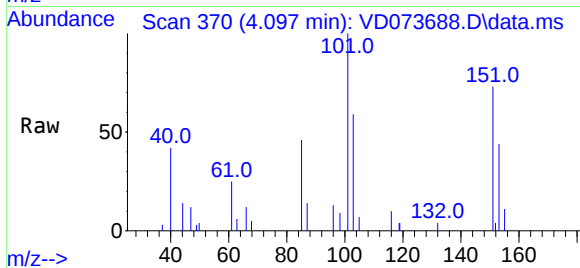




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.064 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

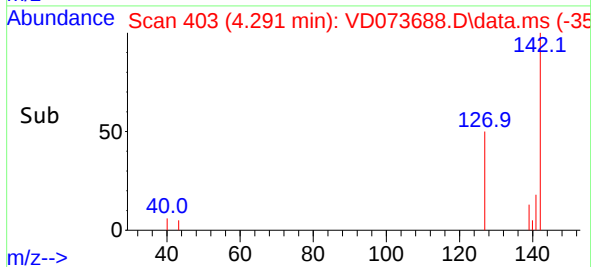
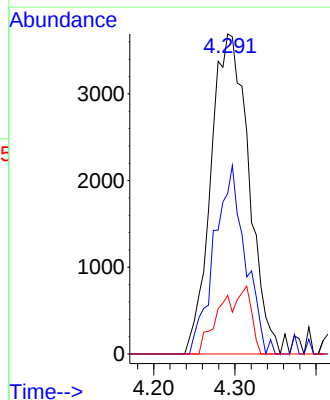
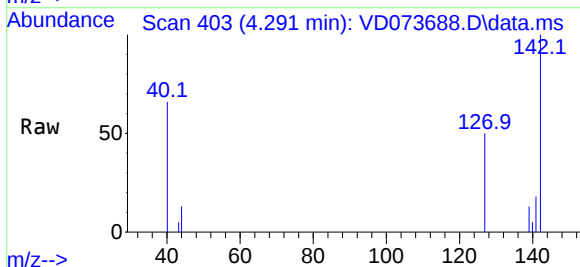
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

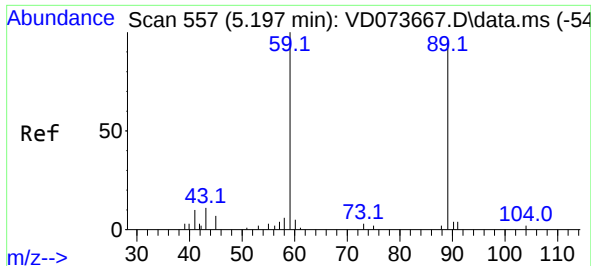
Tgt Ion:101	Resp:	17391
Ion	Ratio	Lower Upper
101	100	
85	47.7	34.8 52.2
151	78.2	63.4 95.0



#10
Methyl Iodide
Concen: 4.368 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:142	Resp:	11925
Ion	Ratio	Lower Upper
142	100	
127	48.3	39.4 59.2
141	9.1	11.9 17.9

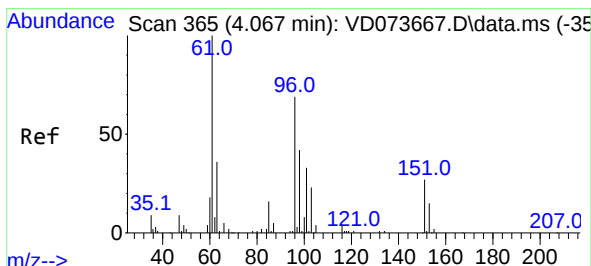
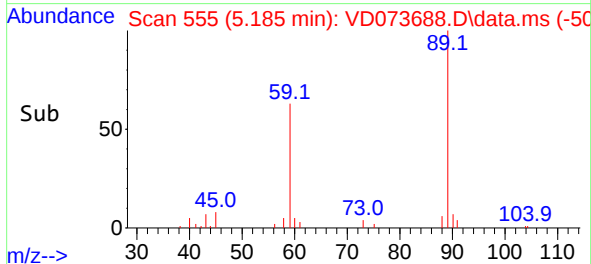
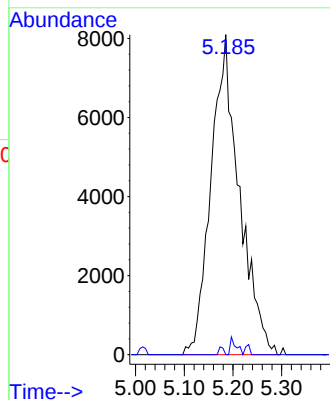
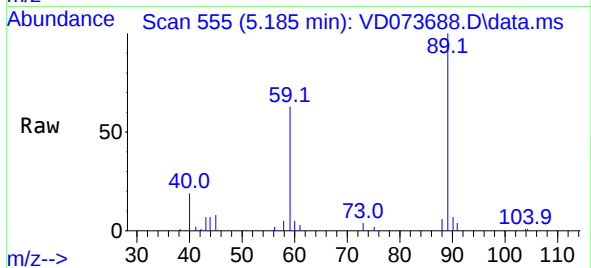




#11
Tert butyl alcohol
Concen: 50.383 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

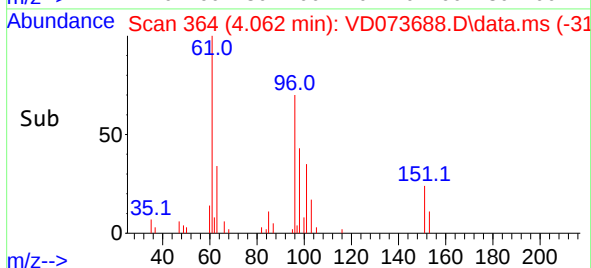
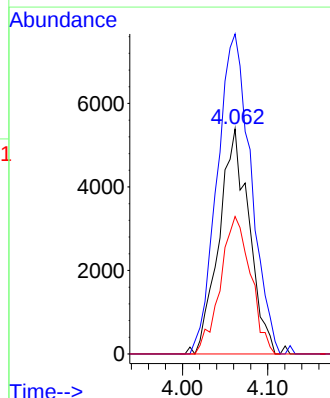
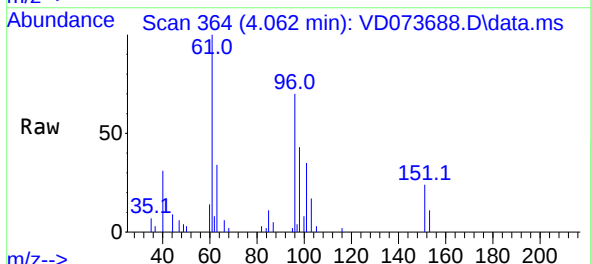
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

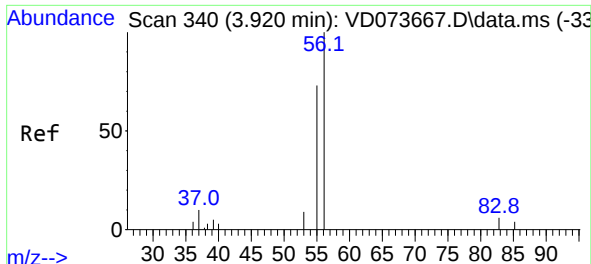
Tgt Ion: 59 Resp: 32655
Ion Ratio Lower Upper
59 100
57 0.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 5.413 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 96 Resp: 13202
Ion Ratio Lower Upper
96 100
61 142.2 116.3 174.5
98 61.1 48.7 73.1





#13

Acrolein

Concen: 21.581 ug/l

RT: 3.926 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

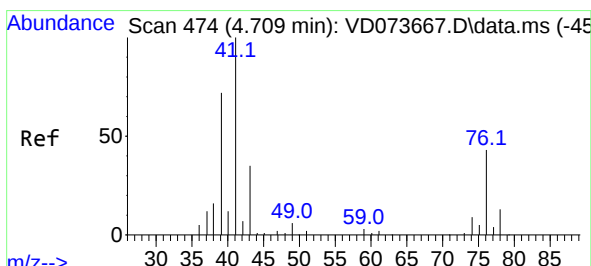
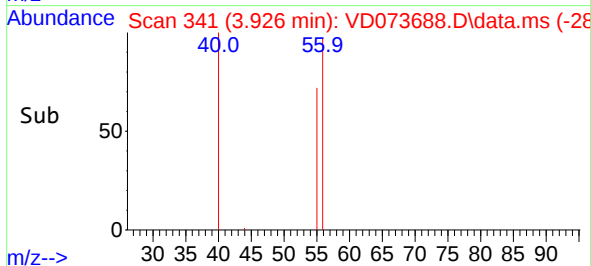
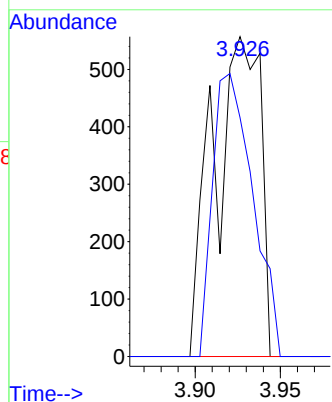
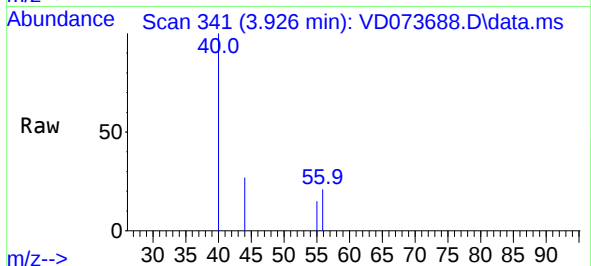
LOQ-SOIL-02-QT2-2022

Tgt Ion: 56 Resp: 1063

Ion Ratio Lower Upper

56 100

55 76.0 60.3 90.5



#14

Allyl chloride

Concen: 5.670 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

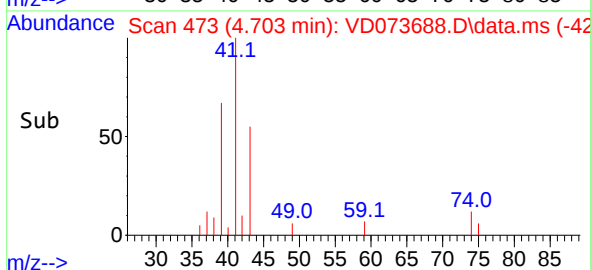
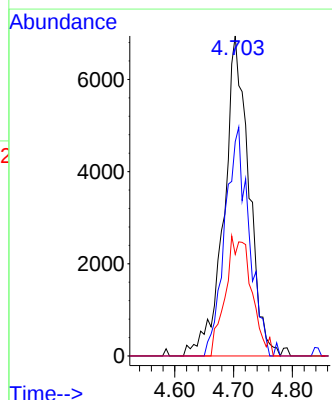
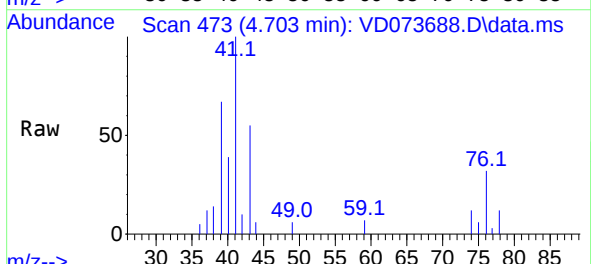
Tgt Ion: 41 Resp: 20388

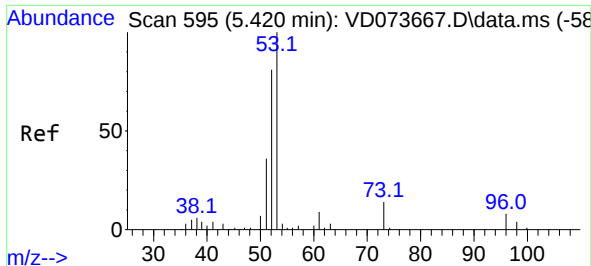
Ion Ratio Lower Upper

41 100

39 69.6 56.6 85.0

76 39.5 32.7 49.1

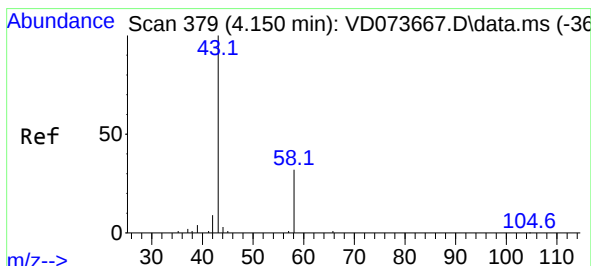
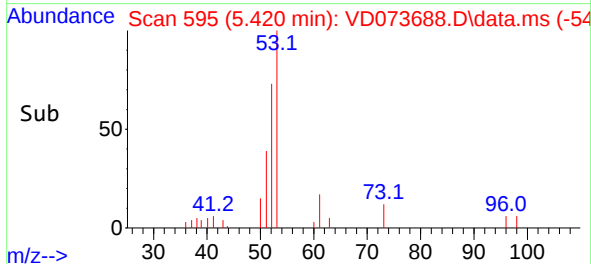
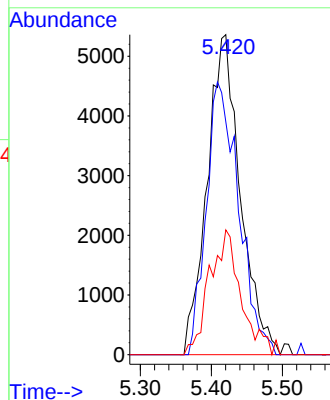
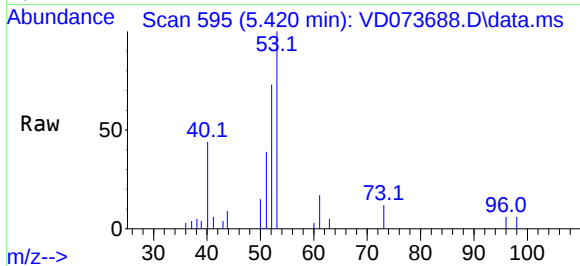




#15
Acrylonitrile
Concen: 28.463 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

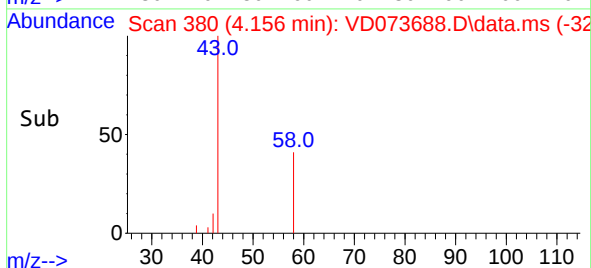
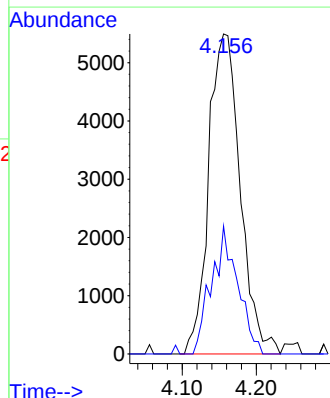
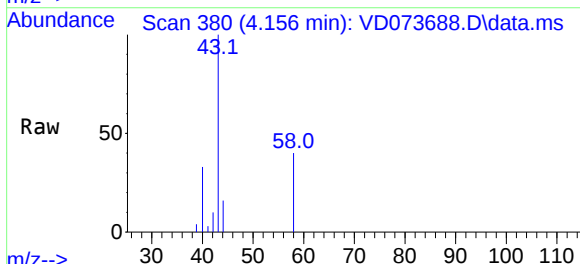
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

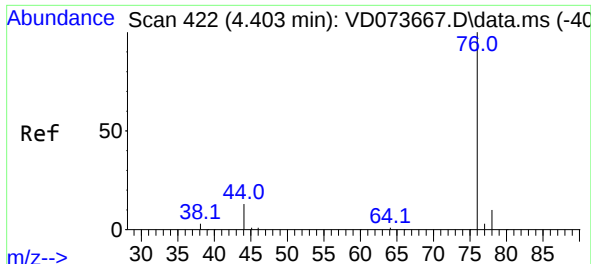
Tgt Ion:	53	Resp:	17469
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	36.9	30.2	45.2



#16
Acetone
Concen: 31.546 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	43	Resp:	16242
Ion	Ratio	Lower	Upper
43	100		
58	39.9	25.2	37.8#

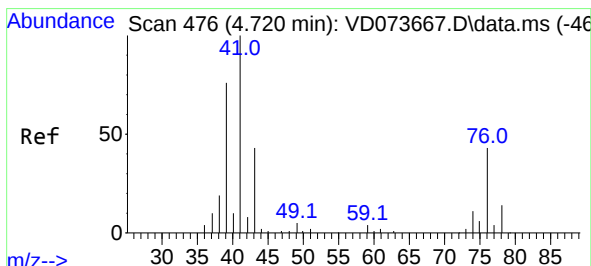
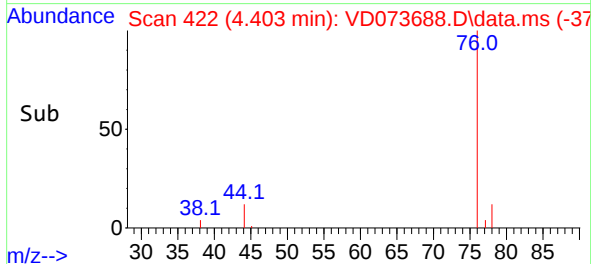
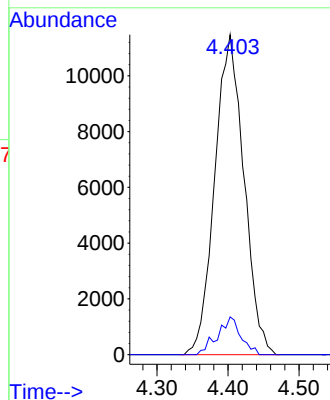
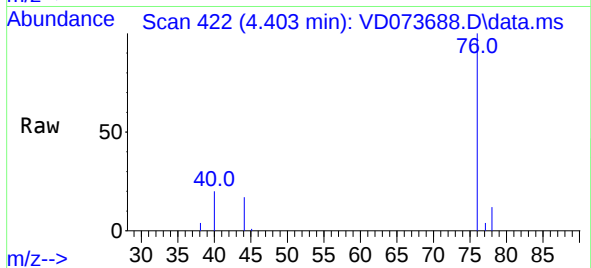




#17
Carbon Disulfide
Concen: 5.311 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

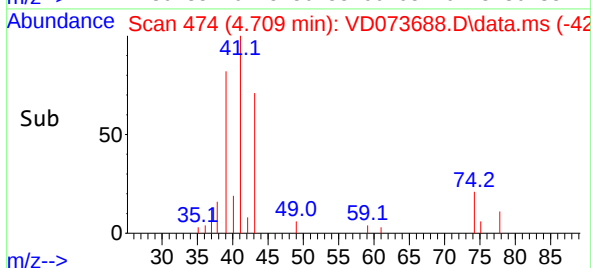
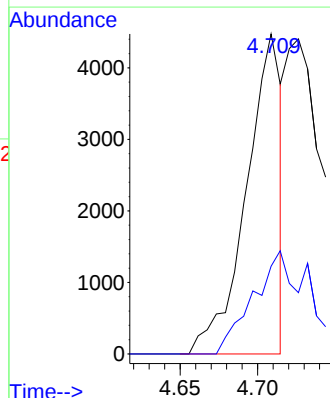
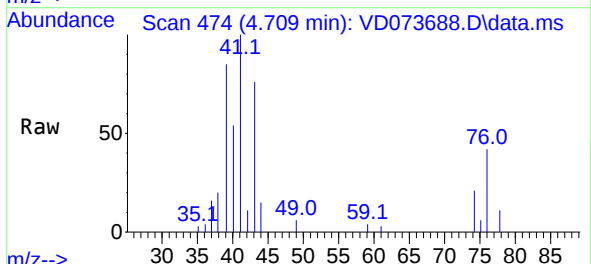
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

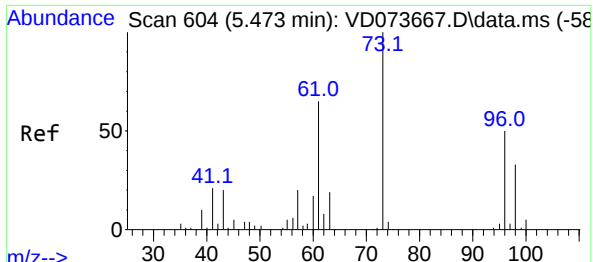
Tgt Ion: 76 Resp: 32680
Ion Ratio Lower Upper
76 100
78 11.8 7.7 11.5#



#18
Methyl Acetate
Concen: 4.433 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 43 Resp: 7039
Ion Ratio Lower Upper
43 100
74 52.3 20.2 30.4#





#19

Methyl tert-butyl Ether

Concen: 5.254 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

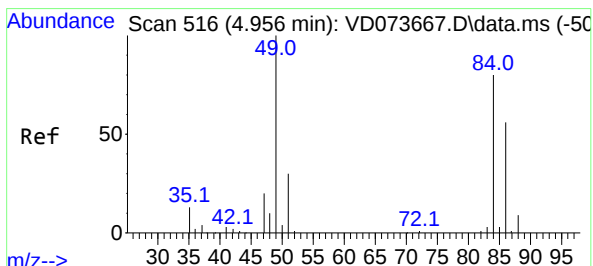
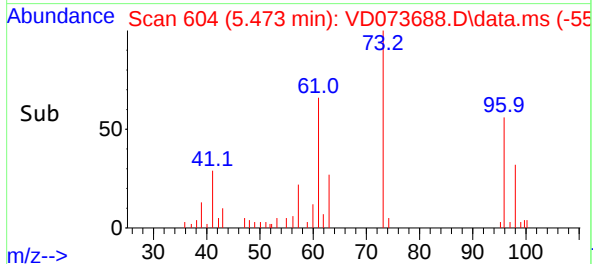
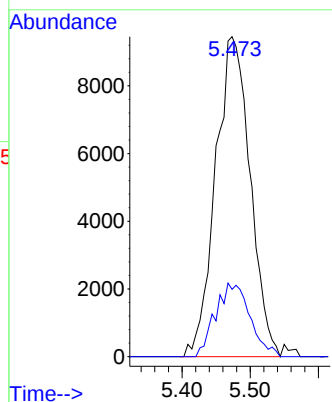
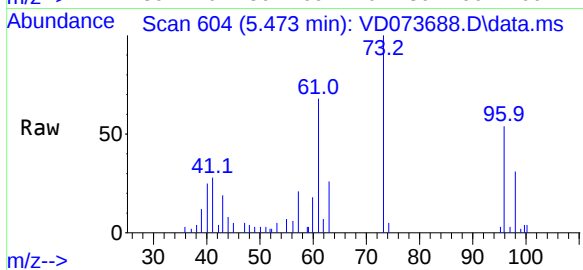
LOQ-SOIL-02-QT2-2022

Tgt Ion: 73 Resp: 33369

Ion Ratio Lower Upper

73 100

57 21.0 16.3 24.5



#20

Methylene Chloride

Concen: 8.090 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Tgt Ion: 84 Resp: 30292

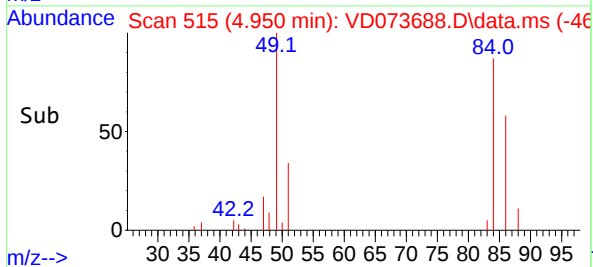
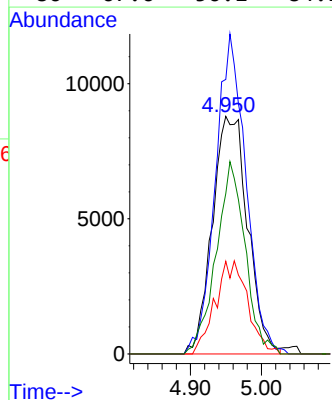
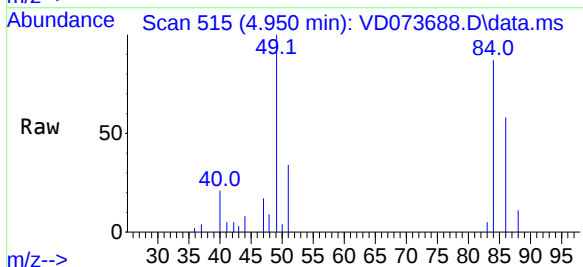
Ion Ratio Lower Upper

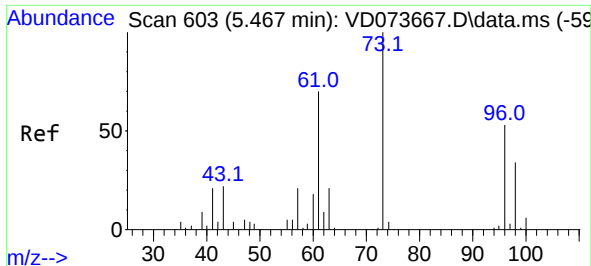
84 100

49 115.6 100.6 150.8

51 39.0 29.8 44.6

86 67.6 56.1 84.1

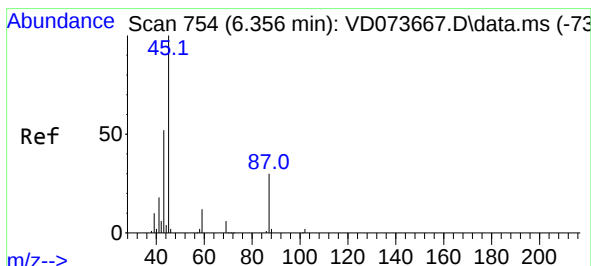
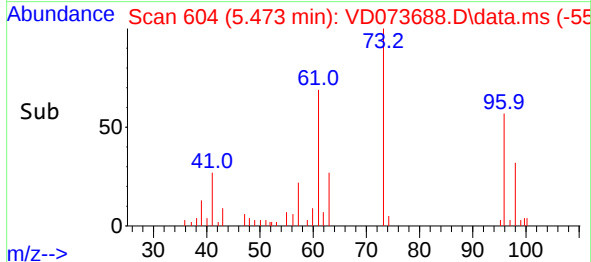
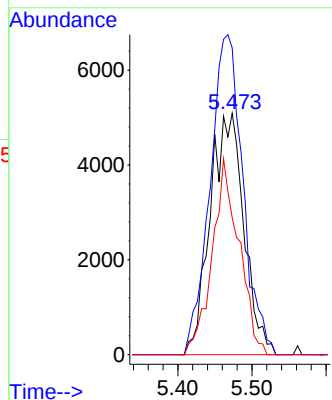
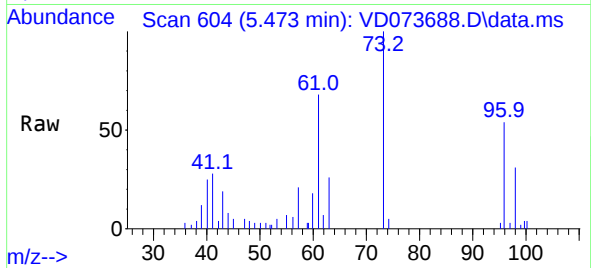




#21
trans-1,2-Dichloroethene
Concen: 5.552 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

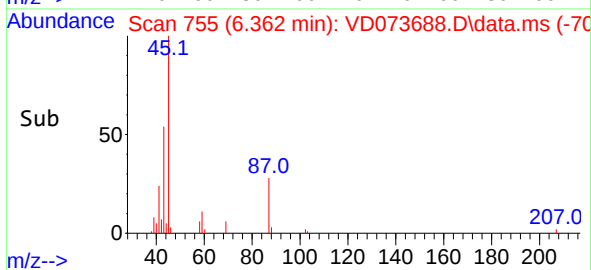
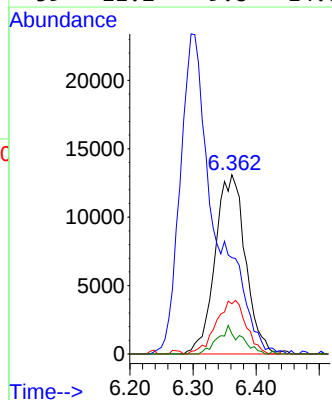
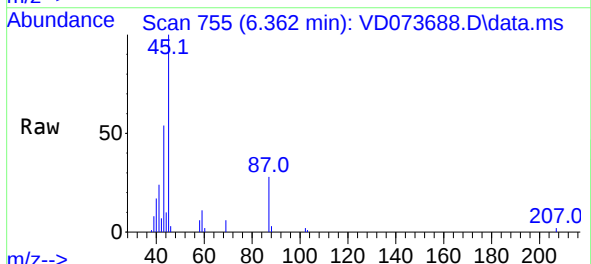
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

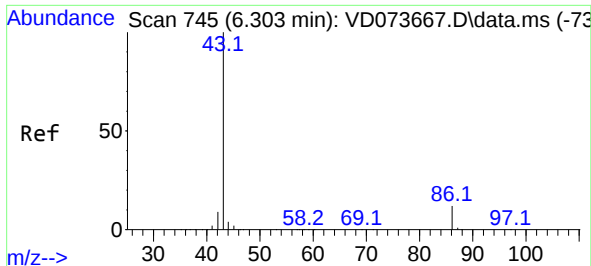
Tgt Ion: 96 Resp: 16110
Ion Ratio Lower Upper
96 100
61 127.1 105.0 157.6
98 56.8 50.6 75.8



#22
Diisopropyl ether
Concen: 5.408 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 45 Resp: 43654
Ion Ratio Lower Upper
45 100
43 51.9 42.1 63.1
87 28.0 24.2 36.4
59 11.2 9.8 14.8

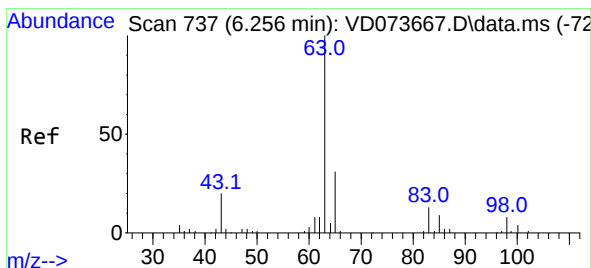
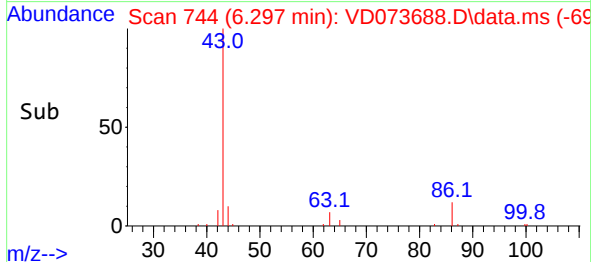
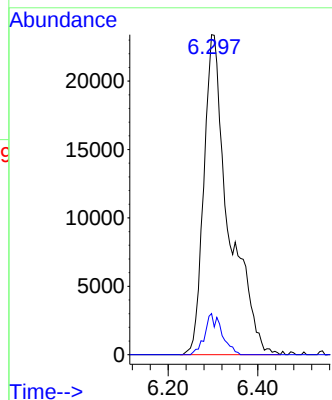
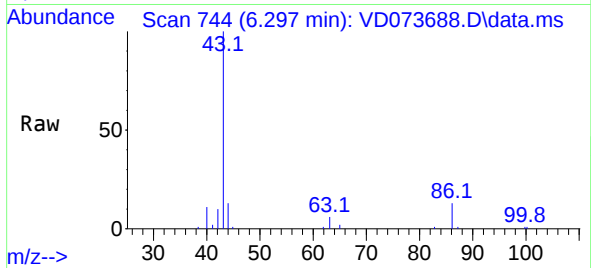




#23
 Vinyl Acetate
 Concen: 21.383 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073688.D
 Acq: 24 Jun 2022 15:28

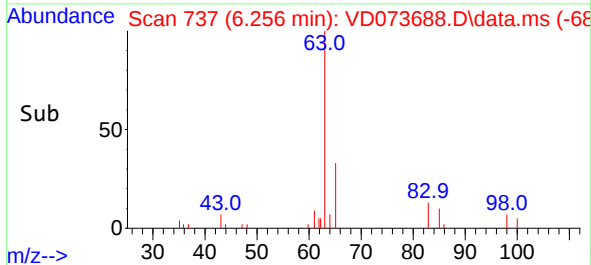
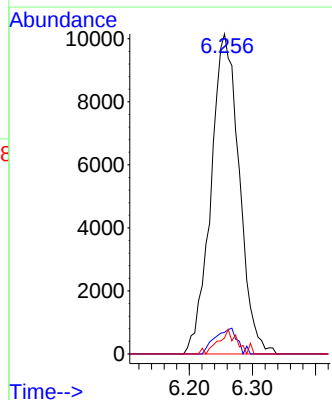
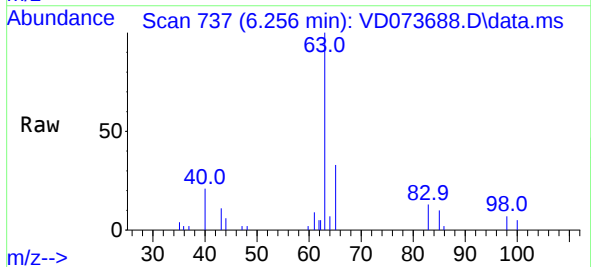
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

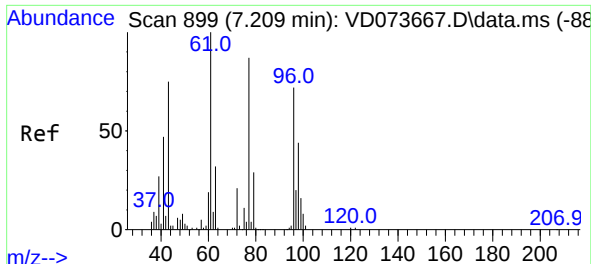
Tgt Ion: 43 Resp: 90497
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 5.884 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073688.D
 Acq: 24 Jun 2022 15:28

Tgt Ion: 63 Resp: 31636
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 5.0 2.1 6.5

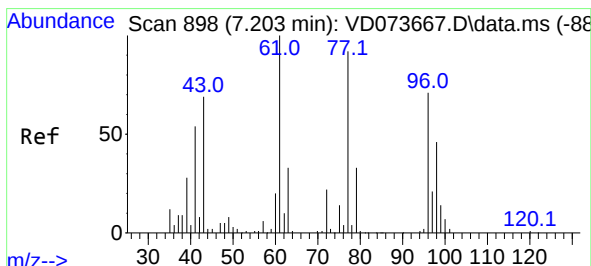
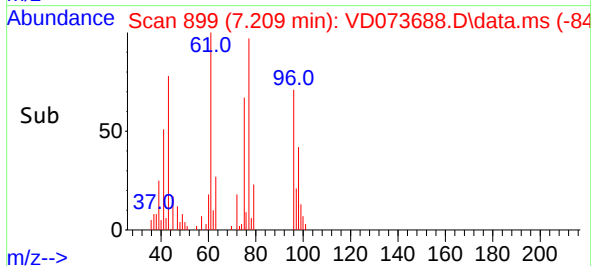
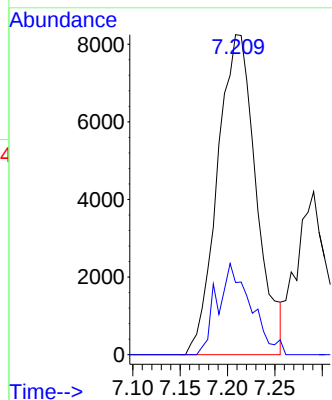
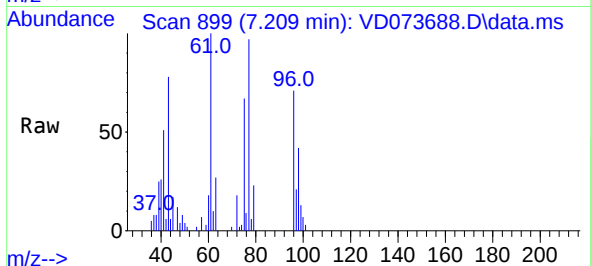




#25
2-Butanone
Concen: 31.893 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

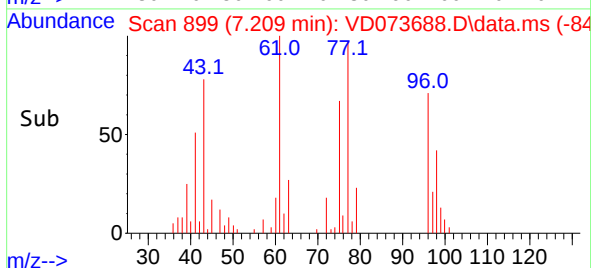
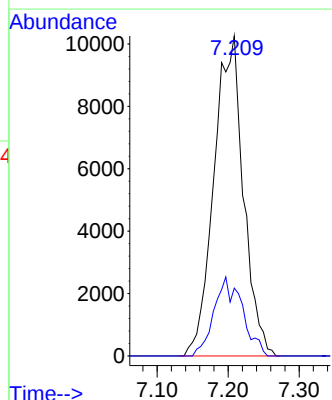
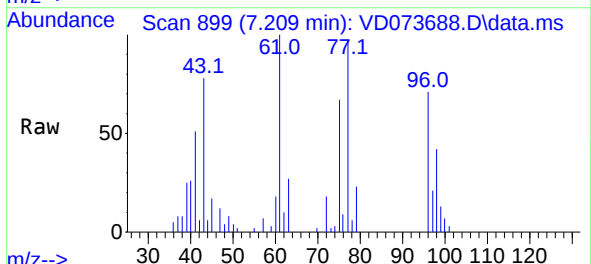
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

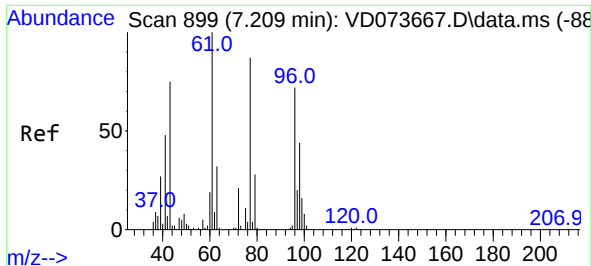
Tgt Ion: 43 Resp: 23428
Ion Ratio Lower Upper
43 100
72 22.5 22.6 33.8#



#26
2,2-Dichloropropane
Concen: 5.832 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 77 Resp: 29535
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6

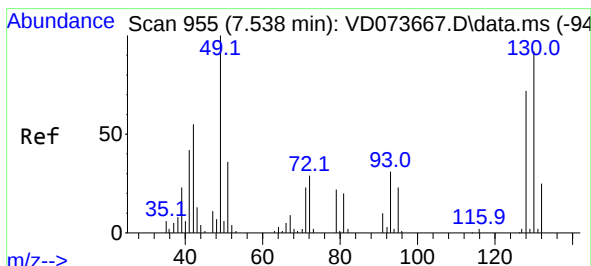
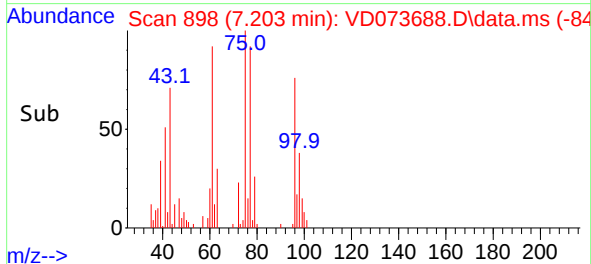
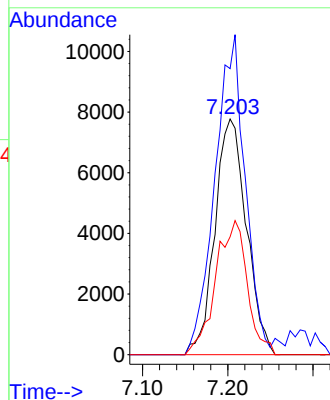
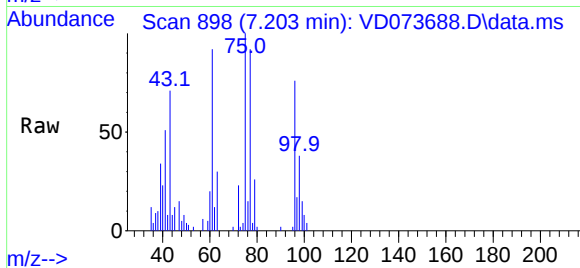




#27
cis-1,2-Dichloroethene
Concen: 5.861 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

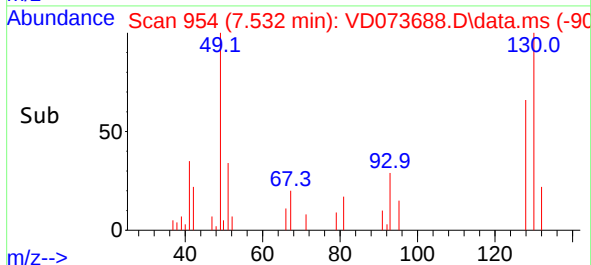
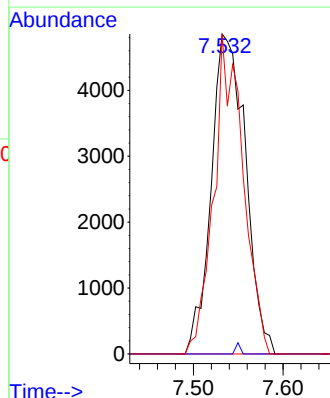
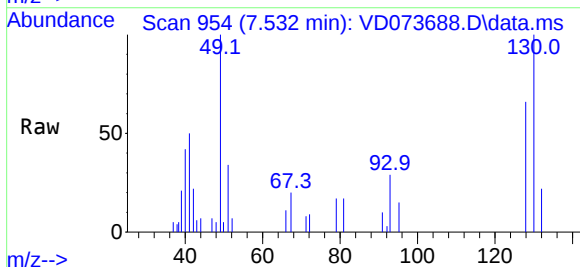
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

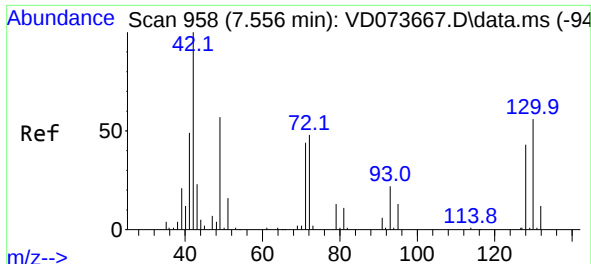
Tgt Ion:	96	Resp:	19998
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	276.0
98	57.1	0.0	128.0



#28
Bromochloromethane
Concen: 6.778 ug/l
RT: 7.532 min Scan# 954
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	49	Resp:	12862
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	5.0
130	85.5	73.2	109.8





#29

Tetrahydrofuran

Concen: 28.065 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

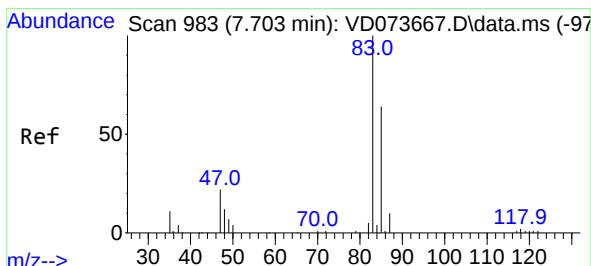
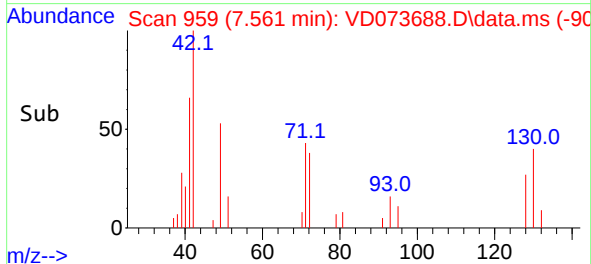
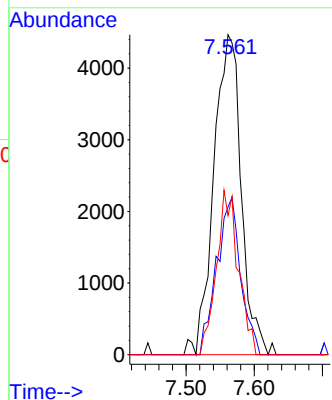
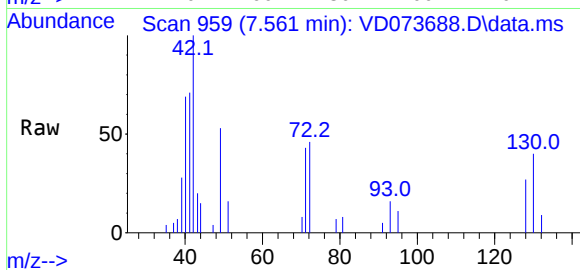
Tgt Ion: 42 Resp: 12533

Ion Ratio Lower Upper

42 100

72 43.0 37.8 56.6

71 40.9 35.5 53.3



#30

Chloroform

Concen: 5.696 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073688.D

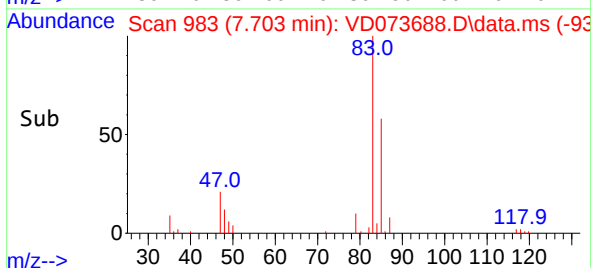
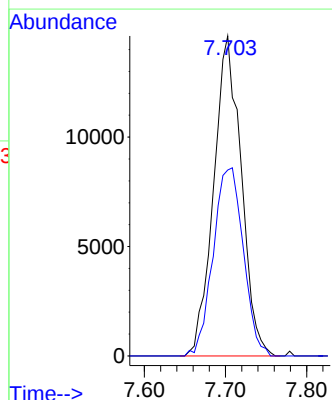
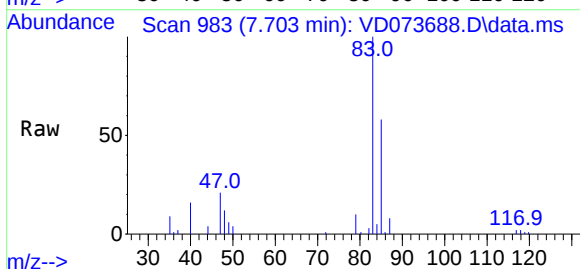
Acq: 24 Jun 2022 15:28

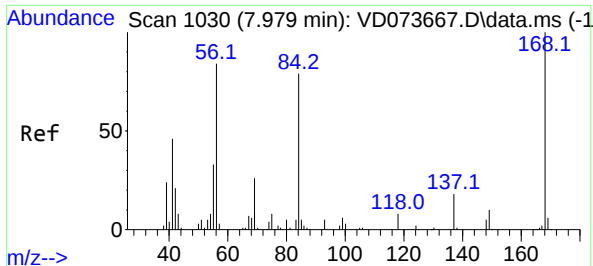
Tgt Ion: 83 Resp: 34468

Ion Ratio Lower Upper

83 100

85 58.1 51.1 76.7





#31

Cyclohexane

Concen: 6.078 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

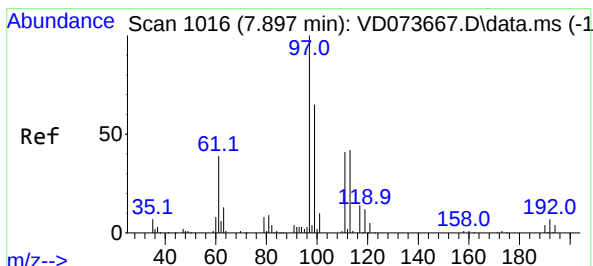
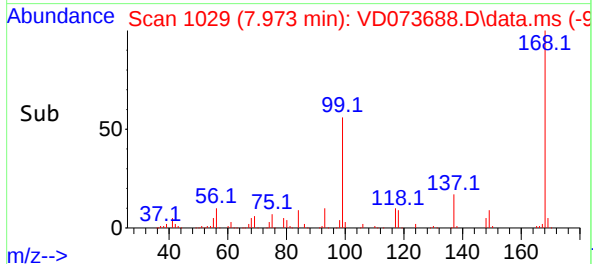
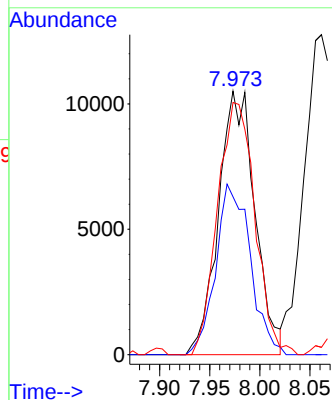
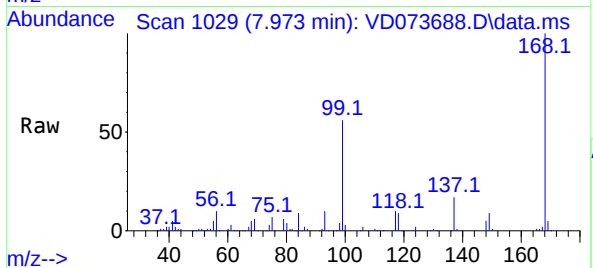
Tgt Ion: 56 Resp: 26578

Ion Ratio Lower Upper

56 100

69 59.9 25.2 37.8#

84 95.7 75.4 113.2



#32

1,1,1-Trichloroethane

Concen: 5.318 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

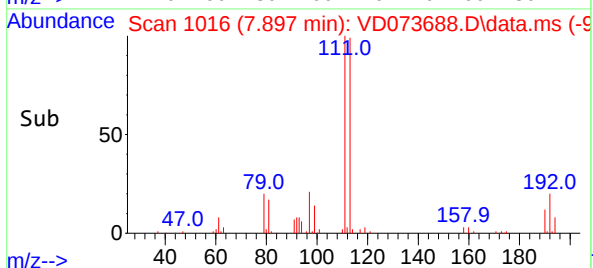
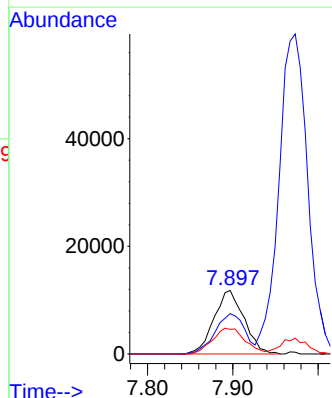
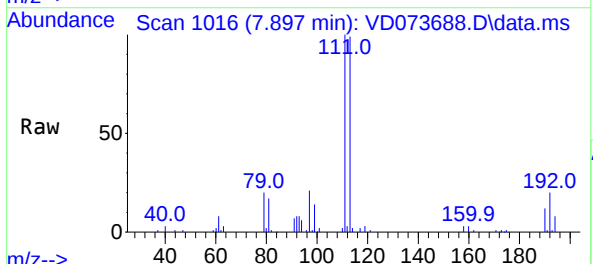
Tgt Ion: 97 Resp: 28908

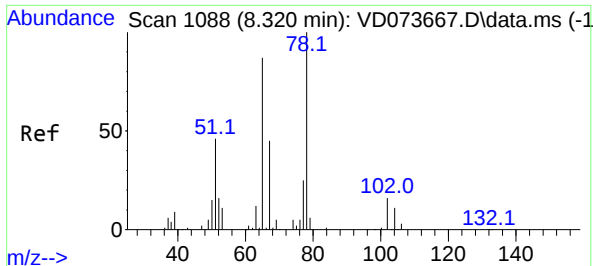
Ion Ratio Lower Upper

97 100

99 62.8 51.2 76.8

61 43.7 33.4 50.0

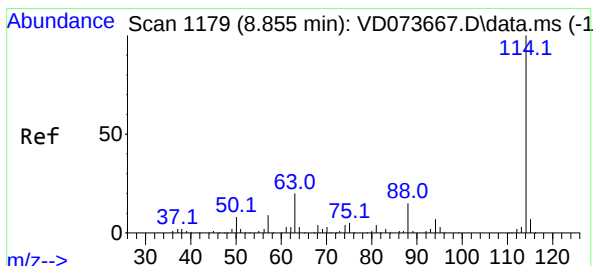
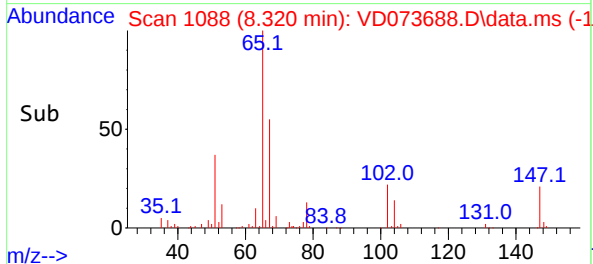
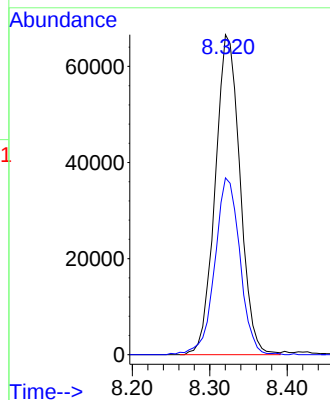
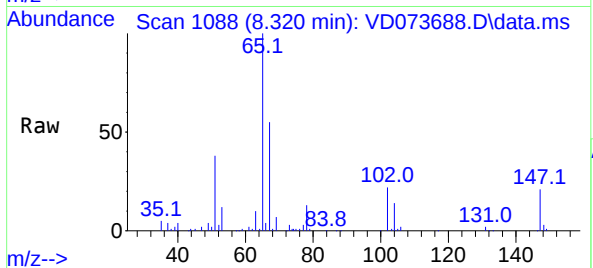




#33
1,2-Dichloroethane-d4
Concen: 50.899 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

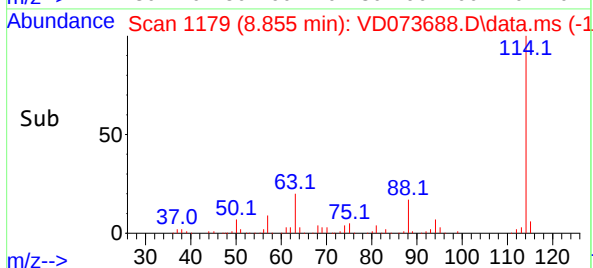
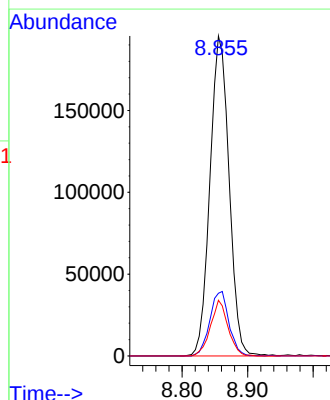
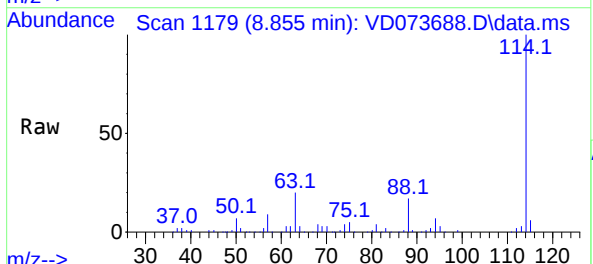
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

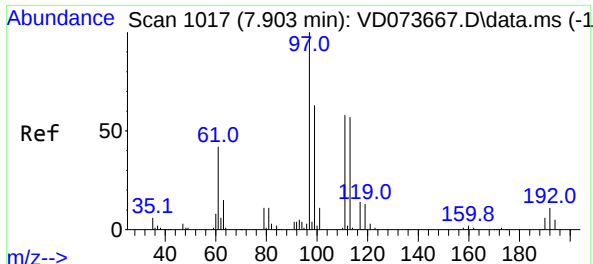
Tgt Ion: 65 Resp: 148367
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 114 Resp: 396276
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 17.4 0.0 29.4

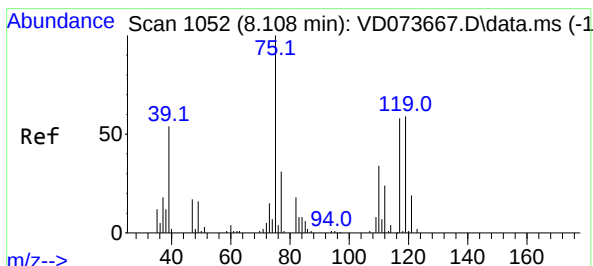
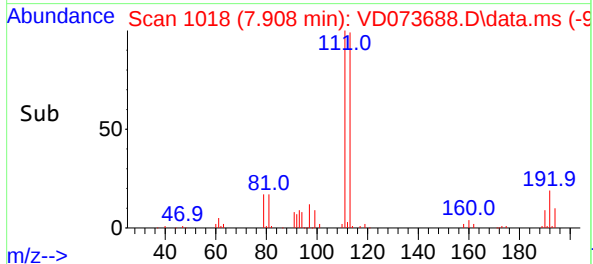
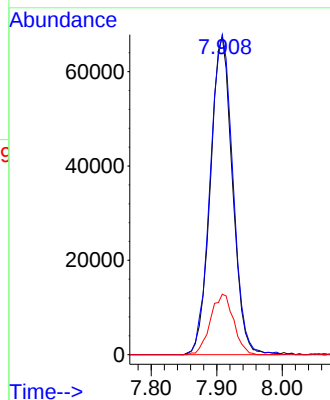
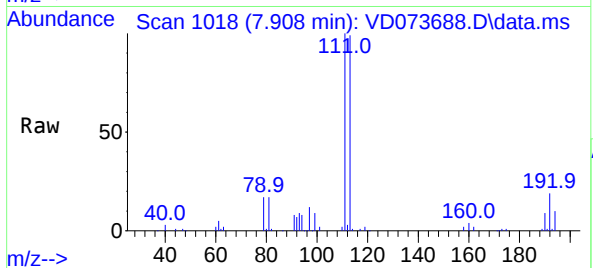




#35
Dibromofluoromethane
Concen: 51.063 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

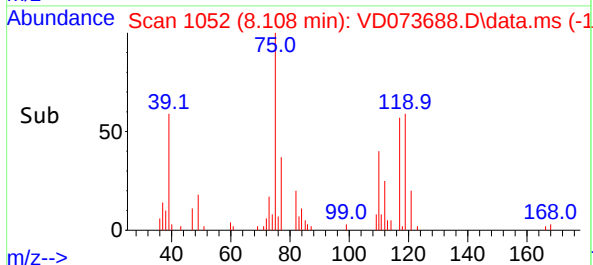
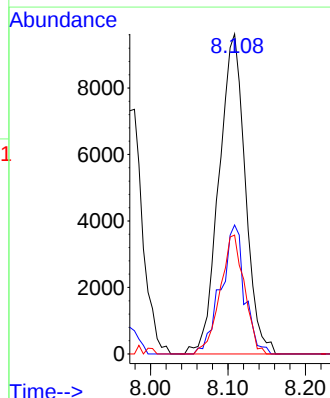
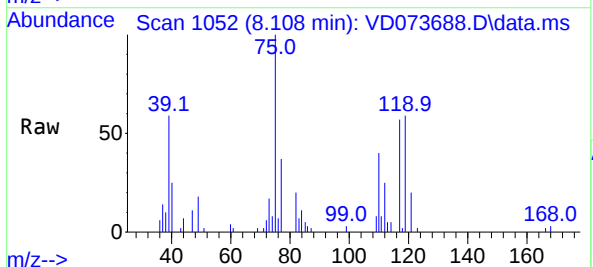
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

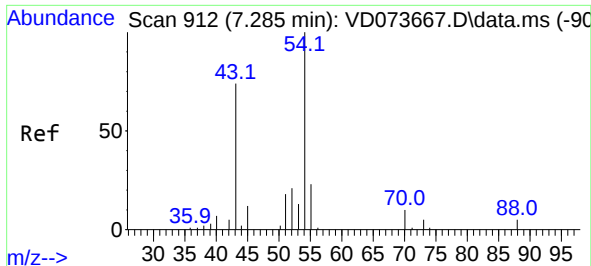
Tgt Ion:113 Resp: 157632
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 19.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 75 Resp: 22702
Ion Ratio Lower Upper
75 100
110 36.3 18.0 54.0
77 34.3 25.6 38.4





#37

Ethyl Acetate

Concen: 6.012 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

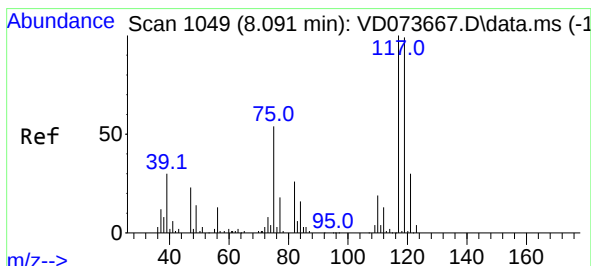
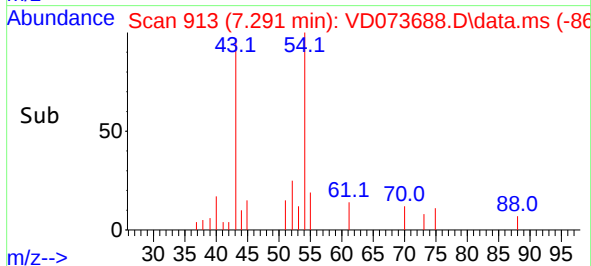
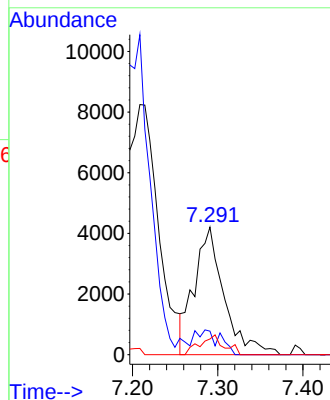
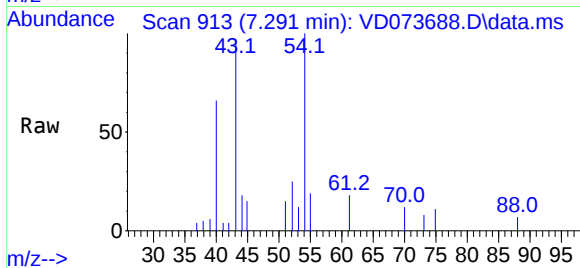
Tgt Ion: 43 Resp: 10225

Ion Ratio Lower Upper

43 100

61 16.1 10.6 16.0#

70 12.3 9.9 14.9



#38

Carbon Tetrachloride

Concen: 5.226 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

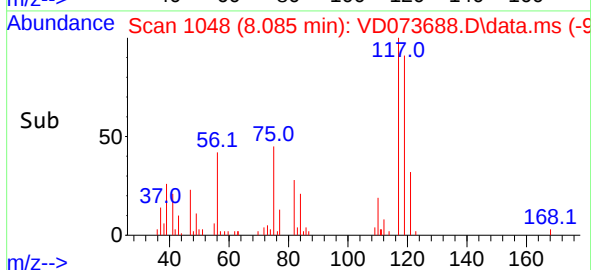
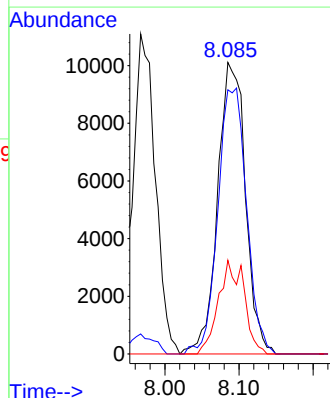
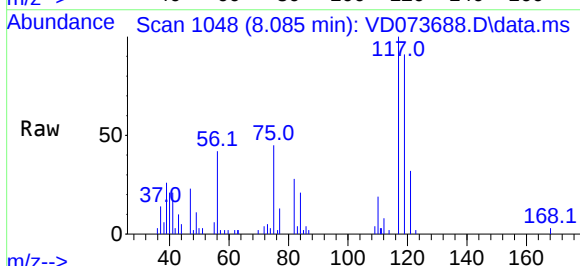
Tgt Ion: 117 Resp: 26370

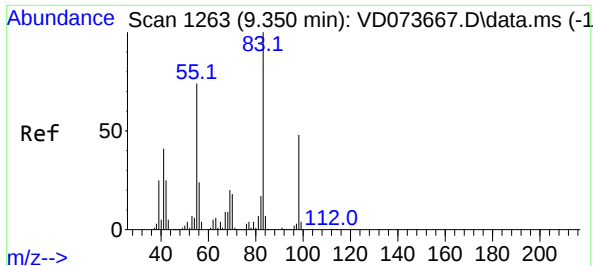
Ion Ratio Lower Upper

117 100

119 90.6 79.2 118.8

121 32.1 23.8 35.8





#39

Methylcyclohexane

Concen: 5.065 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

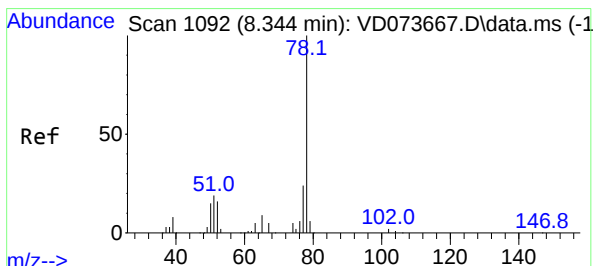
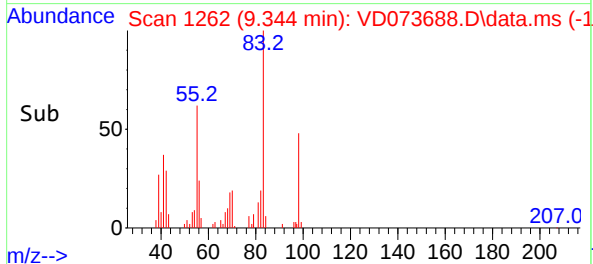
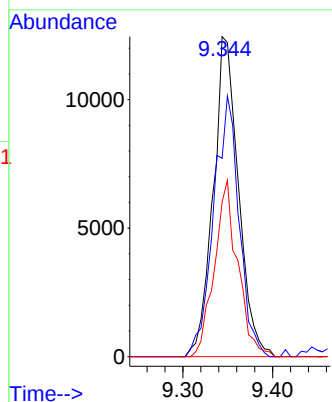
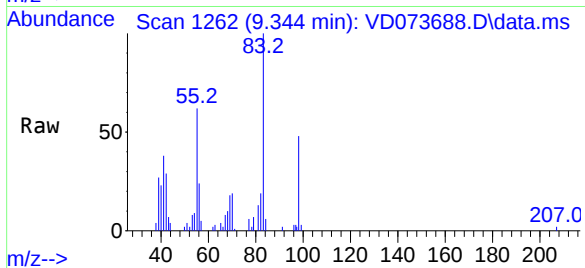
Tgt Ion: 83 Resp: 24369

Ion Ratio Lower Upper

83 100

55 62.0 59.0 88.4

98 48.4 38.3 57.5



#40

Benzene

Concen: 5.496 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073688.D

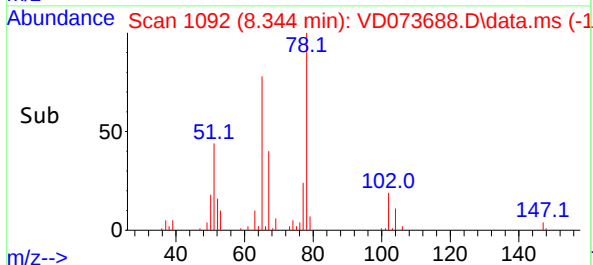
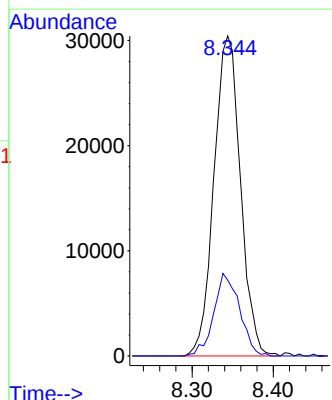
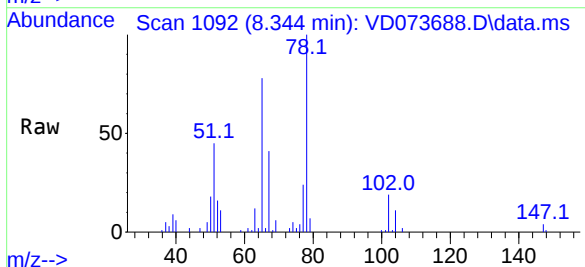
Acq: 24 Jun 2022 15:28

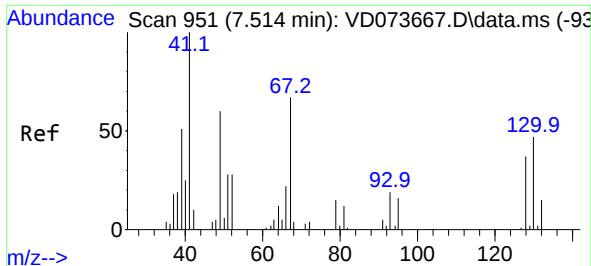
Tgt Ion: 78 Resp: 68941

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



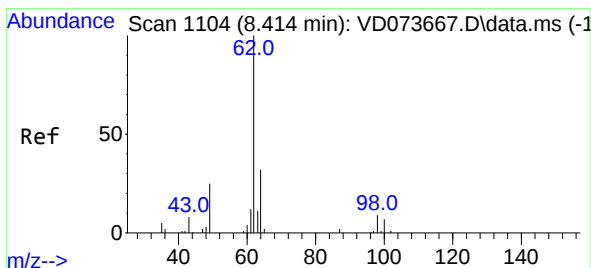
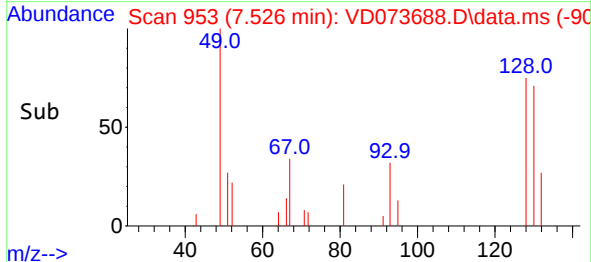
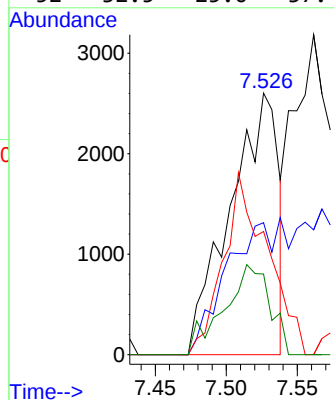
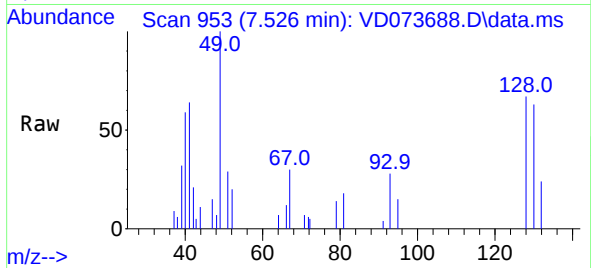


#41
Methacrylonitrile
Concen: 5.990 ug/l
RT: 7.526 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

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

Tgt Ion: 41 Resp: 6150

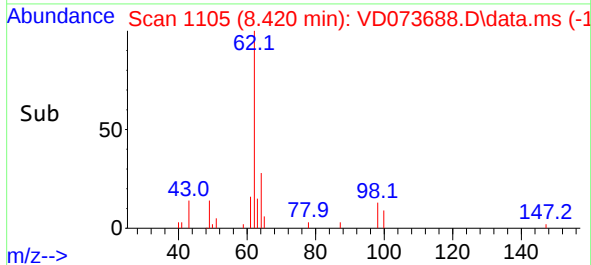
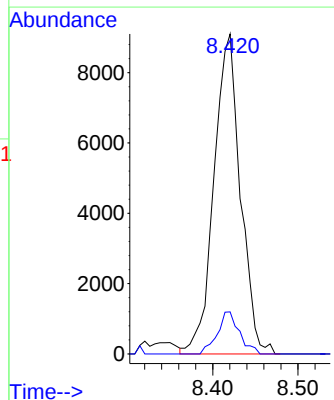
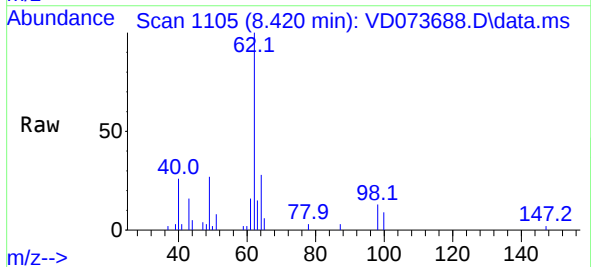
Ion	Ratio	Lower	Upper
41	100		
39	48.4	42.1	63.1
67	63.3	58.6	87.8
52	32.5	25.0	37.4

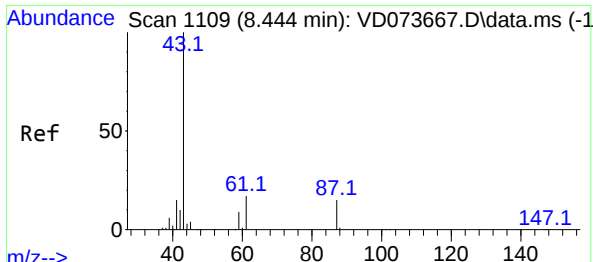


#42
1,2-Dichloroethane
Concen: 5.198 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 62 Resp: 19647

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.6

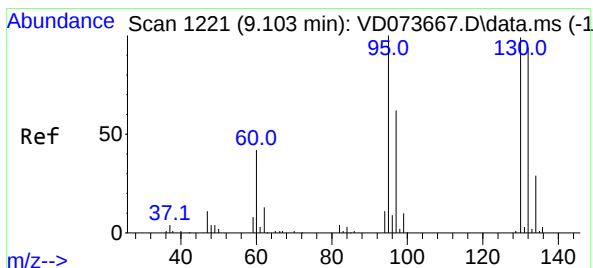
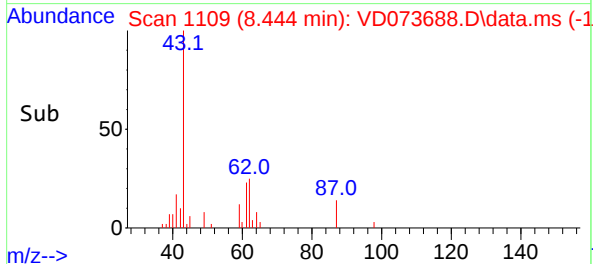
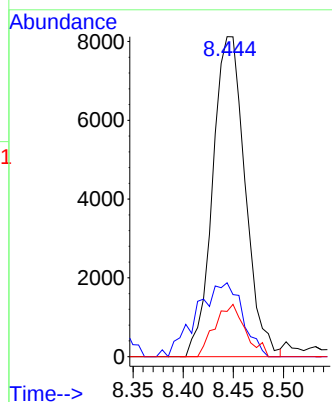
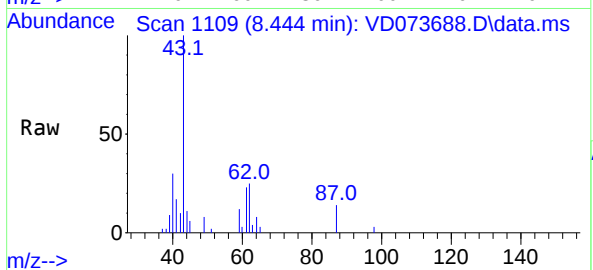




#43
Isopropyl Acetate
Concen: 5.476 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

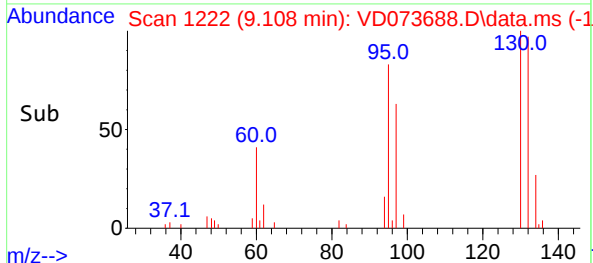
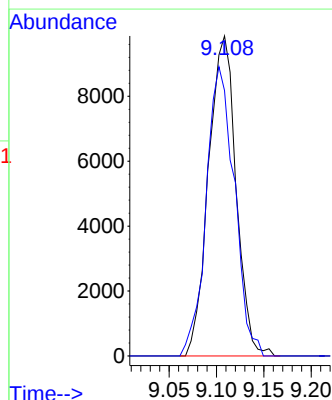
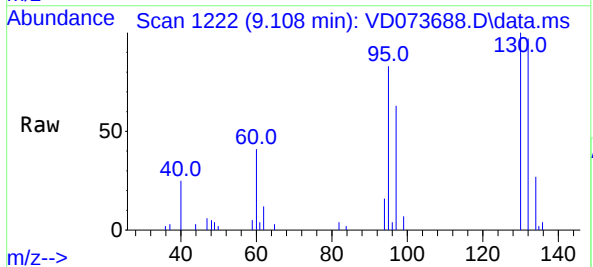
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

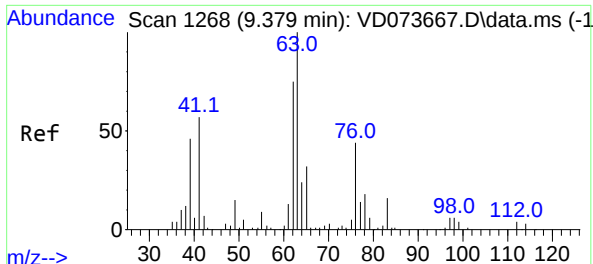
Tgt Ion: 43	Resp: 18275
Ion Ratio	Lower Upper
43 100	
61 32.9	25.4 38.0
87 15.3	11.9 17.9



#44
Trichloroethene
Concen: 5.548 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:130	Resp:	19989	
Ion	Ratio	Lower	Upper
130	100		
95	82.9	0.0	202.8

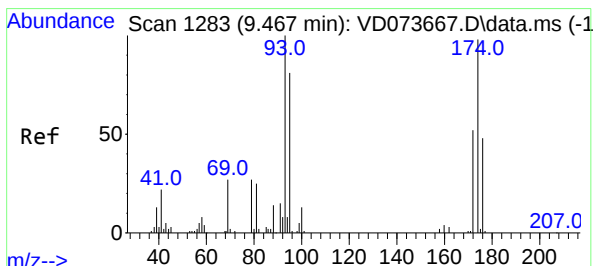
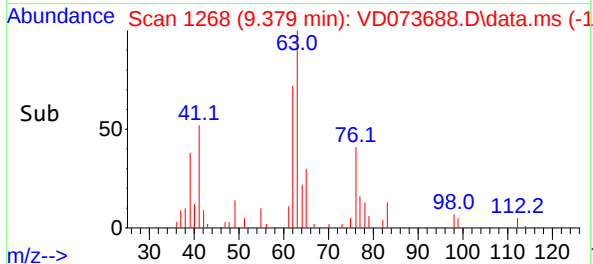
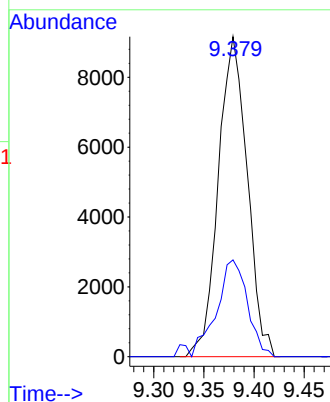
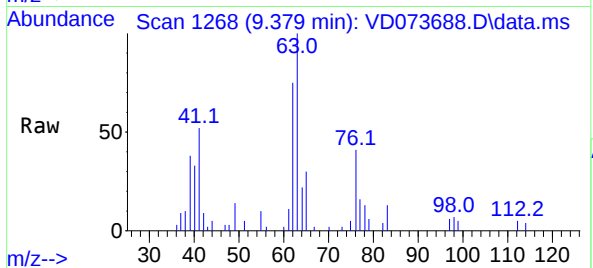




#45
1,2-Dichloropropane
Concen: 5.835 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

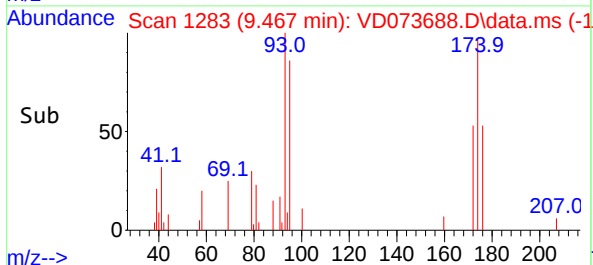
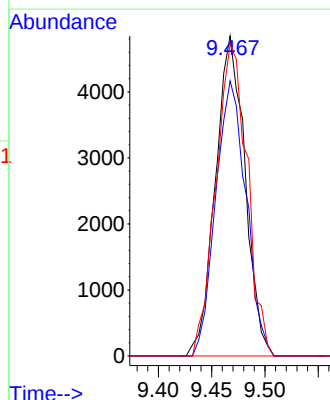
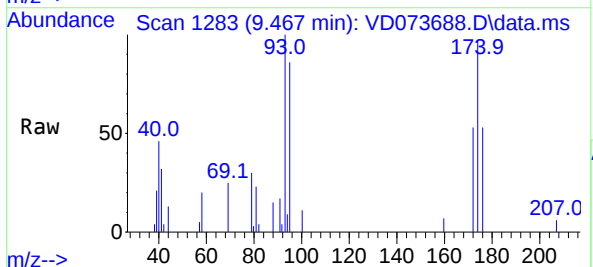
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022

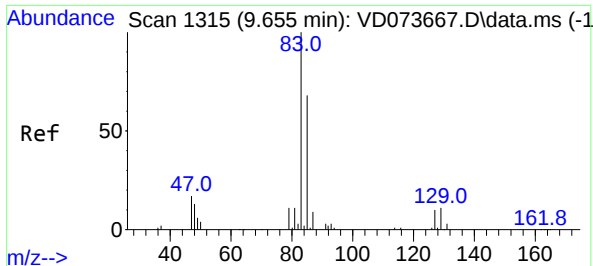
Tgt Ion: 63 Resp: 18352
Ion Ratio Lower Upper
63 100
65 30.2 25.5 38.3



#46
Dibromomethane
Concen: 5.109 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 93 Resp: 9328
Ion Ratio Lower Upper
93 100
95 88.3 67.8 101.8
174 103.1 82.3 123.5

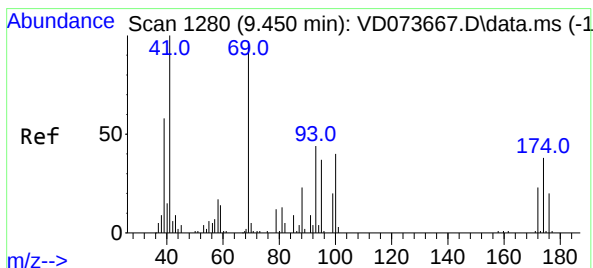
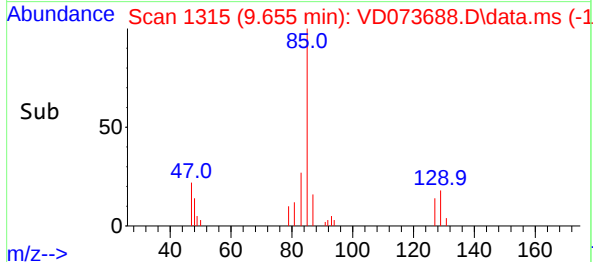
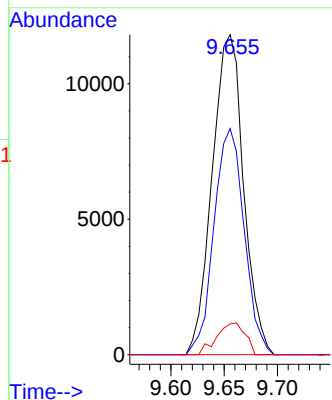
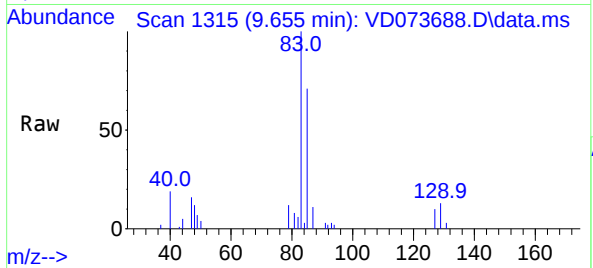




#47
Bromodichloromethane
Concen: 5.056 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

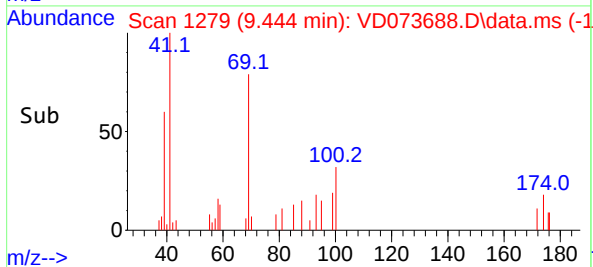
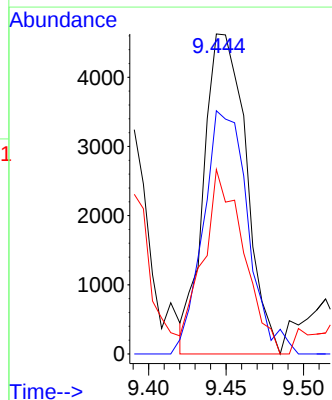
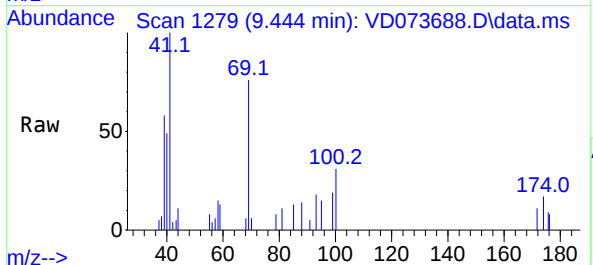
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

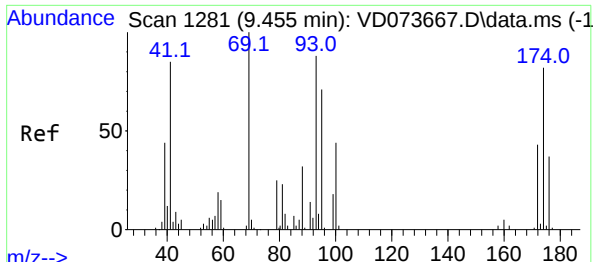
Tgt Ion:	83	Resp:	24193
Ion	Ratio	Lower	Upper
83	100		
85	70.6	54.5	81.7
127	9.6	7.7	11.5



#48
Methyl methacrylate
Concen: 5.202 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	41	Resp:	8811
Ion	Ratio	Lower	Upper
41	100		
69	80.0	69.6	104.4
39	55.1	45.5	68.3





#49

1,4-Dioxane

Concen: 94.628 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073688.D

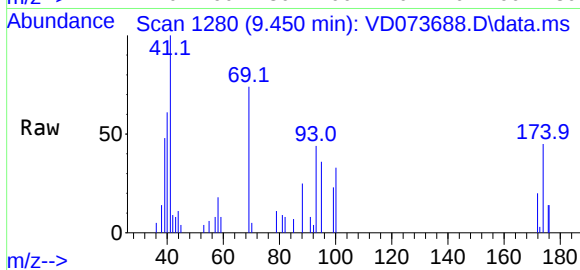
Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022



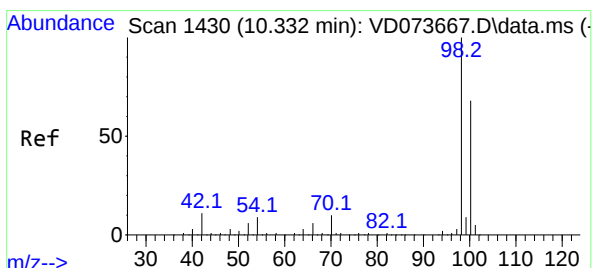
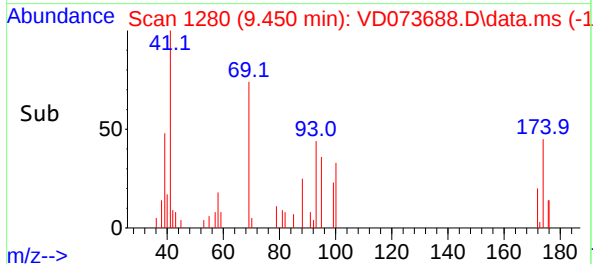
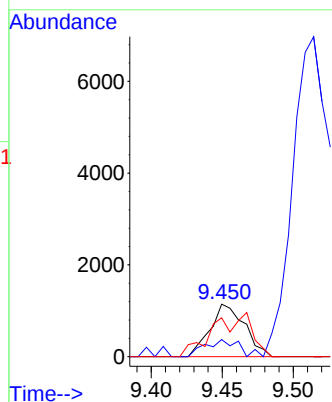
Tgt Ion: 88 Resp: 1929

Ion Ratio Lower Upper

88 100

43 29.7 24.5 36.7

58 52.8 54.4 81.6#



#50

Toluene-d8

Concen: 48.845 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073688.D

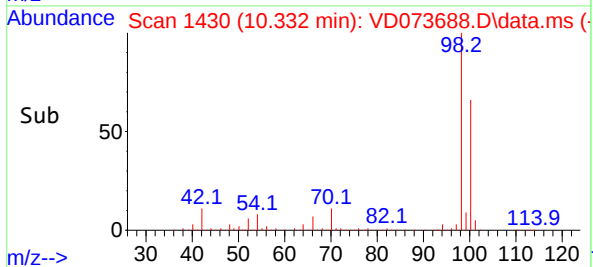
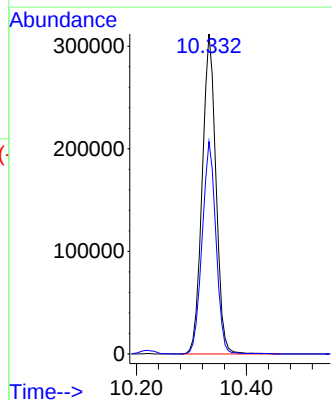
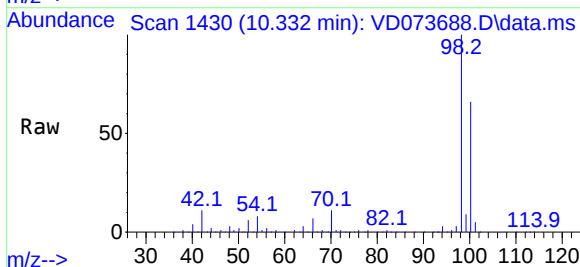
Acq: 24 Jun 2022 15:28

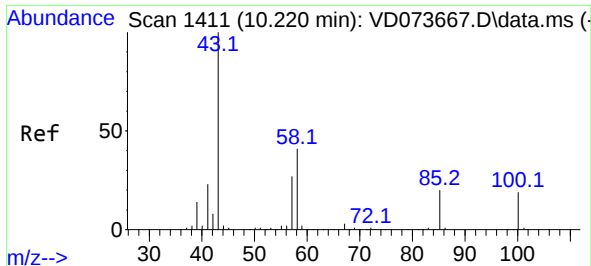
Tgt Ion: 98 Resp: 541392

Ion Ratio Lower Upper

98 100

100 66.6 54.0 81.0

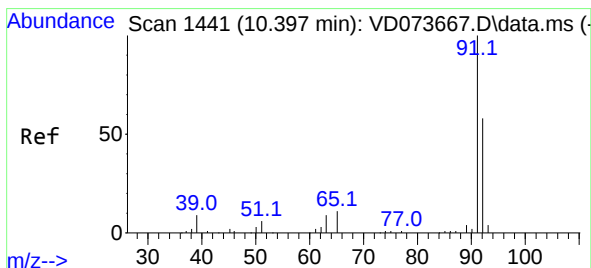
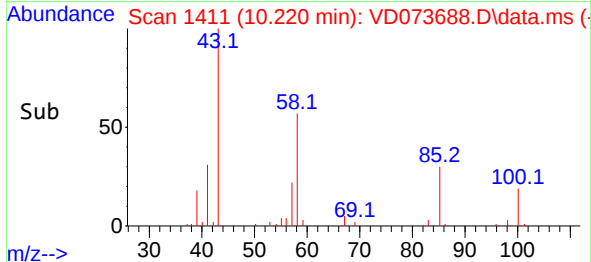
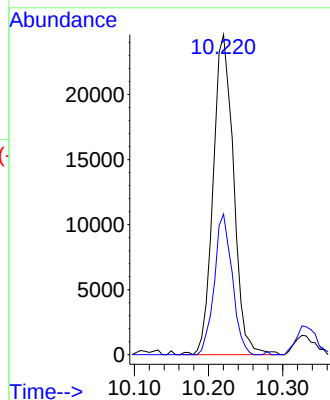
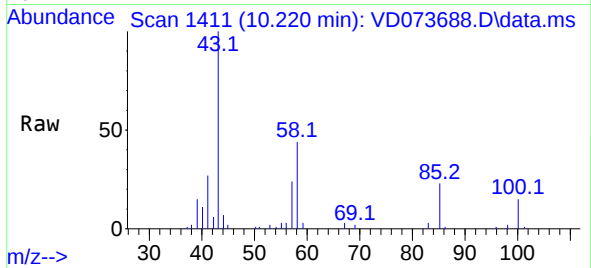




#51
4-Methyl-2-Pentanone
Concen: 27.473 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

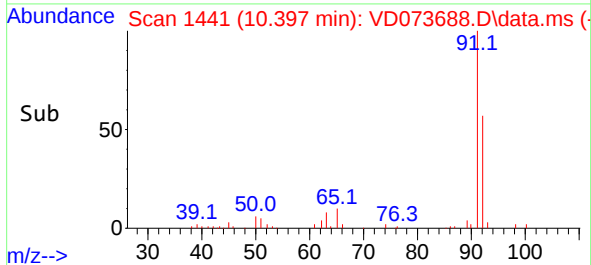
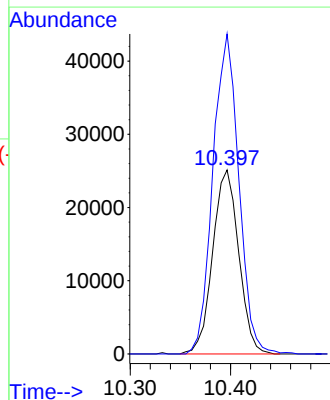
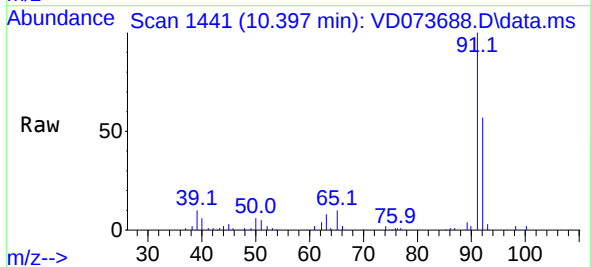
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

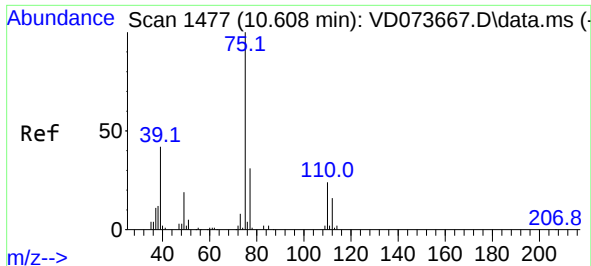
Tgt Ion: 43 Resp: 47117
Ion Ratio Lower Upper
43 100
58 38.5 32.3 48.5



#52
Toluene
Concen: 5.514 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 92 Resp: 45323
Ion Ratio Lower Upper
92 100
91 173.3 136.1 204.1

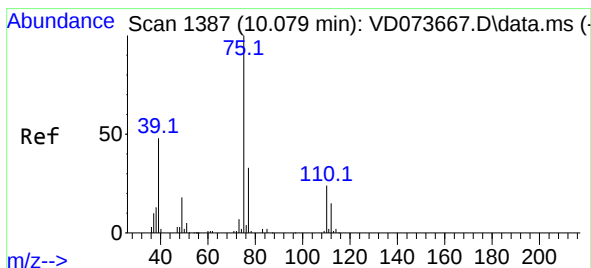
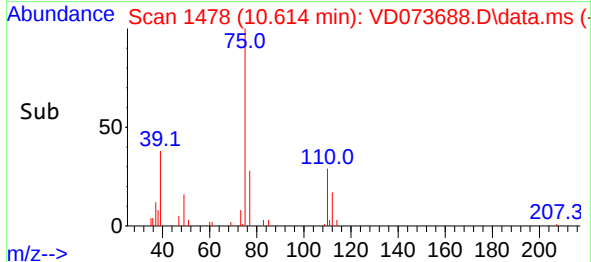
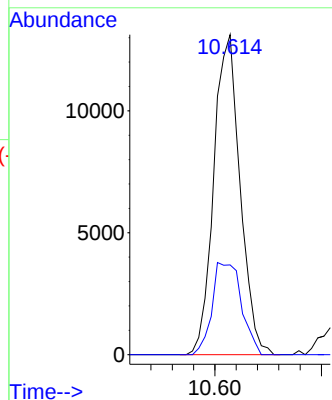
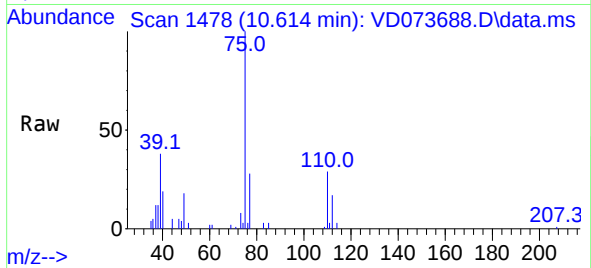




#53
 t-1,3-Dichloropropene
 Concen: 5.160 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VD073688.D
 Acq: 24 Jun 2022 15:28

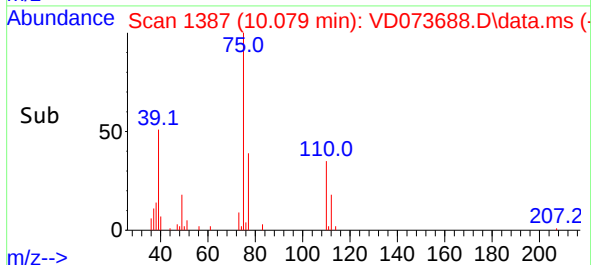
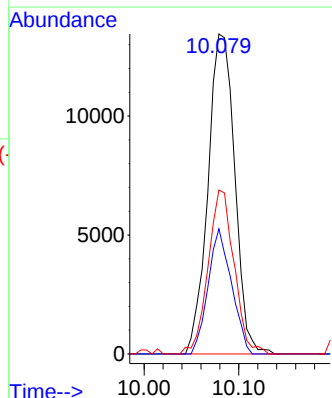
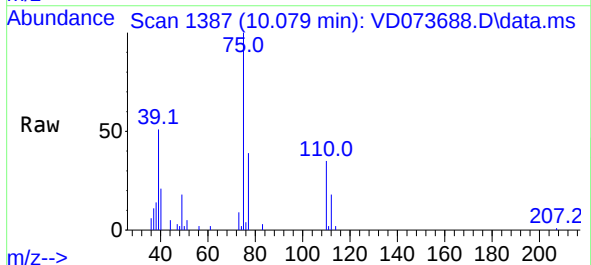
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

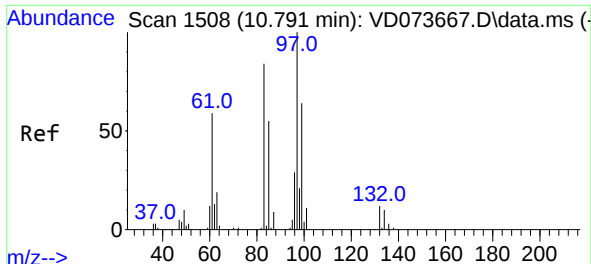
Tgt Ion: 75 Resp: 22463
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 5.335 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073688.D
 Acq: 24 Jun 2022 15:28

Tgt Ion: 75 Resp: 26440
 Ion Ratio Lower Upper
 75 100
 77 39.1 26.2 39.2
 39 51.3 38.0 57.0

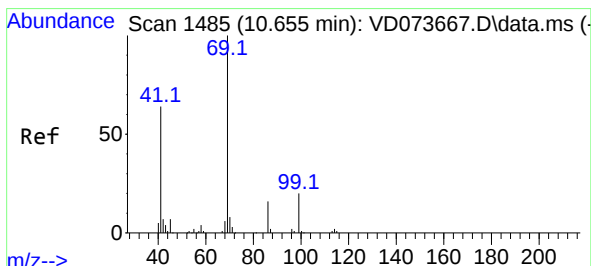
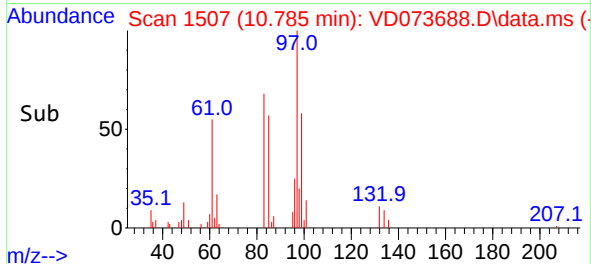
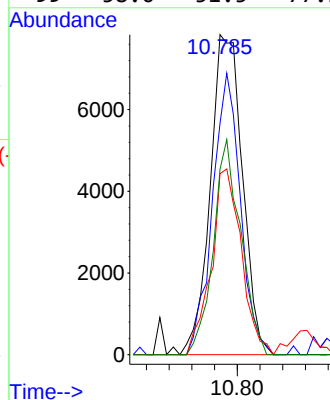
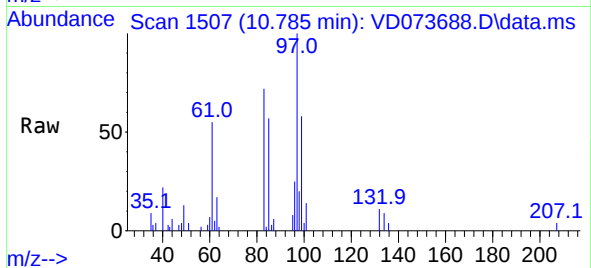




#55
1,1,2-Trichloroethane
Concen: 5.978 ug/l
RT: 10.785 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

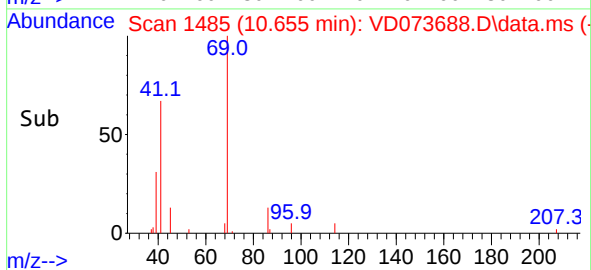
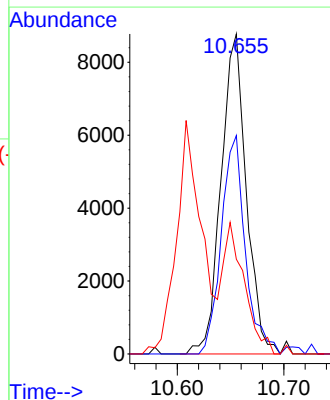
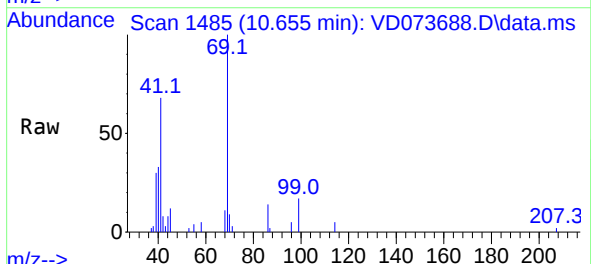
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

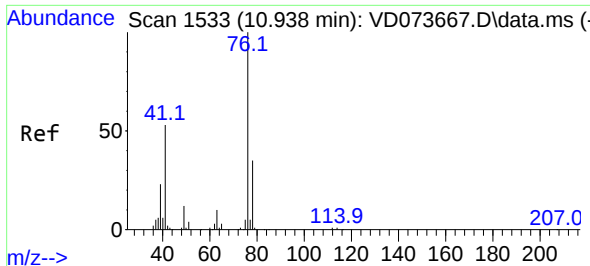
Tgt Ion: 97	Resp: 15384
Ion Ratio	Lower Upper
97 100	
83 72.4	67.1 100.7
85 56.5	44.0 66.0
99 58.0	51.5 77.3



#56
Ethyl methacrylate
Concen: 4.988 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 69	Resp: 14469
Ion Ratio	Lower Upper
69 100	
41 64.9	51.6 77.4
39 34.1	29.2 43.8





#57

1,3-Dichloropropane

Concen: 5.491 ug/l

RT: 10.938 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

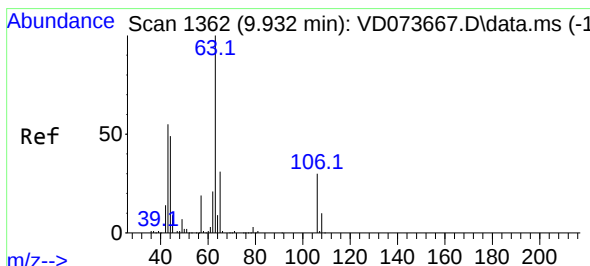
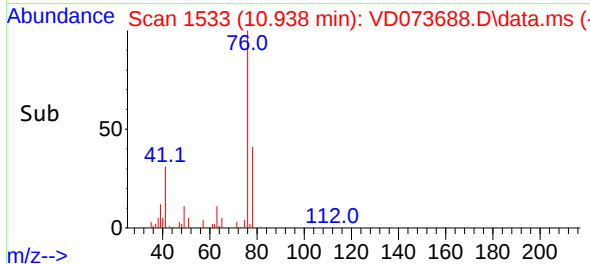
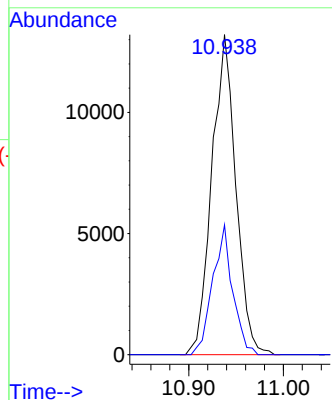
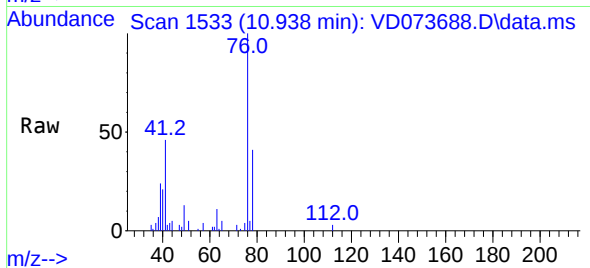
LOQ-SOIL-02-QT2-2022

Tgt Ion: 76 Resp: 23302

Ion Ratio Lower Upper

76 100

78 33.7 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 27.402 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073688.D

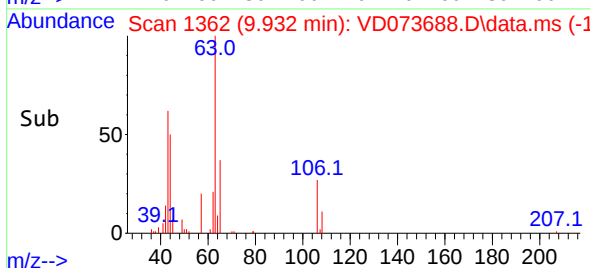
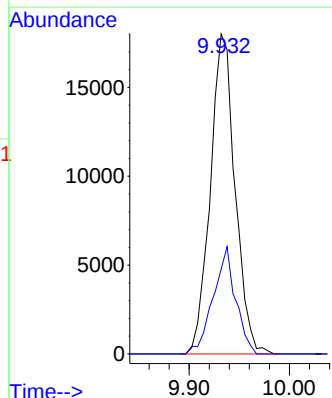
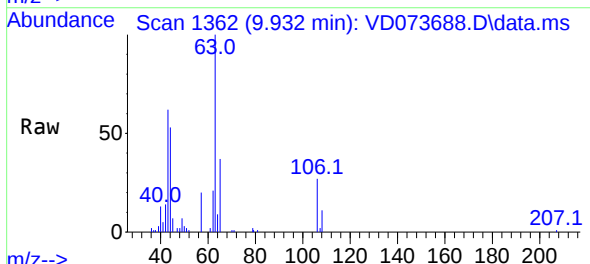
Acq: 24 Jun 2022 15:28

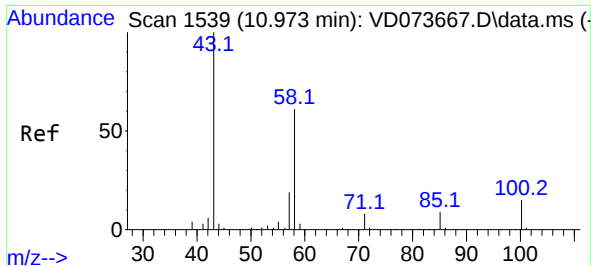
Tgt Ion: 63 Resp: 30845

Ion Ratio Lower Upper

63 100

106 30.4 25.2 37.8

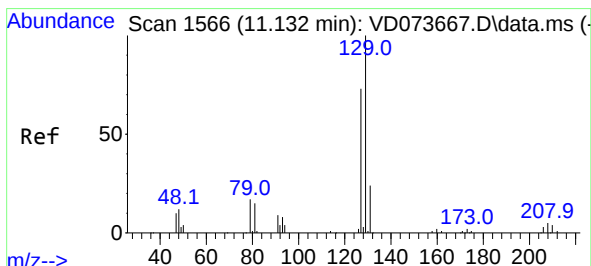
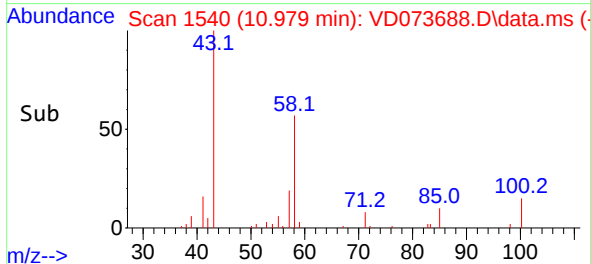
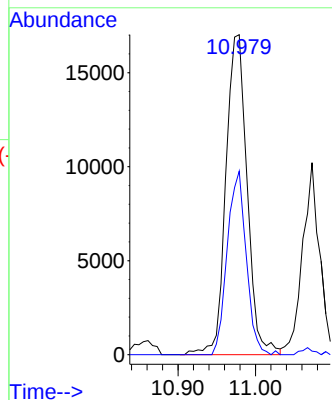
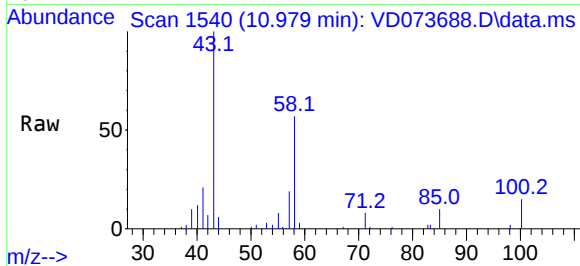




#59
2-Hexanone
Concen: 28.104 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

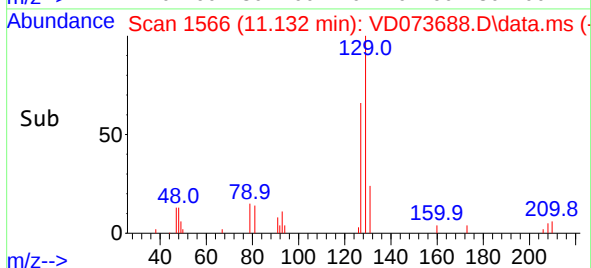
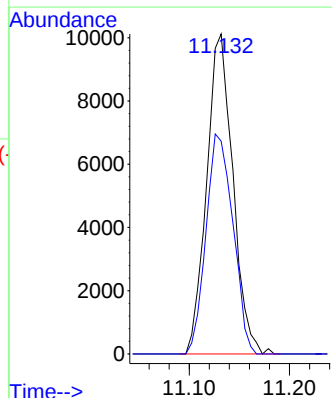
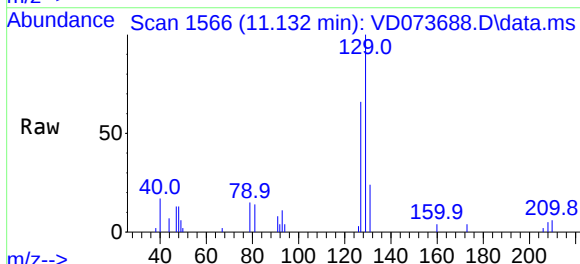
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

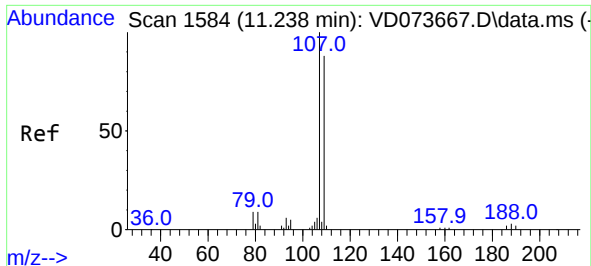
Tgt Ion: 43 Resp: 32540
Ion Ratio Lower Upper
43 100
58 50.9 28.8 86.4



#60
Dibromochloromethane
Concen: 5.420 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:129 Resp: 18383
Ion Ratio Lower Upper
129 100
127 70.6 36.8 110.4

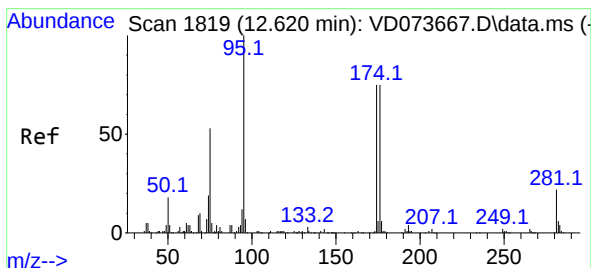
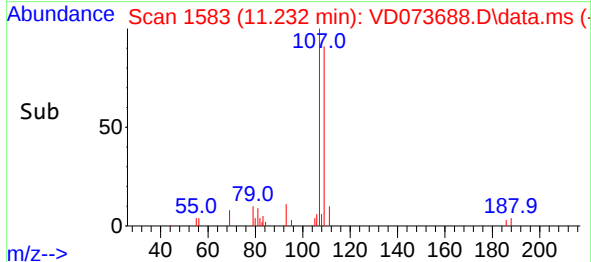
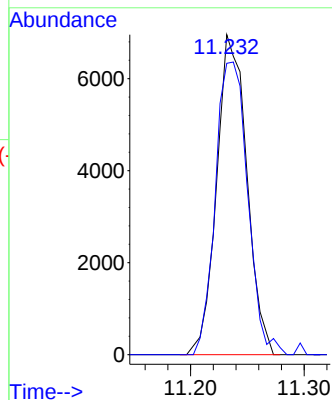
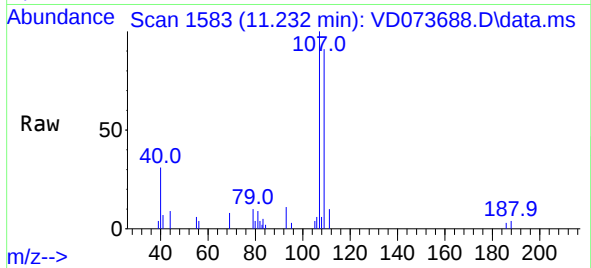




#61
1,2-Dibromoethane
Concen: 5.257 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

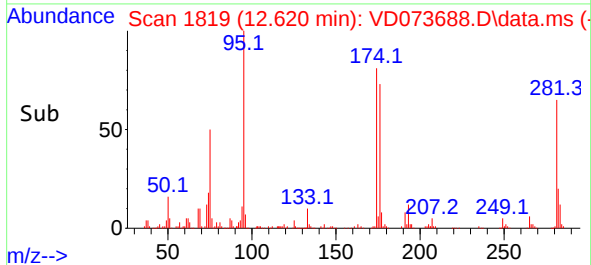
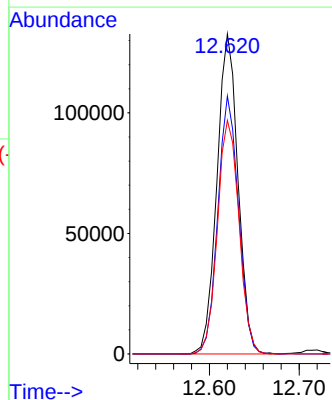
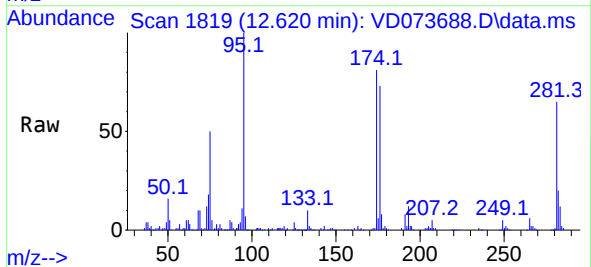
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

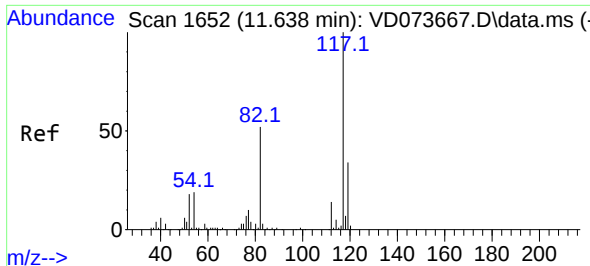
Tgt Ion:107 Resp: 12807
Ion Ratio Lower Upper
107 100
109 97.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 52.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 95 Resp: 216325
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.4
176 74.5 0.0 154.8

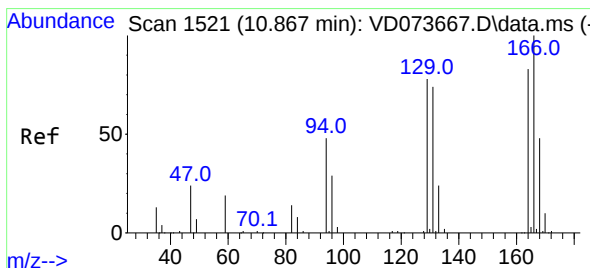
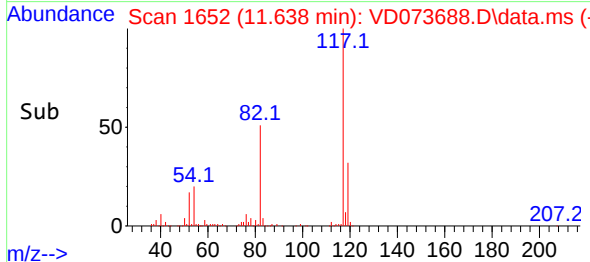
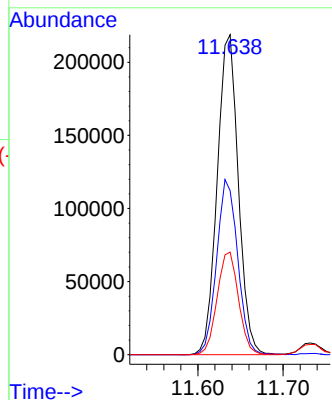
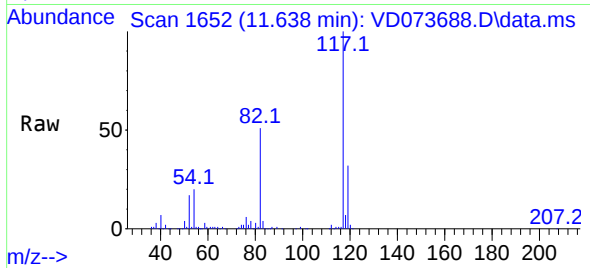




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

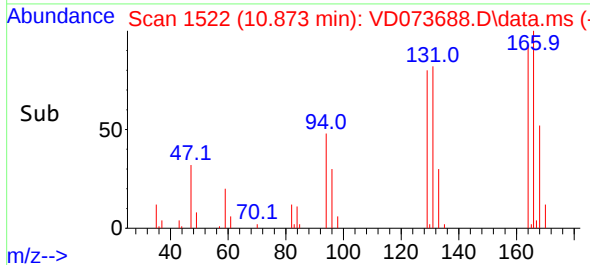
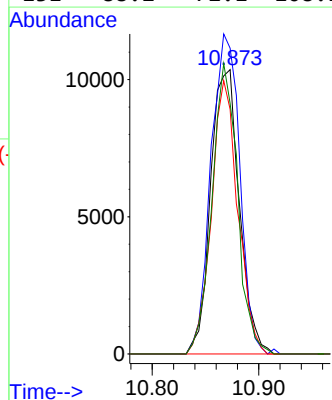
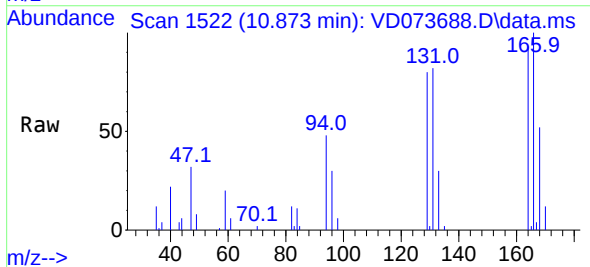
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

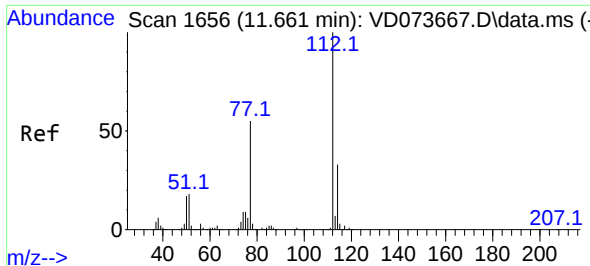
Tgt Ion:	117	Resp:	377891
Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.5	62.3
119	32.1	27.1	40.7



#64
Tetrachloroethene
Concen: 6.476 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	164	Resp:	19377
Ion	Ratio	Lower	Upper
164	100		
166	107.5	97.0	145.4
129	86.1	75.2	112.8
131	88.2	72.1	108.1

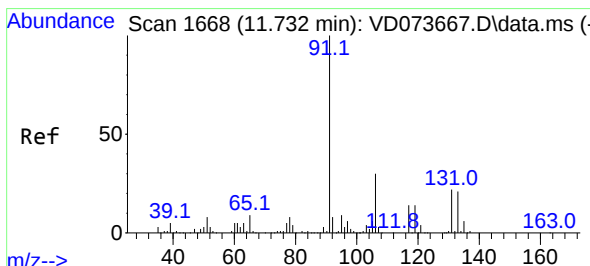
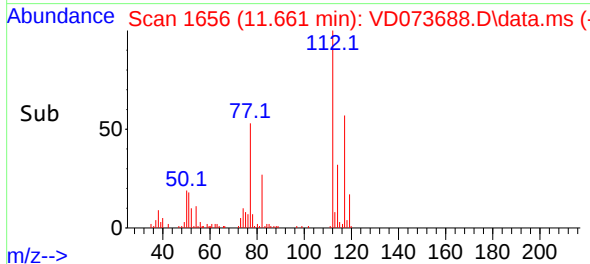
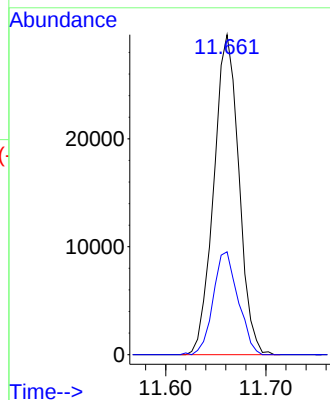
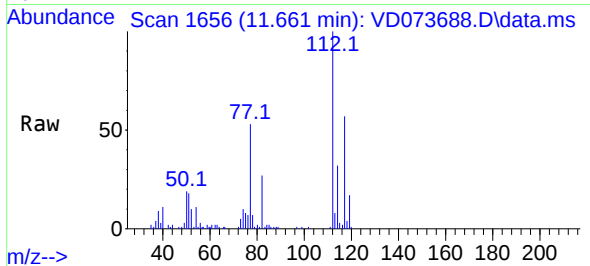




#65
Chlorobenzene
Concen: 5.568 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

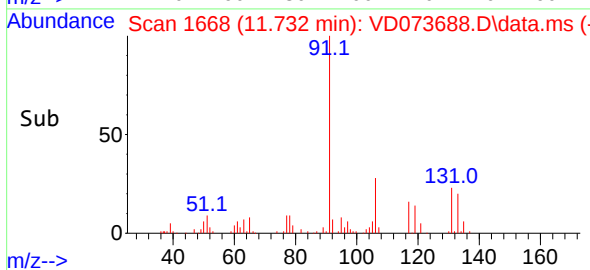
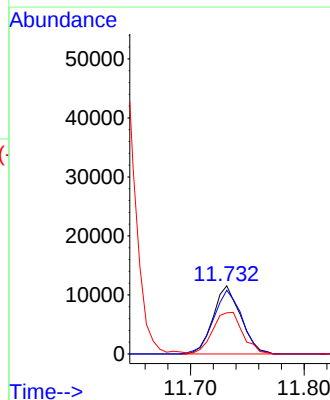
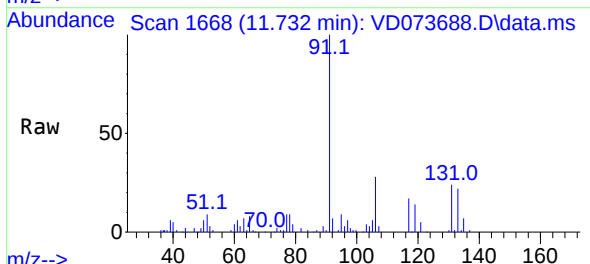
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

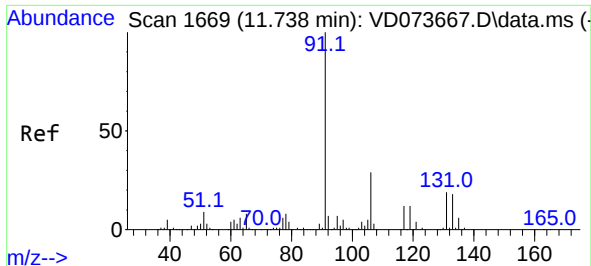
Tgt Ion:112 Resp: 51494
Ion Ratio Lower Upper
112 100
114 32.1 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.252 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:131 Resp: 19516
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 65.6 31.4 94.3





#67

Ethyl Benzene

Concen: 5.155 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

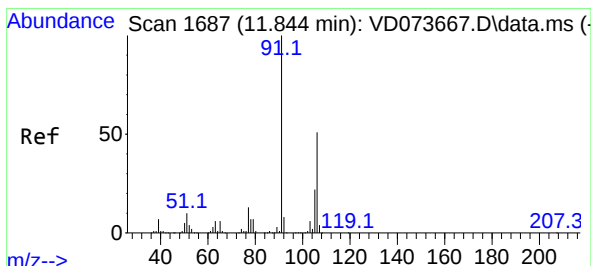
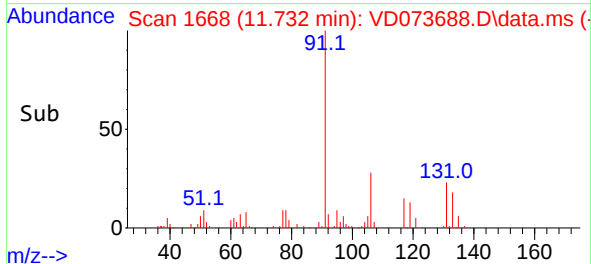
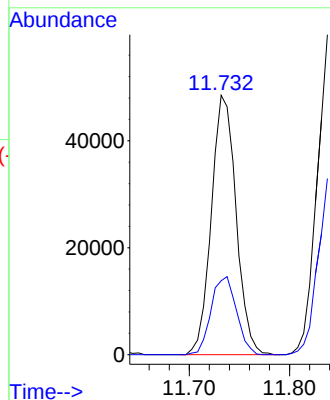
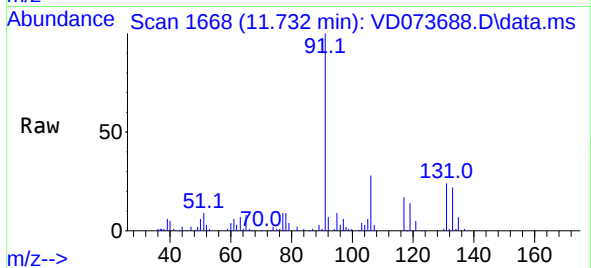
LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 83211

Ion Ratio Lower Upper

91 100

106 28.5 23.5 35.3



#68

m/p-Xylenes

Concen: 10.470 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073688.D

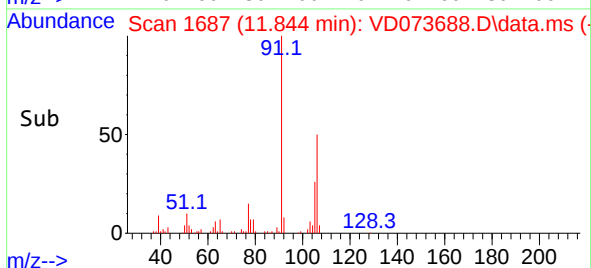
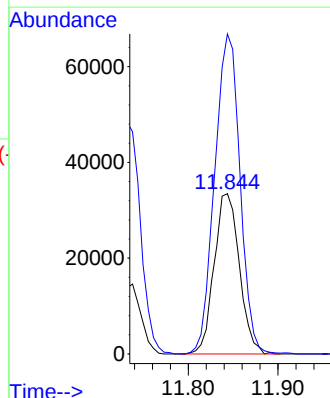
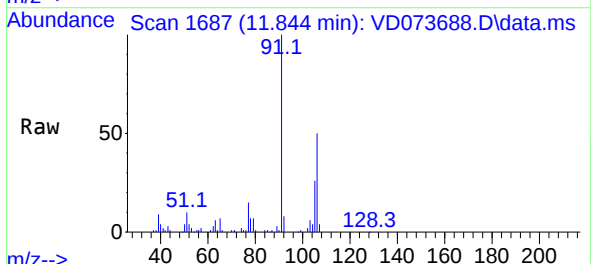
Acq: 24 Jun 2022 15:28

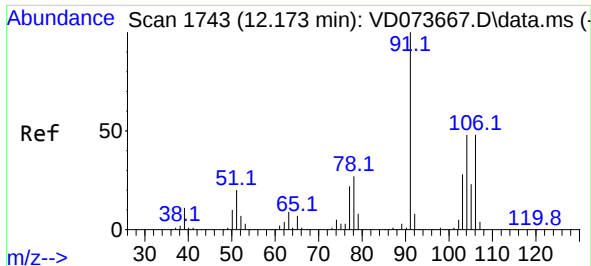
Tgt Ion:106 Resp: 65304

Ion Ratio Lower Upper

106 100

91 200.6 161.4 242.2

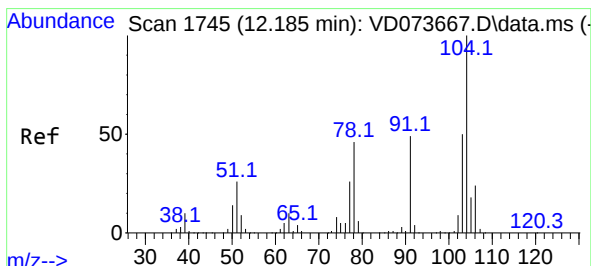
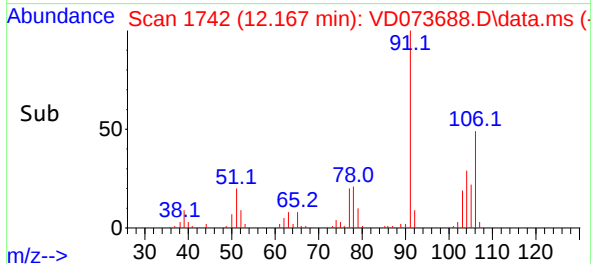
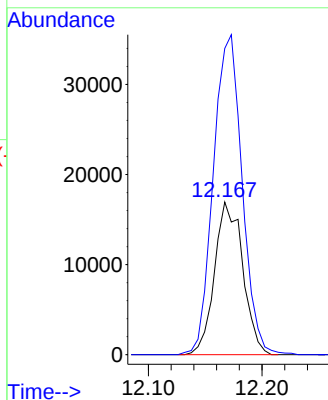
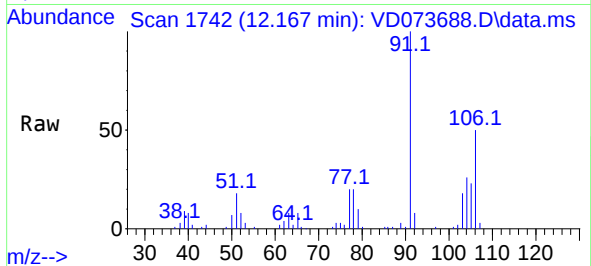




#69
o-Xylene
Concen: 5.049 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

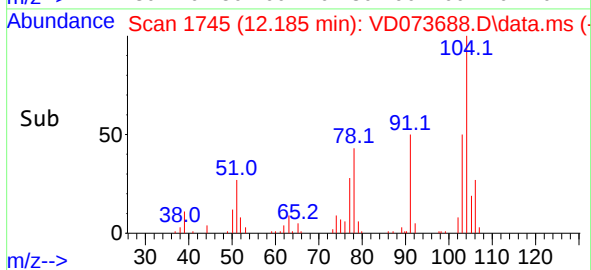
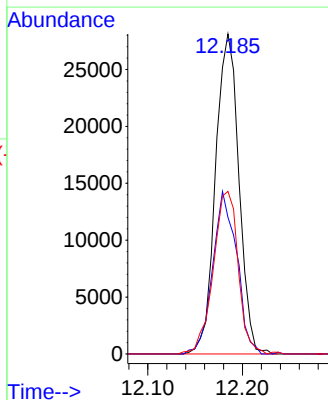
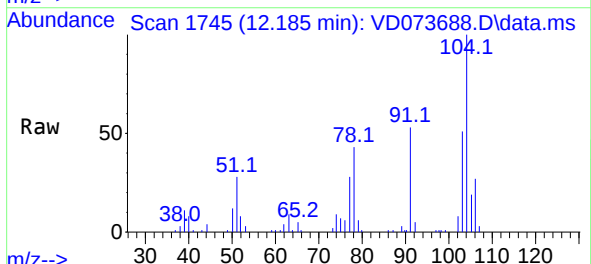
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

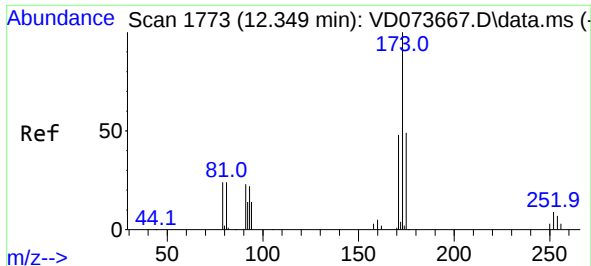
Tgt Ion:106 Resp: 29210
Ion Ratio Lower Upper
106 100
91 214.2 107.6 322.8



#70
Styrene
Concen: 4.771 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:104 Resp: 48298
Ion Ratio Lower Upper
104 100
78 52.1 39.8 59.8
103 54.2 43.3 64.9

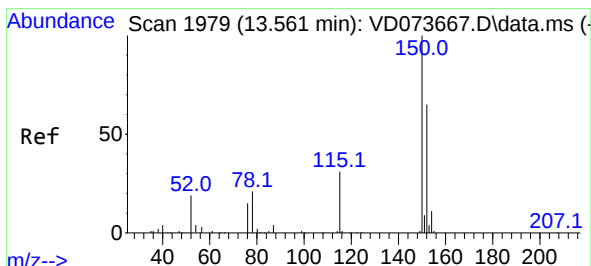
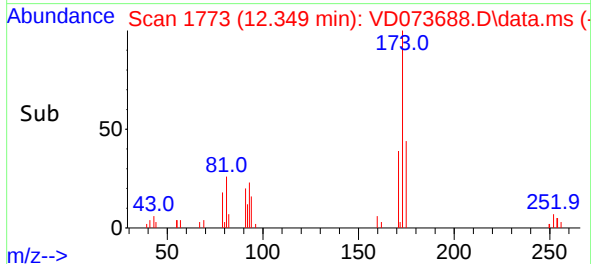
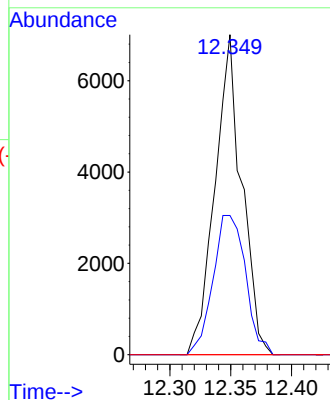
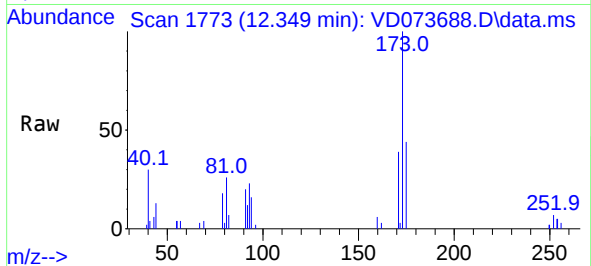




#71
Bromoform
Concen: 5.312 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

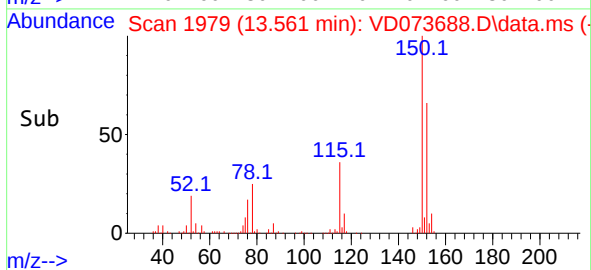
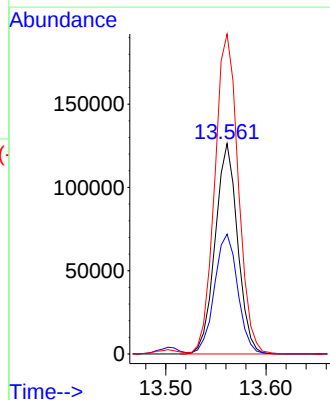
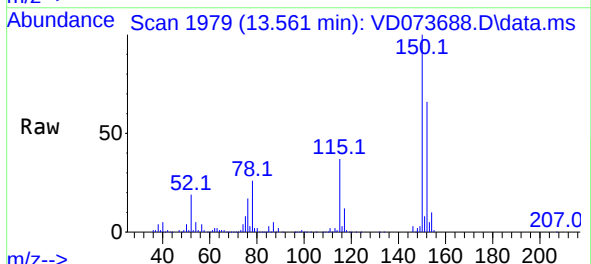
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

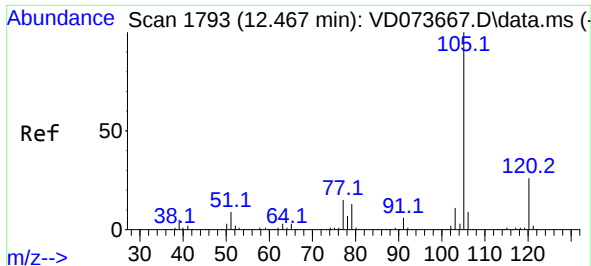
Tgt Ion:	173	Resp:	10746
Ion Ratio	Lower	Upper	
173	100		
175	52.7	24.0	72.0
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	152	Resp:	196155
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.6	91.6
150	159.5	0.0	355.0

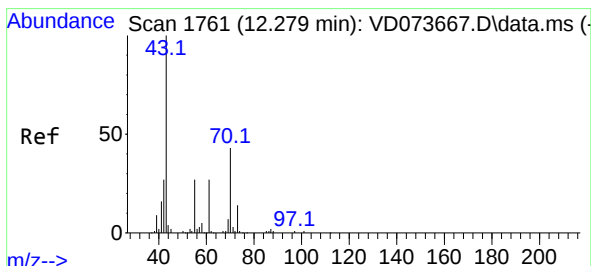
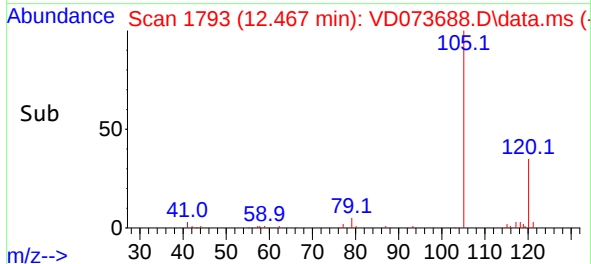
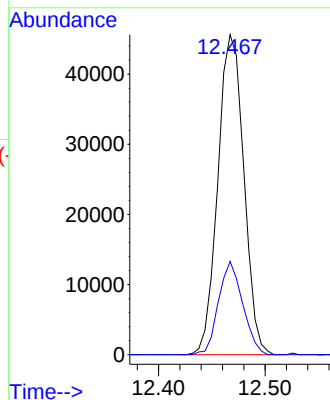
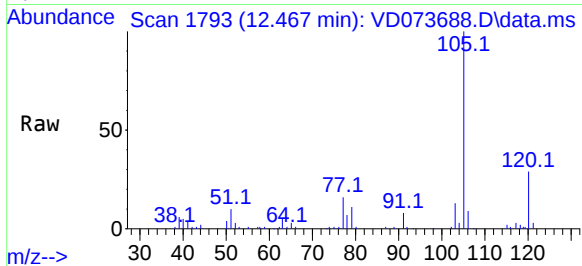




#73
Isopropylbenzene
Concen: 4.827 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

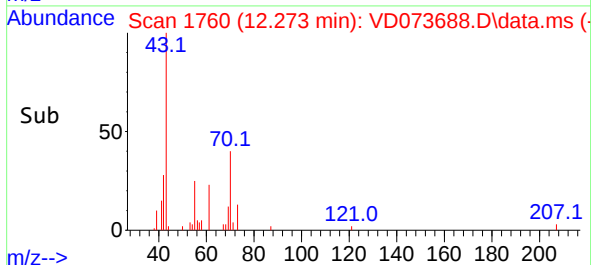
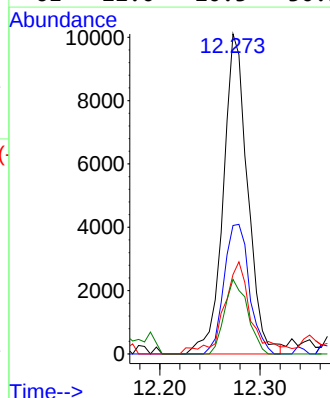
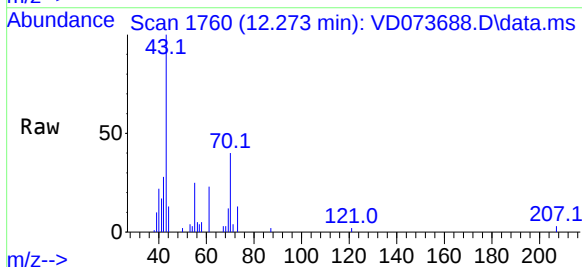
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

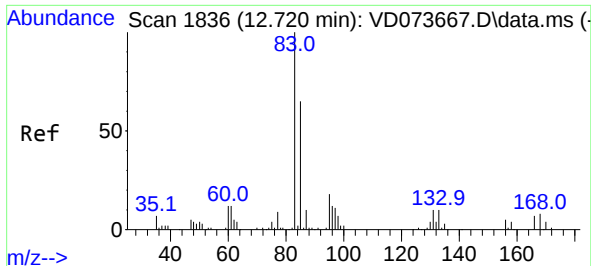
Tgt Ion:105 Resp: 77309
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6



#74
N-ethyl acetate
Concen: 5.202 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 43 Resp: 17051
Ion Ratio Lower Upper
43 100
70 42.0 35.0 52.6
55 32.2 21.0 31.4#
61 22.0 20.3 30.5

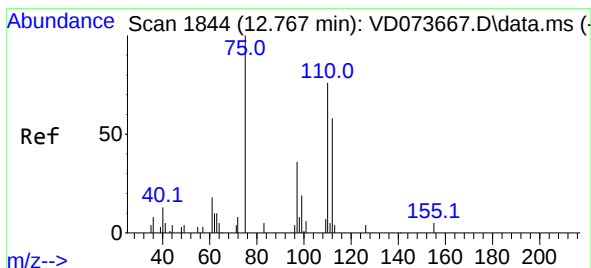
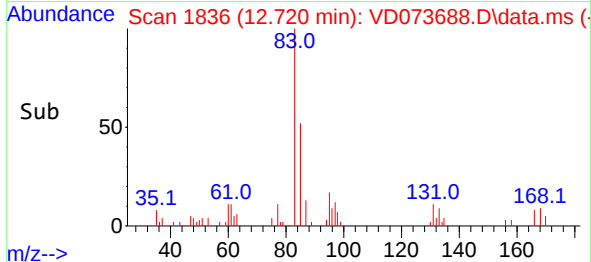
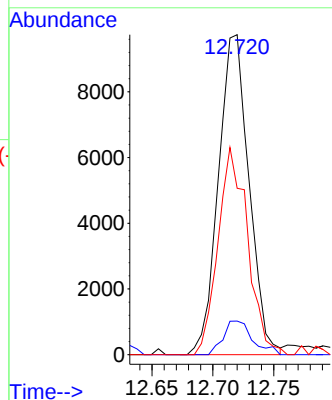
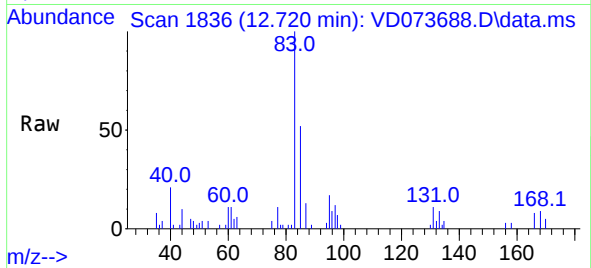




#75
1,1,2,2-Tetrachloroethane
Concen: 5.632 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

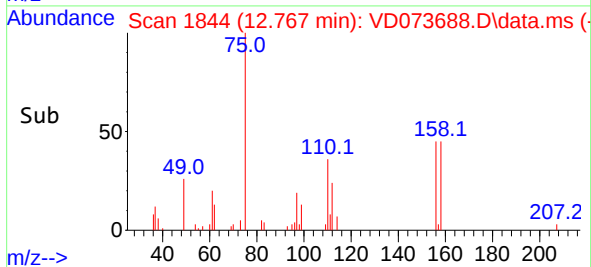
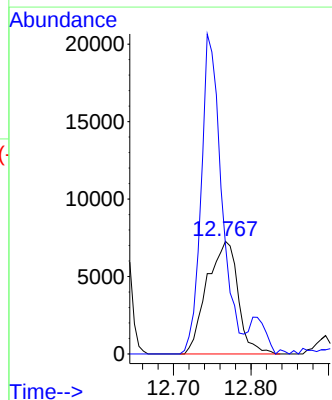
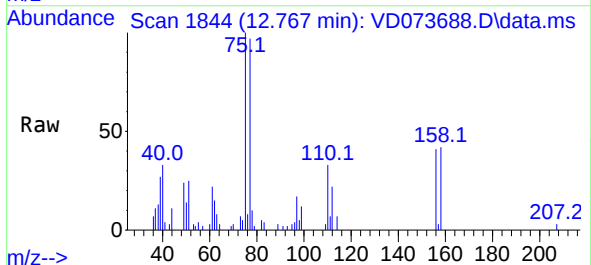
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

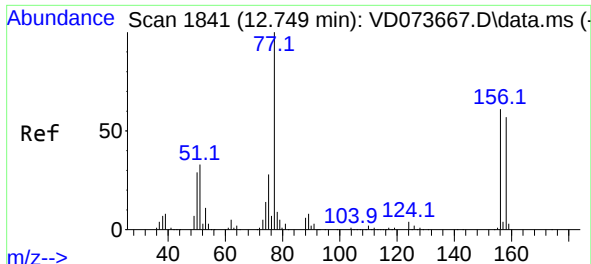
Tgt Ion: 83 Resp: 17019
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.7
85 62.6 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 10.609 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 75 Resp: 20251
Ion Ratio Lower Upper
75 100
77 0.0 195.3 586.0#

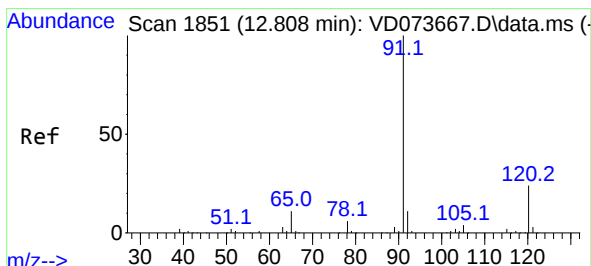
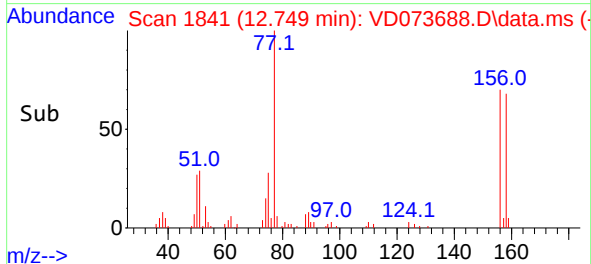
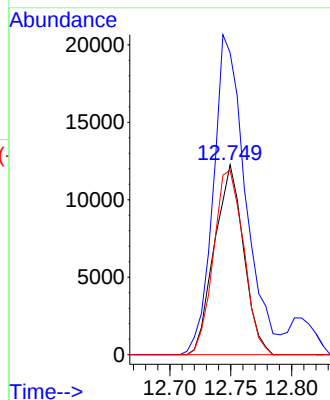
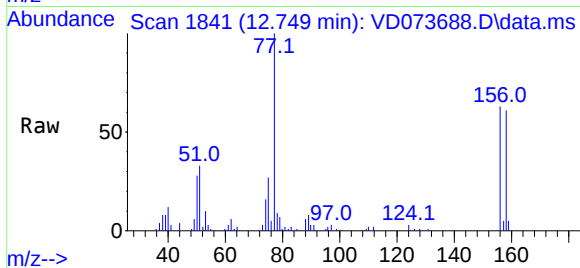




#77
Bromobenzene
Concen: 5.303 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

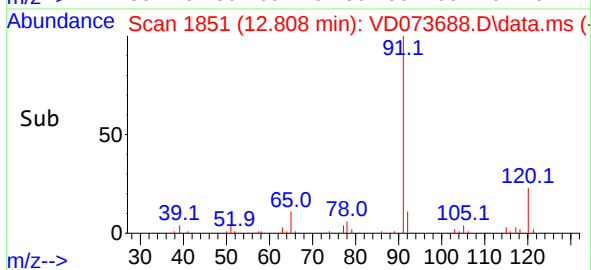
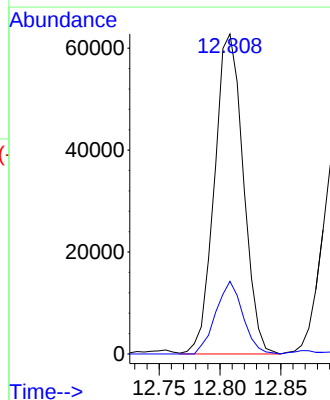
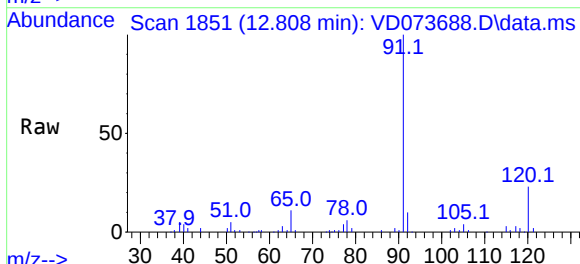
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

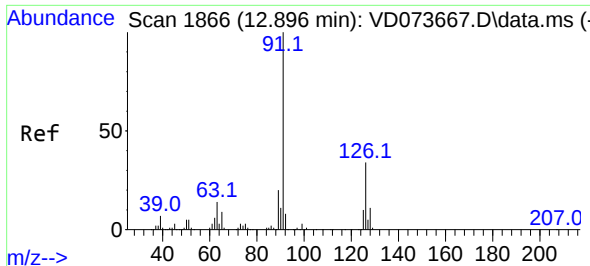
Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.3	90.9	272.7
158	100.5	48.4	145.2



#78
n-propylbenzene
Concen: 5.282 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.8	35.3

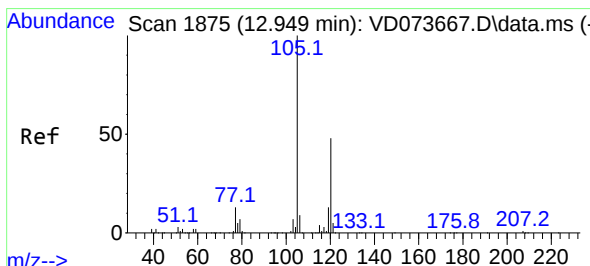
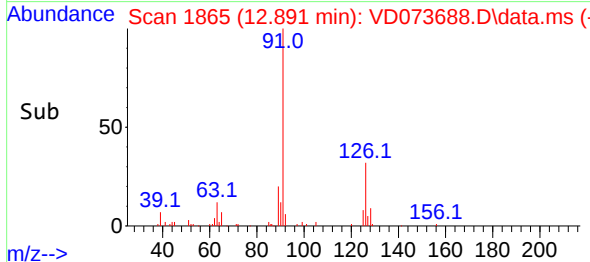
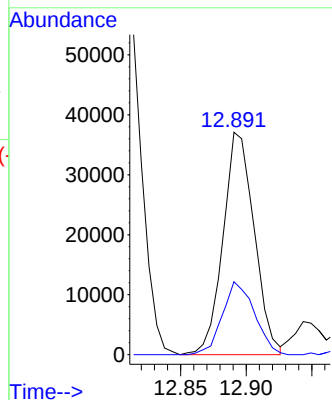
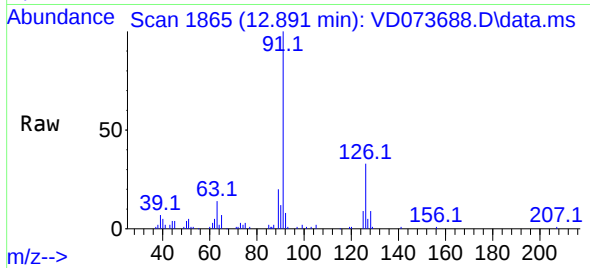




#79
2-Chlorotoluene
Concen: 5.385 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

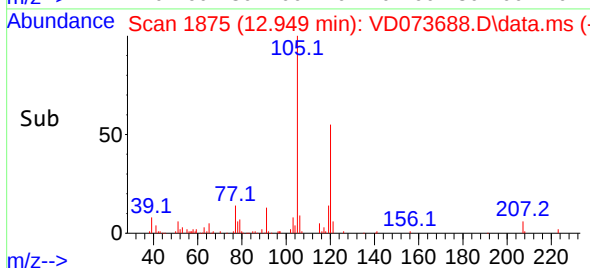
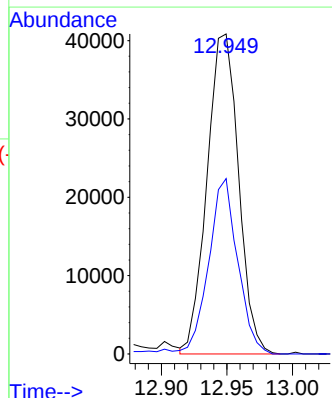
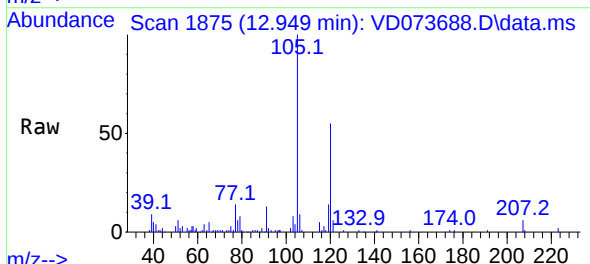
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

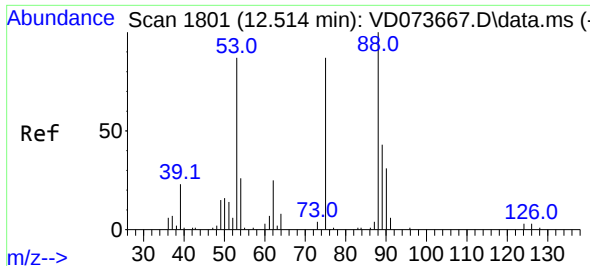
Tgt Ion: 91 Resp: 61405
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 4.979 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 105 Resp: 68375
Ion Ratio Lower Upper
105 100
120 51.3 24.5 73.5

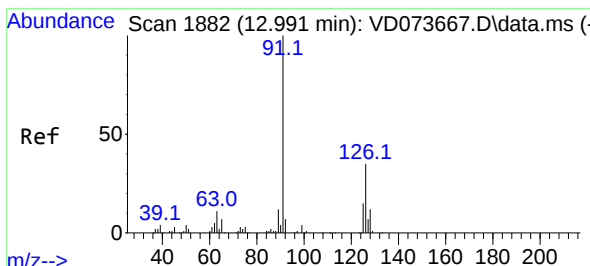
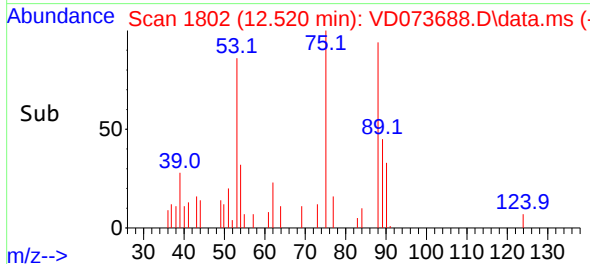
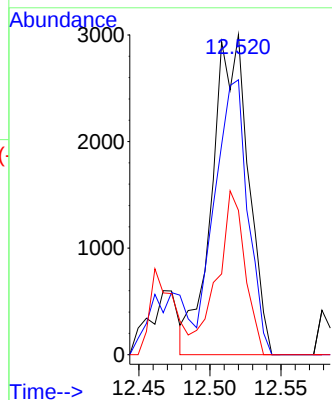
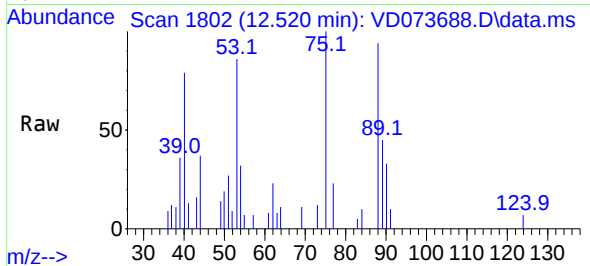




#81
trans-1,4-Dichloro-2-butene
Concen: 5.680 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

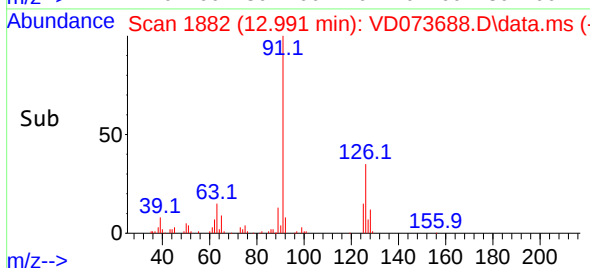
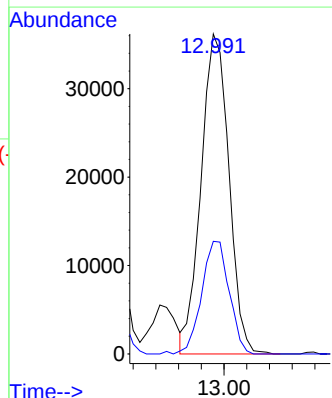
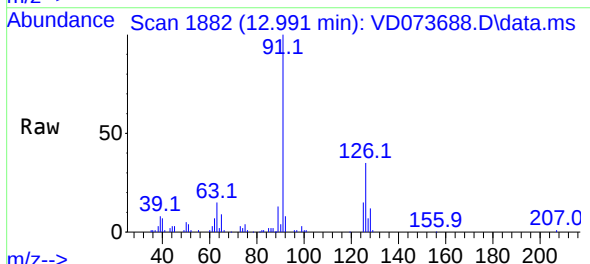
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

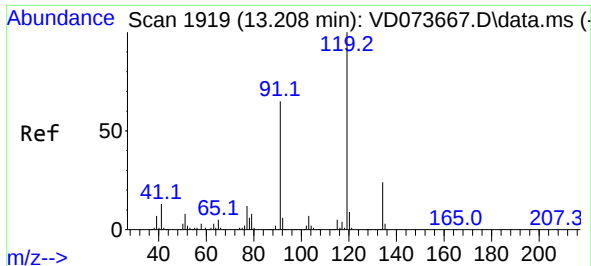
Tgt Ion: 75 Resp: 5311
Ion Ratio Lower Upper
75 100
53 77.8 77.0 115.6
89 39.2 37.8 56.8



#82
4-Chlorotoluene
Concen: 5.079 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion: 91 Resp: 61576
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4

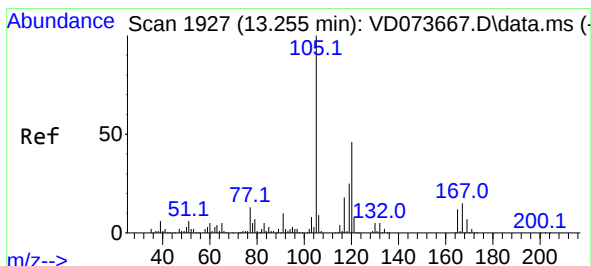
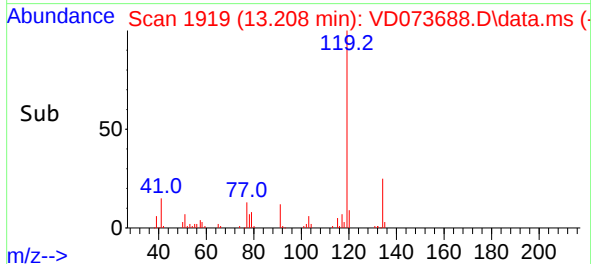
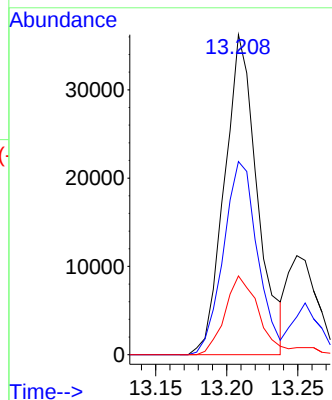
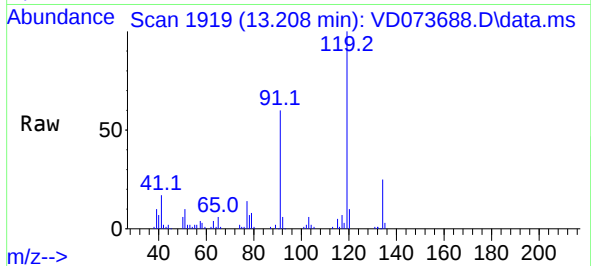




#83
tert-Butylbenzene
Concen: 4.828 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

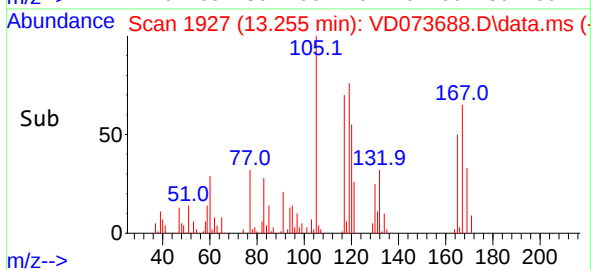
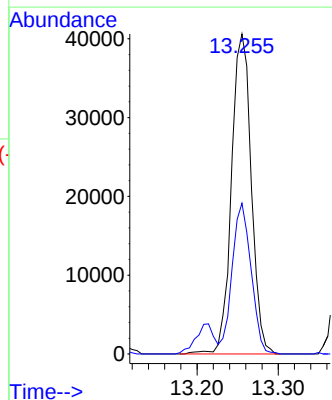
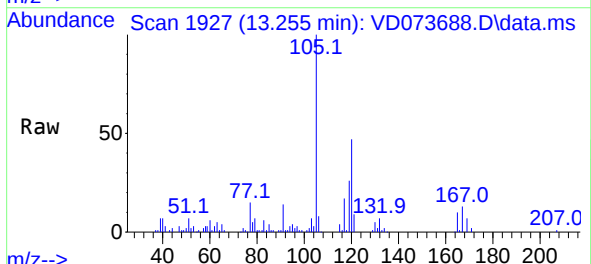
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

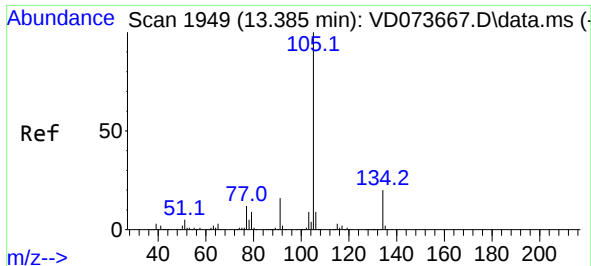
Tgt Ion:	119	Resp:	58279
Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.1	96.5
134	25.2	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 5.088 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	105	Resp:	68627
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8

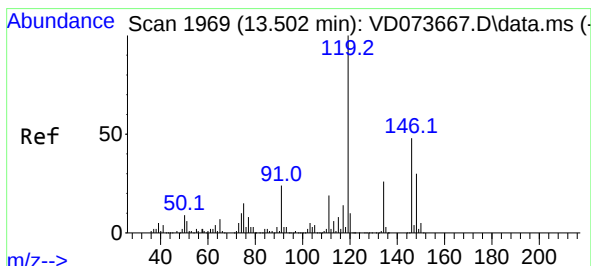
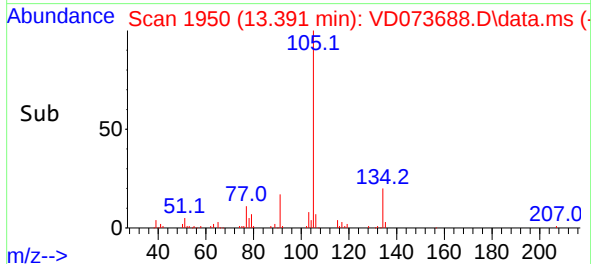
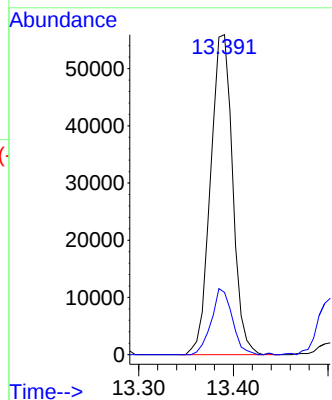
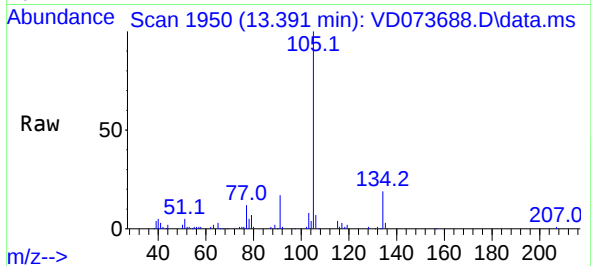




#85
 sec-Butylbenzene
 Concen: 5.114 ug/l
 RT: 13.391 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VD073688.D
 Acq: 24 Jun 2022 15:28

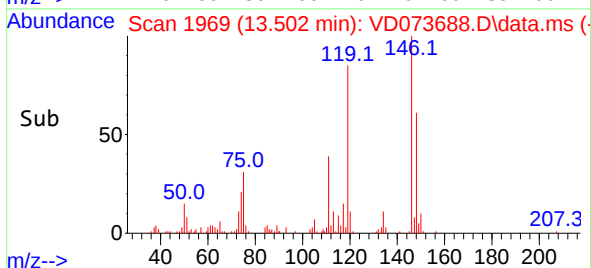
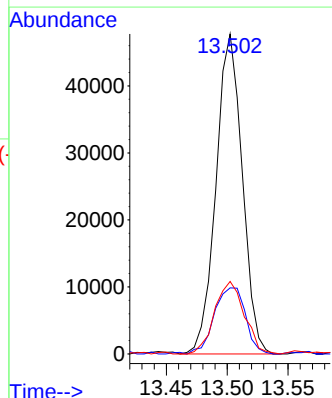
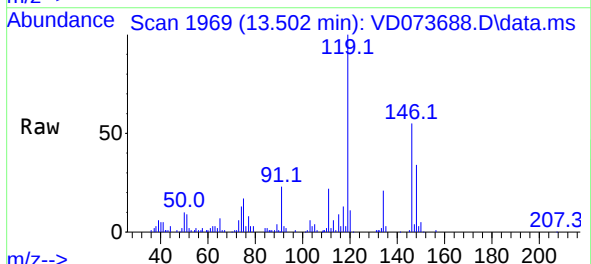
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

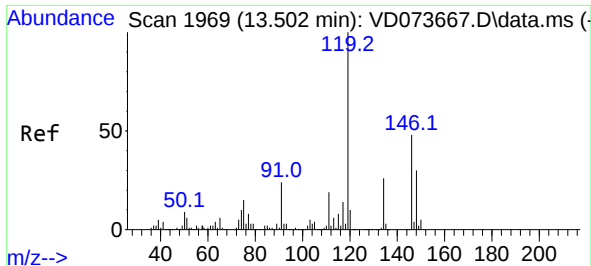
Tgt Ion:105 Resp: 90789
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 4.851 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073688.D
 Acq: 24 Jun 2022 15:28

Tgt Ion:119 Resp: 71691
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 25.7 12.1 36.3

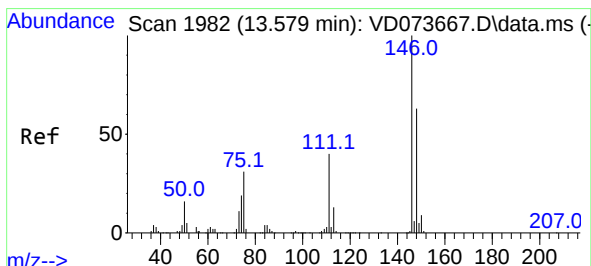
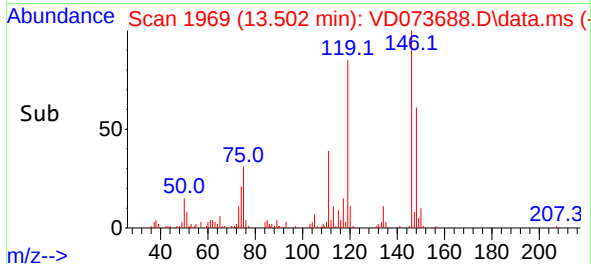
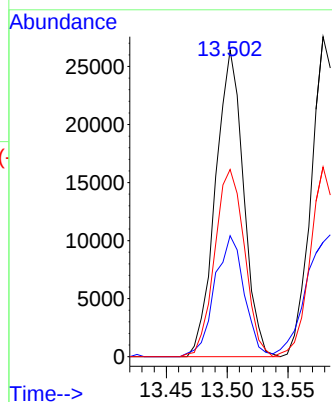
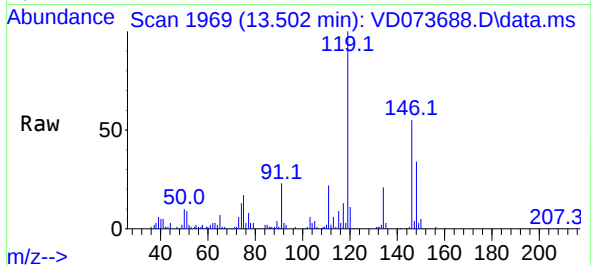




#87
1,3-Dichlorobenzene
Concen: 5.272 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

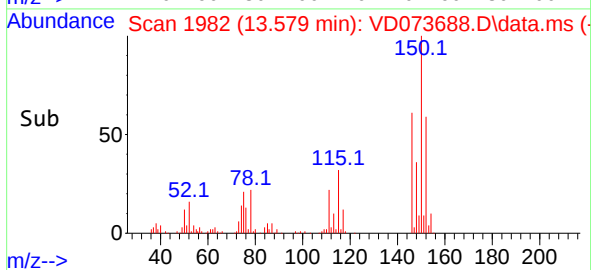
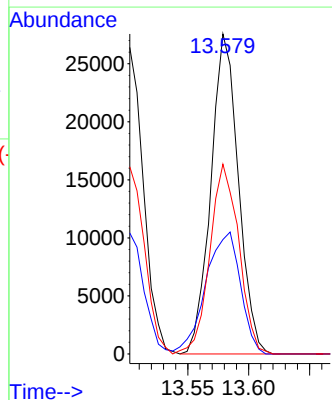
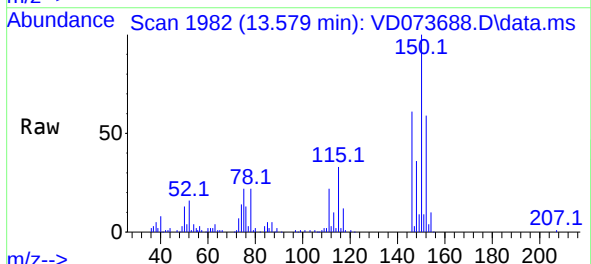
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

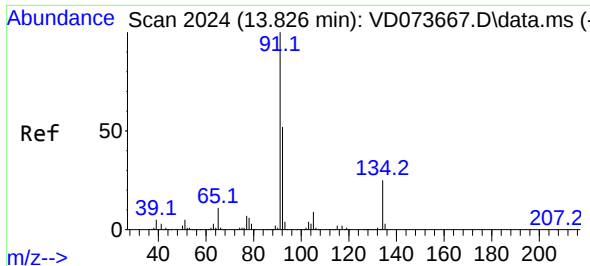
Tgt Ion:	146	Resp:	42285
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.3	60.9
148	64.9	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 5.456 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	146	Resp:	43314
Ion Ratio	Lower	Upper	
146	100		
111	48.0	19.6	58.8
148	62.3	31.8	95.3





#89

n-Butylbenzene

Concen: 4.930 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

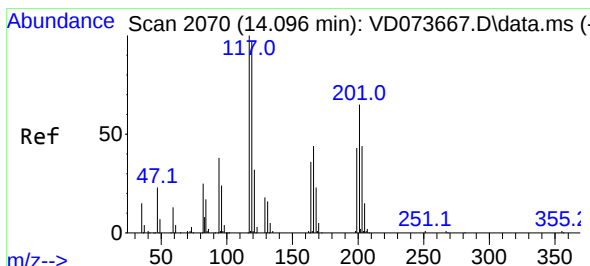
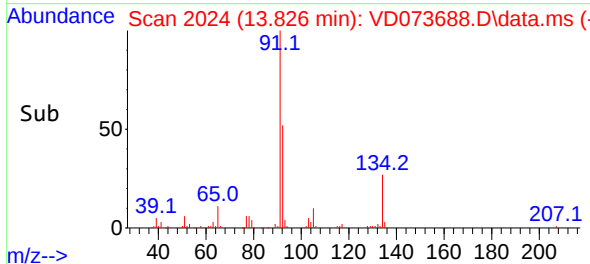
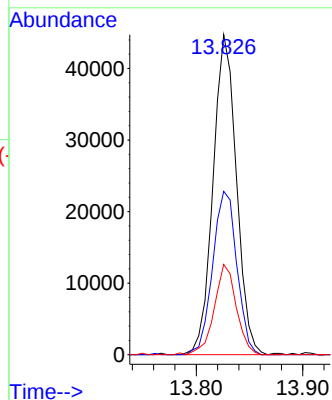
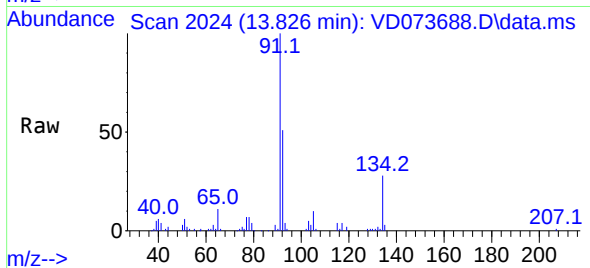
Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:	91	Resp:	68226
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	26.7	12.7	38.0



#90

Hexachloroethane

Concen: 5.288 ug/l

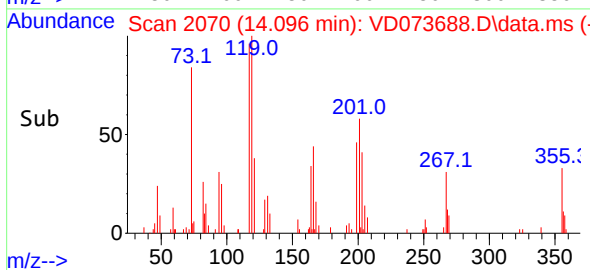
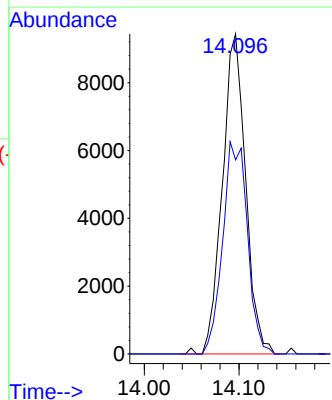
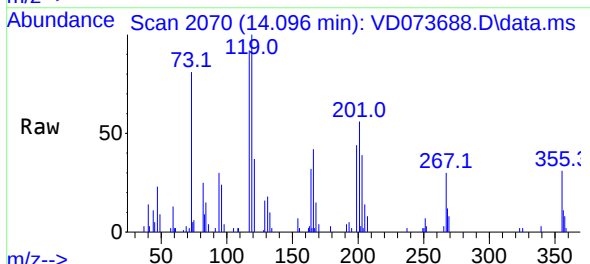
RT: 14.096 min Scan# 2070

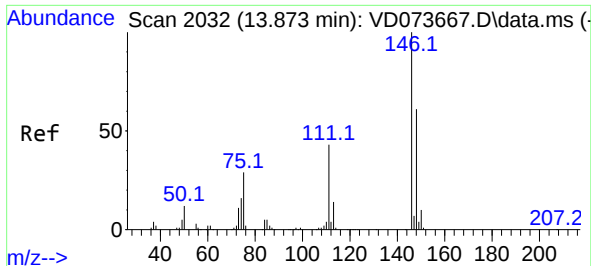
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Tgt Ion:	117	Resp:	16110
Ion	Ratio	Lower	Upper
117	100		
201	70.3	33.8	101.4

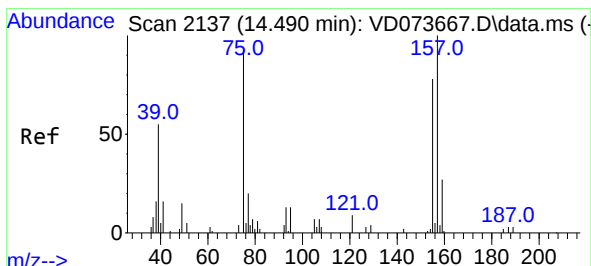
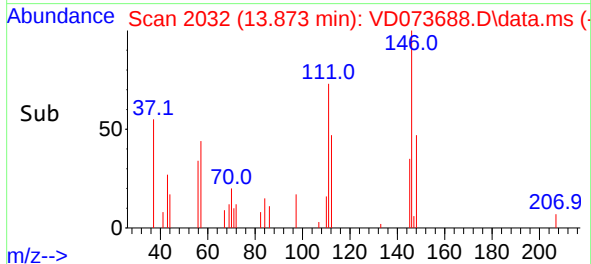
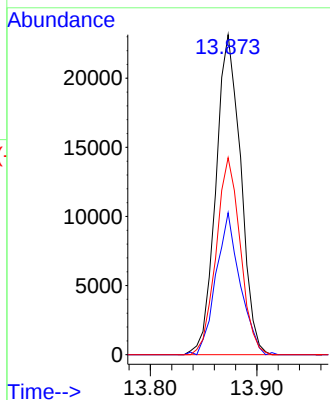
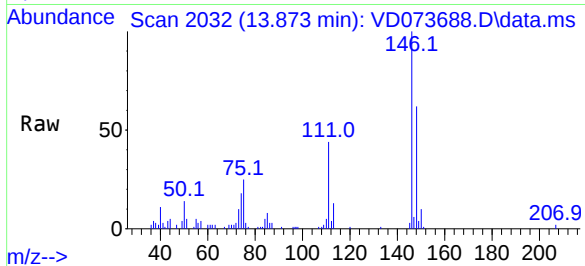




#91
1,2-Dichlorobenzene
Concen: 5.432 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

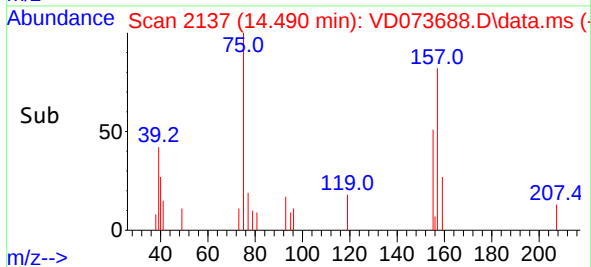
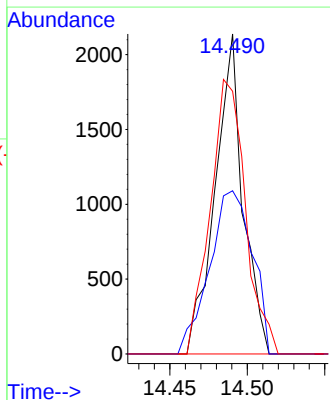
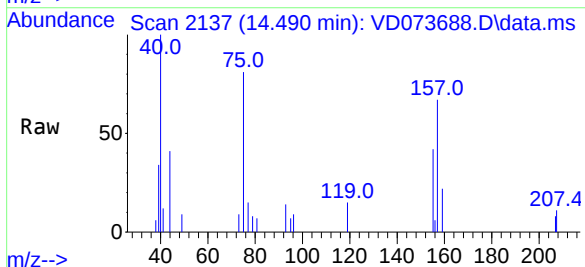
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

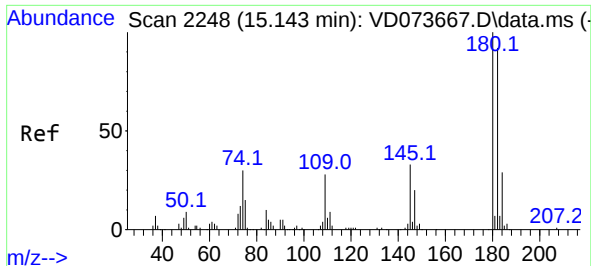
Tgt Ion:	146	Resp:	37486
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.1	63.3
148	59.9	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.289 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	75	Resp:	2668
Ion Ratio	Lower	Upper	
75	100		
155	78.5	41.2	123.6
157	108.5	55.5	166.5

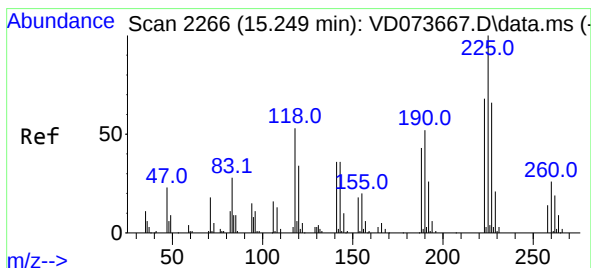
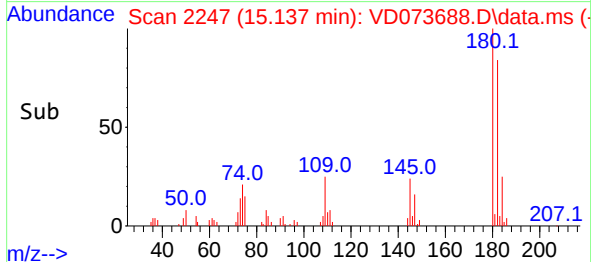
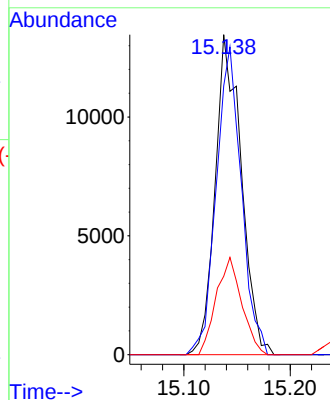
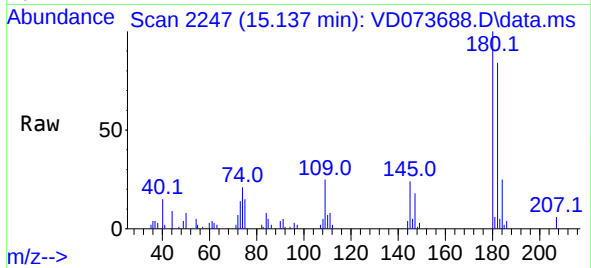




#93
1,2,4-Trichlorobenzene
Concen: 5.550 ug/l
RT: 15.137 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

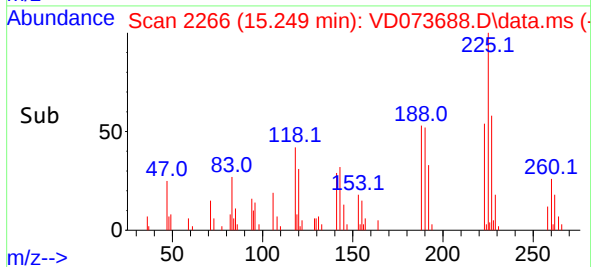
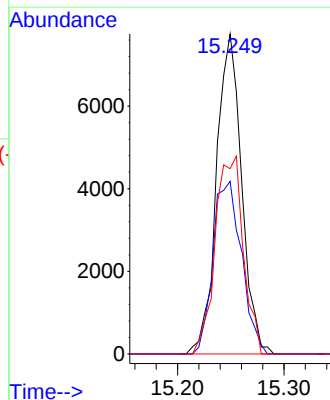
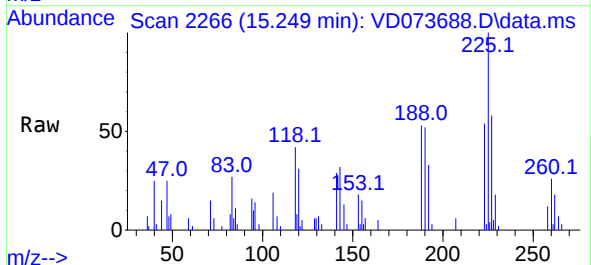
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

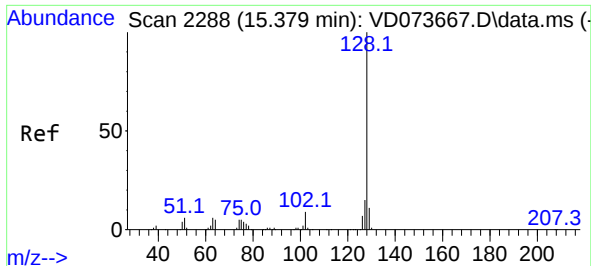
Tgt Ion:180 Resp: 22876
Ion Ratio Lower Upper
180 100
182 92.7 48.0 144.0
145 29.8 16.2 48.5



#94
Hexachlorobutadiene
Concen: 5.414 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:225 Resp: 12652
Ion Ratio Lower Upper
225 100
223 61.5 32.6 97.8
227 69.0 32.6 97.8

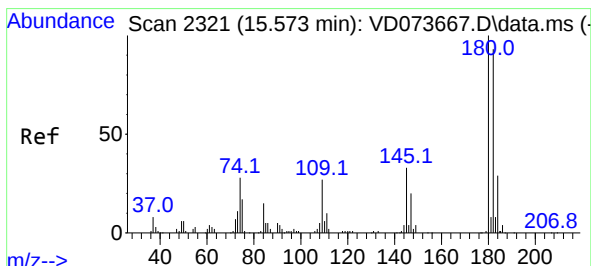
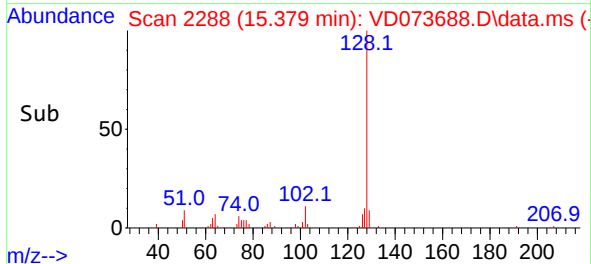
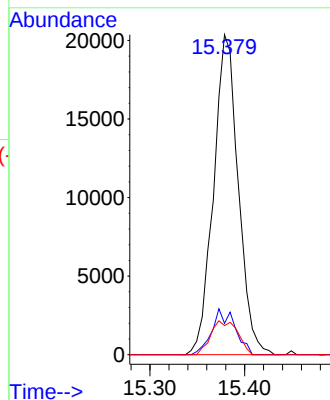
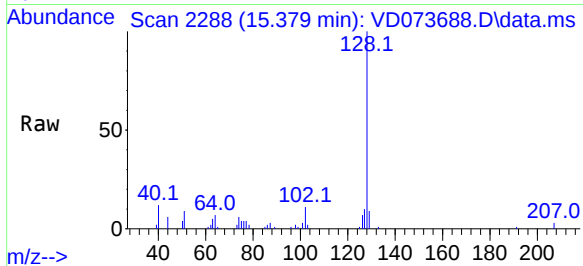




#95
Naphthalene
Concen: 5.018 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

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

Tgt Ion:	128	Resp:	36973
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.5	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 5.306 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073688.D
Acq: 24 Jun 2022 15:28

Tgt Ion:	180	Resp:	19105
Ion Ratio	Lower	Upper	
180	100		
182	91.6	49.0	147.0
145	33.3	17.6	52.8

