

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074193.D
 Acq On : 23 Aug 2022 19:14
 Operator : VA/SY
 Sample : N3980-02 5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Aug 24 06:10:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 06:08:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	148021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	244726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72380	47.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.903	113	80761	49.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.326	98	243103	46.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.620	95	101352	48.697	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	14526	11.694	ug/l	98
3) Chloromethane	2.209	50	5016	5.668	ug/l	94
4) Vinyl Chloride	2.338	62	4720	5.080	ug/l #	86
5) Bromomethane	2.762	94	3619	6.032	ug/l	88
6) Chloroethane	2.909	64	3095	5.133	ug/l #	84
7) Trichlorofluoromethane	3.268	101	15154	5.615	ug/l	96
8) Diethyl Ether	3.703	74	3422	4.718	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	9278	5.681	ug/l	93
10) Methyl Iodide	4.291	142	7956	4.441	ug/l	99
11) Tert butyl alcohol	5.232	59	2419	25.682	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	7819	5.354	ug/l	85
13) Acrolein	3.921	56	1302	29.446	ug/l #	69
14) Allyl chloride	4.703	41	11912	5.210	ug/l #	92
15) Acrylonitrile	5.420	53	9686	28.722	ug/l	97
16) Acetone	4.162	43	8651	30.021	ug/l	98
17) Carbon Disulfide	4.403	76	19041	4.453	ug/l	98
18) Methyl Acetate	4.726	43	7597	8.363	ug/l #	87
19) Methyl tert-butyl Ether	5.479	73	18309	5.235	ug/l	92
20) Methylene Chloride	4.962	84	29607	13.117	ug/l #	80
21) trans-1,2-Dichloroethene	5.462	96	8419	4.930	ug/l	94
22) Diisopropyl ether	6.362	45	23053	4.916	ug/l #	93
23) Vinyl Acetate	6.297	43	39039	16.288	ug/l #	83
24) 1,1-Dichloroethane	6.256	63	16257	5.259	ug/l #	88
25) 2-Butanone	7.214	43	14407	32.295	ug/l	99
26) 2,2-Dichloropropane	7.197	77	15942	5.723	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	10594	5.520	ug/l	98
28) Bromochloromethane	7.544	49	5579	5.970	ug/l #	71
29) Tetrahydrofuran	7.562	42	7130	26.484	ug/l	89
30) Chloroform	7.703	83	18055	5.539	ug/l	100
31) Cyclohexane	7.973	56	14451	5.368	ug/l #	41
32) 1,1,1-Trichloroethane	7.897	97	16107	5.333	ug/l	99
36) 1,1-Dichloropropene	8.109	75	12689	5.129	ug/l	97
37) Ethyl Acetate	7.291	43	5705	5.848	ug/l	99
38) Carbon Tetrachloride	8.085	117	12834	4.829	ug/l	92
39) Methylcyclohexane	9.350	83	13295	4.709	ug/l #	85
40) Benzene	8.344	78	36291	5.204	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	2726	4.649	ug/l #	90
42) 1,2-Dichloroethane	8.409	62	11161	5.429	ug/l	100
43) Isopropyl Acetate	8.444	43	10224	5.210	ug/l #	88
44) Trichloroethene	9.097	130	10588	5.237	ug/l	79
45) 1,2-Dichloropropane	9.373	63	9254	5.316	ug/l	98
46) Dibromomethane	9.461	93	5582	5.747	ug/l	97
47) Bromodichloromethane	9.650	83	13379	5.296	ug/l #	96
48) Methyl methacrylate	9.450	41	4758	5.245	ug/l	88
49) 1,4-Dioxane	9.450	88	1067	96.818	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	24972	25.474	ug/l	94
52) Toluene	10.391	92	23745	5.179	ug/l	94
53) t-1,3-Dichloropropene	10.603	75	10997	4.800	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	13324	4.905	ug/l	92
55) 1,1,2-Trichloroethane	10.785	97	7602	5.723	ug/l	92
56) Ethyl methacrylate	10.650	69	7601	5.009	ug/l #	83
57) 1,3-Dichloropropane	10.932	76	11593	5.223	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.932	63	11851	25.801	ug/l	98
59) 2-Hexanone	10.973	43	17227	26.064	ug/l	97
60) Dibromochloromethane	11.126	129	9427	5.465	ug/l	98
61) 1,2-Dibromoethane	11.232	107	6593	5.088	ug/l	96
64) Tetrachloroethene	10.867	164	9527	5.542	ug/l	95
65) Chlorobenzene	11.655	112	26236	5.110	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	10036	5.199	ug/l	95
67) Ethyl Benzene	11.732	91	41341	4.705	ug/l	98
68) m/p-Xylenes	11.844	106	31502	9.001	ug/l	96
69) o-Xylene	12.167	106	14165	4.386	ug/l	98
70) Styrene	12.179	104	24588	4.441	ug/l	99
71) Bromoform	12.350	173	5148	4.904	ug/l #	98
73) Isopropylbenzene	12.467	105	38200	4.501	ug/l	97
74) N-amyl acetate	12.273	43	8439	4.571	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	8172	5.391	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	10020	8.754	ug/l #	100
77) Bromobenzene	12.749	156	10036	4.991	ug/l	98
78) n-propylbenzene	12.808	91	48448	4.667	ug/l	97
79) 2-Chlorotoluene	12.891	91	28580	4.768	ug/l	93
80) 1,3,5-Trimethylbenzene	12.944	105	33873	4.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	2178	4.893	ug/l #	81
82) 4-Chlorotoluene	12.991	91	29866	4.710	ug/l	94
83) tert-Butylbenzene	13.208	119	28038	4.565	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	31362	4.419	ug/l	94
85) sec-Butylbenzene	13.385	105	42460	4.573	ug/l	98
86) p-Isopropyltoluene	13.502	119	34732	4.534	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	19828	4.874	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	20556	5.016	ug/l	92
89) n-Butylbenzene	13.826	91	33352	4.593	ug/l	96
90) Hexachloroethane	14.091	117	7565	4.867	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	17629	4.984	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1303	5.250	ug/l	88
93) 1,2,4-Trichlorobenzene	15.138	180	10558	4.891	ug/l	95
94) Hexachlorobutadiene	15.243	225	5757	4.752	ug/l	91
95) Naphthalene	15.373	128	17604	4.507	ug/l	95
96) 1,2,3-Trichlorobenzene	15.567	180	9040	4.802	ug/l	100

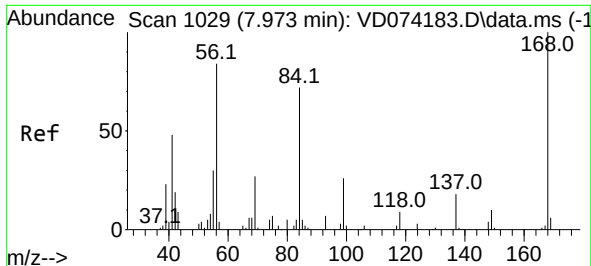
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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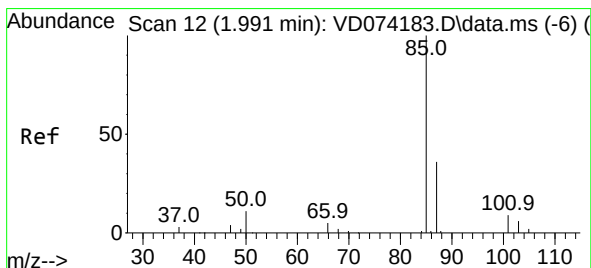
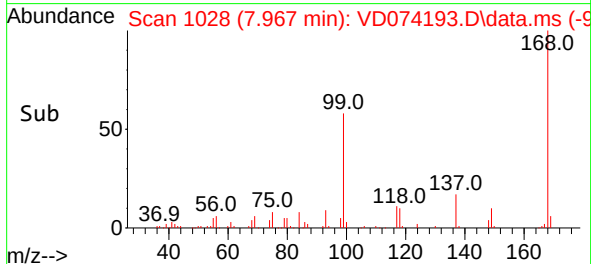
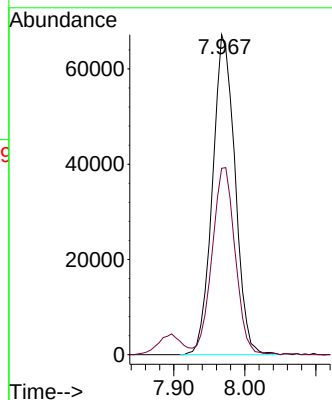
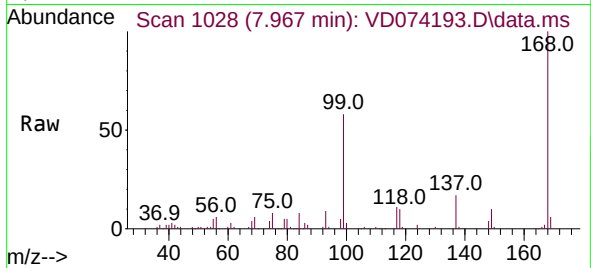
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074193.D
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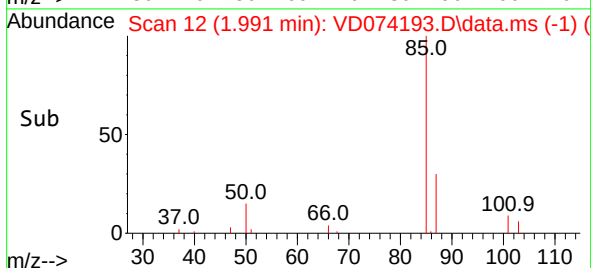
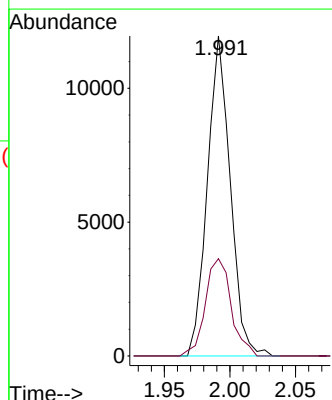
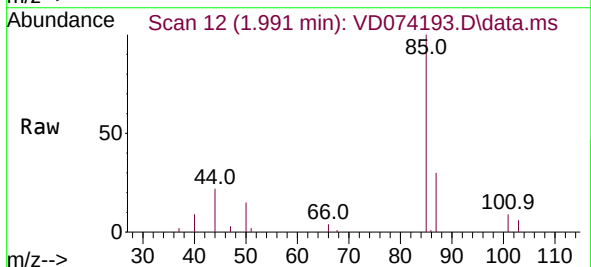
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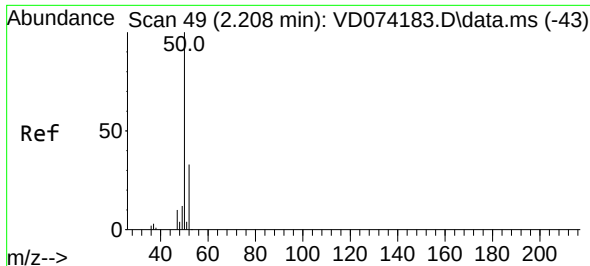
Tgt Ion:168 Resp: 148021
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 11.694 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 85 Resp: 14526
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0

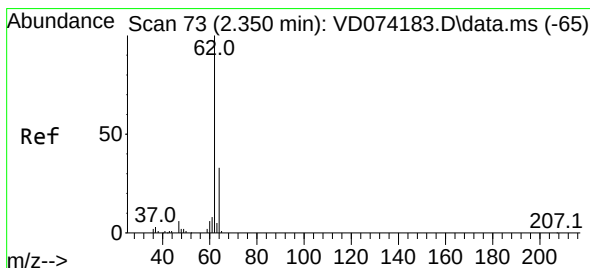
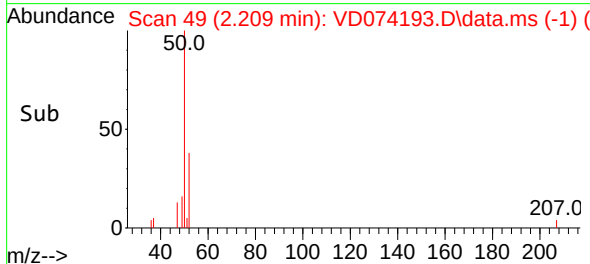
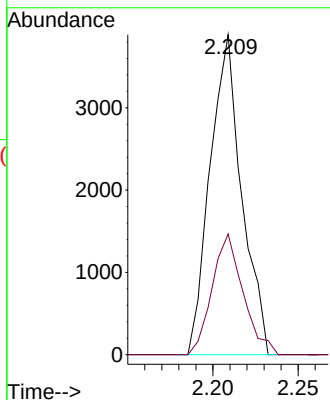
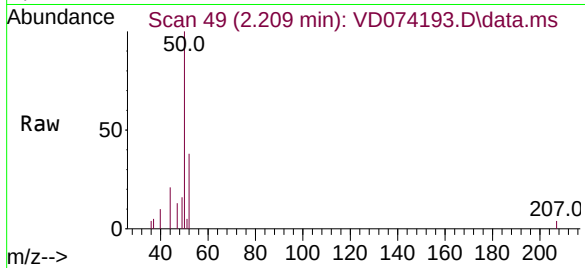




#3
Chloromethane
Concen: 5.668 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

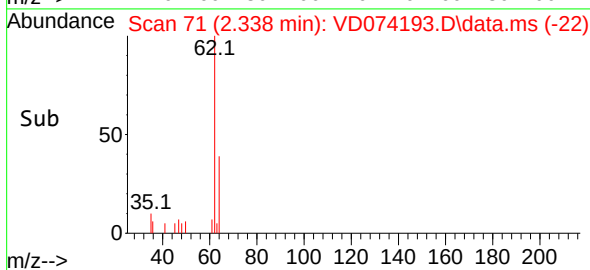
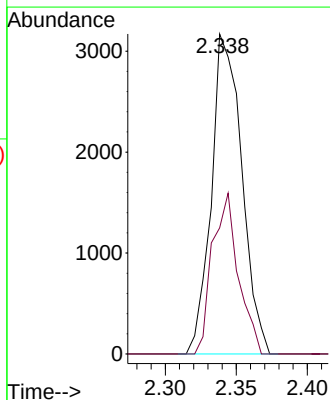
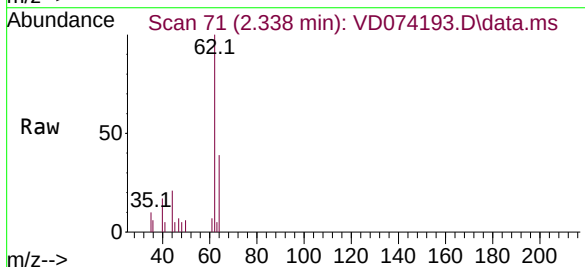
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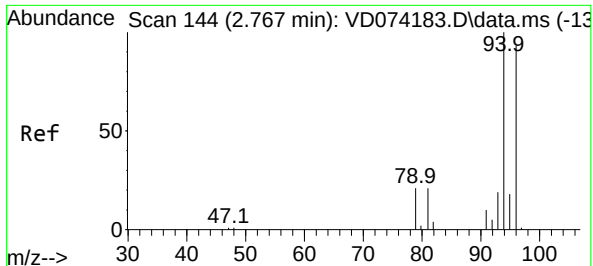
Tgt Ion: 50 Resp: 5016
Ion Ratio Lower Upper
50 100
52 37.7 27.4 41.0



#4
Vinyl Chloride
Concen: 5.080 ug/l
RT: 2.338 min Scan# 71
Delta R.T. -0.012 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 62 Resp: 4720
Ion Ratio Lower Upper
62 100
64 39.4 25.4 38.0#

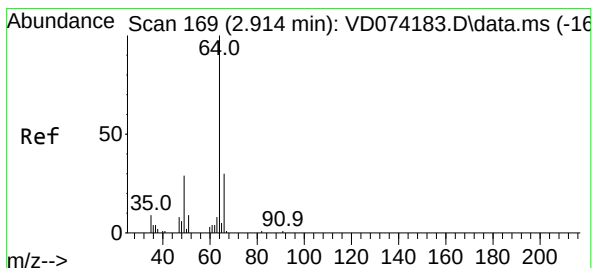
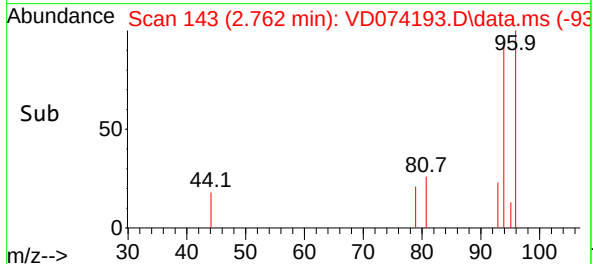
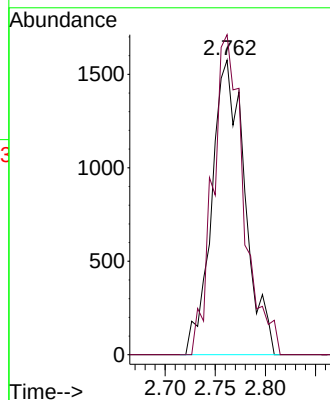
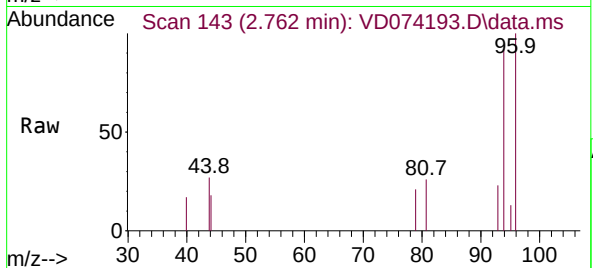




#5
Bromomethane
Concen: 6.032 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

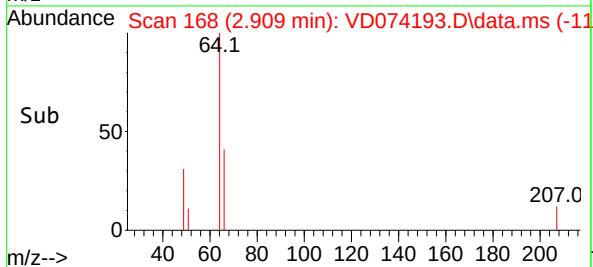
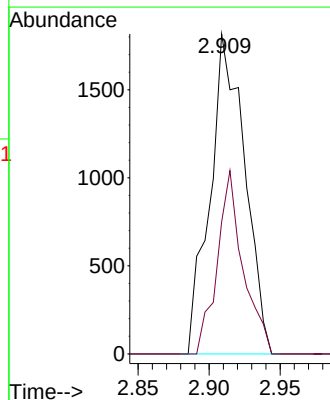
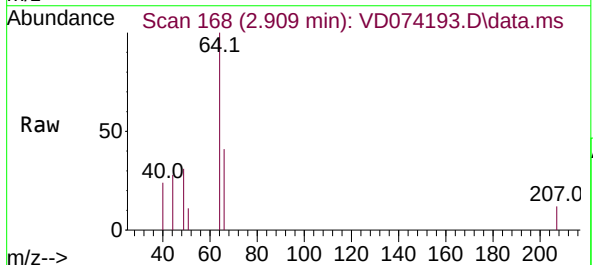
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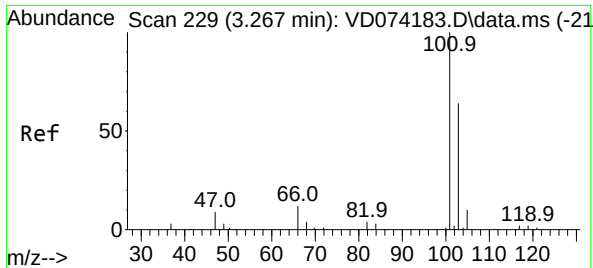
Tgt Ion: 94 Resp: 3619
Ion Ratio Lower Upper
94 100
96 108.6 77.6 116.4



#6
Chloroethane
Concen: 5.133 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 64 Resp: 3095
Ion Ratio Lower Upper
64 100
66 41.2 25.9 38.9

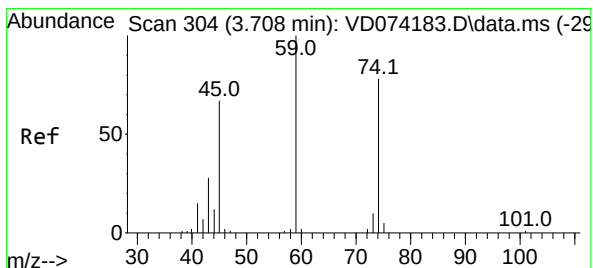
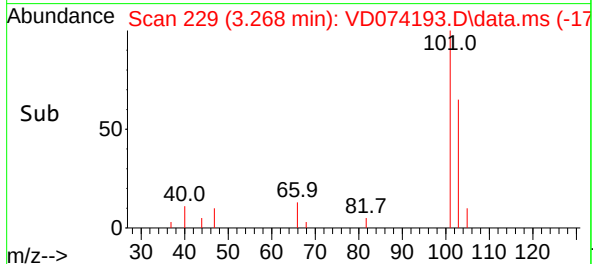
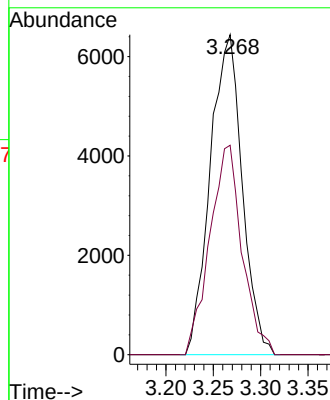
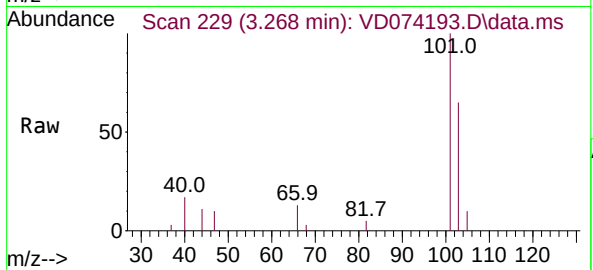




#7
 Trichlorofluoromethane
 Concen: 5.615 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. 0.001 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

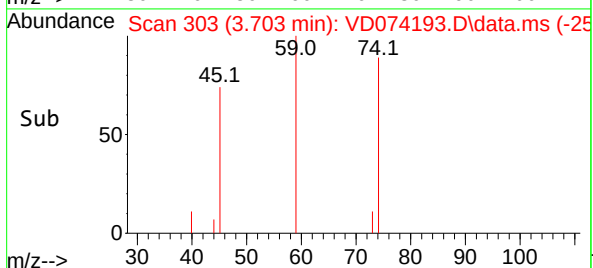
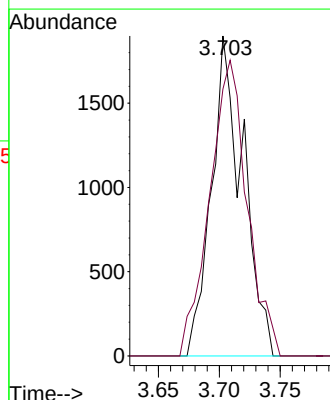
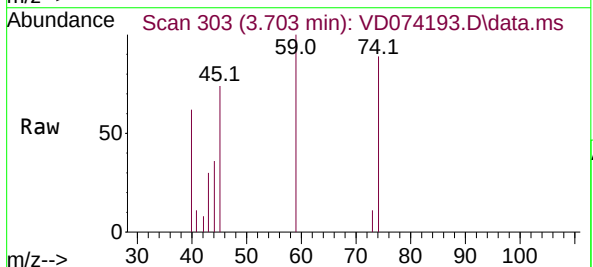
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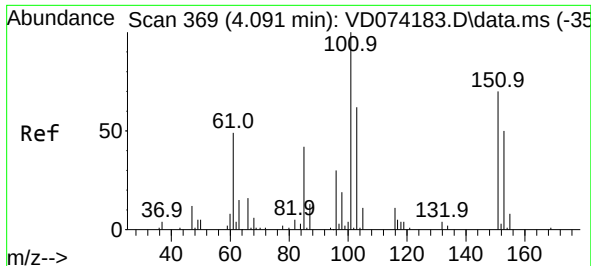
Tgt Ion:101 Resp: 15154
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 4.718 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.005 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

Tgt Ion: 74 Resp: 3422
 Ion Ratio Lower Upper
 74 100
 45 109.7 52.6 157.8

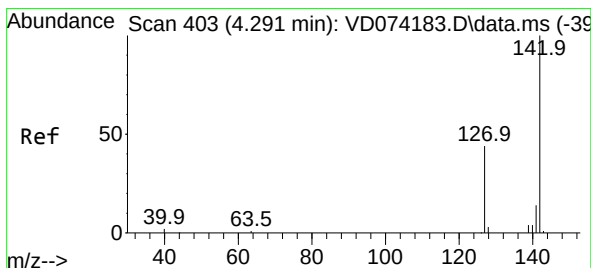
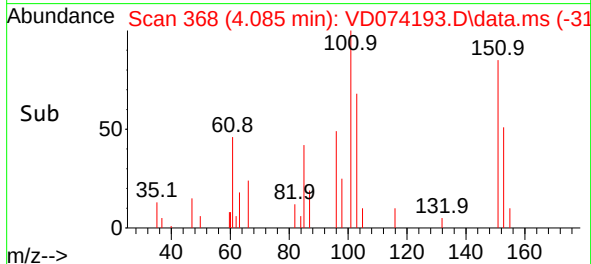
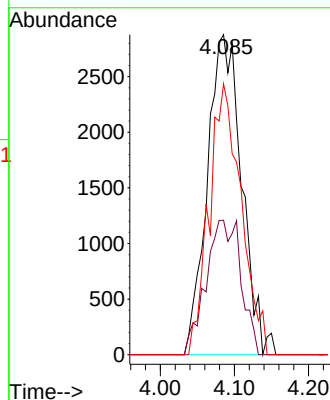
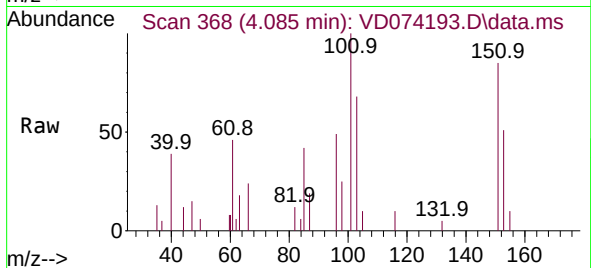




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.681 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074193.D
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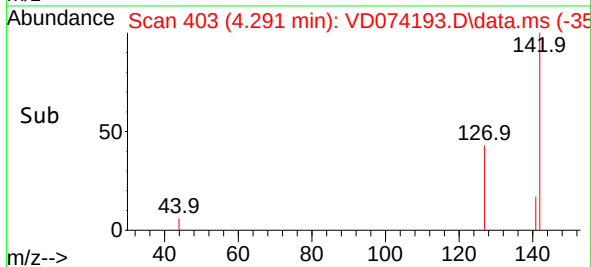
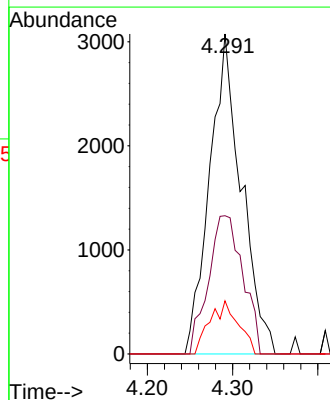
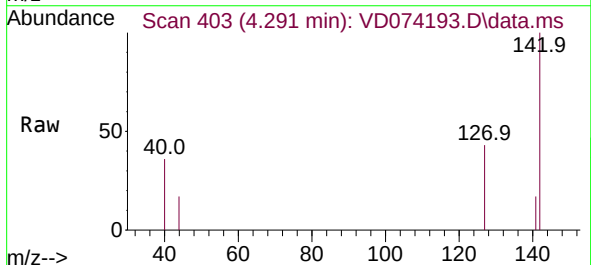
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

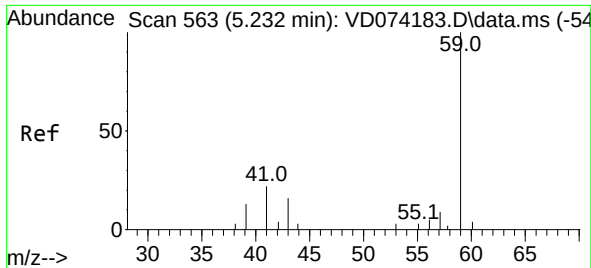
Tgt Ion:101 Resp: 9278
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 78.5 57.3 85.9



#10
Methyl Iodide
Concen: 4.441 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:142 Resp: 7956
Ion Ratio Lower Upper
142 100
127 46.9 37.3 55.9
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 25.682 ug/l

RT: 5.232 min Scan# 5

Delta R.T. 0.000 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

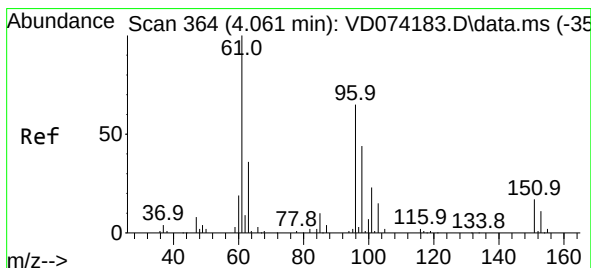
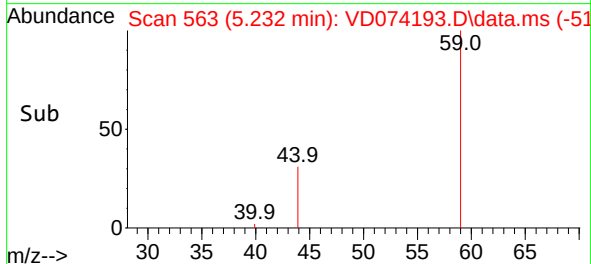
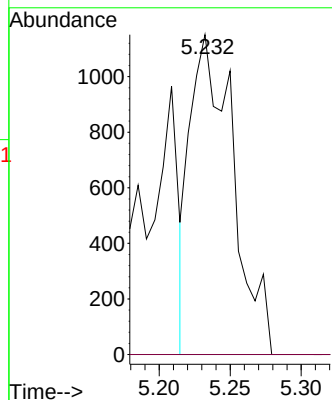
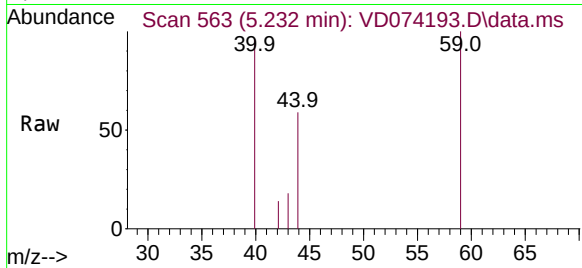
LOQ-SOIL-02-QT3-2022

Tgt Ion: 59 Resp: 2419

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 5.354 ug/l

RT: 4.062 min Scan# 364

Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

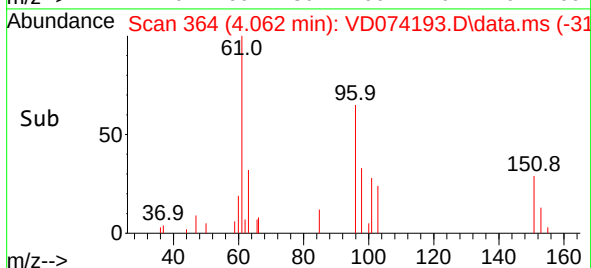
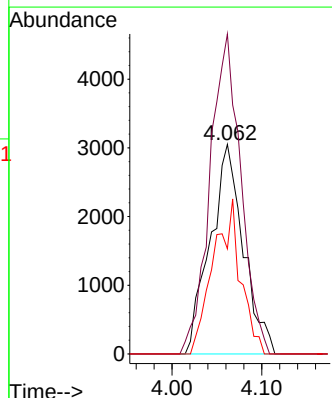
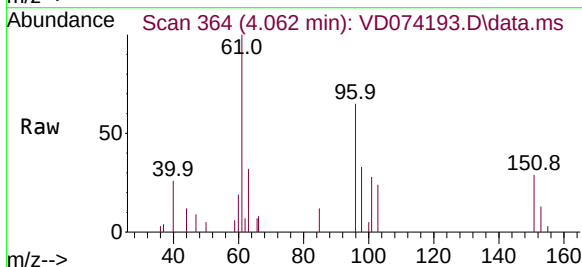
Tgt Ion: 96 Resp: 7819

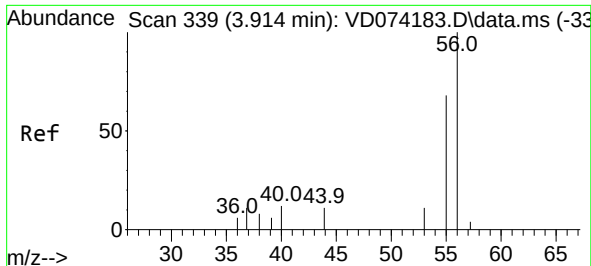
Ion Ratio Lower Upper

96 100

61 152.7 138.5 207.7

98 50.1 48.6 73.0

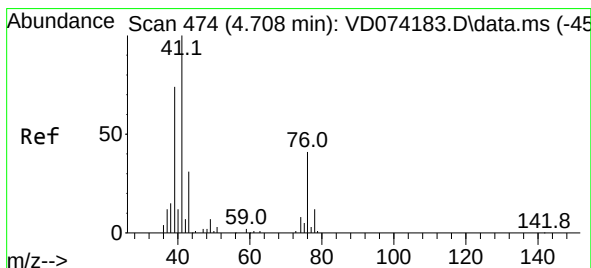
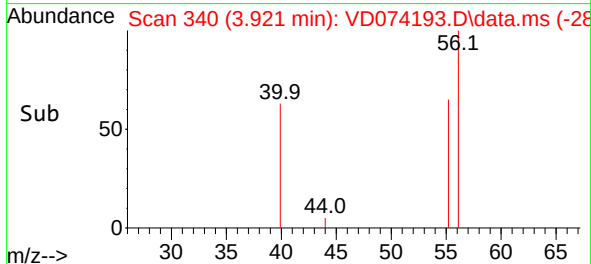
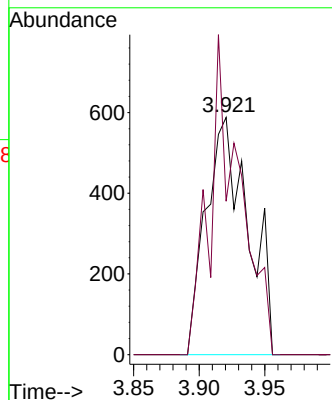
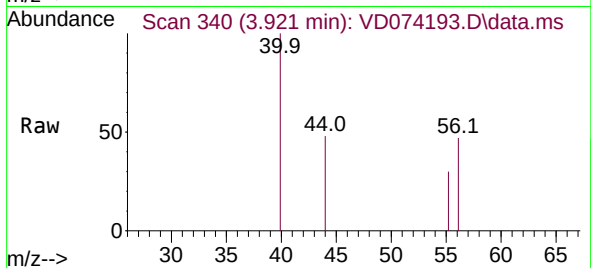




#13
Acrolein
Concen: 29.446 ug/l
RT: 3.921 min Scan# 34
Delta R.T. 0.007 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

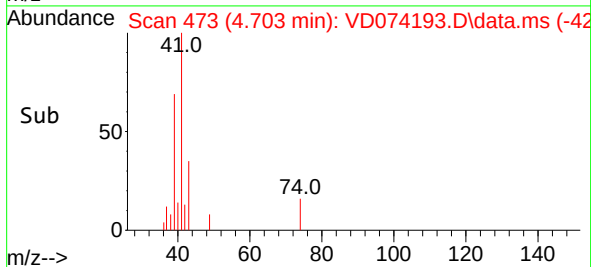
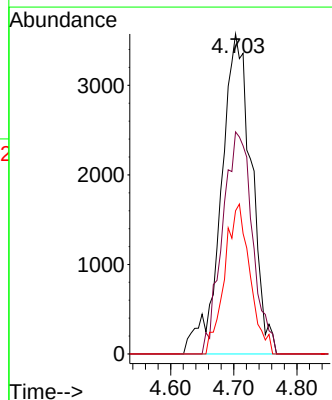
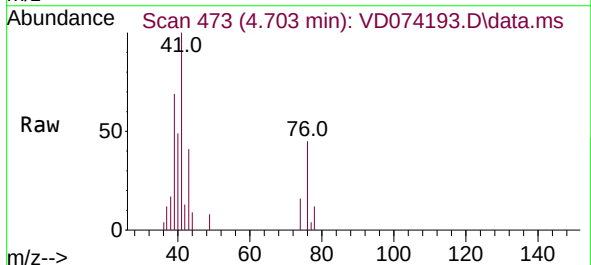
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

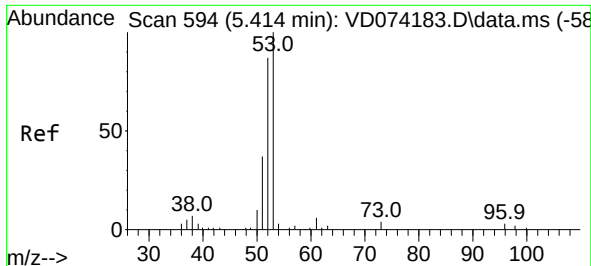
Tgt Ion: 56 Resp: 1302
Ion Ratio Lower Upper
56 100
55 97.1 57.1 85.7#



#14
Allyl chloride
Concen: 5.210 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 41 Resp: 11912
Ion Ratio Lower Upper
41 100
39 68.6 59.3 88.9
76 39.2 25.7 38.5#

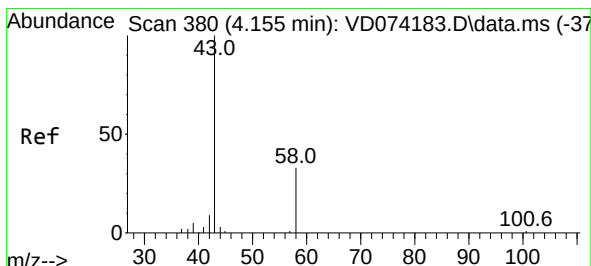
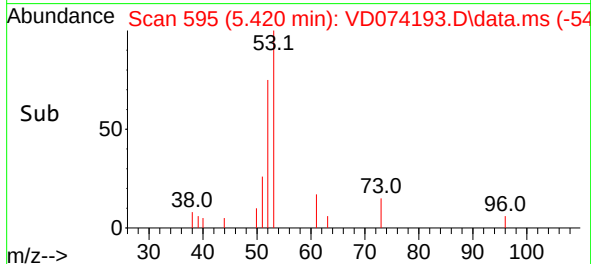
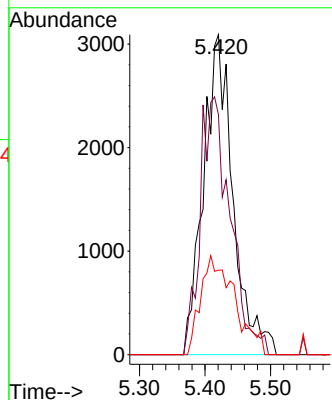
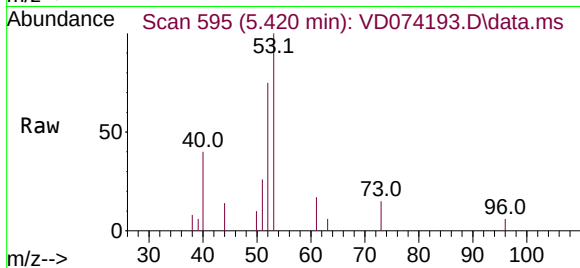




#15
Acrylonitrile
Concen: 28.722 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

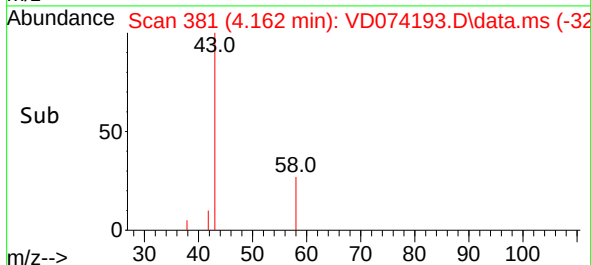
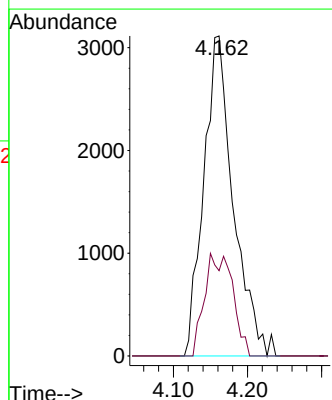
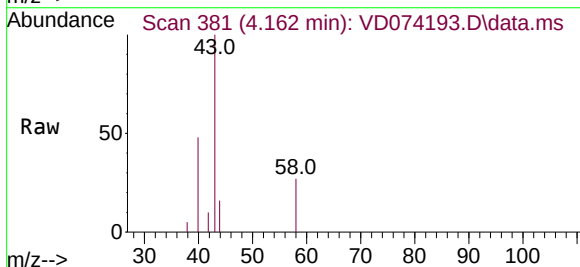
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

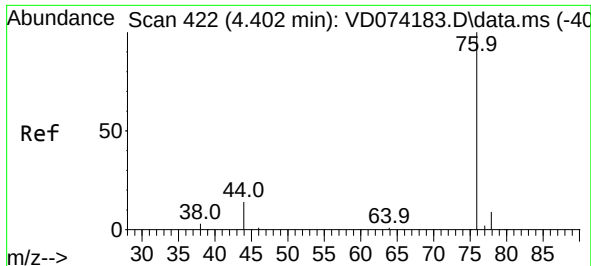
Tgt Ion:	53	Resp:	9686
Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.2	100.8
51	35.5	30.3	45.5



#16
Acetone
Concen: 30.021 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:	43	Resp:	8651
Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.1	33.1

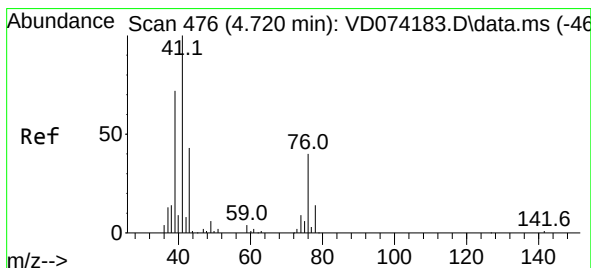
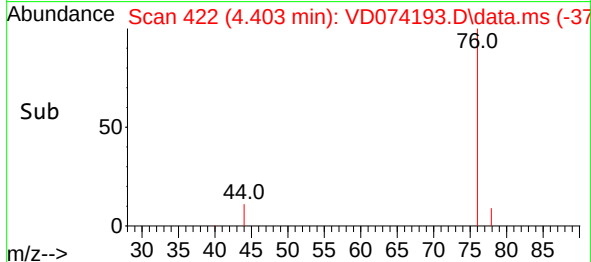
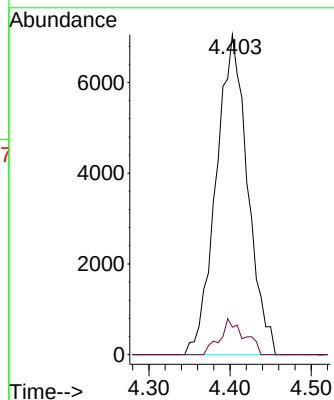
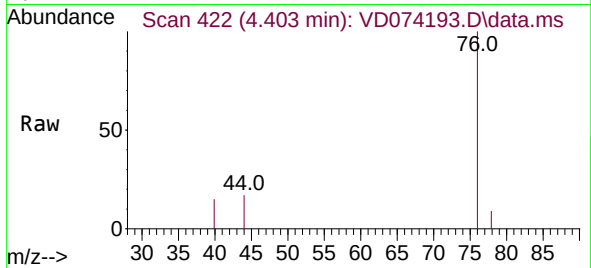




#17
Carbon Disulfide
Concen: 4.453 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

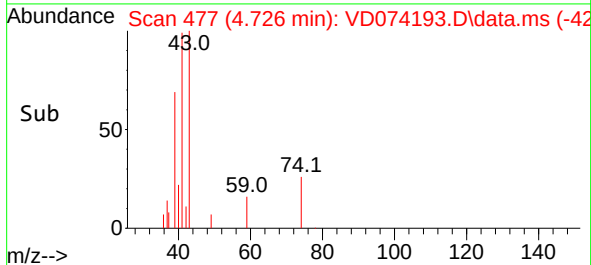
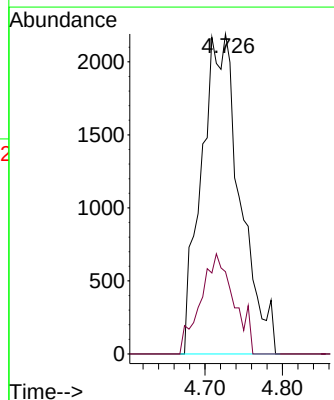
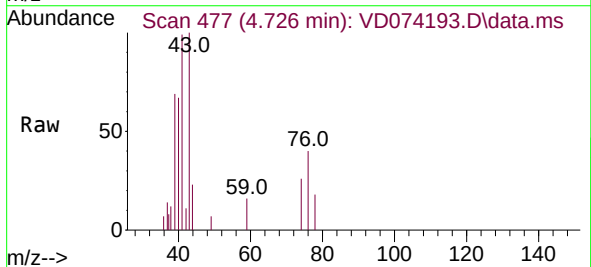
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

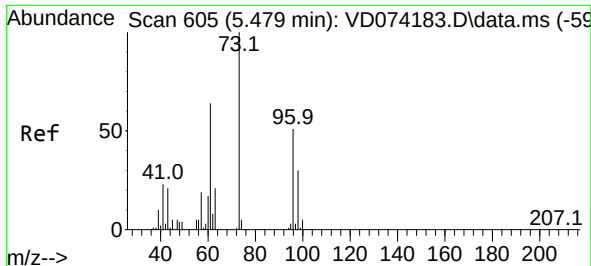
Tgt Ion: 76 Resp: 19041
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 8.363 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 43 Resp: 7597
Ion Ratio Lower Upper
43 100
74 27.1 16.7 25.1#

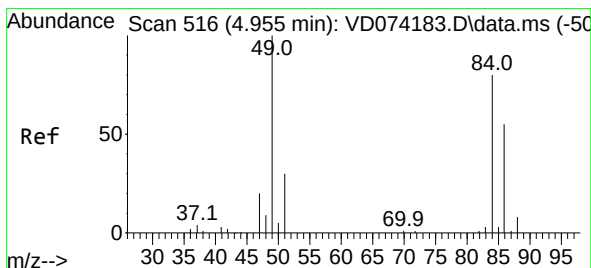
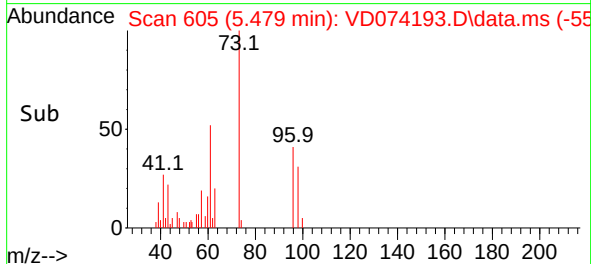
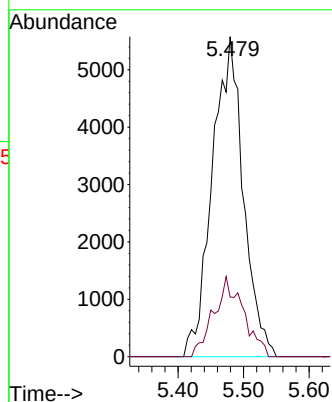
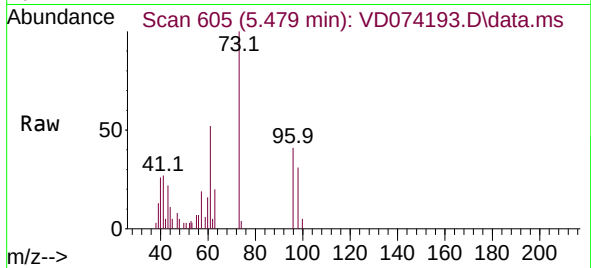




#19
Methyl tert-butyl Ether
Concen: 5.235 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

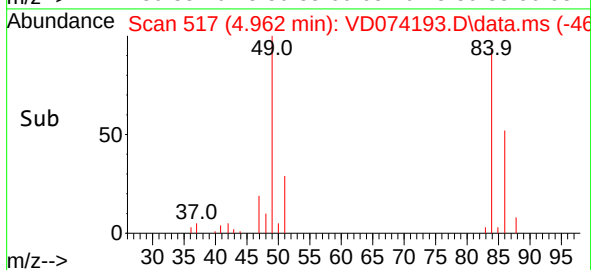
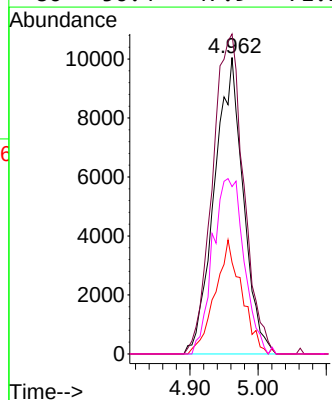
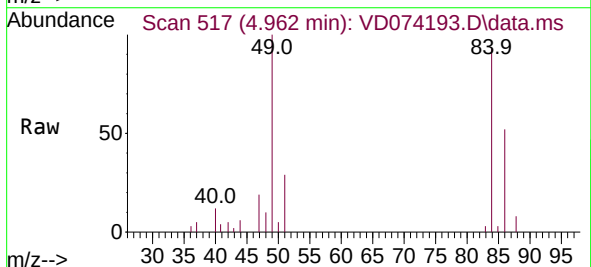
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

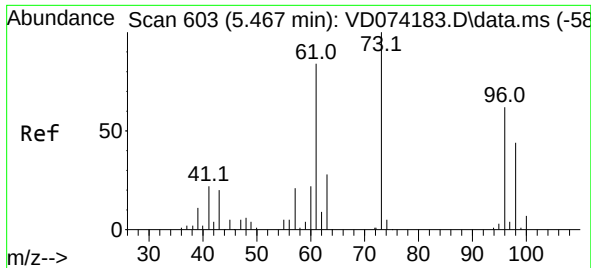
Tgt Ion: 73 Resp: 18309
Ion Ratio Lower Upper
73 100
57 18.6 18.0 27.0



#20
Methylene Chloride
Concen: 13.117 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.007 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 84 Resp: 29607
Ion Ratio Lower Upper
84 100
49 107.9 112.8 169.2#
51 30.9 32.6 48.8#
86 56.4 47.9 71.9

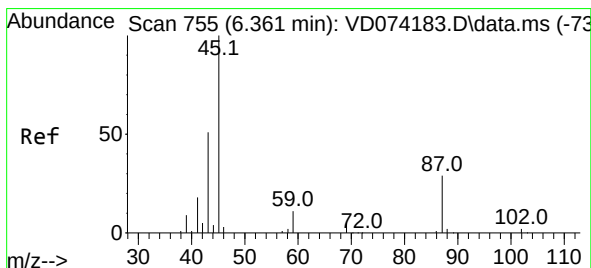
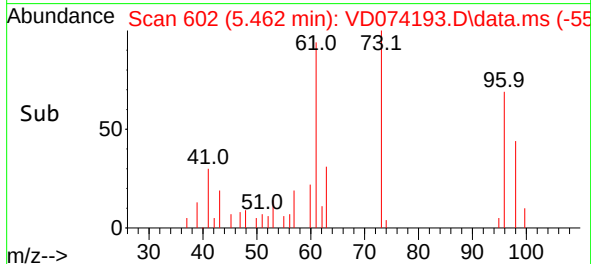
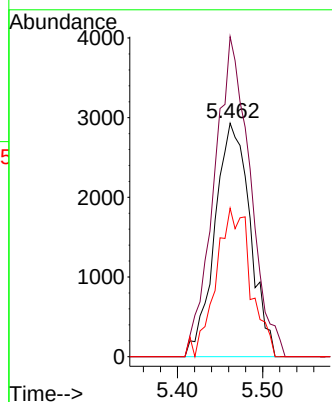
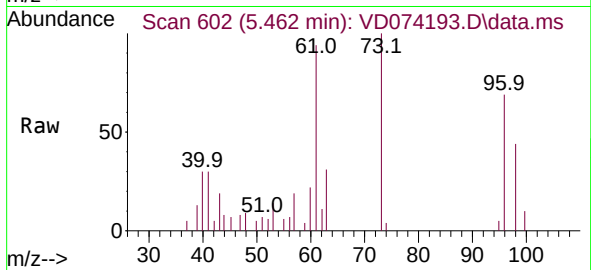




#21
trans-1,2-Dichloroethene
Concen: 4.930 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

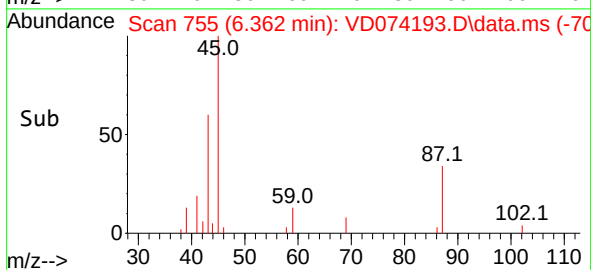
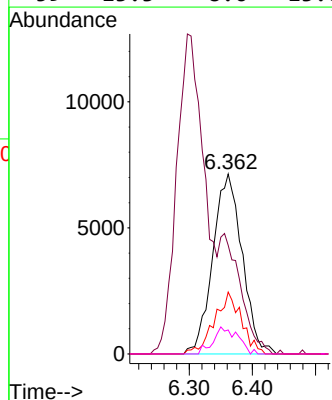
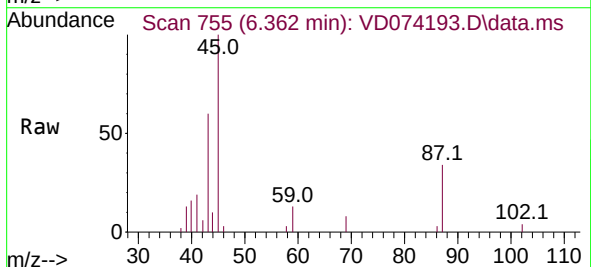
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

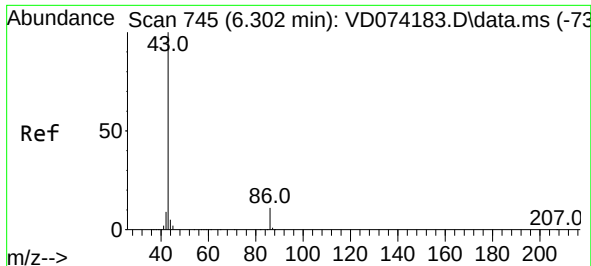
Tgt Ion: 96 Resp: 8419
Ion Ratio Lower Upper
96 100
61 137.1 117.9 176.9
98 63.6 49.4 74.2



#22
Diisopropyl ether
Concen: 4.916 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 45 Resp: 23053
Ion Ratio Lower Upper
45 100
43 58.2 46.6 70.0
87 34.4 18.4 27.6#
59 13.3 8.6 13.0#

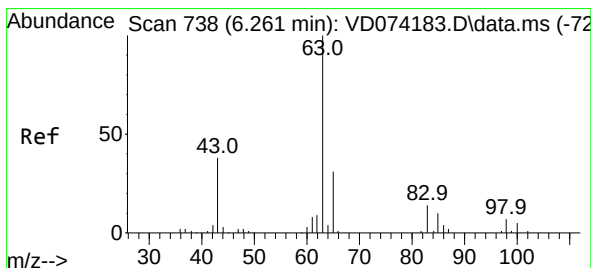
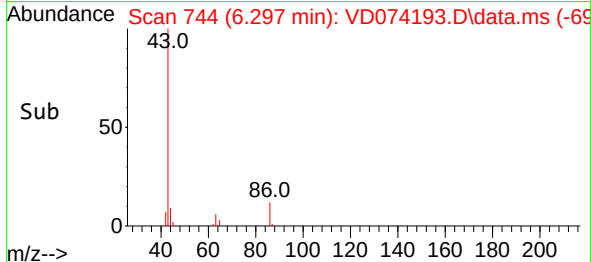
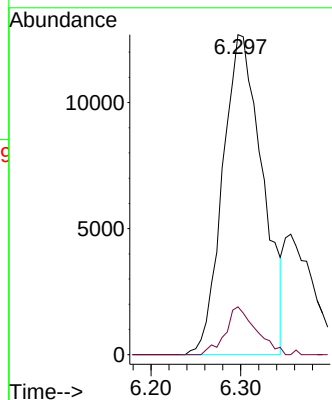
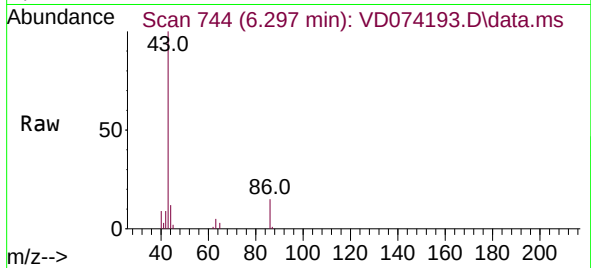




#23
 Vinyl Acetate
 Concen: 16.288 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.005 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

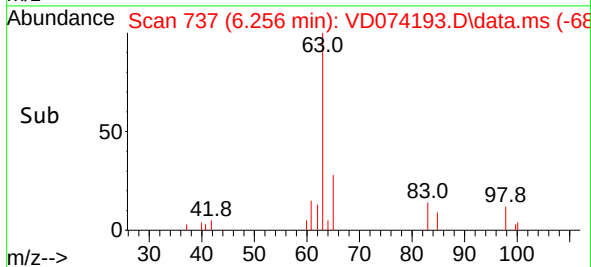
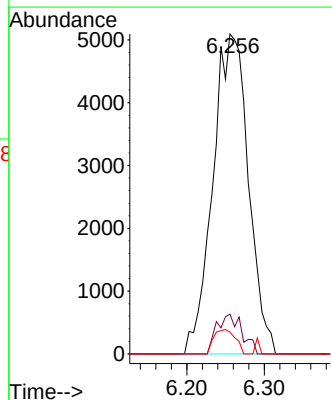
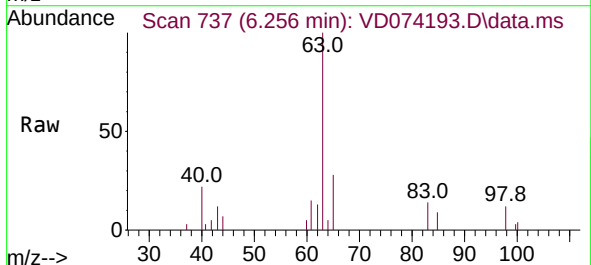
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

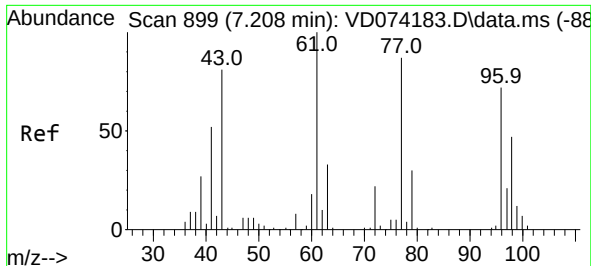
Tgt Ion: 43 Resp: 39039
 Ion Ratio Lower Upper
 43 100
 86 15.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.259 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

Tgt Ion: 63 Resp: 16257
 Ion Ratio Lower Upper
 63 100
 98 12.4 3.6 10.9#
 100 6.8 2.1 6.5#

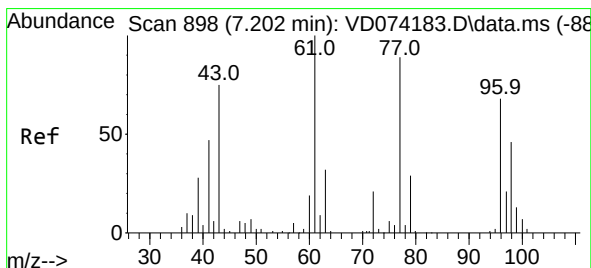
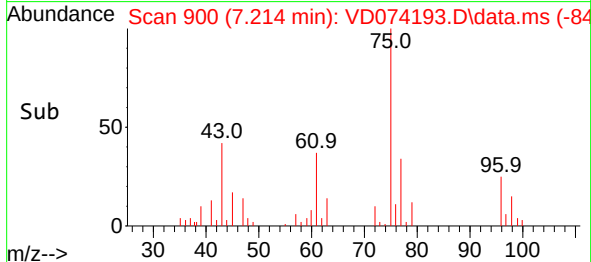
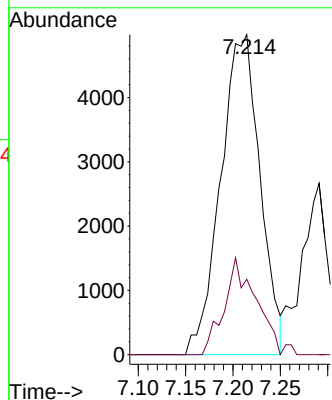
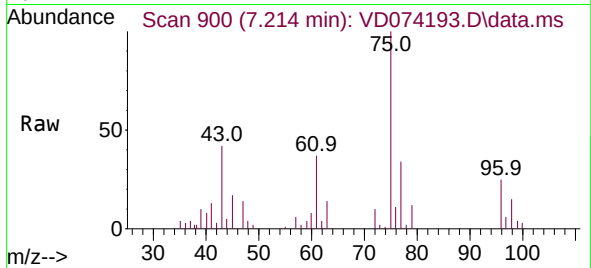




#25
2-Butanone
Concen: 32.295 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

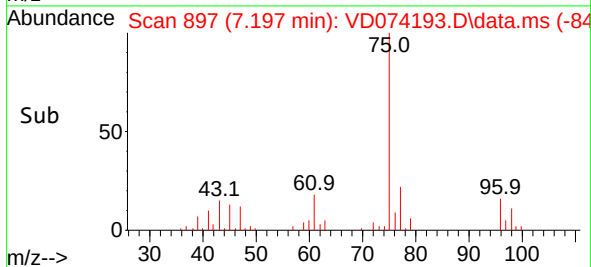
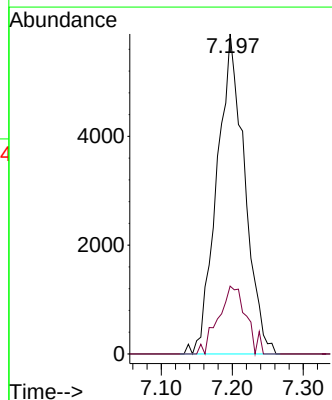
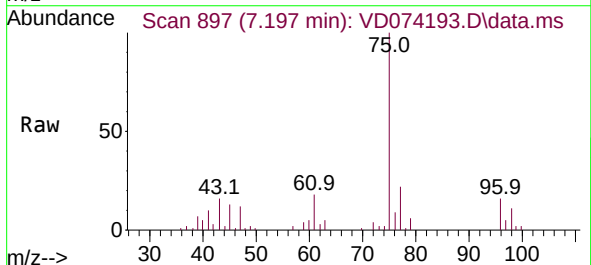
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

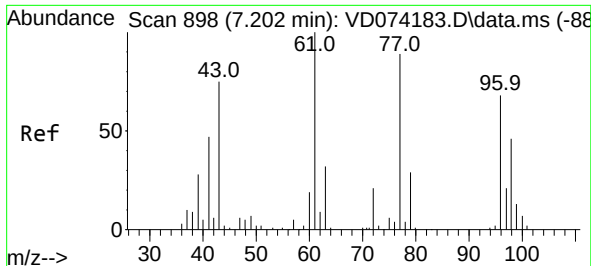
Tgt Ion: 43 Resp: 14407
Ion Ratio Lower Upper
43 100
72 23.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 5.723 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 77 Resp: 15942
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.4

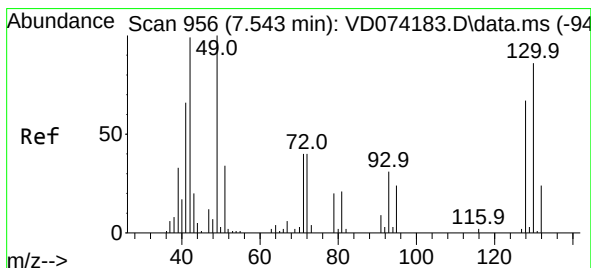
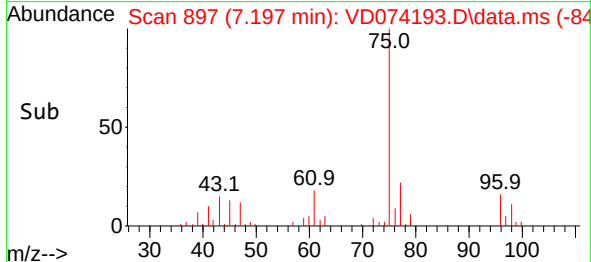
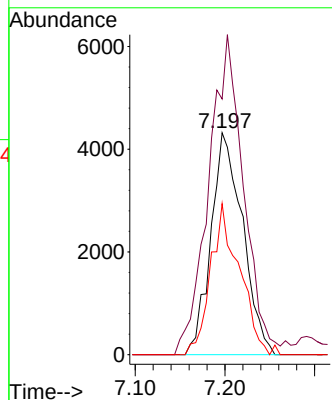
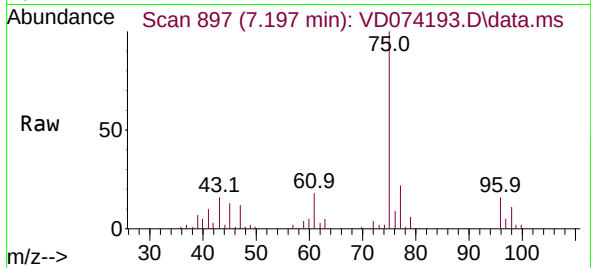




#27
 cis-1,2-Dichloroethene
 Concen: 5.520 ug/l
 RT: 7.197 min Scan# 898
 Delta R.T. -0.005 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

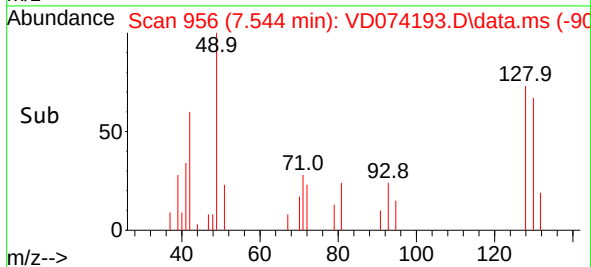
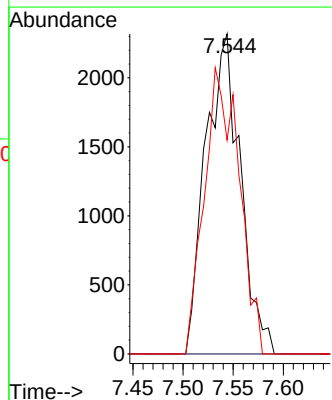
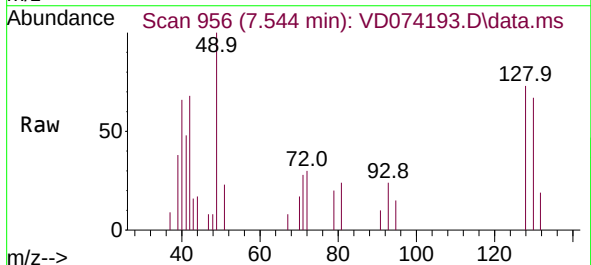
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

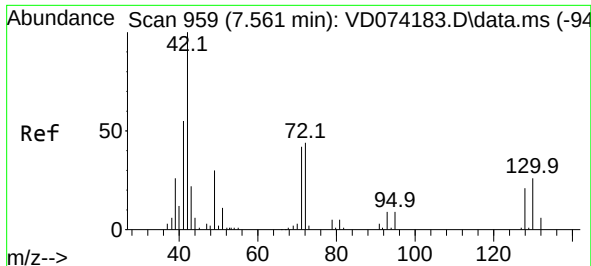
Tgt Ion: 96 Resp: 10594
 Ion Ratio Lower Upper
 96 100
 61 158.2 0.0 313.8
 98 62.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 5.970 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.001 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

Tgt Ion: 49 Resp: 5579
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 89.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 26.484 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

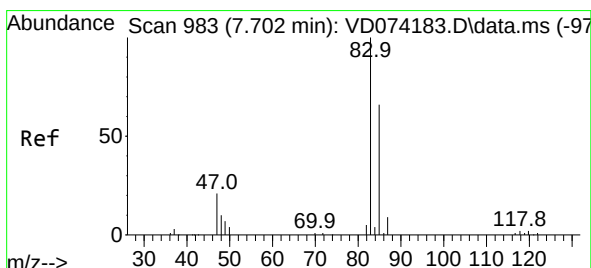
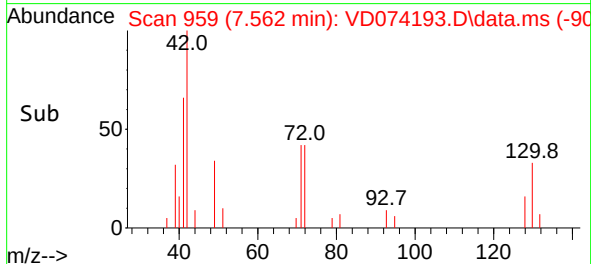
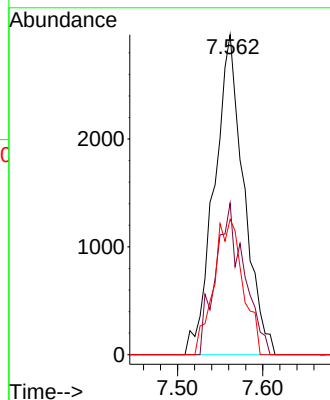
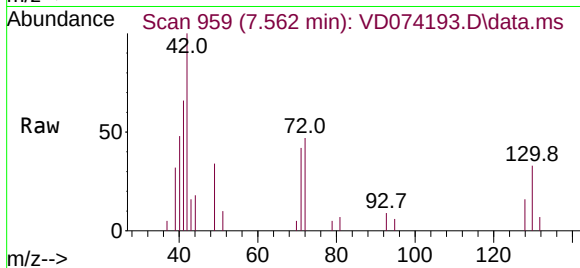
Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

Tgt Ion:	42	Resp:	7130
Ion	Ratio	Lower	Upper
42	100		
72	45.8	30.7	46.1
71	41.9	28.6	43.0



#30

Chloroform

Concen: 5.539 ug/l

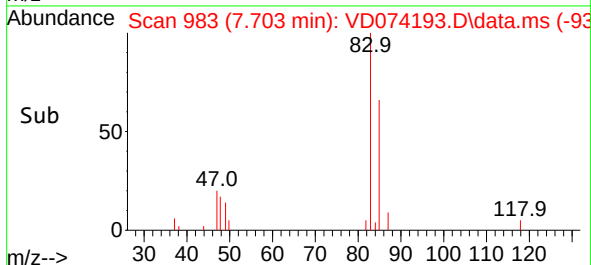
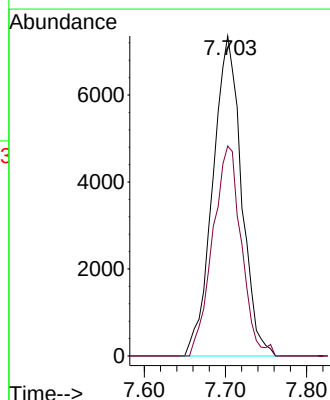
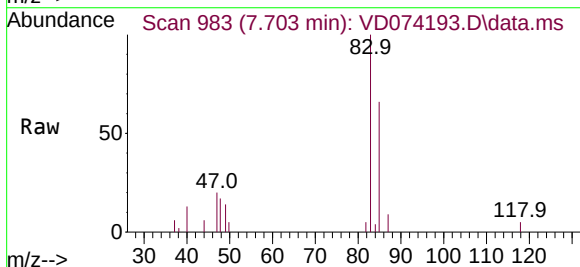
RT: 7.703 min Scan# 983

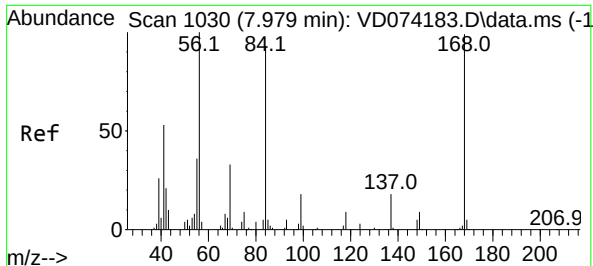
Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Tgt Ion:	83	Resp:	18055
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.7	79.1

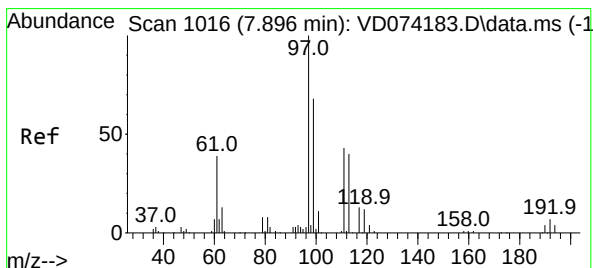
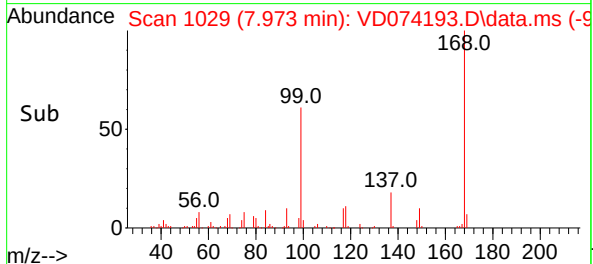
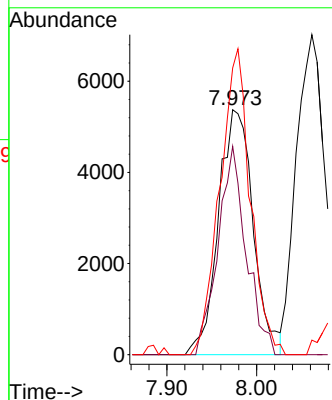
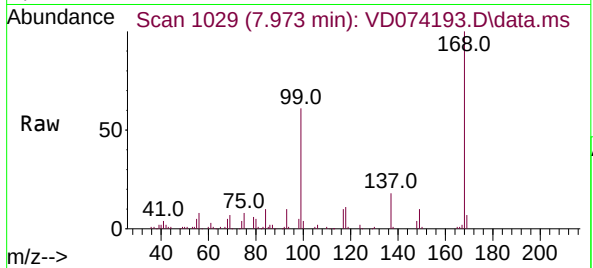




#31
Cyclohexane
Concen: 5.368 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

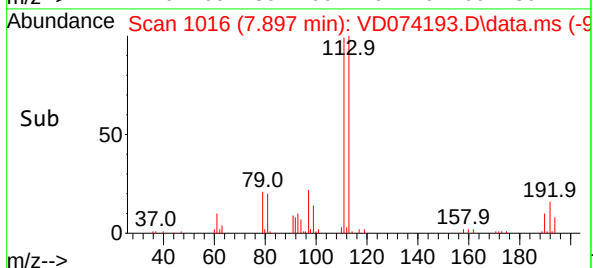
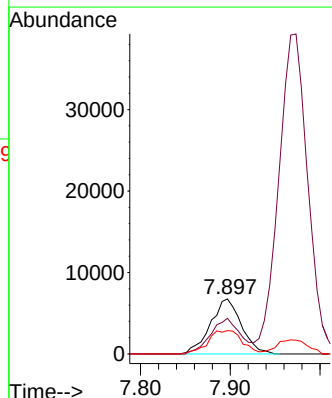
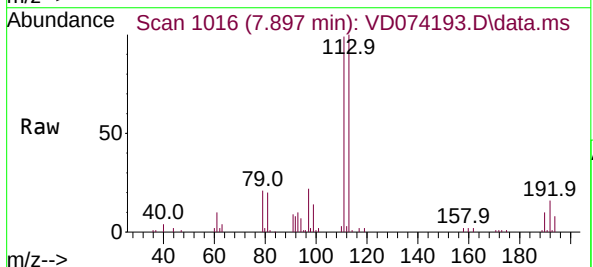
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

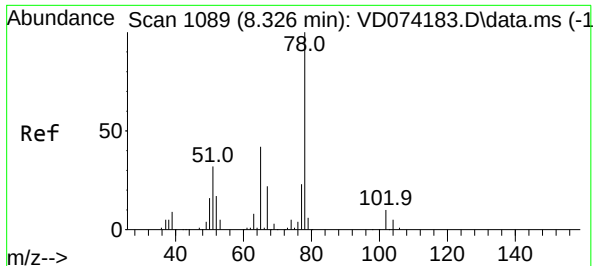
Tgt Ion: 56 Resp: 14451
Ion Ratio Lower Upper
56 100
69 85.0 25.4 38.2#
84 117.0 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 5.333 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 97 Resp: 16107
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 46.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.853 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

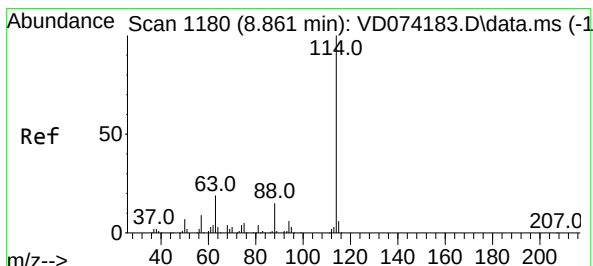
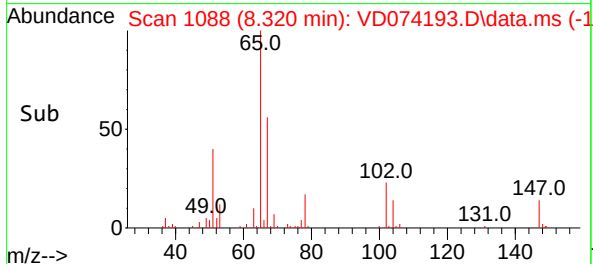
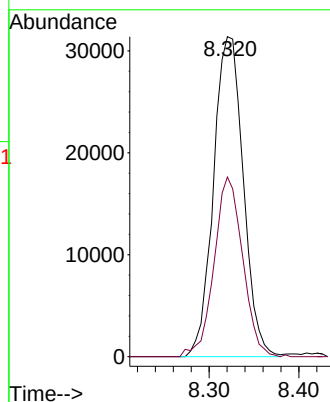
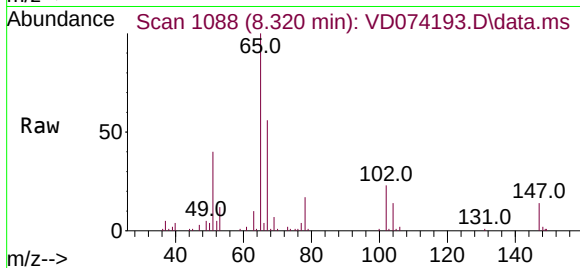
LOQ-SOIL-02-QT3-2022

Tgt Ion: 65 Resp: 72380

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

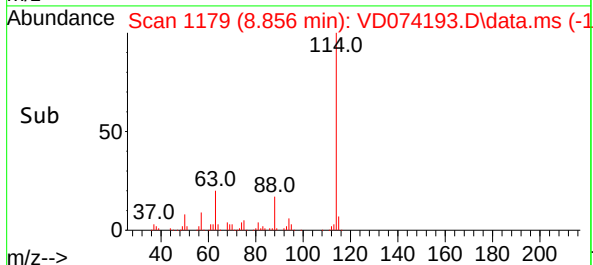
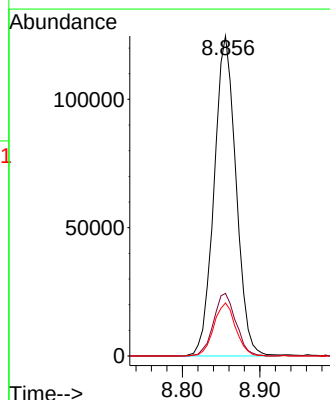
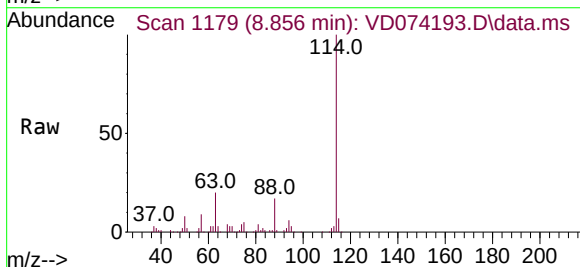
Tgt Ion: 114 Resp: 244726

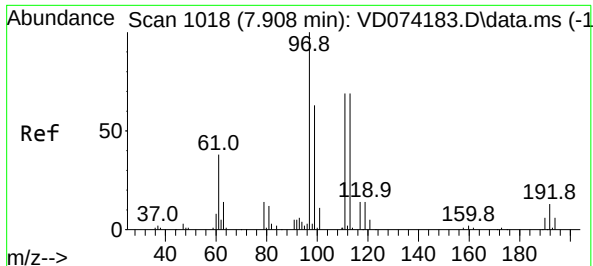
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.337 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

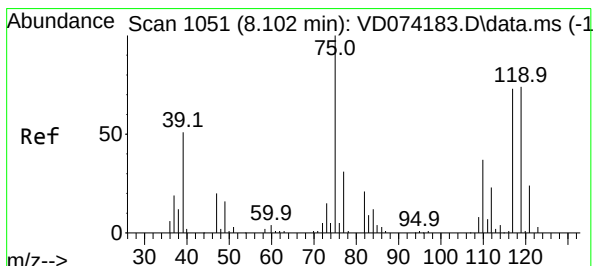
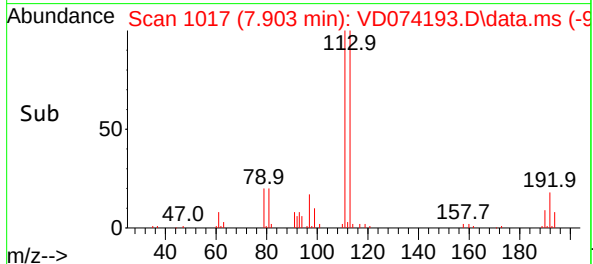
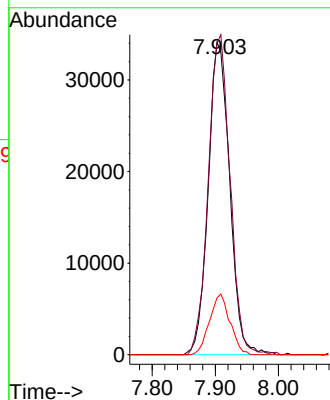
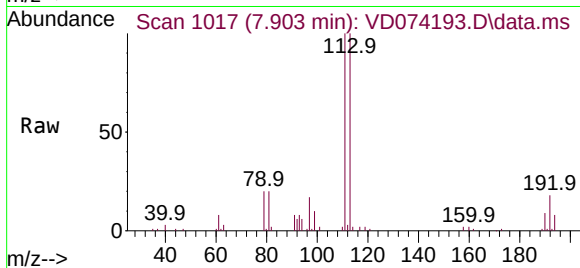
Tgt Ion:113 Resp: 80761

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.129 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.007 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

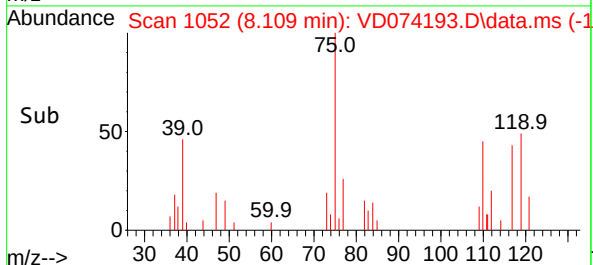
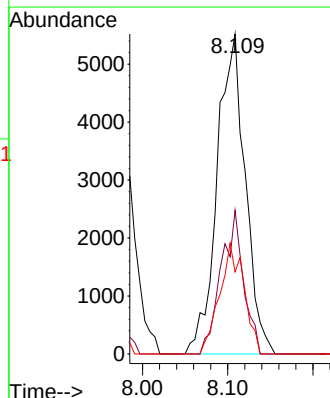
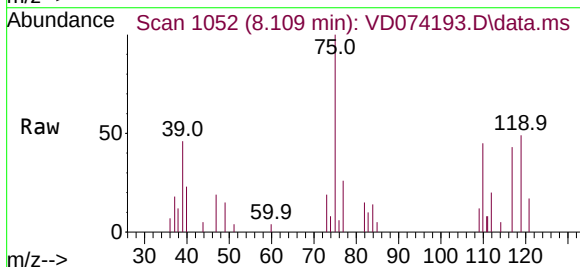
Tgt Ion: 75 Resp: 12689

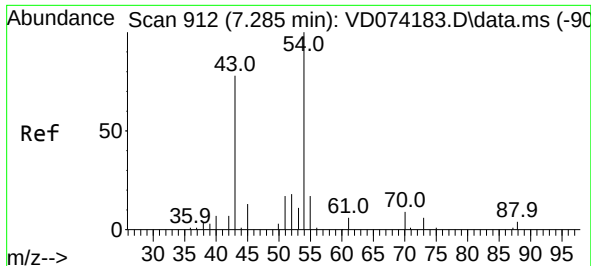
Ion Ratio Lower Upper

75 100

110 35.7 16.4 49.1

77 30.0 24.2 36.2





#37

Ethyl Acetate

Concen: 5.848 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

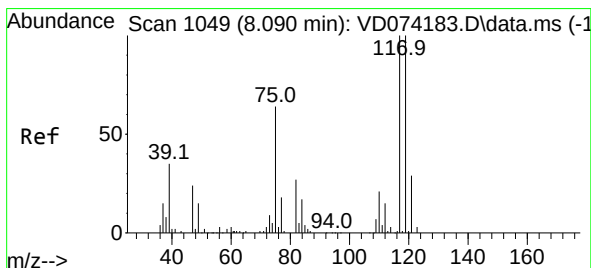
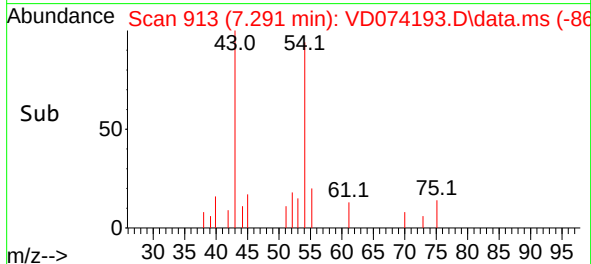
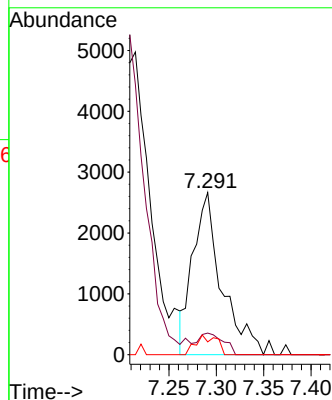
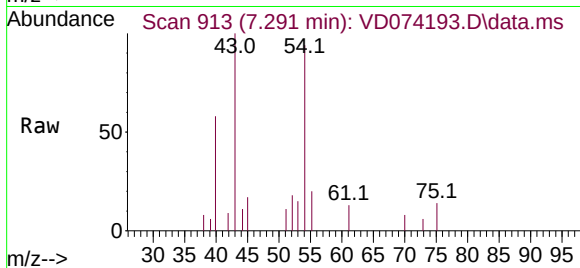
Tgt Ion: 43 Resp: 5705

Ion Ratio Lower Upper

43 100

61 11.6 9.8 14.8

70 8.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 4.829 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

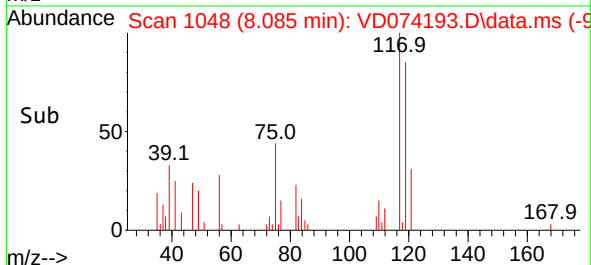
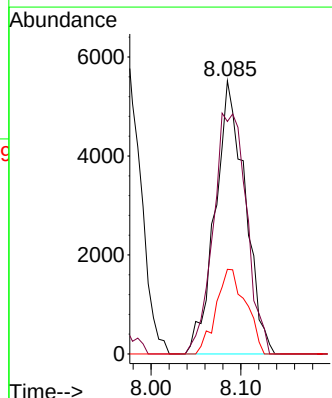
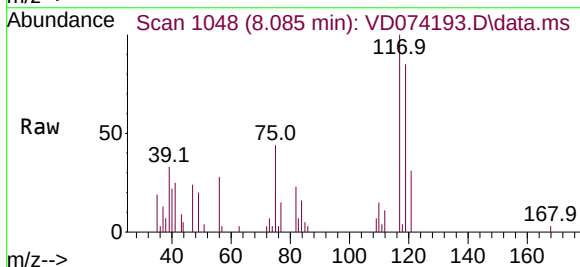
Tgt Ion: 117 Resp: 12834

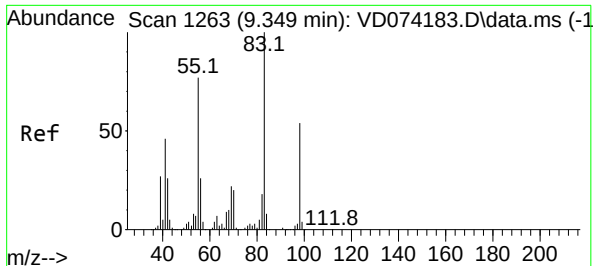
Ion Ratio Lower Upper

117 100

119 85.1 75.8 113.6

121 31.0 24.5 36.7





#39

Methylcyclohexane

Concen: 4.709 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

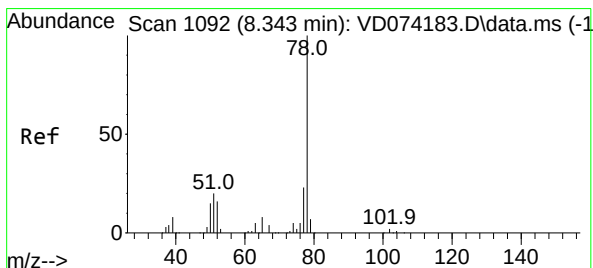
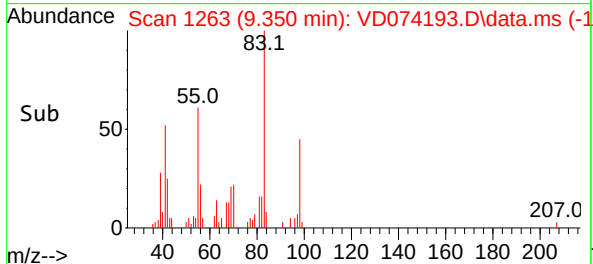
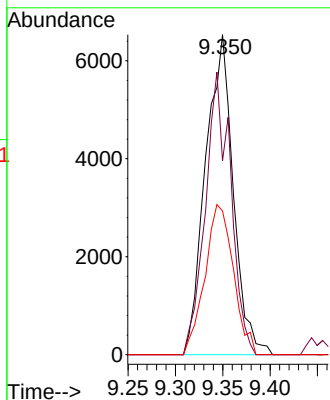
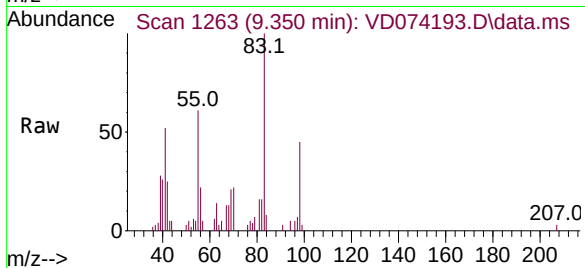
Tgt Ion: 83 Resp: 13295

Ion Ratio Lower Upper

83 100

55 60.6 63.2 94.8#

98 44.9 38.2 57.4



#40

Benzene

Concen: 5.204 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074193.D

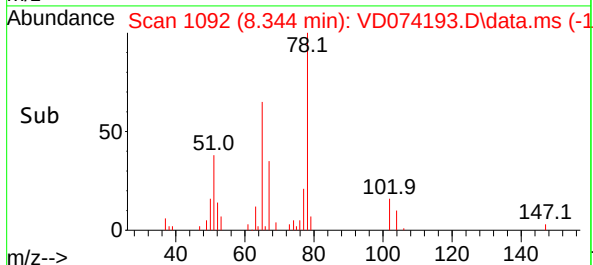
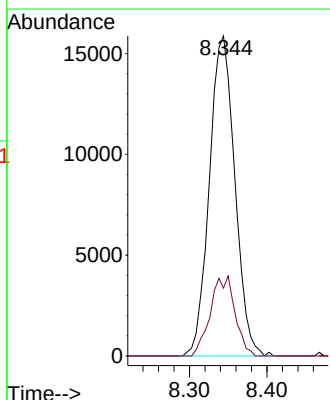
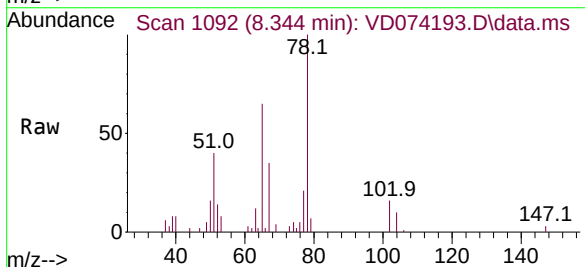
Acq: 23 Aug 2022 19:14

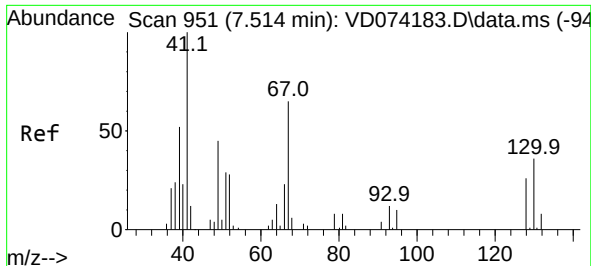
Tgt Ion: 78 Resp: 36291

Ion Ratio Lower Upper

78 100

77 21.2 19.1 28.7

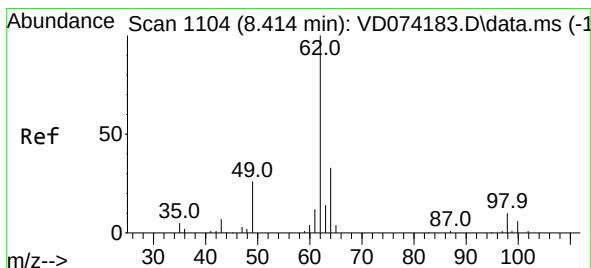
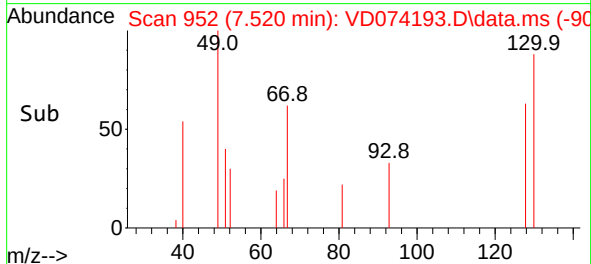
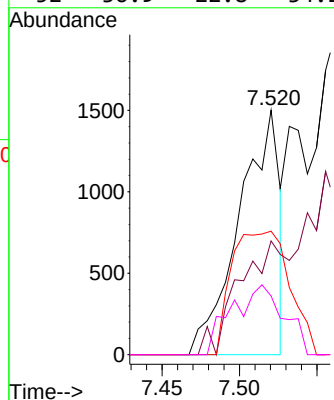
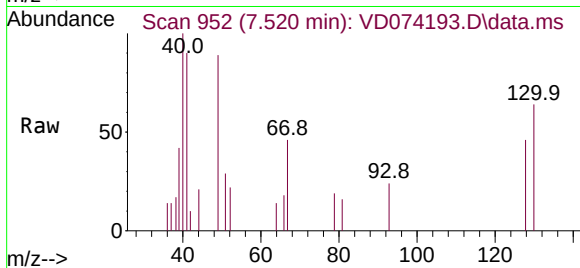




#41
Methacrylonitrile
Concen: 4.649 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

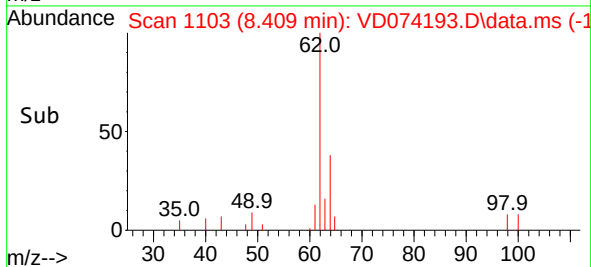
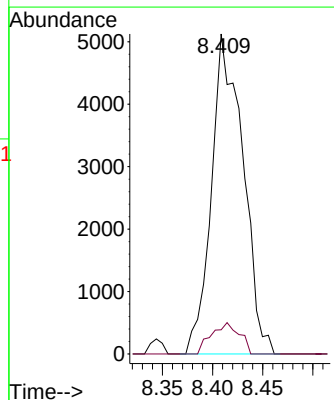
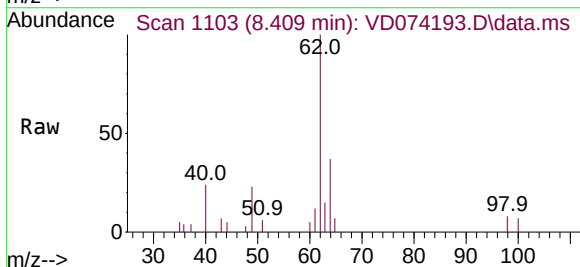
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

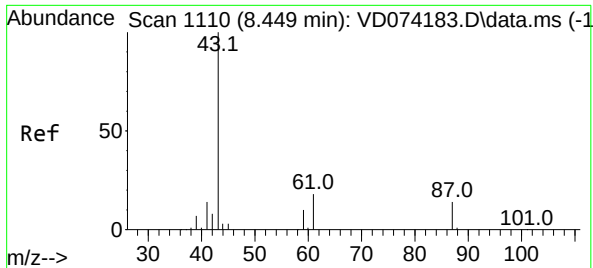
Tgt Ion:	41	Resp:	2726
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.6	67.0
67	72.1	48.2	72.4
52	36.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 5.429 ug/l
RT: 8.409 min Scan# 1103
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:	62	Resp:	11161
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

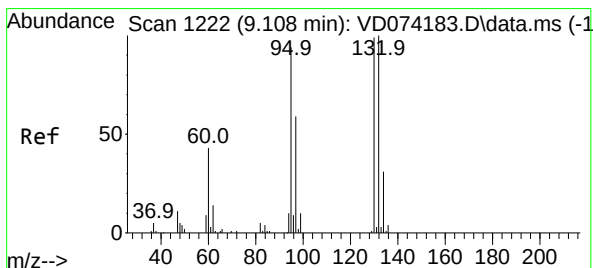
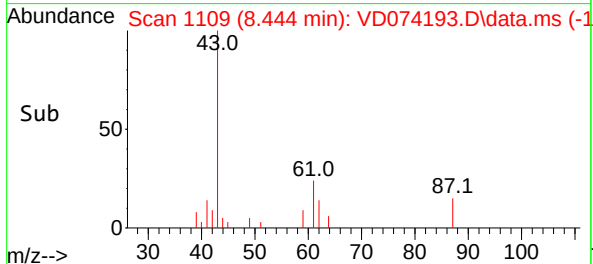
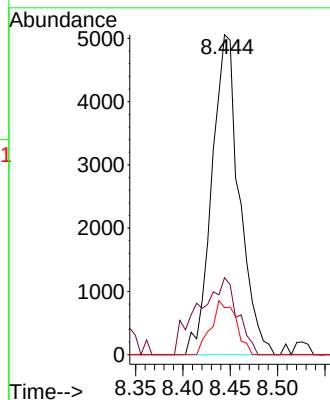
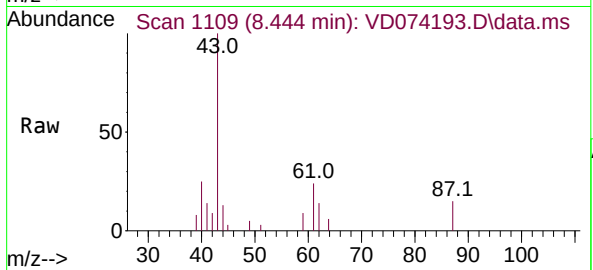




#43
Isopropyl Acetate
Concen: 5.210 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

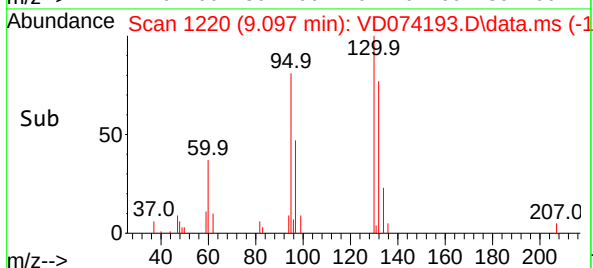
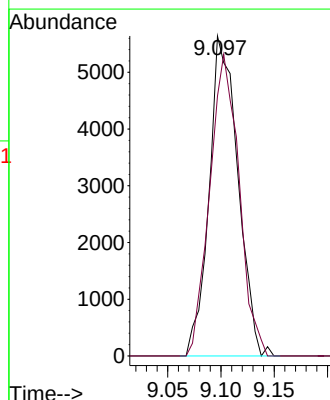
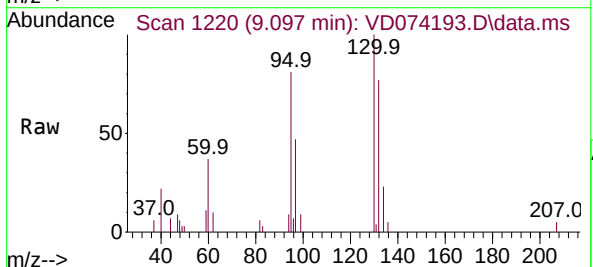
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2022

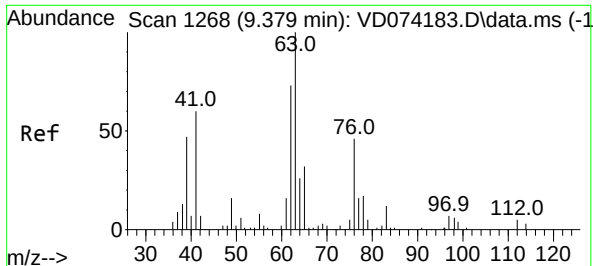
Tgt Ion: 43 Resp: 10224
Ion Ratio Lower Upper
43 100
61 34.1 22.4 33.6#
87 15.2 8.7 13.1#



#44
Trichloroethene
Concen: 5.237 ug/l
RT: 9.097 min Scan# 1220
Delta R.T. -0.011 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:130 Resp: 10588
Ion Ratio Lower Upper
130 100
95 81.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 5.316 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

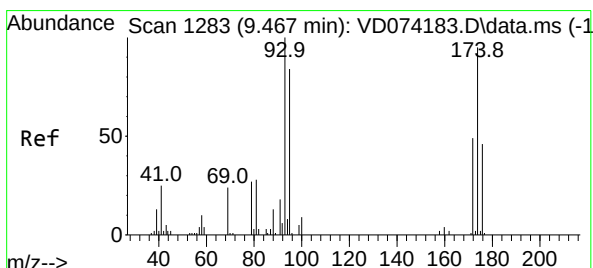
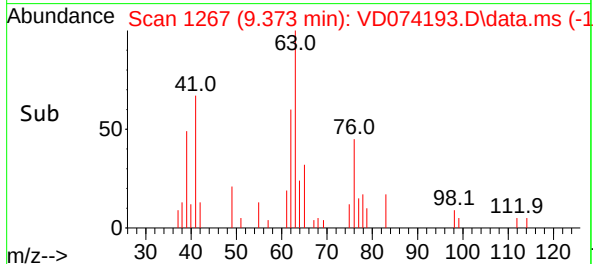
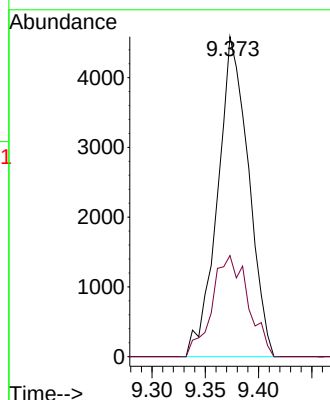
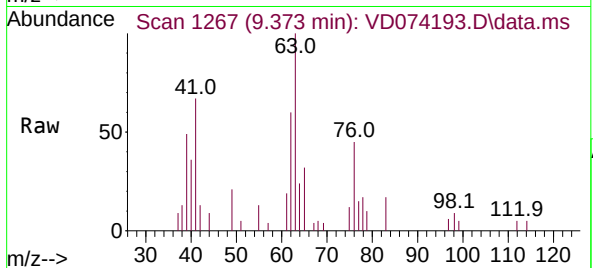
LOQ-SOIL-02-QT3-2022

Tgt Ion: 63 Resp: 9254

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4



#46

Dibromomethane

Concen: 5.747 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

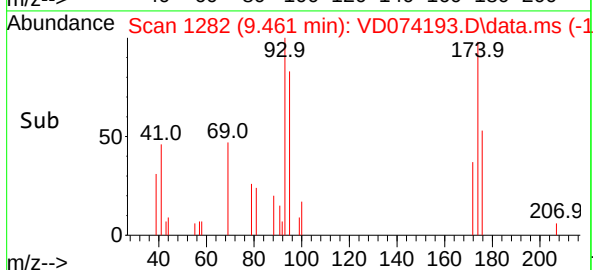
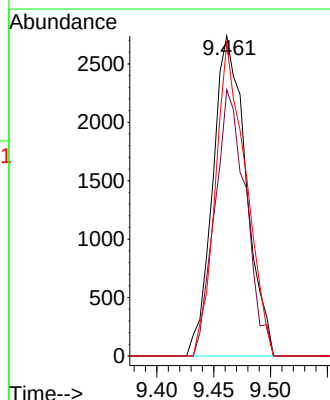
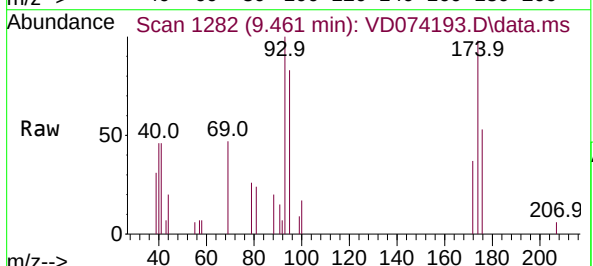
Tgt Ion: 93 Resp: 5582

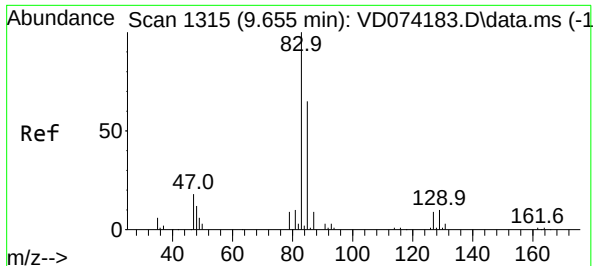
Ion Ratio Lower Upper

93 100

95 77.9 66.7 100.1

174 90.1 71.6 107.4





#47

Bromodichloromethane

Concen: 5.296 ug/l

RT: 9.650 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

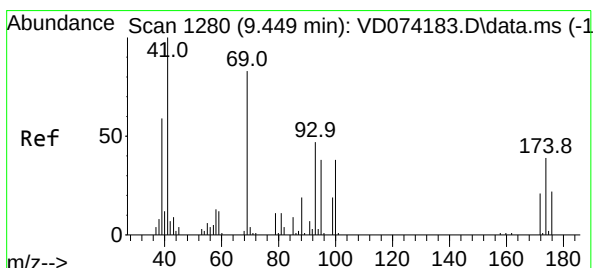
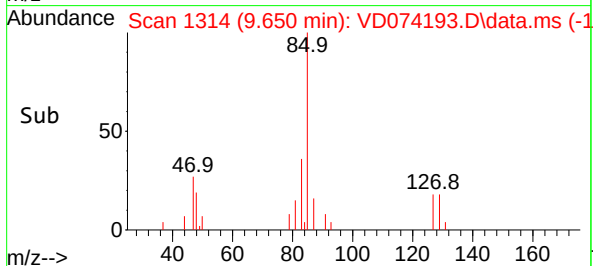
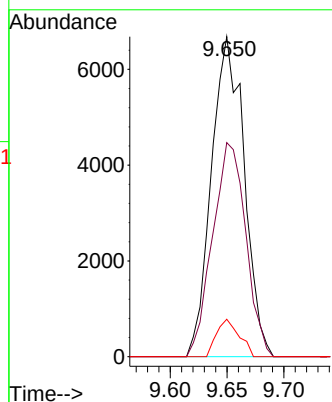
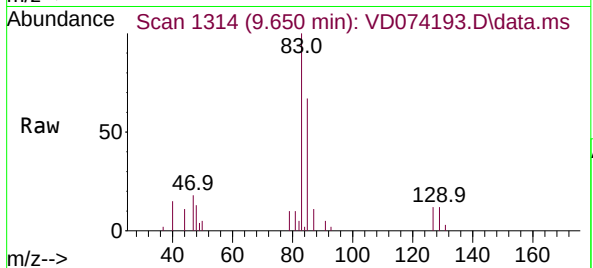
Tgt Ion: 83 Resp: 13379

Ion Ratio Lower Upper

83 100

85 66.9 51.4 77.0

127 11.7 6.1 9.1#



#48

Methyl methacrylate

Concen: 5.245 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

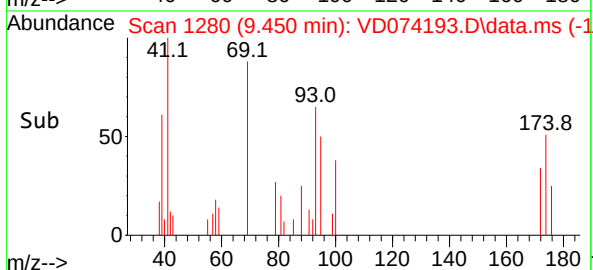
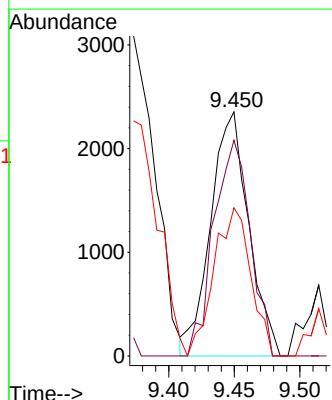
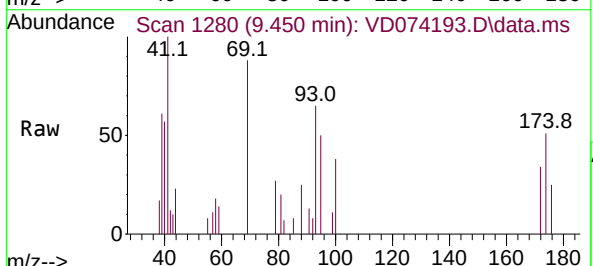
Tgt Ion: 41 Resp: 4758

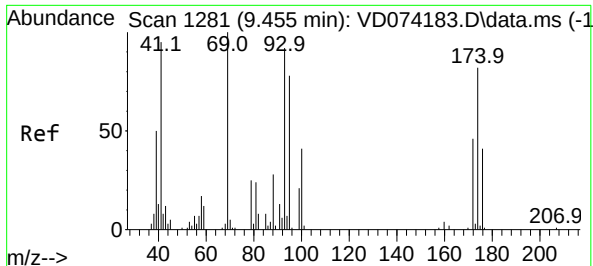
Ion Ratio Lower Upper

41 100

69 84.6 56.7 85.1

39 58.3 42.7 64.1





#49

1,4-Dioxane

Concen: 96.818 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074193.D

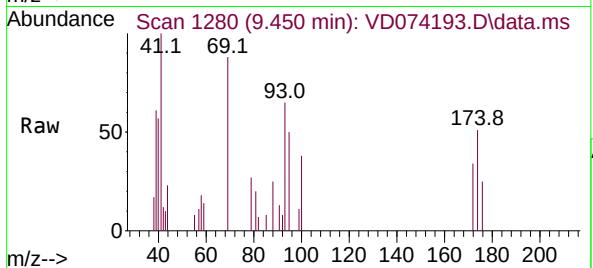
Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022



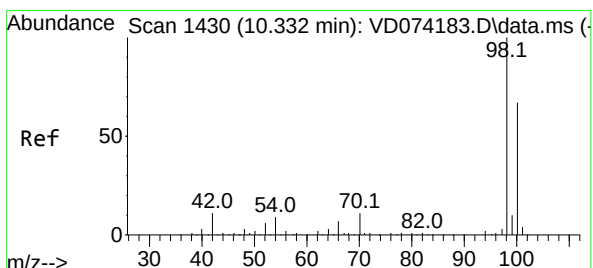
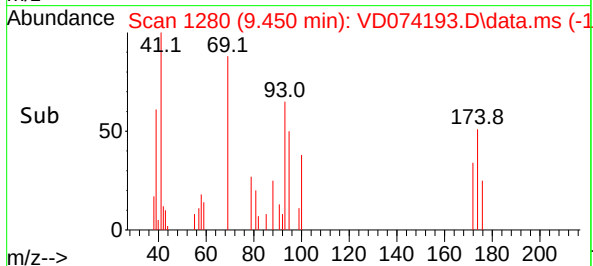
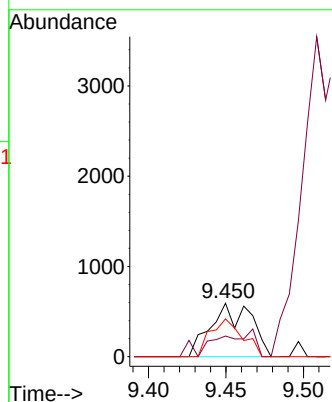
Tgt Ion: 88 Resp: 1067

Ion Ratio Lower Upper

88 100

43 48.9 31.0 46.4#

58 56.0 58.1 87.1#



#50

Toluene-d8

Concen: 46.144 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074193.D

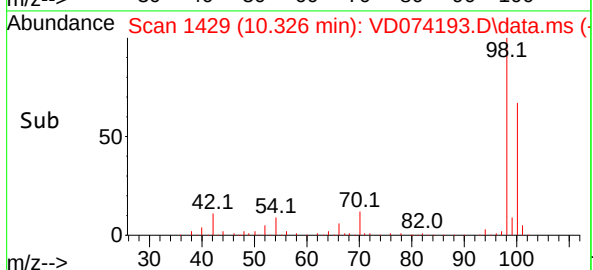
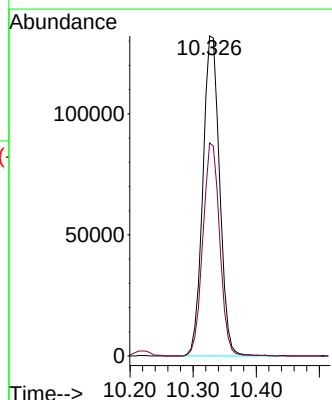
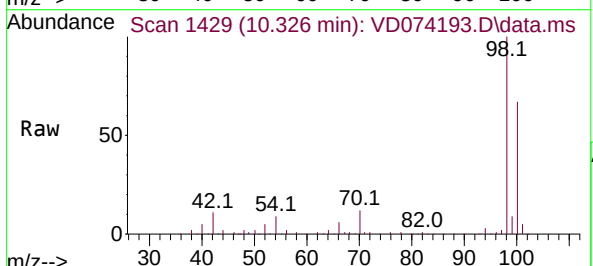
Acq: 23 Aug 2022 19:14

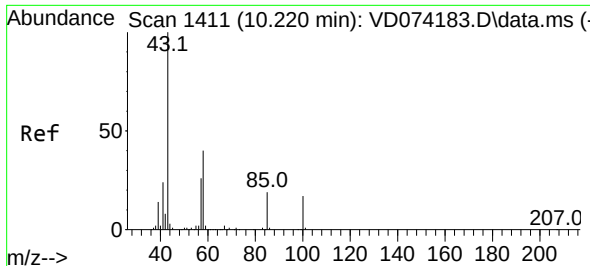
Tgt Ion: 98 Resp: 243103

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

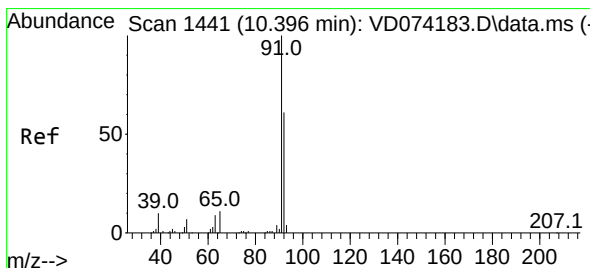
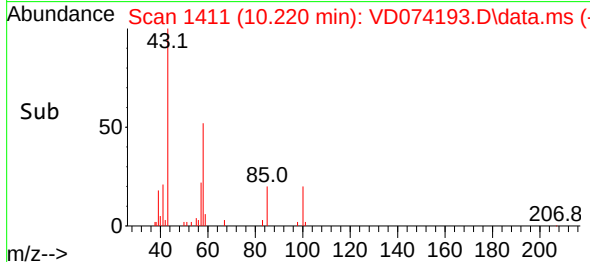
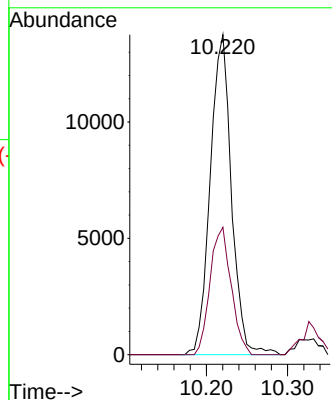
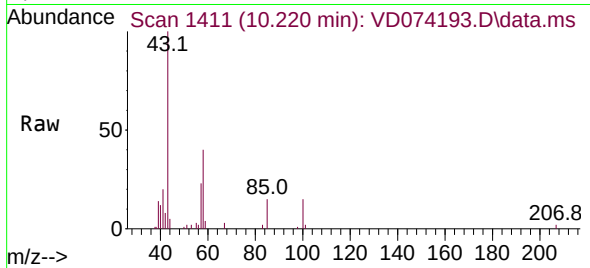




#51
4-Methyl-2-Pentanone
Concen: 25.474 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

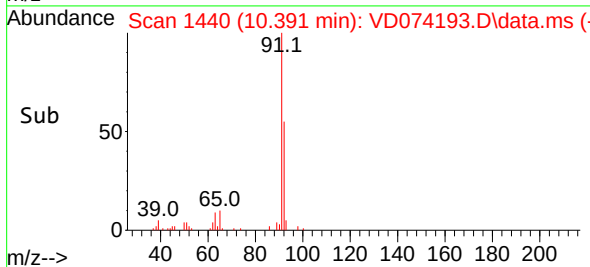
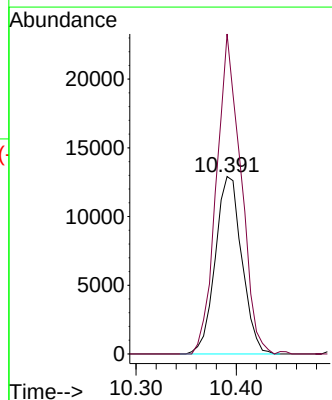
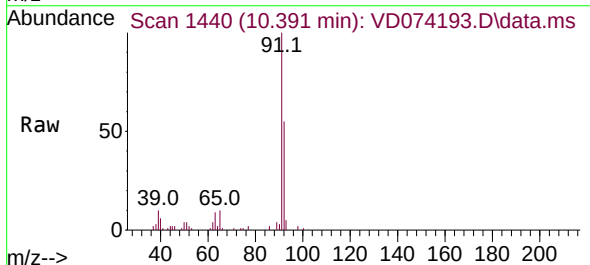
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

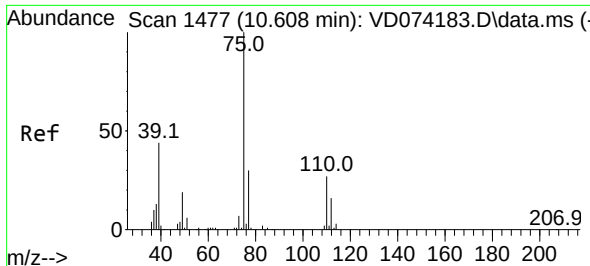
Tgt Ion: 43 Resp: 24972
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 5.179 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 92 Resp: 23745
Ion Ratio Lower Upper
92 100
91 166.6 139.6 209.4

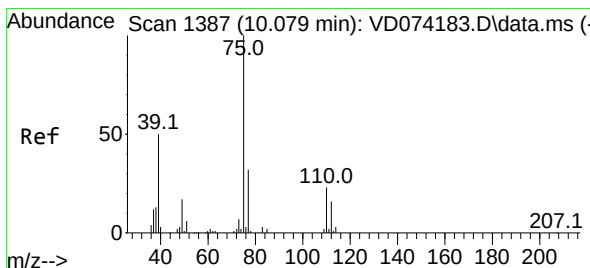
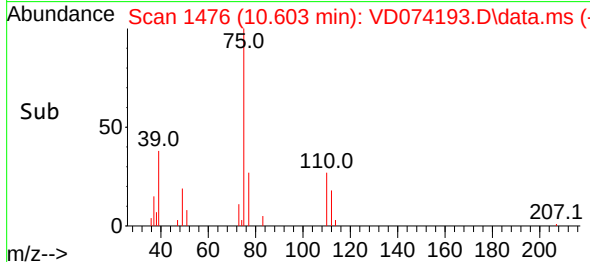
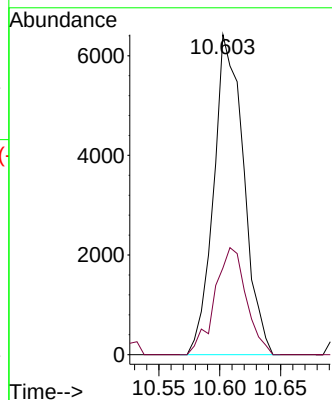
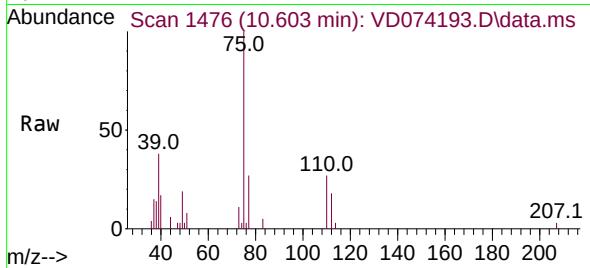




#53
t-1,3-Dichloropropene
Concen: 4.800 ug/l
RT: 10.603 min Scan# 1476
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

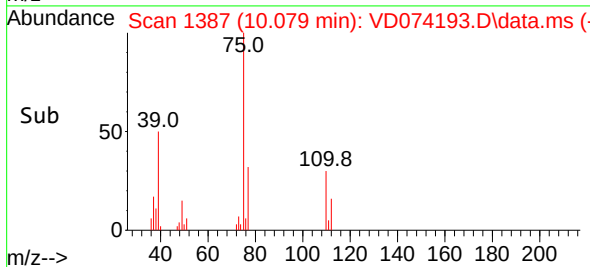
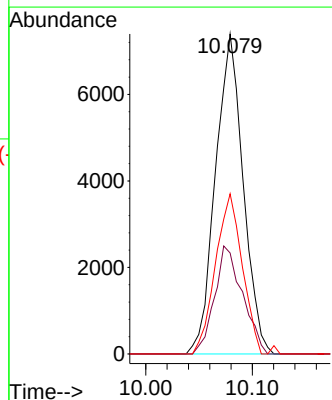
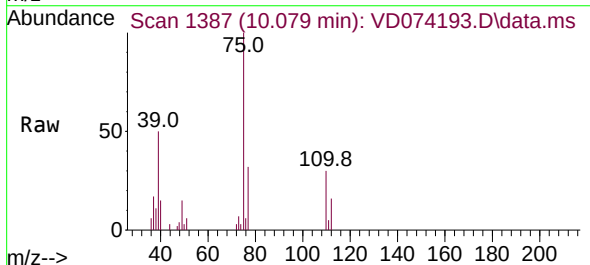
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

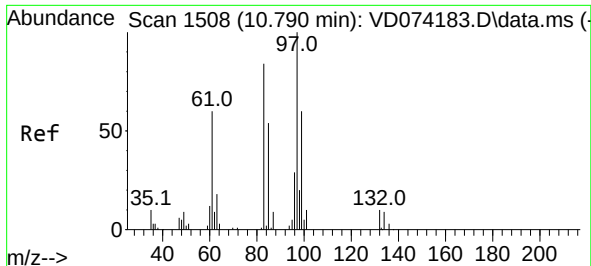
Tgt Ion: 75 Resp: 10997
Ion Ratio Lower Upper
75 100
77 27.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 4.905 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 75 Resp: 13324
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 50.1 46.8 70.2

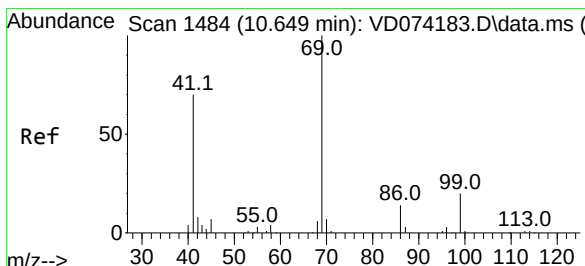
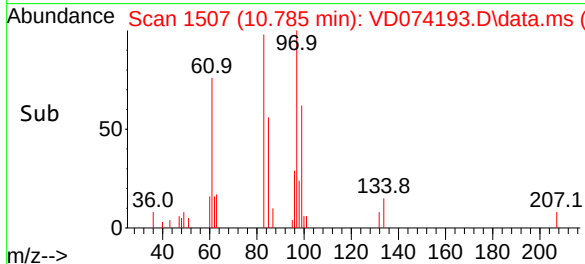
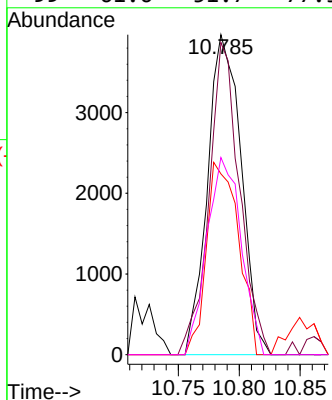
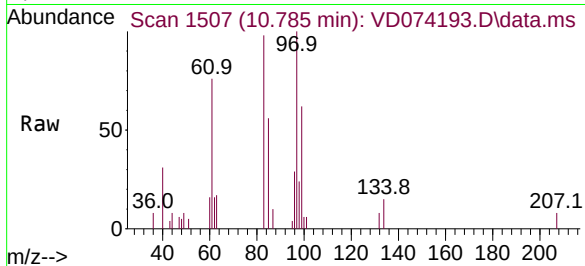




#55
 1,1,2-Trichloroethane
 Concen: 5.723 ug/l
 RT: 10.785 min Scan# 1507
 Delta R.T. -0.005 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

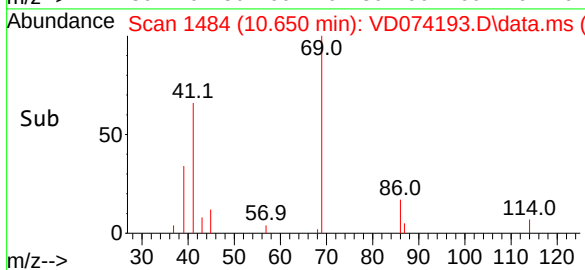
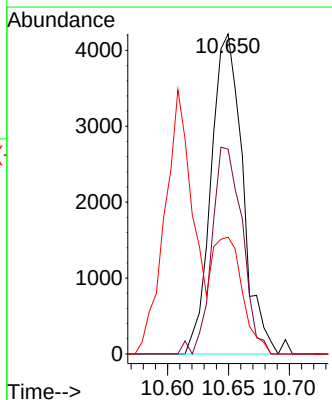
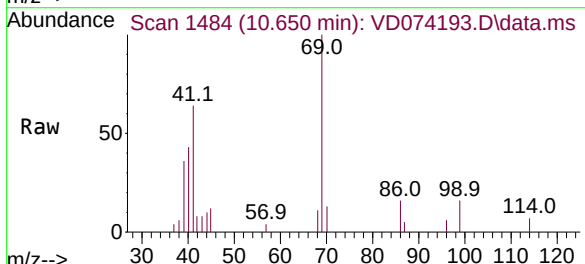
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

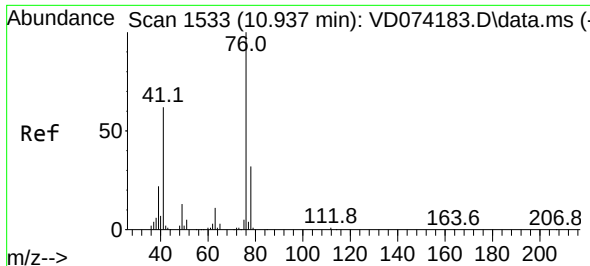
Tgt Ion:	97	Resp:	7602
Ion	Ratio	Lower	Upper
97	100		
83	97.5	69.0	103.4
85	56.5	42.6	63.8
99	61.6	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 5.009 ug/l
 RT: 10.650 min Scan# 1484
 Delta R.T. 0.001 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

Tgt Ion:	69	Resp:	7601
Ion	Ratio	Lower	Upper
69	100		
41	62.2	63.0	94.6#
39	34.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 5.223 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

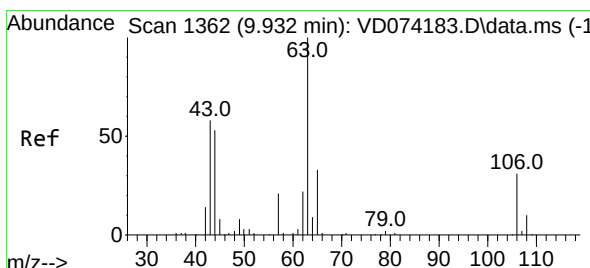
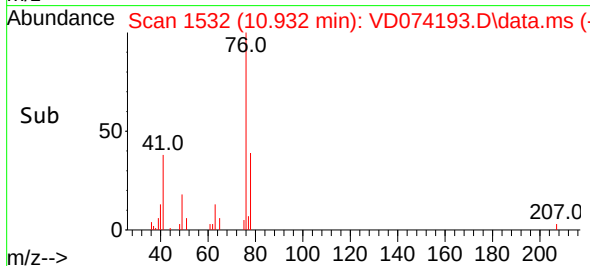
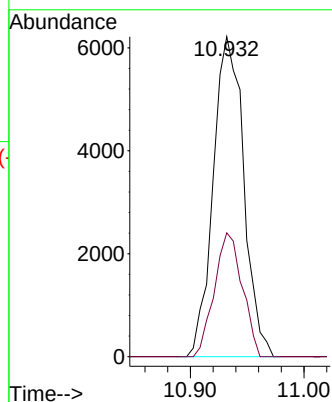
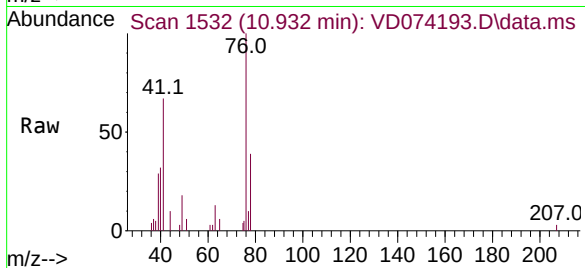
LOQ-SOIL-02-QT3-2022

Tgt Ion: 76 Resp: 11593

Ion Ratio Lower Upper

76 100

78 35.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.801 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074193.D

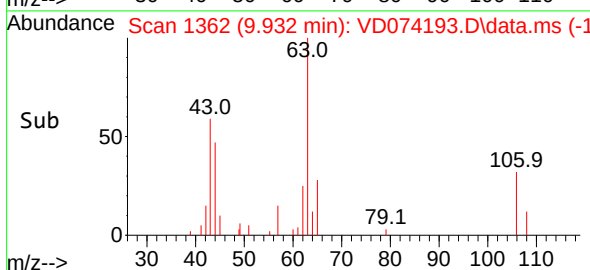
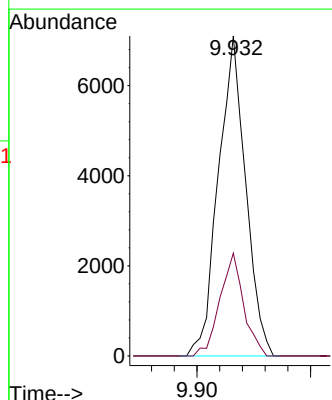
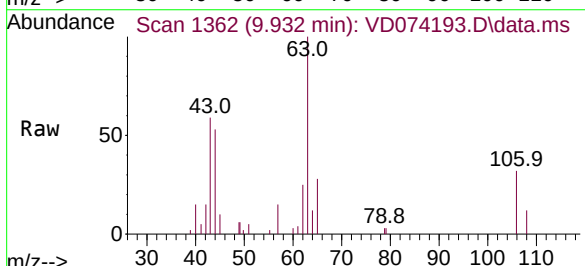
Acq: 23 Aug 2022 19:14

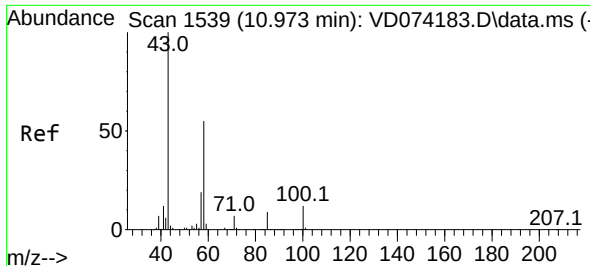
Tgt Ion: 63 Resp: 11851

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0

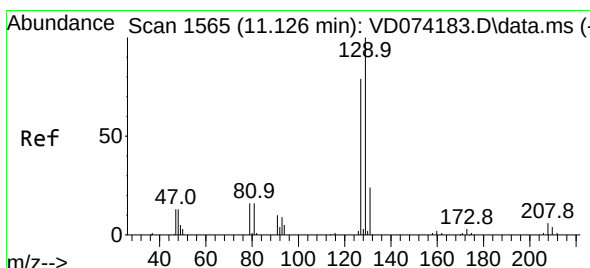
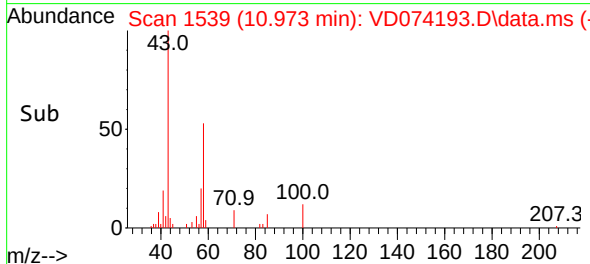
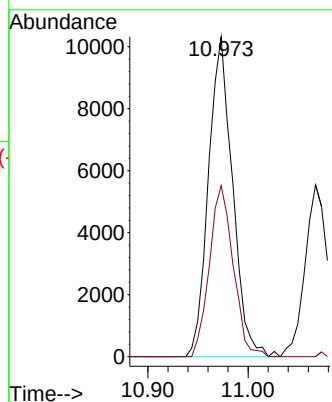
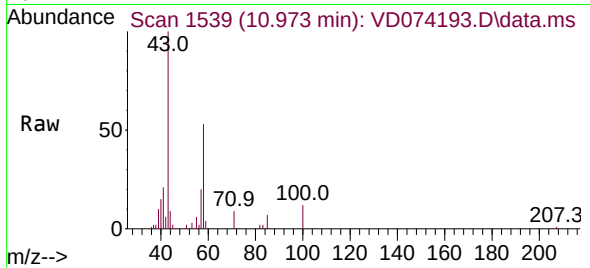




#59
2-Hexanone
Concen: 26.064 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

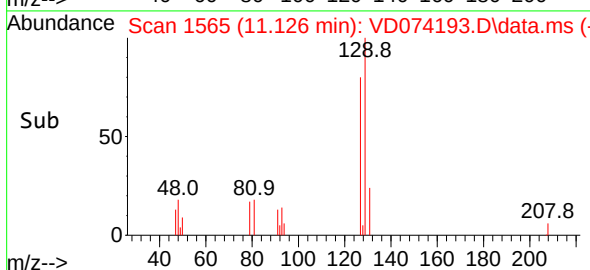
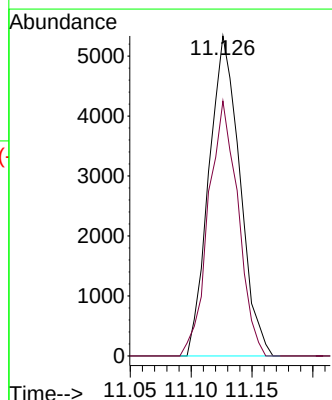
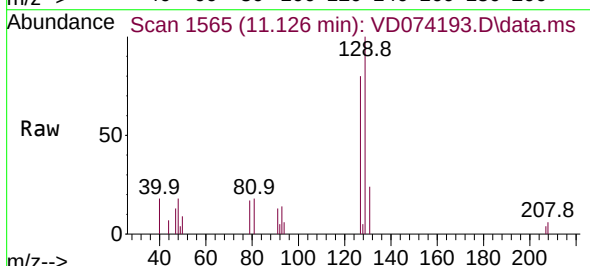
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

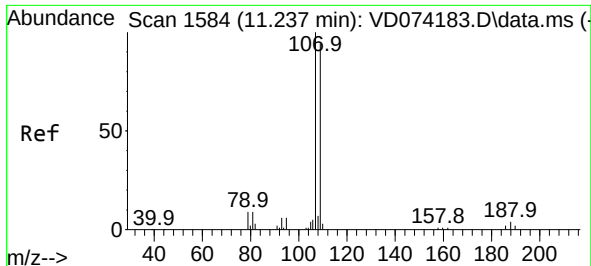
Tgt Ion: 43 Resp: 17227
Ion Ratio Lower Upper
43 100
58 52.9 25.3 75.9



#60
Dibromochloromethane
Concen: 5.465 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 129 Resp: 9427
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

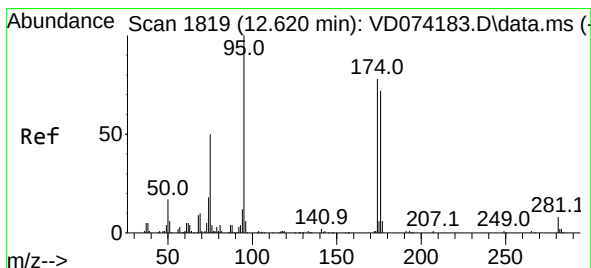
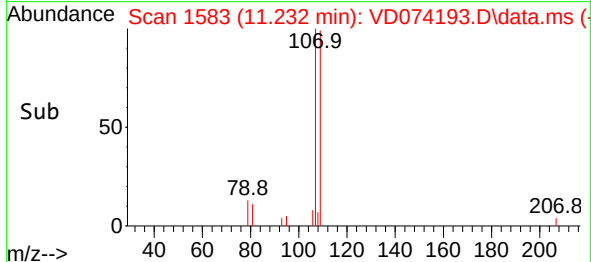
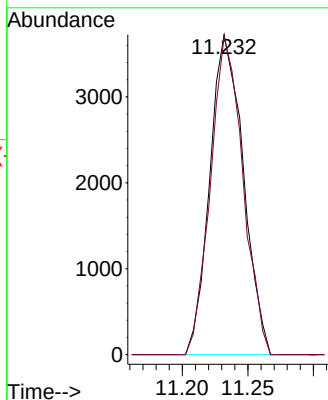
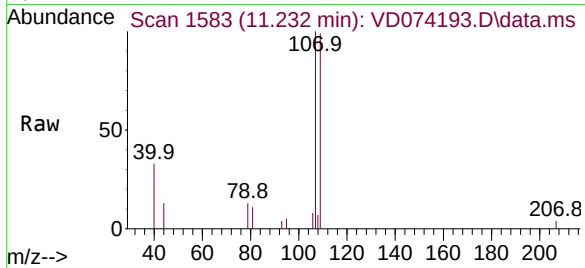




#61
1,2-Dibromoethane
Concen: 5.088 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

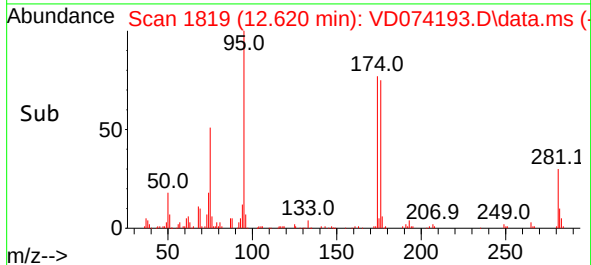
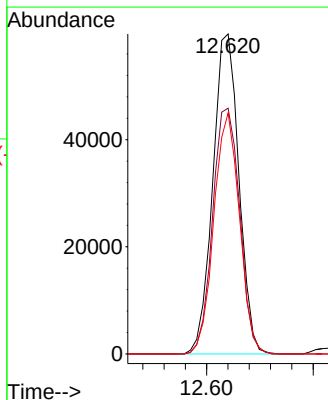
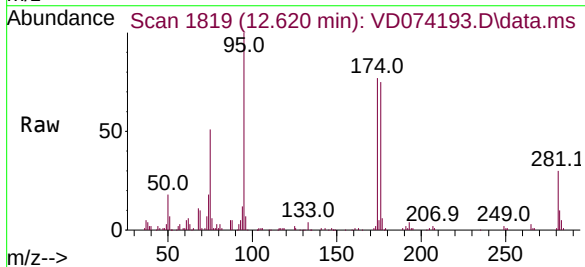
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

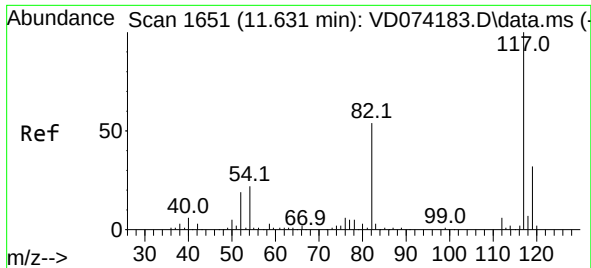
Tgt Ion:107 Resp: 6593
Ion Ratio Lower Upper
107 100
109 96.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.697 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 95 Resp: 101352
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 73.9 0.0 145.4

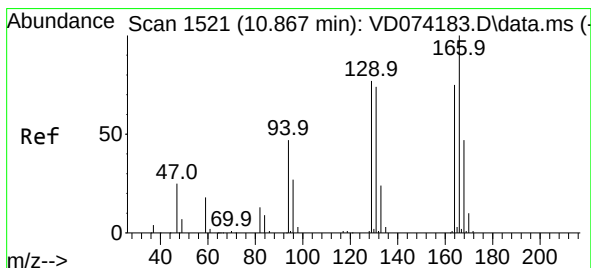
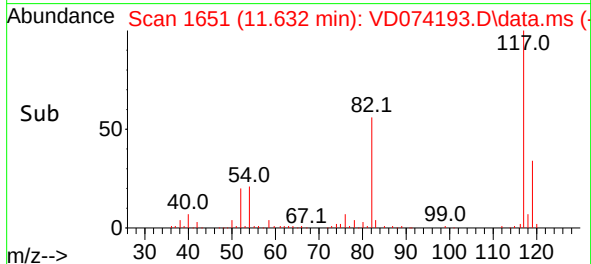
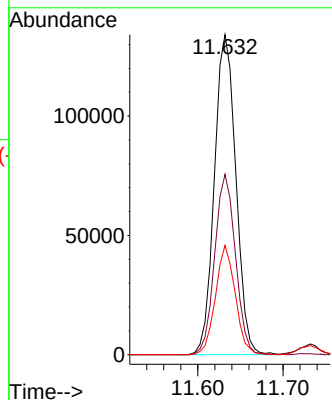
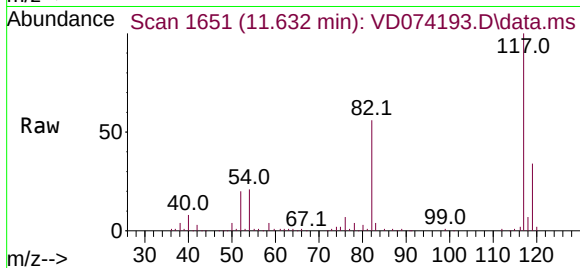




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

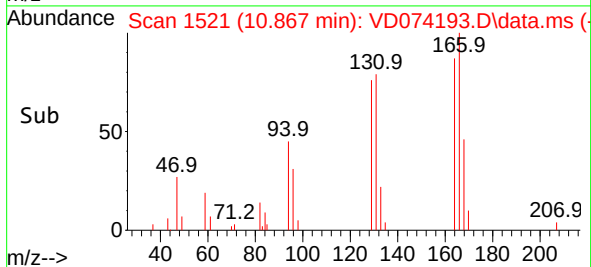
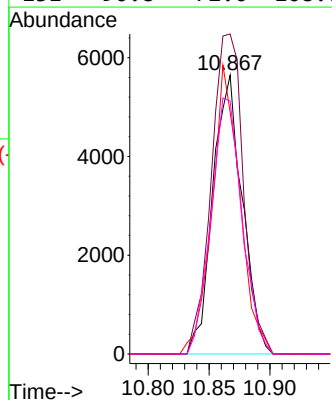
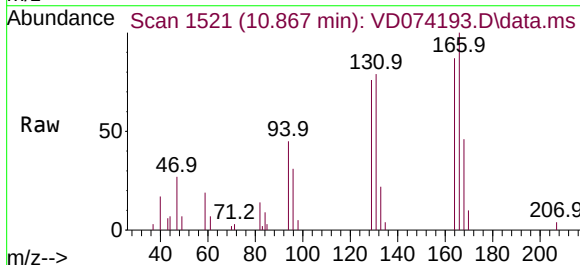
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

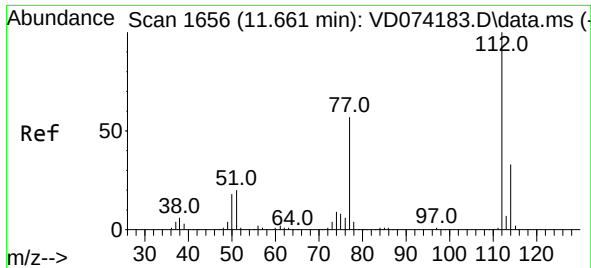
Tgt Ion:117 Resp: 235589
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 34.1 26.6 40.0



#64
Tetrachloroethene
Concen: 5.542 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:164 Resp: 9527
Ion Ratio Lower Upper
164 100
166 114.8 98.5 147.7
129 86.9 74.6 111.8
131 90.8 72.0 108.0

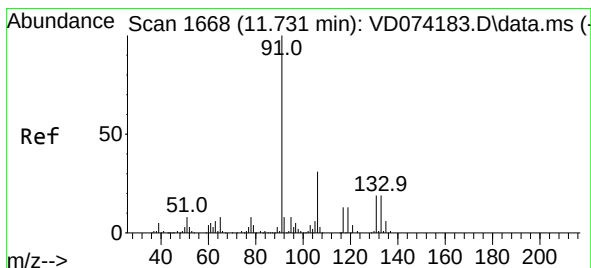
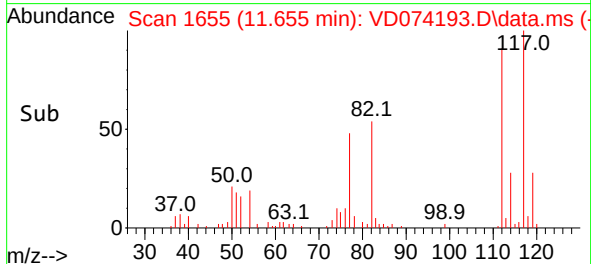
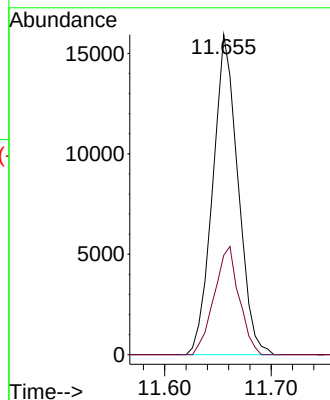
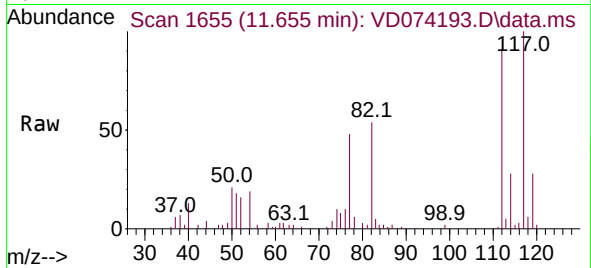




#65
Chlorobenzene
Concen: 5.110 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

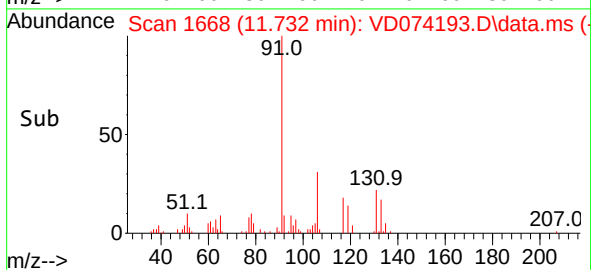
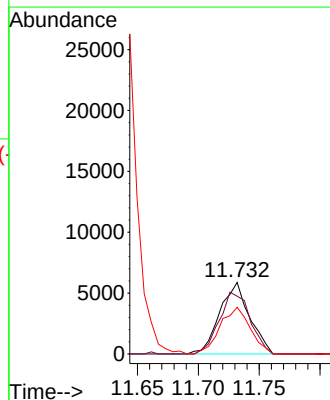
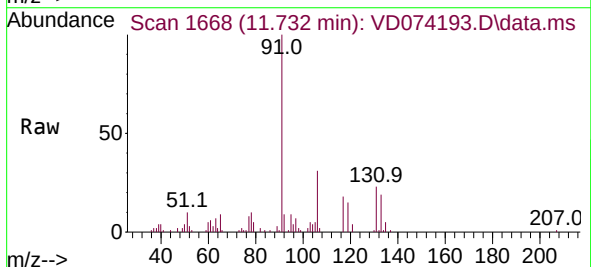
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

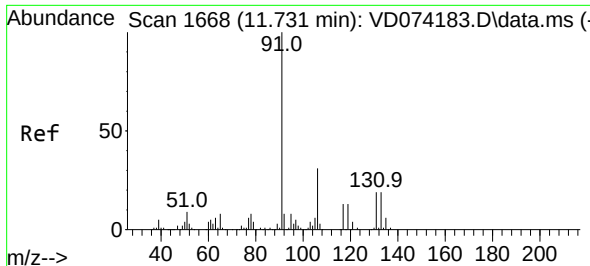
Tgt Ion:112 Resp: 26236
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.199 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:131 Resp: 10036
Ion Ratio Lower Upper
131 100
133 89.0 48.1 144.3
119 65.7 31.9 95.9

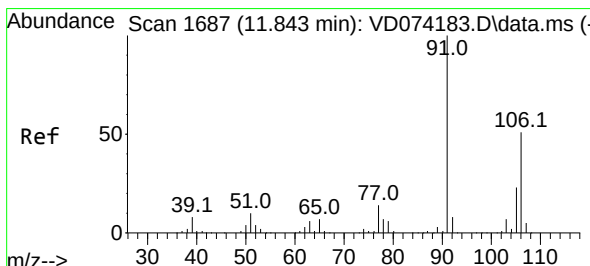
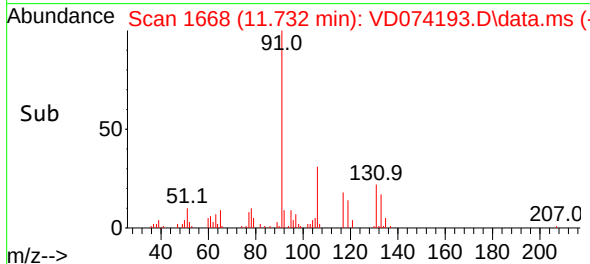
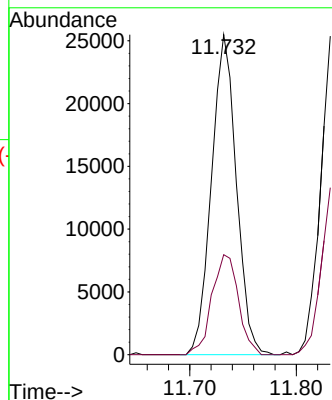
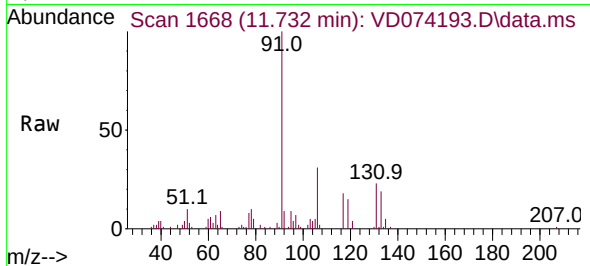




#67
Ethyl Benzene
Concen: 4.705 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

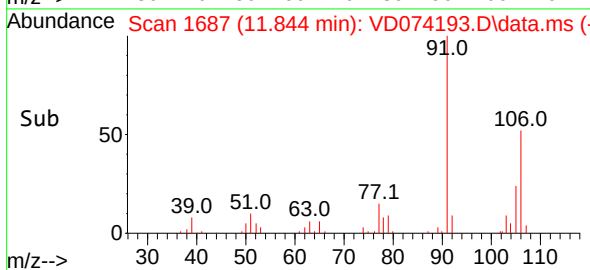
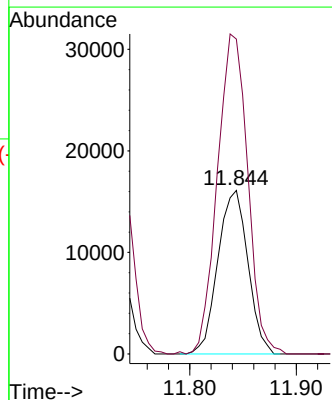
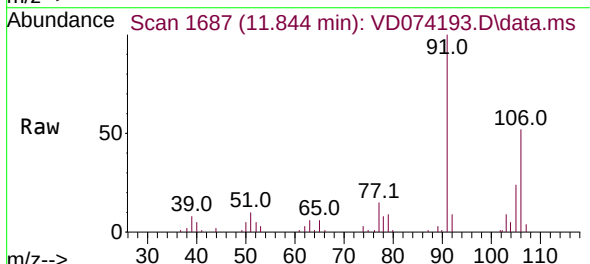
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

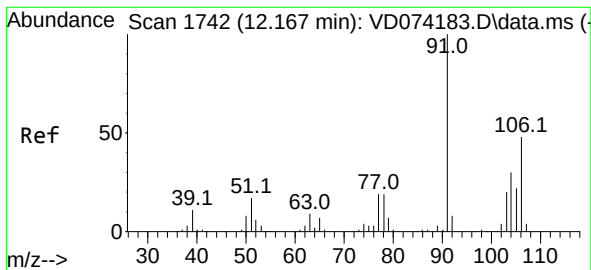
Tgt Ion: 91 Resp: 41341
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 9.001 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 106 Resp: 31502
Ion Ratio Lower Upper
106 100
91 197.9 163.7 245.5





#69

o-Xylene

Concen: 4.386 ug/l

RT: 12.167 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

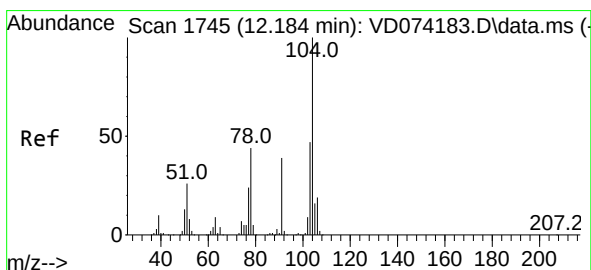
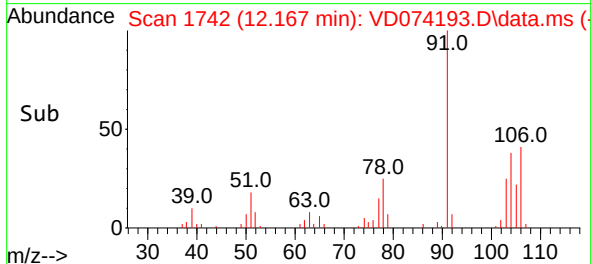
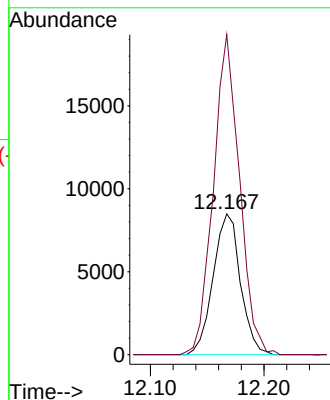
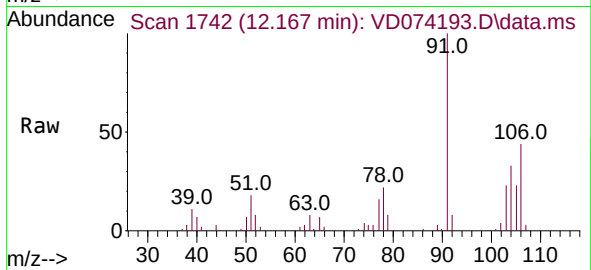
LOQ-SOIL-02-QT3-2022

Tgt Ion:106 Resp: 14165

Ion Ratio Lower Upper

106 100

91 217.7 110.4 331.2



#70

Styrene

Concen: 4.441 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

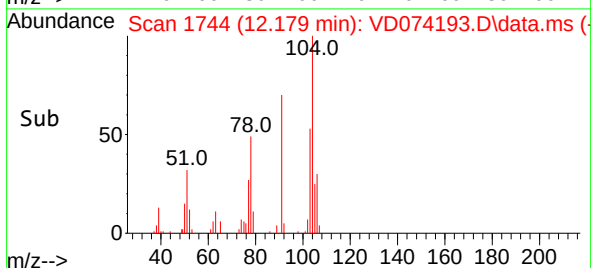
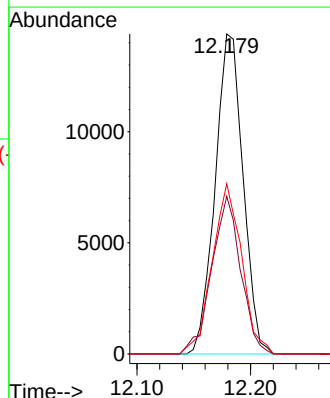
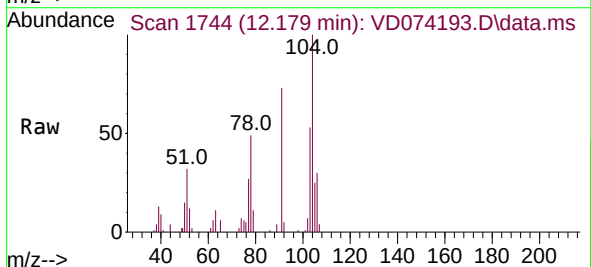
Tgt Ion:104 Resp: 24588

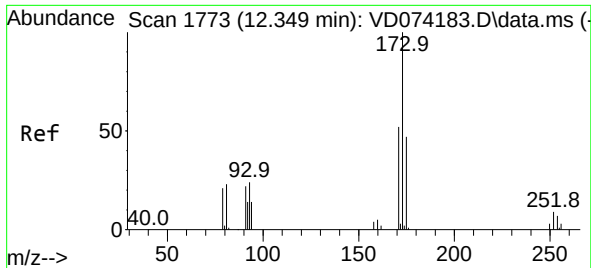
Ion Ratio Lower Upper

104 100

78 51.0 41.8 62.8

103 56.1 44.2 66.4

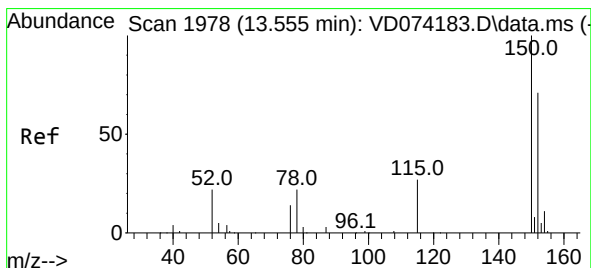
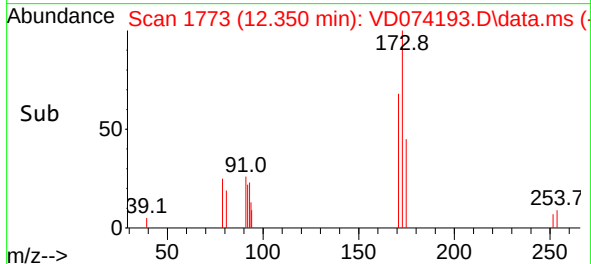
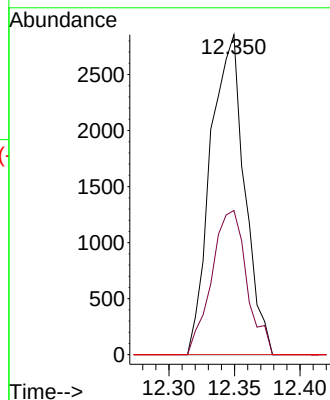
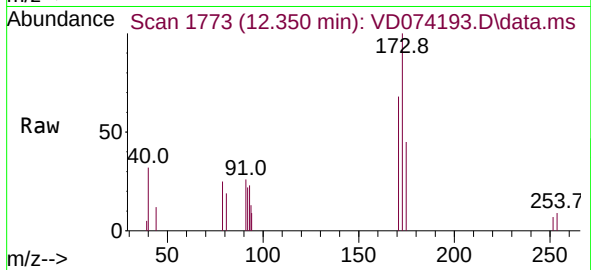




#71
Bromoform
Concen: 4.904 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

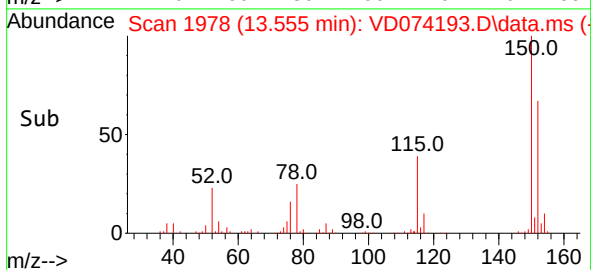
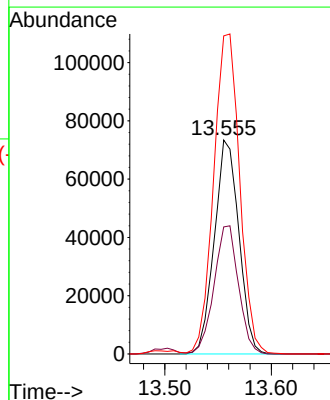
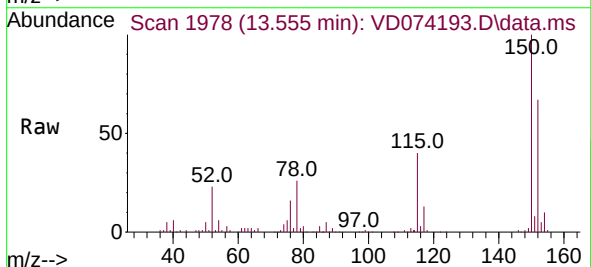
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

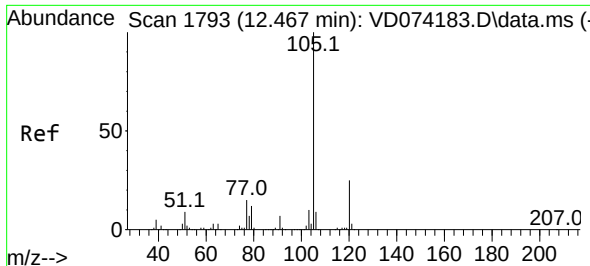
Tgt Ion:173 Resp: 5148
Ion Ratio Lower Upper
173 100
175 46.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:152 Resp: 117224
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 158.8 0.0 348.6

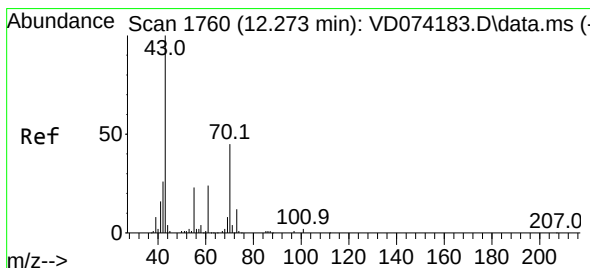
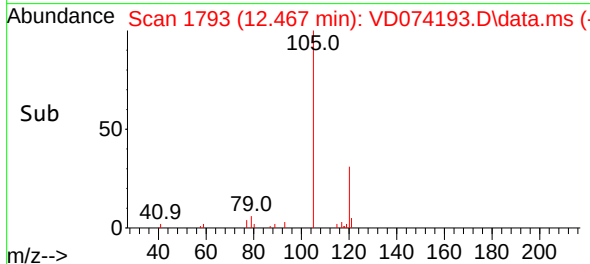
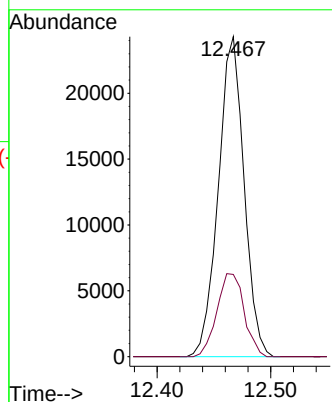
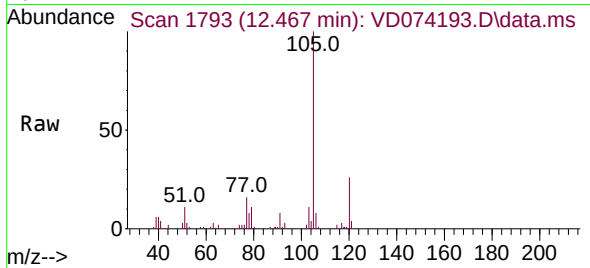




#73
Isopropylbenzene
Concen: 4.501 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

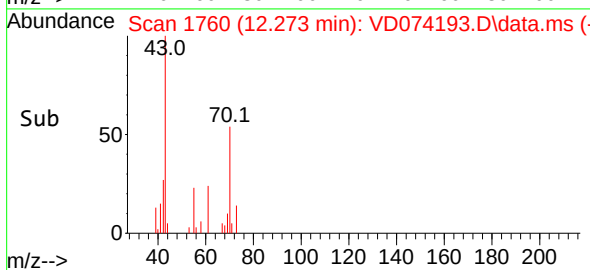
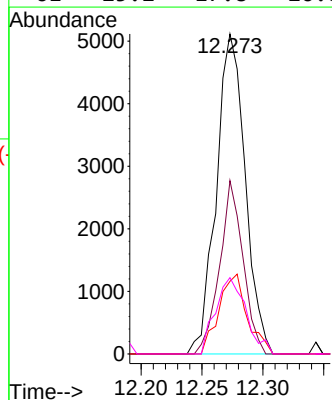
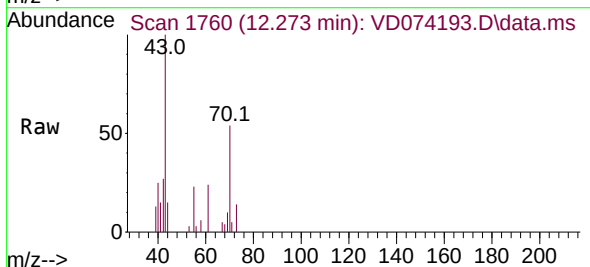
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

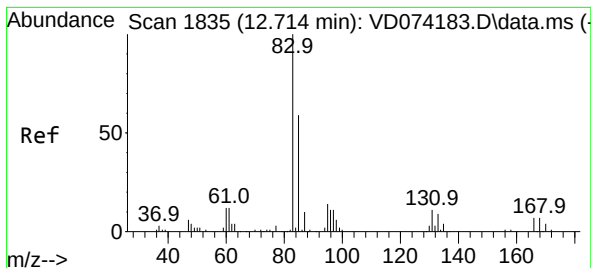
Tgt Ion:105 Resp: 38200
Ion Ratio Lower Upper
105 100
120 27.4 13.0 38.9



#74
N-ethyl acetate
Concen: 4.571 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 43 Resp: 8439
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 24.4 20.0 30.0
61 25.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.391 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

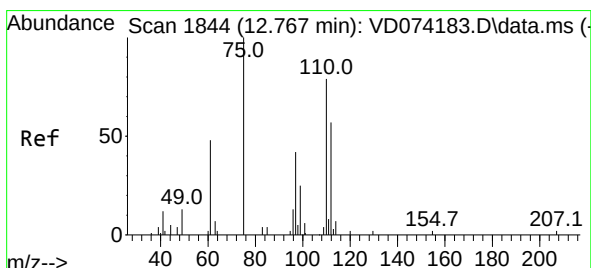
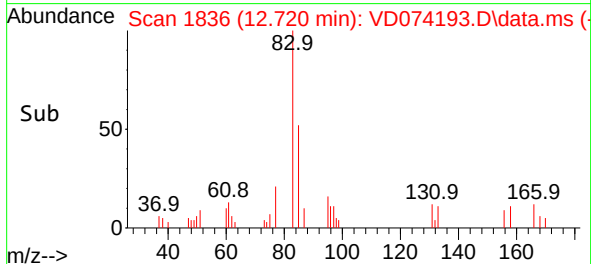
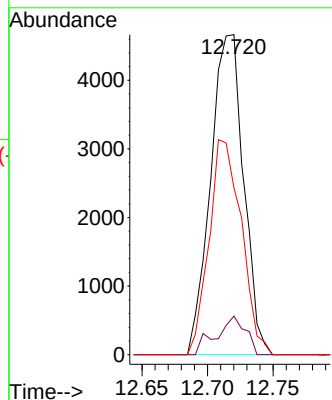
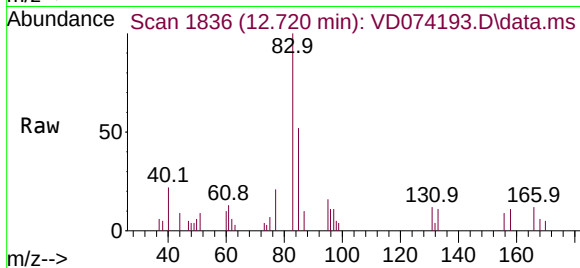
Tgt Ion: 83 Resp: 8172

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 65.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 8.754 ug/l

RT: 12.761 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VD074193.D

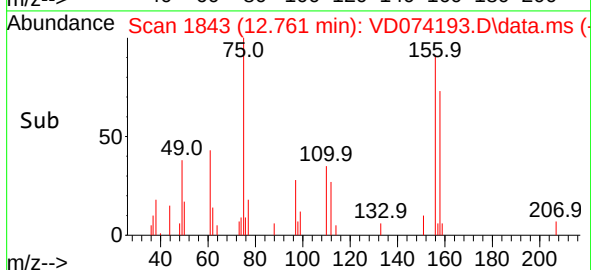
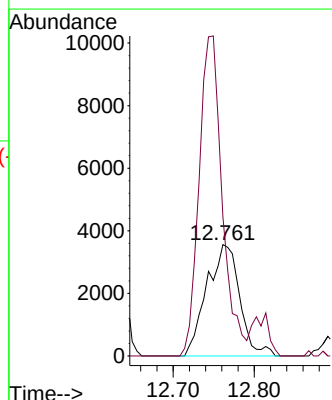
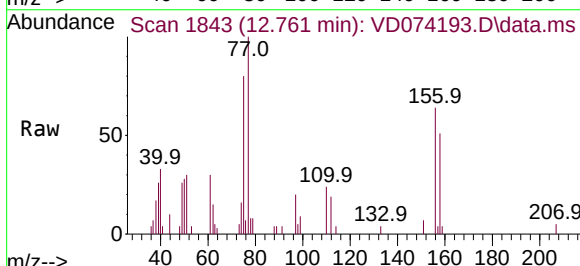
Acq: 23 Aug 2022 19:14

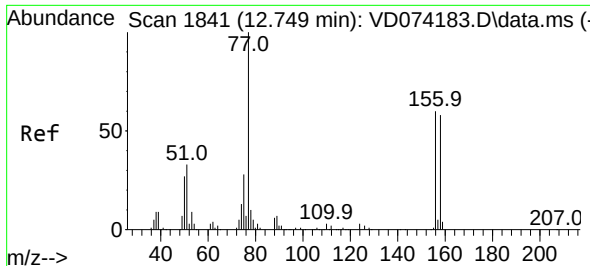
Tgt Ion: 75 Resp: 10020

Ion Ratio Lower Upper

75 100

77 202.7 0.0 0.0#

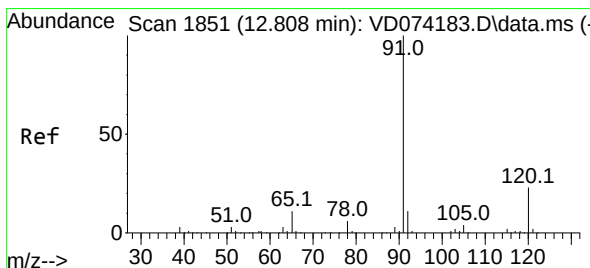
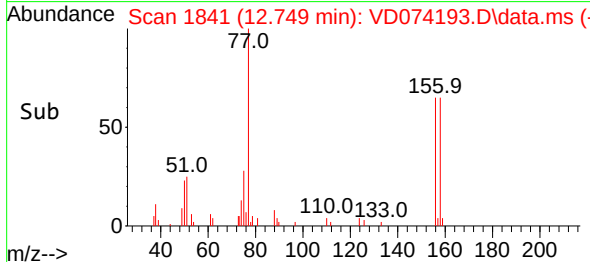
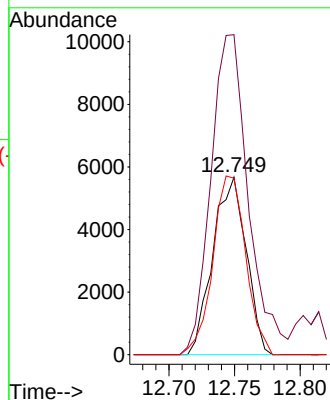
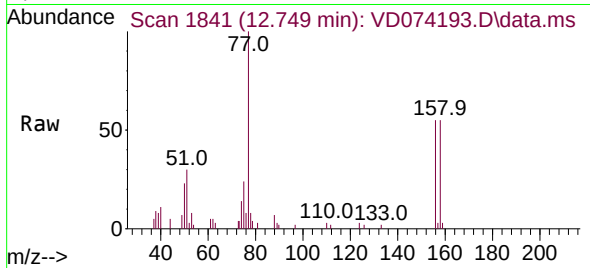




#77
Bromobenzene
Concen: 4.991 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

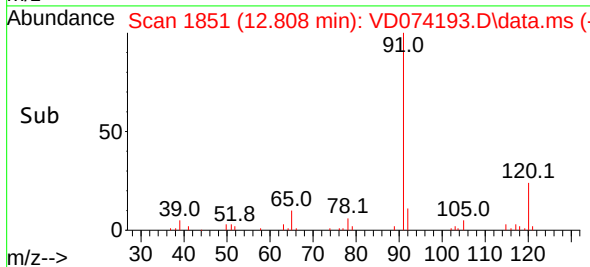
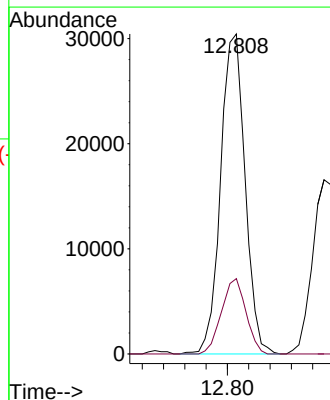
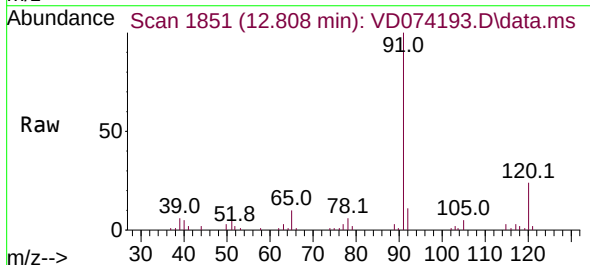
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

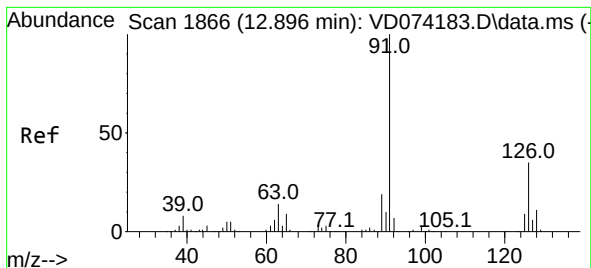
Tgt Ion:156 Resp: 10036
Ion Ratio Lower Upper
156 100
77 202.4 102.8 308.3
158 99.0 48.7 146.1



#78
n-propylbenzene
Concen: 4.667 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 91 Resp: 48448
Ion Ratio Lower Upper
91 100
120 23.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 4.768 ug/l

RT: 12.891 min Scan# 1865

Delta R.T. -0.005 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

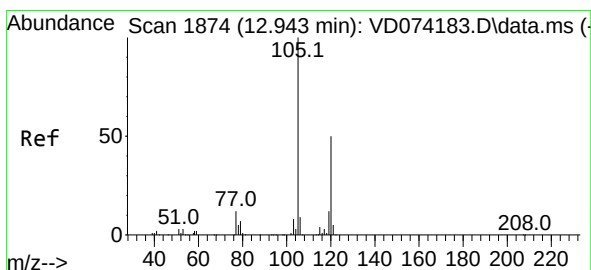
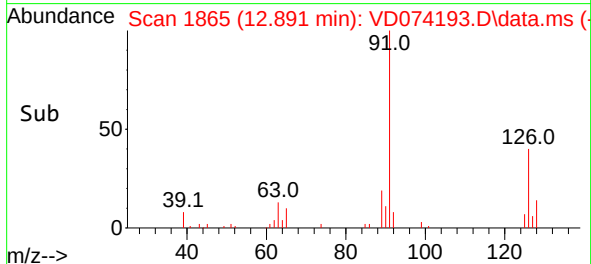
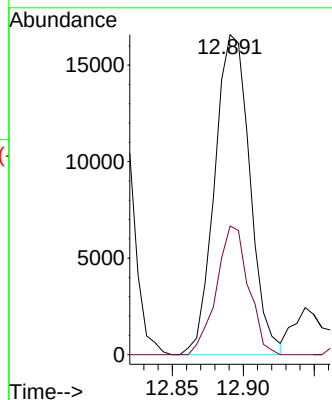
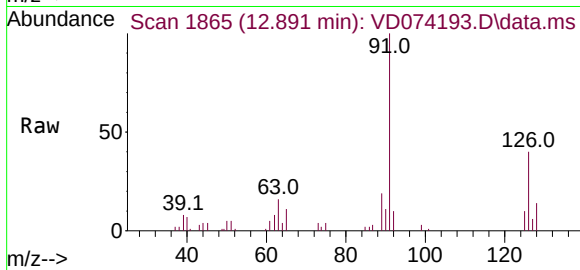
LOQ-SOIL-02-QT3-2022

Tgt Ion: 91 Resp: 28580

Ion Ratio Lower Upper

91 100

126 36.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 4.645 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. 0.001 min

Lab File: VD074193.D

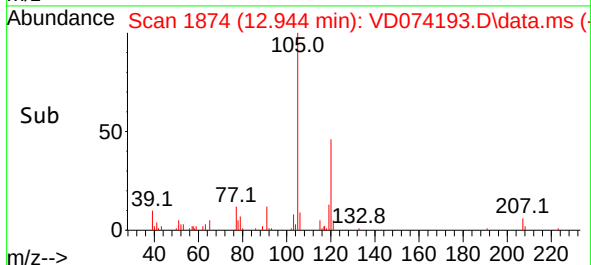
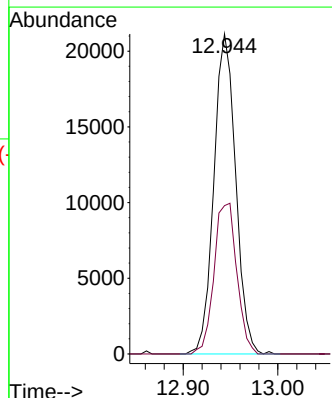
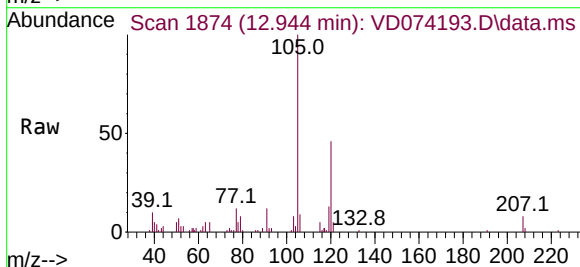
Acq: 23 Aug 2022 19:14

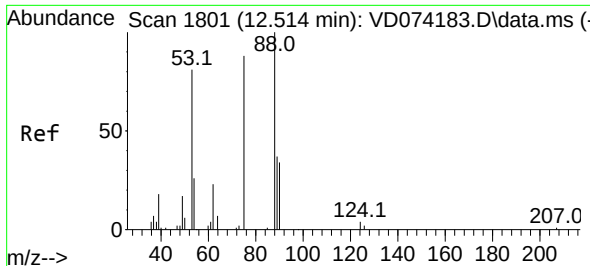
Tgt Ion: 105 Resp: 33873

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

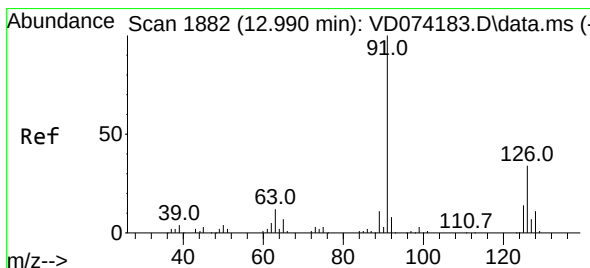
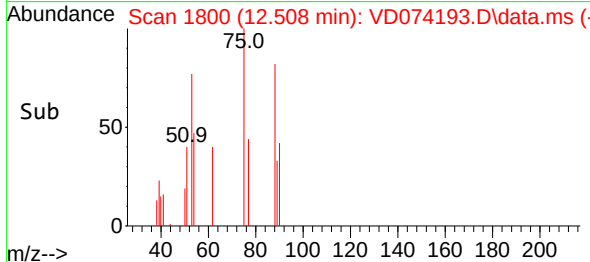
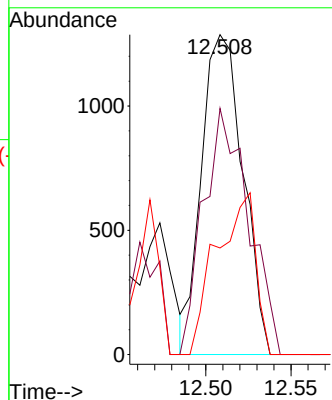
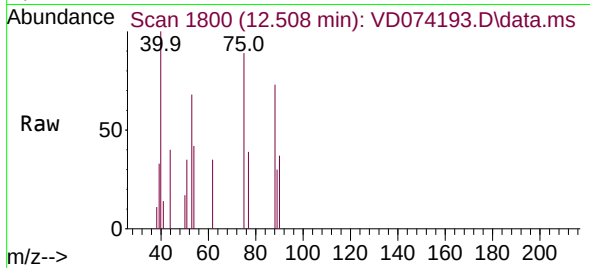




#81
trans-1,4-Dichloro-2-butene
Concen: 4.893 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

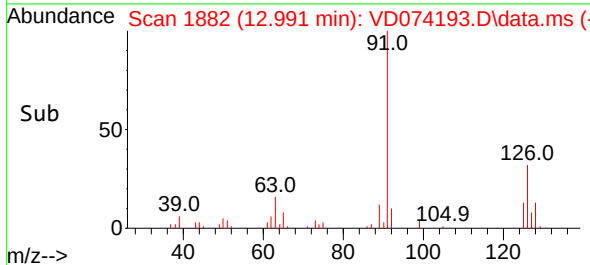
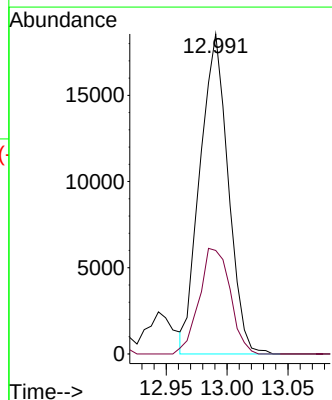
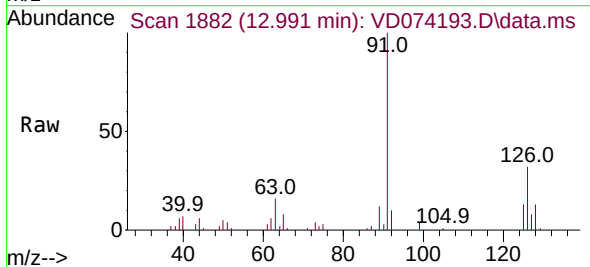
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2022

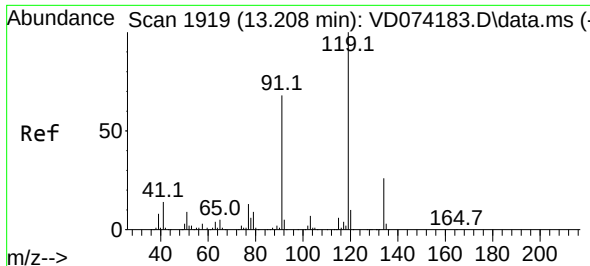
Tgt Ion: 75 Resp: 2178
Ion Ratio Lower Upper
75 100
53 83.7 86.5 129.7#
89 47.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 4.710 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 91 Resp: 29866
Ion Ratio Lower Upper
91 100
126 36.1 16.5 49.5

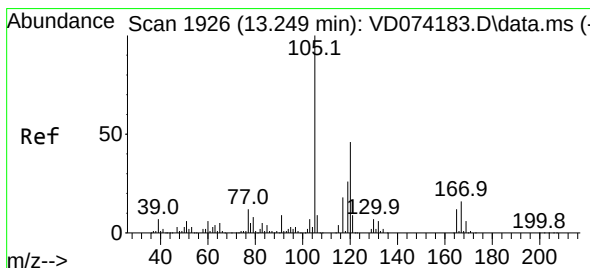
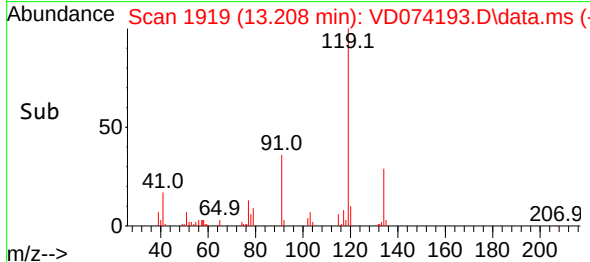
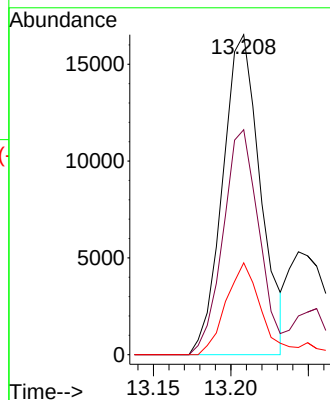
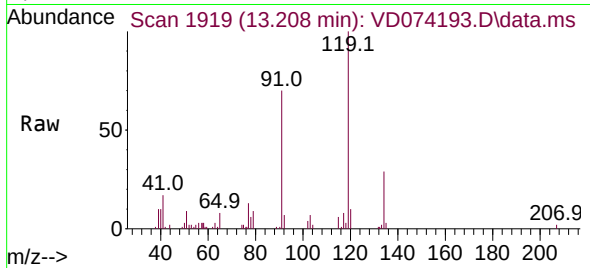




#83
tert-Butylbenzene
Concen: 4.565 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

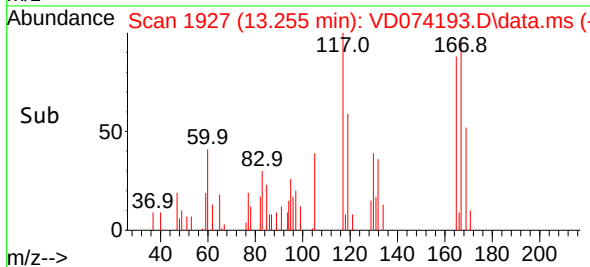
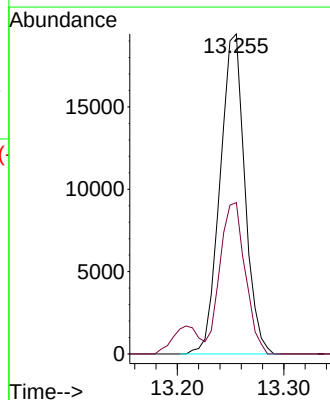
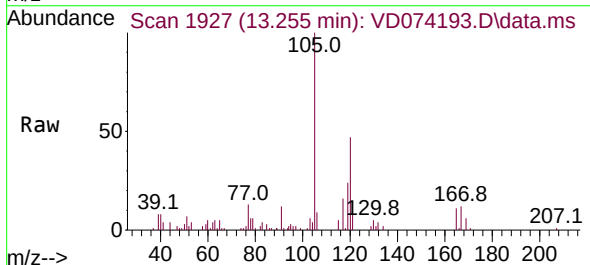
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

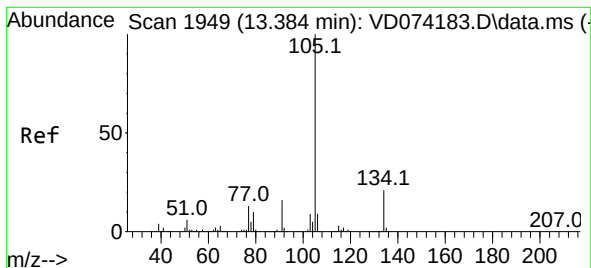
Tgt Ion:	119	Resp:	28038
Ion Ratio	Lower	Upper	
119	100		
91	66.9	34.8	104.5
134	26.6	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.419 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:	105	Resp:	31362
Ion Ratio	Lower	Upper	
105	100		
120	48.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 4.573 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

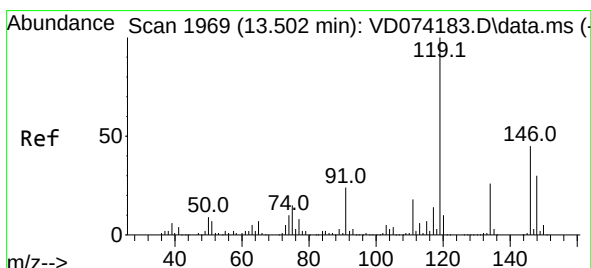
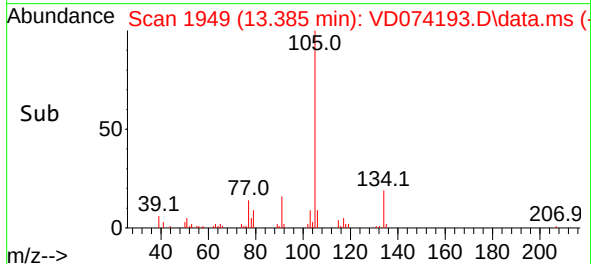
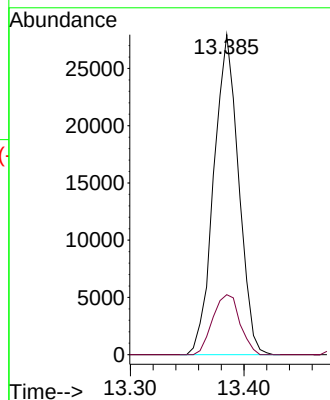
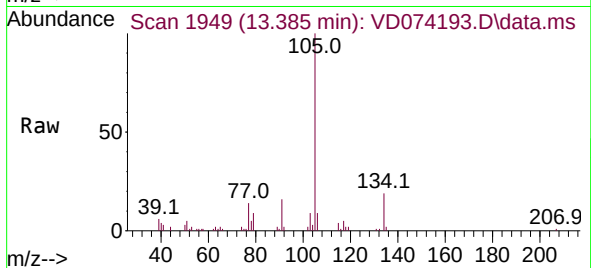
LOQ-SOIL-02-QT3-2022

Tgt Ion:105 Resp: 42460

Ion Ratio Lower Upper

105 100

134 20.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 4.534 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

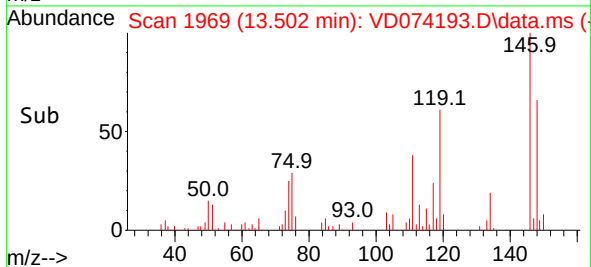
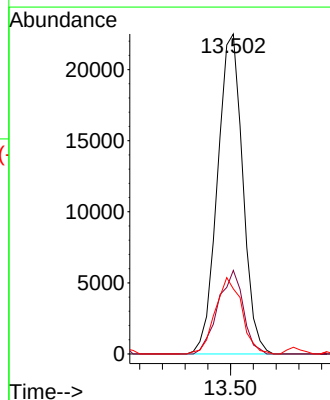
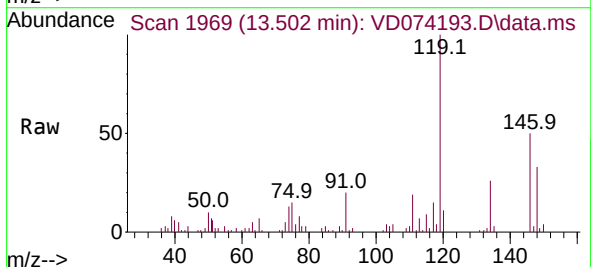
Tgt Ion:119 Resp: 34732

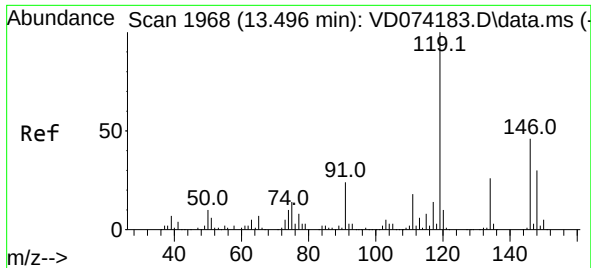
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 25.1 12.1 36.3

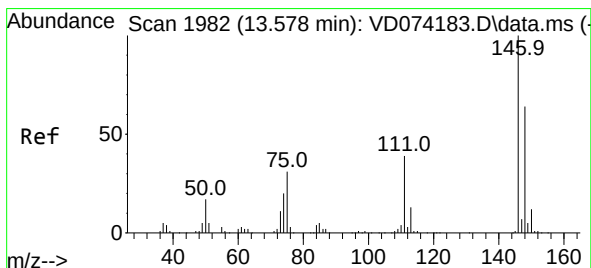
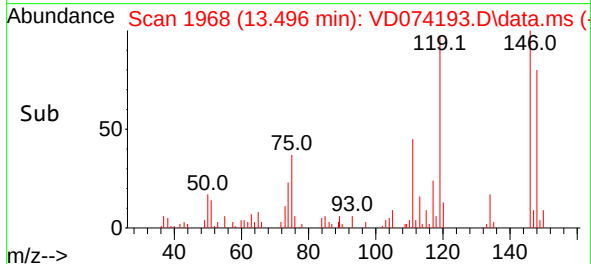
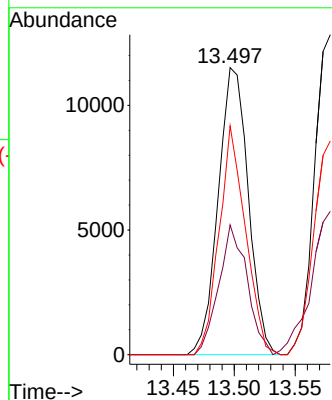
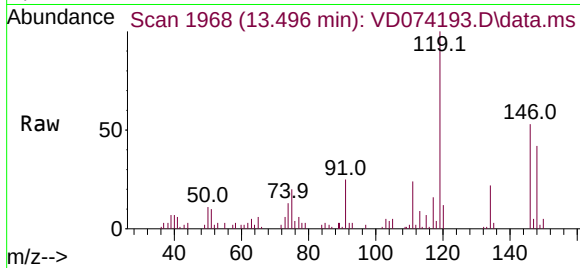




#87
 1,3-Dichlorobenzene
 Concen: 4.874 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

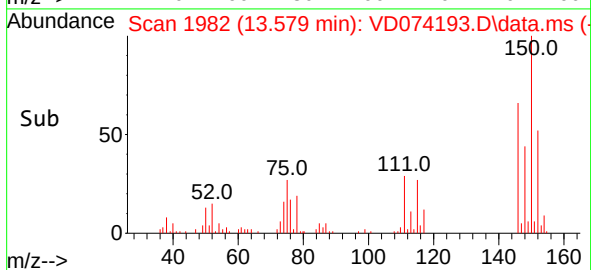
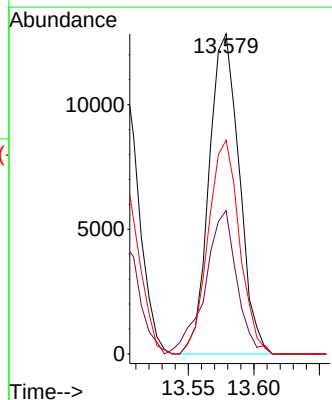
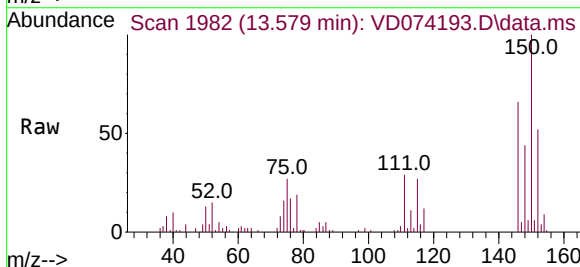
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

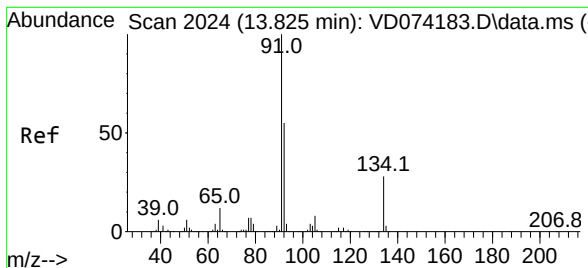
Tgt Ion:146 Resp: 19828
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.4 61.3
 148 69.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 5.016 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.001 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

Tgt Ion:146 Resp: 20556
 Ion Ratio Lower Upper
 146 100
 111 46.9 20.3 60.9
 148 69.1 31.7 95.1





#89

n-Butylbenzene

Concen: 4.593 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.001 min

Lab File: VD074193.D

Acq: 23 Aug 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2022

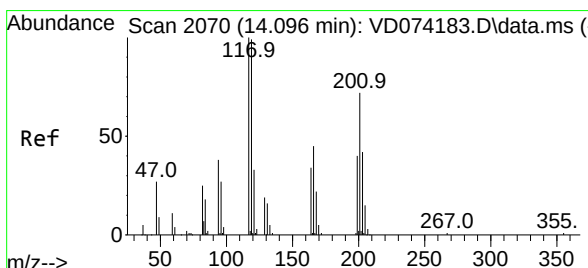
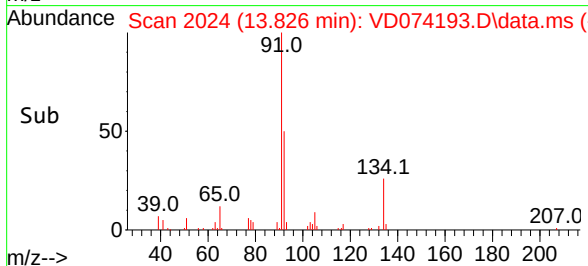
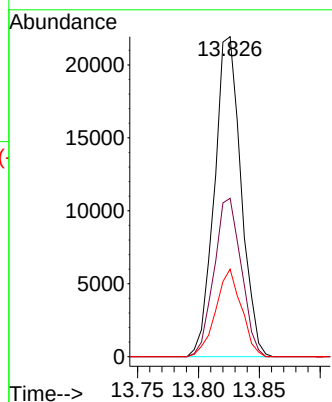
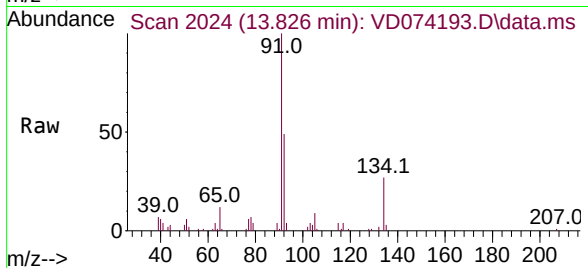
Tgt Ion: 91 Resp: 33352

Ion Ratio Lower Upper

91 100

92 50.6 26.6 79.8

134 26.4 12.3 36.9



#90

Hexachloroethane

Concen: 4.867 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.005 min

Lab File: VD074193.D

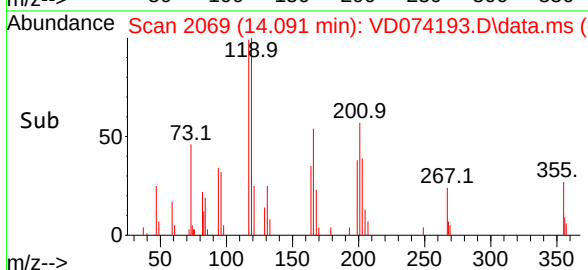
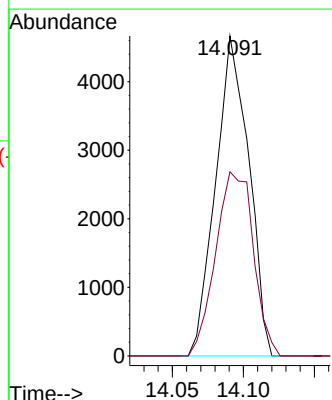
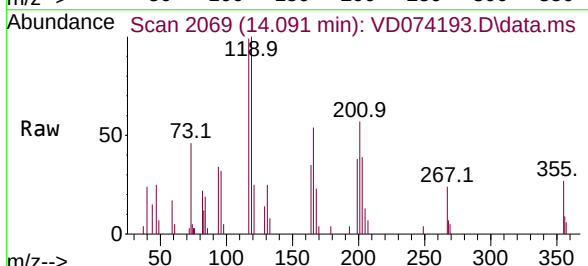
Acq: 23 Aug 2022 19:14

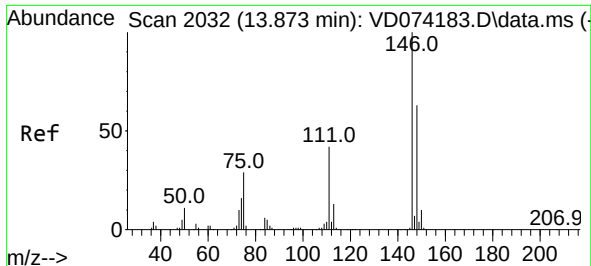
Tgt Ion: 117 Resp: 7565

Ion Ratio Lower Upper

117 100

201 65.5 33.4 100.2

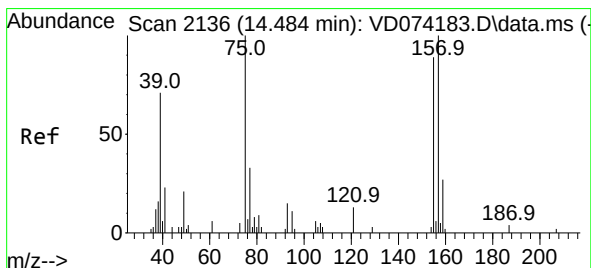
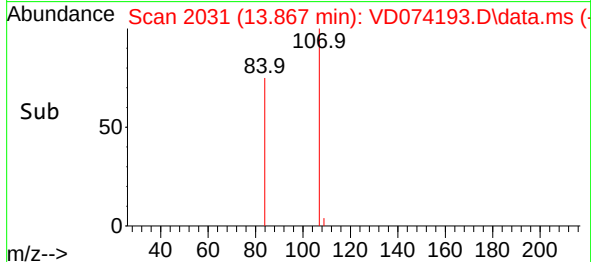
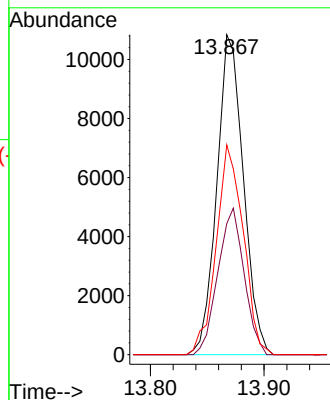
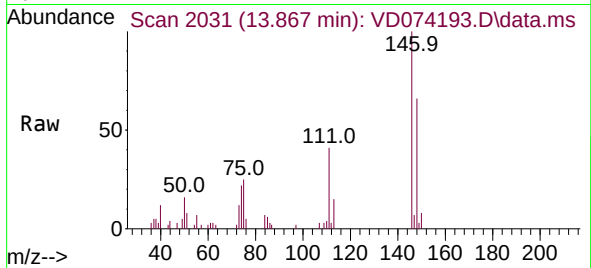




#91
1,2-Dichlorobenzene
Concen: 4.984 ug/l
RT: 13.867 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

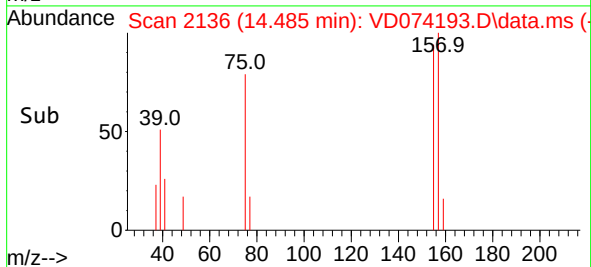
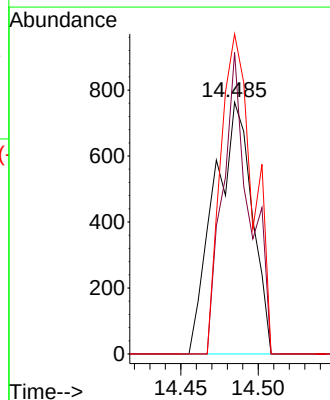
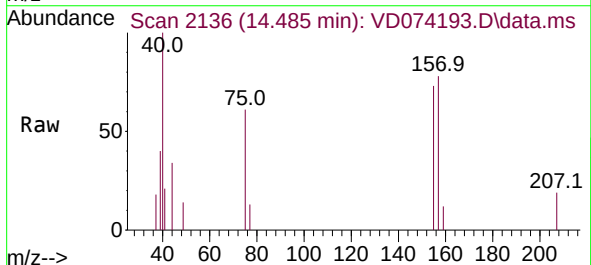
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

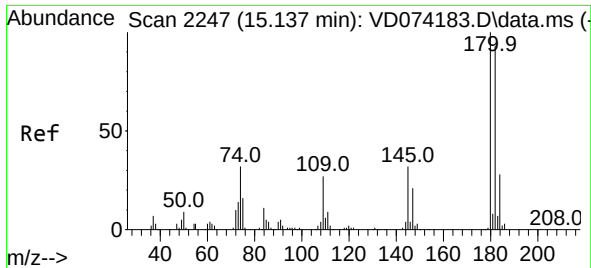
Tgt Ion:146	Resp:	17629
Ion Ratio	Lower	Upper
146	100	
111	45.3	21.1 63.3
148	66.6	31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.250 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.001 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion: 75	Resp:	1303
Ion Ratio	Lower	Upper
75	100	
155	85.0	36.8 110.3
157	107.3	48.4 145.0

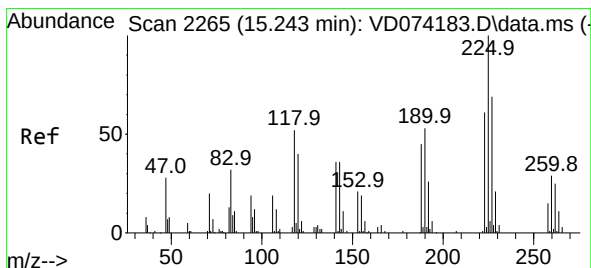
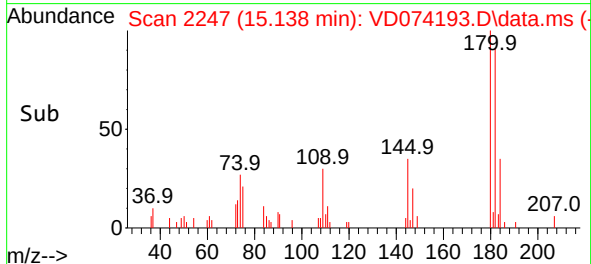
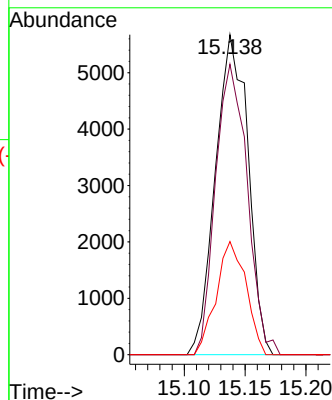
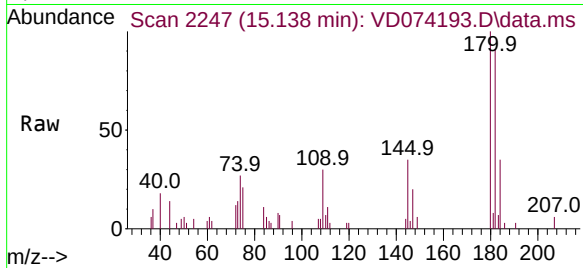




#93
 1,2,4-Trichlorobenzene
 Concen: 4.891 ug/l
 RT: 15.138 min Scan# 2247
 Delta R.T. 0.001 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

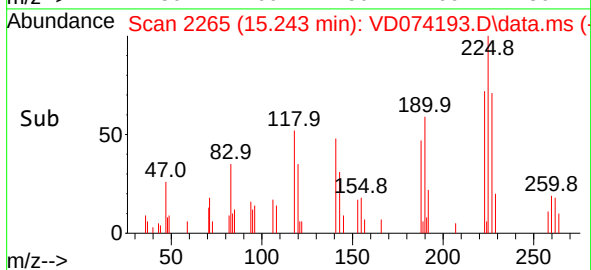
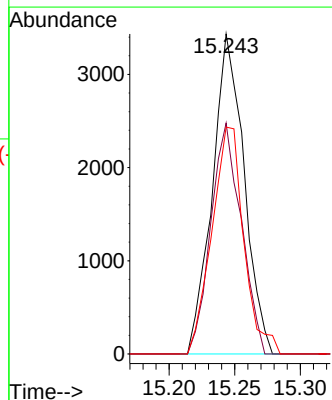
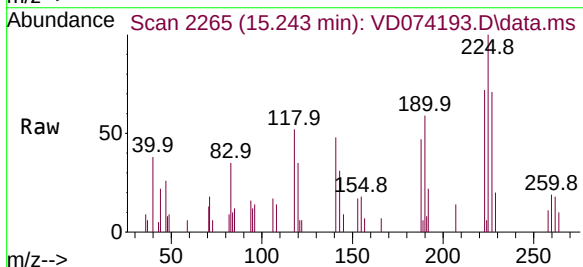
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

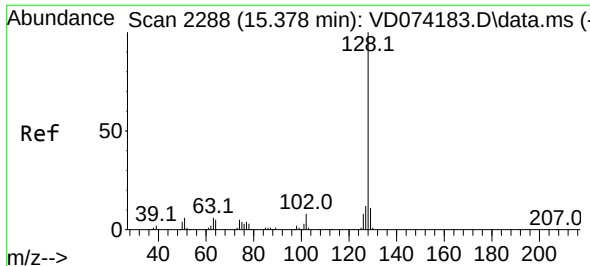
Tgt Ion:180 Resp: 10558
 Ion Ratio Lower Upper
 180 100
 182 88.1 47.3 142.0
 145 32.3 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 4.752 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074193.D
 Acq: 23 Aug 2022 19:14

Tgt Ion:225 Resp: 5757
 Ion Ratio Lower Upper
 225 100
 223 69.3 31.1 93.2
 227 71.7 32.4 97.0

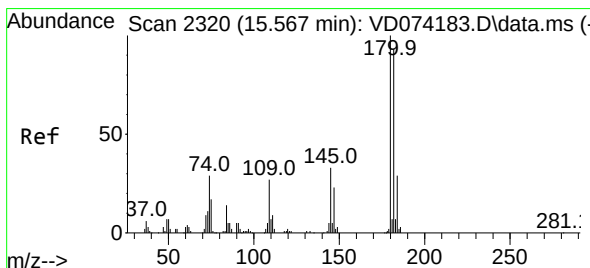
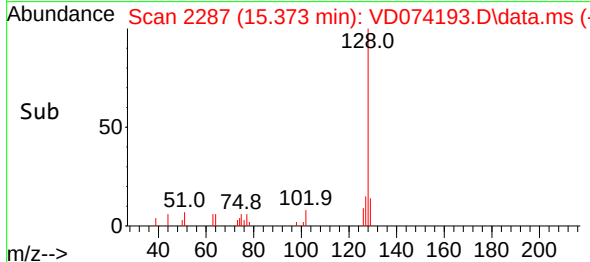
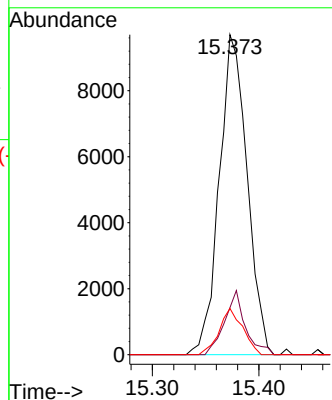
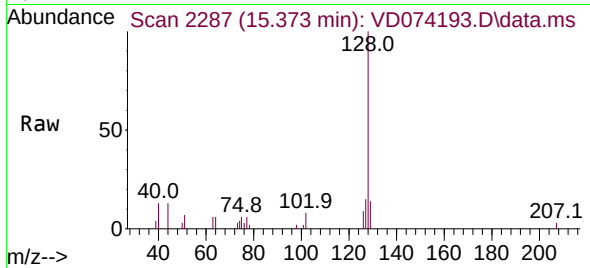




#95
Naphthalene
Concen: 4.507 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Tgt Ion:	128	Resp:	17604
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	12.2	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.802 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074193.D
Acq: 23 Aug 2022 19:14

Tgt Ion:	180	Resp:	9040
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.9
145	34.1	17.1	51.3

