

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006394.D
 Acq On : 14 Oct 2021 13:40
 Operator : SY/MD
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Oct 15 00:38:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 15 00:34:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	130190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70834	50.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.660%
35) Dibromofluoromethane	7.722	113	52764	49.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.185	98	213613	47.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.483	95	73579	48.354	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	7773	5.886	ug/l	96
3) Chloromethane	2.119	50	10491	6.821	ug/l	96
4) Vinyl Chloride	2.259	62	12213	7.164	ug/l	93
5) Bromomethane	2.656	94	8486	7.660	ug/l	97
6) Chloroethane	2.802	64	7200	7.178	ug/l	96
7) Trichlorofluoromethane	3.131	101	15631	6.961	ug/l	90
8) Diethyl Ether	3.534	74	5279	7.118	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	8152	6.801	ug/l	97
10) Methyl Iodide	4.101	142	7177	5.494	ug/l	94
11) Tert butyl alcohol	4.966	59	5158m	42.317	ug/l	
12) 1,1-Dichloroethene	3.887	96	8165	6.696	ug/l	86
13) Acrolein	3.747	56	2322	29.915	ug/l	91
14) Allyl chloride	4.485	41	16097	6.865	ug/l	93
15) Acrylonitrile	5.167	53	13160	33.737	ug/l	99
16) Acetone	3.960	43	13840	35.562	ug/l	99
17) Carbon Disulfide	4.210	76	27239	6.679	ug/l	96
18) Methyl Acetate	4.491	43	10390	7.917	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	23166	6.506	ug/l	99
20) Methylene Chloride	4.729	84	23629	15.600	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	9254	6.845	ug/l	94
22) Diisopropyl ether	6.131	45	30526	6.580	ug/l #	94
23) Vinyl Acetate	6.070	43	85303	30.677	ug/l	97
24) 1,1-Dichloroethane	6.021	63	17686	7.101	ug/l	97
25) 2-Butanone	6.996	43	15771	29.091	ug/l	91
26) 2,2-Dichloropropane	6.990	77	13943	6.122	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	8875	5.862	ug/l	96
28) Bromochloromethane	7.344	49	6089	5.872	ug/l	100
29) Tetrahydrofuran	7.362	42	9547	27.880	ug/l	94
30) Chloroform	7.508	83	14908	6.001	ug/l	99
31) Cyclohexane	7.795	56	15717	5.954	ug/l #	82
32) 1,1,1-Trichloroethane	7.710	97	14123	6.157	ug/l	98
36) 1,1-Dichloropropene	7.923	75	11637	5.839	ug/l	99
37) Ethyl Acetate	7.082	43	6939	5.976	ug/l	99
38) Carbon Tetrachloride	7.905	117	12640	6.006	ug/l	95
39) Methylcyclohexane	9.191	83	13683	5.465	ug/l	93
40) Benzene	8.167	78	33405	5.907	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	5320m	7.063	ug/l	
42) 1,2-Dichloroethane	8.240	62	11669	6.405	ug/l	99
43) Isopropyl Acetate	8.277	43	12709	5.707	ug/l	95
44) Trichloroethene	8.947	130	8969	6.141	ug/l	95
45) 1,2-Dichloropropane	9.216	63	8029	5.768	ug/l	94
46) Dibromomethane	9.307	93	4593	6.196	ug/l	99
47) Bromodichloromethane	9.502	83	11685	6.122	ug/l	95
48) Methyl methacrylate	9.301	41	6189	5.793	ug/l	94
49) 1,4-Dioxane	9.307	88	1179	121.908	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	32844	28.404	ug/l	97
52) Toluene	10.246	92	20300	5.788	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	12059	5.795	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	13295	5.811	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	6349	6.087	ug/l	91
56) Ethyl methacrylate	10.514	69	8784	5.541	ug/l	90
57) 1,3-Dichloropropane	10.794	76	11172	5.919	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	20558	26.466	ug/l	96
59) 2-Hexanone	10.837	43	22385	27.180	ug/l	97
60) Dibromochloromethane	10.990	129	7739	6.107	ug/l	98
61) 1,2-Dibromoethane	11.087	107	5696	5.768	ug/l	98
64) Tetrachloroethene	10.721	164	9870	6.586	ug/l	94
65) Chlorobenzene	11.520	112	21691	5.883	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	7814	5.751	ug/l	96
67) Ethyl Benzene	11.593	91	38153	5.490	ug/l	97
68) m/p-Xylenes	11.703	106	29274	11.100	ug/l	97
69) o-Xylene	12.032	106	13772	5.529	ug/l	96
70) Styrene	12.044	104	22734	5.374	ug/l	100
71) Bromoform	12.209	173	4817	5.701	ug/l #	98
73) Isopropylbenzene	12.331	105	36932	5.265	ug/l	99
74) N-amyl acetate	12.142	43	10785	4.954	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	6657	5.255	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	5828m	6.123	ug/l	
77) Bromobenzene	12.611	156	8870	5.393	ug/l	97
78) n-propylbenzene	12.672	91	46165	5.347	ug/l	98
79) 2-Chlorotoluene	12.758	91	25752	5.390	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	30465	5.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	2656	5.484	ug/l	94
82) 4-Chlorotoluene	12.855	91	26726	5.408	ug/l	98
83) tert-Butylbenzene	13.075	119	26231	5.231	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	29789	5.143	ug/l	99
85) sec-Butylbenzene	13.251	105	39908	5.266	ug/l	98
86) p-Isopropyltoluene	13.367	119	33714	5.272	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	18146	5.569	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	18324	5.703	ug/l	94
89) n-Butylbenzene	13.696	91	31377	5.164	ug/l	99
90) Hexachloroethane	13.959	117	6357	5.474	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	16359	5.741	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1307	5.415	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	10481	5.567	ug/l	98
94) Hexachlorobutadiene	15.111	225	7319	5.959	ug/l	99
95) Naphthalene	15.233	128	18465	4.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	8766	5.253	ug/l	97

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QLast Update : Fri Oct 15 00:34:39 2021
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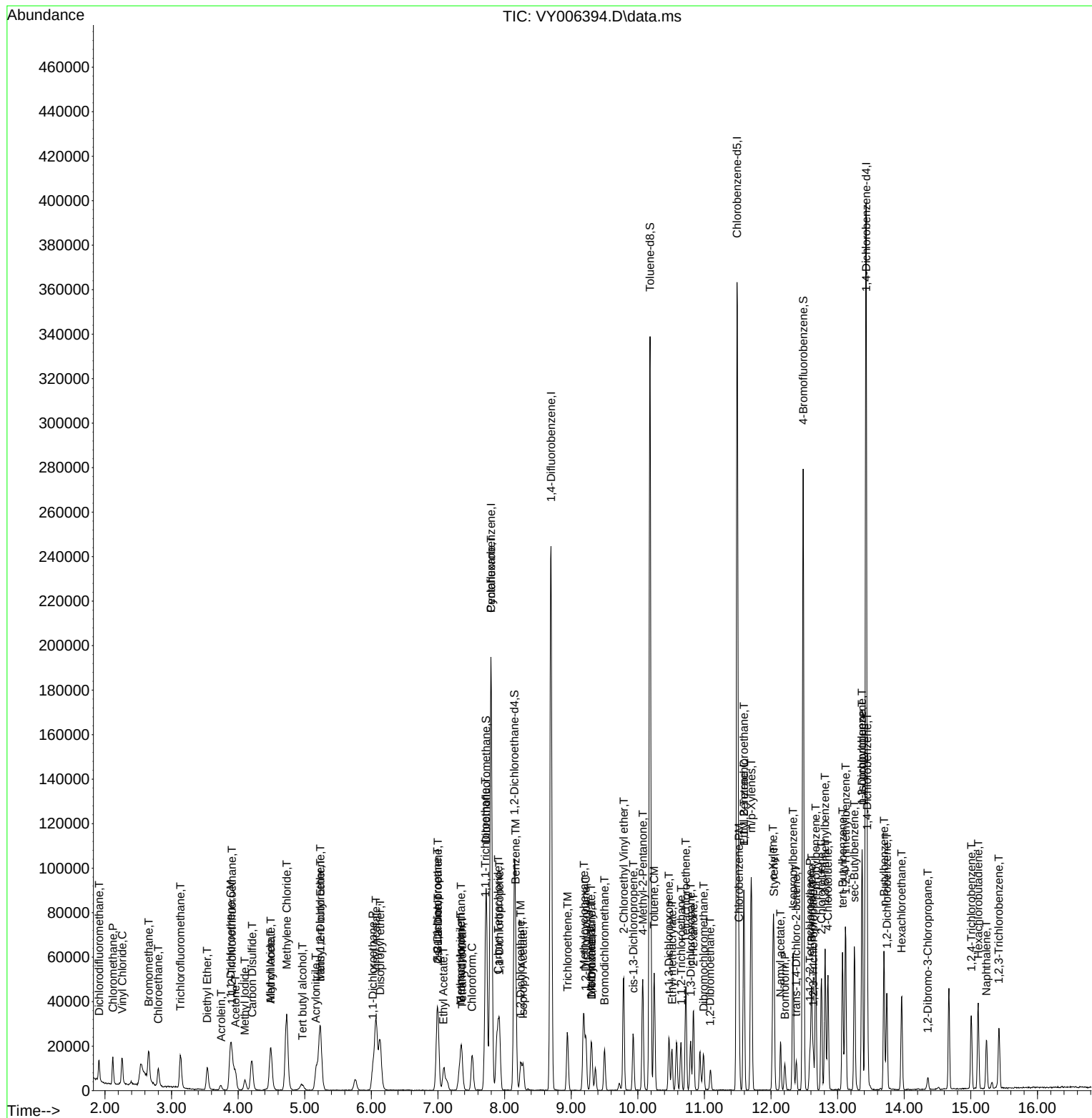
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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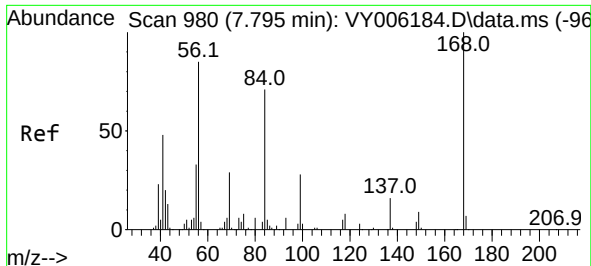
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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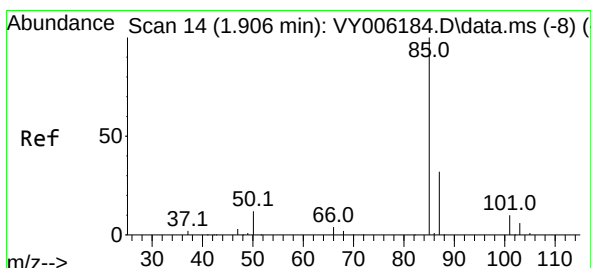
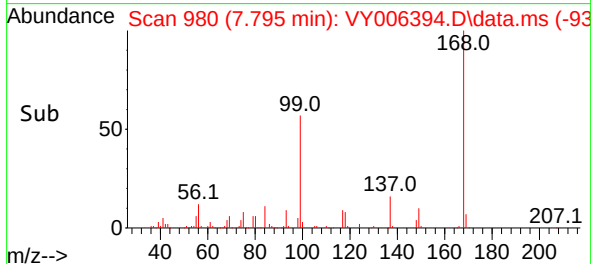
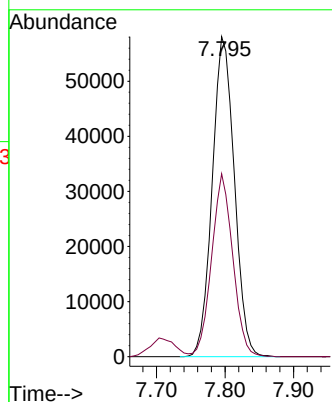
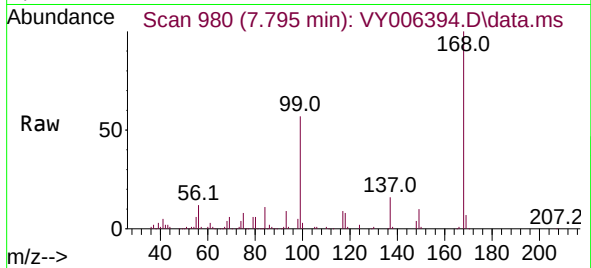




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006394.D
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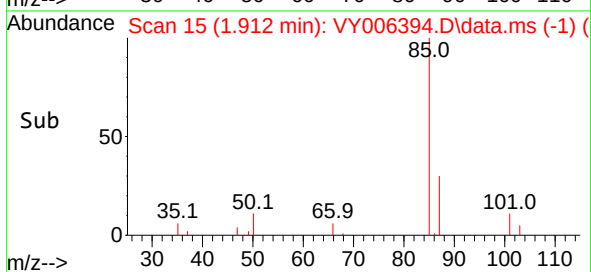
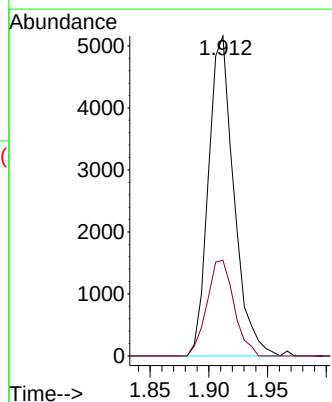
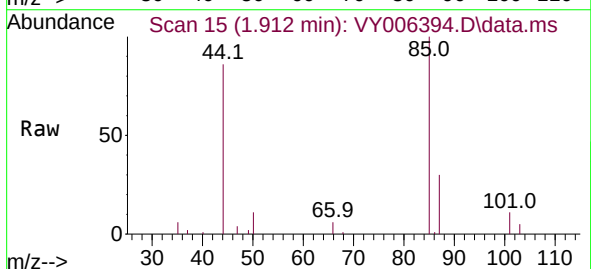
Instrument :
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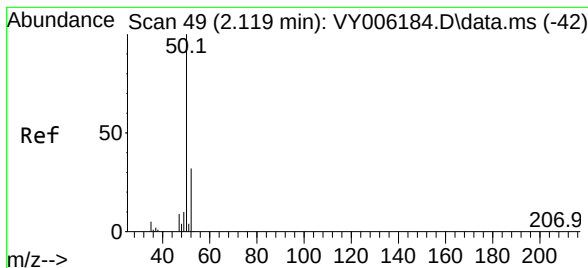
Tgt Ion:168 Resp: 130190
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.886 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 85 Resp: 7773
Ion Ratio Lower Upper
85 100
87 29.9 16.1 48.2

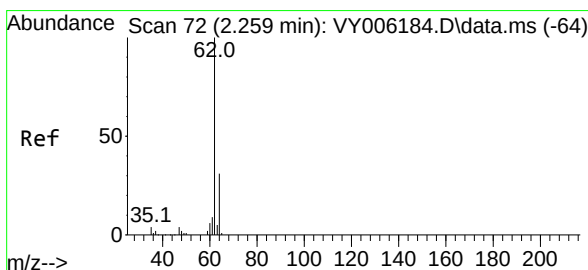
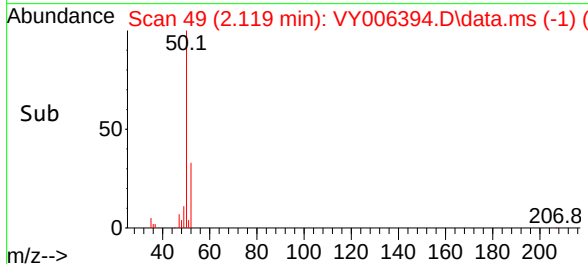
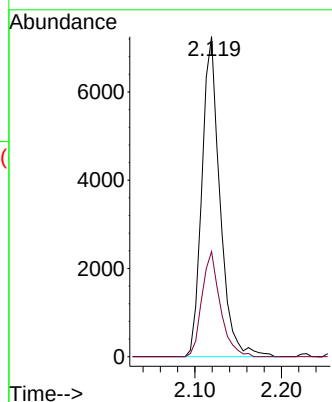
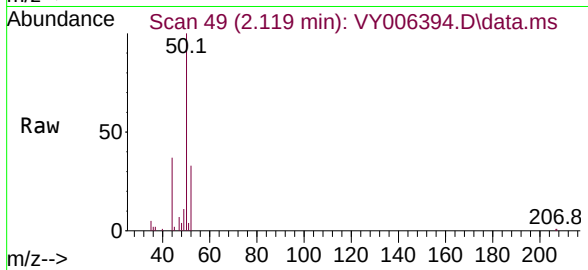




#3
Chloromethane
Concen: 6.821 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

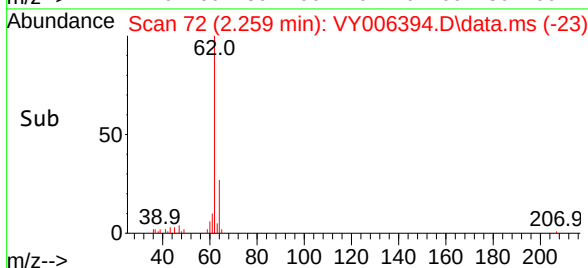
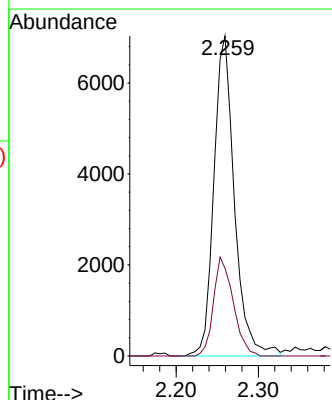
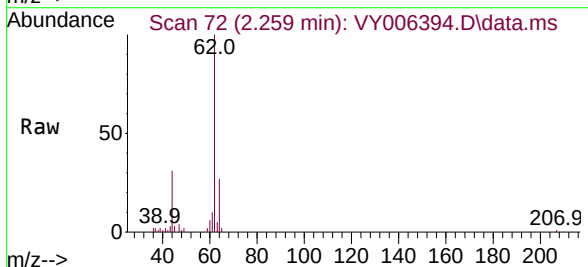
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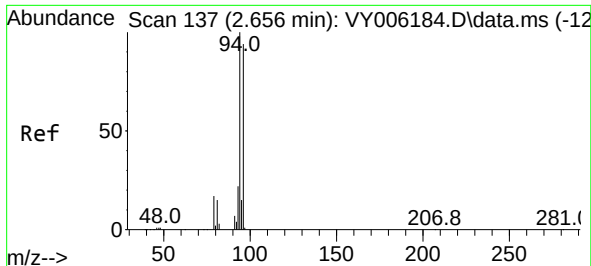
Tgt Ion: 50 Resp: 10491
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 7.164 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 62 Resp: 12213
Ion Ratio Lower Upper
62 100
64 27.4 25.0 37.6

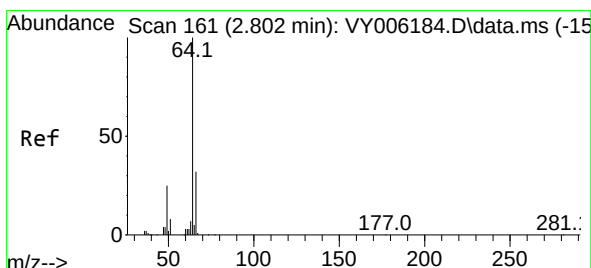
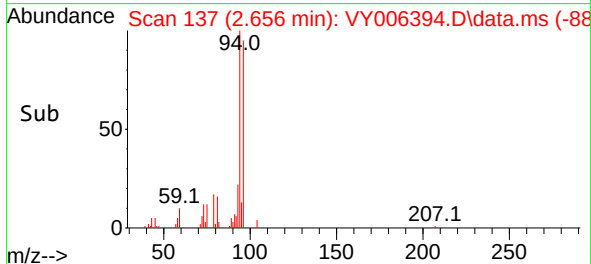
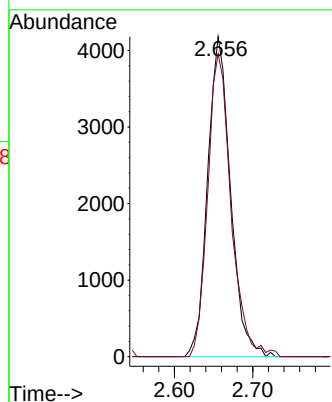
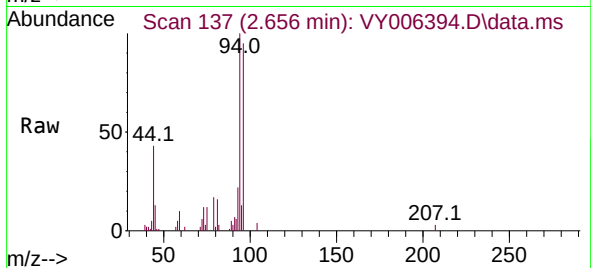




#5
Bromomethane
Concen: 7.660 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY006394.D
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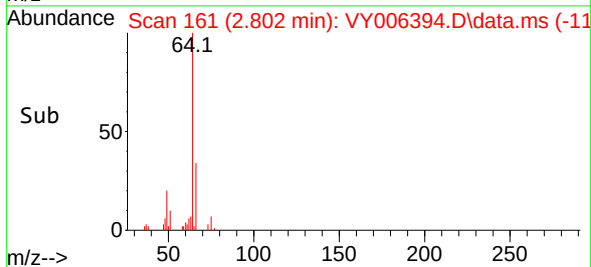
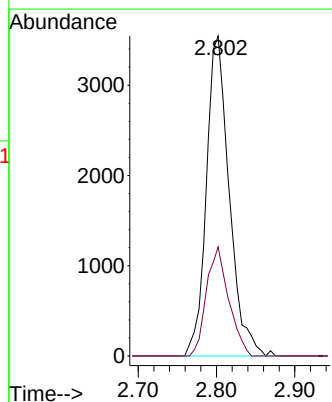
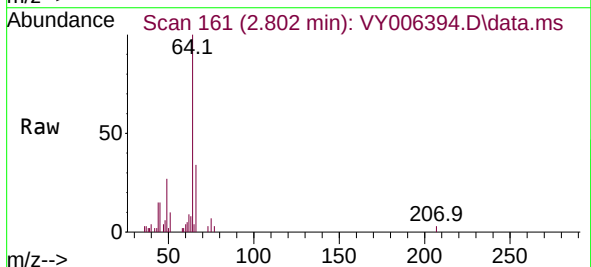
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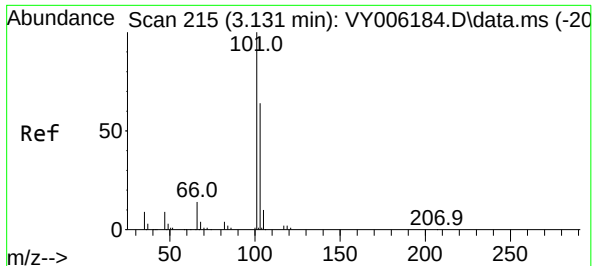
Tgt Ion: 94 Resp: 8486
Ion Ratio Lower Upper
94 100
96 94.6 73.5 110.3



#6
Chloroethane
Concen: 7.178 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006394.D
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Tgt Ion: 64 Resp: 7200
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.0

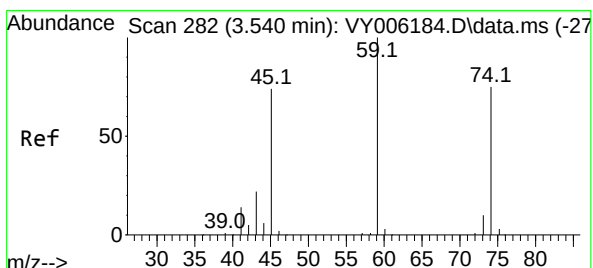
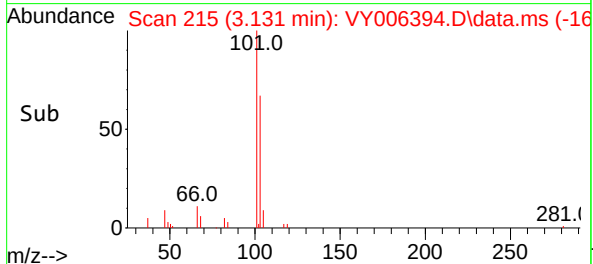
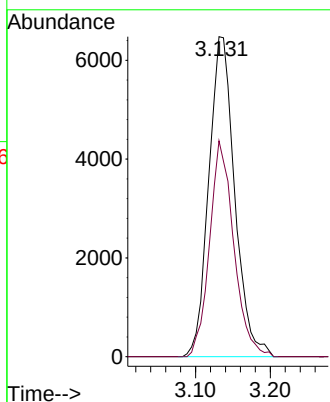
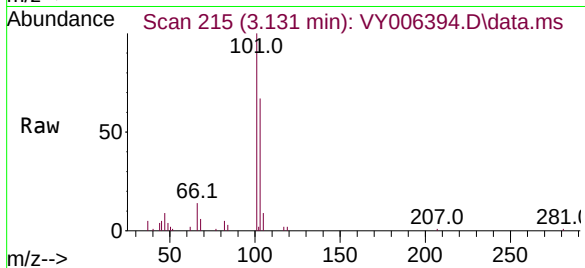




#7
Trichlorofluoromethane
Concen: 6.961 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

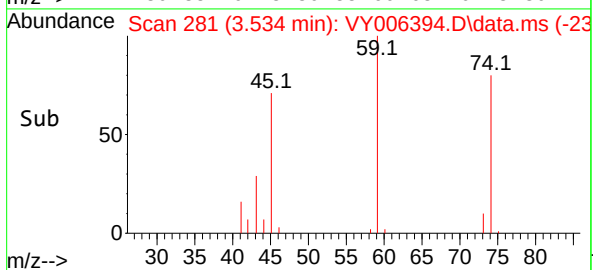
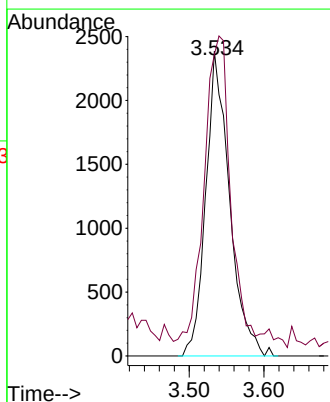
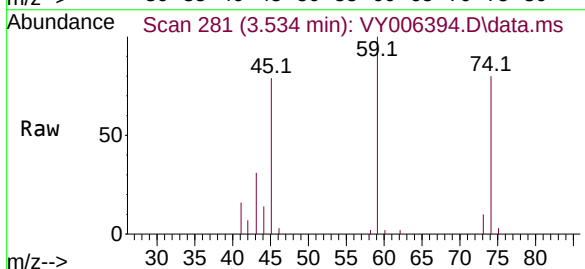
Instrument :
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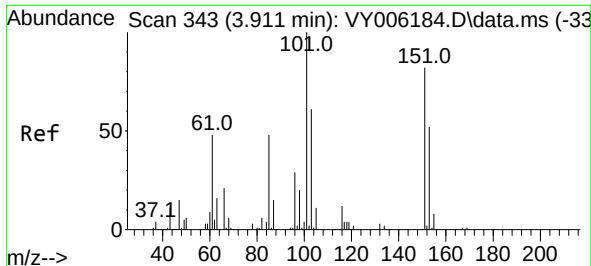
Tgt Ion:101 Resp: 15631
Ion Ratio Lower Upper
101 100
103 67.5 48.0 72.0



#8
Diethyl Ether
Concen: 7.118 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 5279
Ion Ratio Lower Upper
74 100
45 108.5 55.1 165.5

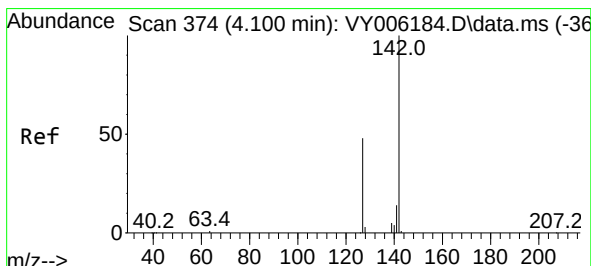
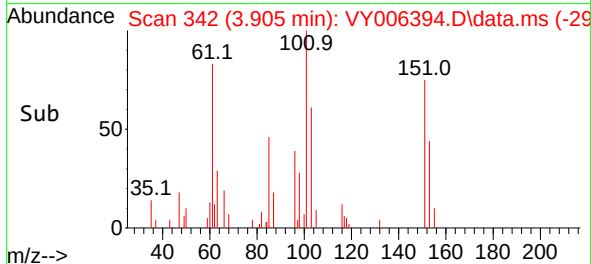
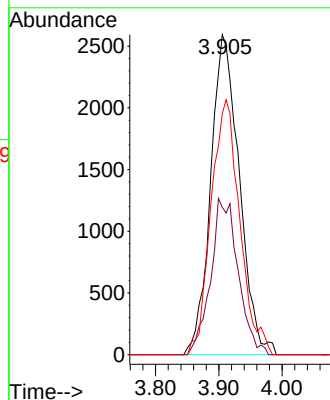
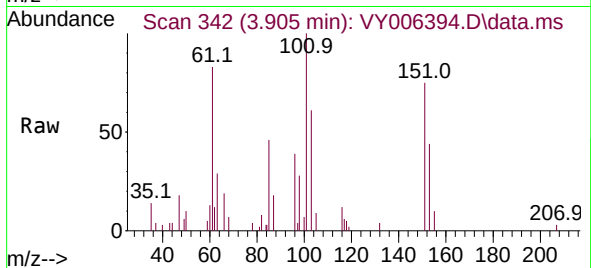




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.801 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

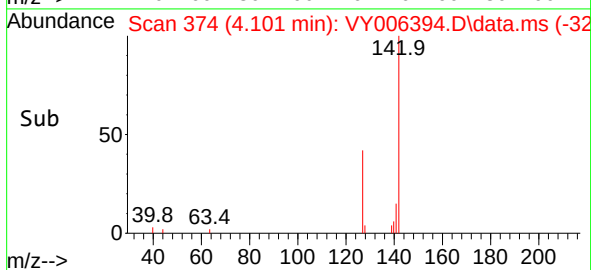
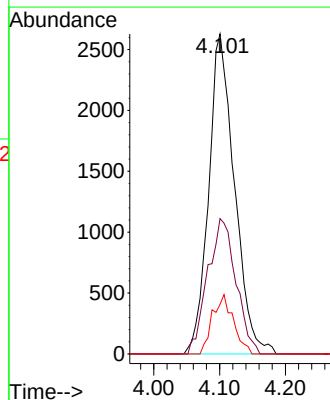
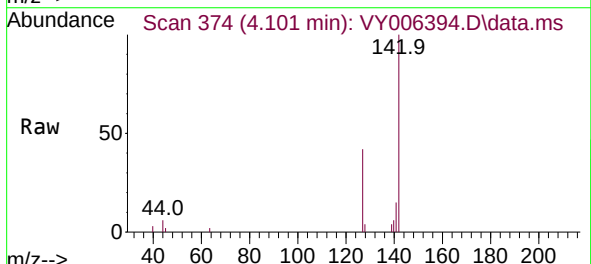
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

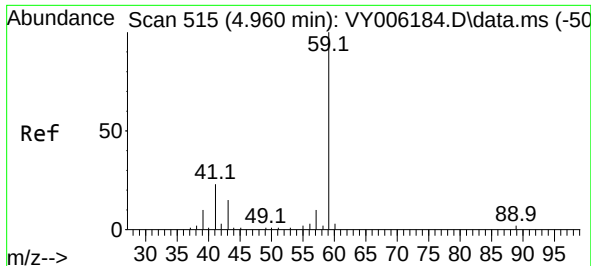
Tgt Ion:	101	Resp:	8152
Ion	Ratio	Lower	Upper
101	100		
85	46.7	40.6	60.8
151	79.8	64.9	97.3



#10
Methyl Iodide
Concen: 5.494 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.001 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	142	Resp:	7177
Ion	Ratio	Lower	Upper
142	100		
127	46.3	41.5	62.3
141	15.0	11.9	17.9

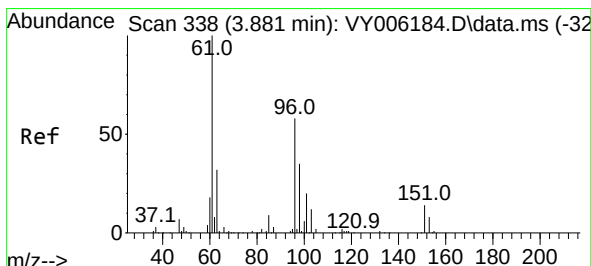
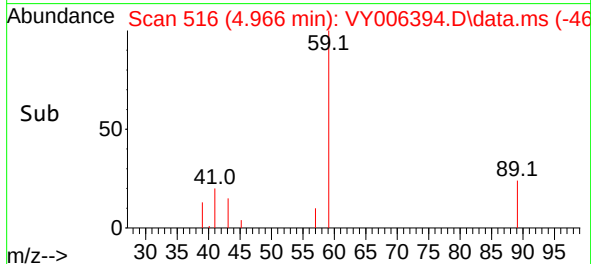
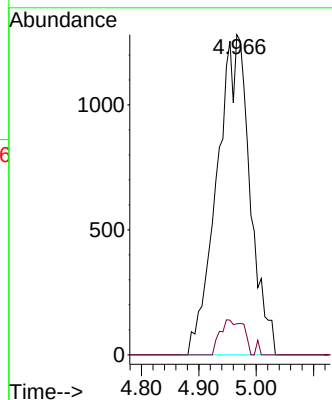
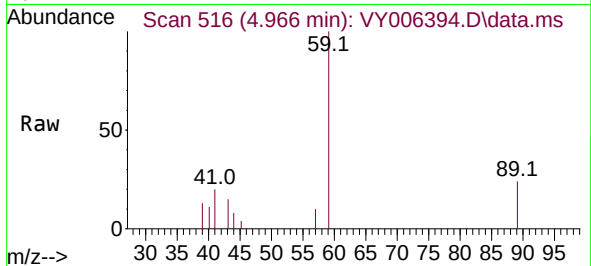




#11
Tert butyl alcohol
Concen: 42.317 ug/l m
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

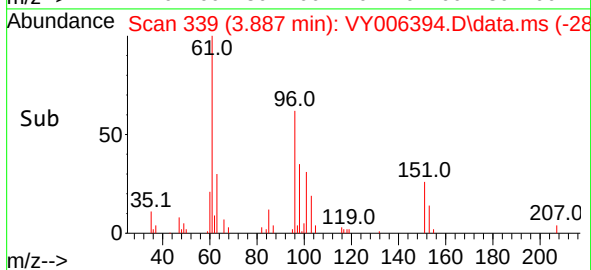
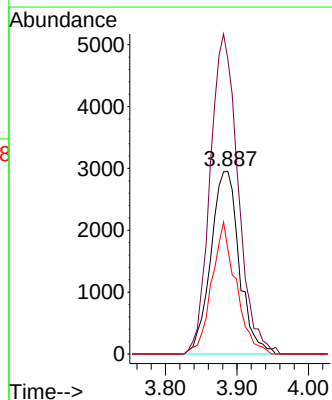
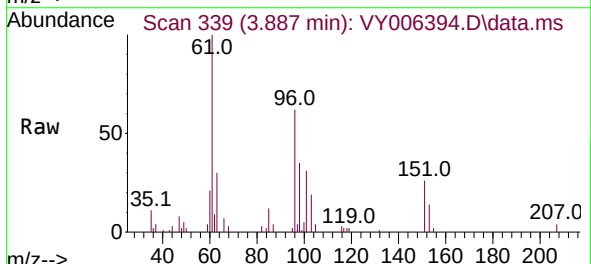
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

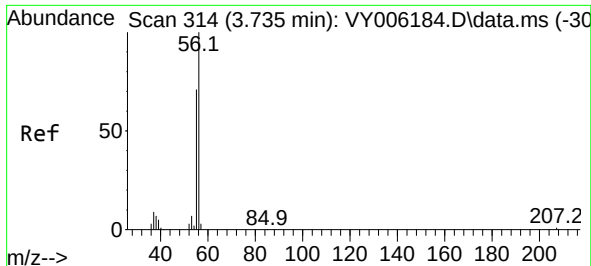
Tgt Ion: 59 Resp: 5158
Ion Ratio Lower Upper
59 100
57 7.7 6.4 9.6



#12
1,1-Dichloroethene
Concen: 6.696 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 96 Resp: 8165
Ion Ratio Lower Upper
96 100
61 161.2 145.8 218.6
98 57.1 52.5 78.7

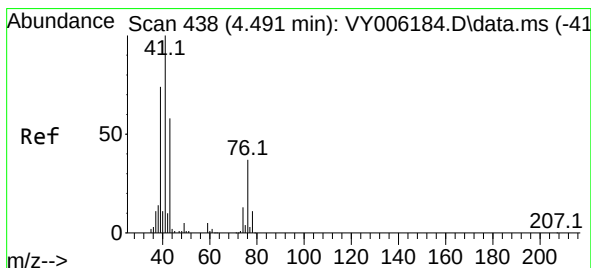
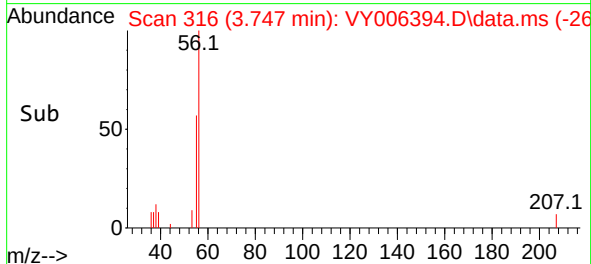
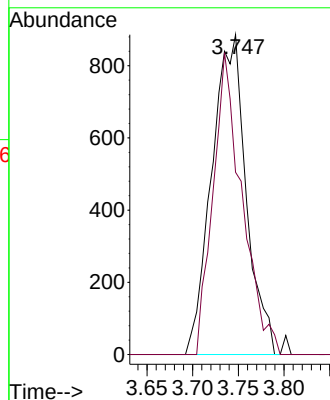
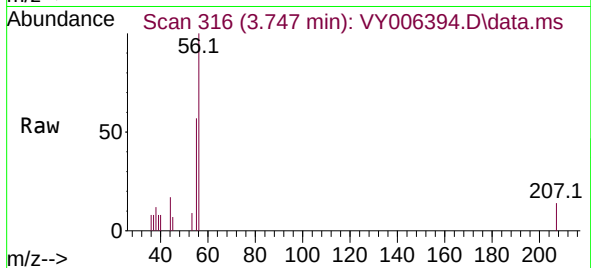




#13
Acrolein
Concen: 29.915 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

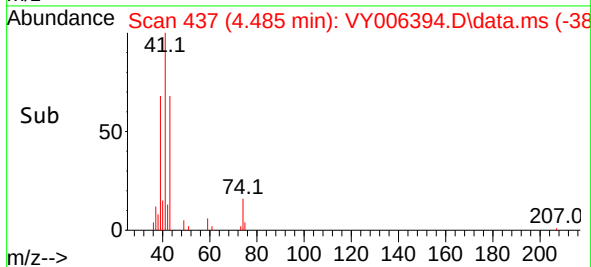
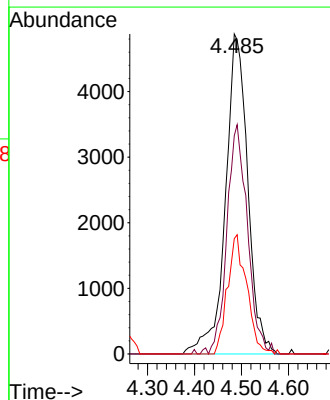
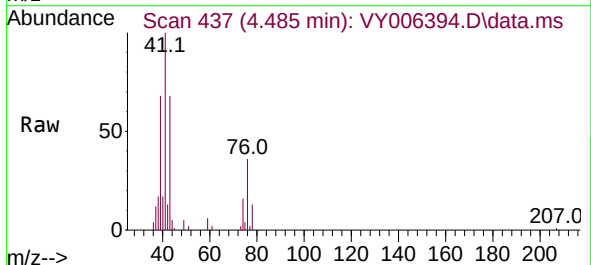
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

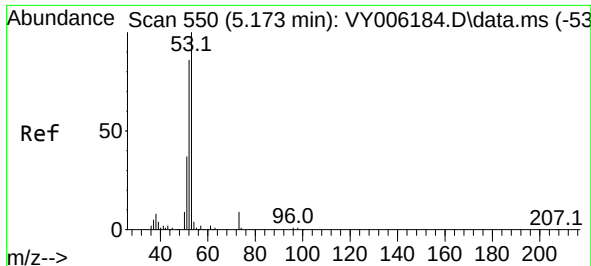
Tgt Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
55 79.4 57.6 86.4



#14
Allyl chloride
Concen: 6.865 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 41 Resp: 16097
Ion Ratio Lower Upper
41 100
39 65.9 58.8 88.2
76 32.1 25.1 37.7

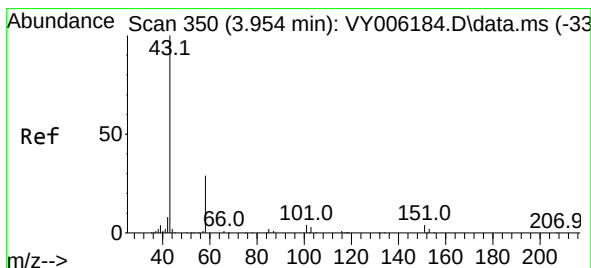
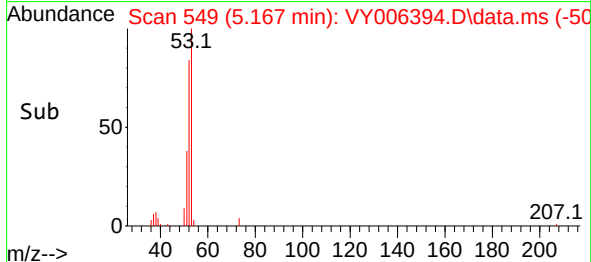
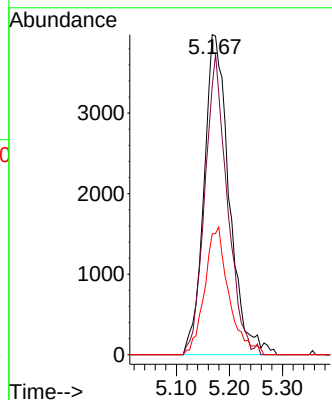
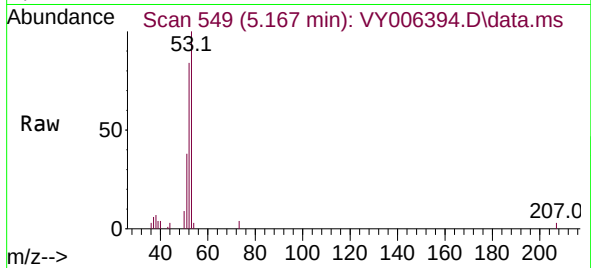




#15
Acrylonitrile
Concen: 33.737 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

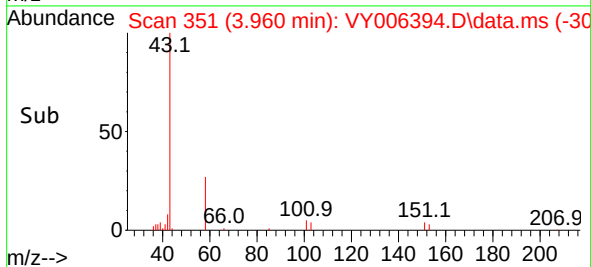
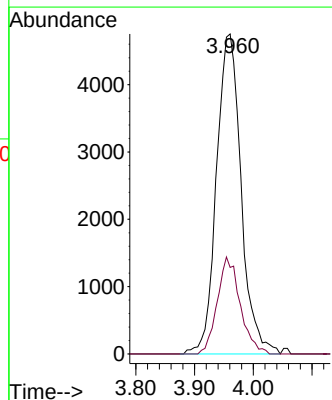
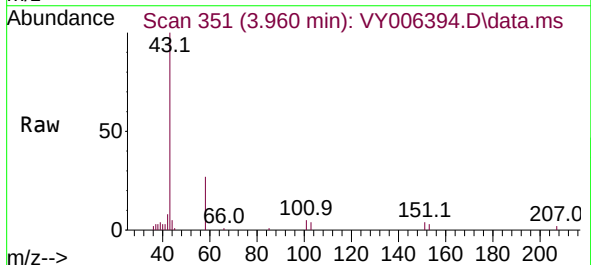
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

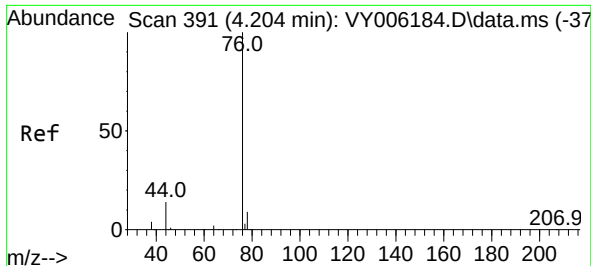
Tgt Ion: 53	Resp: 13160
Ion Ratio	Lower Upper
53 100	
52 83.8	67.0 100.4
51 38.2	29.8 44.6



#16
Acetone
Concen: 35.562 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 43	Resp: 13840
Ion Ratio	Lower Upper
43 100	
58 27.1	22.0 33.0

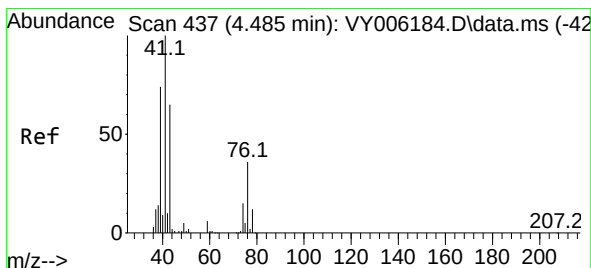
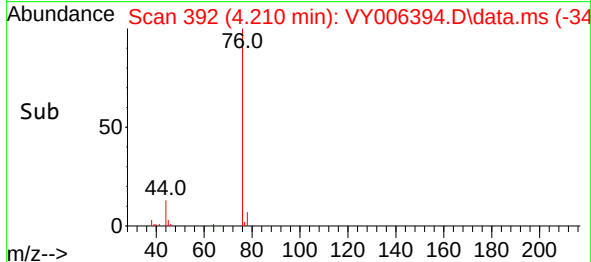
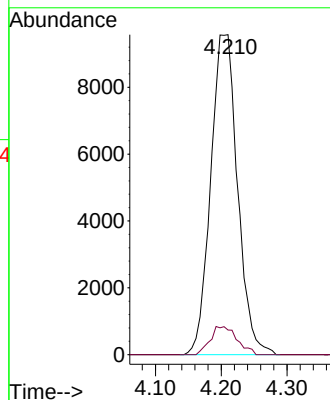
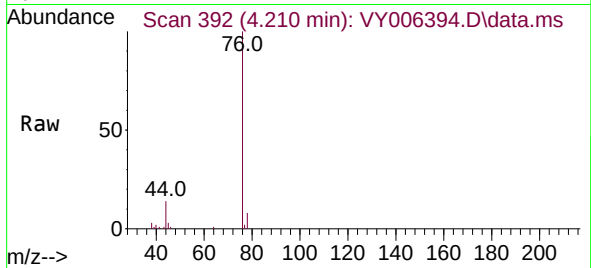




#17
Carbon Disulfide
Concen: 6.679 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

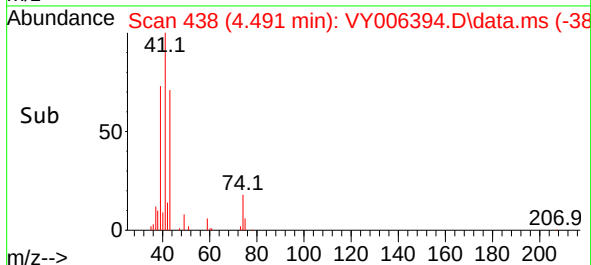
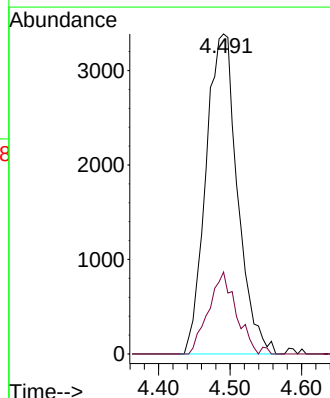
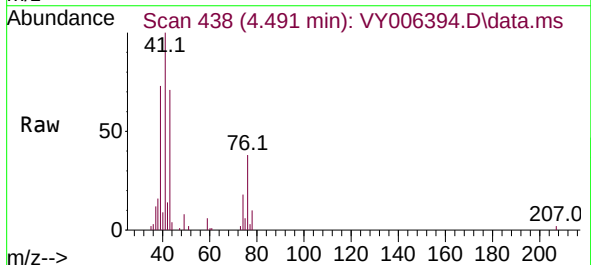
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

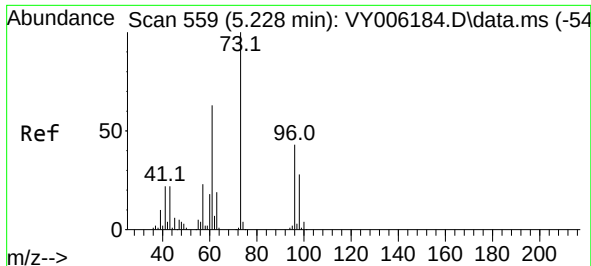
Tgt Ion: 76 Resp: 27239
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 7.917 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 43 Resp: 10390
Ion Ratio Lower Upper
43 100
74 22.1 16.6 24.8

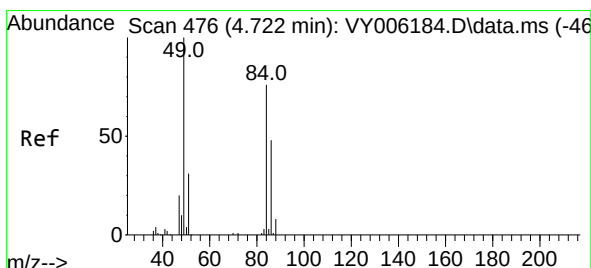
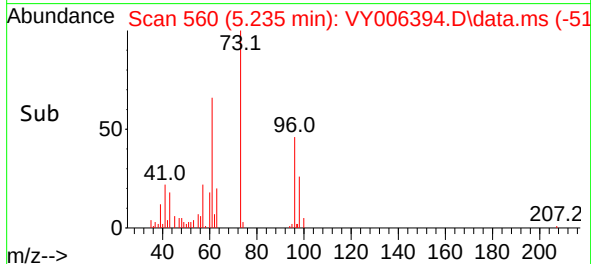
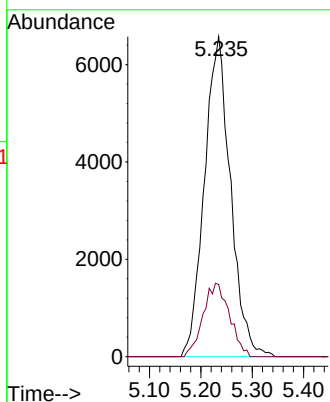
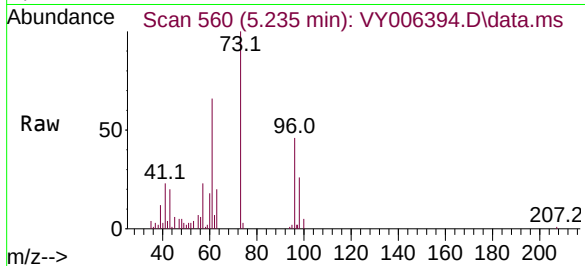




#19
Methyl tert-butyl Ether
Concen: 6.506 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

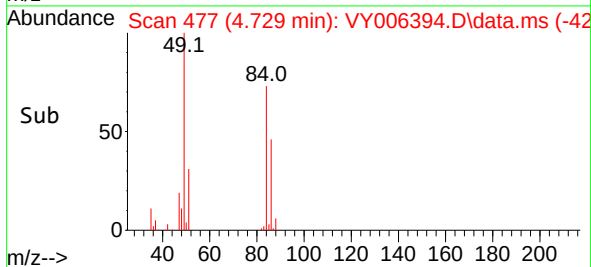
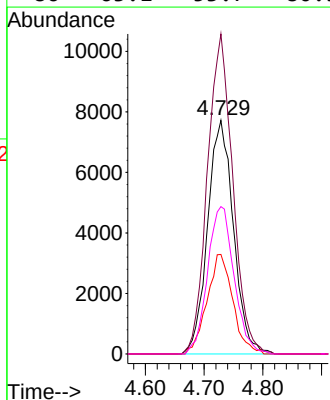
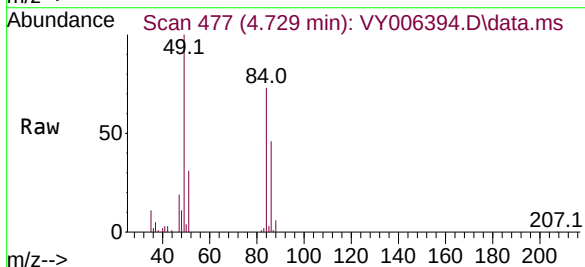
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

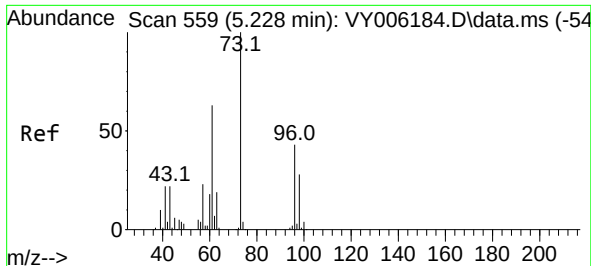
Tgt Ion: 73 Resp: 23166
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 15.600 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 84 Resp: 23629
Ion Ratio Lower Upper
84 100
49 137.0 114.4 171.6
51 42.6 35.3 52.9
86 63.1 53.7 80.5

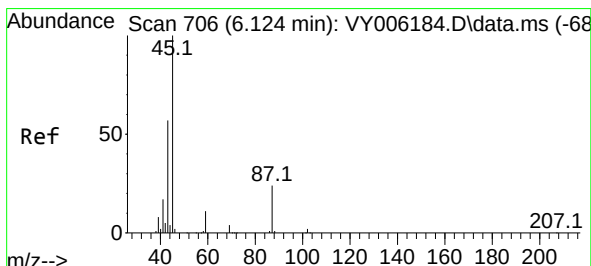
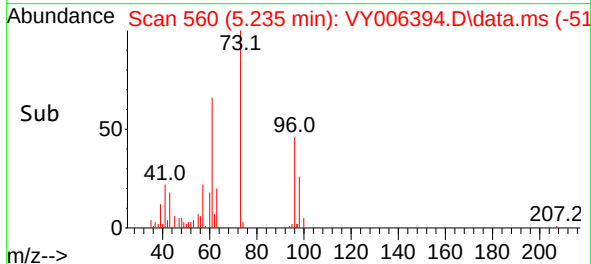
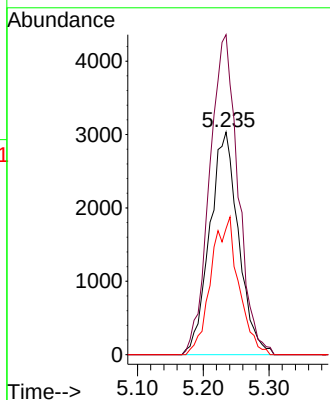
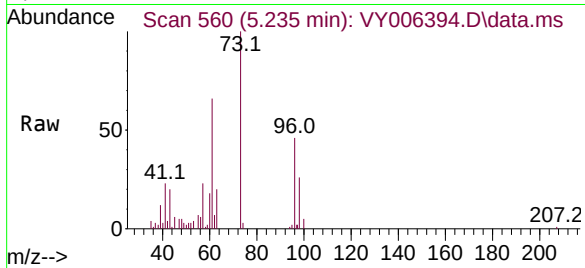




#21
trans-1,2-Dichloroethene
Concen: 6.845 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

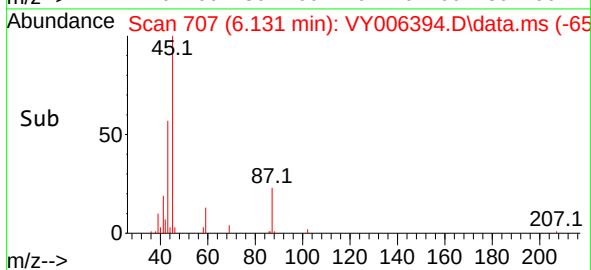
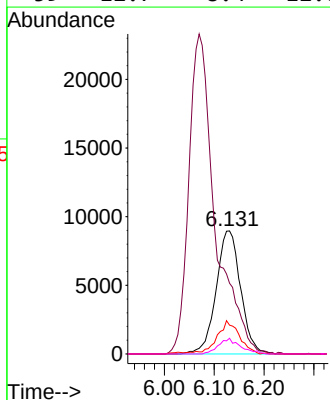
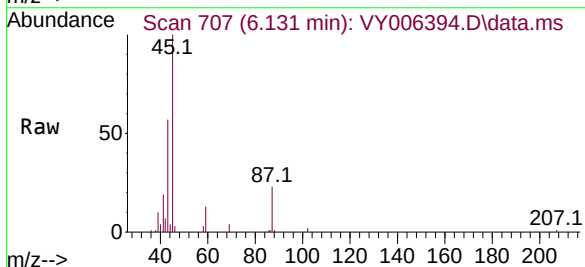
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

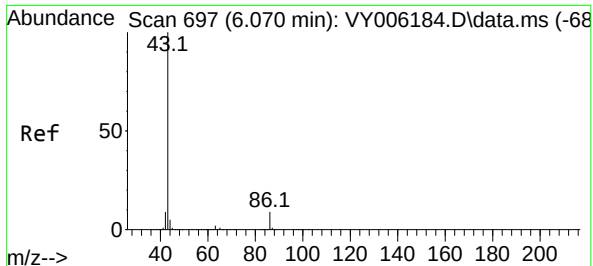
Tgt Ion:	96	Resp:	9254
Ion	Ratio	Lower	Upper
96	100		
61	143.8	120.5	180.7
98	56.7	49.8	74.8



#22
Diisopropyl ether
Concen: 6.580 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	45	Resp:	30526
Ion	Ratio	Lower	Upper
45	100		
43	56.2	49.3	73.9
87	23.4	19.2	28.8
59	12.7	8.4	12.6

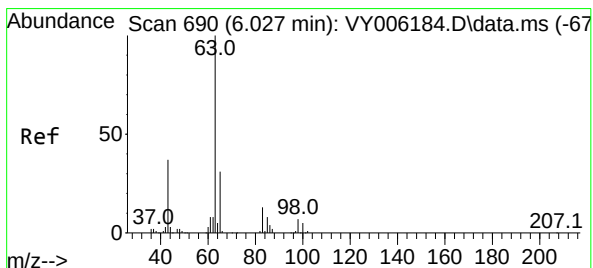
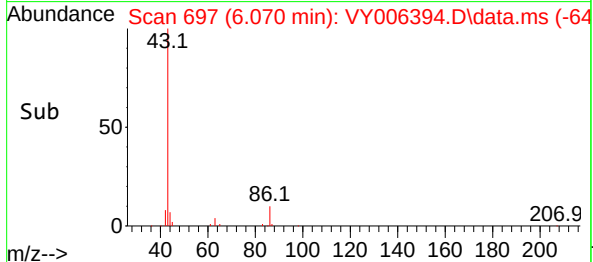
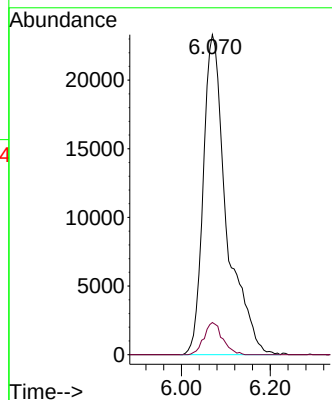
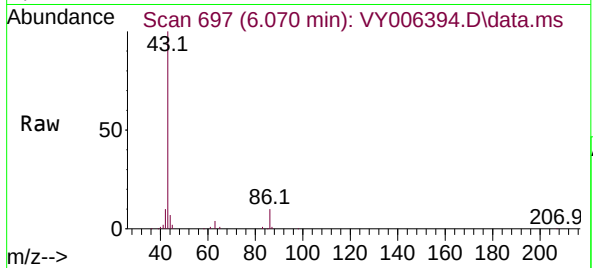




#23
 Vinyl Acetate
 Concen: 30.677 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006394.D
 Acq: 14 Oct 2021 13:40

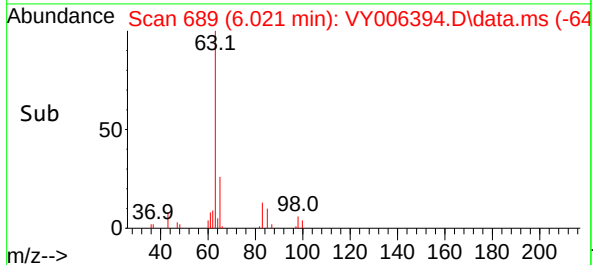
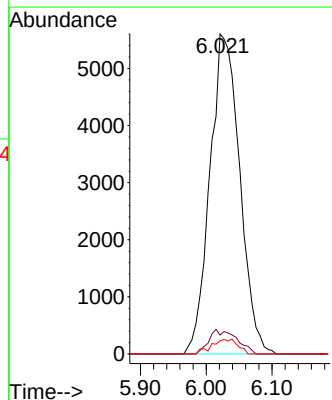
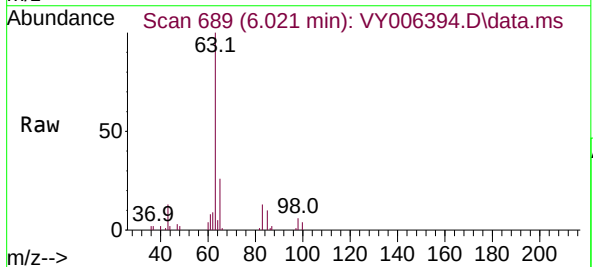
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

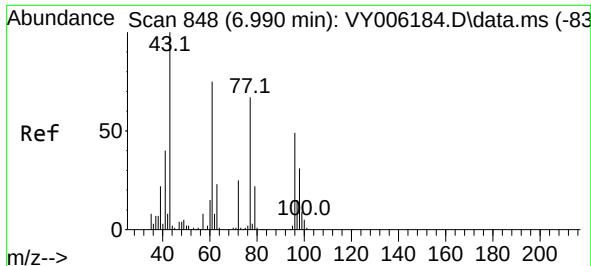
Tgt Ion: 43 Resp: 85303
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 7.101 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY006394.D
 Acq: 14 Oct 2021 13:40

Tgt Ion: 63 Resp: 17686
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 4.1 2.0 5.8

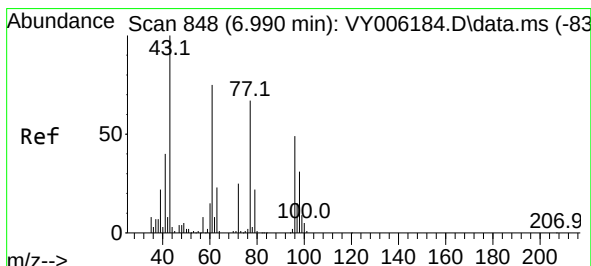
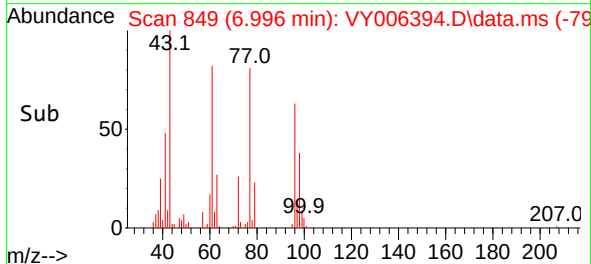
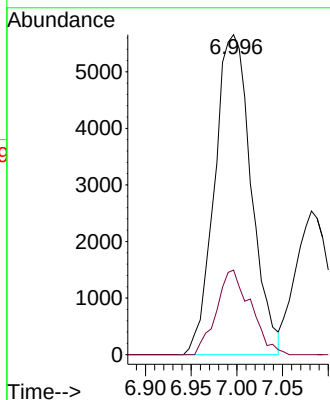
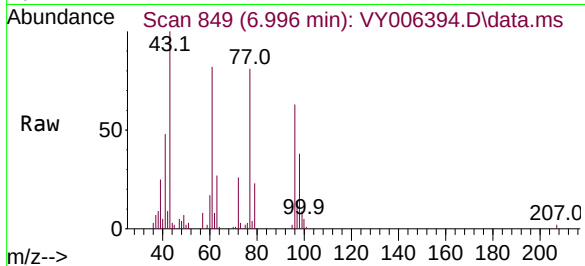




#25
2-Butanone
Concen: 29.091 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

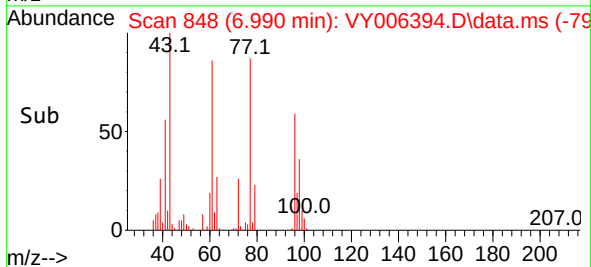
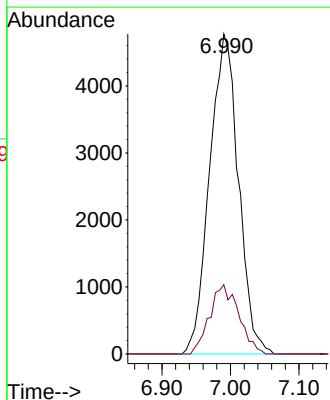
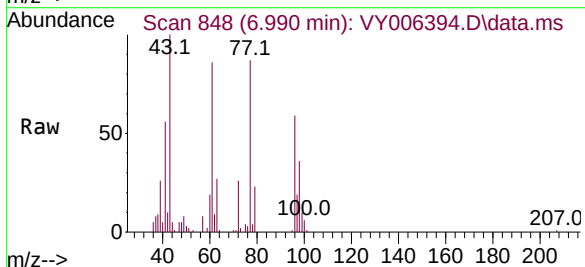
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

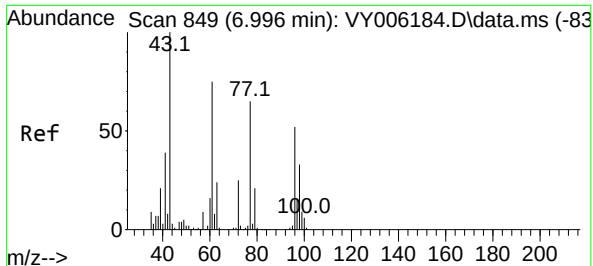
Tgt Ion: 43 Resp: 15771
Ion Ratio Lower Upper
43 100
72 26.5 17.7 26.5



#26
2,2-Dichloropropane
Concen: 6.122 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 77 Resp: 13943
Ion Ratio Lower Upper
77 100
97 21.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 5.862 ug/l

RT: 6.996 min Scan# 849

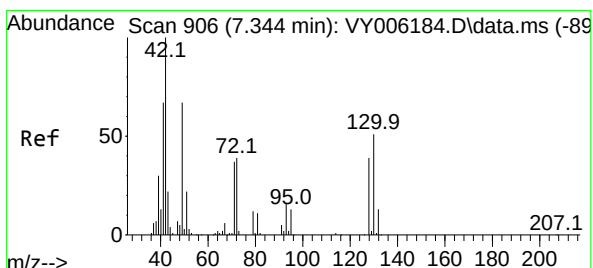
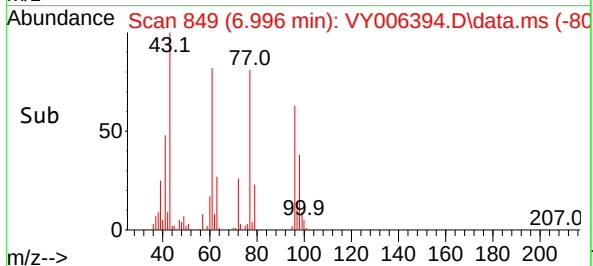
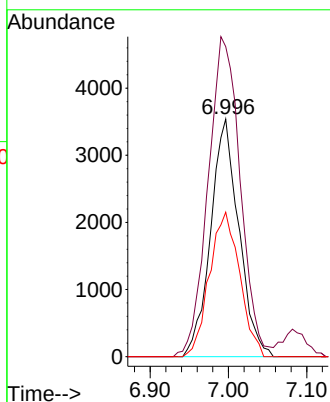
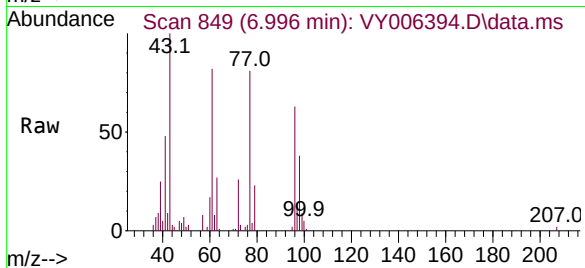
Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:	96	Resp:	8875
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	319.8
98	64.9	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



#28

Bromochloromethane

Concen: 5.872 ug/l

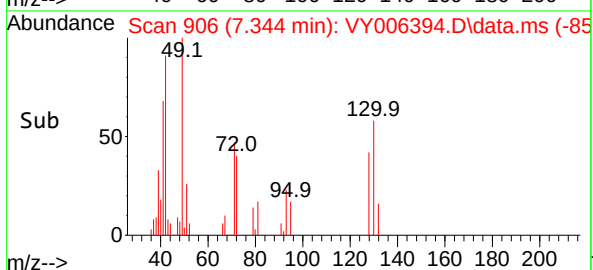
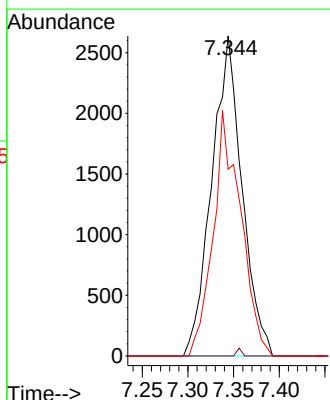
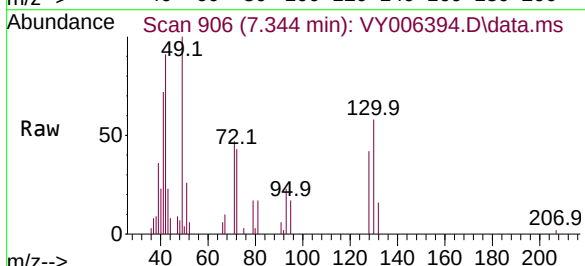
RT: 7.344 min Scan# 906

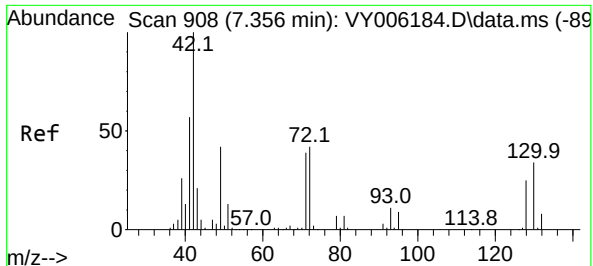
Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:	49	Resp:	6089
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.2
130	69.5	55.4	83.0





#29

Tetrahydrofuran

Concen: 27.880 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

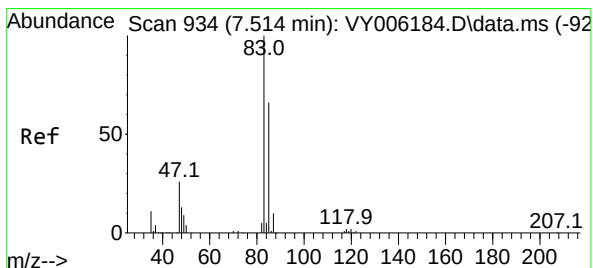
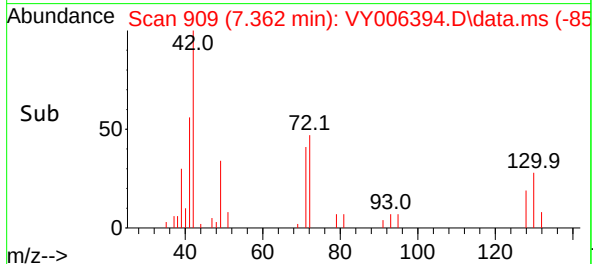
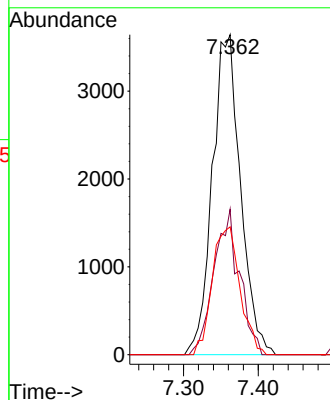
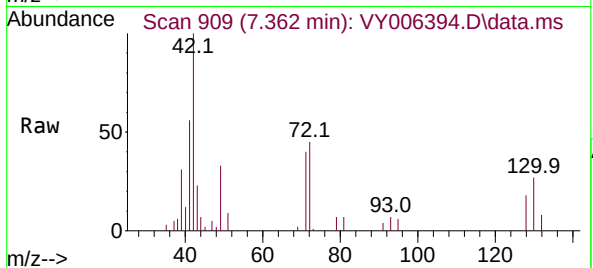
Tgt Ion: 42 Resp: 9547

Ion Ratio Lower Upper

42 100

72 41.3 30.3 45.5

71 39.5 29.0 43.4



#30

Chloroform

Concen: 6.001 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY006394.D

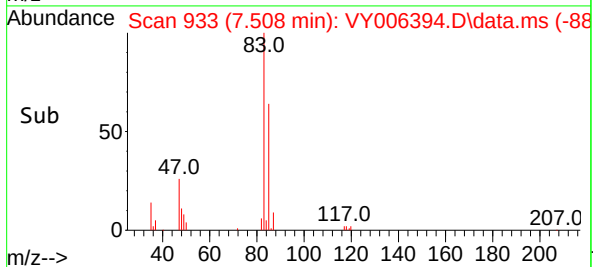
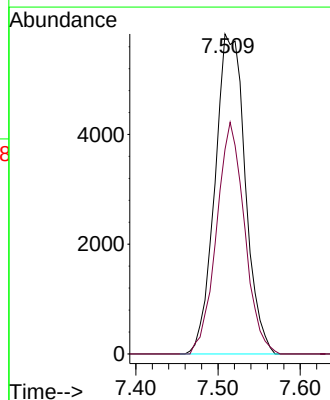
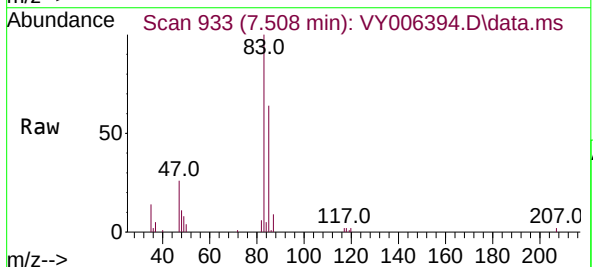
Acq: 14 Oct 2021 13:40

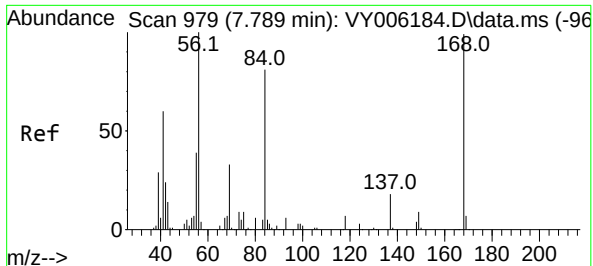
Tgt Ion: 83 Resp: 14908

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

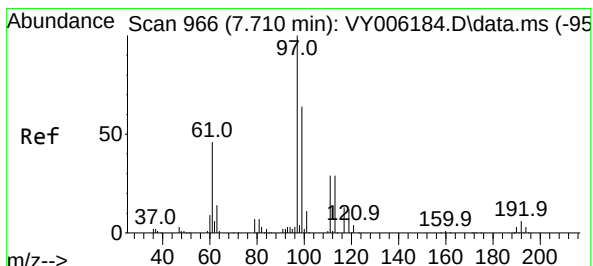
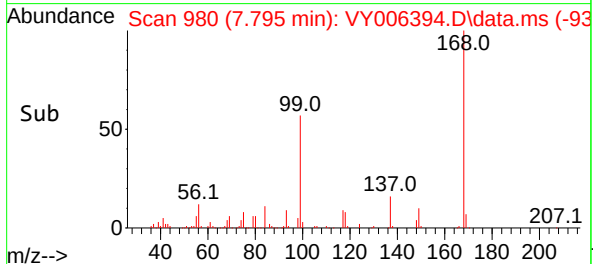
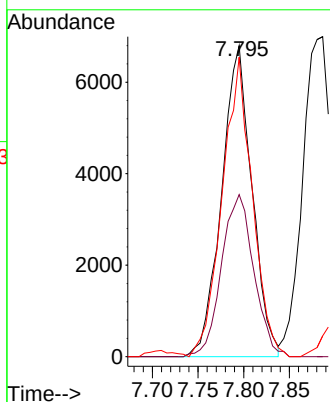
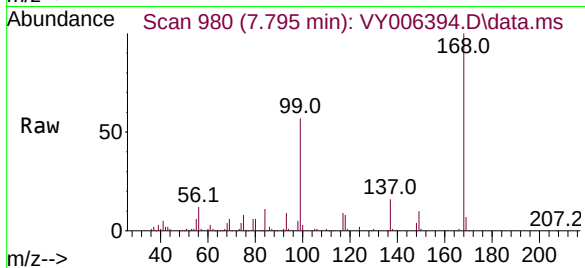




#31
Cyclohexane
Concen: 5.954 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

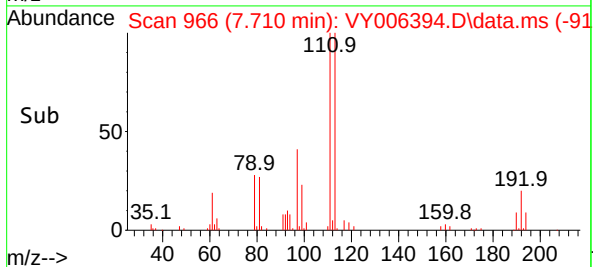
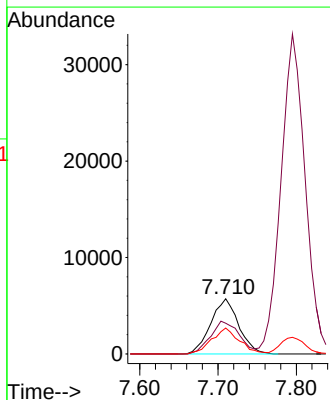
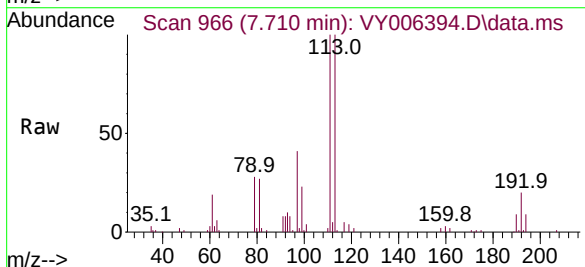
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

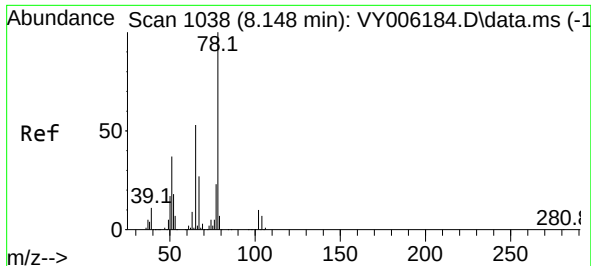
Tgt Ion: 56 Resp: 15717
Ion Ratio Lower Upper
56 100
69 52.1 26.7 40.1#
84 95.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 6.157 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 97 Resp: 14123
Ion Ratio Lower Upper
97 100
99 61.5 50.7 76.1
61 46.5 37.6 56.4

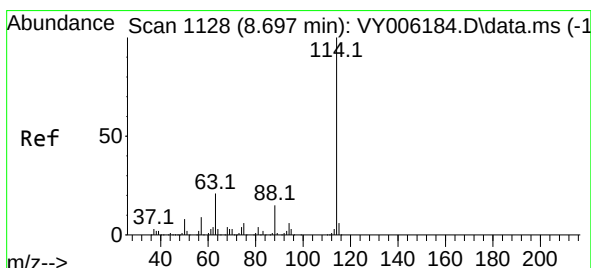
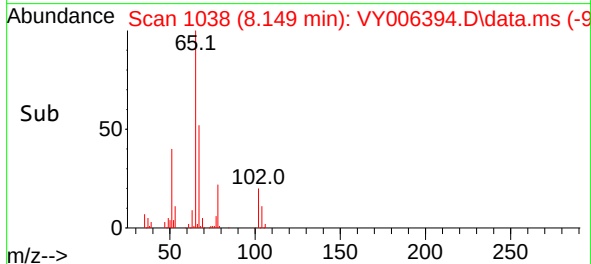
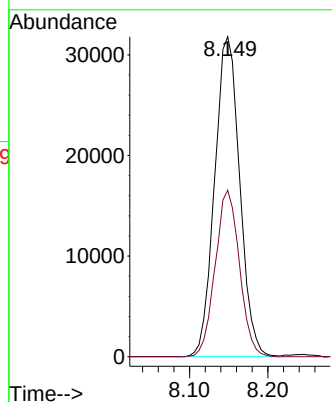
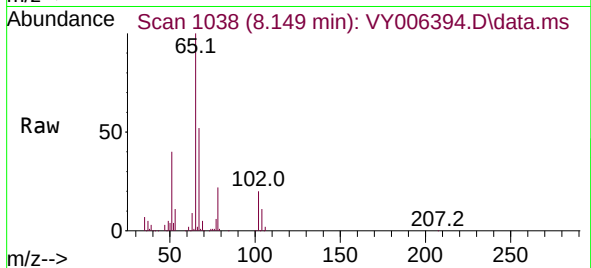




#33
1,2-Dichloroethane-d4
Concen: 50.835 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

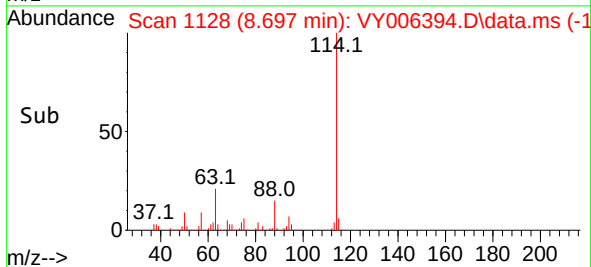
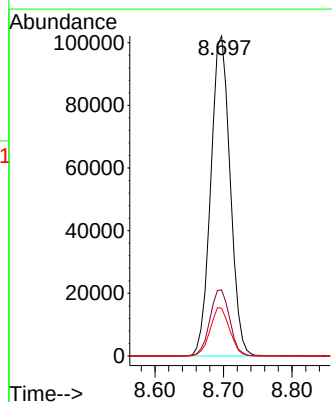
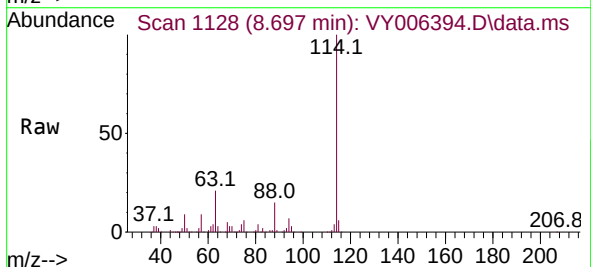
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

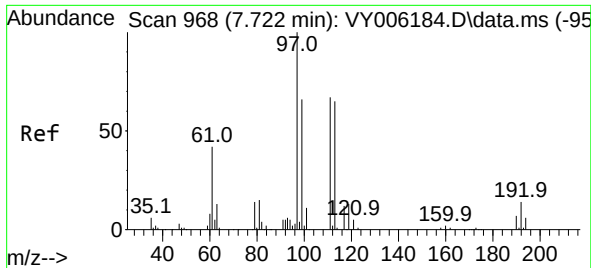
Tgt Ion: 65 Resp: 70834
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:114 Resp: 200327
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 14.9 0.0 31.8

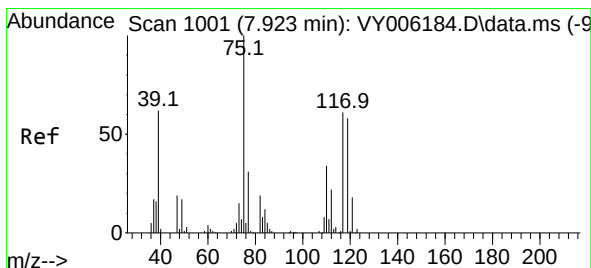
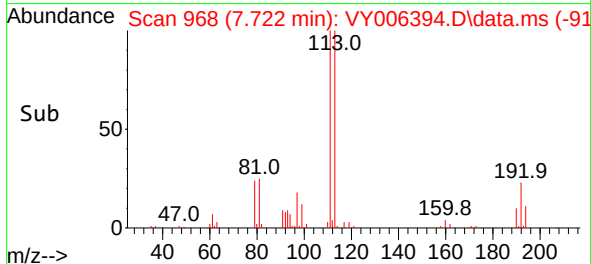
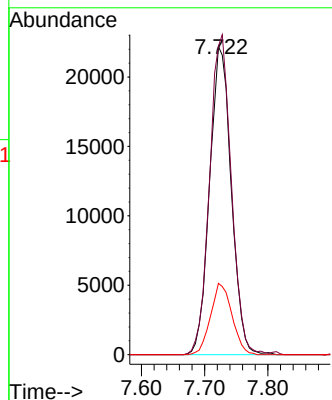
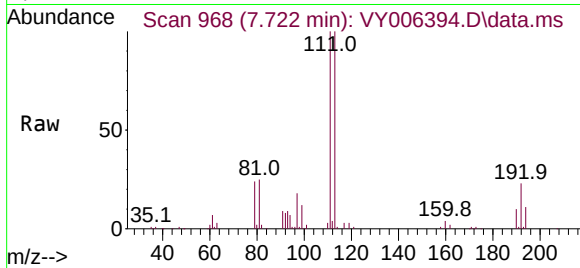




#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

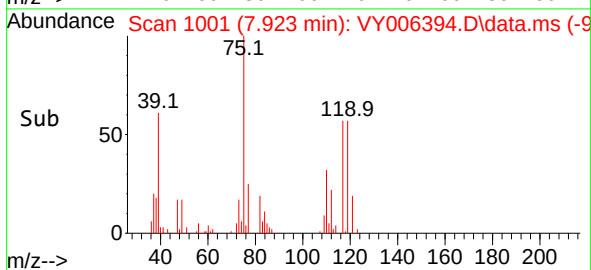
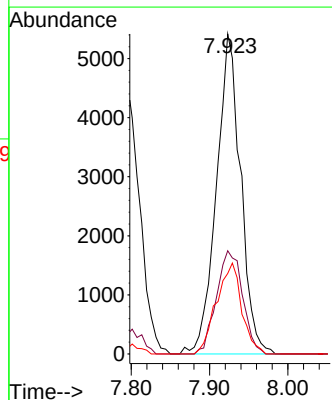
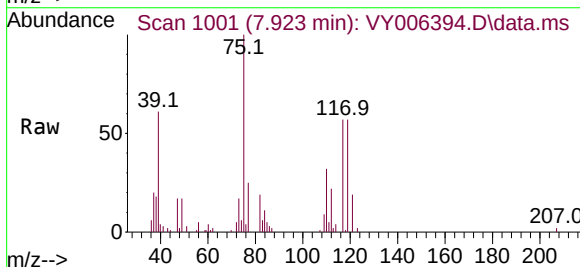
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

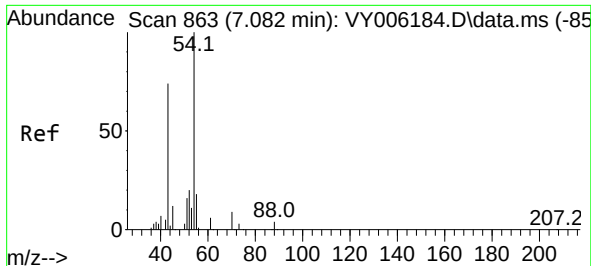
Tgt Ion:	113	Resp:	52764
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	22.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.839 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	75	Resp:	11637
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.2
77	29.6	24.4	36.6





#37

Ethyl Acetate

Concen: 5.976 ug/l

RT: 7.082 min Scan# 863

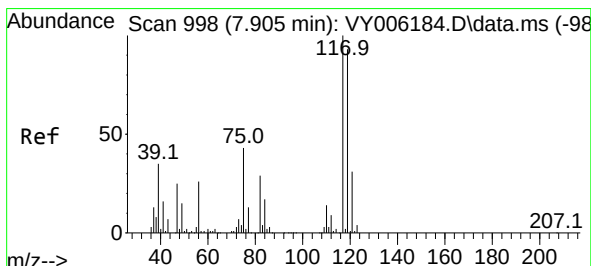
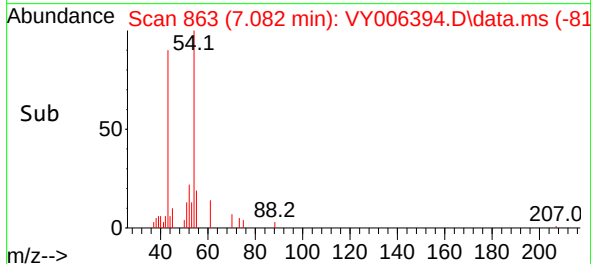
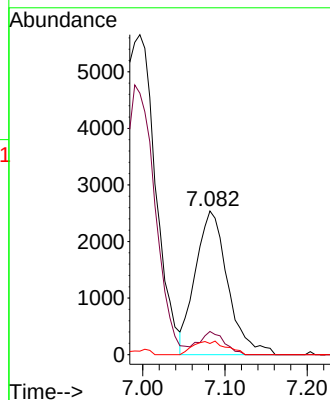
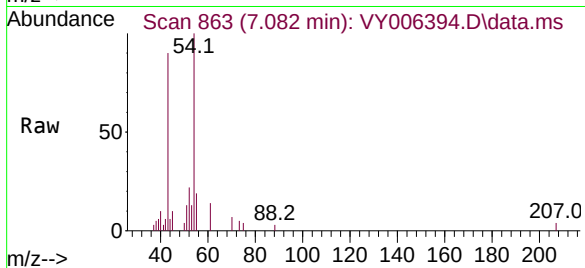
Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion: 43 Resp: 6939

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.7	14.5
70	9.6	7.1	10.7



#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 7.905 min Scan# 998

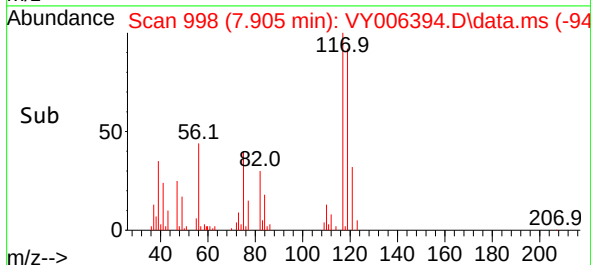
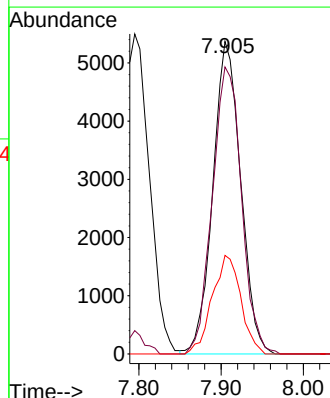
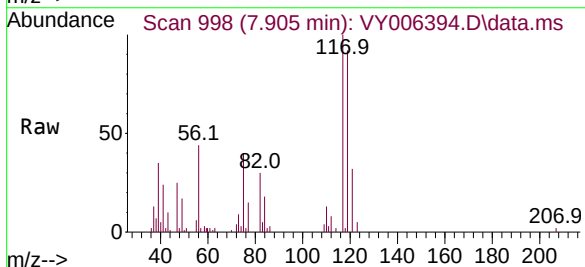
Delta R.T. 0.000 min

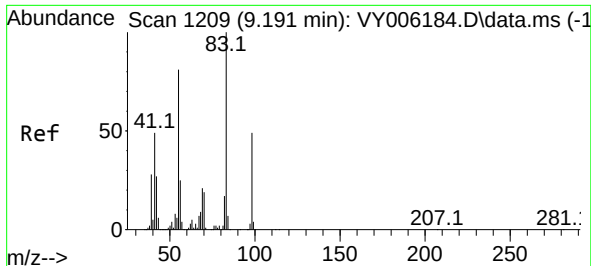
Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion: 117 Resp: 12640

Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.9	116.9
121	31.6	24.8	37.2

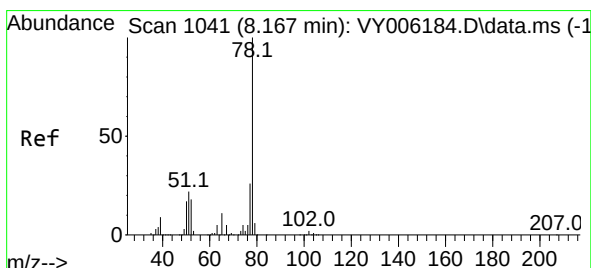
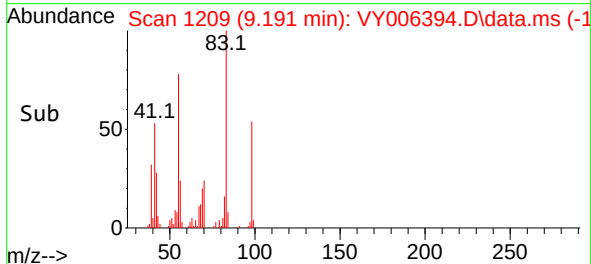
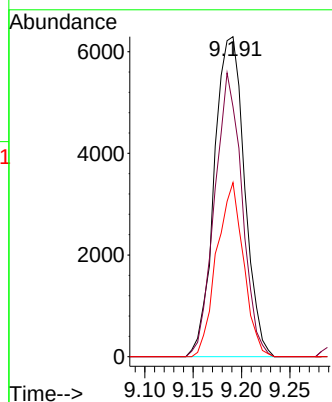
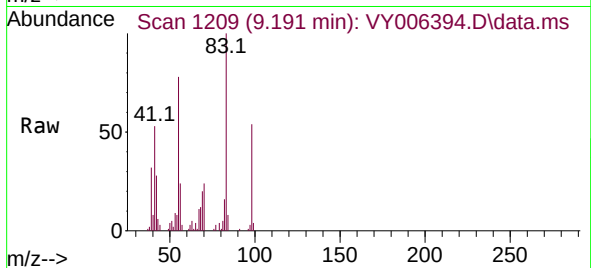




#39
Methylcyclohexane
Concen: 5.465 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

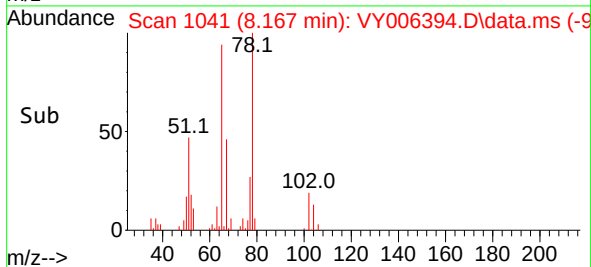
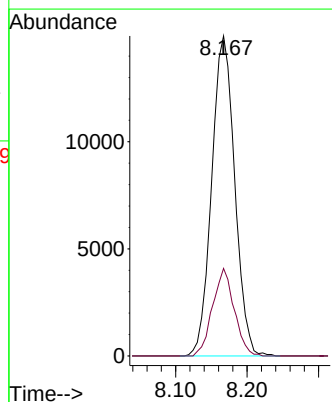
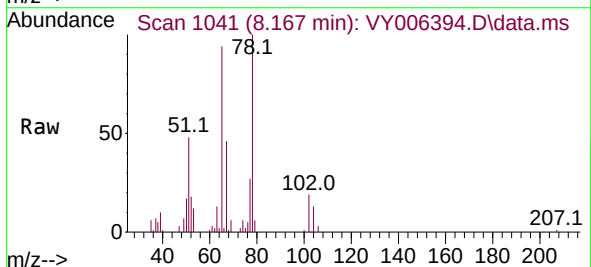
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

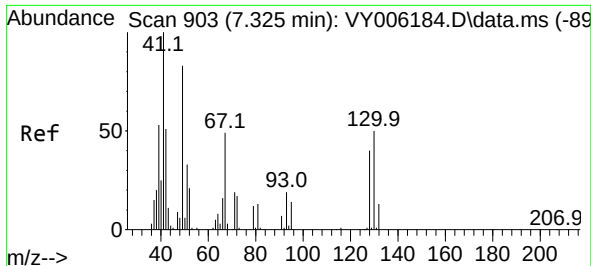
Tgt Ion: 83 Resp: 13683
Ion Ratio Lower Upper
83 100
55 78.1 66.5 99.7
98 54.4 37.9 56.9



#40
Benzene
Concen: 5.907 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 78 Resp: 33405
Ion Ratio Lower Upper
78 100
77 27.4 20.4 30.6

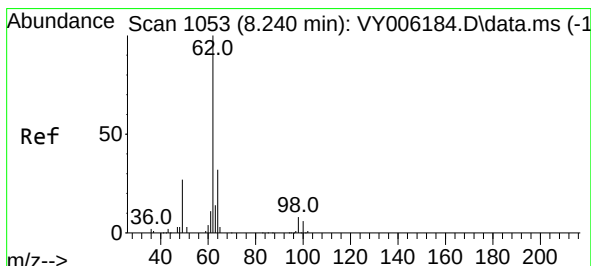
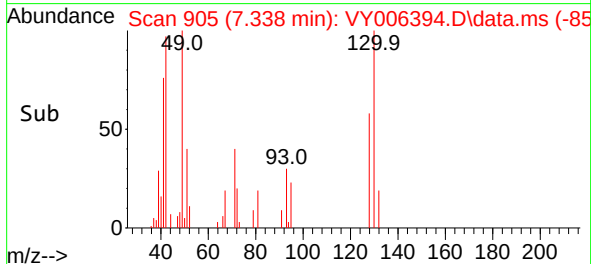
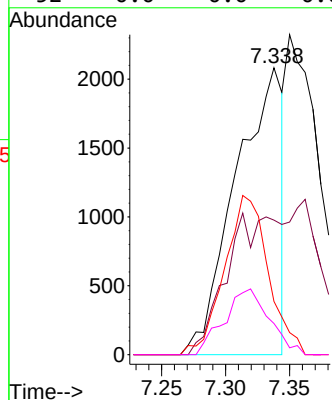
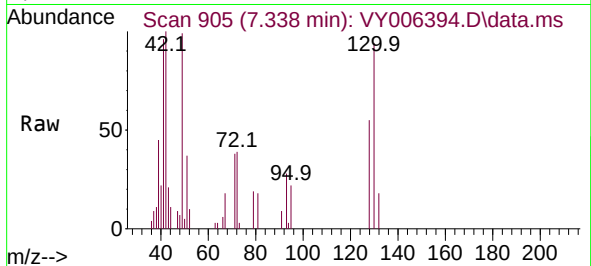




#41
Methacrylonitrile
Concen: 7.063 ug/l m
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

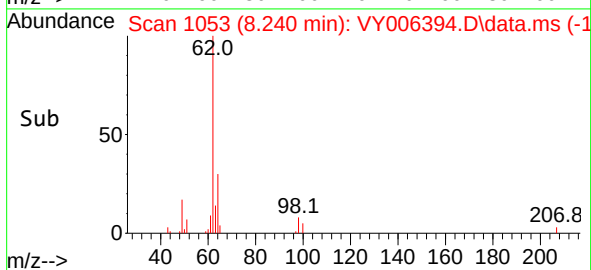
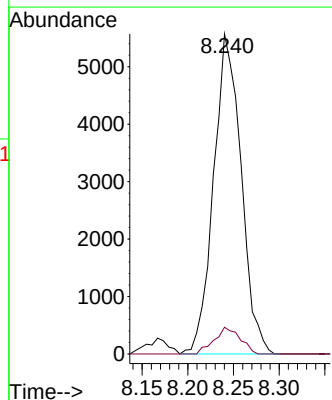
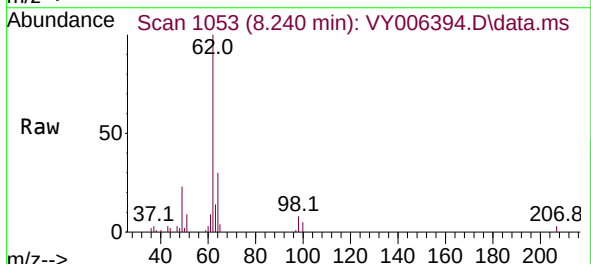
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

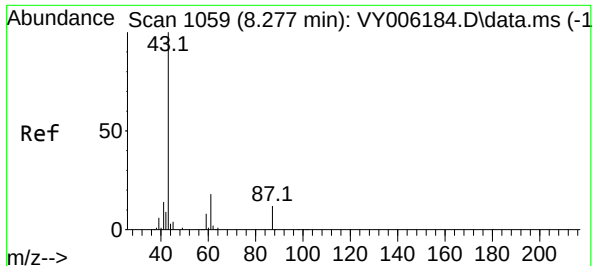
Tgt Ion: 41 Resp: 5320
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 6.405 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 62 Resp: 11669
Ion Ratio Lower Upper
62 100
98 7.8 0.0 14.8

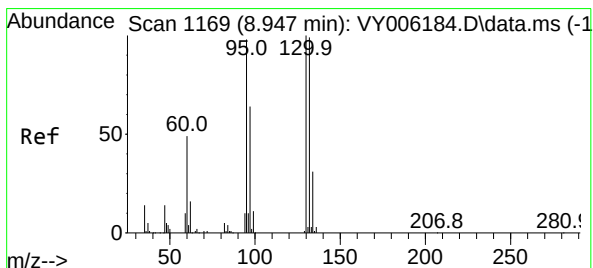
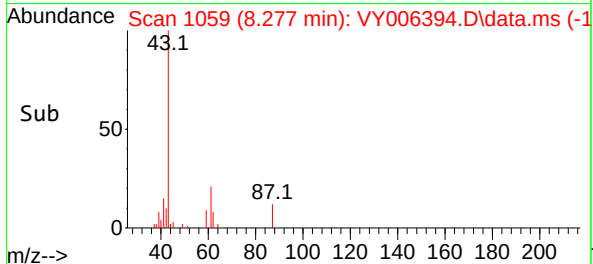
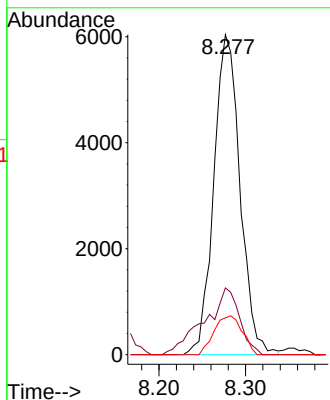
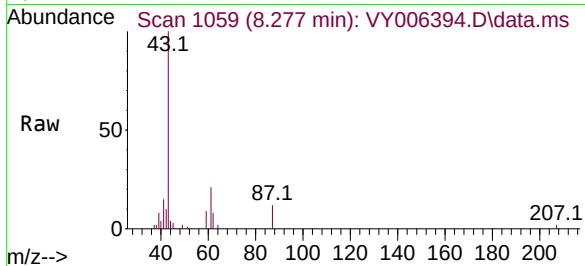




#43
Isopropyl Acetate
Concen: 5.707 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

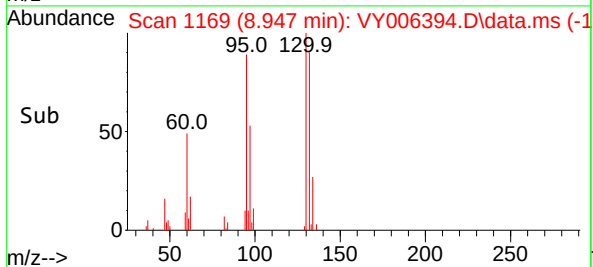
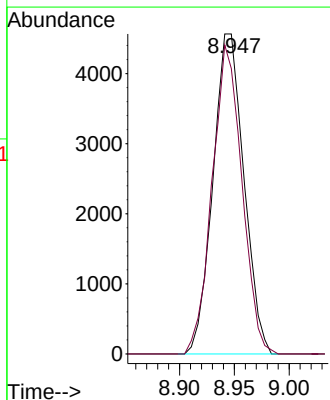
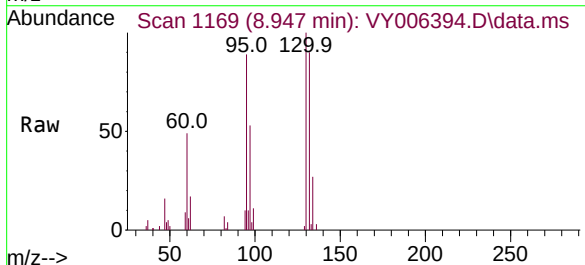
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

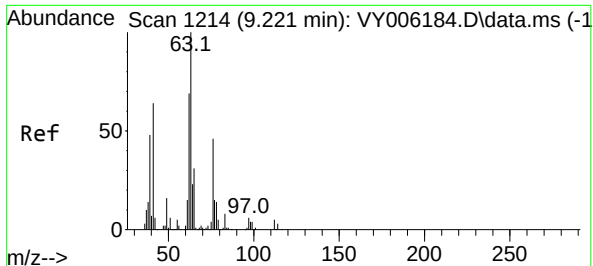
Tgt Ion:	43	Resp:	12709
Ion	Ratio	Lower	Upper
43	100		
61	28.0	20.2	30.2
87	13.0	8.9	13.3



#44
Trichloroethene
Concen: 6.141 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	130	Resp:	8969
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	188.2





#45

1,2-Dichloropropane

Concen: 5.768 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY006394.D

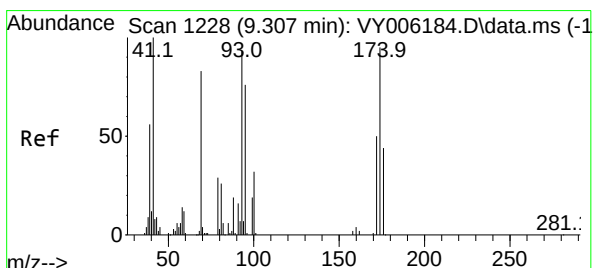
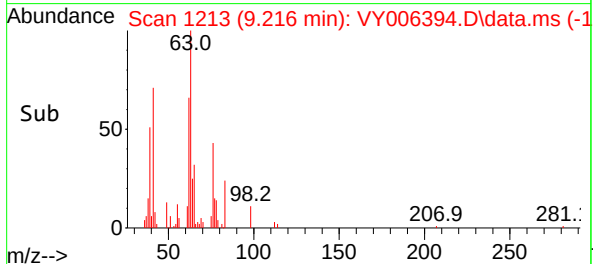
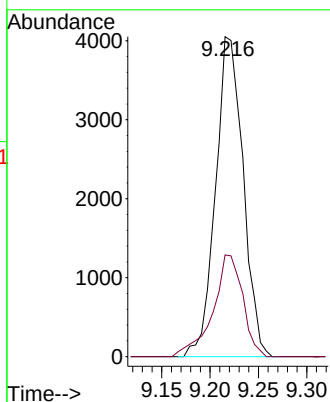
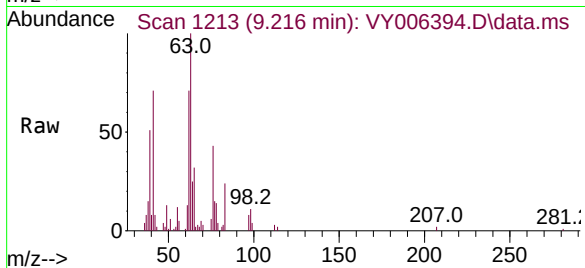
Acq: 14 Oct 2021 13:40

Tgt Ion: 63 Resp: 8029

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 6.196 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

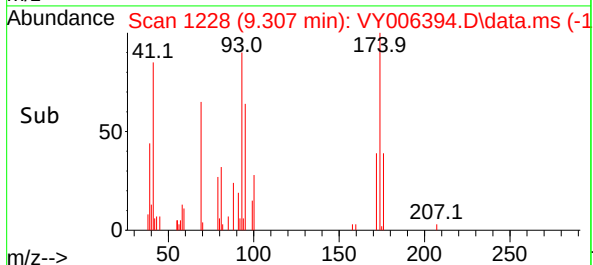
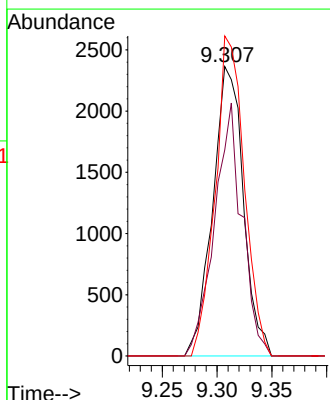
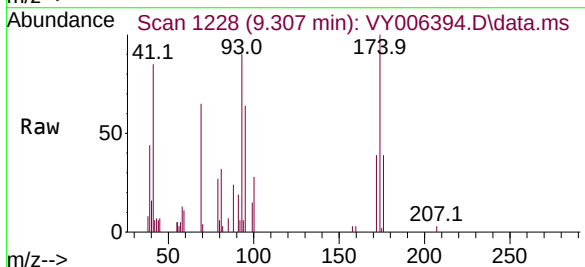
Tgt Ion: 93 Resp: 4593

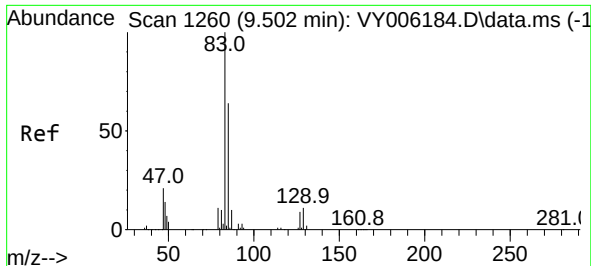
Ion Ratio Lower Upper

93 100

95 78.8 64.3 96.5

174 105.2 83.4 125.0

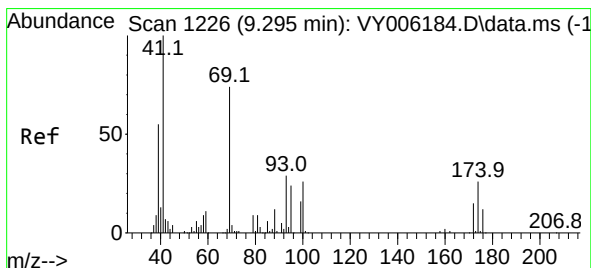
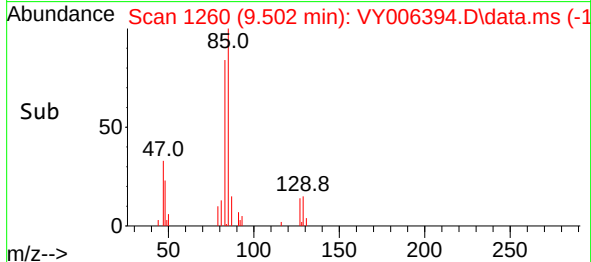
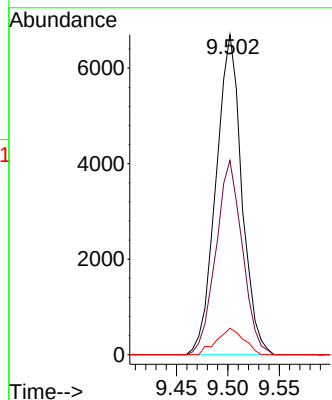
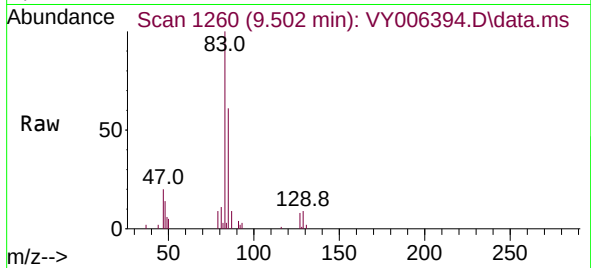




#47
Bromodichloromethane
Concen: 6.122 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

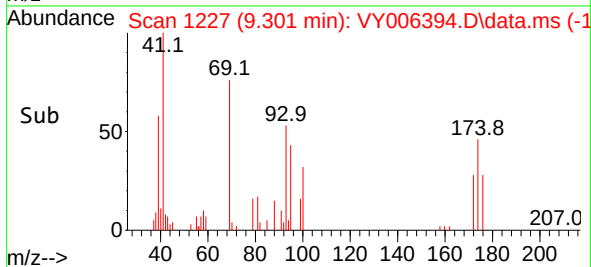
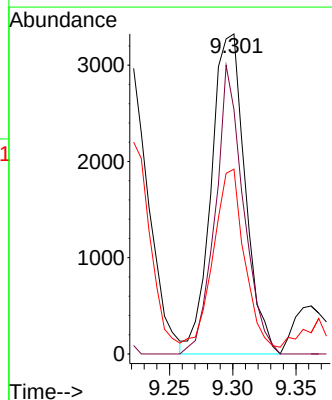
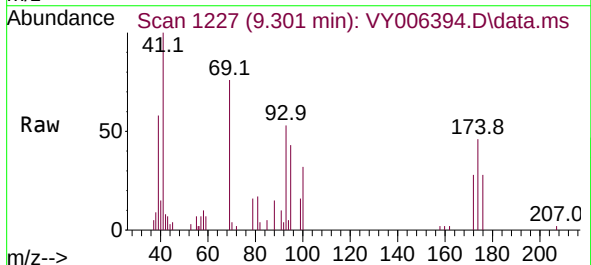
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

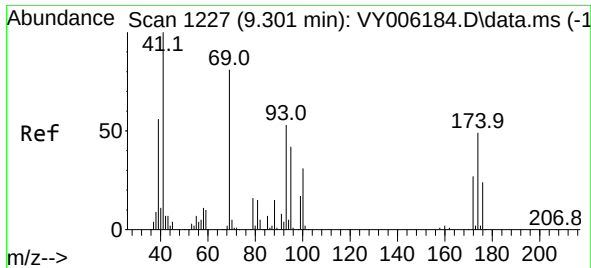
Tgt Ion:	83	Resp:	11685
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.9	77.9
127	8.3	6.6	10.0



#48
Methyl methacrylate
Concen: 5.793 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	41	Resp:	6189
Ion	Ratio	Lower	Upper
41	100		
69	75.0	58.2	87.2
39	51.0	47.4	71.0

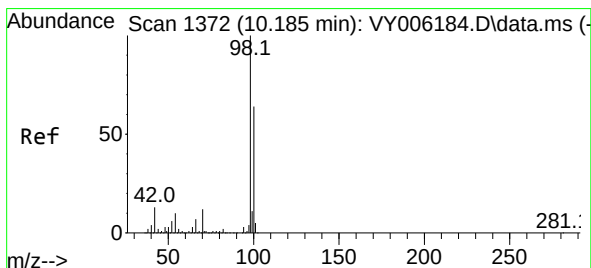
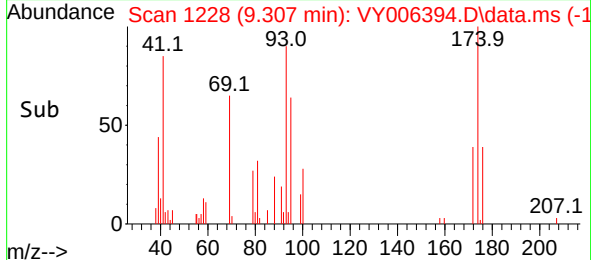
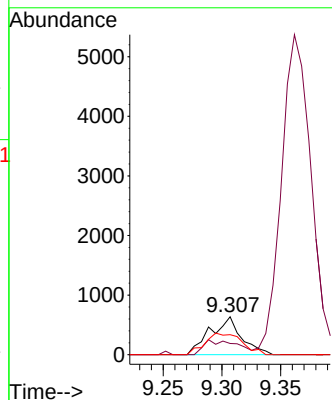
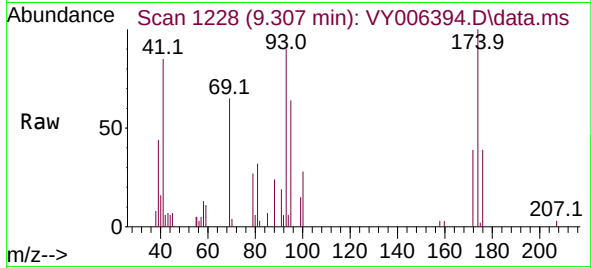




#49
1,4-Dioxane
Concen: 121.908 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

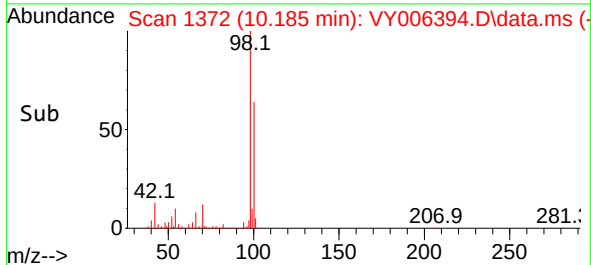
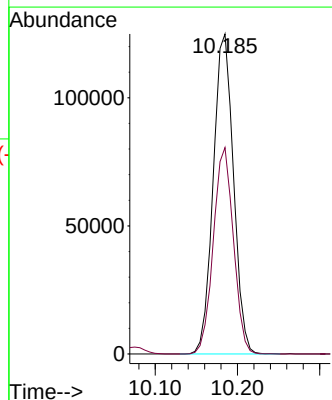
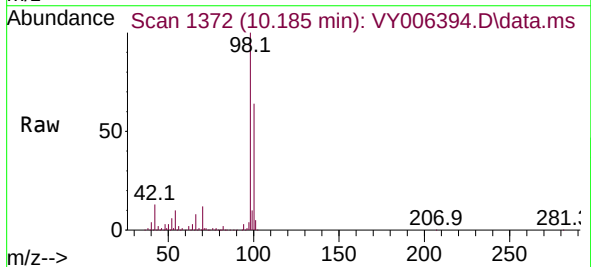
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

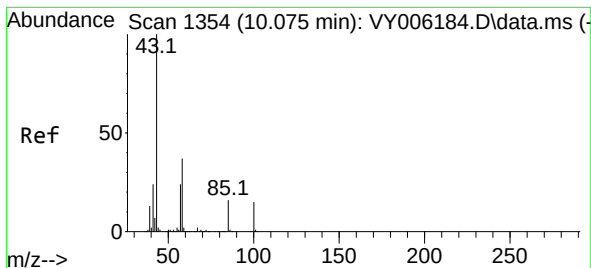
Tgt Ion: 88 Resp: 1179
Ion Ratio Lower Upper
88 100
43 41.8 32.8 49.2
58 66.8 59.8 89.6



#50
Toluene-d8
Concen: 47.689 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 98 Resp: 213613
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

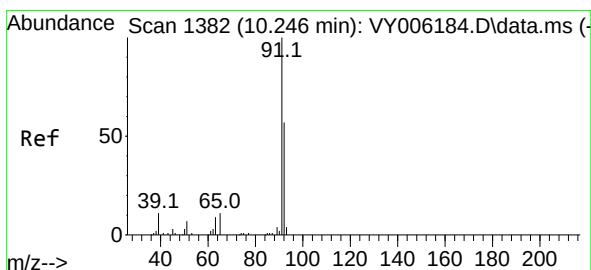
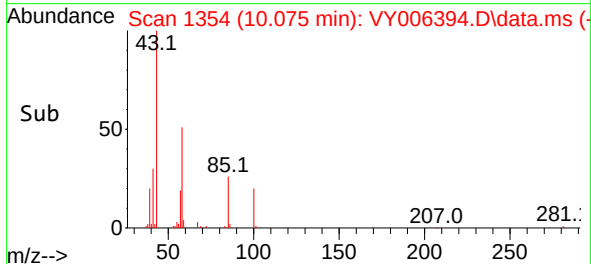
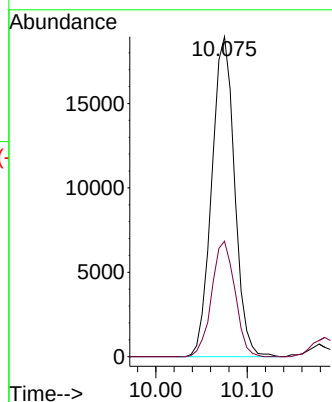
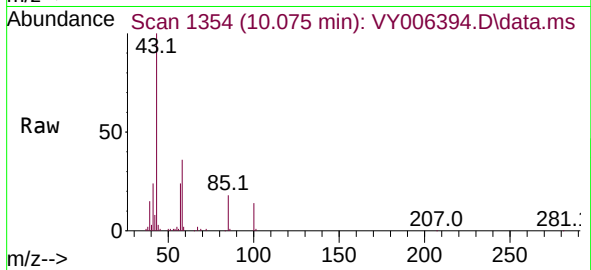




#51
4-Methyl-2-Pentanone
Concen: 28.404 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

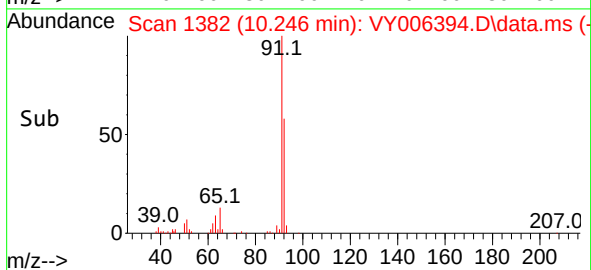
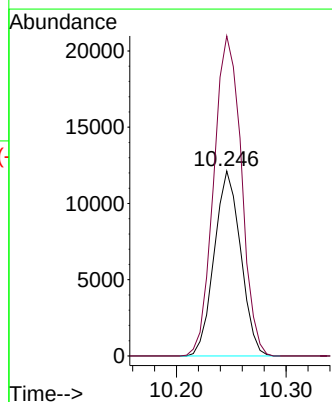
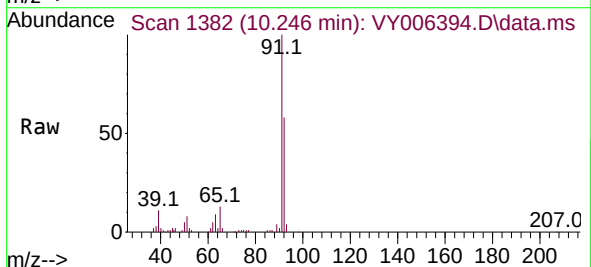
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

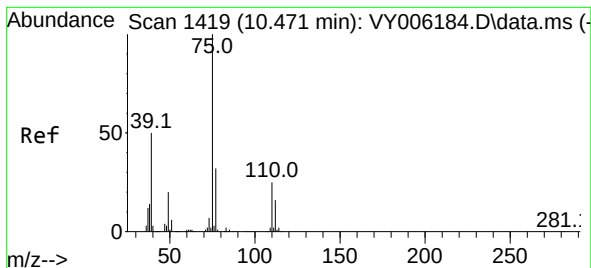
Tgt Ion: 43 Resp: 32844
Ion Ratio Lower Upper
43 100
58 36.7 28.1 42.1



#52
Toluene
Concen: 5.788 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 92 Resp: 20300
Ion Ratio Lower Upper
92 100
91 181.0 142.6 213.8

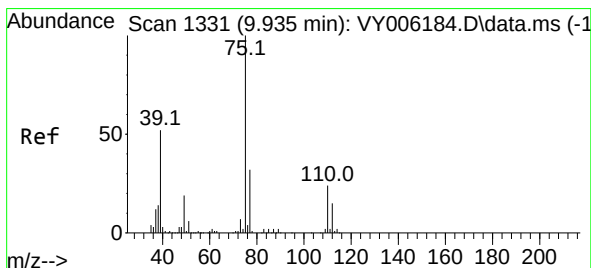
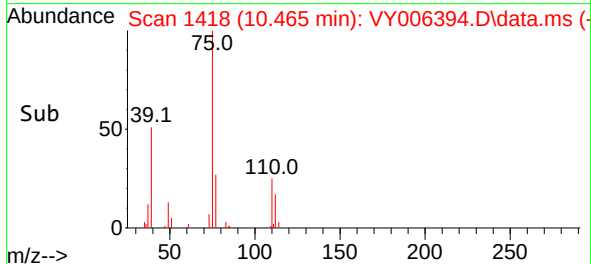
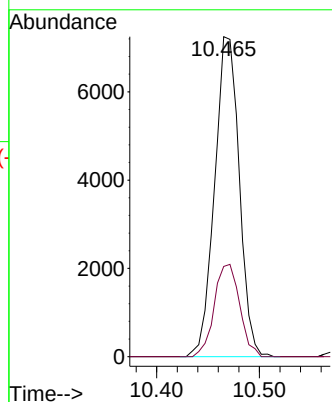
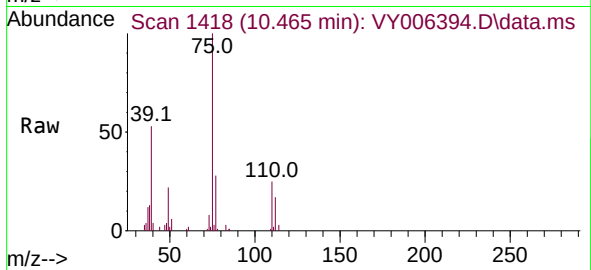




#53
t-1,3-Dichloropropene
Concen: 5.795 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

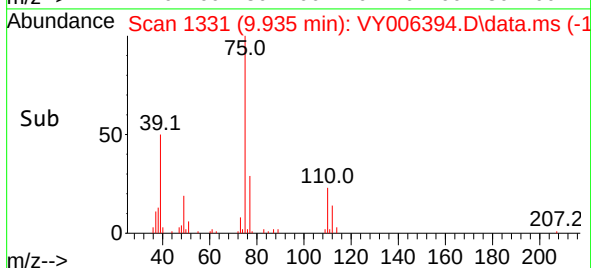
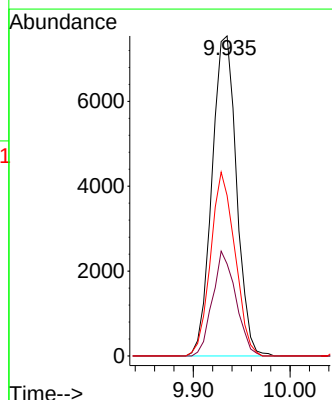
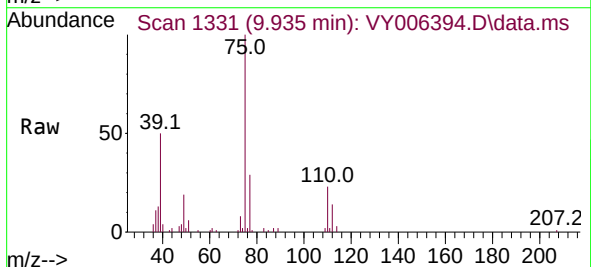
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

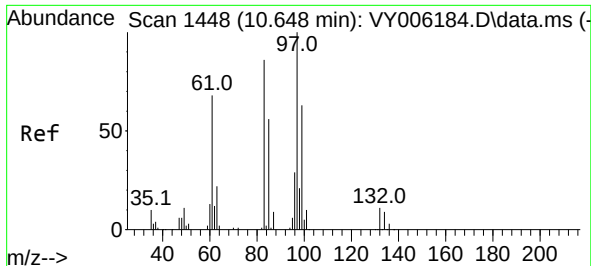
Tgt Ion: 75 Resp: 12059
Ion Ratio Lower Upper
75 100
77 28.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.811 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 75 Resp: 13295
Ion Ratio Lower Upper
75 100
77 28.8 25.6 38.4
39 50.1 47.6 71.4

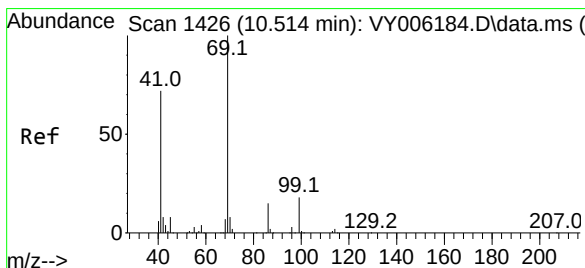
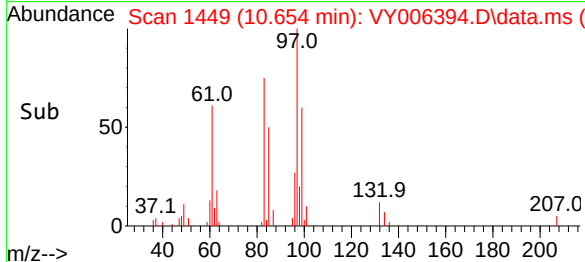
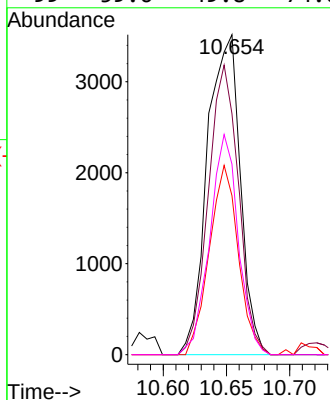
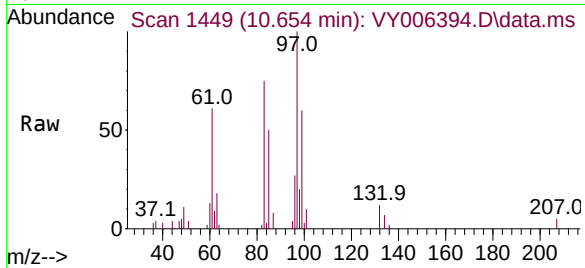




#55
1,1,2-Trichloroethane
Concen: 6.087 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

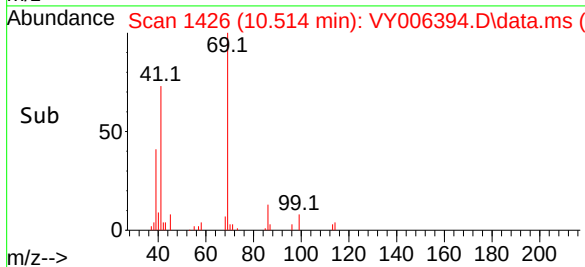
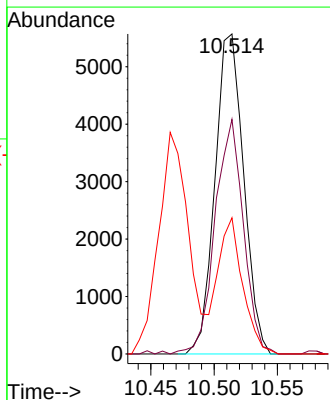
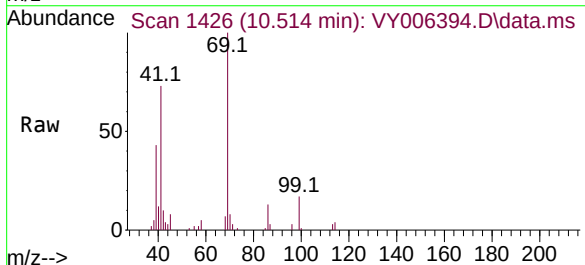
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

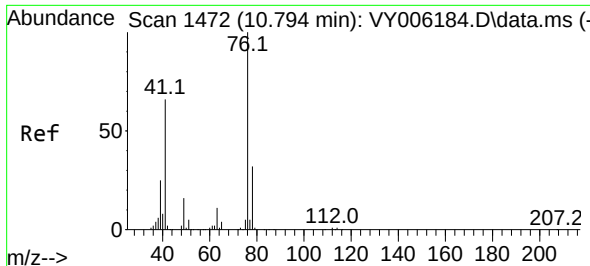
Tgt Ion: 97	Resp: 6349
Ion Ratio	Lower Upper
97 100	
83 75.3	69.8 104.8
85 49.7	44.3 66.5
99 59.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 5.541 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 69	Resp: 8784
Ion Ratio	Lower Upper
69 100	
41 72.4	63.4 95.0
39 35.9	35.8 53.8

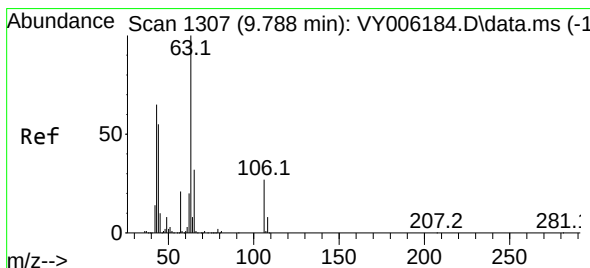
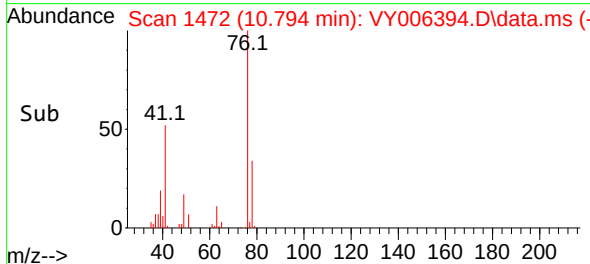
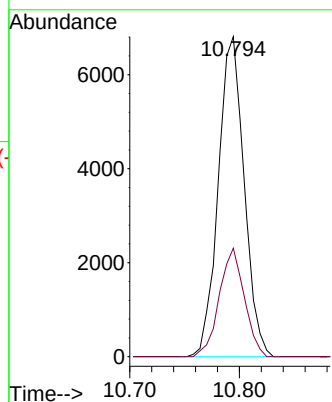
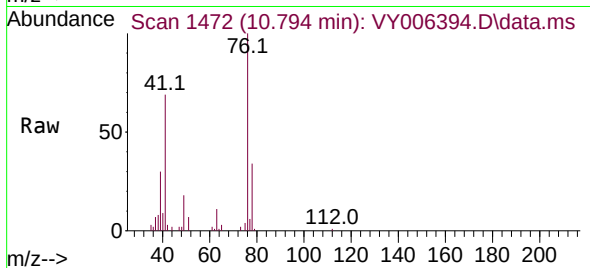




#57
1,3-Dichloropropane
Concen: 5.919 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

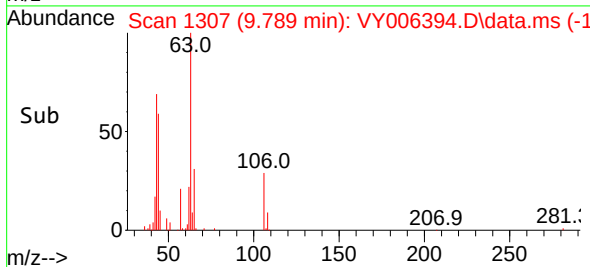
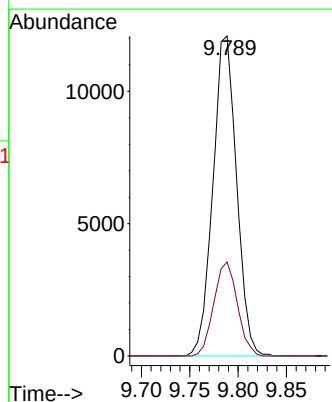
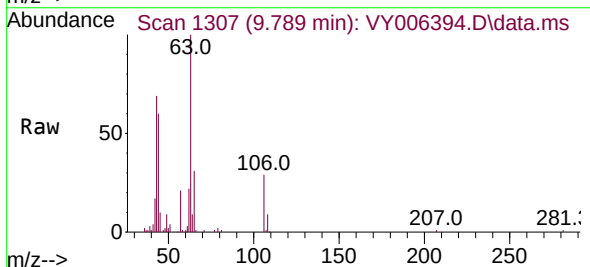
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

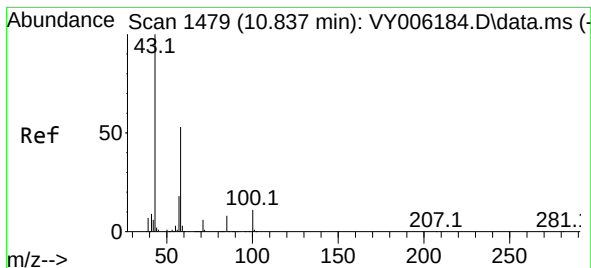
Tgt Ion: 76 Resp: 11172
Ion Ratio Lower Upper
76 100
78 32.8 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 26.466 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 63 Resp: 20558
Ion Ratio Lower Upper
63 100
106 29.2 21.5 32.3

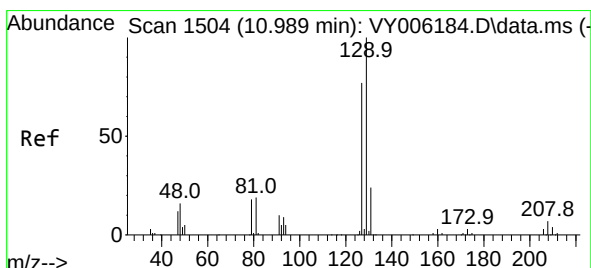
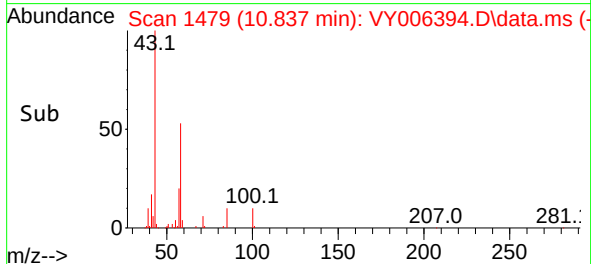
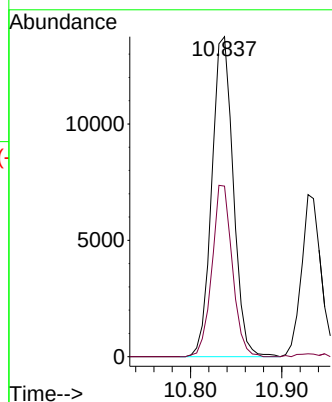
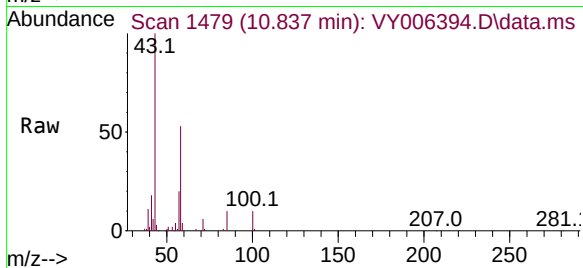




#59
2-Hexanone
Concen: 27.180 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

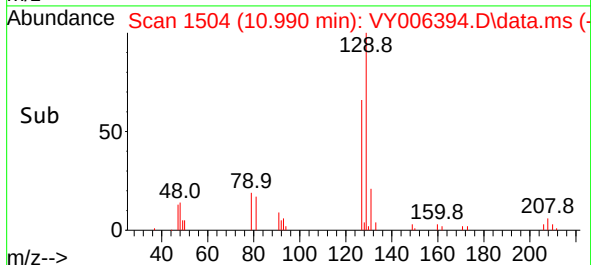
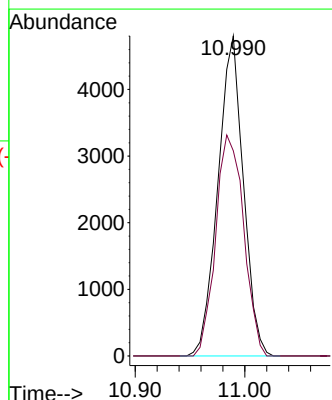
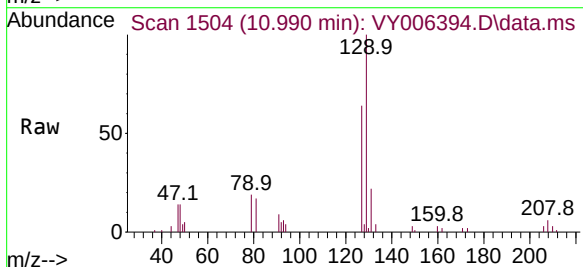
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

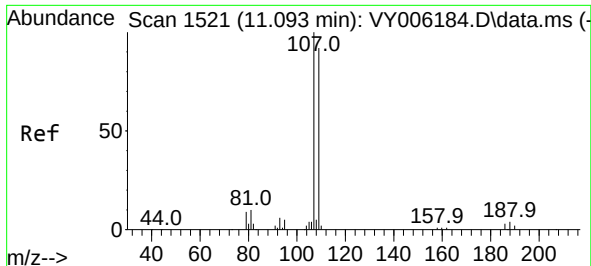
Tgt Ion: 43 Resp: 22385
Ion Ratio Lower Upper
43 100
58 50.9 24.4 73.4



#60
Dibromochloromethane
Concen: 6.107 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 129 Resp: 7739
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1

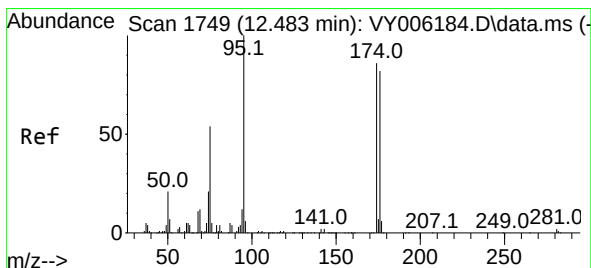
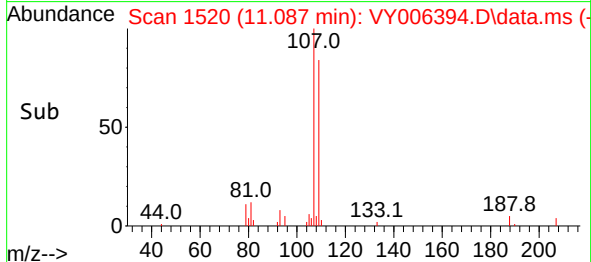
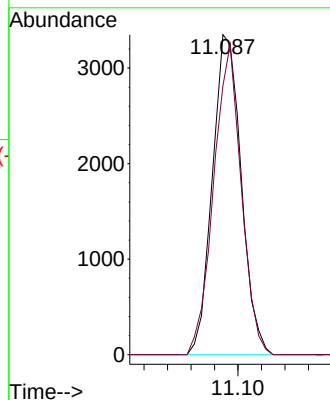
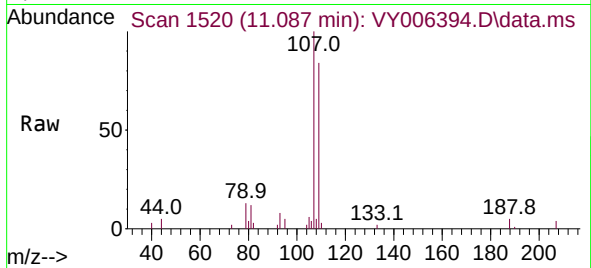




#61
1,2-Dibromoethane
Concen: 5.768 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

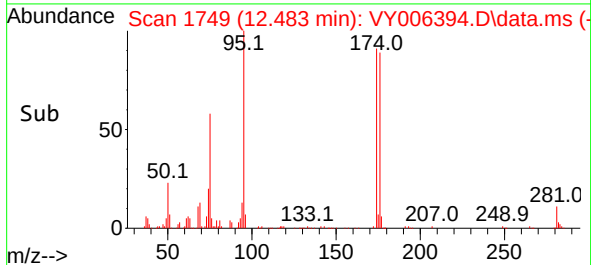
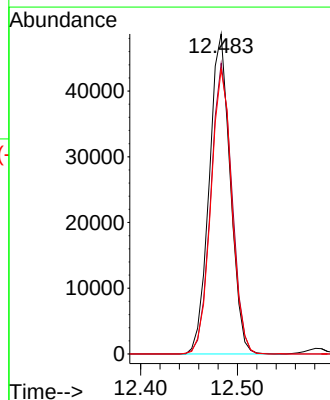
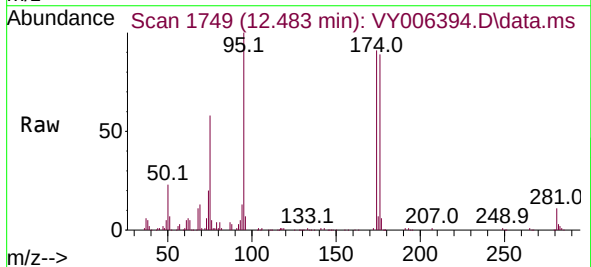
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

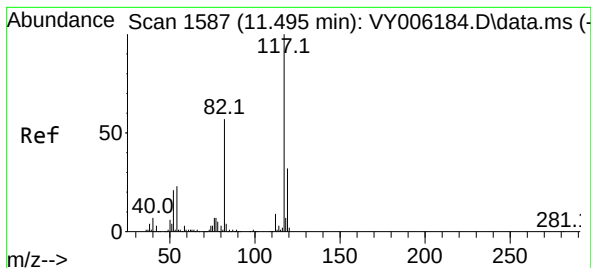
Tgt Ion:107 Resp: 5696
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 95 Resp: 73579
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 88.5 0.0 175.8

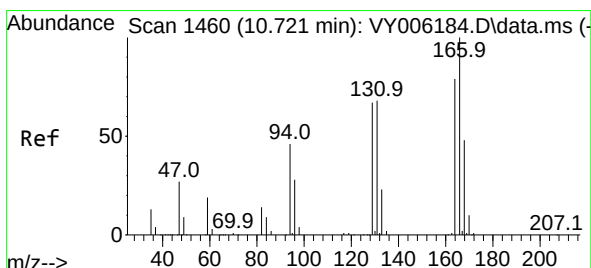
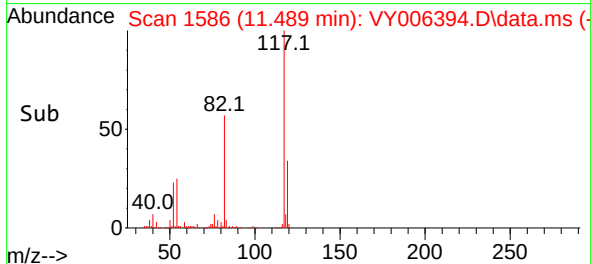
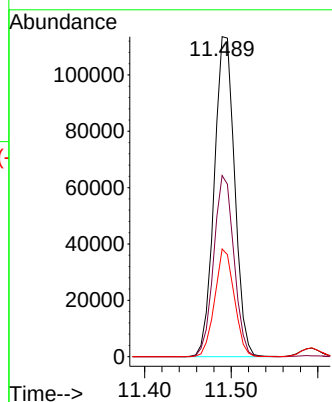
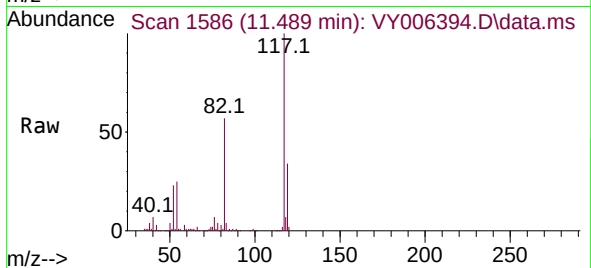




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

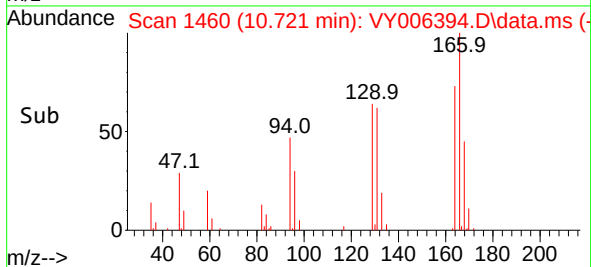
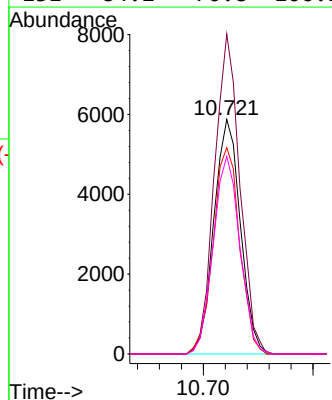
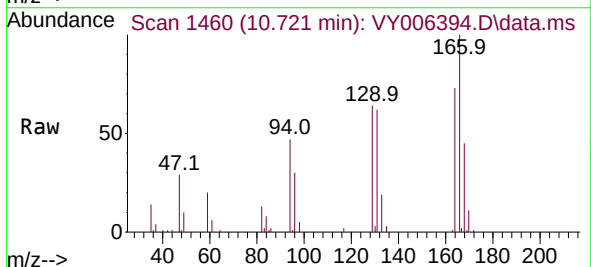
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

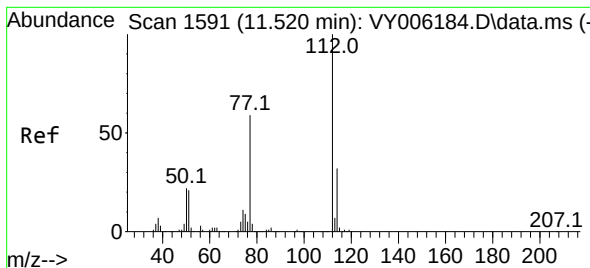
Tgt Ion:117	Resp: 186088
Ion Ratio	Lower Upper
117 100	
82 56.6	43.0 64.4
119 33.7	25.4 38.0



#64
Tetrachloroethene
Concen: 6.586 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:164	Resp: 9870
Ion Ratio	Lower Upper
164 100	
166 136.4	100.4 150.6
129 88.0	71.4 107.0
131 84.2	70.8 106.2

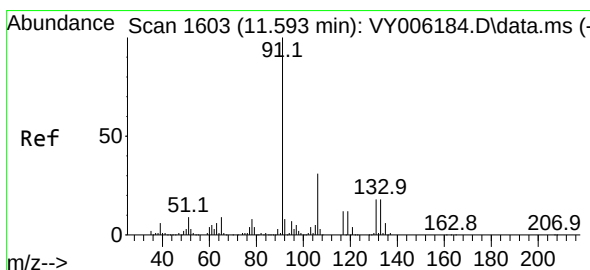
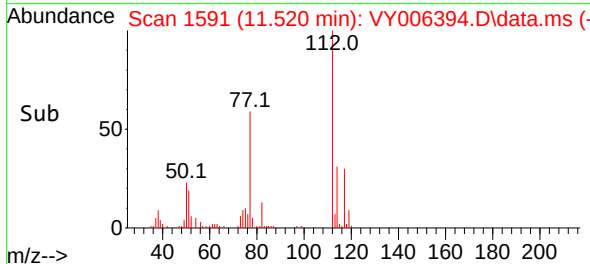
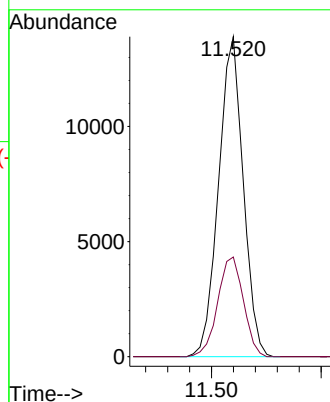
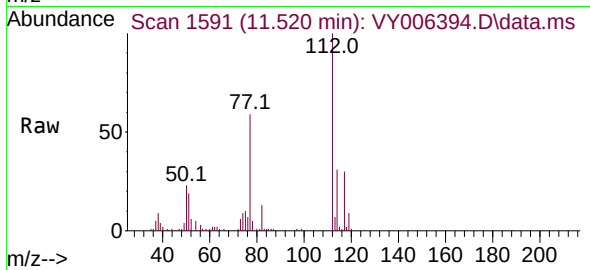




#65
Chlorobenzene
Concen: 5.883 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

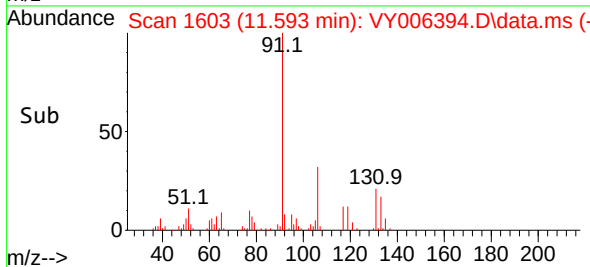
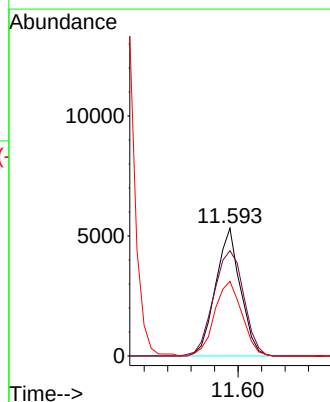
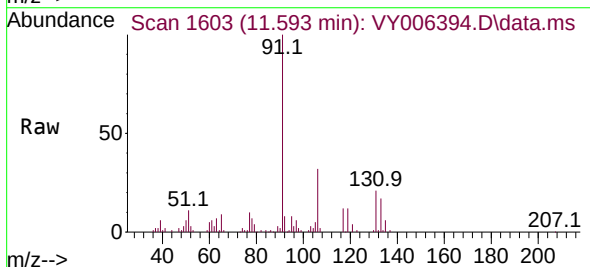
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

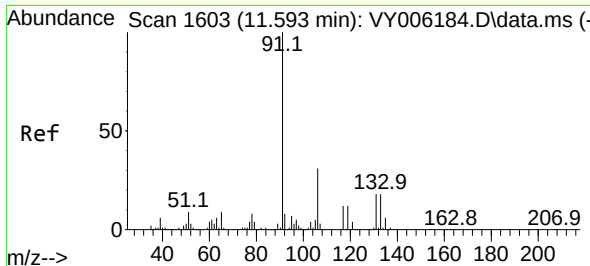
Tgt Ion:112 Resp: 21691
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.751 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:131 Resp: 7814
Ion Ratio Lower Upper
131 100
133 100.0 47.9 143.6
119 64.7 30.8 92.3

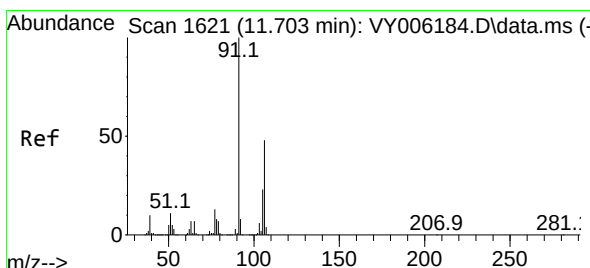
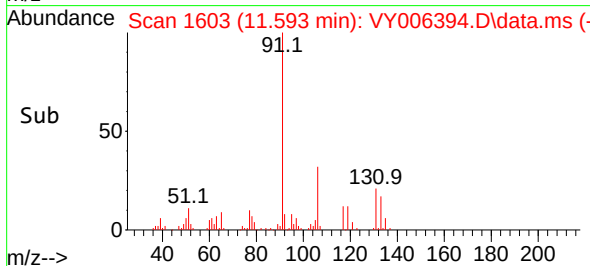
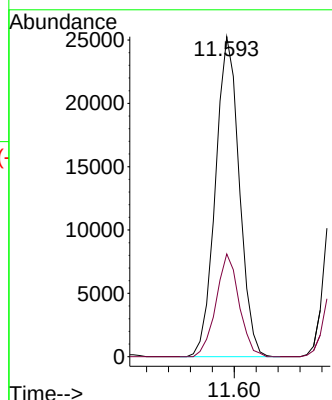
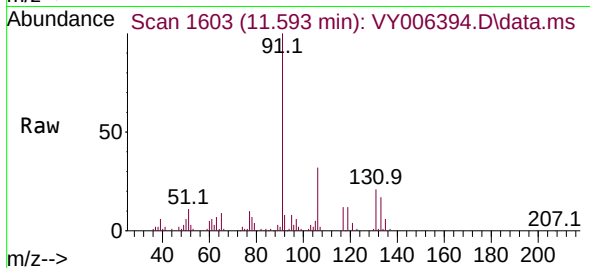




#67
Ethyl Benzene
Concen: 5.490 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

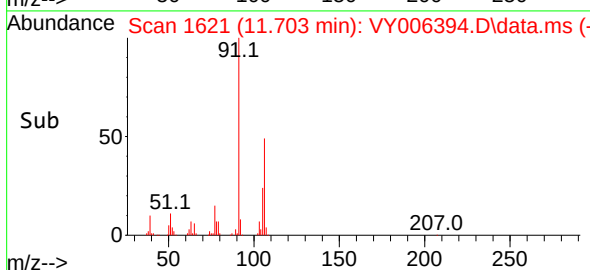
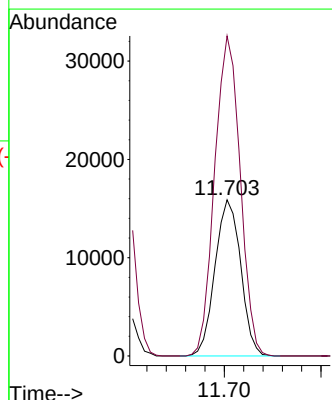
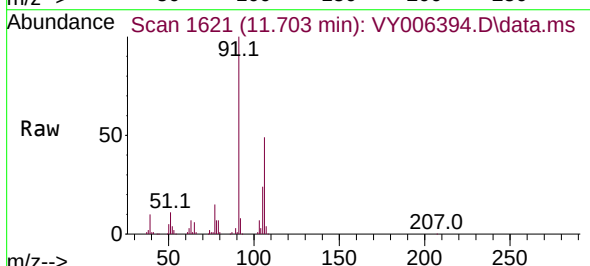
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

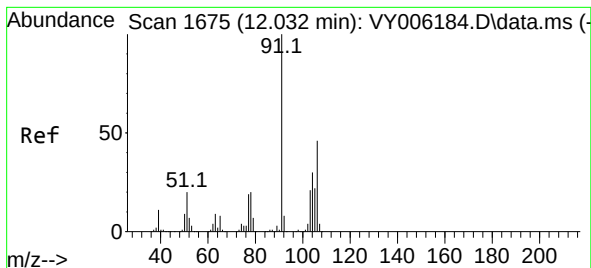
Tgt Ion: 91 Resp: 38153
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 11.100 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 106 Resp: 29274
Ion Ratio Lower Upper
106 100
91 203.9 166.6 249.8

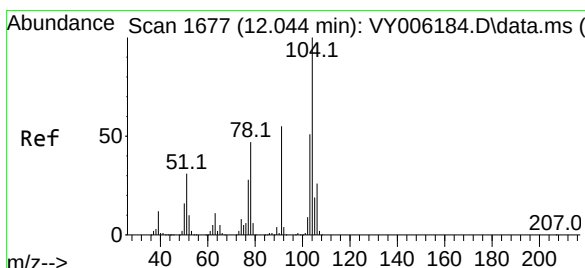
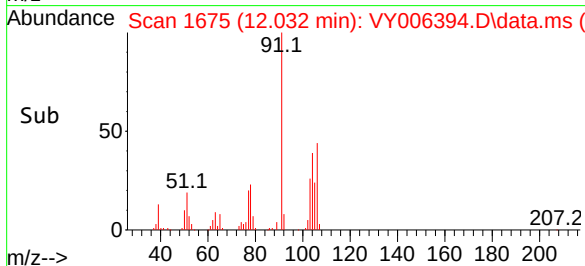
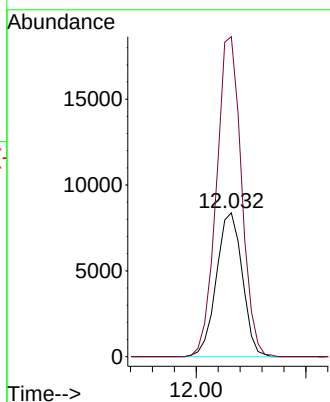
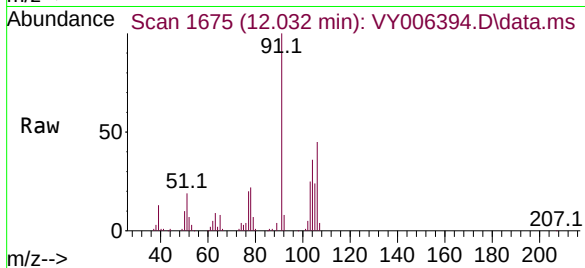




#69
o-Xylene
Concen: 5.529 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

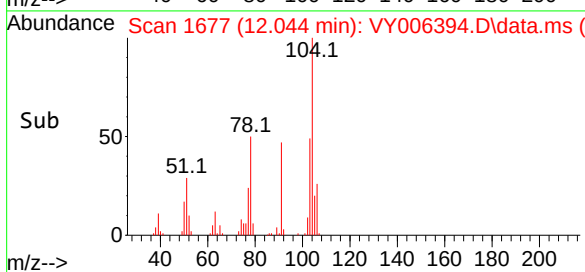
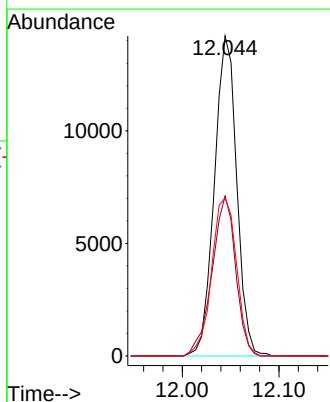
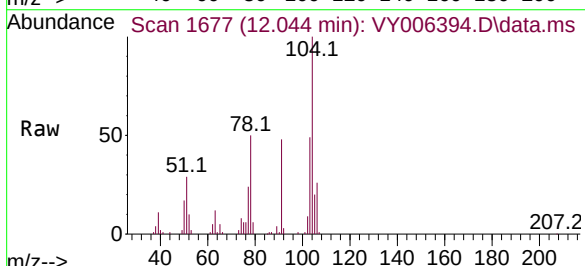
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

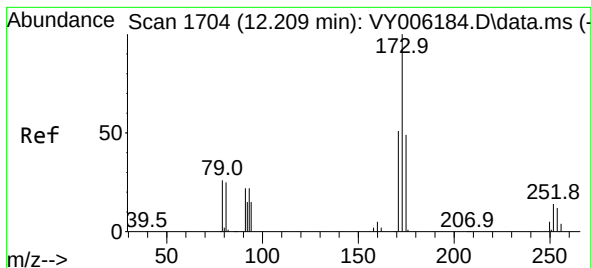
Tgt Ion:106 Resp: 13772
Ion Ratio Lower Upper
106 100
91 214.8 110.3 331.0



#70
Styrene
Concen: 5.374 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:104 Resp: 22734
Ion Ratio Lower Upper
104 100
78 52.8 42.4 63.6
103 55.2 44.4 66.6





#71

Bromoform

Concen: 5.701 ug/l

RT: 12.209 min Scan# 1704

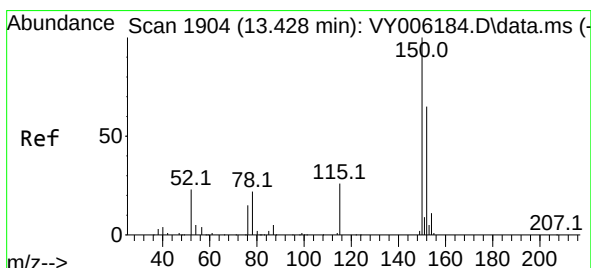
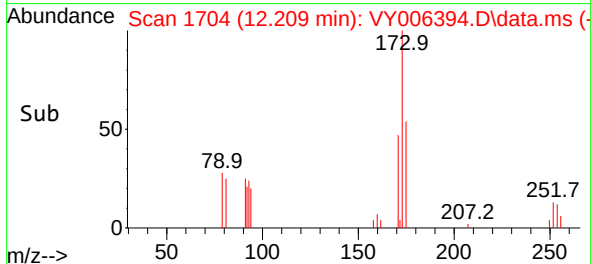
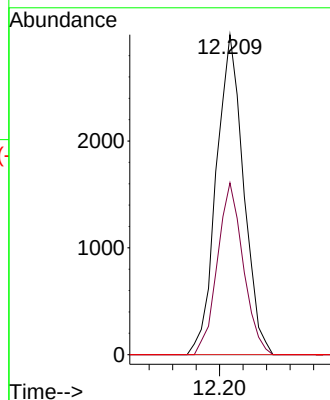
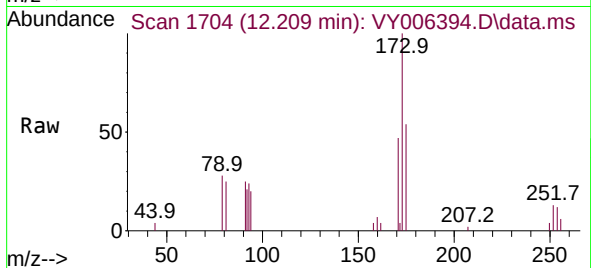
Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:	173	Resp:	4817
Ion Ratio	Lower	Upper	
173	100		
175	51.0	24.6	74.0
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

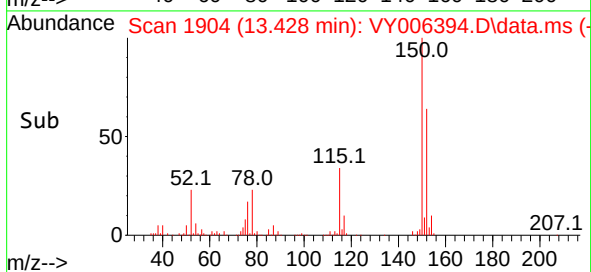
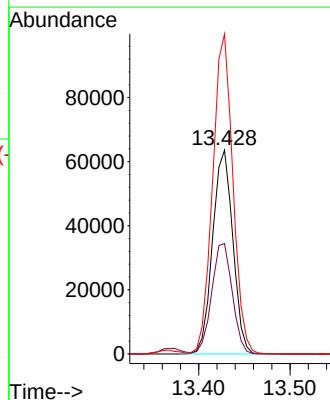
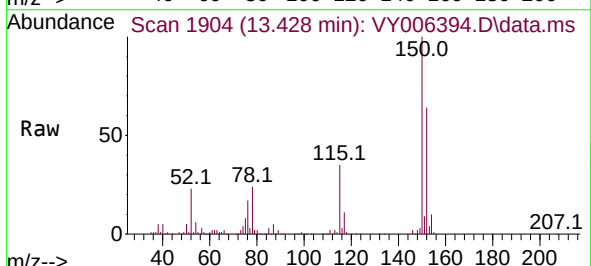
RT: 13.428 min Scan# 1904

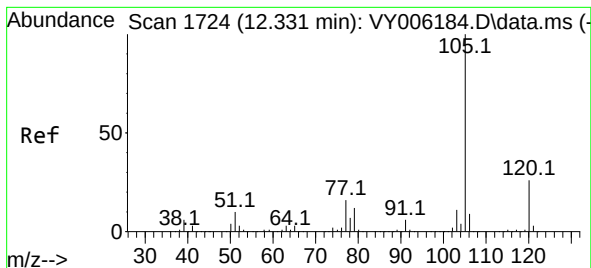
Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:	152	Resp:	97926
Ion Ratio	Lower	Upper	
152	100		
115	55.1	28.2	84.7
150	157.1	0.0	347.6





#73

Isopropylbenzene

Concen: 5.265 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006394.D

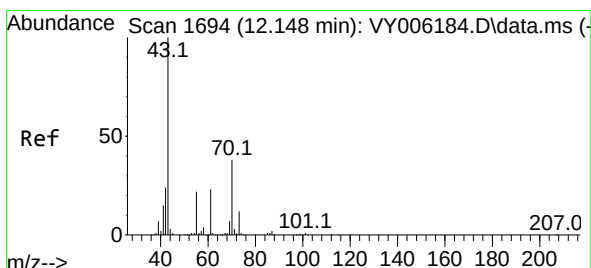
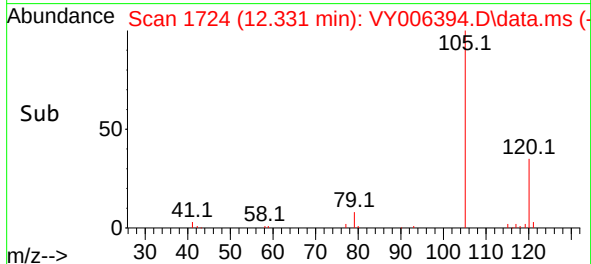
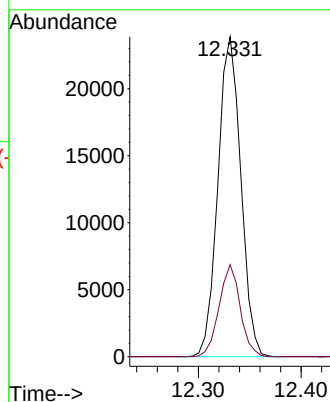
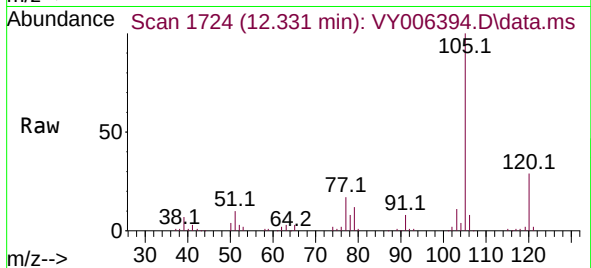
Acq: 14 Oct 2021 13:40

Tgt Ion:105 Resp: 36932

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 4.954 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion: 43 Resp: 10785

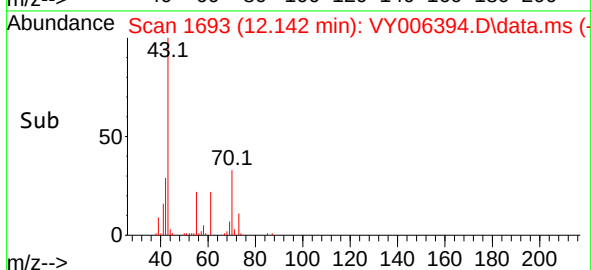
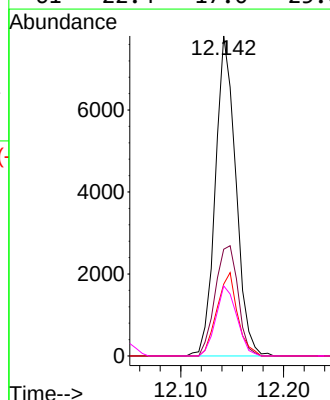
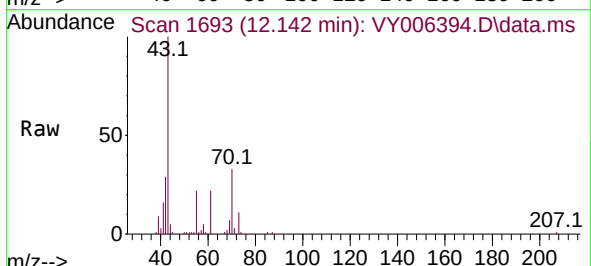
Ion Ratio Lower Upper

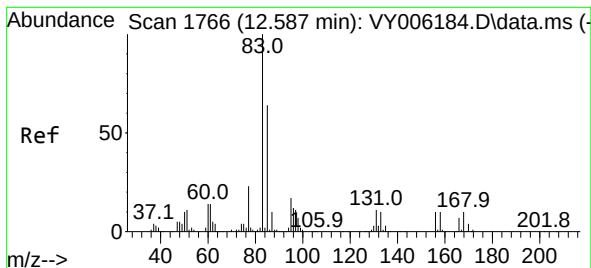
43 100

70 38.4 28.7 43.1

55 26.1 17.3 25.9#

61 22.4 17.0 25.6

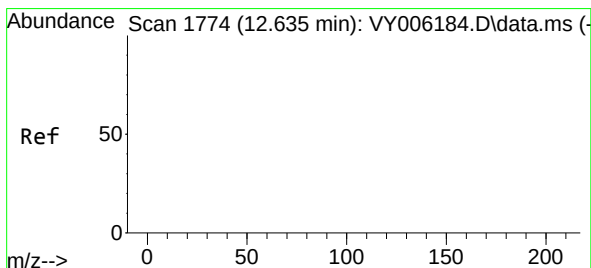
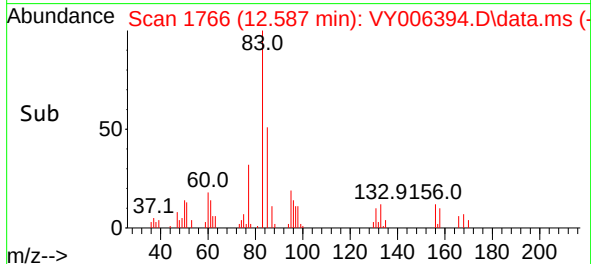
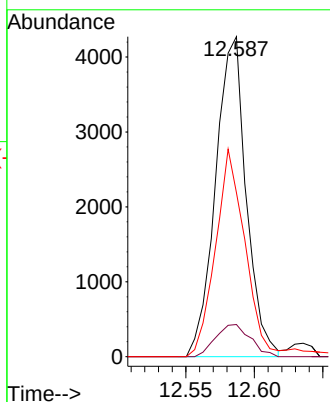
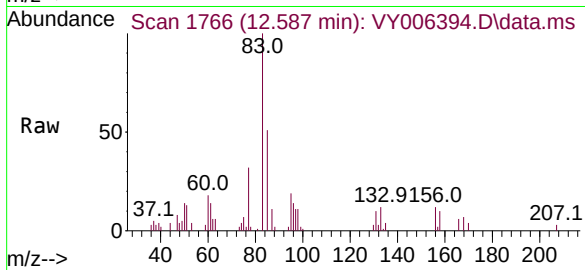




#75
1,1,2,2-Tetrachloroethane
Concen: 5.255 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

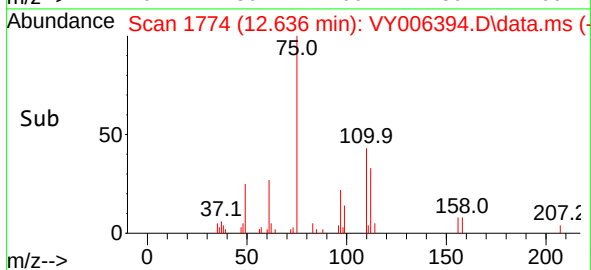
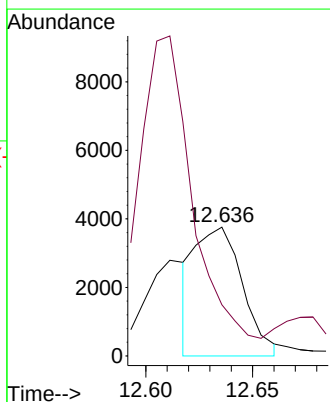
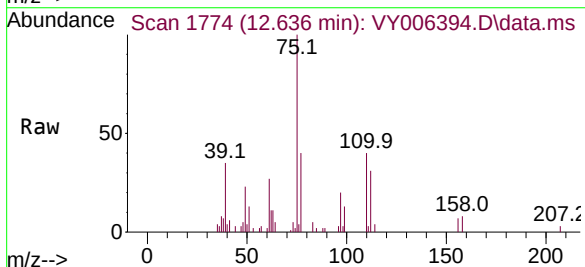
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

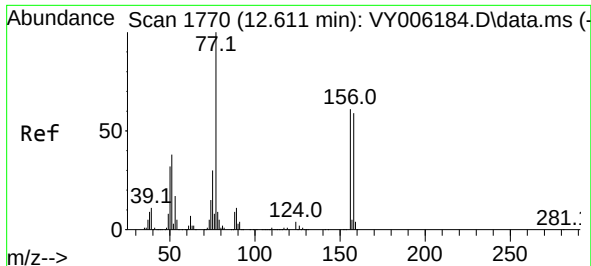
Tgt Ion: 83 Resp: 6657
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 62.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 6.123 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 75 Resp: 5828
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

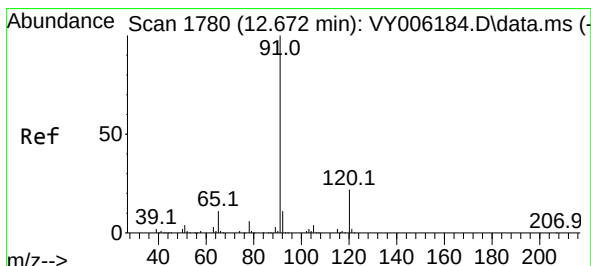
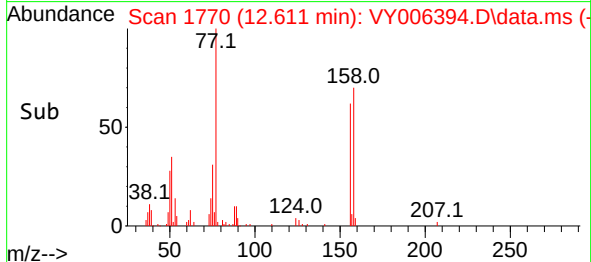
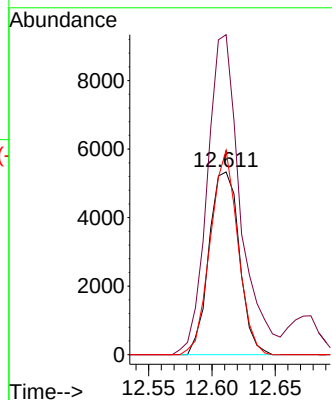
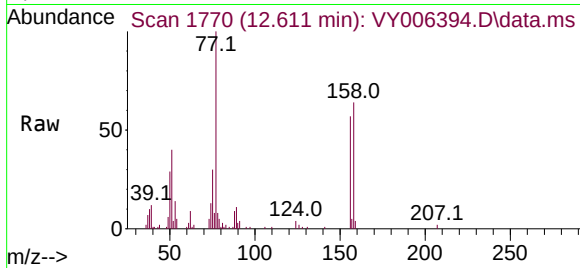




#77
Bromobenzene
Concen: 5.393 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

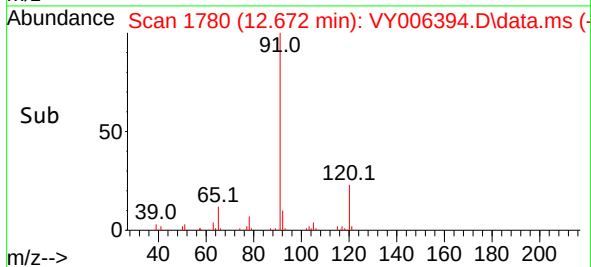
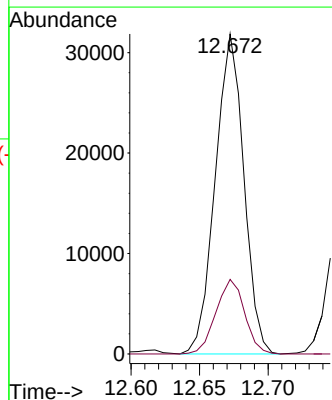
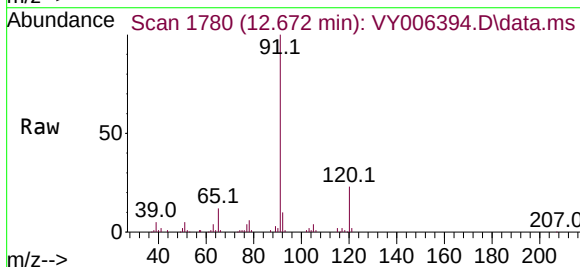
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

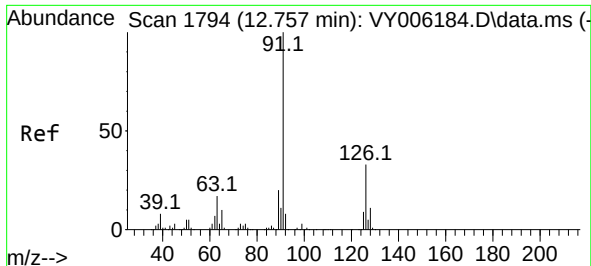
Tgt Ion:156 Resp: 8870
Ion Ratio Lower Upper
156 100
77 192.4 95.5 286.4
158 101.6 48.0 144.0



#78
n-propylbenzene
Concen: 5.347 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 91 Resp: 46165
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9

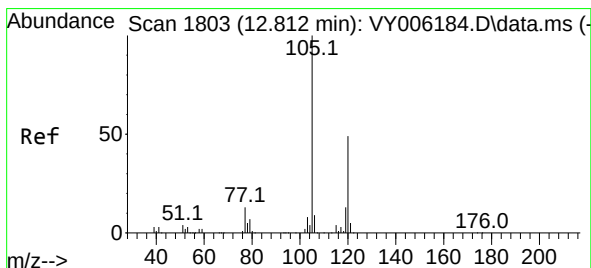
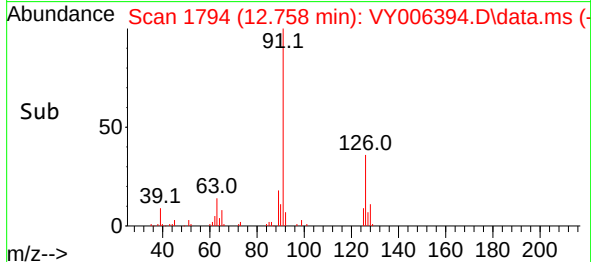
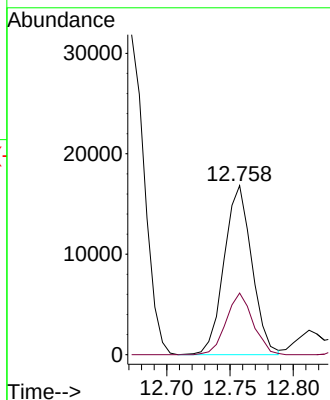
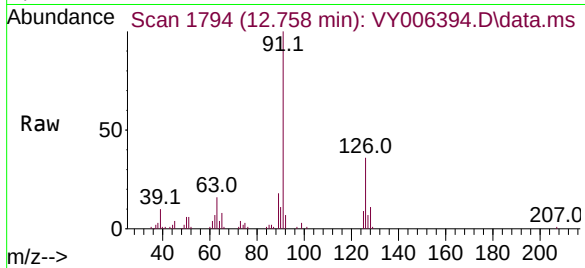




#79
2-Chlorotoluene
Concen: 5.390 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

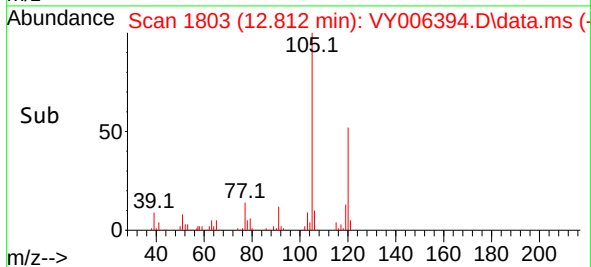
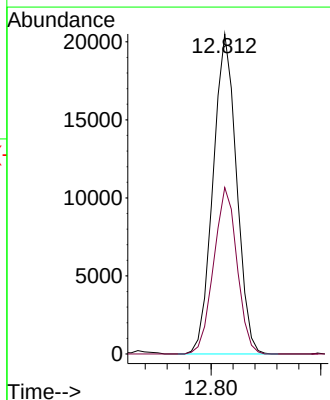
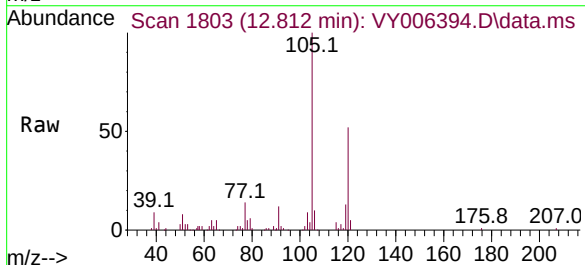
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

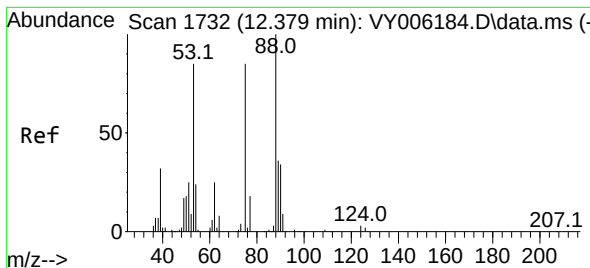
Tgt Ion: 91 Resp: 25752
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 5.194 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 105 Resp: 30465
Ion Ratio Lower Upper
105 100
120 51.6 24.4 73.4

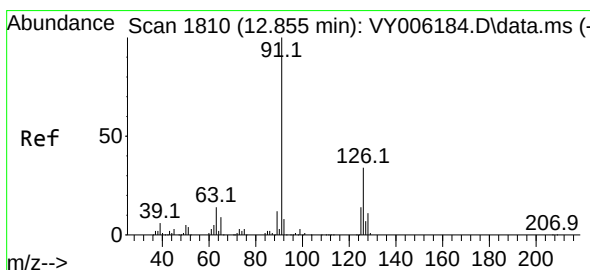
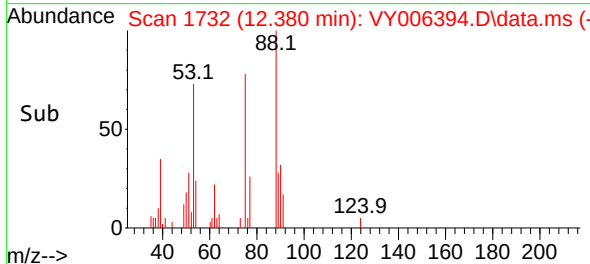
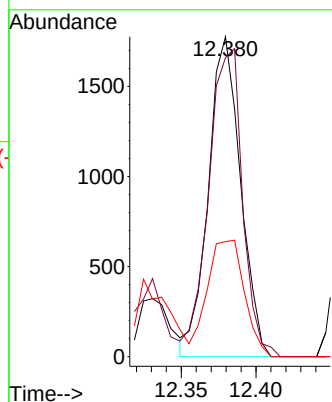
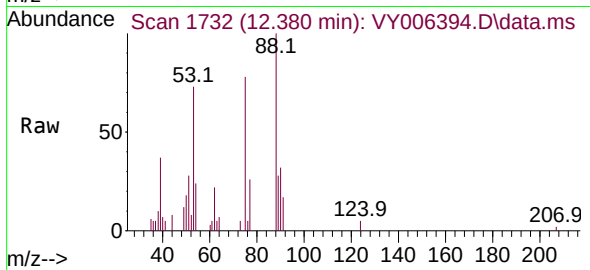




#81
trans-1,4-Dichloro-2-butene
Concen: 5.484 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

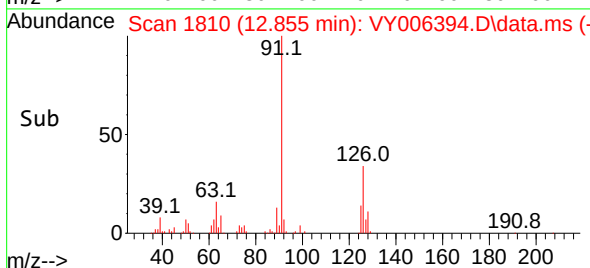
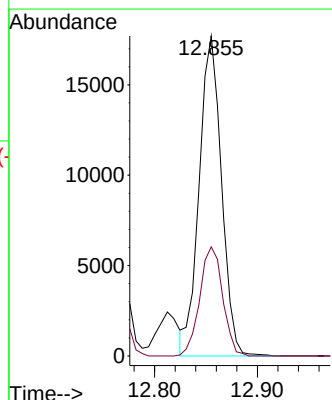
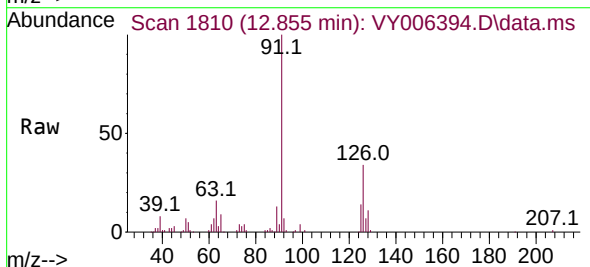
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

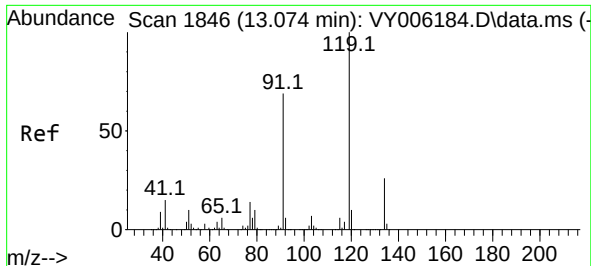
Tgt Ion: 75 Resp: 2656
Ion Ratio Lower Upper
75 100
53 101.1 85.3 127.9
89 42.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.408 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion: 91 Resp: 26726
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0

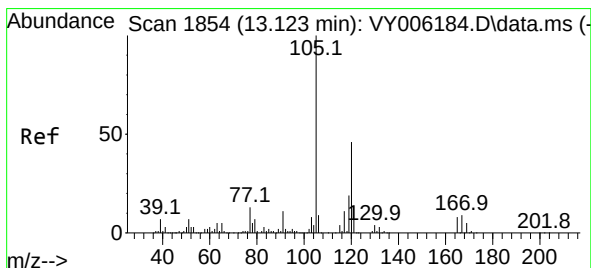
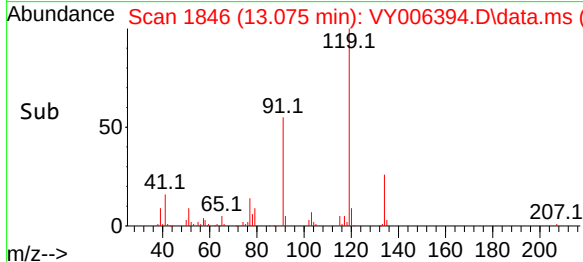
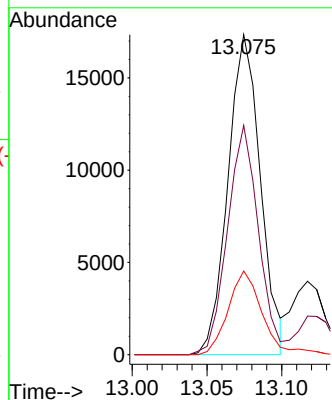
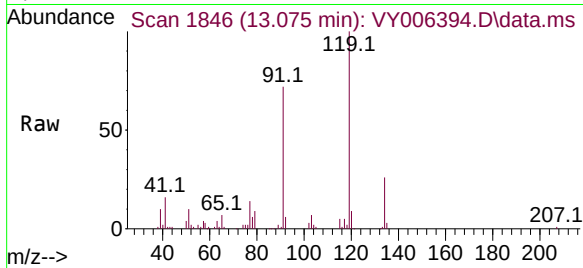




#83
tert-Butylbenzene
Concen: 5.231 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

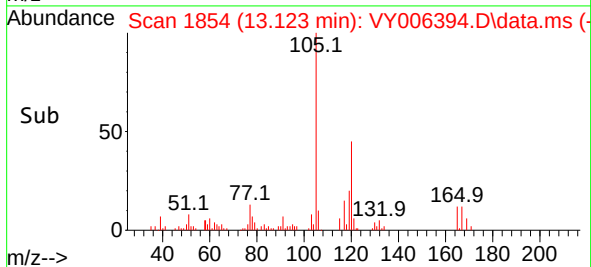
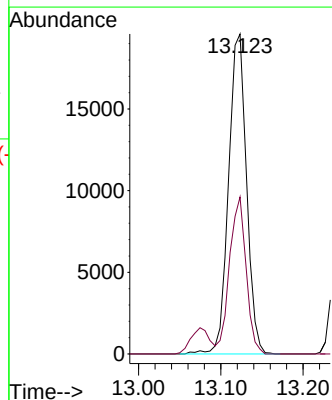
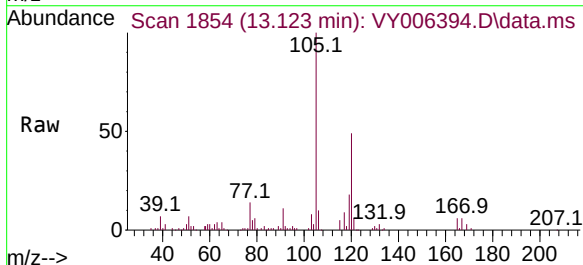
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

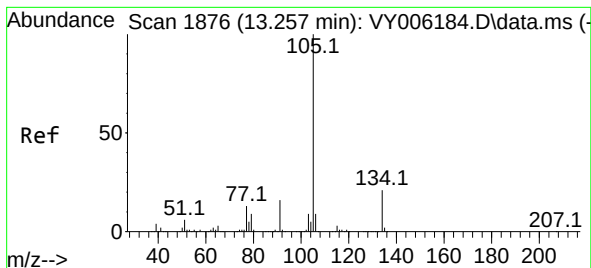
Tgt Ion:119 Resp: 26231
Ion Ratio Lower Upper
119 100
91 69.0 34.8 104.4
134 27.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 5.143 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:105 Resp: 29789
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 5.266 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY006394.D

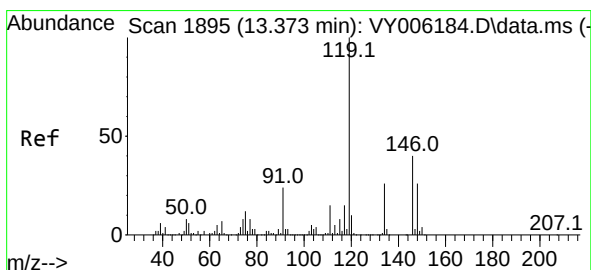
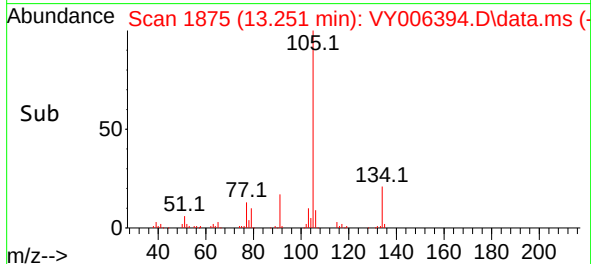
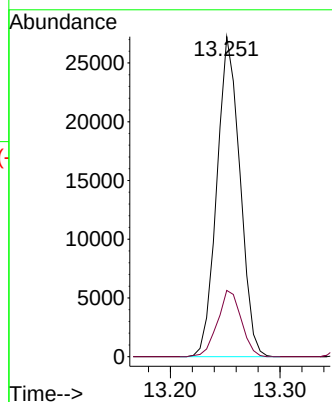
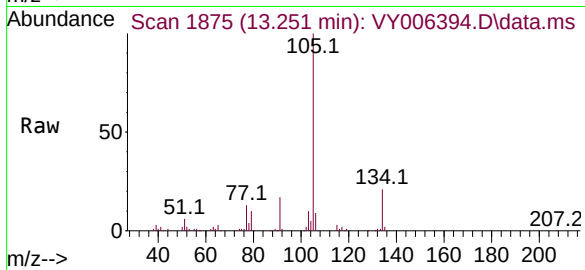
Acq: 14 Oct 2021 13:40

Tgt Ion:105 Resp: 39908

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 5.272 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

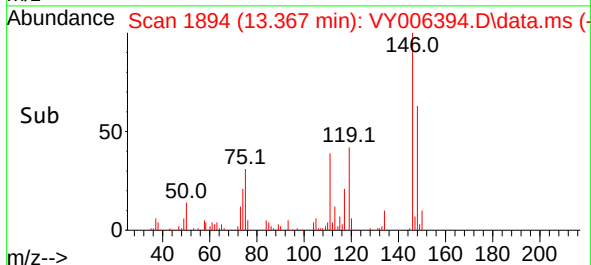
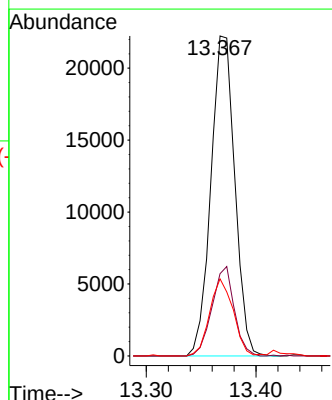
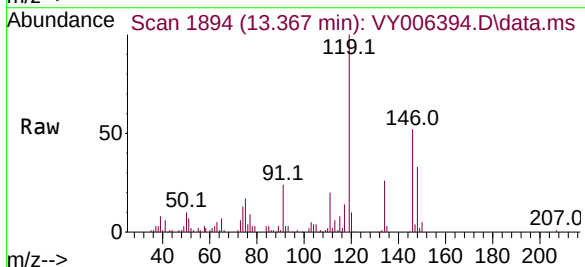
Tgt Ion:119 Resp: 33714

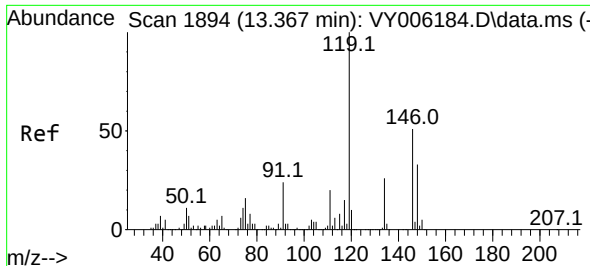
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 23.8 12.4 37.2

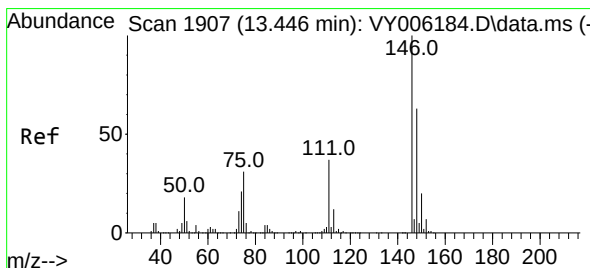
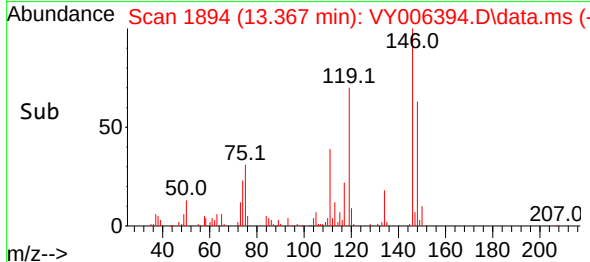
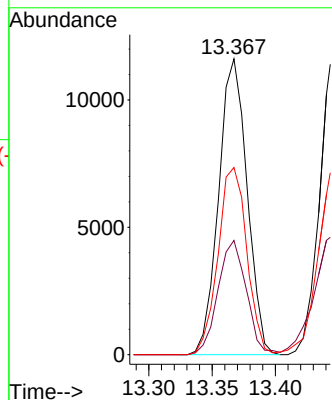
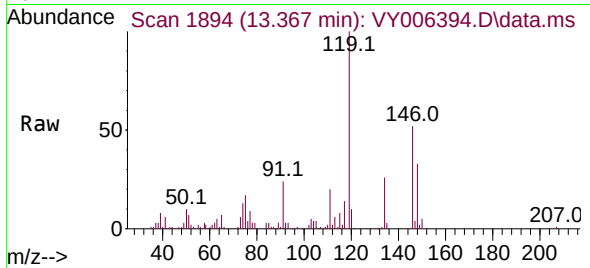




#87
1,3-Dichlorobenzene
Concen: 5.569 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

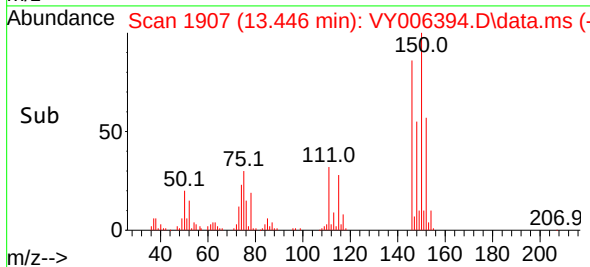
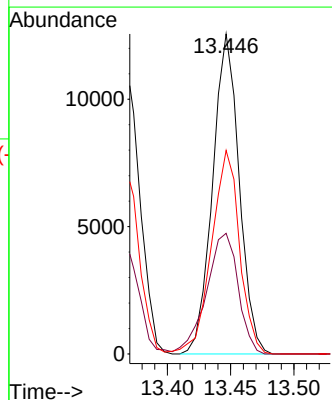
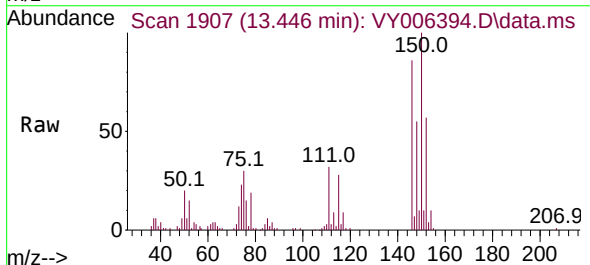
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

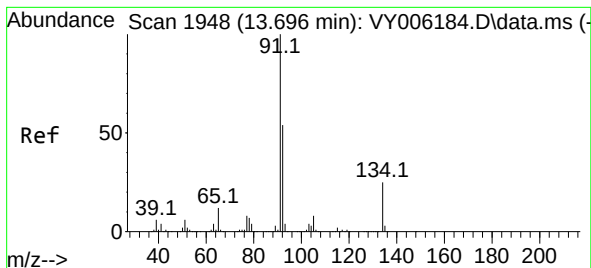
Tgt Ion:146 Resp: 18146
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.703 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:146 Resp: 18324
Ion Ratio Lower Upper
146 100
111 45.0 19.3 57.8
148 67.2 32.6 97.8





#89

n-Butylbenzene

Concen: 5.164 ug/l

RT: 13.696 min Scan# 1948

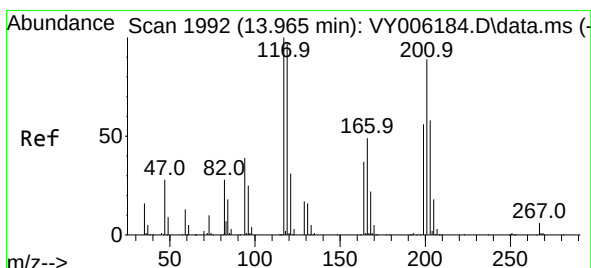
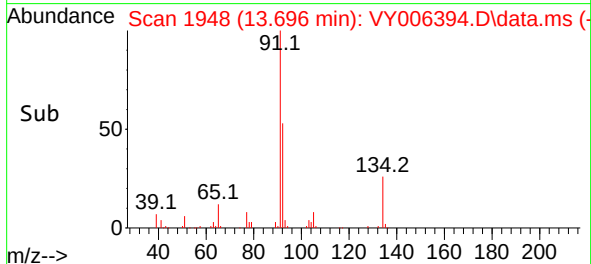
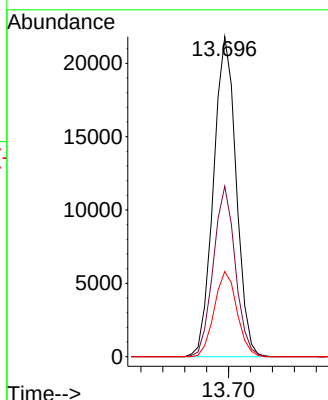
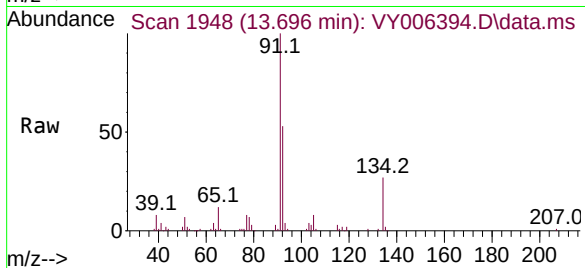
Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:	91	Resp:	31377
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	26.6	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



#90

Hexachloroethane

Concen: 5.474 ug/l

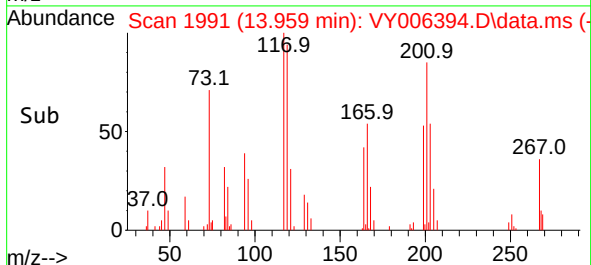
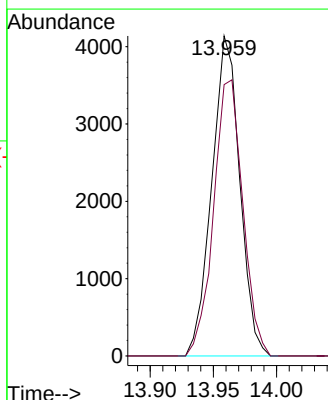
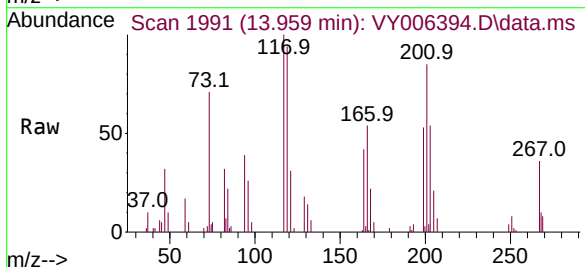
RT: 13.959 min Scan# 1991

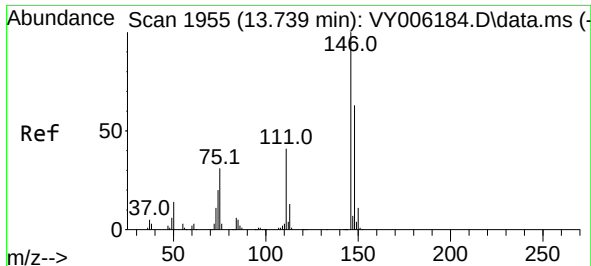
Delta R.T. -0.006 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:	117	Resp:	6357
Ion	Ratio	Lower	Upper
117	100		
201	90.0	43.0	128.8

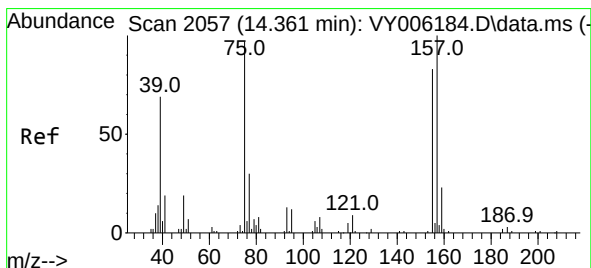
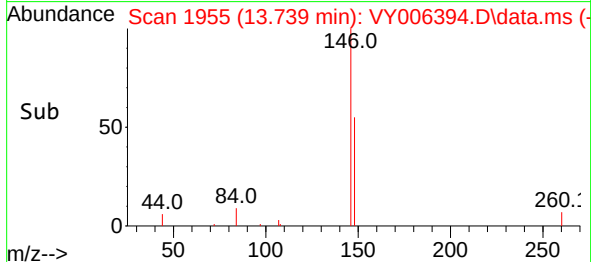
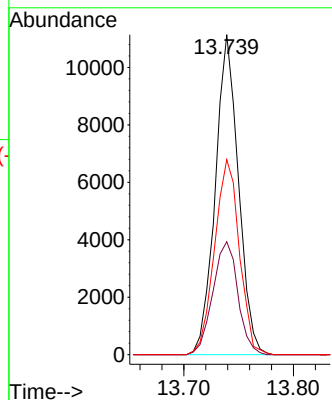
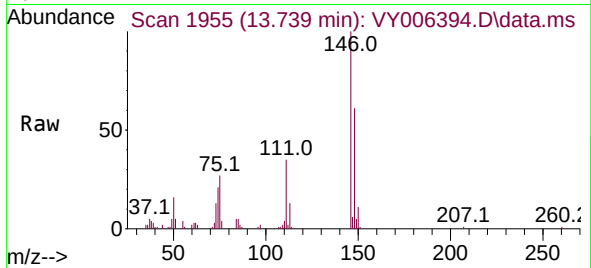




#91
1,2-Dichlorobenzene
Concen: 5.741 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

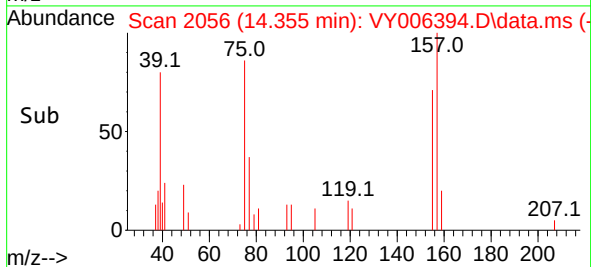
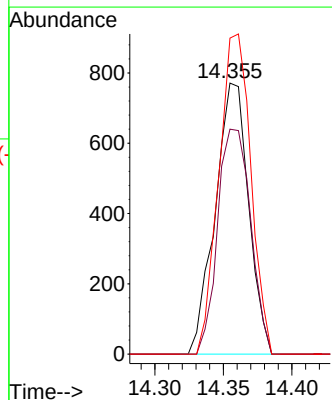
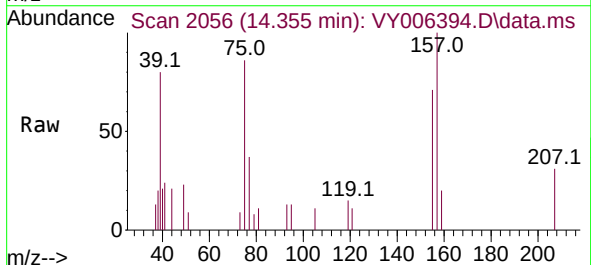
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

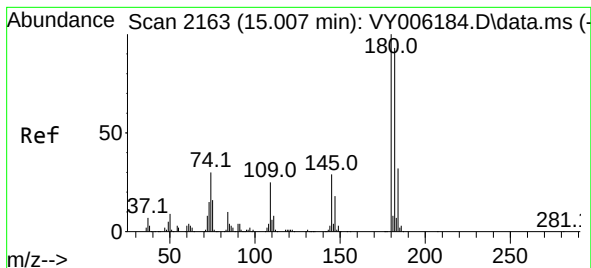
Tgt Ion:	146	Resp:	16359
Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	65.2	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.415 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	75	Resp:	1307
Ion	Ratio	Lower	Upper
75	100		
155	81.9	38.0	113.9
157	113.2	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 5.567 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

Tgt Ion:180 Resp: 10481

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

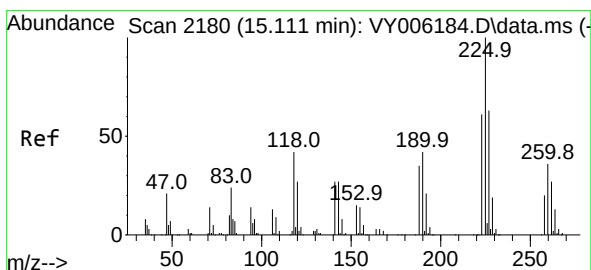
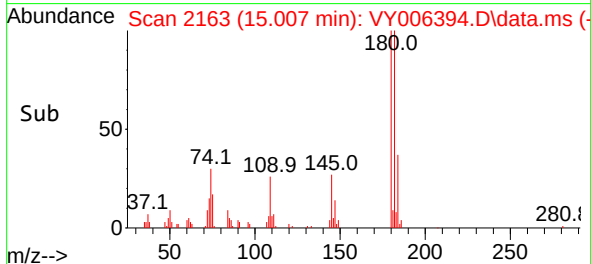
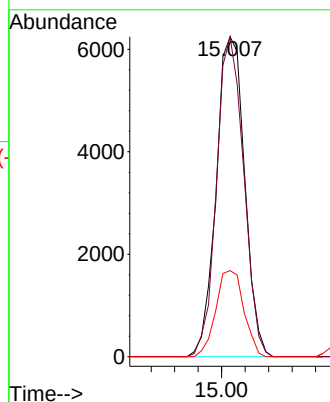
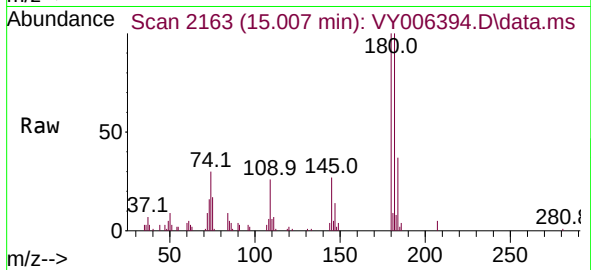
145 26.5 14.6 43.8

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT4-2021



#94

Hexachlorobutadiene

Concen: 5.959 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY006394.D

Acq: 14 Oct 2021 13:40

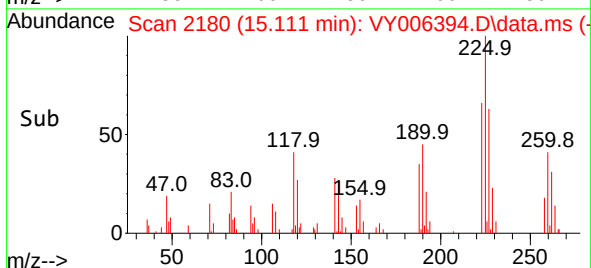
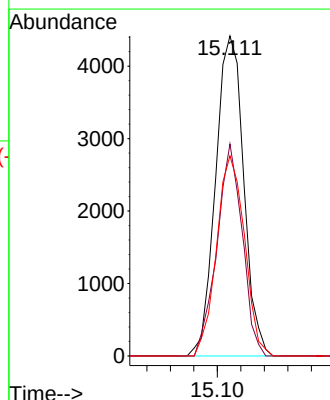
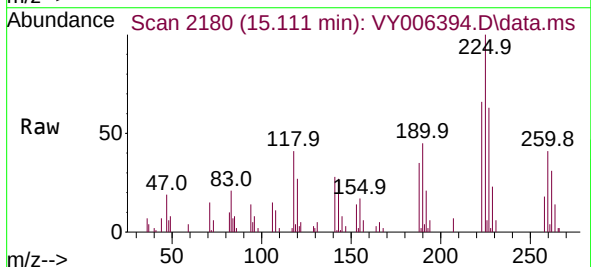
Tgt Ion:225 Resp: 7319

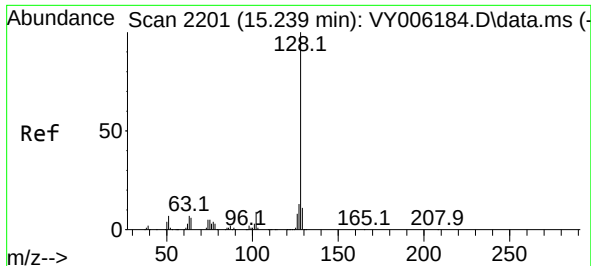
Ion Ratio Lower Upper

225 100

223 59.9 30.8 92.3

227 62.4 31.6 94.7

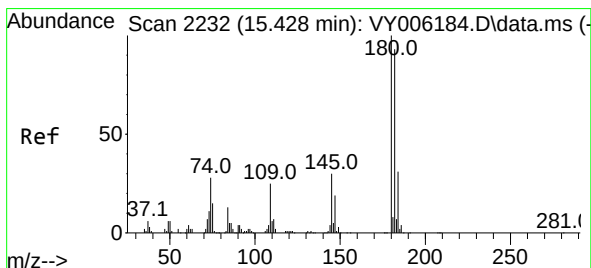
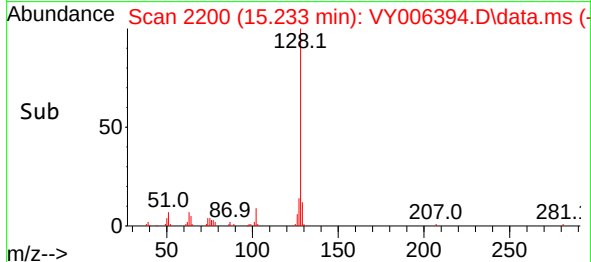
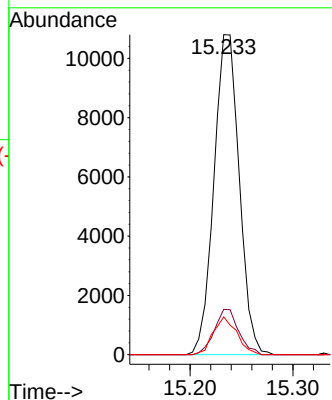
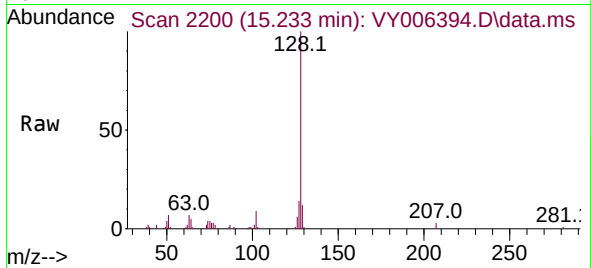




#95
Naphthalene
Concen: 4.936 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:	128	Resp:	18465
Ion Ratio	Lower	Upper	
128	100		
127	13.6	11.0	16.4
129	11.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 5.253 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006394.D
Acq: 14 Oct 2021 13:40

Tgt Ion:	180	Resp:	8766
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.3	141.9
145	29.4	15.3	45.9

