

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006393.D
 Acq On : 14 Oct 2021 13:18
 Operator : SY/MD
 Sample : M4068-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Oct 15 00:37:12 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	132565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69973	49.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.722	113	52637	48.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.179	98	213874	46.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.483	95	72555	46.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6015	4.473	ug/l	85
3) Chloromethane	2.113	50	7933	5.065	ug/l	98
4) Vinyl Chloride	2.253	62	9662	5.566	ug/l	97
5) Bromomethane	2.656	94	6672	5.914	ug/l	93
6) Chloroethane	2.796	64	5711	5.592	ug/l #	85
7) Trichlorofluoromethane	3.131	101	11753	5.141	ug/l	90
8) Diethyl Ether	3.534	74	3908	5.175	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	6154	5.042	ug/l	97
10) Methyl Iodide	4.095	142	5450	4.097	ug/l	93
11) Tert butyl alcohol	4.948	59	3486	28.087	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	6266	5.047	ug/l	94
13) Acrolein	3.729	56	1572	19.890	ug/l	91
14) Allyl chloride	4.491	41	12250	5.130	ug/l	93
15) Acrylonitrile	5.174	53	8344	21.008	ug/l	97
16) Acetone	3.948	43	9861	24.884	ug/l	97
17) Carbon Disulfide	4.198	76	20891	5.031	ug/l #	95
18) Methyl Acetate	4.479	43	7474	5.593	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	14930	4.118	ug/l	98
20) Methylene Chloride	4.722	84	17116	11.098	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	6067	4.408	ug/l	89
22) Diisopropyl ether	6.125	45	18683	3.955	ug/l	95
23) Vinyl Acetate	6.064	43	53688	18.962	ug/l	98
24) 1,1-Dichloroethane	6.027	63	11244	4.434	ug/l	99
25) 2-Butanone	6.996	43	10944	19.826	ug/l	97
26) 2,2-Dichloropropane	6.984	77	10471	4.515	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	6840	4.437	ug/l	95
28) Bromochloromethane	7.344	49	4751	4.500	ug/l #	92
29) Tetrahydrofuran	7.350	42	7173	20.572	ug/l	97
30) Chloroform	7.515	83	11588	4.581	ug/l	94
31) Cyclohexane	7.795	56	12910	4.803	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	10046	4.301	ug/l	99
36) 1,1-Dichloropropene	7.917	75	8889	4.380	ug/l	99
37) Ethyl Acetate	7.082	43	4570	3.865	ug/l #	94
38) Carbon Tetrachloride	7.905	117	9757	4.553	ug/l	98
39) Methylcyclohexane	9.185	83	10438	4.094	ug/l	95
40) Benzene	8.161	78	25719	4.467	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	2904m	3.786	ug/l	
42) 1,2-Dichloroethane	8.246	62	8647	4.661	ug/l	96
43) Isopropyl Acetate	8.271	43	9261	4.084	ug/l #	88
44) Trichloroethene	8.941	130	6877	4.624	ug/l	99
45) 1,2-Dichloropropane	9.222	63	6302	4.446	ug/l	99
46) Dibromomethane	9.307	93	3402	4.507	ug/l	98
47) Bromodichloromethane	9.496	83	8682	4.467	ug/l #	97
48) Methyl methacrylate	9.295	41	4195	3.856	ug/l	95
49) 1,4-Dioxane	9.307	88	774	78.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	23033	19.561	ug/l	100
52) Toluene	10.246	92	15766	4.414	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	8832	4.168	ug/l #	88
54) cis-1,3-Dichloropropene	9.929	75	9960	4.275	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	4412	4.154	ug/l	91
56) Ethyl methacrylate	10.508	69	6481	4.015	ug/l	94
57) 1,3-Dichloropropane	10.795	76	8298	4.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	15104	19.095	ug/l	97
59) 2-Hexanone	10.831	43	16334	19.477	ug/l	98
60) Dibromochloromethane	10.990	129	5616	4.352	ug/l	100
61) 1,2-Dibromoethane	11.093	107	4225	4.201	ug/l	96
64) Tetrachloroethene	10.721	164	7596	4.927	ug/l	98
65) Chlorobenzene	11.514	112	16400	4.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	6086	4.354	ug/l	97
67) Ethyl Benzene	11.593	91	29030	4.061	ug/l	96
68) m/p-Xylenes	11.703	106	22549	8.312	ug/l	92
69) o-Xylene	12.032	106	10603	4.138	ug/l	93
70) Styrene	12.044	104	17546	4.032	ug/l	99
71) Bromoform	12.209	173	3581	4.120	ug/l #	100
73) Isopropylbenzene	12.331	105	27473	3.913	ug/l	100
74) N-amyl acetate	12.142	43	7838	3.597	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	4748	3.744	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	4448m	4.669	ug/l	
77) Bromobenzene	12.605	156	7127	4.329	ug/l	91
78) n-propylbenzene	12.672	91	34220	3.959	ug/l	97
79) 2-Chlorotoluene	12.758	91	19146	4.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	22751	3.875	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	1979	4.082	ug/l	93
82) 4-Chlorotoluene	12.855	91	20566	4.158	ug/l	96
83) tert-Butylbenzene	13.075	119	19548	3.895	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	22019	3.798	ug/l	95
85) sec-Butylbenzene	13.251	105	29874	3.938	ug/l	99
86) p-Isopropyltoluene	13.367	119	24884	3.888	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	13670	4.191	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	14058	4.371	ug/l	94
89) n-Butylbenzene	13.696	91	23483	3.861	ug/l	98
90) Hexachloroethane	13.959	117	5106	4.392	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	11962	4.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	867	3.589	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	8051	4.272	ug/l	99
94) Hexachlorobutadiene	15.111	225	5246	4.267	ug/l	94
95) Naphthalene	15.233	128	13535	3.615	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	6663	3.989	ug/l	97

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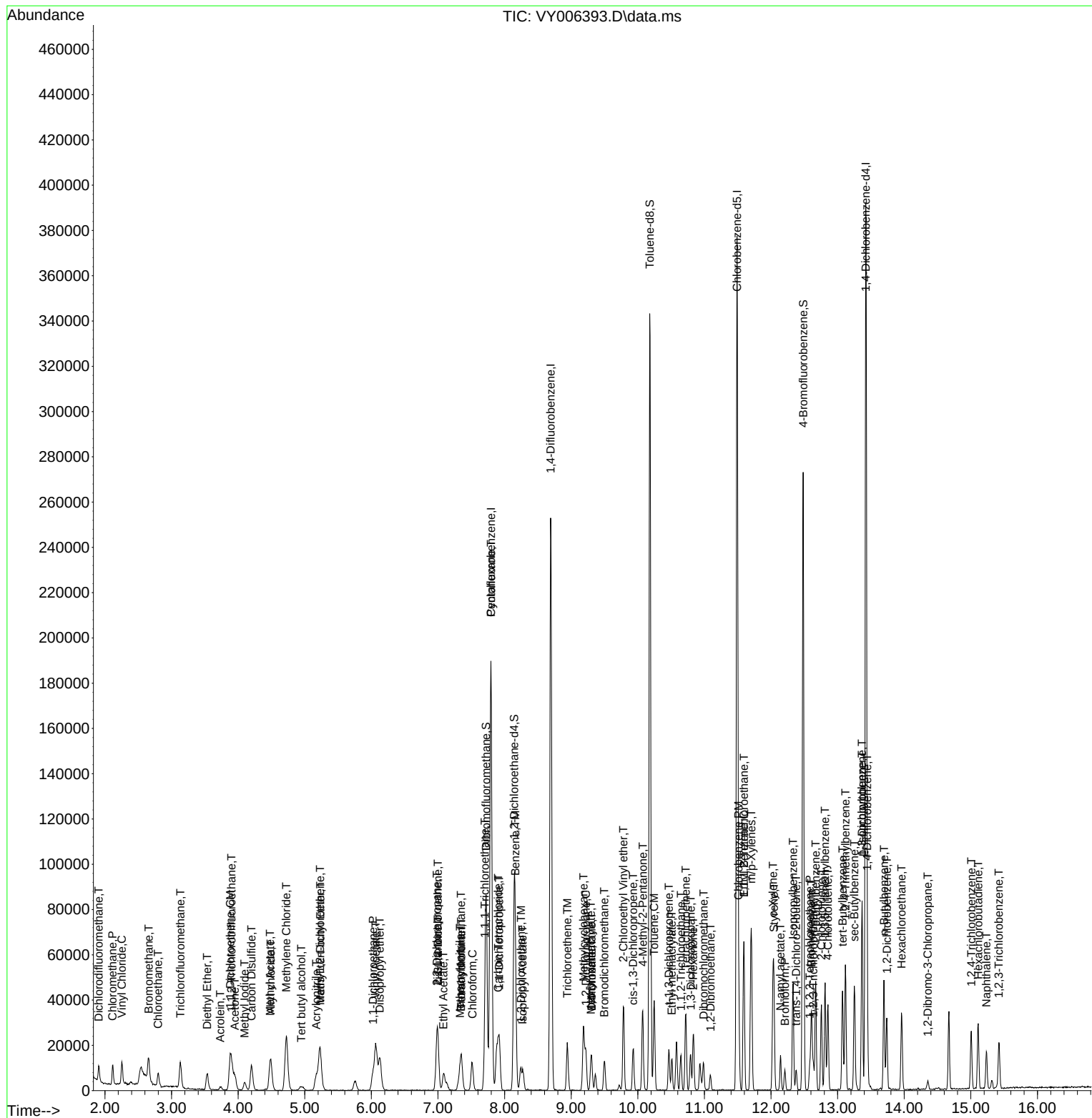
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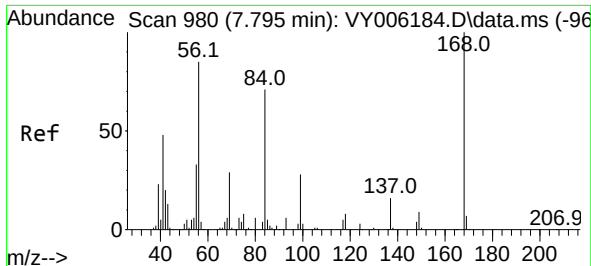
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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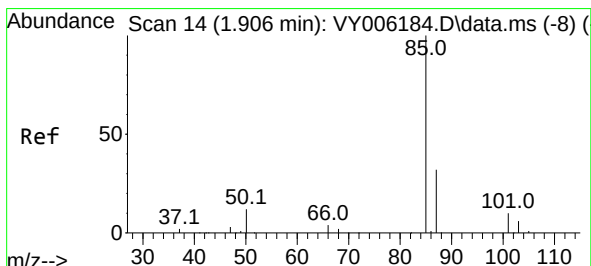
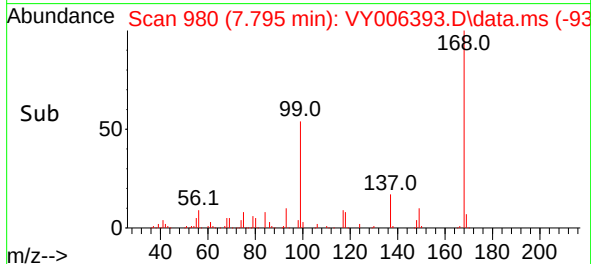
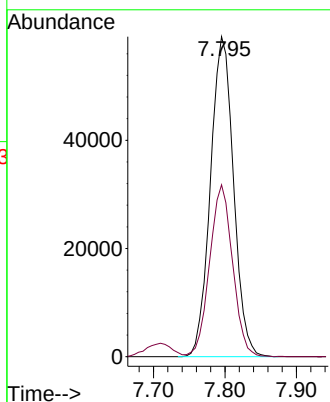
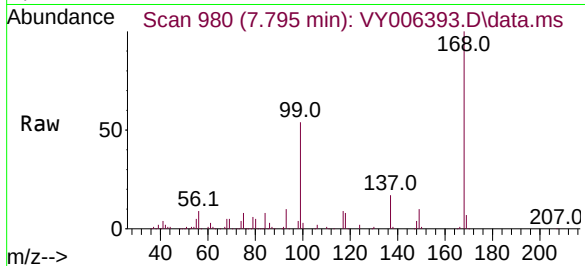




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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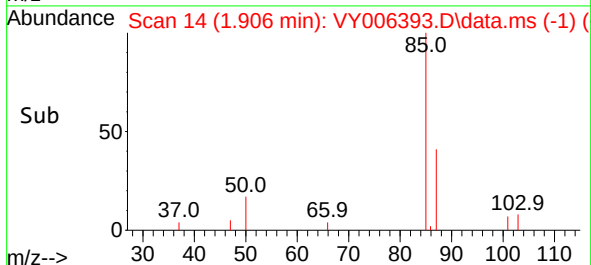
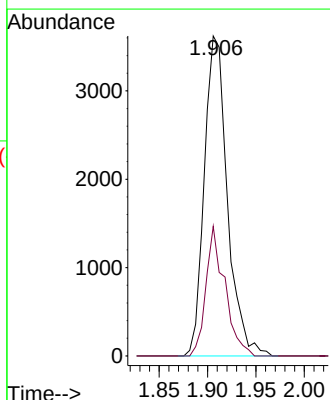
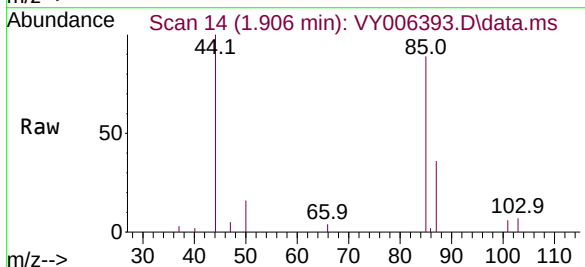
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ClientSampleId :
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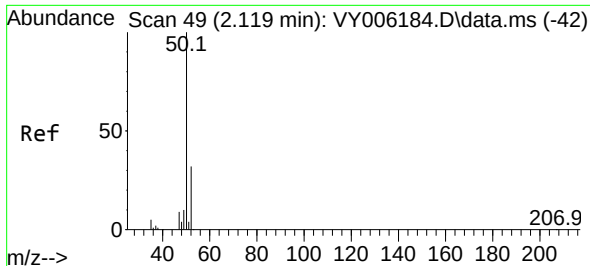
Tgt Ion:168 Resp: 132565
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.473 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 85 Resp: 6015
Ion Ratio Lower Upper
85 100
87 40.5 16.1 48.2

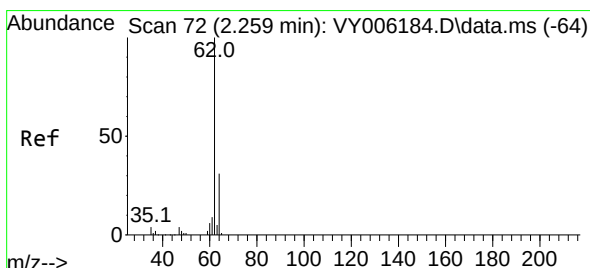
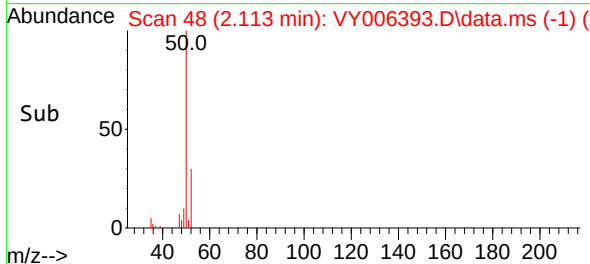
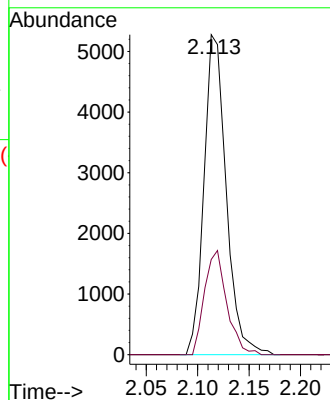
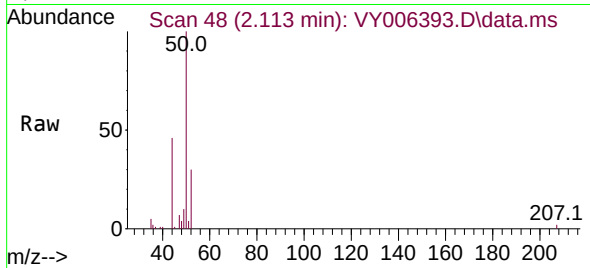




#3
Chloromethane
Concen: 5.065 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

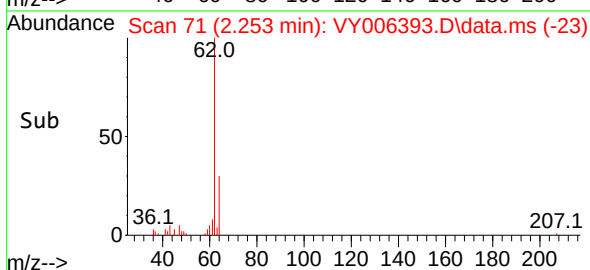
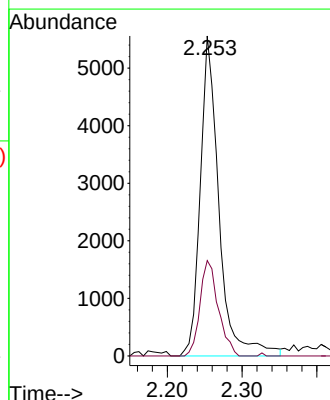
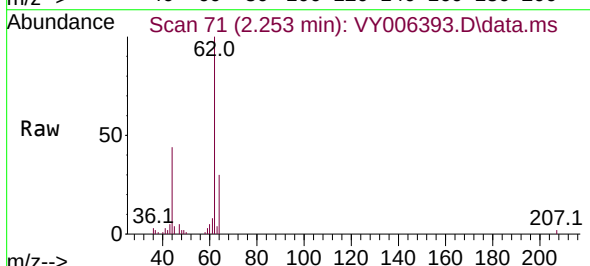
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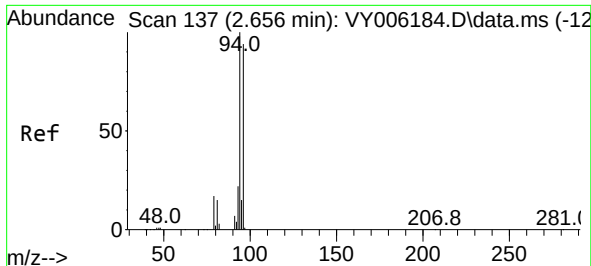
Tgt Ion: 50 Resp: 7933
Ion Ratio Lower Upper
50 100
52 29.8 24.6 37.0



#4
Vinyl Chloride
Concen: 5.566 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 62 Resp: 9662
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.6

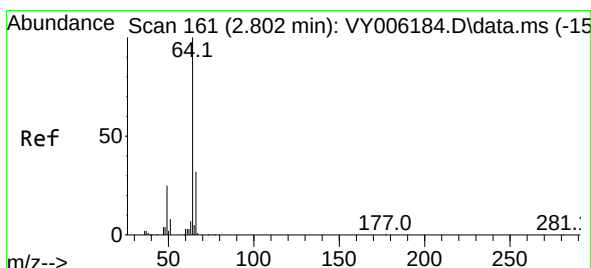
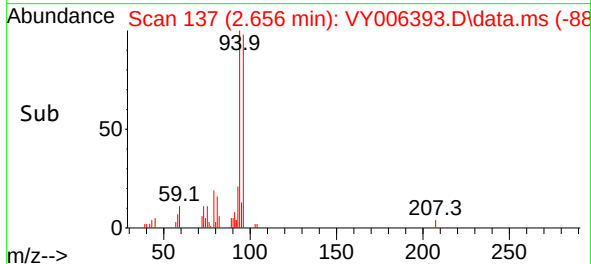
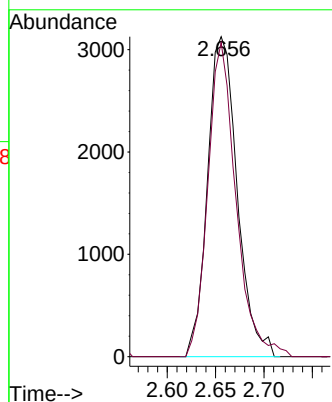
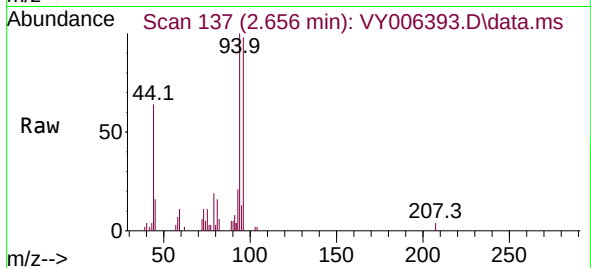




#5
Bromomethane
Concen: 5.914 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

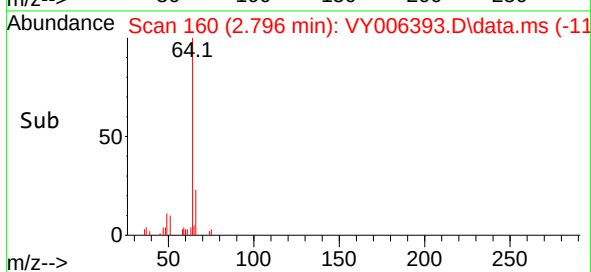
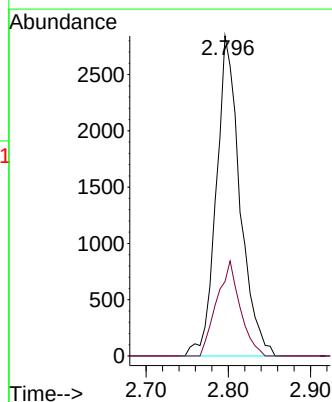
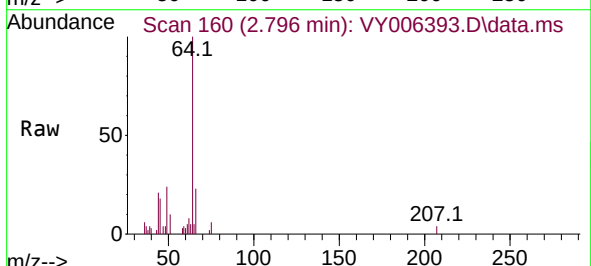
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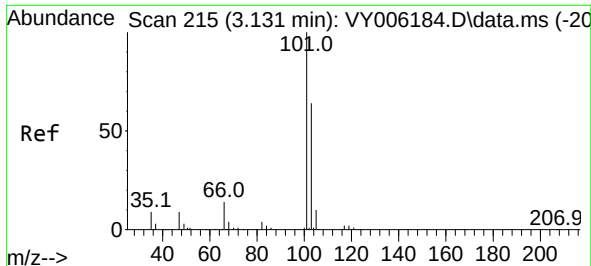
Tgt Ion: 94 Resp: 6672
Ion Ratio Lower Upper
94 100
96 98.1 73.5 110.3



#6
Chloroethane
Concen: 5.592 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 5711
Ion Ratio Lower Upper
64 100
66 23.3 25.4 38.0#

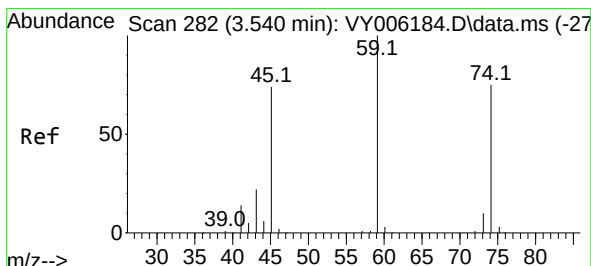
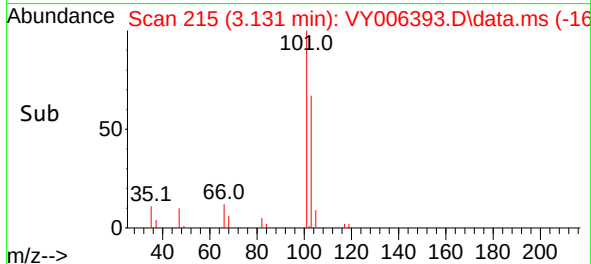
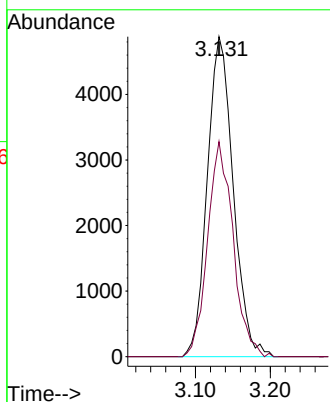
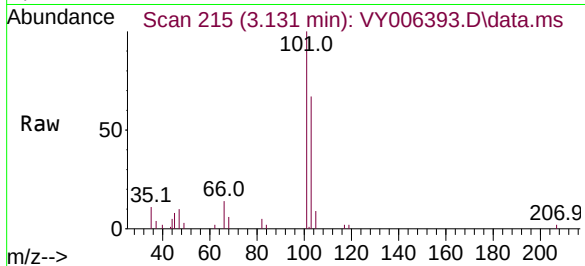




#7
Trichlorofluoromethane
Concen: 5.141 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

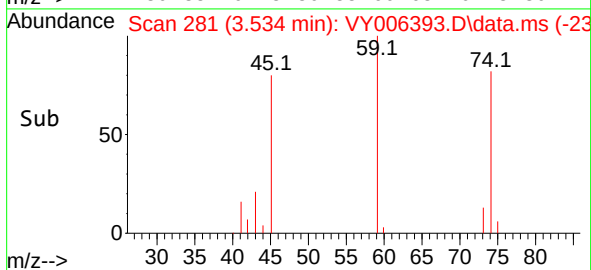
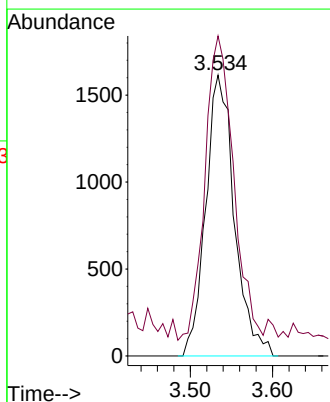
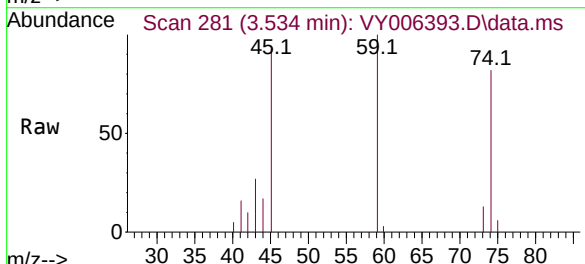
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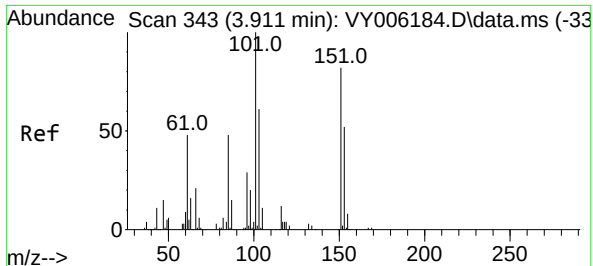
Tgt Ion:101 Resp: 11753
Ion Ratio Lower Upper
101 100
103 67.2 48.0 72.0



#8
Diethyl Ether
Concen: 5.175 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 3908
Ion Ratio Lower Upper
74 100
45 108.3 55.1 165.5

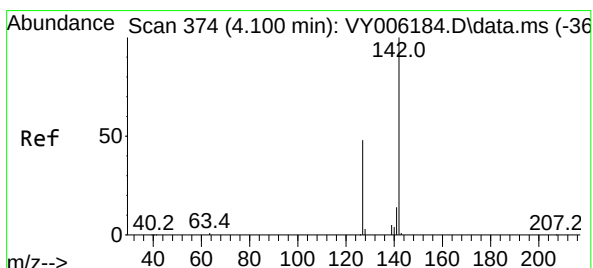
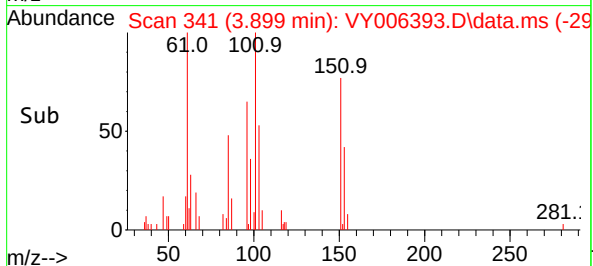
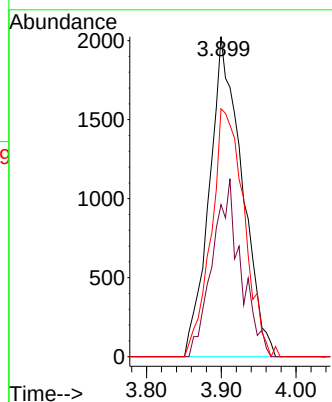
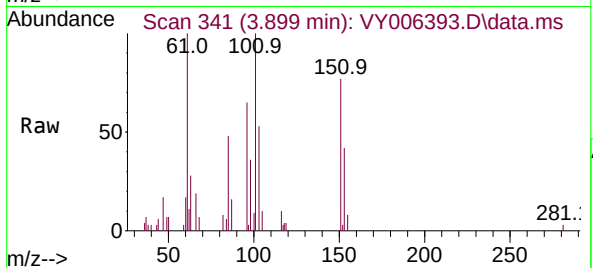




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.042 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

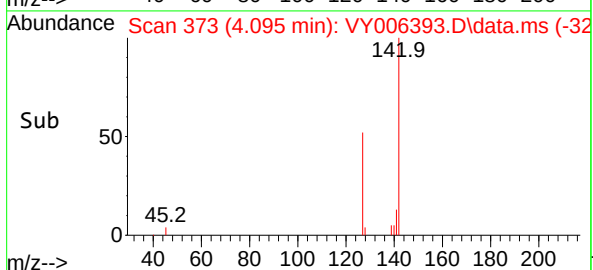
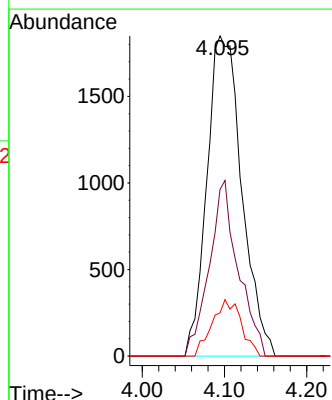
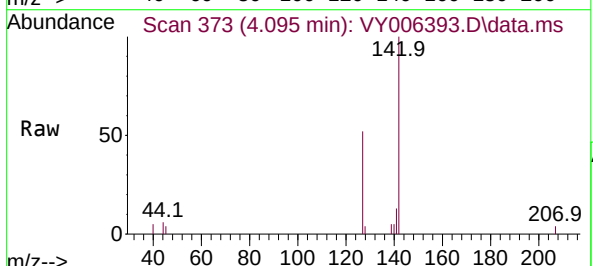
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

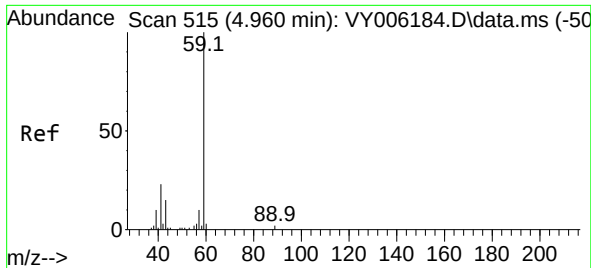
Tgt Ion:101	Resp:	6154
Ion Ratio	Lower	Upper
101	100	
85	48.4	40.6 60.8
151	78.3	64.9 97.3



#10
Methyl Iodide
Concen: 4.097 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.005 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:142	Resp:	5450
Ion Ratio	Lower	Upper
142	100	
127	45.6	41.5 62.3
141	14.7	11.9 17.9

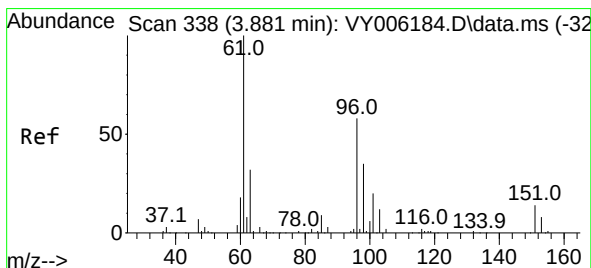
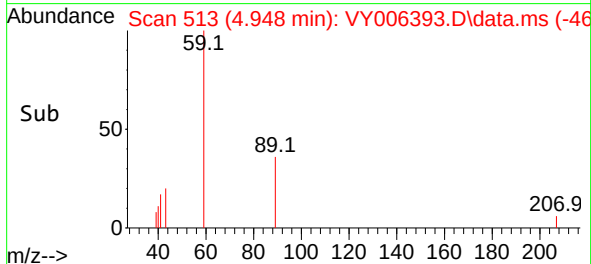
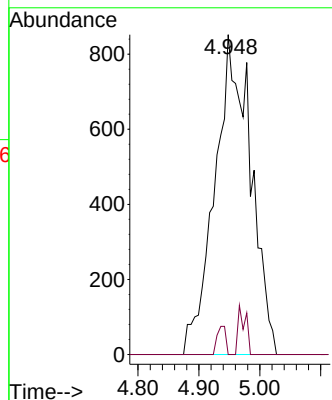
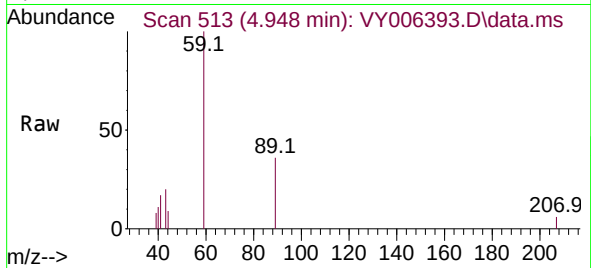




#11
Tert butyl alcohol
Concen: 28.087 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

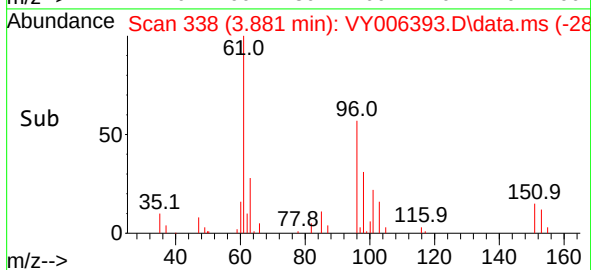
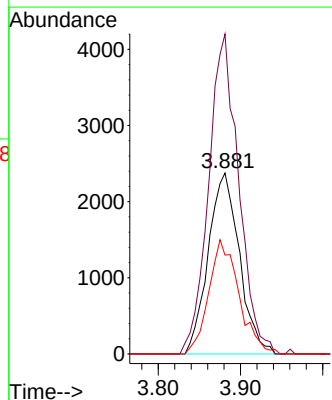
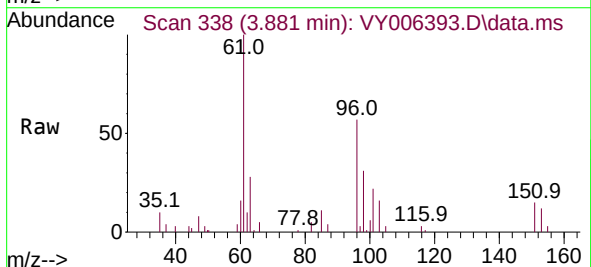
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

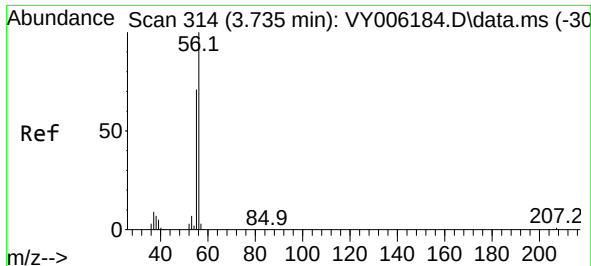
Tgt Ion: 59 Resp: 3486
Ion Ratio Lower Upper
59 100
57 2.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 5.047 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 96 Resp: 6266
Ion Ratio Lower Upper
96 100
61 176.9 145.8 218.6
98 54.7 52.5 78.7

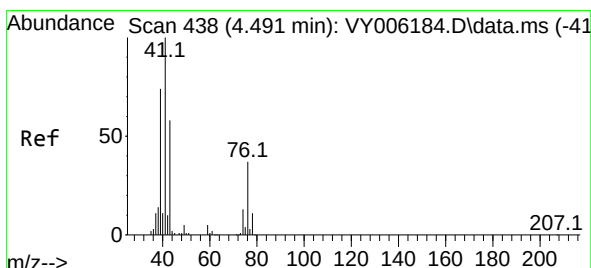
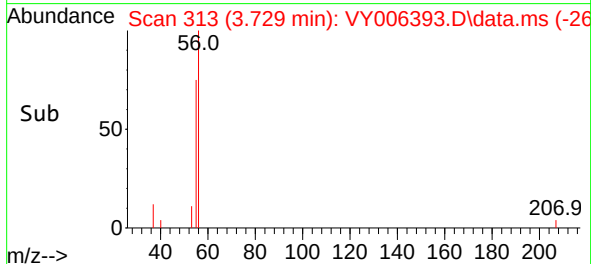
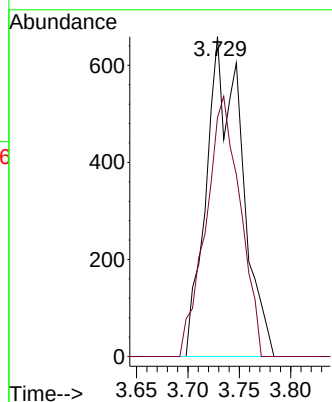
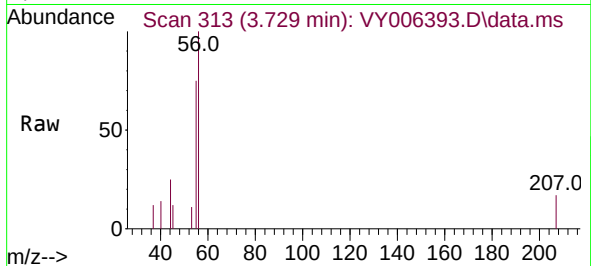




#13
Acrolein
Concen: 19.890 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

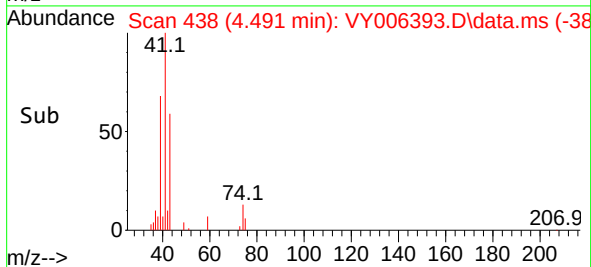
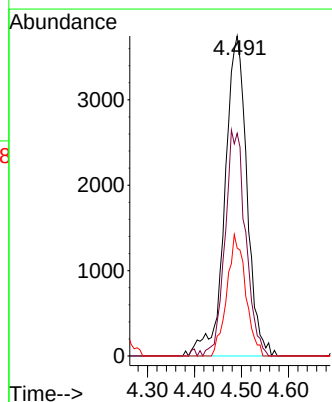
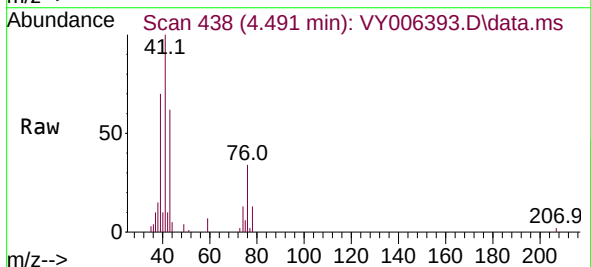
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

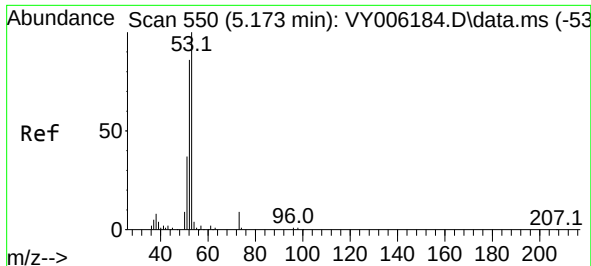
Tgt Ion: 56 Resp: 1572
Ion Ratio Lower Upper
56 100
55 79.2 57.6 86.4



#14
Allyl chloride
Concen: 5.130 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 41 Resp: 12250
Ion Ratio Lower Upper
41 100
39 65.8 58.8 88.2
76 32.1 25.1 37.7

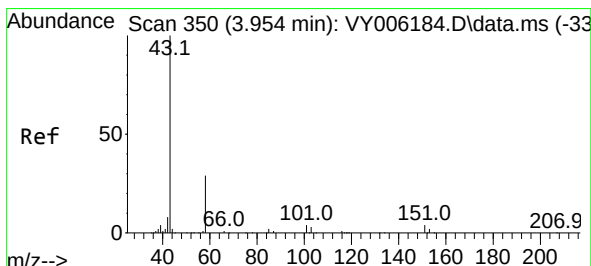
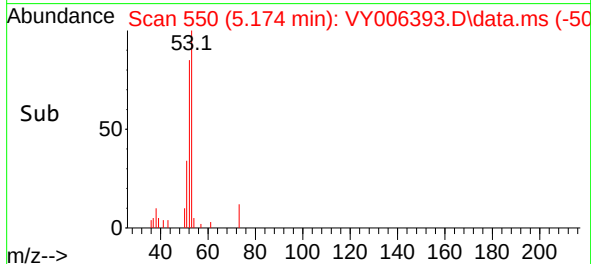
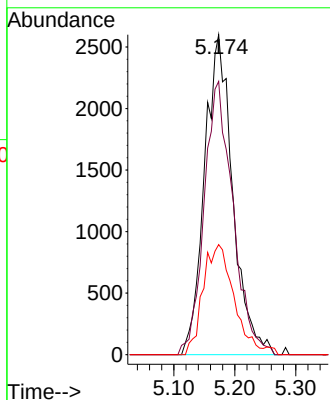
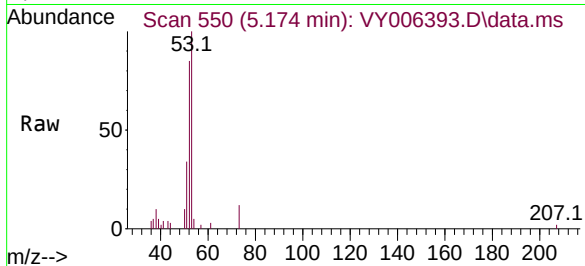




#15
Acrylonitrile
Concen: 21.008 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.001 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

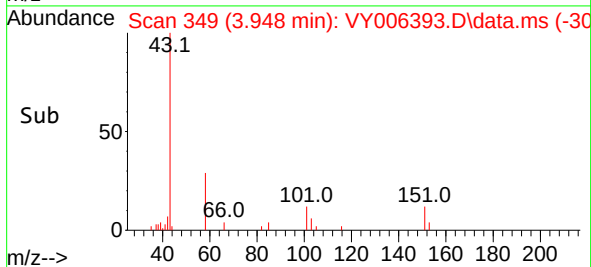
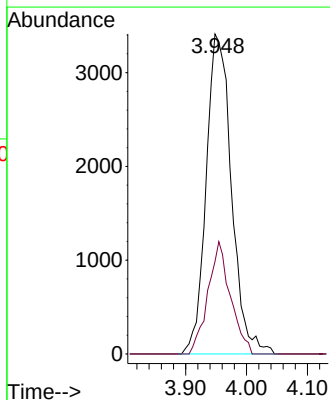
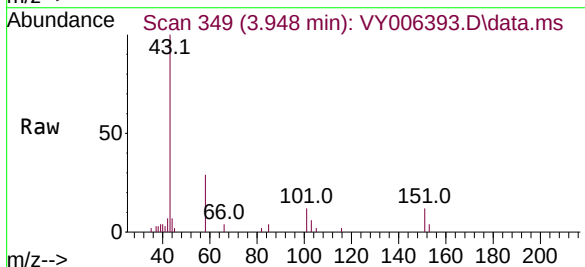
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

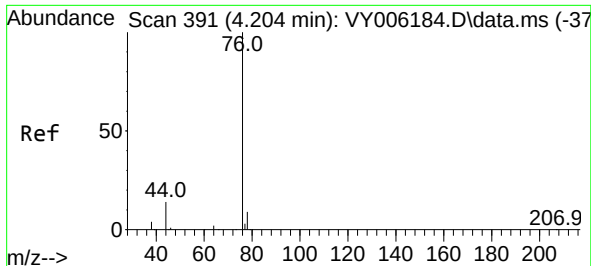
Tgt Ion: 53	Resp: 8344
Ion Ratio	Lower Upper
53	100
52	87.2 67.0 100.4
51	37.6 29.8 44.6



#16
Acetone
Concen: 24.884 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 43	Resp: 9861
Ion Ratio	Lower Upper
43	100
58	28.9 22.0 33.0

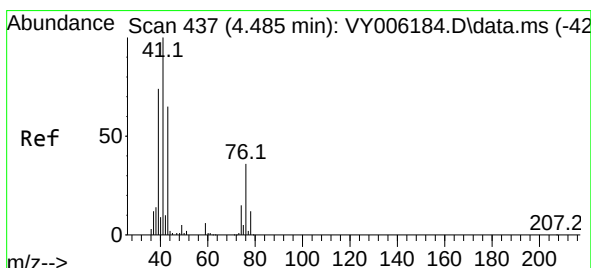
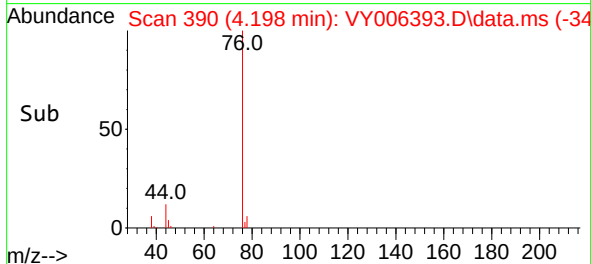
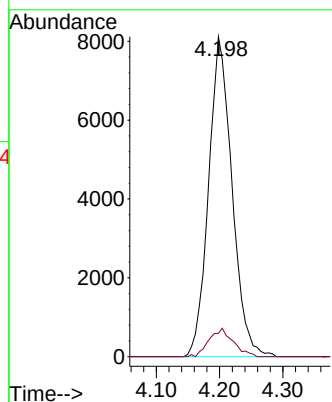
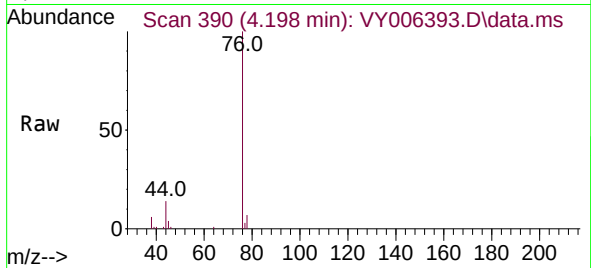




#17
Carbon Disulfide
Concen: 5.031 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

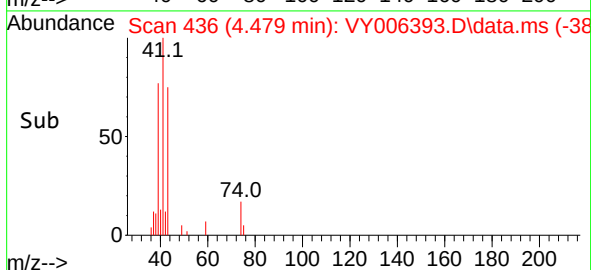
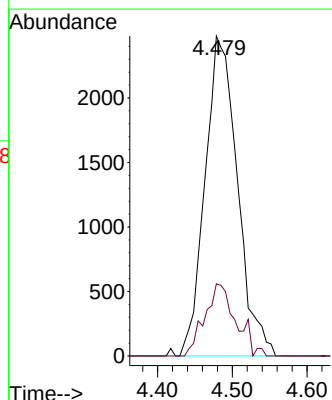
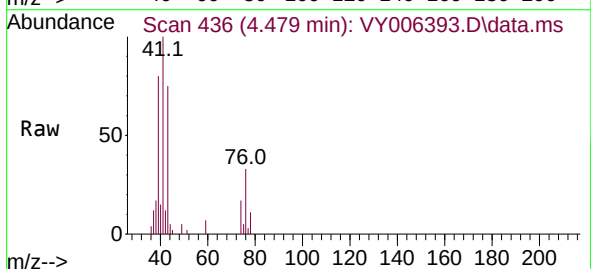
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

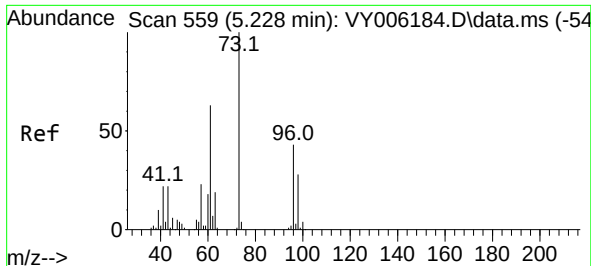
Tgt Ion: 76 Resp: 20891
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#



#18
Methyl Acetate
Concen: 5.593 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 43 Resp: 7474
Ion Ratio Lower Upper
43 100
74 21.6 16.6 24.8

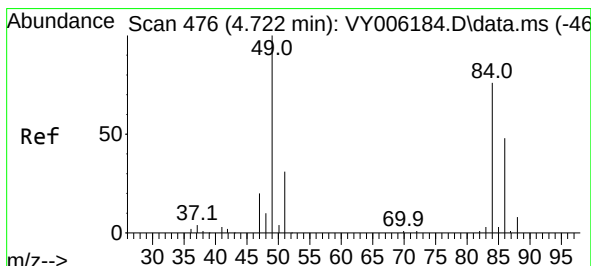
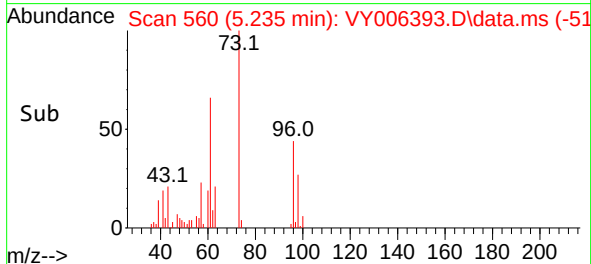
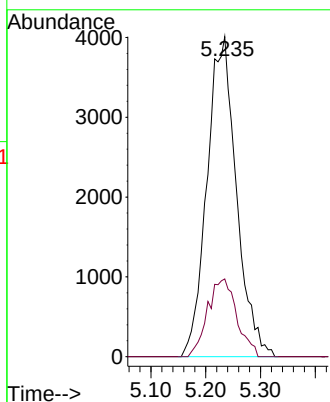
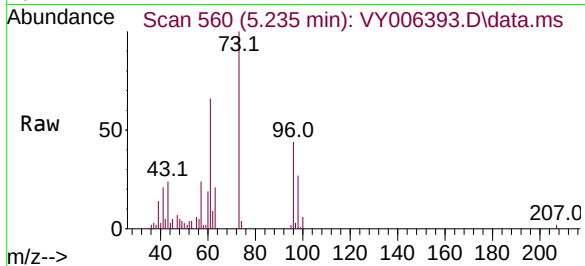




#19
Methyl tert-butyl Ether
Concen: 4.118 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

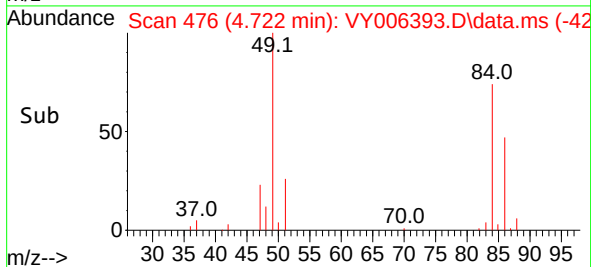
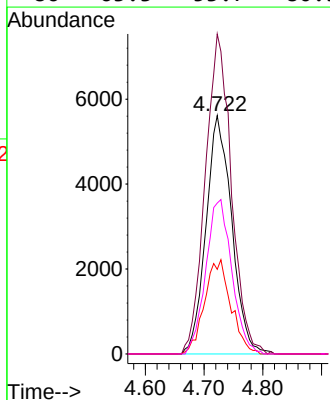
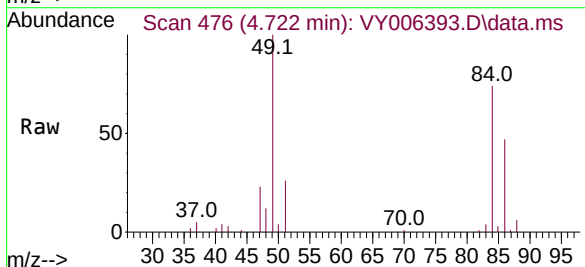
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

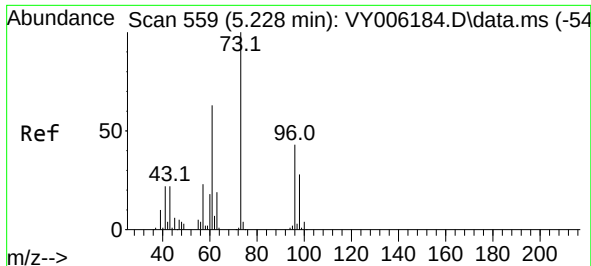
Tgt Ion: 73 Resp: 14930
Ion Ratio Lower Upper
73 100
57 24.3 18.6 27.8



#20
Methylene Chloride
Concen: 11.098 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 84 Resp: 17116
Ion Ratio Lower Upper
84 100
49 134.2 114.4 171.6
51 35.5 35.3 52.9
86 63.3 53.7 80.5

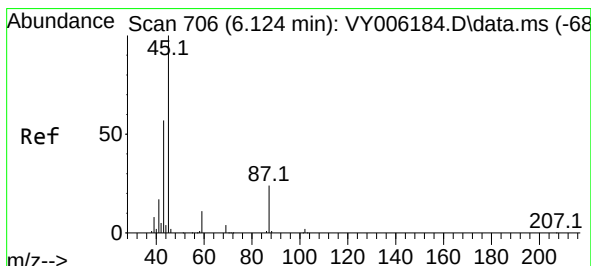
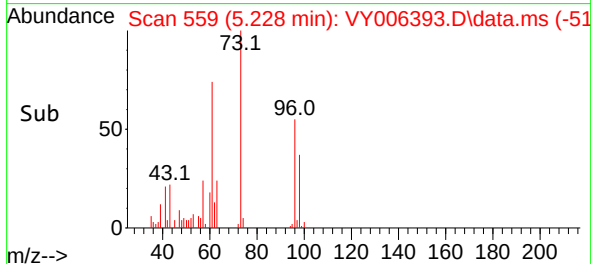
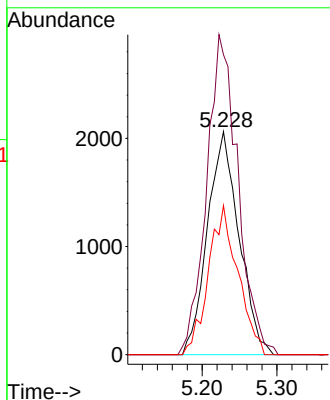
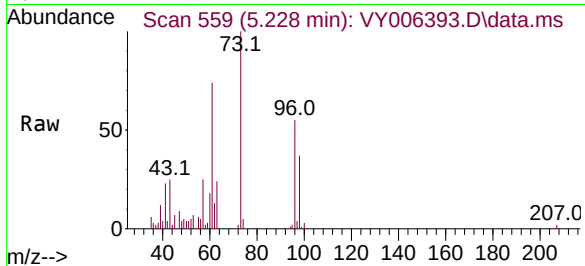




#21
trans-1,2-Dichloroethene
Concen: 4.408 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

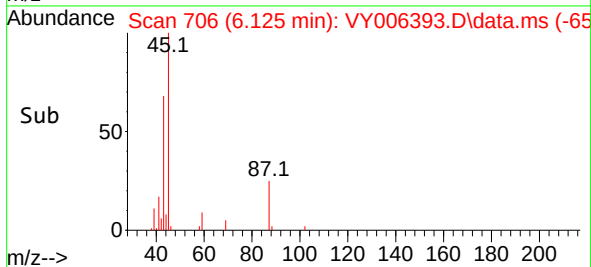
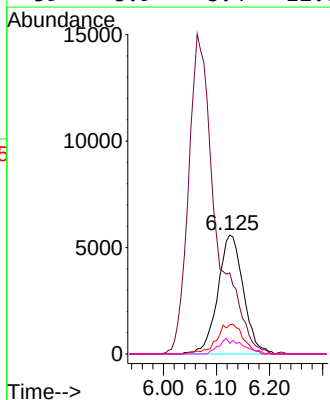
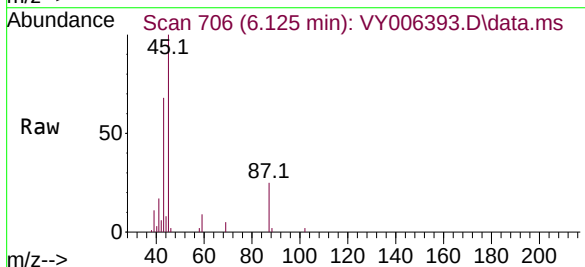
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

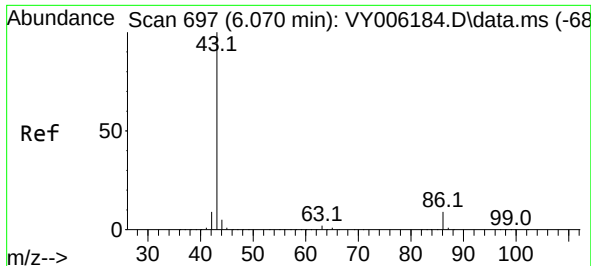
Tgt Ion: 96 Resp: 6067
Ion Ratio Lower Upper
96 100
61 134.5 120.5 180.7
98 66.8 49.8 74.8



#22
Diisopropyl ether
Concen: 3.955 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 45 Resp: 18683
Ion Ratio Lower Upper
45 100
43 67.3 49.3 73.9
87 24.6 19.2 28.8
59 8.9 8.4 12.6

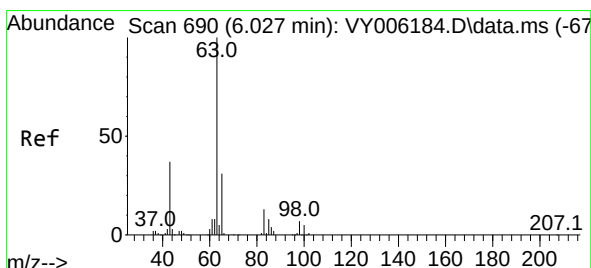
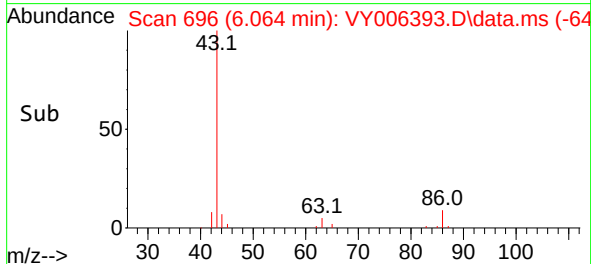
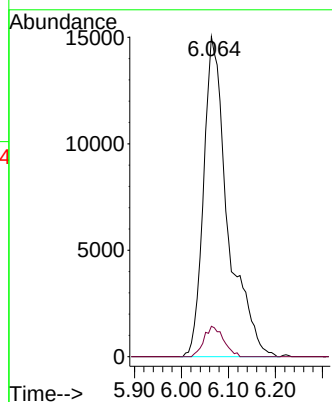
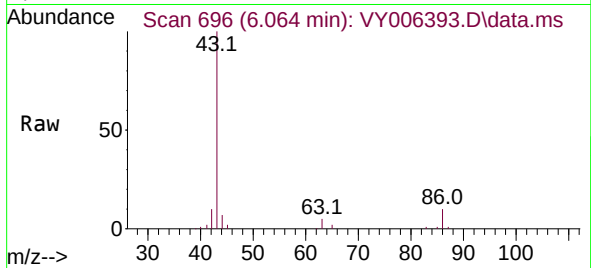




#23
 Vinyl Acetate
 Concen: 18.962 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY006393.D
 Acq: 14 Oct 2021 13:18

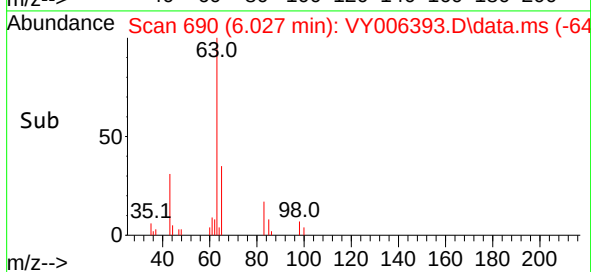
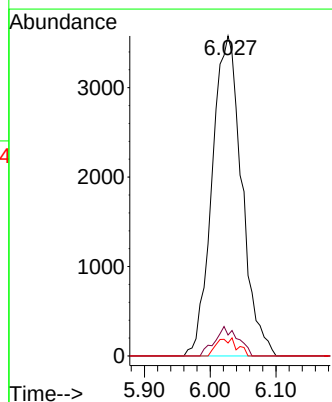
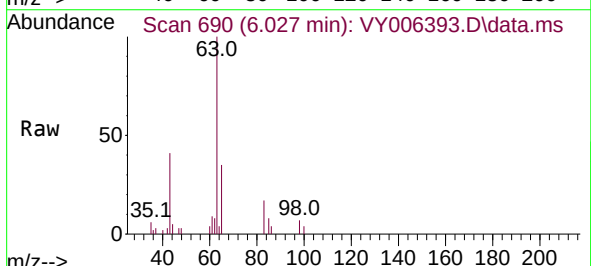
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

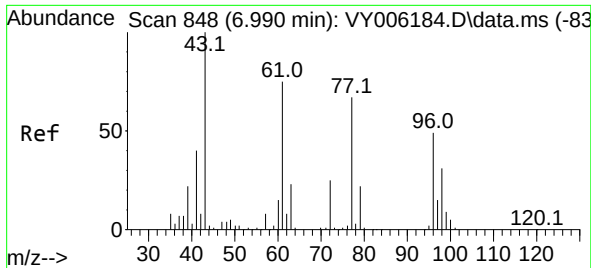
Tgt Ion: 43 Resp: 53688
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 4.434 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY006393.D
 Acq: 14 Oct 2021 13:18

Tgt Ion: 63 Resp: 11244
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.1 2.0 5.8

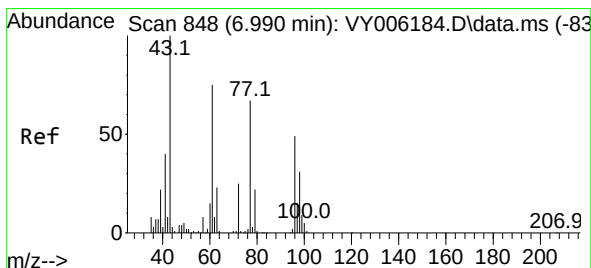
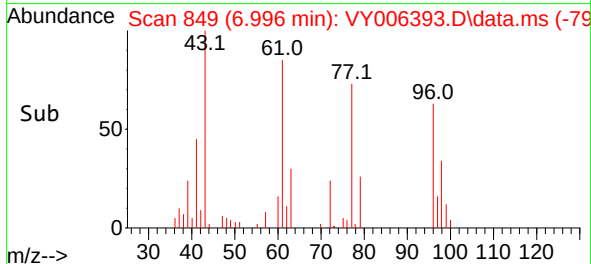
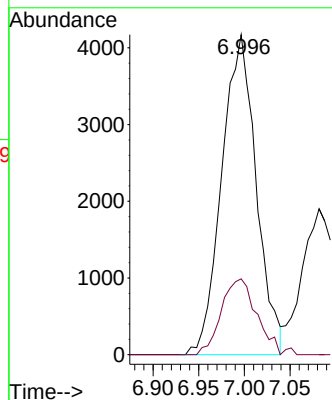
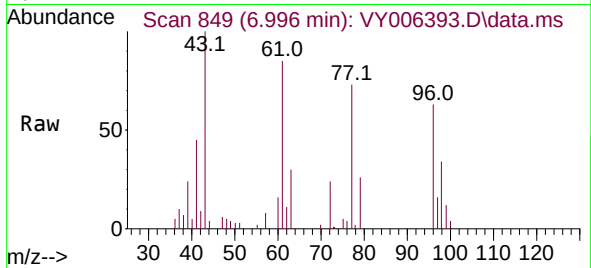




#25
2-Butanone
Concen: 19.826 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

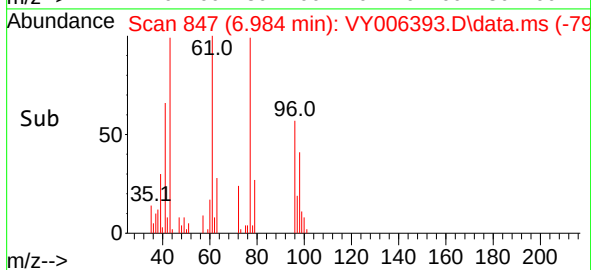
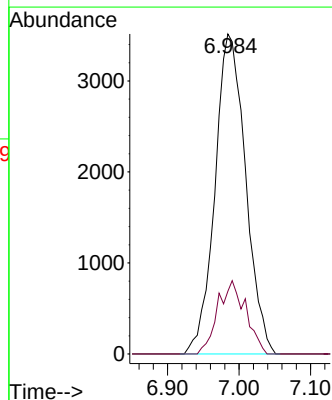
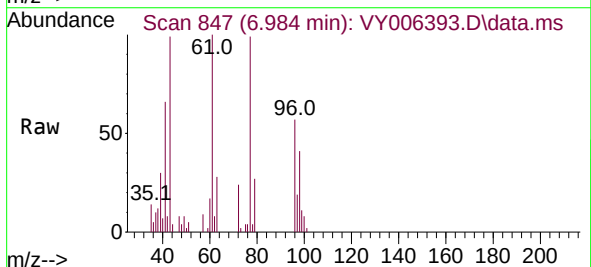
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

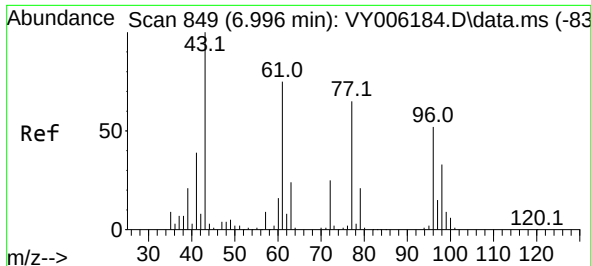
Tgt Ion: 43 Resp: 10944
Ion Ratio Lower Upper
43 100
72 23.7 17.7 26.5



#26
2,2-Dichloropropane
Concen: 4.515 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 77 Resp: 10471
Ion Ratio Lower Upper
77 100
97 21.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.437 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

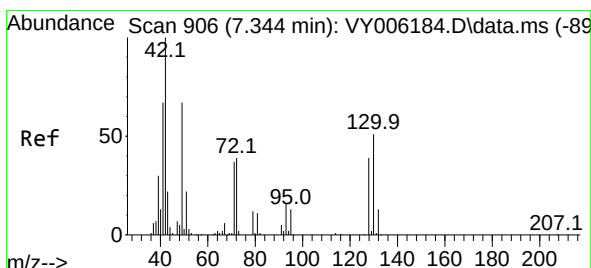
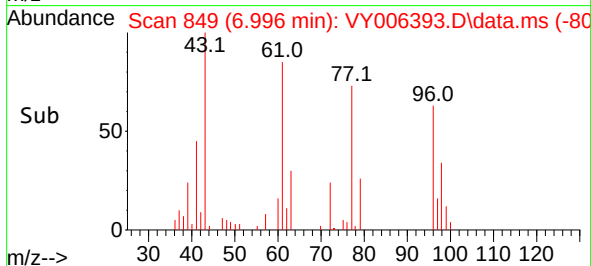
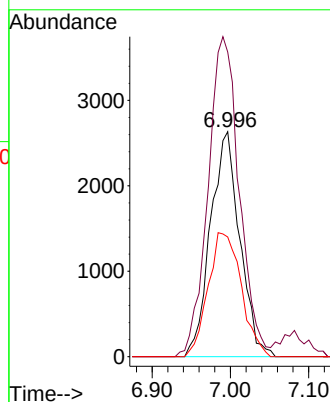
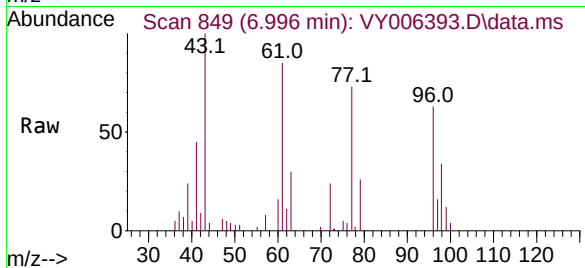
Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion: 96 Resp: 6840

Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	319.8
98	62.3	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



#28

Bromochloromethane

Concen: 4.500 ug/l

RT: 7.344 min Scan# 906

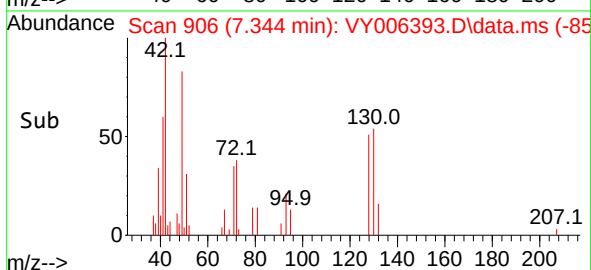
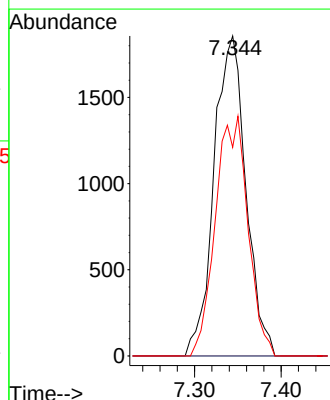
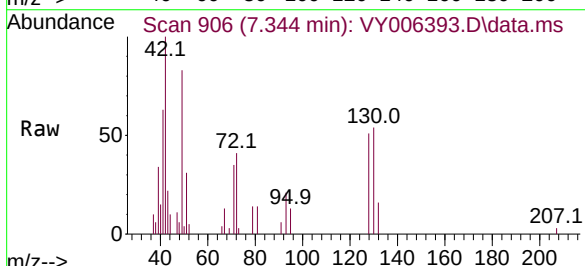
Delta R.T. 0.000 min

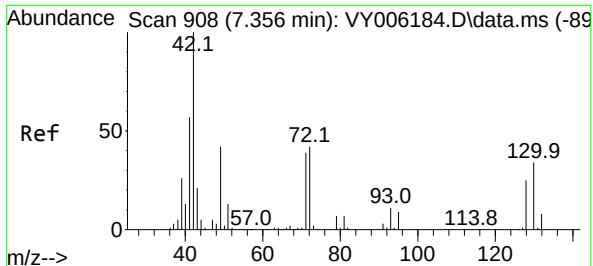
Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion: 49 Resp: 4751

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	76.1	55.4	83.0





#29

Tetrahydrofuran

Concen: 20.572 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion: 42 Resp: 7173

Ion Ratio Lower Upper

42 100

72 38.9 30.3 45.5

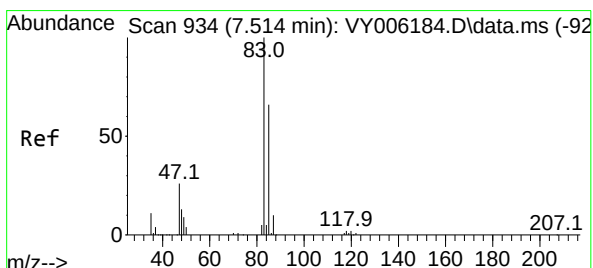
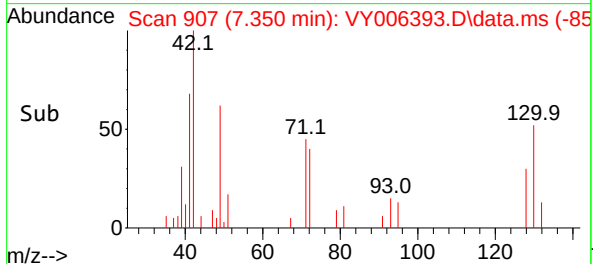
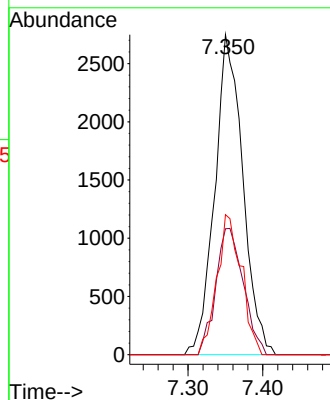
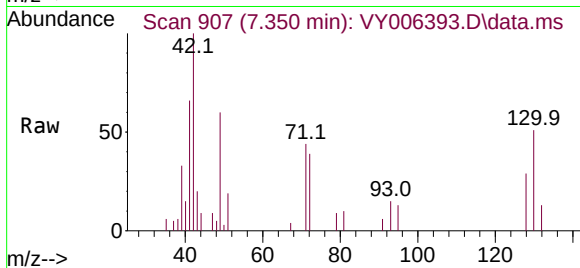
71 38.2 29.0 43.4

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#30

Chloroform

Concen: 4.581 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY006393.D

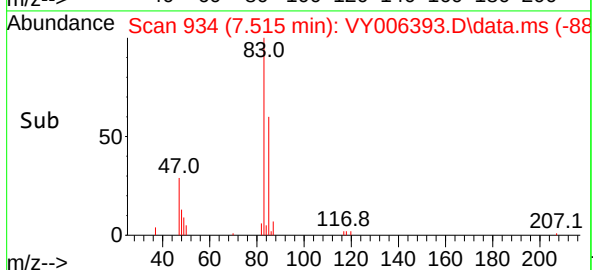
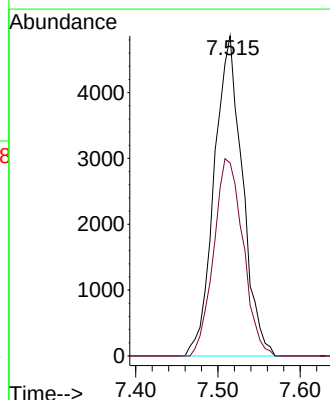
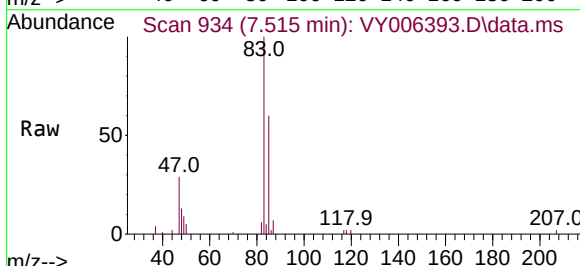
Acq: 14 Oct 2021 13:18

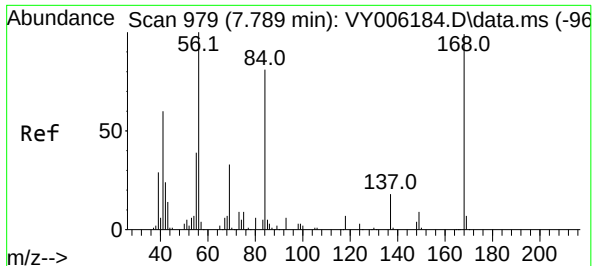
Tgt Ion: 83 Resp: 11588

Ion Ratio Lower Upper

83 100

85 60.3 51.8 77.6

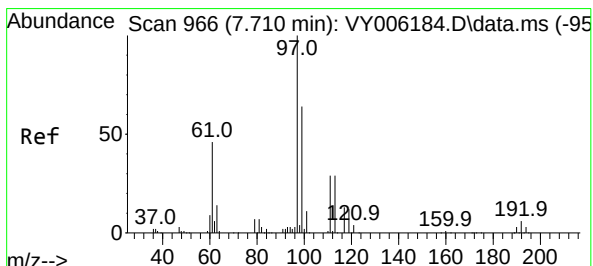
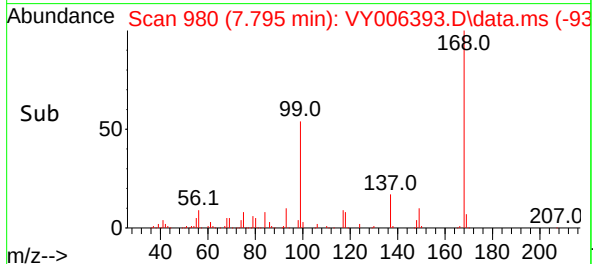
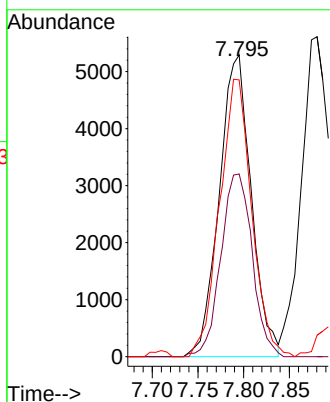
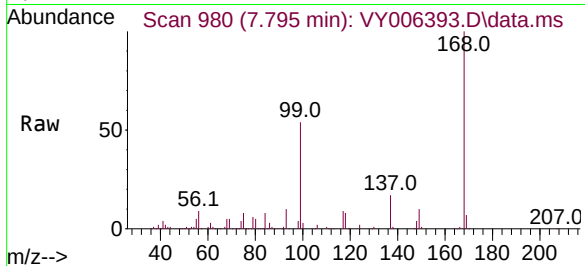




#31
Cyclohexane
Concen: 4.803 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

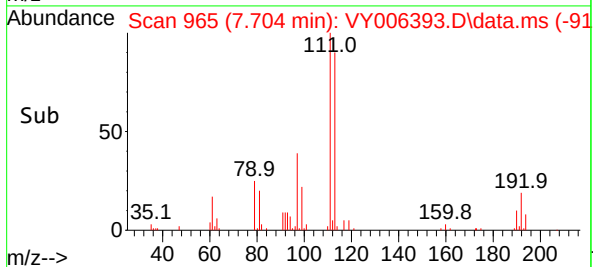
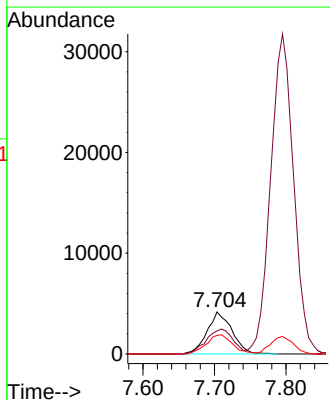
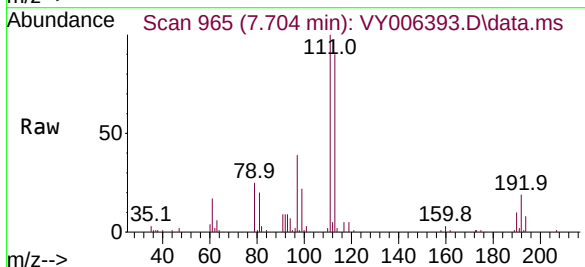
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

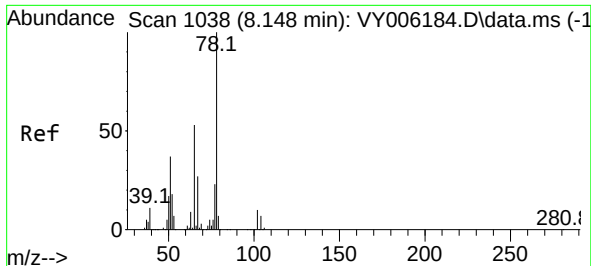
Tgt Ion: 56 Resp: 12910
Ion Ratio Lower Upper
56 100
69 60.6 26.7 40.1#
84 91.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 4.301 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 97 Resp: 10046
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 47.9 37.6 56.4

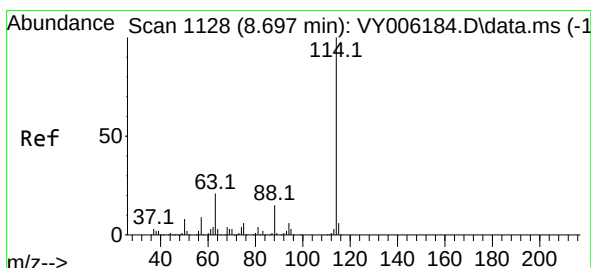
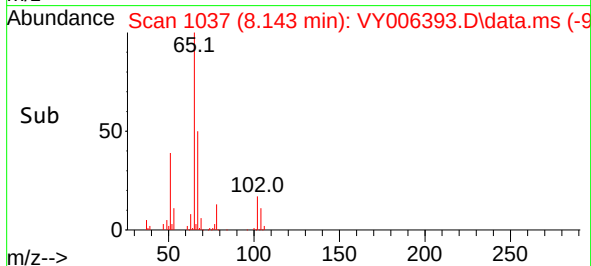
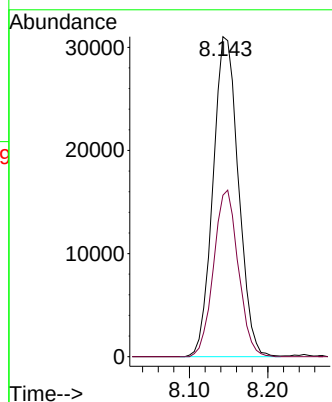
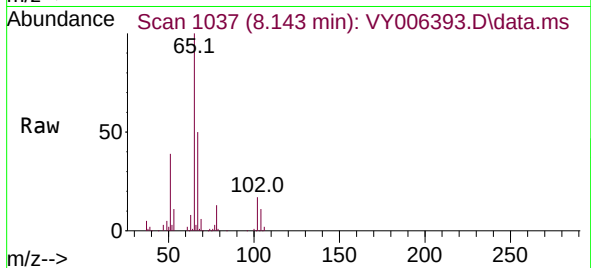




#33
1,2-Dichloroethane-d4
Concen: 49.317 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

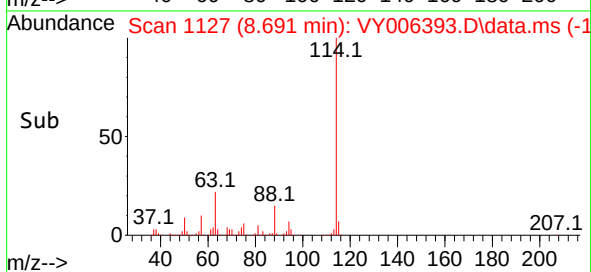
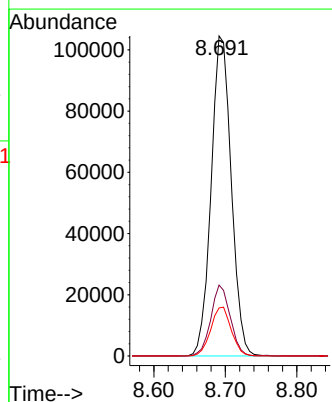
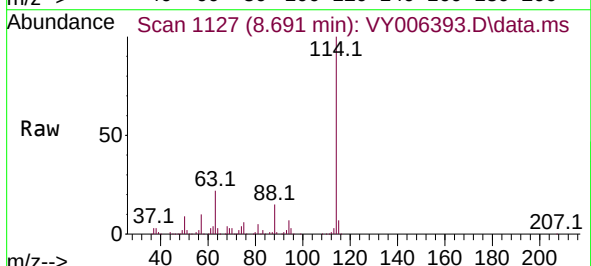
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

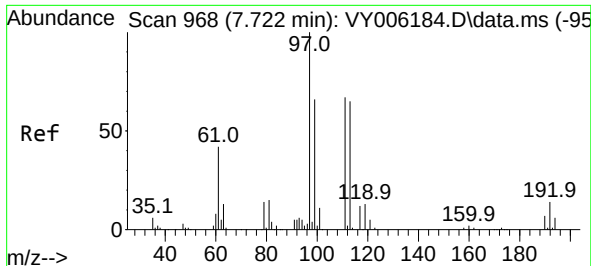
Tgt Ion: 65 Resp: 69973
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 114 Resp: 203990
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 15.0 0.0 31.8

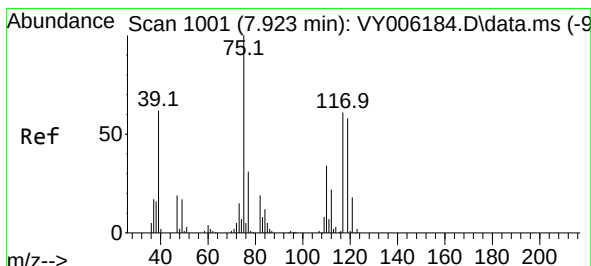
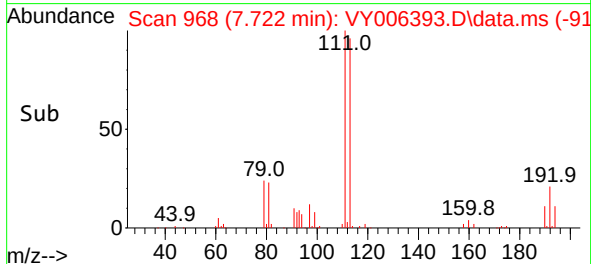
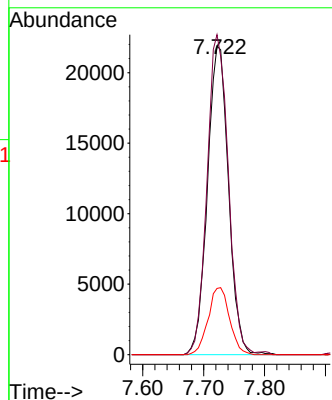
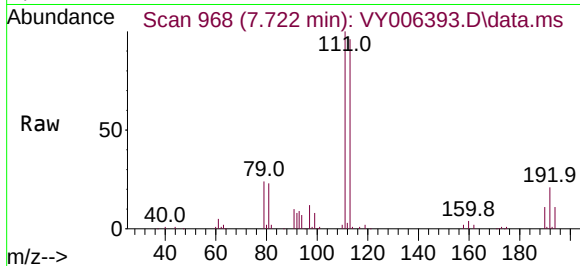




#35
Dibromofluoromethane
Concen: 48.298 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

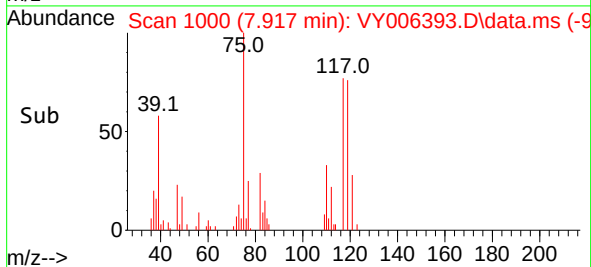
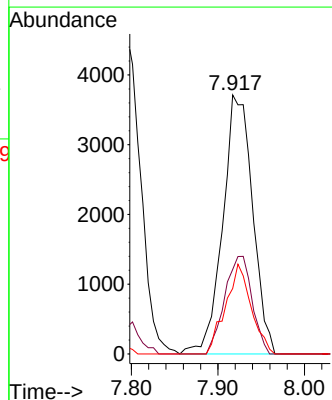
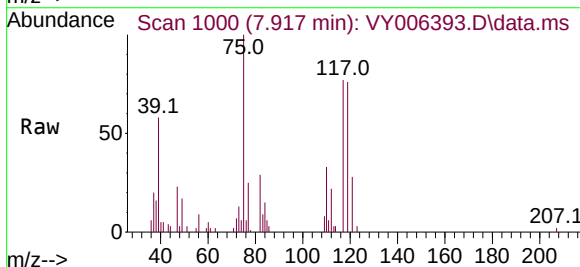
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

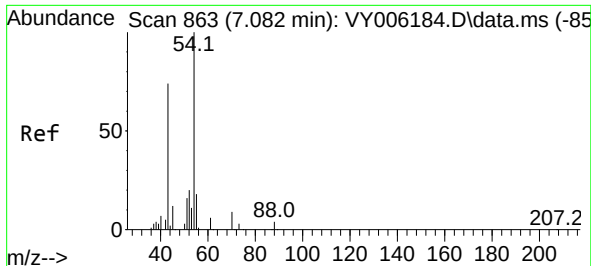
Tgt Ion:	113	Resp:	52637
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	22.1	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:	75	Resp:	8889
Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.1	51.2
77	29.6	24.4	36.6





#37

Ethyl Acetate

Concen: 3.865 ug/l

RT: 7.082 min Scan# 863

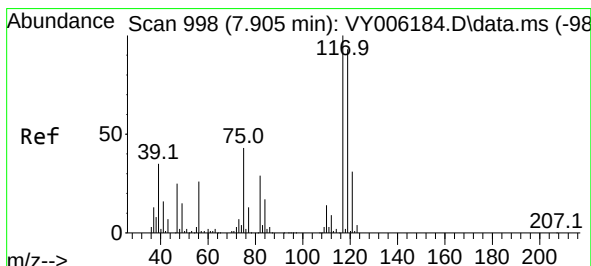
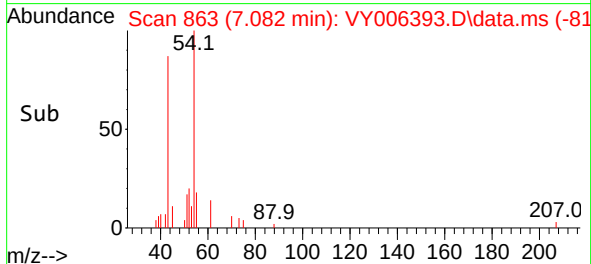
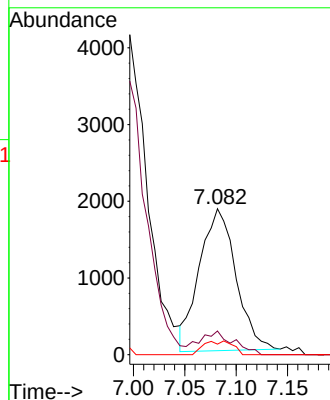
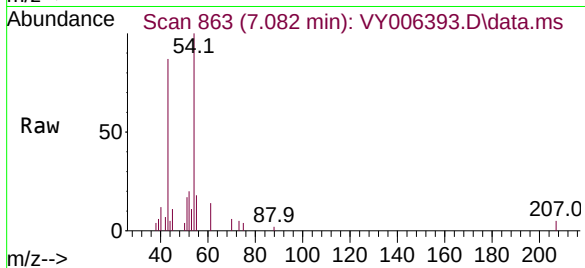
Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion:	43	Resp:	4570
Ion	Ratio	Lower	Upper
43	100		
61	15.3	9.7	14.5#
70	7.7	7.1	10.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



#38

Carbon Tetrachloride

Concen: 4.553 ug/l

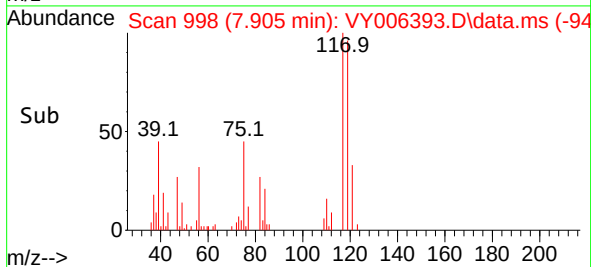
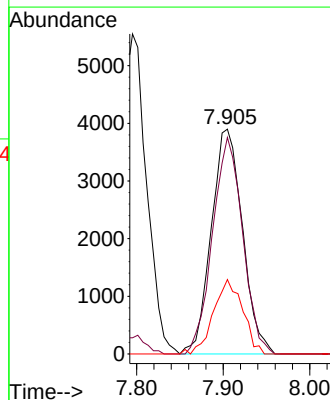
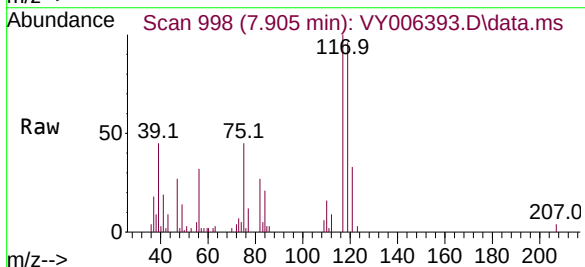
RT: 7.905 min Scan# 998

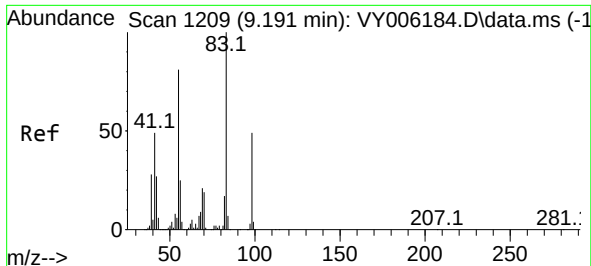
Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion:	117	Resp:	9757
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.9	116.9
121	33.1	24.8	37.2





#39

Methylcyclohexane

Concen: 4.094 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion: 83 Resp: 10438

Ion Ratio Lower Upper

83 100

55 78.1 66.5 99.7

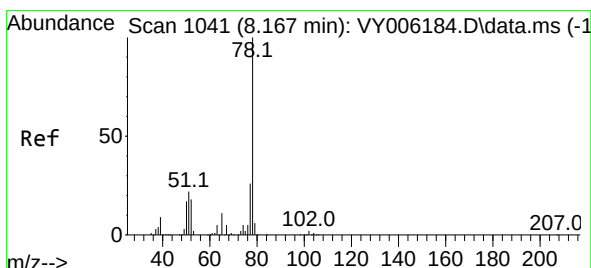
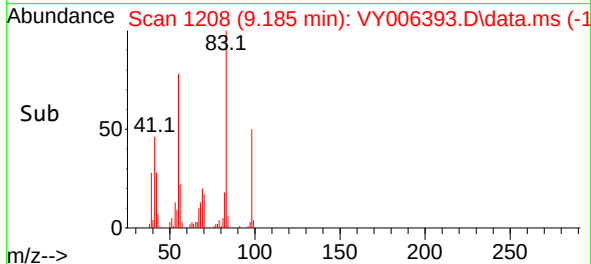
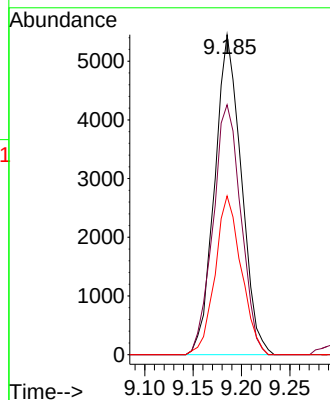
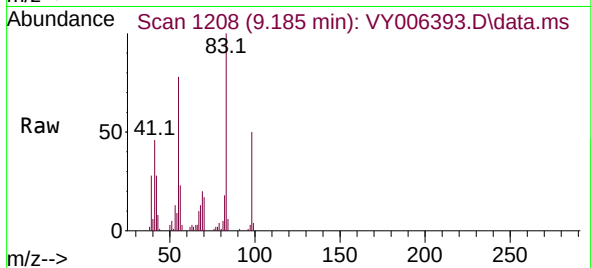
98 49.6 37.9 56.9

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#40

Benzene

Concen: 4.467 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY006393.D

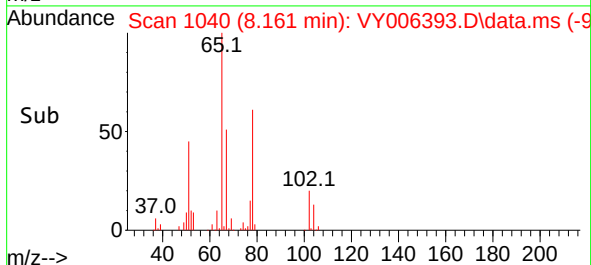
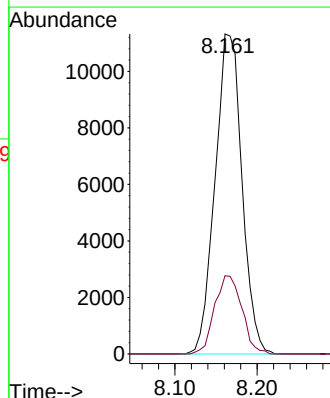
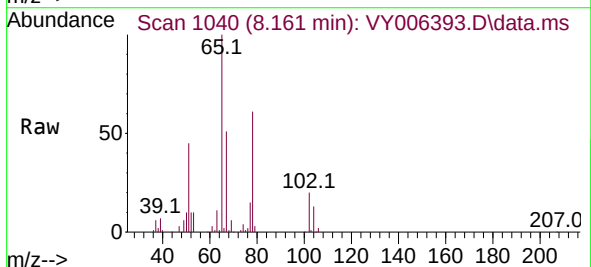
Acq: 14 Oct 2021 13:18

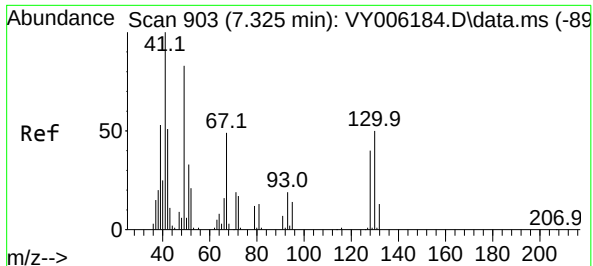
Tgt Ion: 78 Resp: 25719

Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6

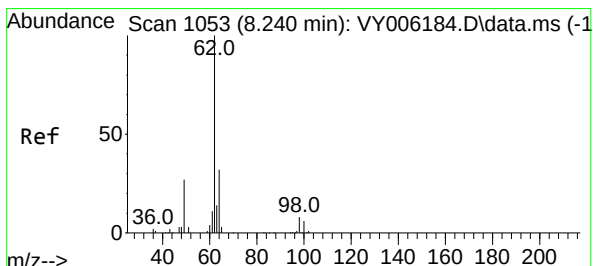
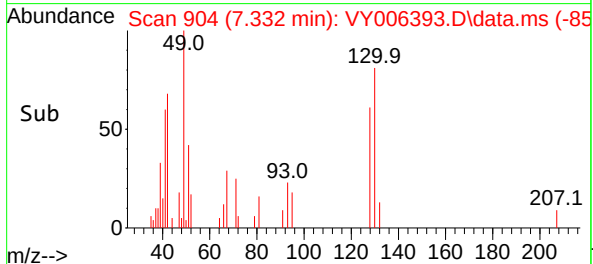
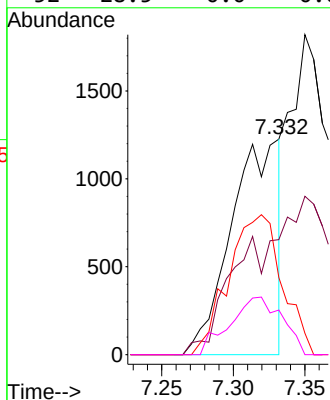
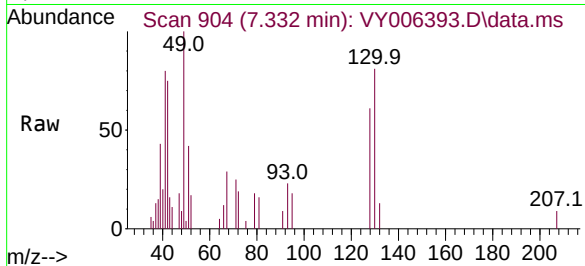




#41
Methacrylonitrile
Concen: 3.786 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

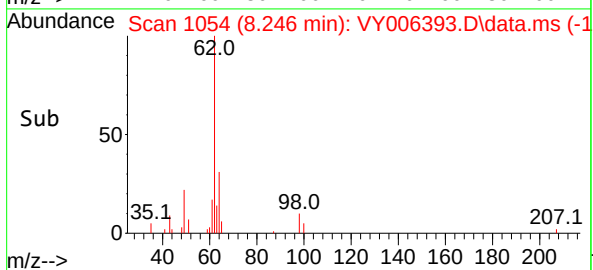
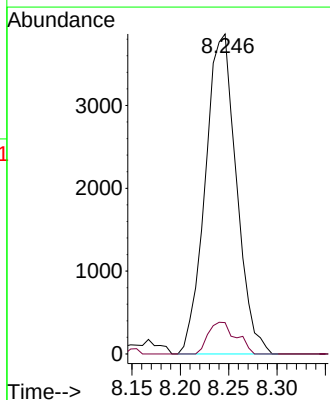
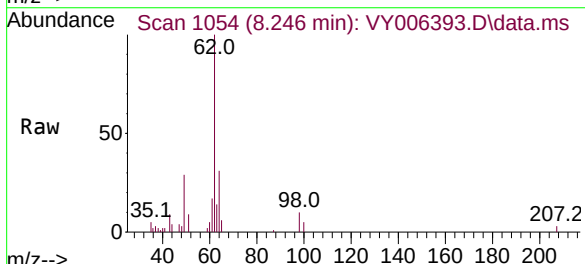
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

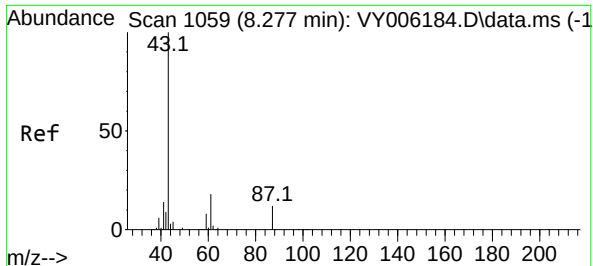
Tgt Ion:	41	Resp:	2904
Ion Ratio	Lower	Upper	
41	100		
39	39.5	92.9	139.3#
67	71.2	0.0	0.0#
52	28.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 4.661 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:	62	Resp:	8647
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	14.8

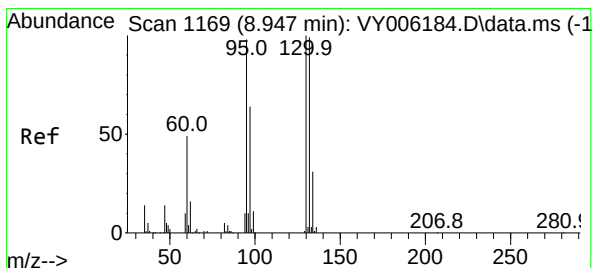
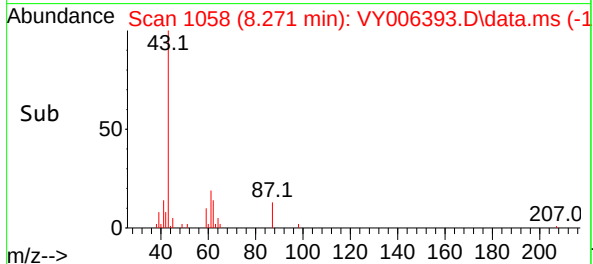
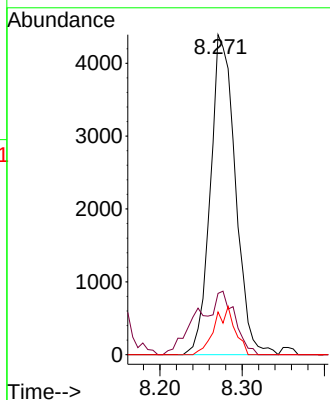
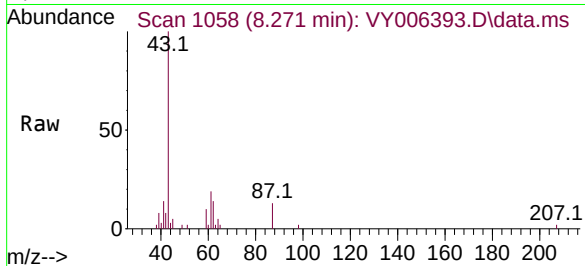




#43
Isopropyl Acetate
Concen: 4.084 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

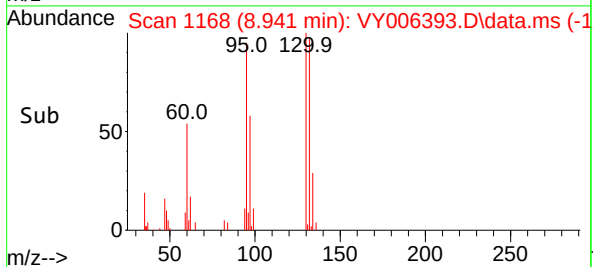
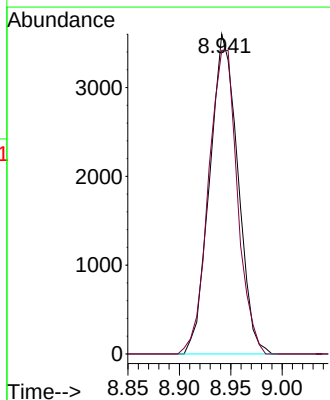
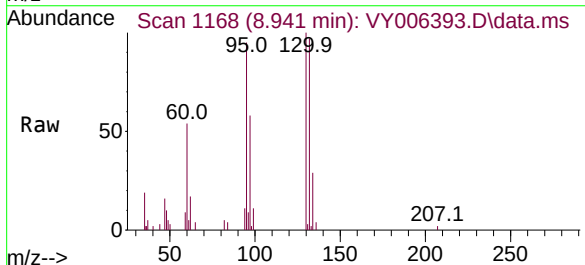
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

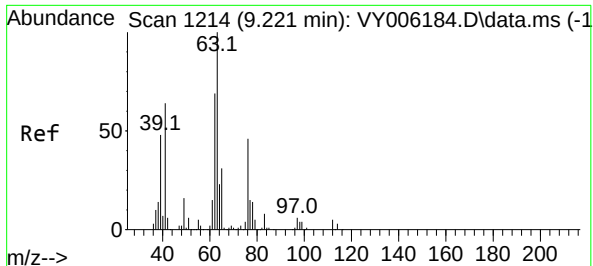
Tgt Ion: 43 Resp: 9261
Ion Ratio Lower Upper
43 100
61 17.0 20.2 30.2#
87 12.3 8.9 13.3



#44
Trichloroethene
Concen: 4.624 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 130 Resp: 6877
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.446 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion: 63 Resp: 6302

Ion Ratio Lower Upper

63 100

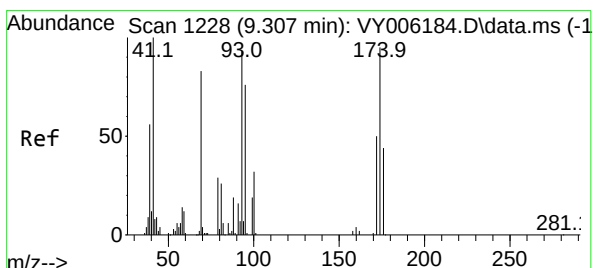
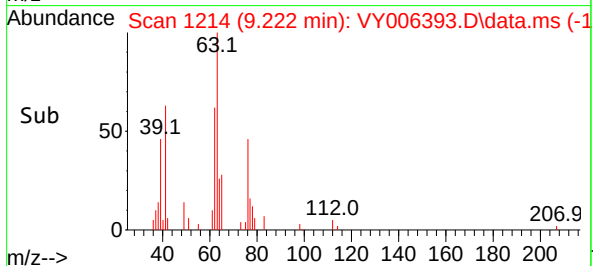
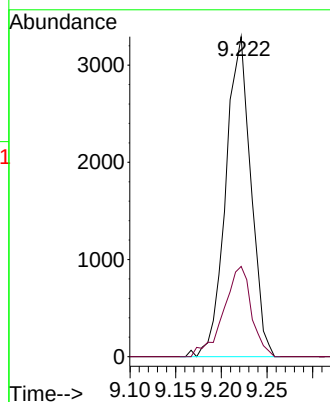
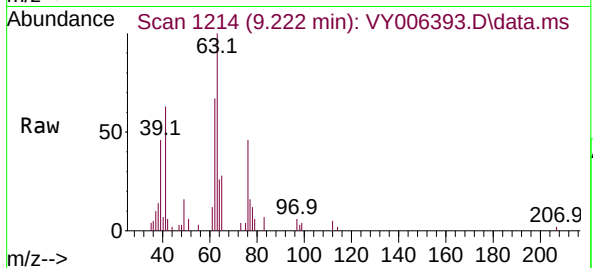
65 28.2 23.0 34.6

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#46

Dibromomethane

Concen: 4.507 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

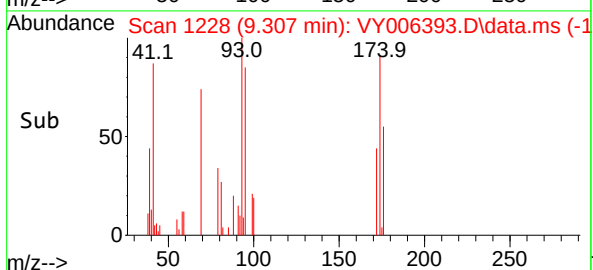
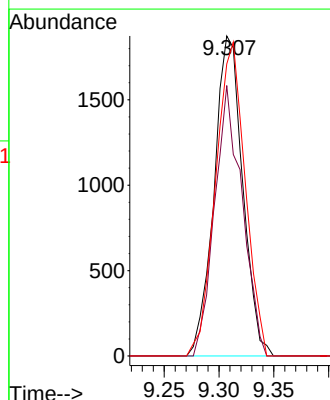
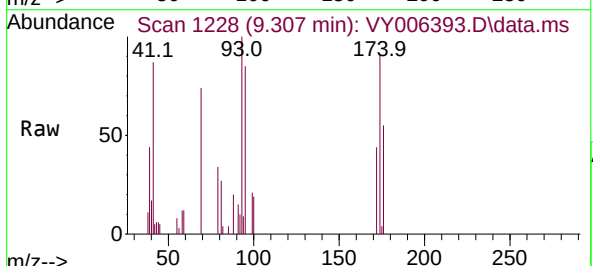
Tgt Ion: 93 Resp: 3402

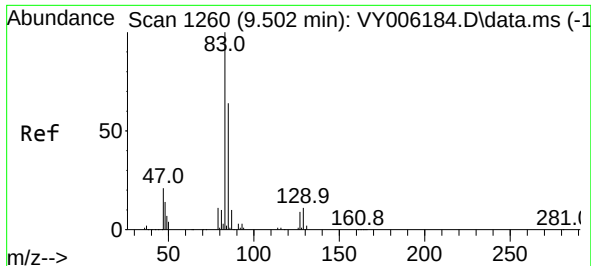
Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

174 101.4 83.4 125.0

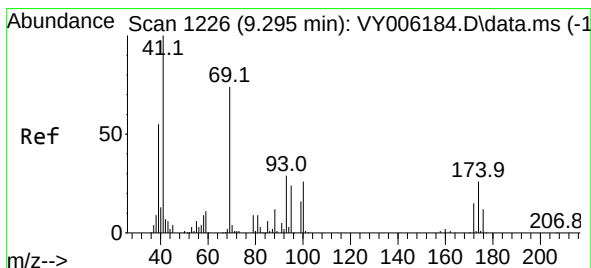
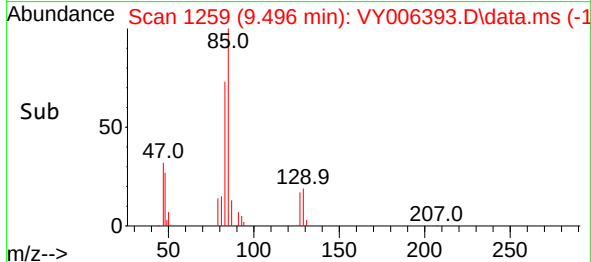
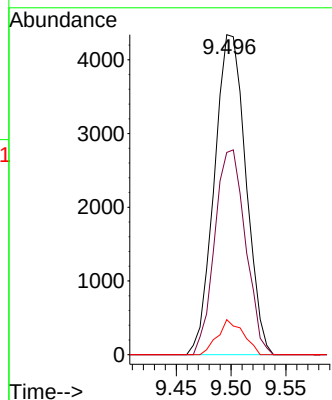
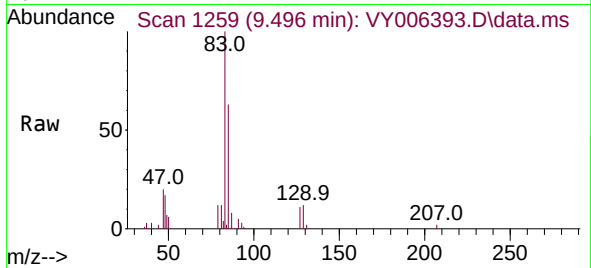




#47
Bromodichloromethane
Concen: 4.467 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

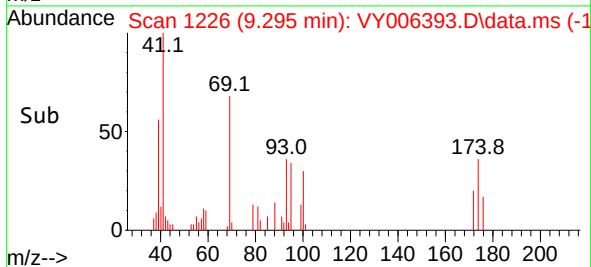
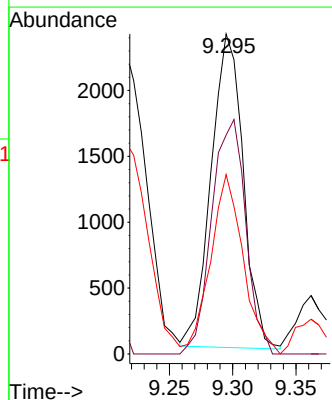
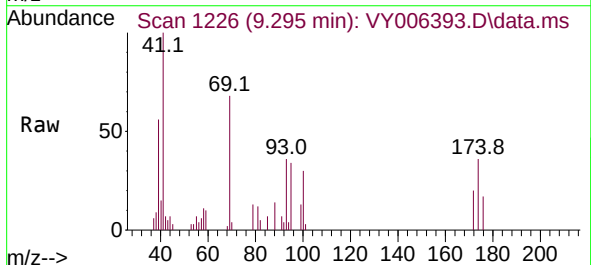
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

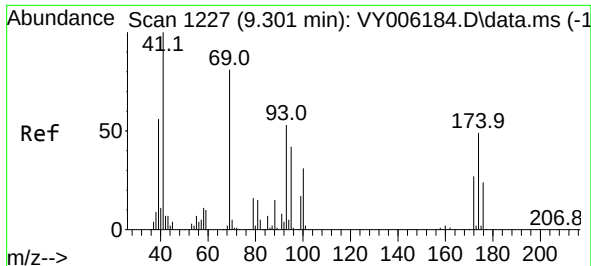
Tgt Ion: 83 Resp: 8682
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 11.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 3.856 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

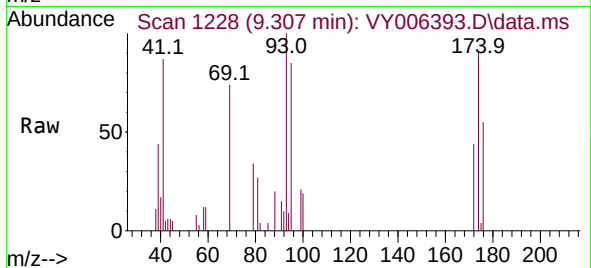
Tgt Ion: 41 Resp: 4195
Ion Ratio Lower Upper
41 100
69 79.3 58.2 87.2
39 58.5 47.4 71.0



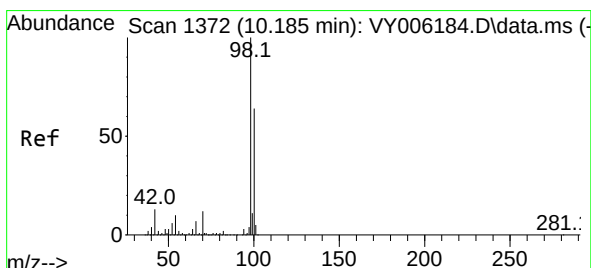
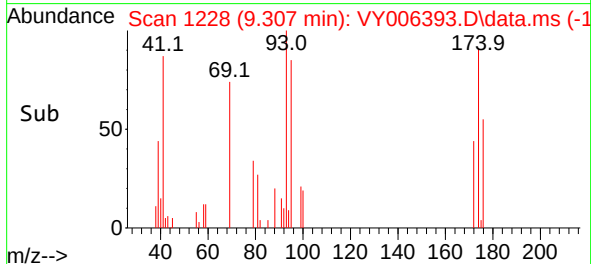
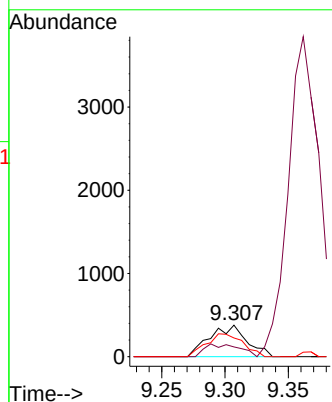


#49
1,4-Dioxane
Concen: 78.594 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

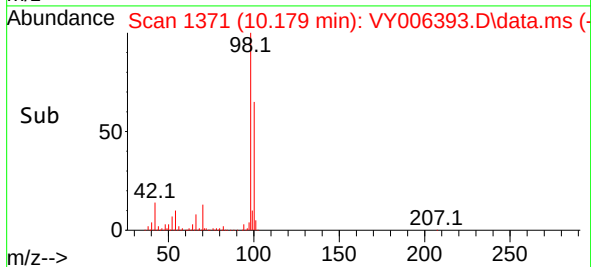
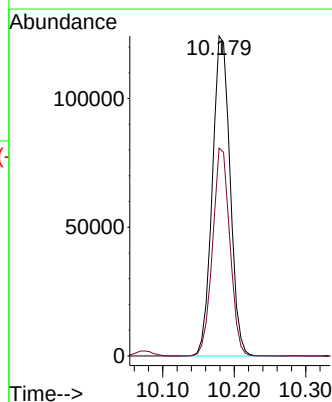
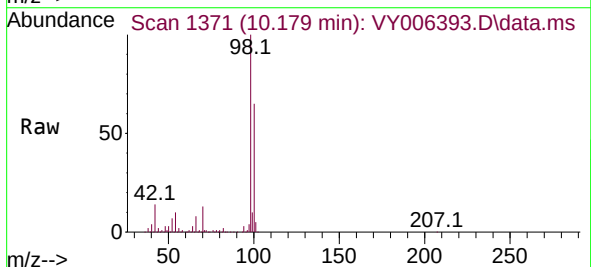


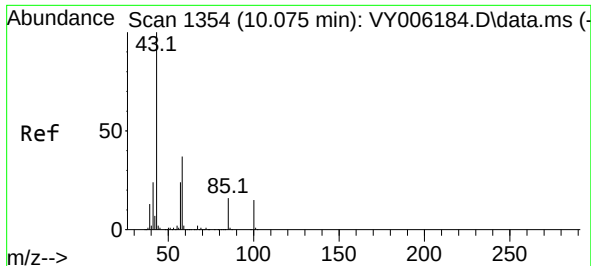
Tgt Ion: 88 Resp: 774
Ion Ratio Lower Upper
88 100
43 37.3 32.8 49.2
58 71.6 59.8 89.6



#50
Toluene-d8
Concen: 46.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 98 Resp: 213874
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

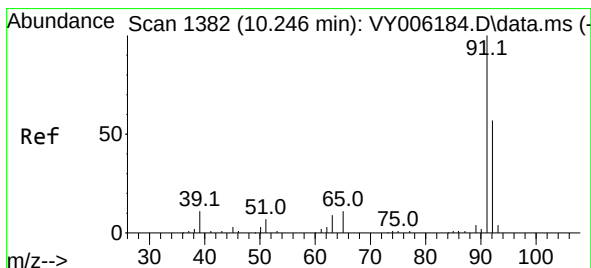
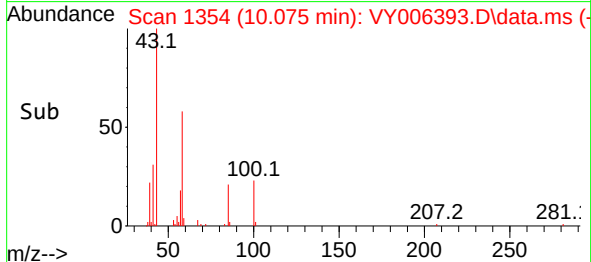
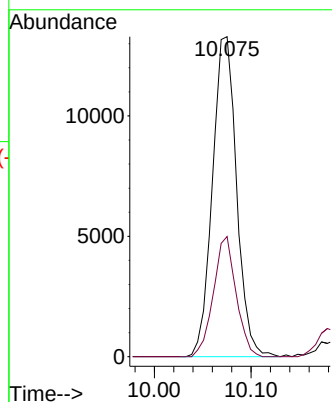
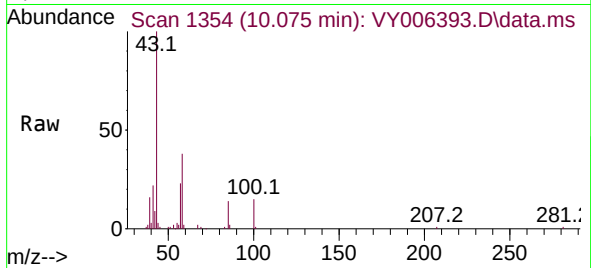




#51
4-Methyl-2-Pentanone
Concen: 19.561 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

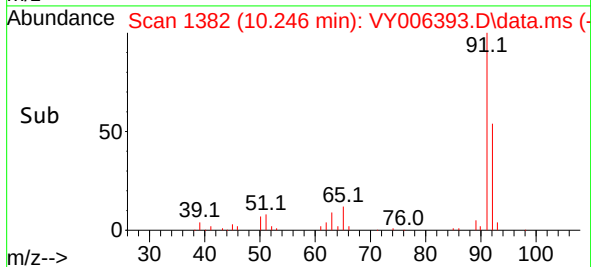
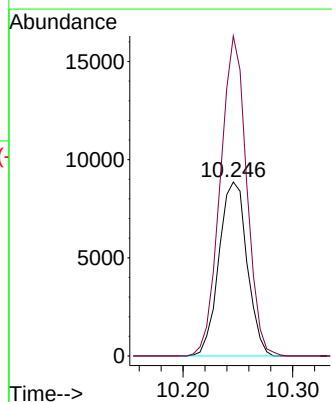
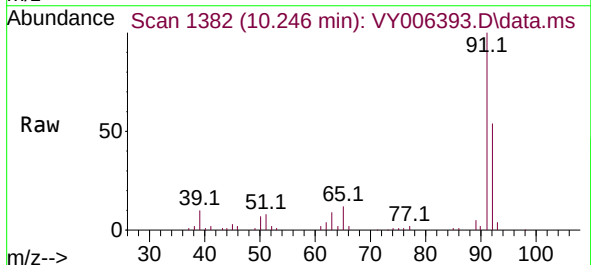
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

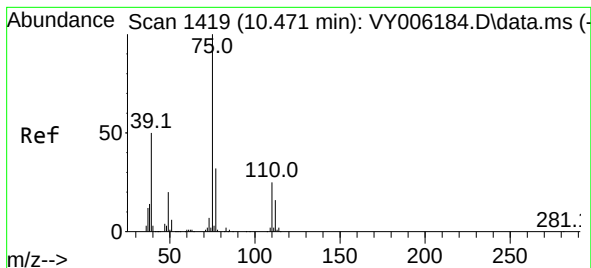
Tgt Ion: 43 Resp: 23033
Ion Ratio Lower Upper
43 100
58 35.2 28.1 42.1



#52
Toluene
Concen: 4.414 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 92 Resp: 15766
Ion Ratio Lower Upper
92 100
91 172.7 142.6 213.8

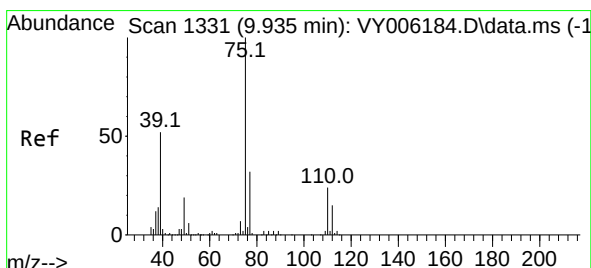
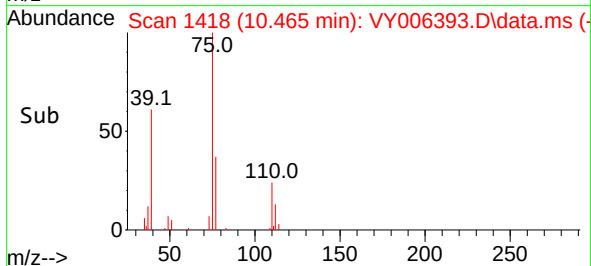
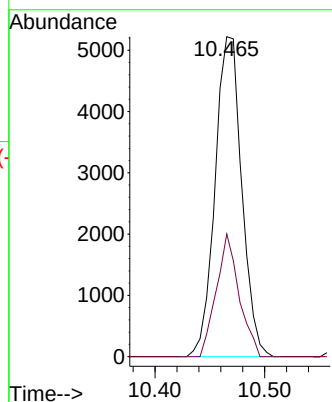
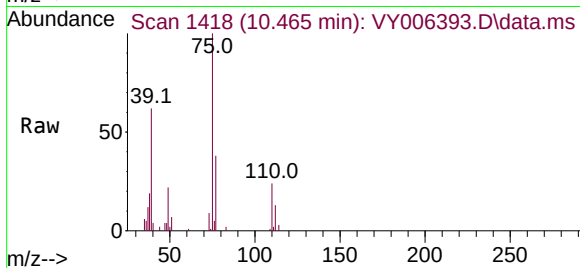




#53
t-1,3-Dichloropropene
Concen: 4.168 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

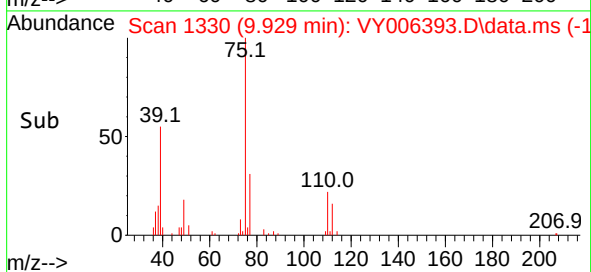
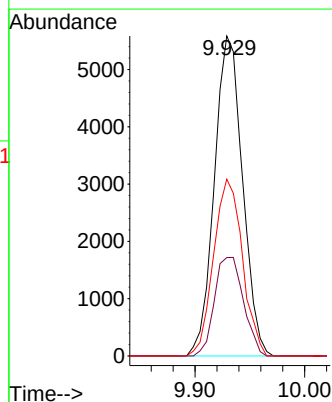
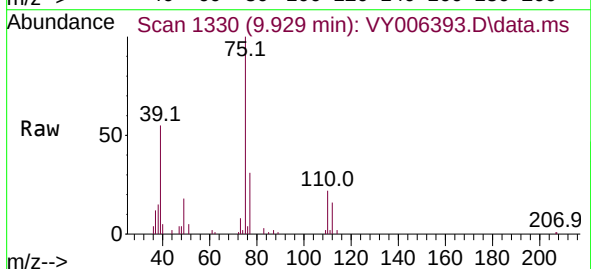
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

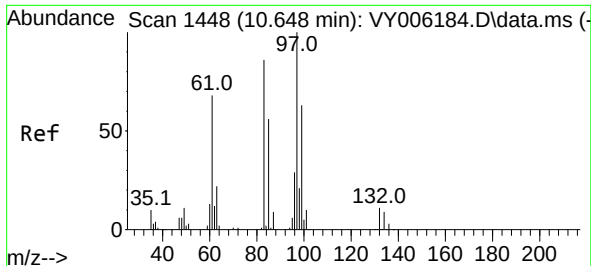
Tgt Ion: 75 Resp: 8832
Ion Ratio Lower Upper
75 100
77 38.4 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 4.275 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 75 Resp: 9960
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 55.3 47.6 71.4

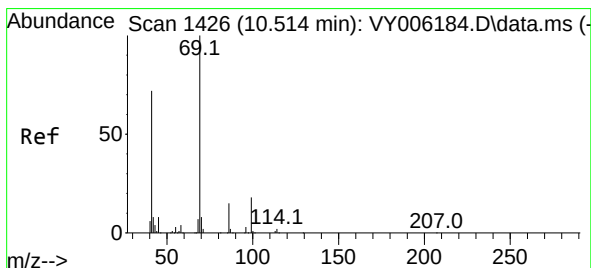
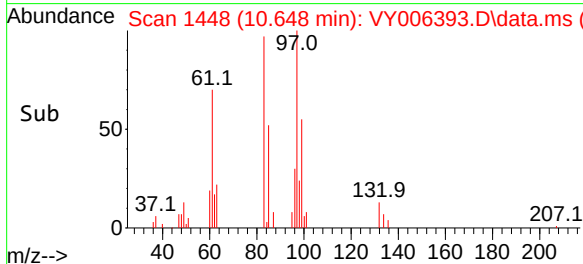
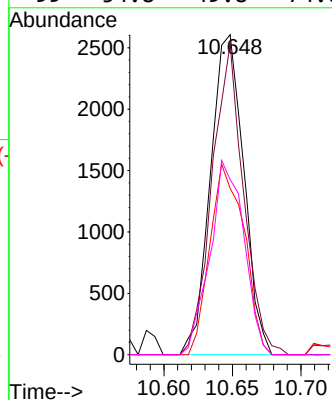
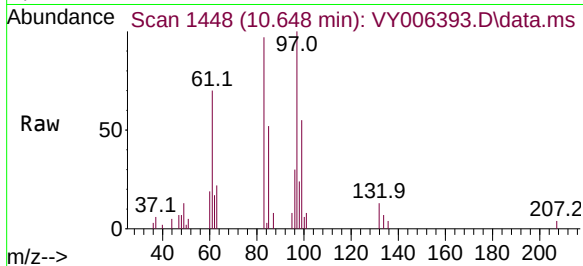




#55
1,1,2-Trichloroethane
Concen: 4.154 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

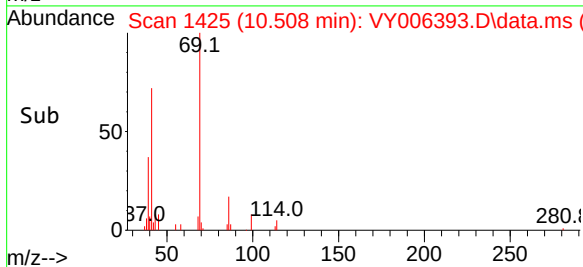
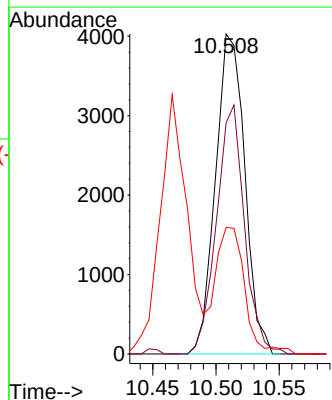
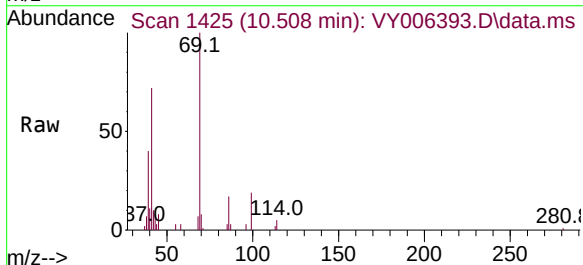
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

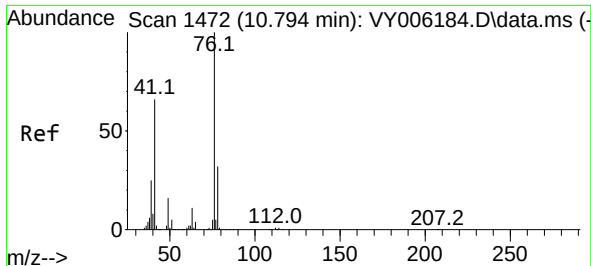
Tgt Ion: 97	Resp: 4412
Ion Ratio	Lower Upper
97 100	
83 97.2	69.8 104.8
85 52.0	44.3 66.5
99 54.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.015 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 69	Resp: 6481
Ion Ratio	Lower Upper
69 100	
41 74.4	63.4 95.0
39 39.9	35.8 53.8

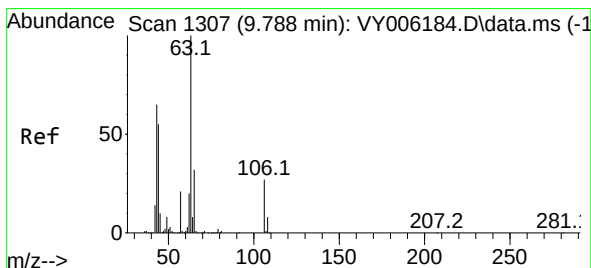
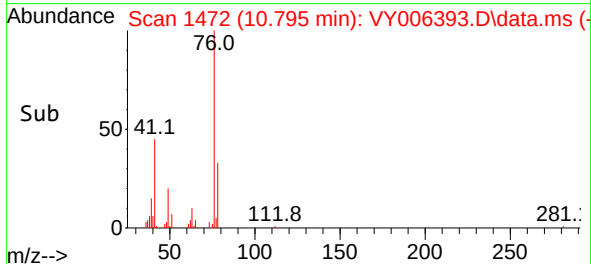
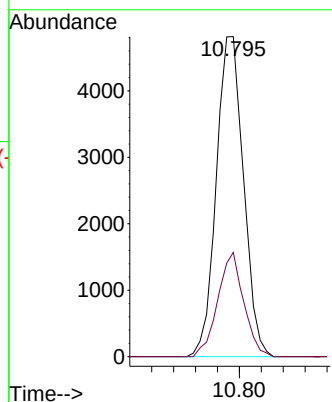
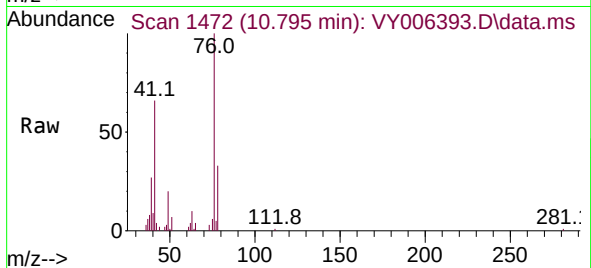




#57
1,3-Dichloropropane
Concen: 4.318 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

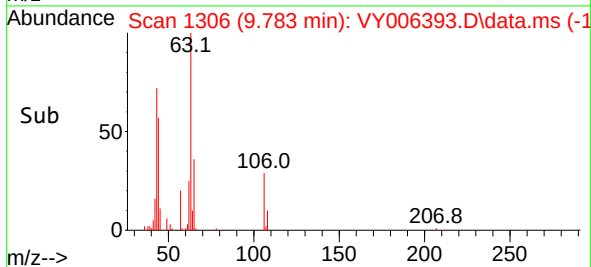
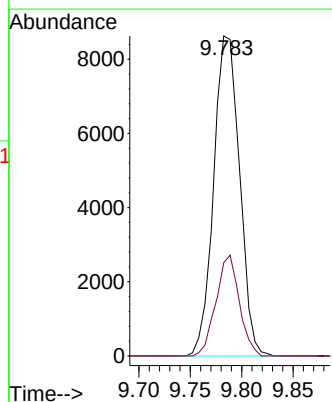
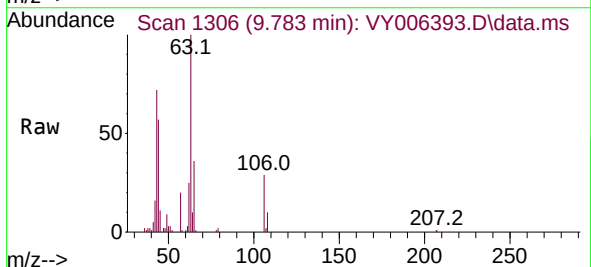
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

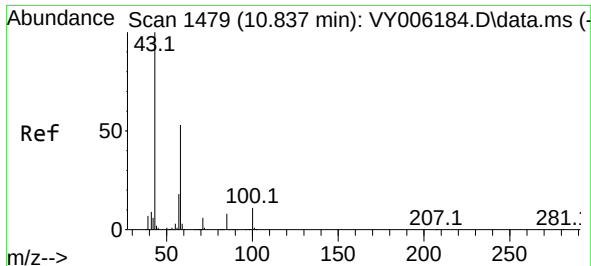
Tgt Ion: 76 Resp: 8298
Ion Ratio Lower Upper
76 100
78 31.1 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 19.095 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 63 Resp: 15104
Ion Ratio Lower Upper
63 100
106 28.3 21.5 32.3

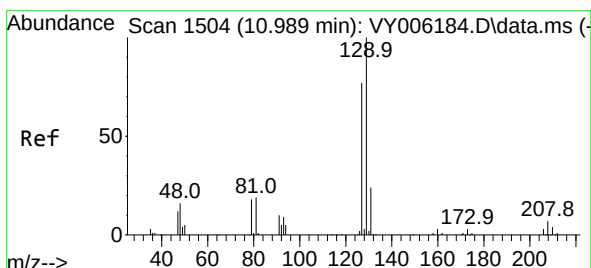
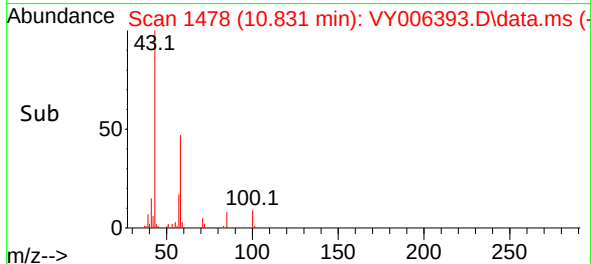
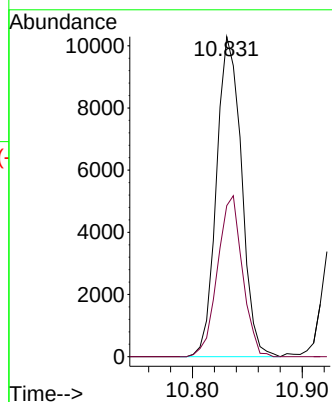
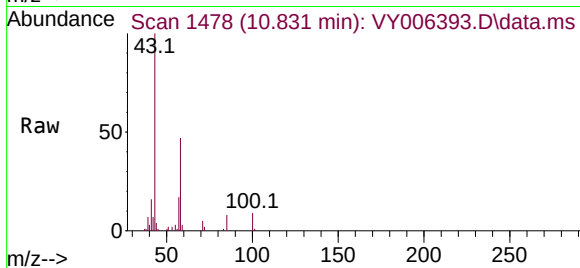




#59
2-Hexanone
Concen: 19.477 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

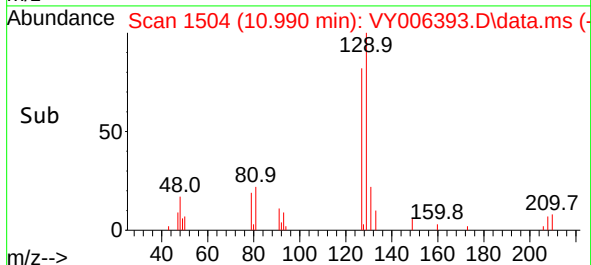
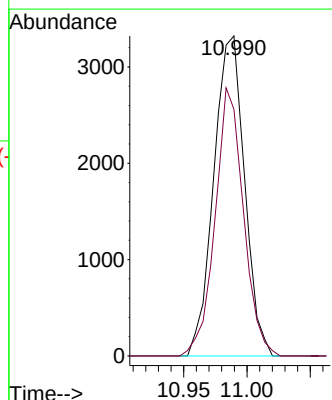
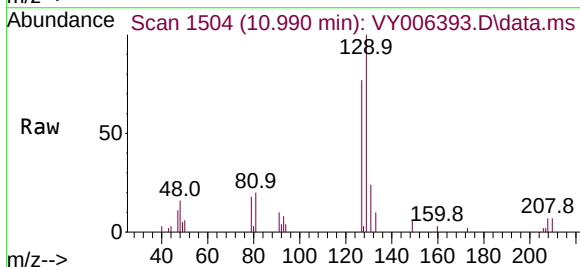
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

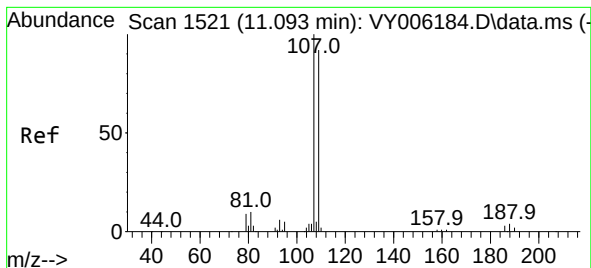
Tgt Ion: 43 Resp: 16334
Ion Ratio Lower Upper
43 100
58 50.0 24.4 73.4



#60
Dibromochloromethane
Concen: 4.352 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 129 Resp: 5616
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

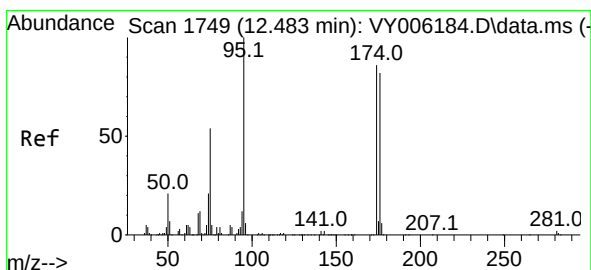
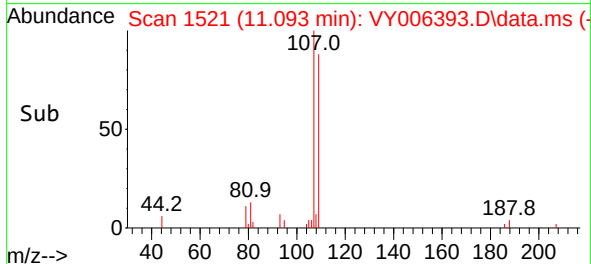
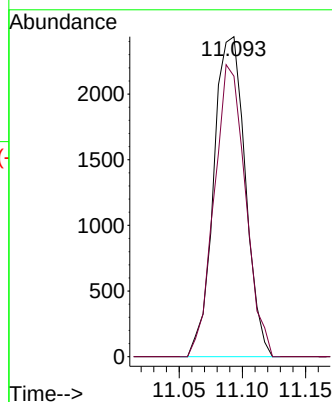
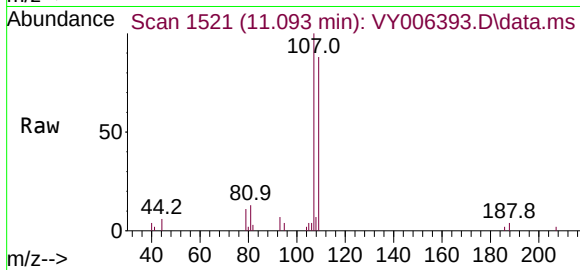




#61
1,2-Dibromoethane
Concen: 4.201 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

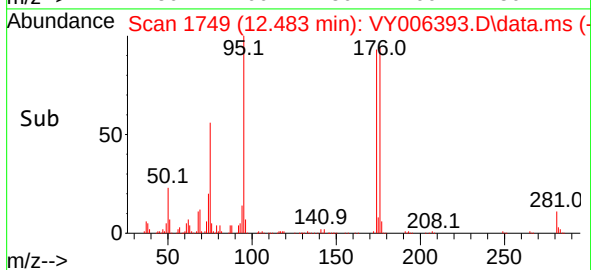
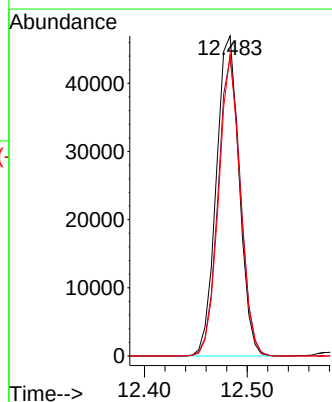
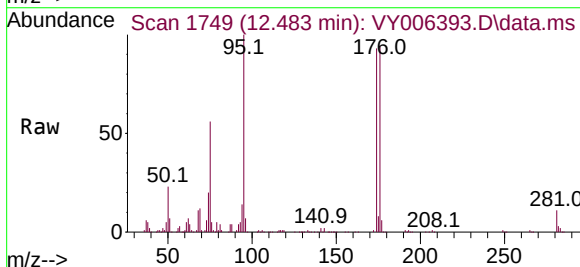
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

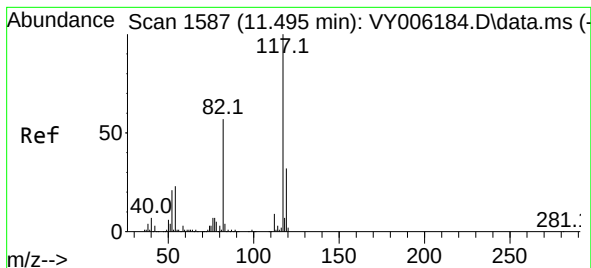
Tgt Ion:107 Resp: 4225
Ion Ratio Lower Upper
107 100
109 90.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 95 Resp: 72555
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.4 0.0 175.8

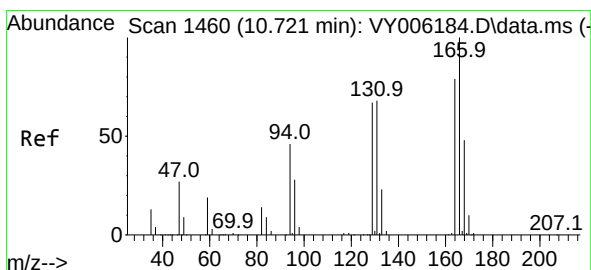
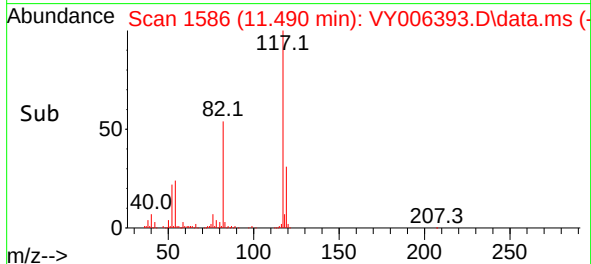
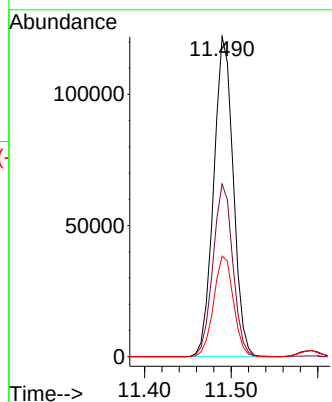
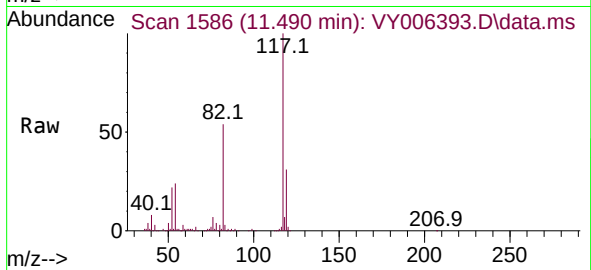




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

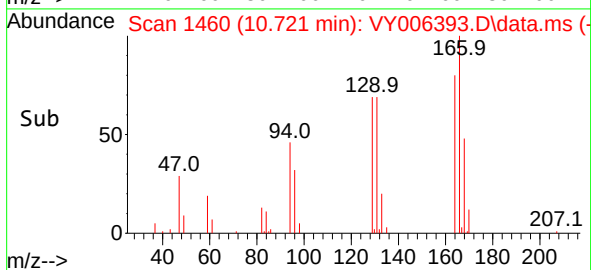
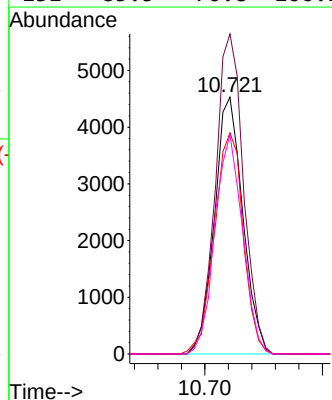
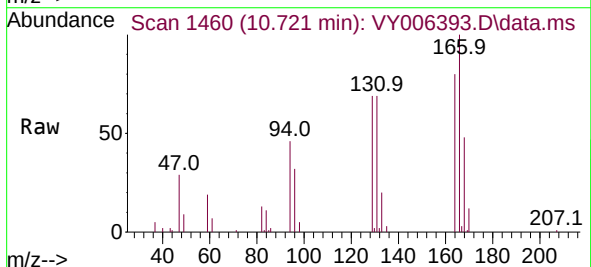
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

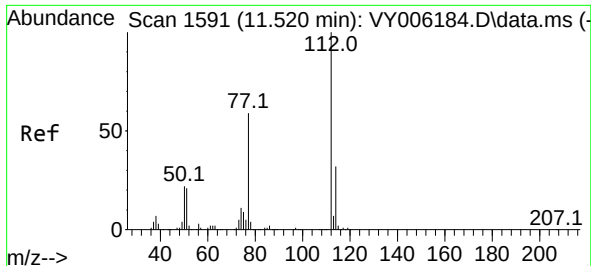
Tgt Ion:	117	Resp:	191422
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	31.5	25.4	38.0



#64
Tetrachloroethene
Concen: 4.927 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:	164	Resp:	7596
Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.4	150.6
129	86.1	71.4	107.0
131	85.5	70.8	106.2

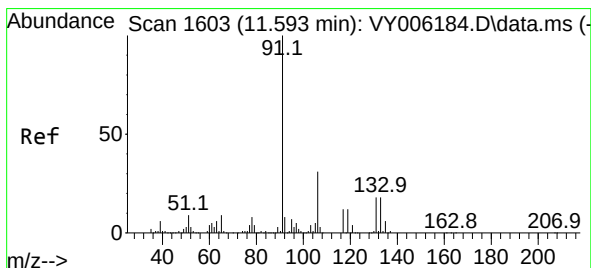
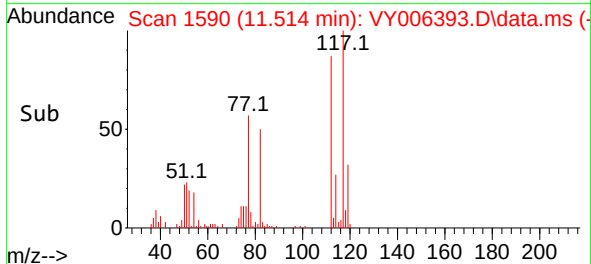
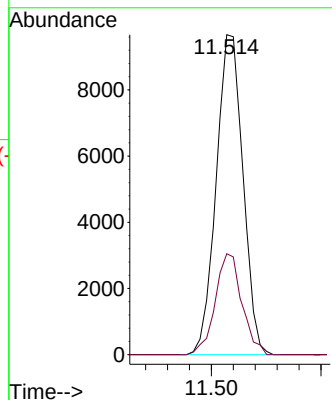
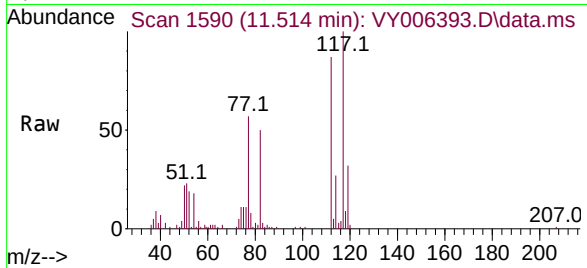




#65
Chlorobenzene
Concen: 4.324 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

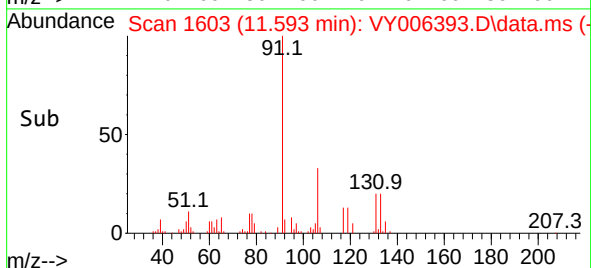
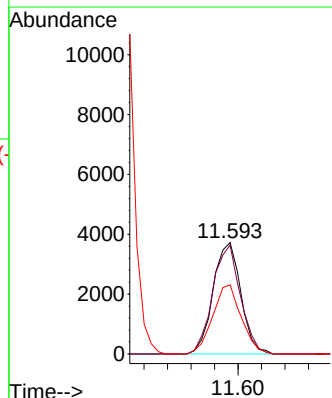
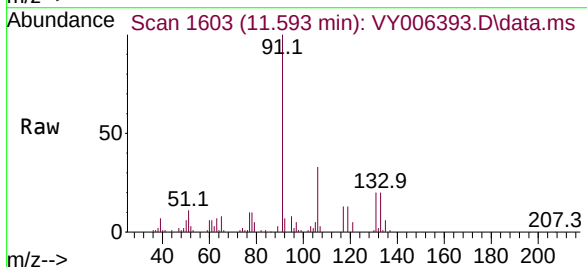
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

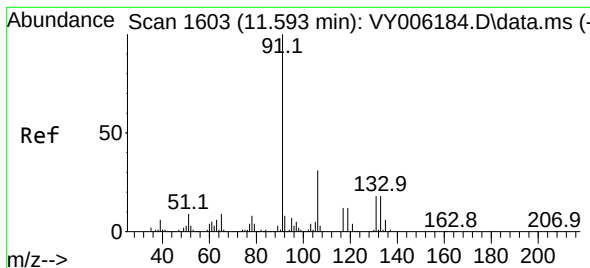
Tgt Ion:112 Resp: 16400
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.354 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:131 Resp: 6086
Ion Ratio Lower Upper
131 100
133 98.2 47.9 143.6
119 64.2 30.8 92.3

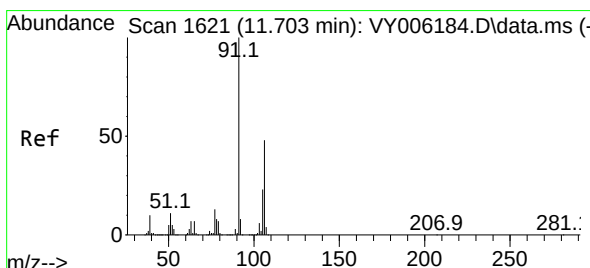
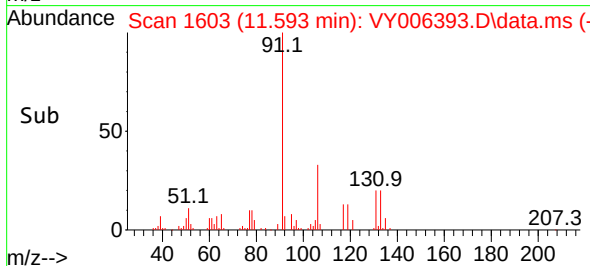
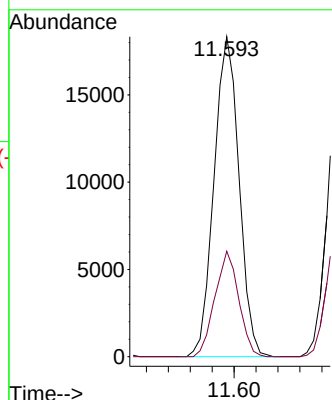
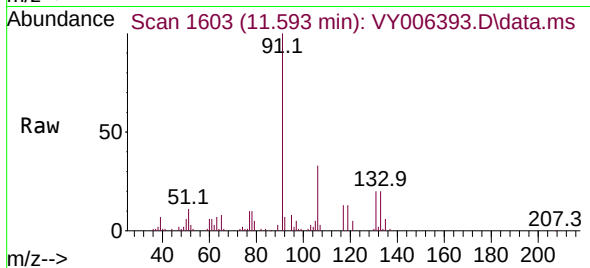




#67
Ethyl Benzene
Concen: 4.061 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

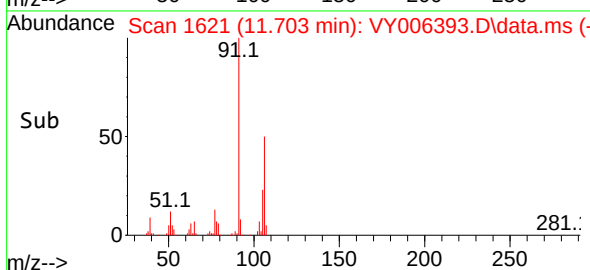
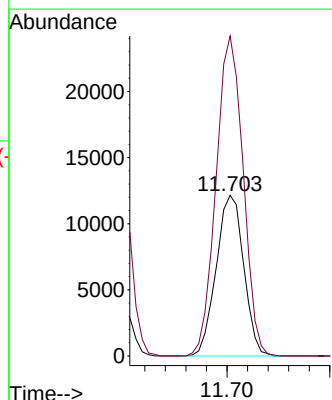
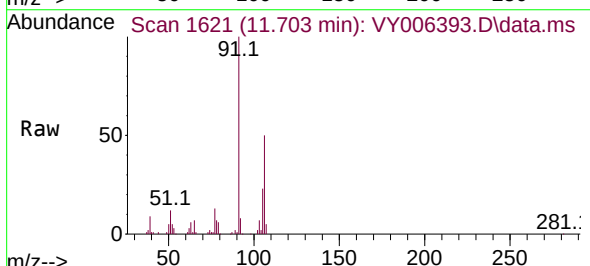
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

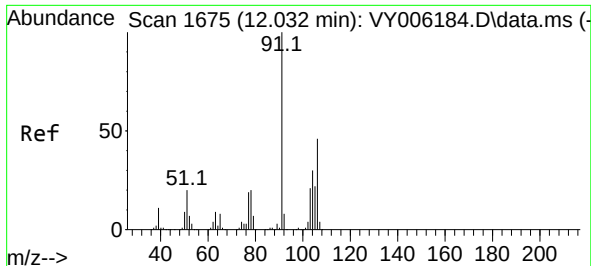
Tgt Ion: 91 Resp: 29030
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7



#68
m/p-Xylenes
Concen: 8.312 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 106 Resp: 22549
Ion Ratio Lower Upper
106 100
91 196.2 166.6 249.8

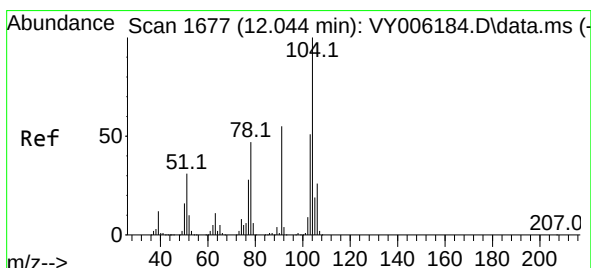
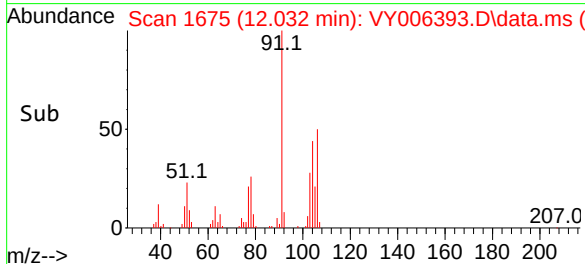
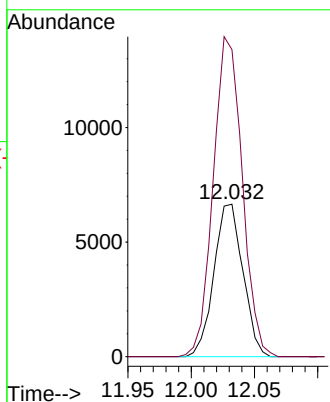
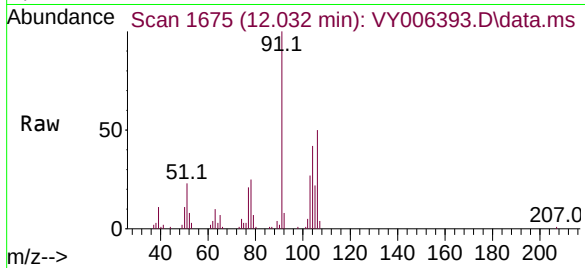




#69
o-Xylene
Concen: 4.138 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

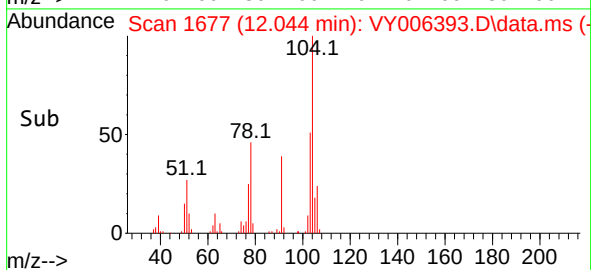
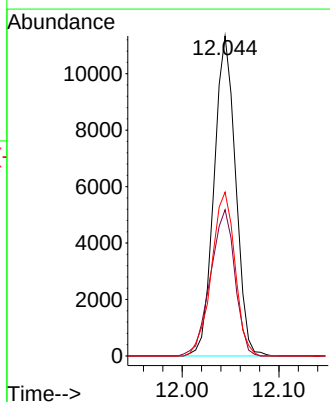
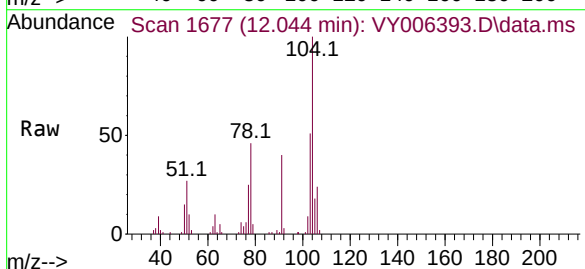
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

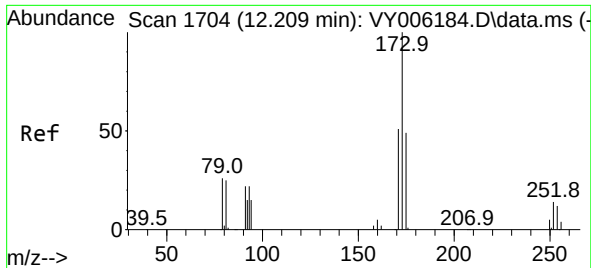
Tgt Ion:106 Resp: 10603
Ion Ratio Lower Upper
106 100
91 209.8 110.3 331.0



#70
Styrene
Concen: 4.032 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:104 Resp: 17546
Ion Ratio Lower Upper
104 100
78 51.7 42.4 63.6
103 55.8 44.4 66.6

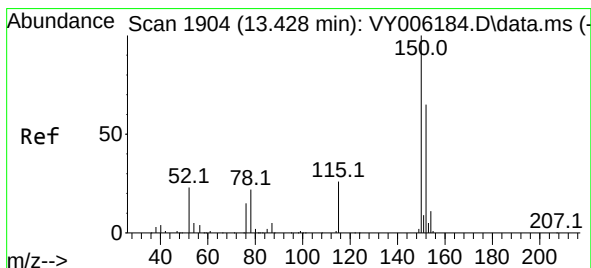
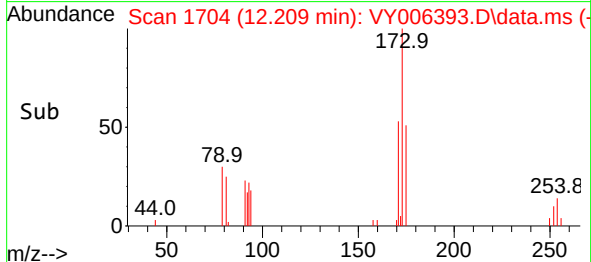
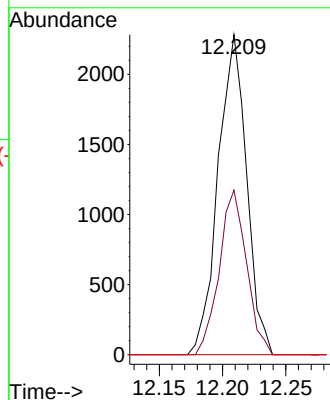
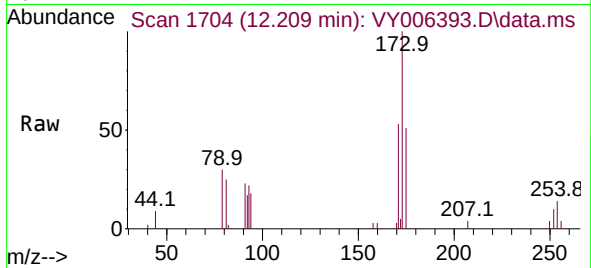




#71
Bromoform
Concen: 4.120 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

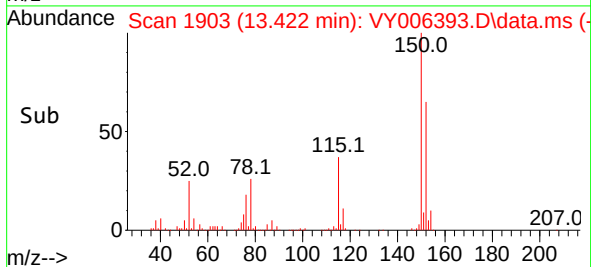
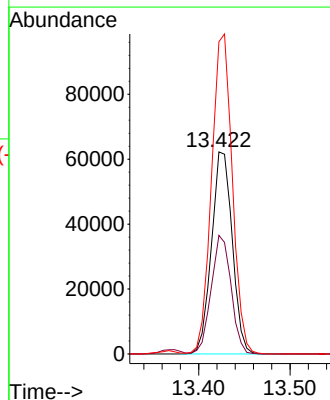
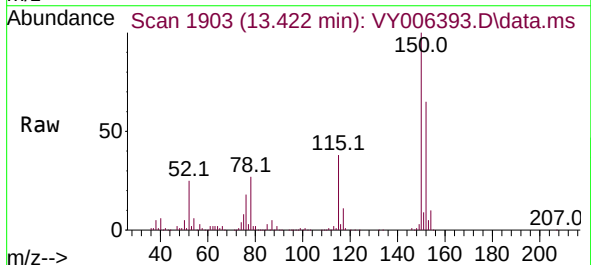
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

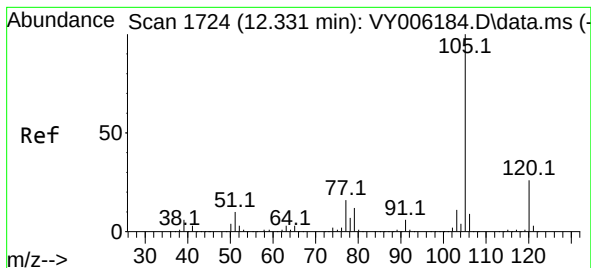
Tgt Ion:173 Resp: 3581
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:152 Resp: 98021
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.3 0.0 347.6





#73

Isopropylbenzene

Concen: 3.913 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006393.D

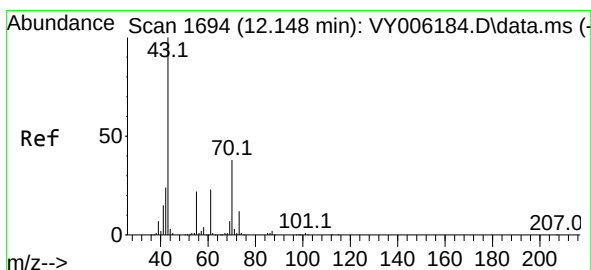
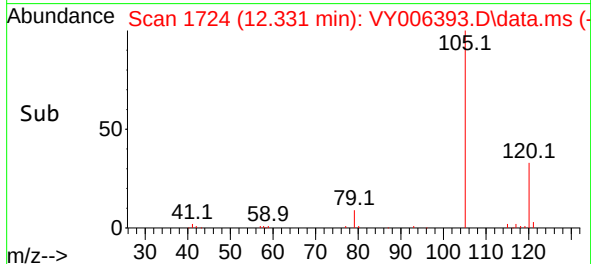
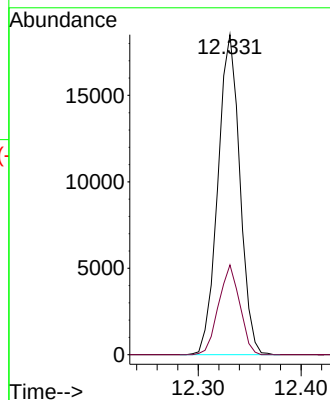
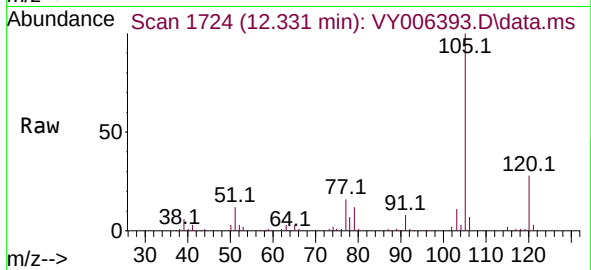
Acq: 14 Oct 2021 13:18

Tgt Ion:105 Resp: 27473

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 3.597 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion: 43 Resp: 7838

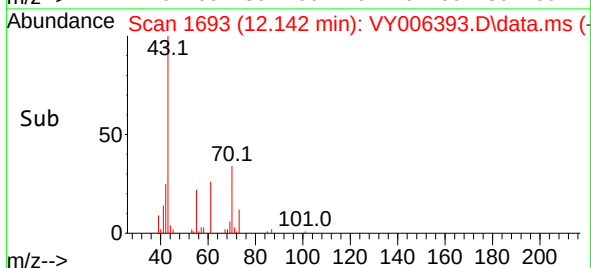
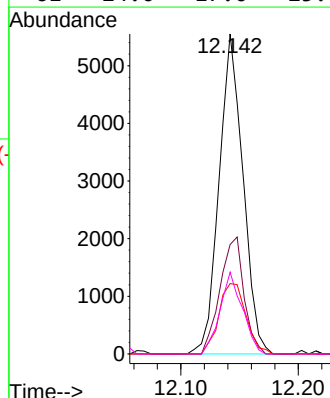
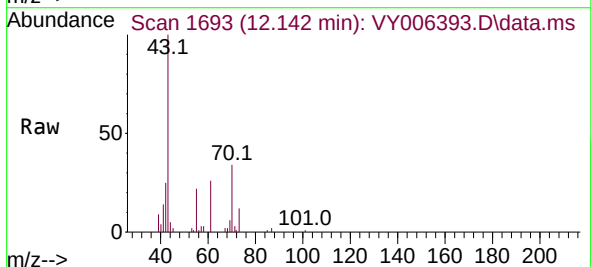
Ion Ratio Lower Upper

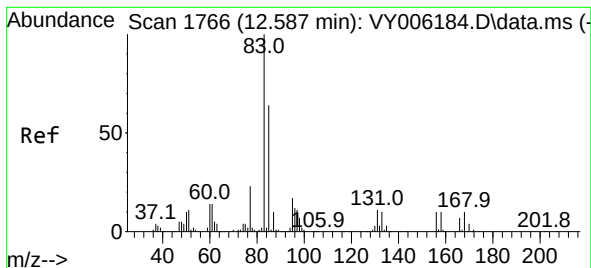
43 100

70 36.6 28.7 43.1

55 25.0 17.3 25.9

61 24.0 17.0 25.6



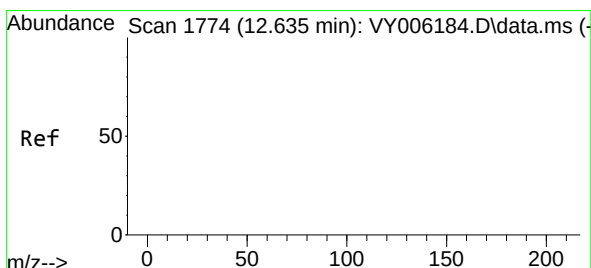
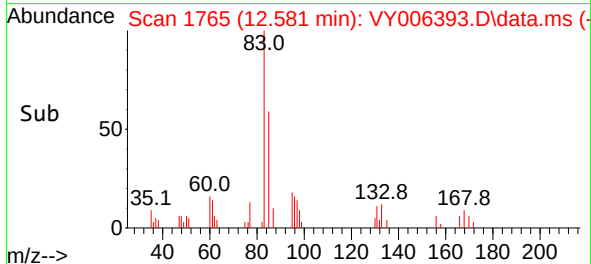
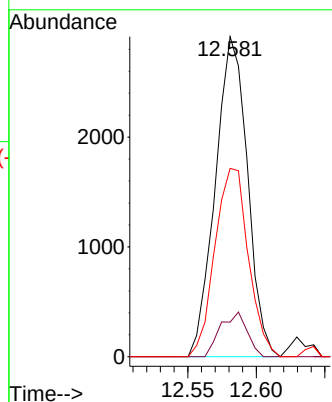
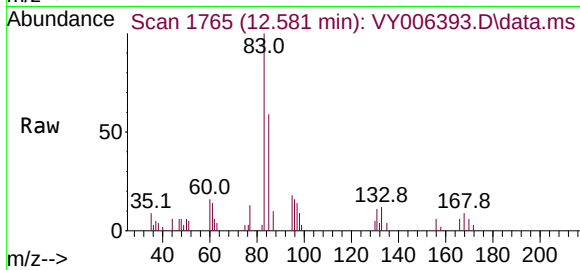


#75

1,1,2,2-Tetrachloroethane
Concen: 3.744 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

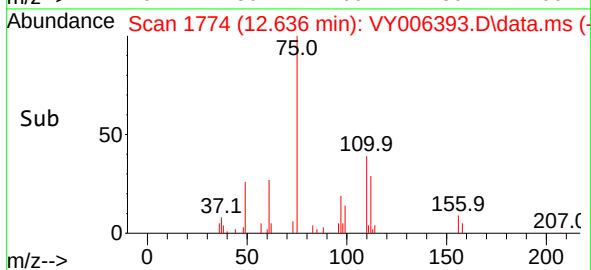
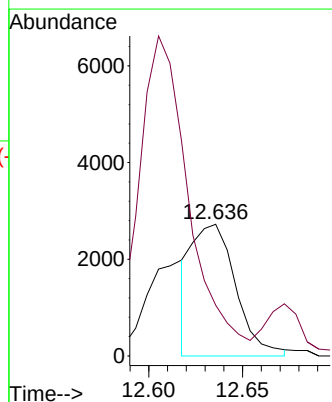
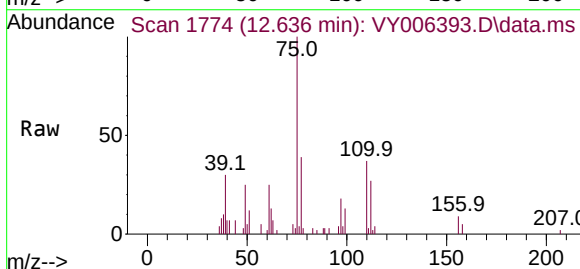
Tgt Ion: 83 Resp: 4748
Ion Ratio Lower Upper
83 100
131 11.5 5.6 16.8
85 61.4 32.3 96.8

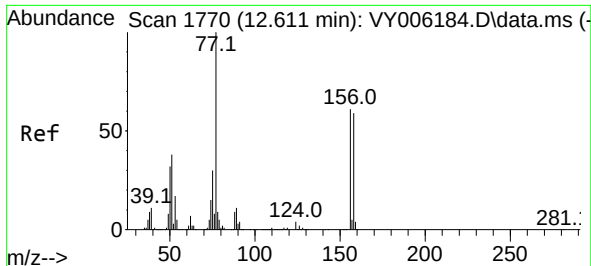


#76

1,2,3-Trichloropropane
Concen: 4.669 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 75 Resp: 4448
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

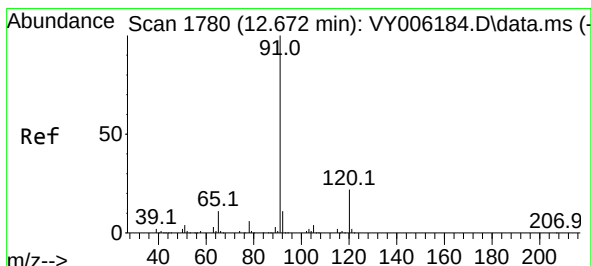
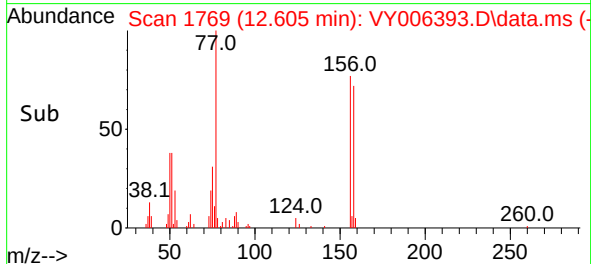
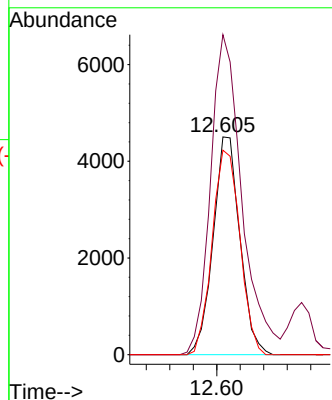
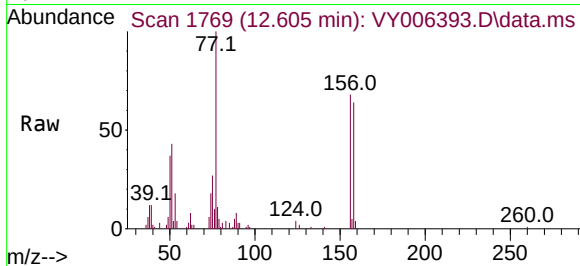




#77
Bromobenzene
Concen: 4.329 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

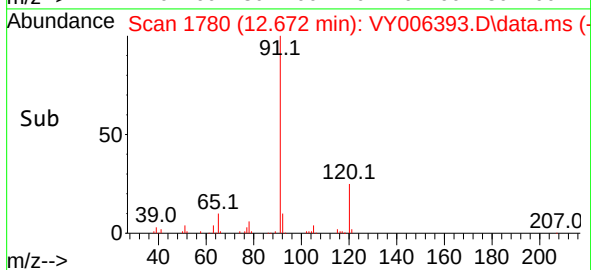
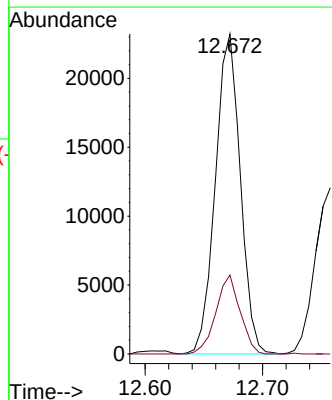
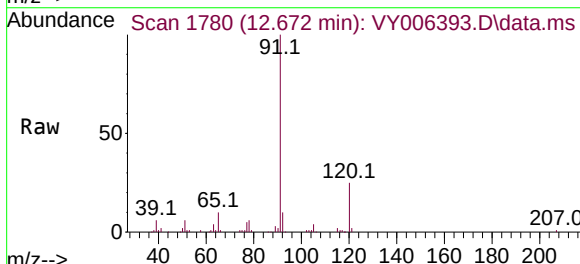
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

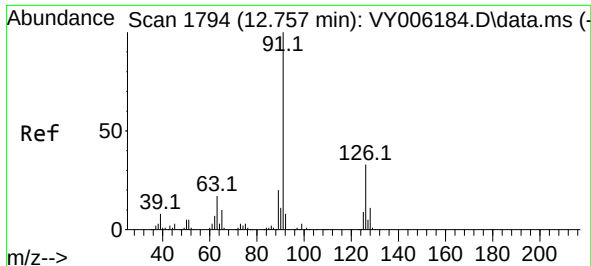
Tgt Ion:156 Resp: 7127
Ion Ratio Lower Upper
156 100
77 172.3 95.5 286.4
158 97.3 48.0 144.0



#78
n-propylbenzene
Concen: 3.959 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 91 Resp: 34220
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9

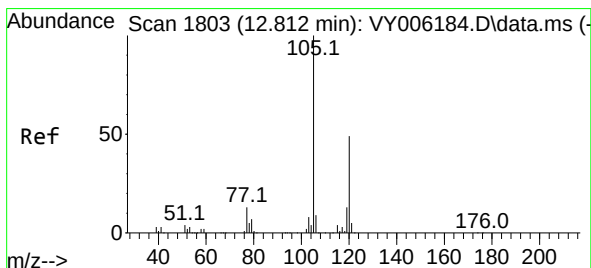
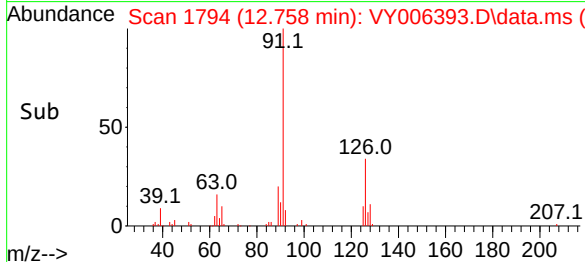
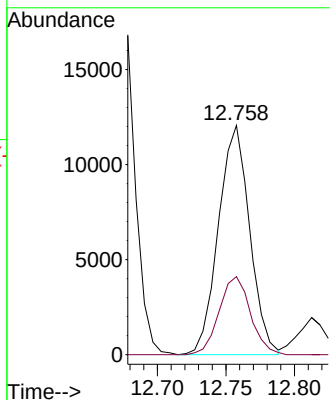
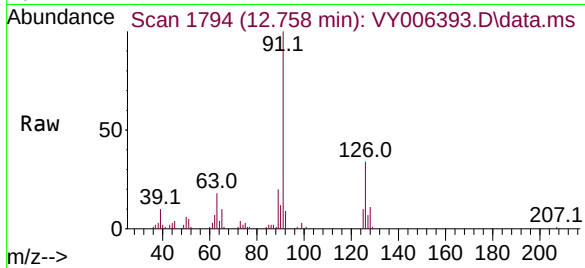




#79
2-Chlorotoluene
Concen: 4.003 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

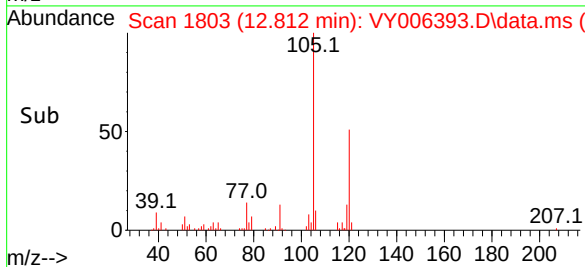
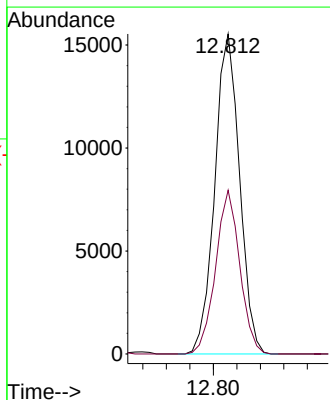
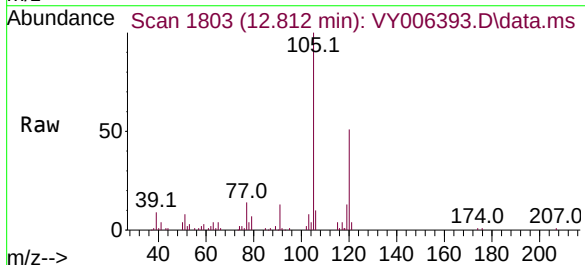
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

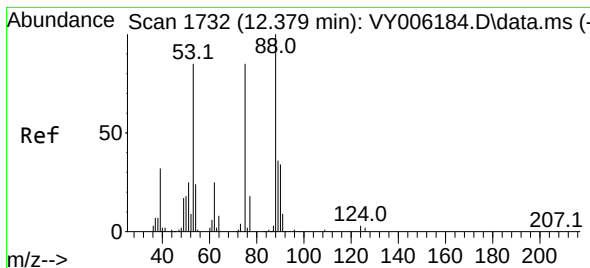
Tgt Ion: 91 Resp: 19146
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 3.875 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 105 Resp: 22751
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

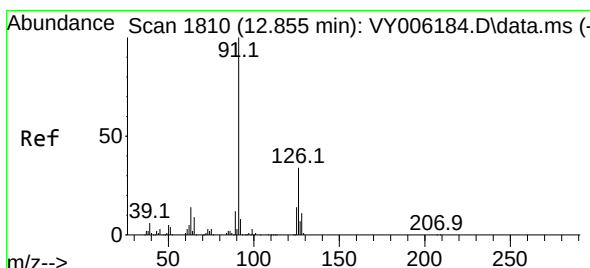
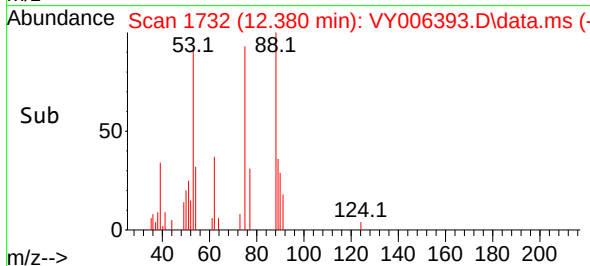
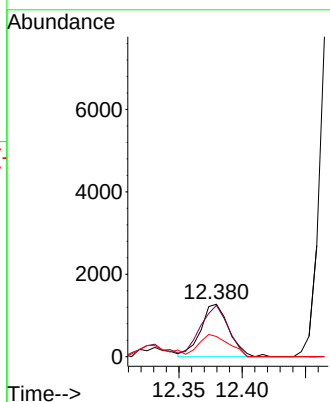
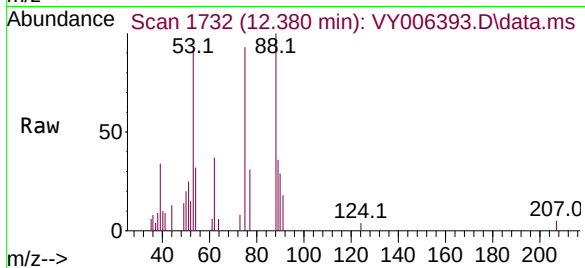




#81
trans-1,4-Dichloro-2-butene
Concen: 4.082 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

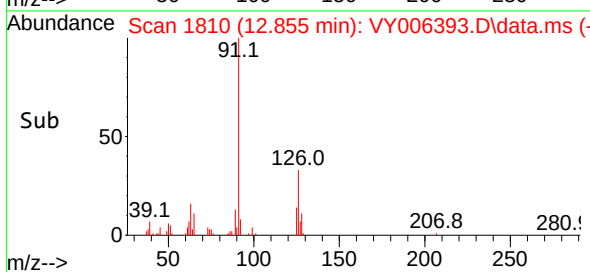
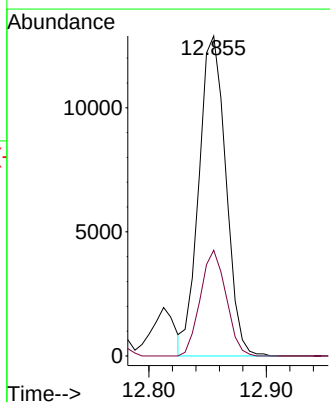
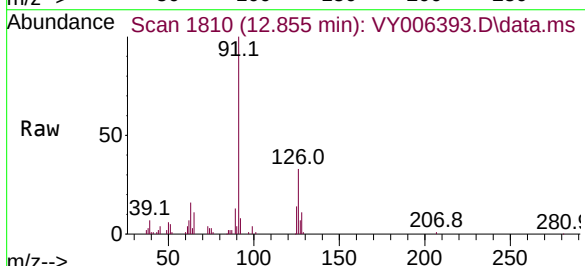
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

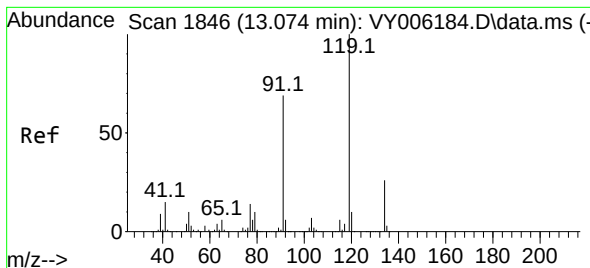
Tgt Ion: 75 Resp: 1979
Ion Ratio Lower Upper
75 100
53 96.9 85.3 127.9
89 44.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.158 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 91 Resp: 20566
Ion Ratio Lower Upper
91 100
126 31.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 3.895 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

Tgt Ion:119 Resp: 19548

Ion Ratio Lower Upper

119 100

91 66.4 34.8 104.4

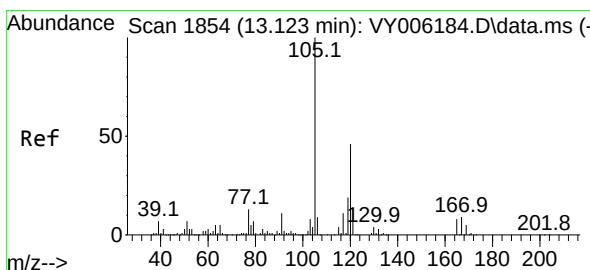
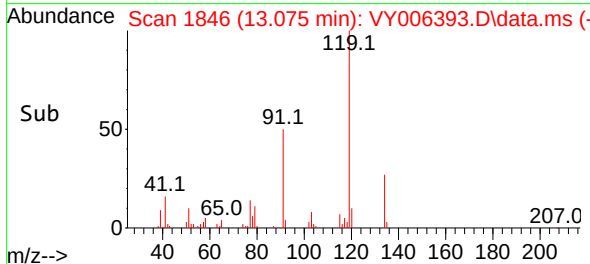
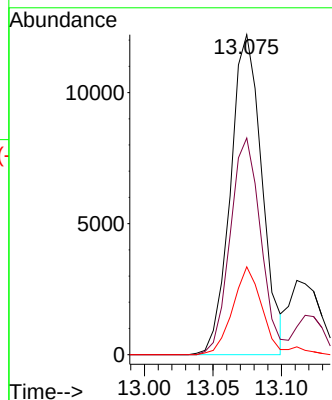
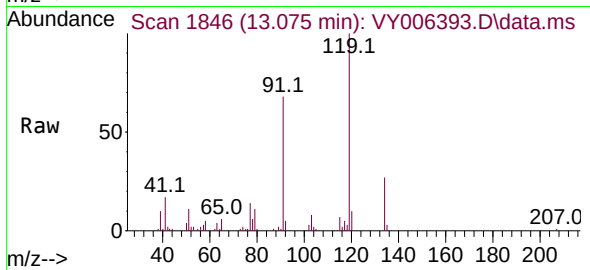
134 25.4 13.3 39.9

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#84

1,2,4-Trimethylbenzene

Concen: 3.798 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY006393.D

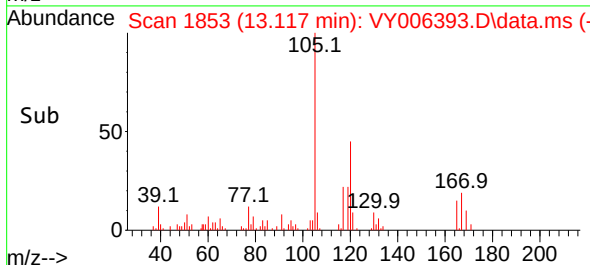
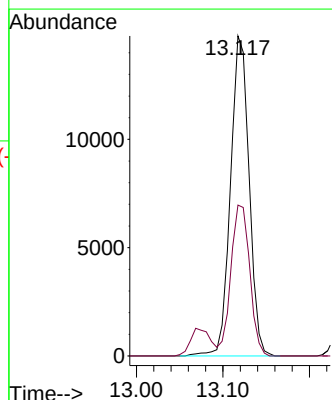
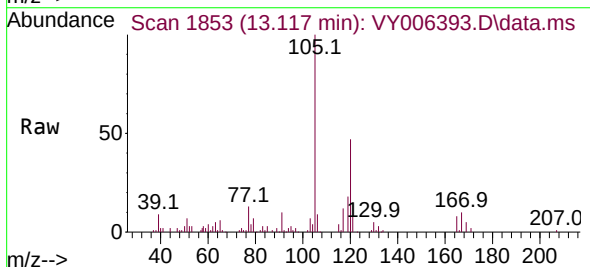
Acq: 14 Oct 2021 13:18

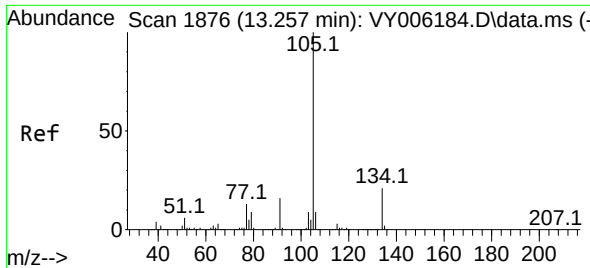
Tgt Ion:105 Resp: 22019

Ion Ratio Lower Upper

105 100

120 47.9 22.3 66.9

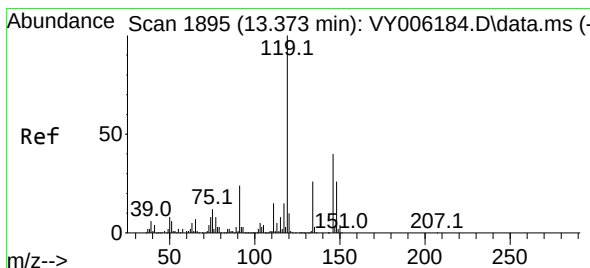
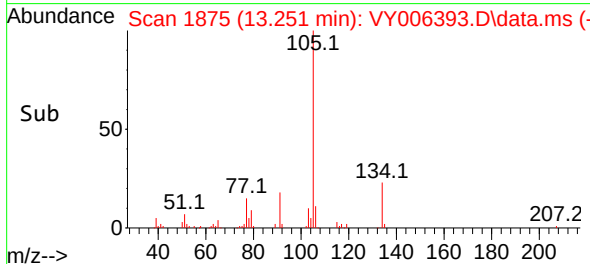
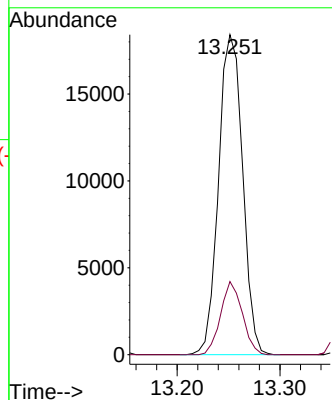
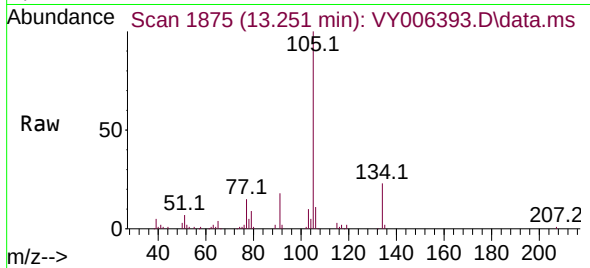




#85
 sec-Butylbenzene
 Concen: 3.938 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY006393.D
 Acq: 14 Oct 2021 13:18

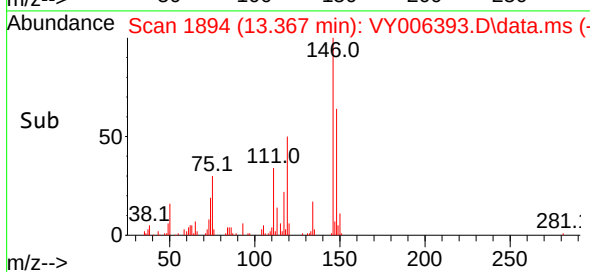
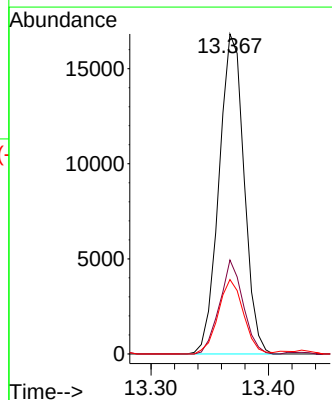
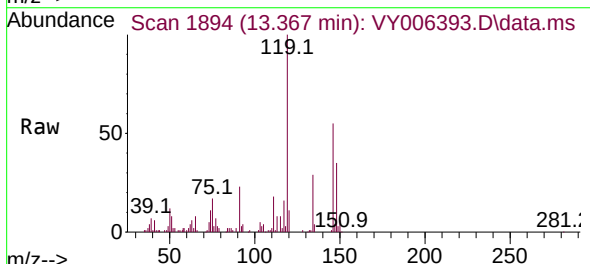
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

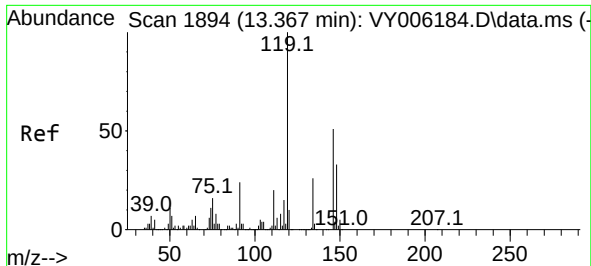
Tgt Ion:105 Resp: 29874
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.888 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY006393.D
 Acq: 14 Oct 2021 13:18

Tgt Ion:119 Resp: 24884
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 23.6 12.4 37.2



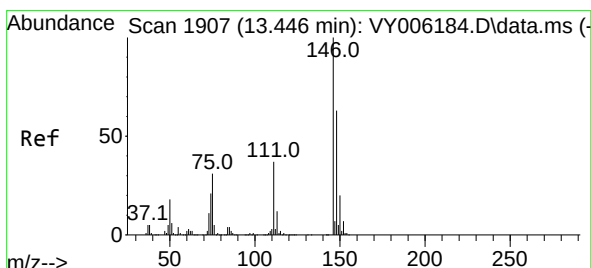
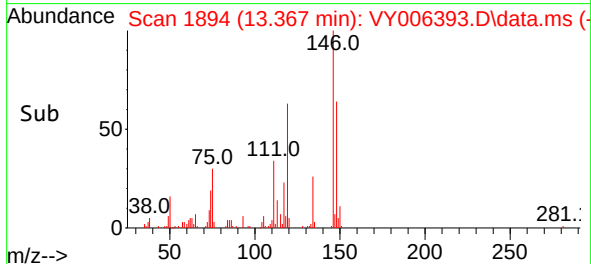
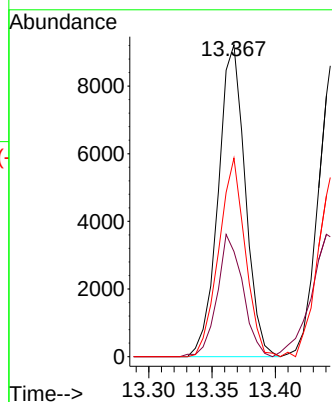
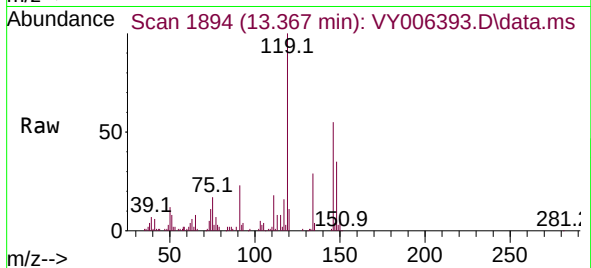


#87

1,3-Dichlorobenzene
Concen: 4.191 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

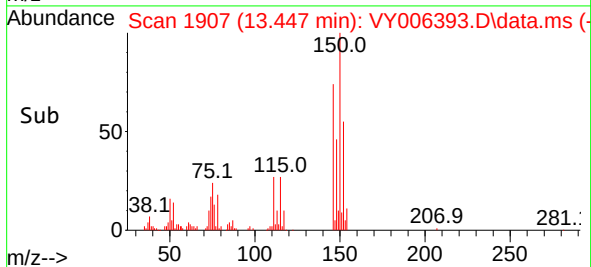
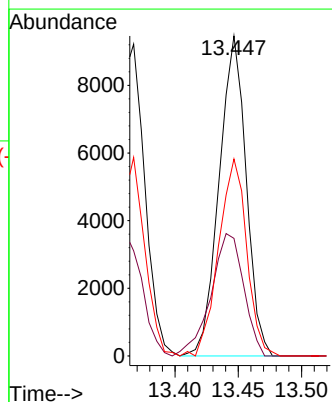
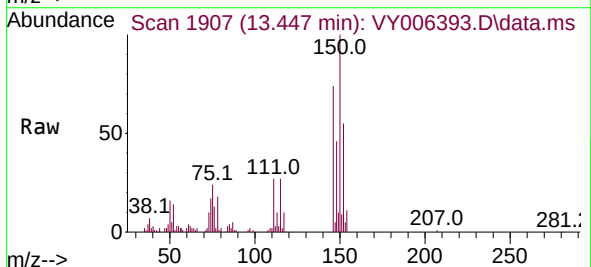
Tgt Ion:146 Resp: 13670
Ion Ratio Lower Upper
146 100
111 37.1 19.5 58.5
148 62.2 31.6 95.0

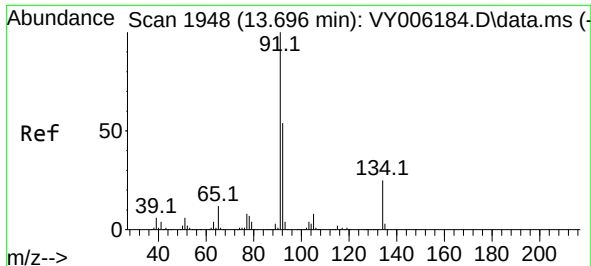


#88

1,4-Dichlorobenzene
Concen: 4.371 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:146 Resp: 14058
Ion Ratio Lower Upper
146 100
111 46.3 19.3 57.8
148 63.9 32.6 97.8

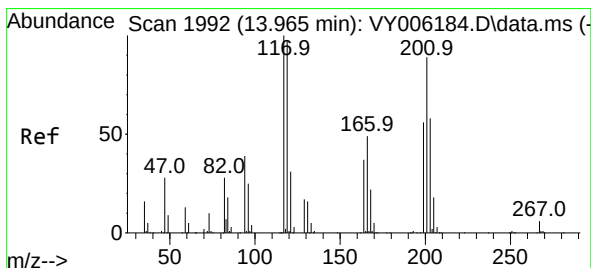
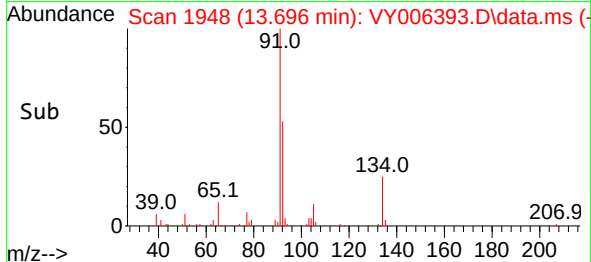
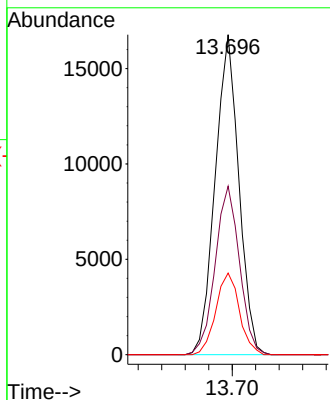
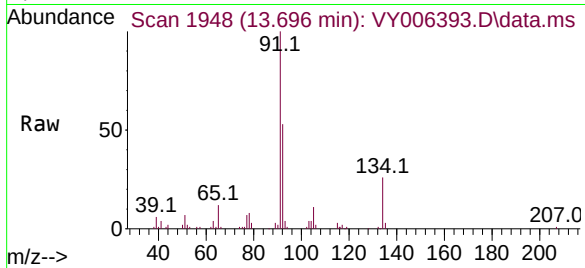




#89
n-Butylbenzene
Concen: 3.861 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

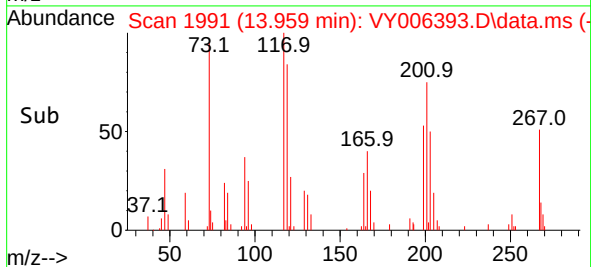
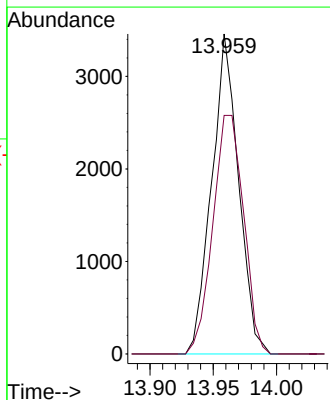
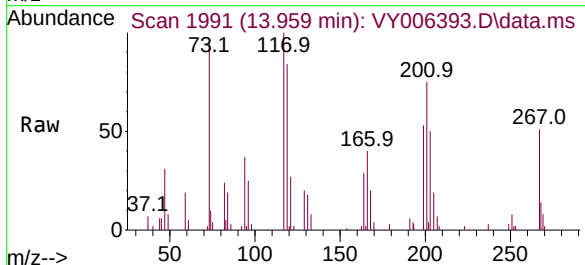
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

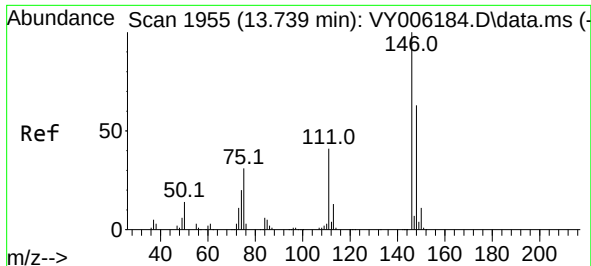
Tgt Ion: 91	Resp: 23483
Ion Ratio	Lower Upper
91	100
92	54.1 26.3 78.9
134	25.5 13.0 38.9



#90
Hexachloroethane
Concen: 4.392 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion: 117	Resp: 5106
Ion Ratio	Lower Upper
117	100
201	85.3 43.0 128.8

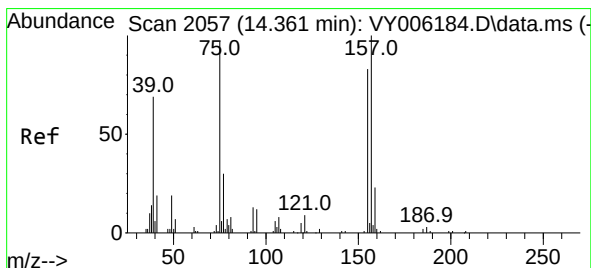
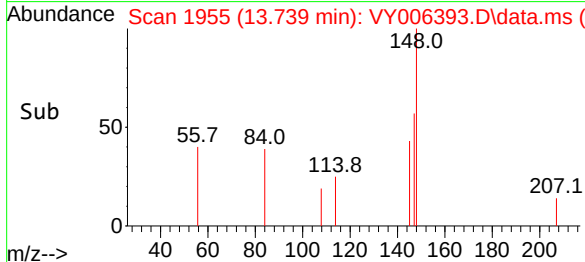
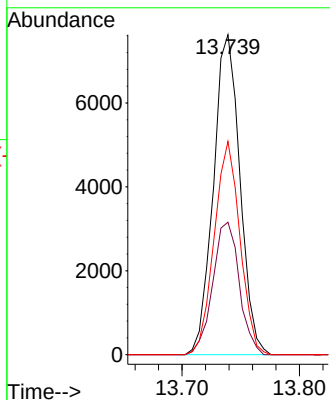
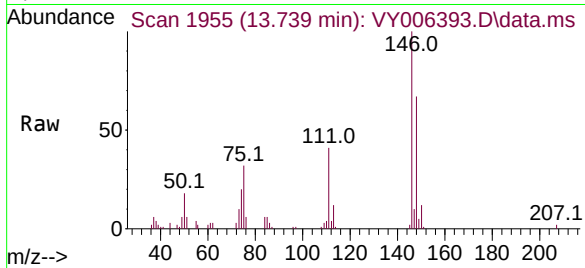




#91
1,2-Dichlorobenzene
Concen: 4.194 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

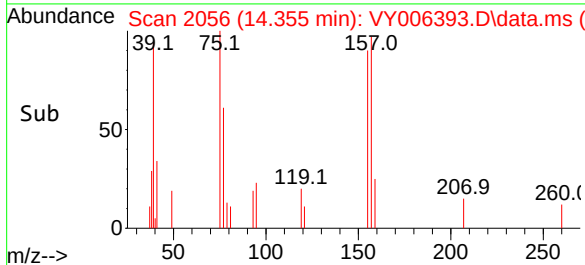
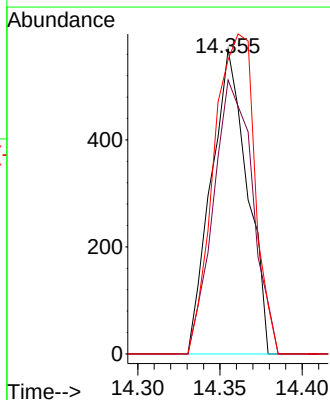
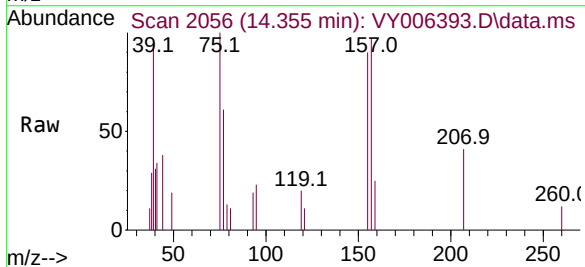
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

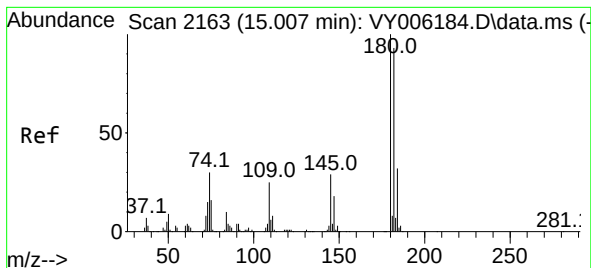
Tgt Ion:	146	Resp:	11962
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.3	60.9
148	64.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.589 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:	75	Resp:	867
Ion Ratio	Lower	Upper	
75	100		
155	97.7	38.0	113.9
157	119.5	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.272 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

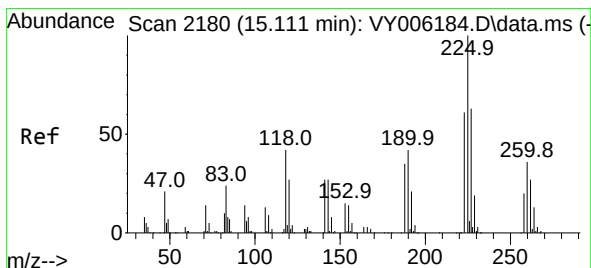
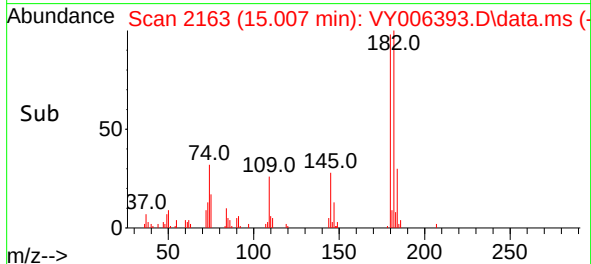
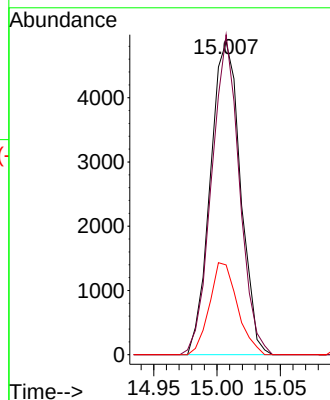
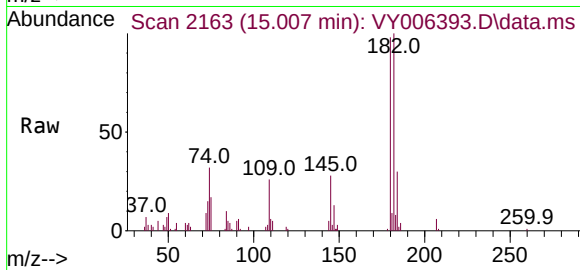
Tgt Ion:180 Resp: 8051

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 27.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 4.267 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY006393.D

Acq: 14 Oct 2021 13:18

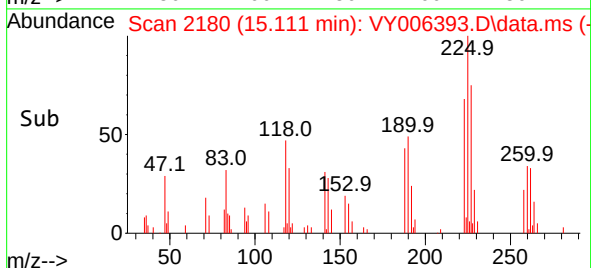
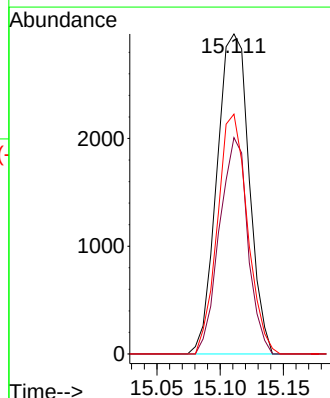
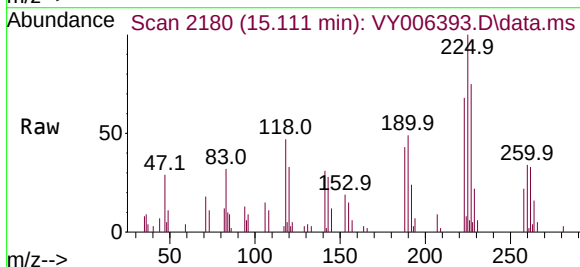
Tgt Ion:225 Resp: 5246

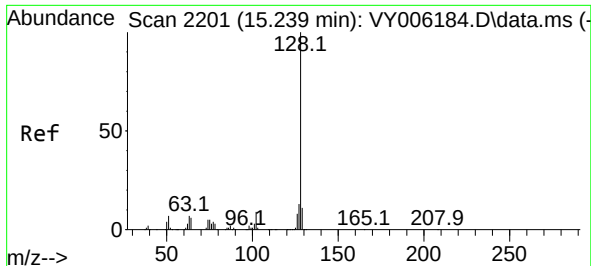
Ion Ratio Lower Upper

225 100

223 59.6 30.8 92.3

227 69.9 31.6 94.7

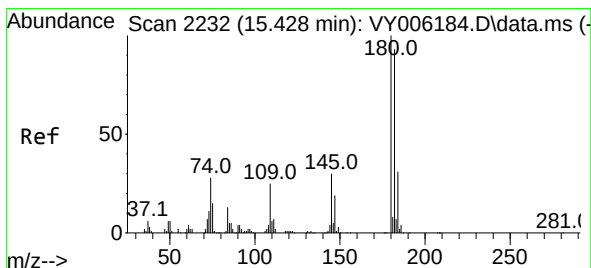
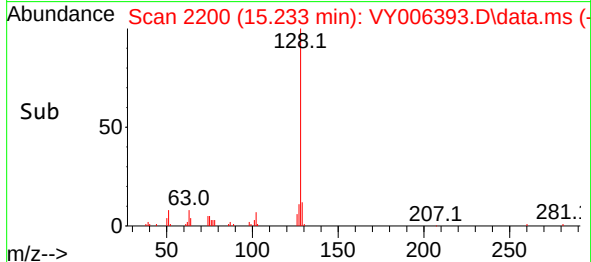
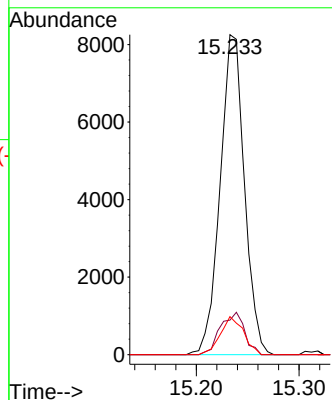
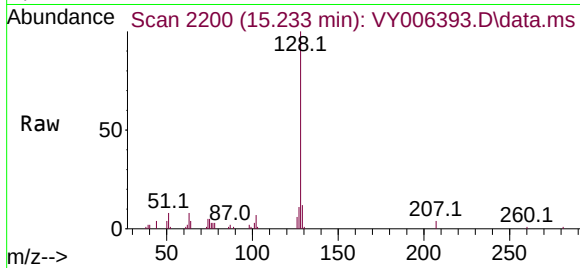




#95
Naphthalene
Concen: 3.615 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:128	Resp:	13535
Ion Ratio	Lower	Upper
128	100	
127	13.2	11.0 16.4
129	11.4	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 3.989 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006393.D
Acq: 14 Oct 2021 13:18

Tgt Ion:180	Resp:	6663
Ion Ratio	Lower	Upper
180	100	
182	97.9	47.3 141.9
145	29.3	15.3 45.9

