

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006392.D
 Acq On : 14 Oct 2021 12:55
 Operator : SY/MD
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 15 00:34:42 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	137580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73405	49.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.700%
35) Dibromofluoromethane	7.722	113	54222	47.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.179	98	224153	47.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.483	95	74254	46.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	3809	2.729	ug/l	98
3) Chloromethane	2.119	50	5058	3.112	ug/l	99
4) Vinyl Chloride	2.259	62	5903	3.277	ug/l	95
5) Bromomethane	2.662	94	3861	3.298	ug/l	99
6) Chloroethane	2.802	64	3124	2.947	ug/l	99
7) Trichlorofluoromethane	3.137	101	6618	2.789	ug/l	89
8) Diethyl Ether	3.528	74	2140	2.731	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	3260	2.574	ug/l	95
10) Methyl Iodide	4.101	142	3060	2.217	ug/l	98
11) Tert butyl alcohol	4.948	59	2413	18.733	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	3367	2.613	ug/l	94
13) Acrolein	3.729	56	983	11.984	ug/l	87
14) Allyl chloride	4.491	41	5932	2.394	ug/l	98
15) Acrylonitrile	5.174	53	5292	12.838	ug/l	96
16) Acetone	3.954	43	5735	13.945	ug/l	92
17) Carbon Disulfide	4.204	76	10941	2.539	ug/l	98
18) Methyl Acetate	4.485	43	4178	3.013	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	9103	2.419	ug/l	94
20) Methylene Chloride	4.722	84	14417	9.007	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	3744	2.621	ug/l	81
22) Diisopropyl ether	6.119	45	11560	2.358	ug/l #	95
23) Vinyl Acetate	6.064	43	32352	11.010	ug/l	100
24) 1,1-Dichloroethane	6.033	63	6964	2.646	ug/l	95
25) 2-Butanone	7.003	43	6720	11.730	ug/l	99
26) 2,2-Dichloropropane	6.990	77	6167	2.562	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	4225	2.641	ug/l	95
28) Bromochloromethane	7.344	49	2983	2.722	ug/l #	95
29) Tetrahydrofuran	7.356	42	4202	11.612	ug/l	92
30) Chloroform	7.509	83	7058	2.688	ug/l	100
31) Cyclohexane	7.795	56	9305	3.335	ug/l #	68
32) 1,1,1-Trichloroethane	7.704	97	6591	2.719	ug/l	99
36) 1,1-Dichloropropene	7.923	75	5622	2.659	ug/l	99
37) Ethyl Acetate	7.082	43	3269	2.654	ug/l #	94
38) Carbon Tetrachloride	7.911	117	6197	2.776	ug/l	84
39) Methylcyclohexane	9.185	83	6420	2.418	ug/l	93
40) Benzene	8.167	78	15274	2.547	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	1456m	1.823	ug/l	
42) 1,2-Dichloroethane	8.240	62	5343	2.765	ug/l	94
43) Isopropyl Acetate	8.277	43	5433	2.300	ug/l #	94
44) Trichloroethene	8.941	130	4153	2.681	ug/l	100
45) 1,2-Dichloropropane	9.222	63	3761	2.547	ug/l	95
46) Dibromomethane	9.313	93	1880	2.391	ug/l	93
47) Bromodichloromethane	9.502	83	5390	2.663	ug/l	95
48) Methyl methacrylate	9.295	41	2665	2.352	ug/l	96
49) 1,4-Dioxane	9.301	88	478	46.599	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	13851	11.294	ug/l	99
52) Toluene	10.246	92	9583	2.576	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	5495	2.490	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	5981	2.465	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	2881	2.604	ug/l	90
56) Ethyl methacrylate	10.508	69	3589	2.134	ug/l	99
57) 1,3-Dichloropropane	10.788	76	5139	2.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	9888	12.002	ug/l	97
59) 2-Hexanone	10.831	43	9889	11.321	ug/l	98
60) Dibromochloromethane	10.990	129	3321	2.471	ug/l	94
61) 1,2-Dibromoethane	11.093	107	2624	2.505	ug/l	95
64) Tetrachloroethene	10.721	164	4548	2.871	ug/l	96
65) Chlorobenzene	11.514	112	10191	2.615	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	3756	2.615	ug/l	99
67) Ethyl Benzene	11.593	91	18119	2.466	ug/l	99
68) m/p-Xylenes	11.703	106	13447	4.824	ug/l	95
69) o-Xylene	12.032	106	6619	2.514	ug/l	94
70) Styrene	12.044	104	10267	2.296	ug/l	96
71) Bromoform	12.209	173	2128	2.382	ug/l #	92
73) Isopropylbenzene	12.331	105	16407	2.333	ug/l	99
74) N-amyl acetate	12.142	43	4751	2.177	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	2987	2.352	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	2848m	2.985	ug/l	
77) Bromobenzene	12.611	156	4434	2.689	ug/l	93
78) n-propylbenzene	12.672	91	20966	2.422	ug/l	97
79) 2-Chlorotoluene	12.758	91	12203	2.548	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	14130	2.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1115m	2.296	ug/l	
82) 4-Chlorotoluene	12.855	91	12323	2.487	ug/l	99
83) tert-Butylbenzene	13.075	119	11800	2.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	14273	2.458	ug/l	100
85) sec-Butylbenzene	13.251	105	18496	2.435	ug/l	98
86) p-Isopropyltoluene	13.367	119	14997	2.339	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	8417	2.577	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	9146	2.839	ug/l	93
89) n-Butylbenzene	13.696	91	14281	2.344	ug/l	97
90) Hexachloroethane	13.965	117	3177	2.729	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	7613	2.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	597	2.467	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	5063	2.682	ug/l	98
94) Hexachlorobutadiene	15.117	225	3283	2.666	ug/l	92
95) Naphthalene	15.233	128	8988	2.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	4529	2.707	ug/l	99

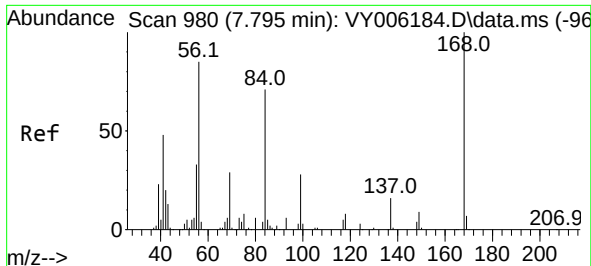
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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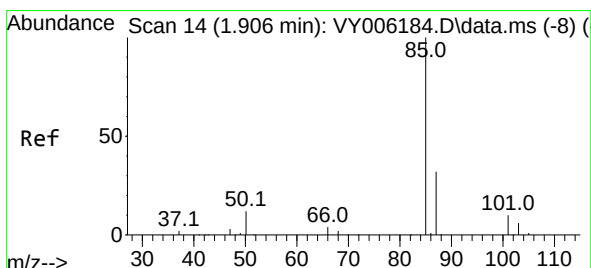
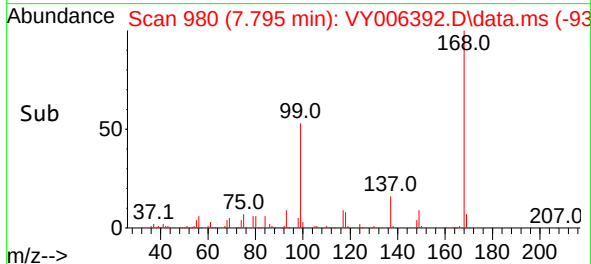
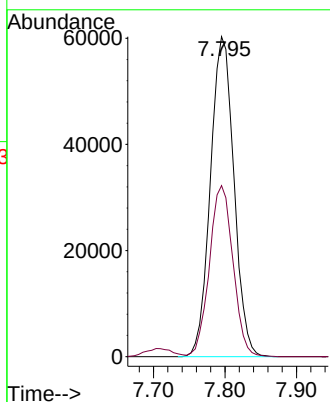
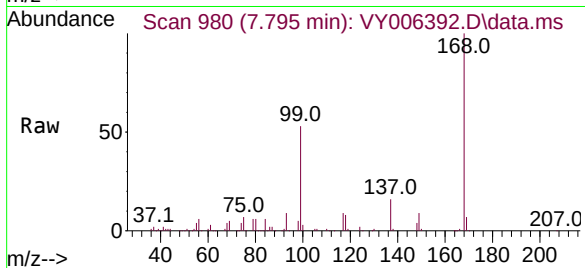
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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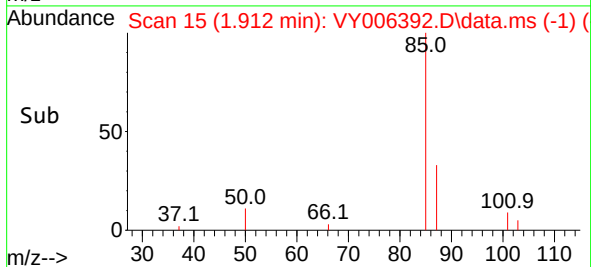
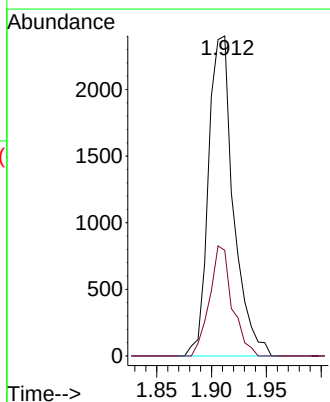
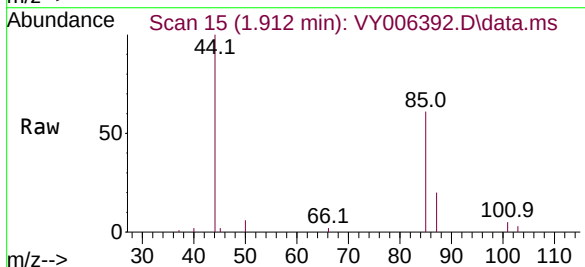
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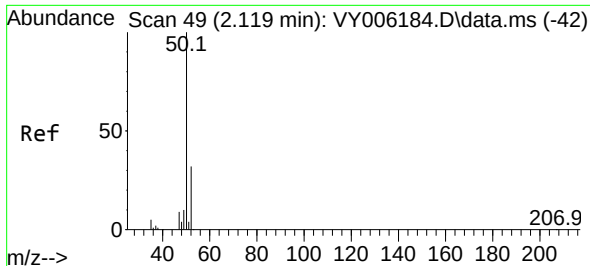
Tgt Ion:168 Resp: 137580
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.729 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 85 Resp: 3809
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

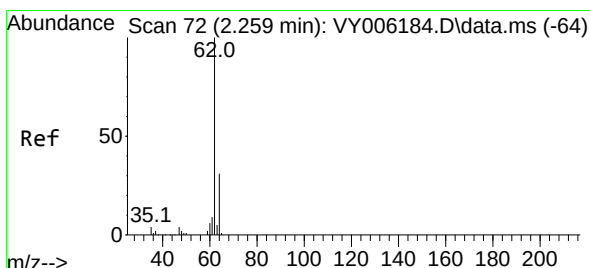
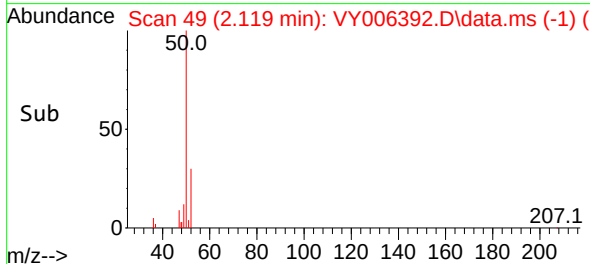
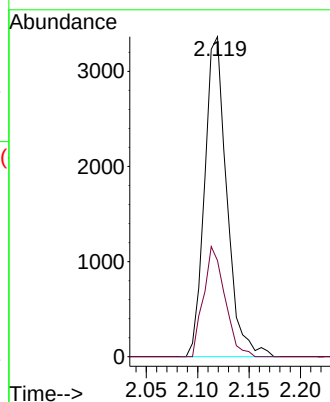
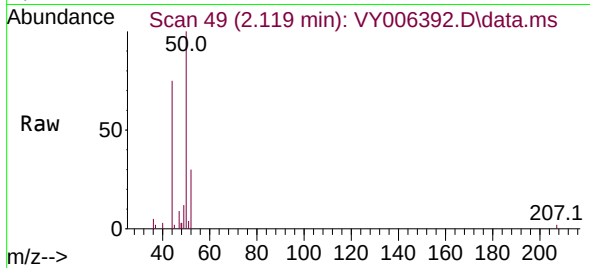




#3
Chloromethane
Concen: 3.112 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

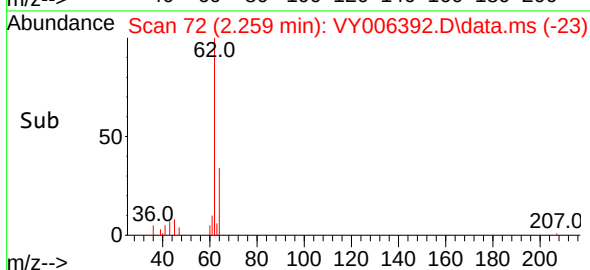
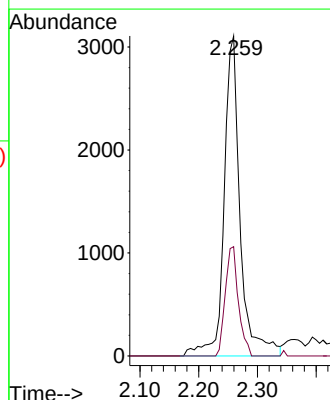
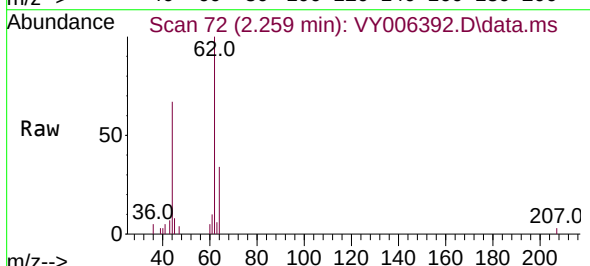
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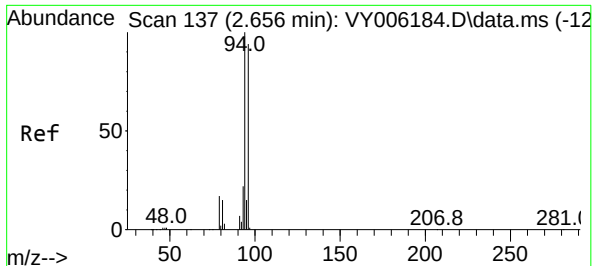
Tgt Ion: 50 Resp: 5058
Ion Ratio Lower Upper
50 100
52 30.0 24.6 37.0



#4
Vinyl Chloride
Concen: 3.277 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006392.D
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Tgt Ion: 62 Resp: 5903
Ion Ratio Lower Upper
62 100
64 34.1 25.0 37.6

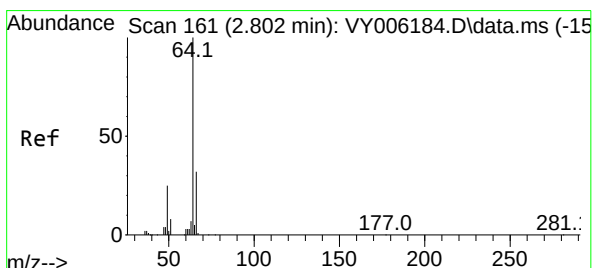
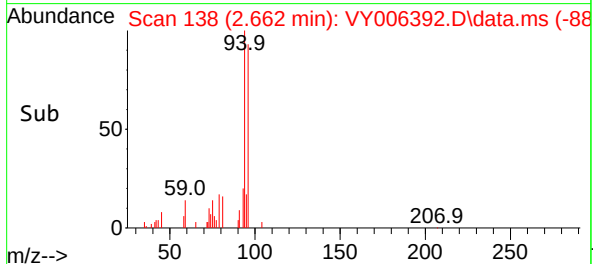
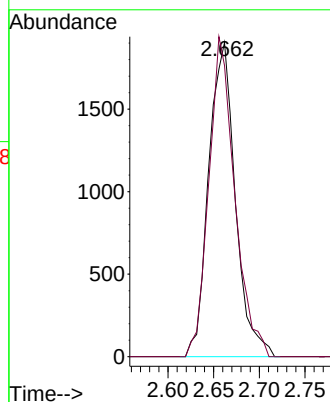
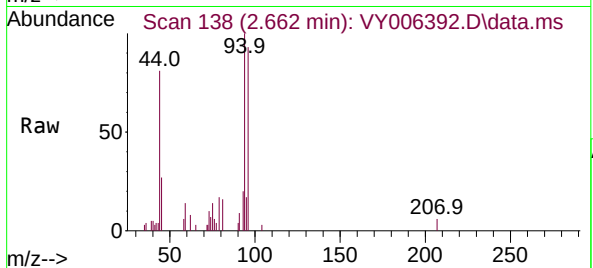




#5
Bromomethane
Concen: 3.298 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

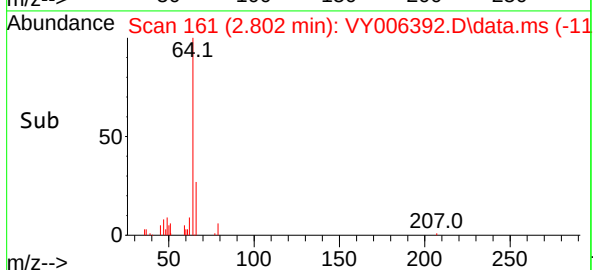
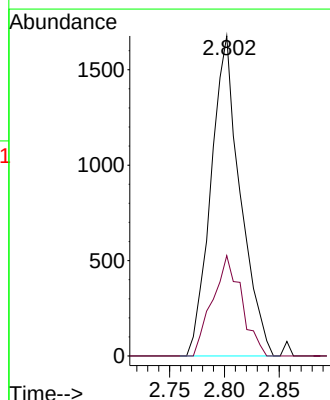
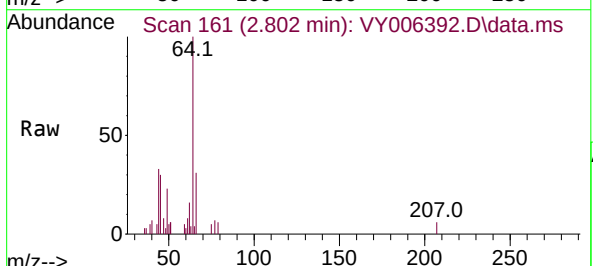
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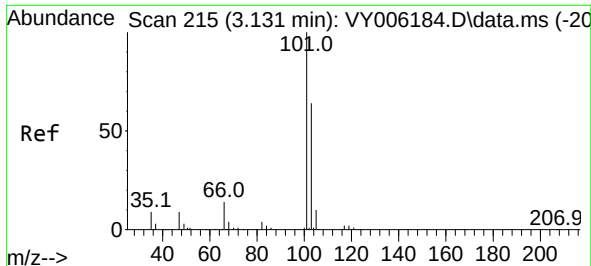
Tgt Ion: 94 Resp: 3861
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 2.947 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 64 Resp: 3124
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0

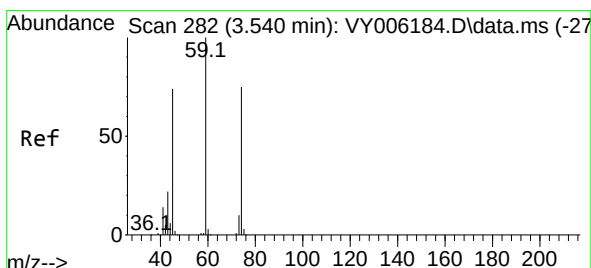
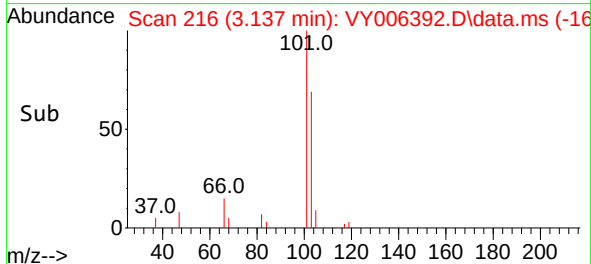
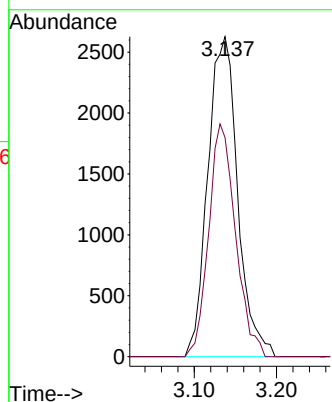
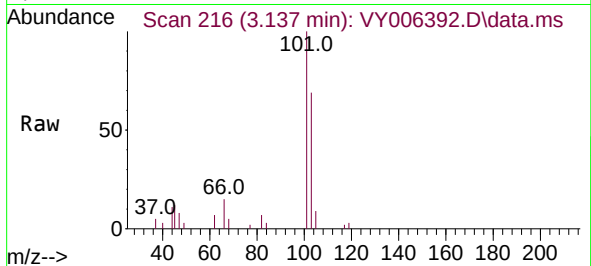




#7
Trichlorofluoromethane
Concen: 2.789 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

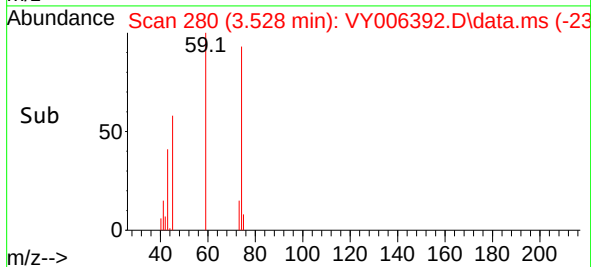
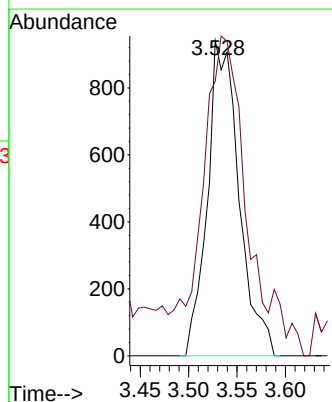
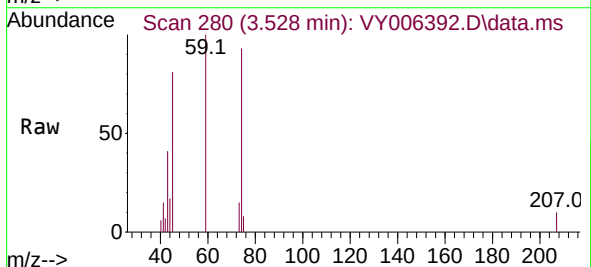
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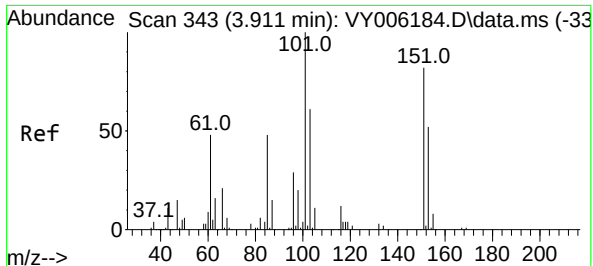
Tgt Ion:101 Resp: 6618
Ion Ratio Lower Upper
101 100
103 68.5 48.0 72.0



#8
Diethyl Ether
Concen: 2.731 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.012 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 74 Resp: 2140
Ion Ratio Lower Upper
74 100
45 97.7 55.1 165.5

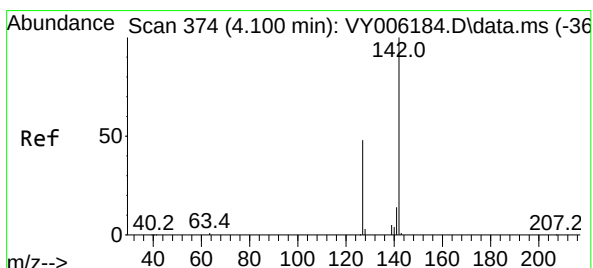
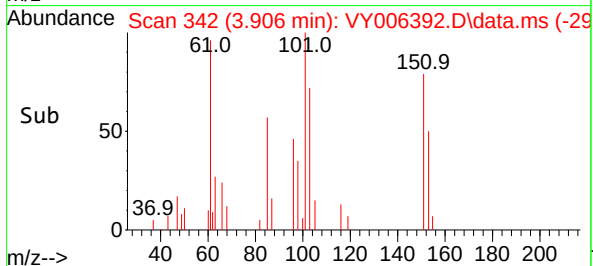
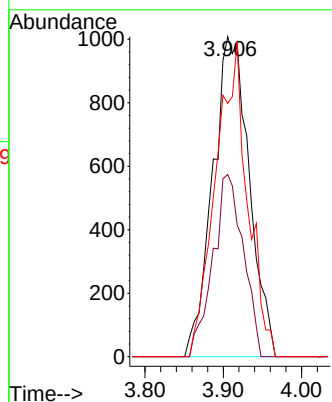
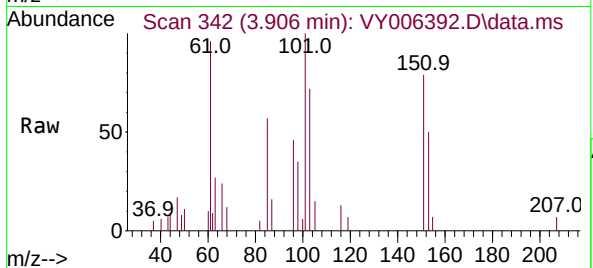




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.574 ug/l
RT: 3.906 min Scan# 342
Delta R.T. -0.005 min
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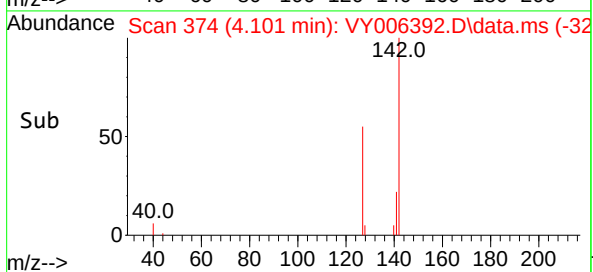
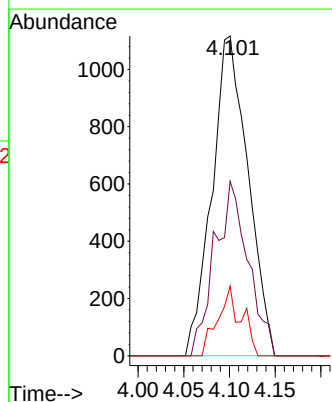
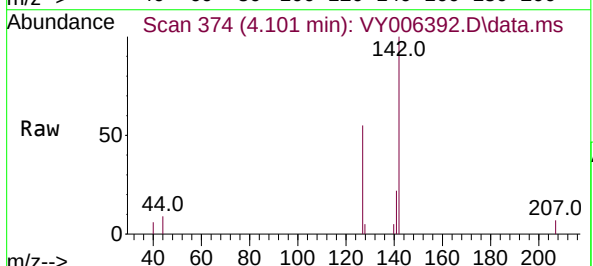
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

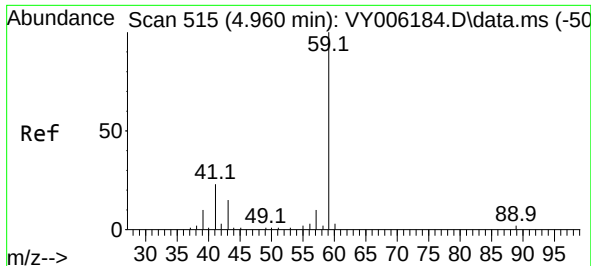
Tgt Ion:101 Resp: 3260
Ion Ratio Lower Upper
101 100
85 47.5 40.6 60.8
151 86.1 64.9 97.3



#10
Methyl Iodide
Concen: 2.217 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.001 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

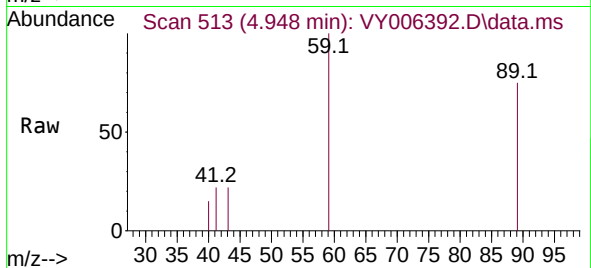
Tgt Ion:142 Resp: 3060
Ion Ratio Lower Upper
142 100
127 50.7 41.5 62.3
141 14.2 11.9 17.9



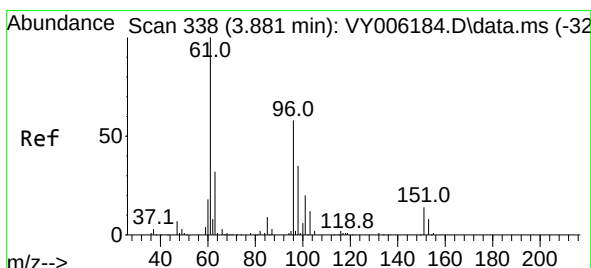
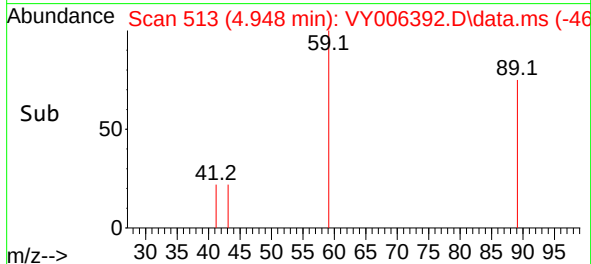
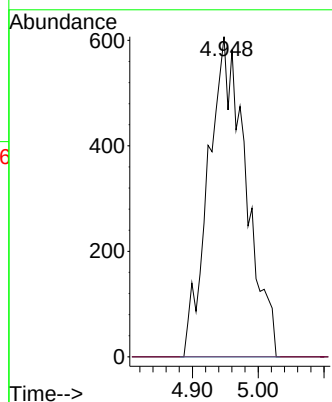


#11
Tert butyl alcohol
Concen: 18.733 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

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

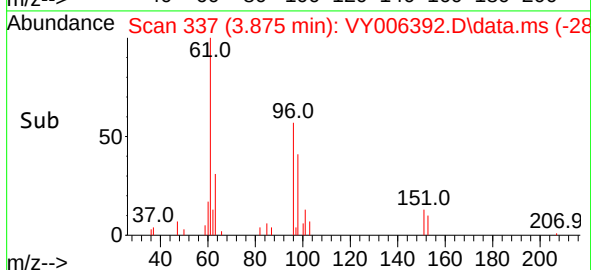
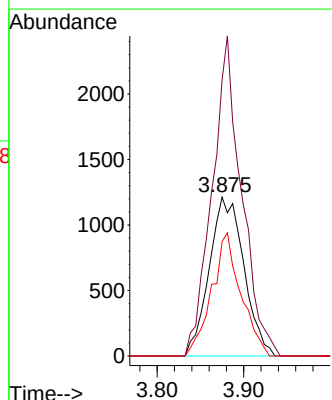
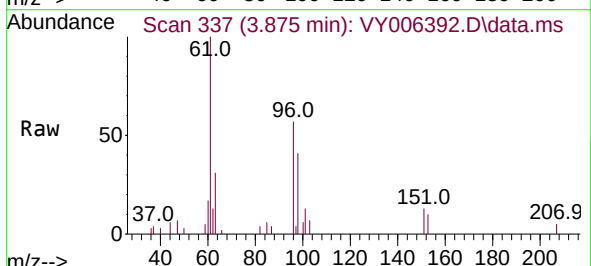


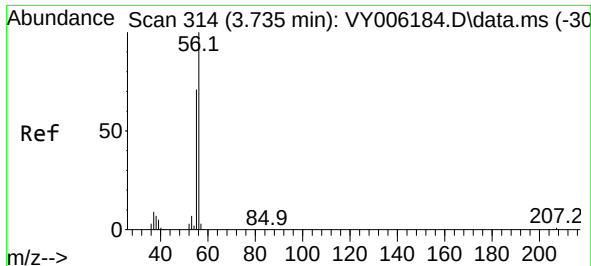
Tgt Ion: 59 Resp: 2413
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 2.613 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 96 Resp: 3367
Ion Ratio Lower Upper
96 100
61 174.1 145.8 218.6
98 72.0 52.5 78.7

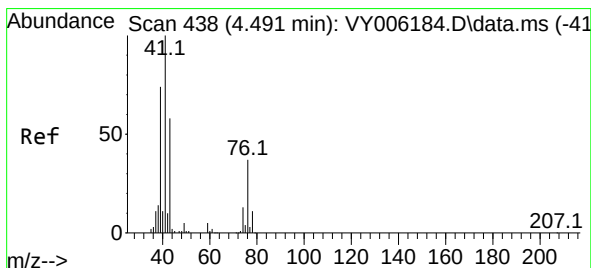
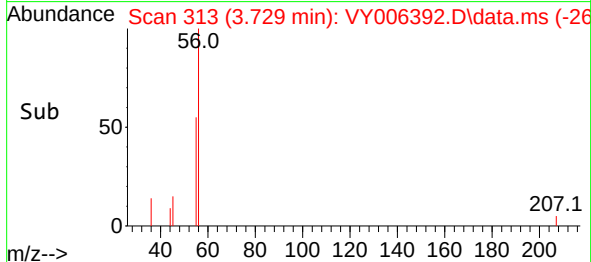
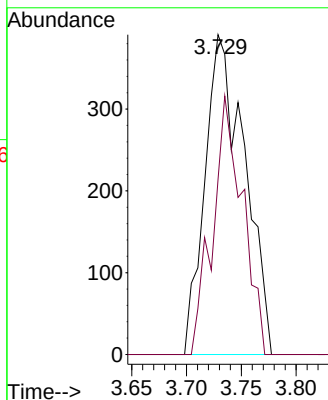
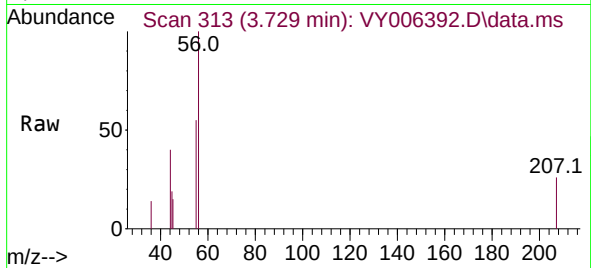




#13
Acrolein
Concen: 11.984 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

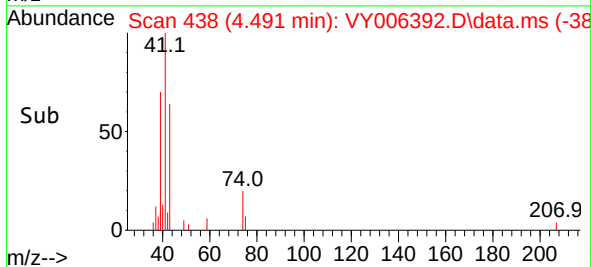
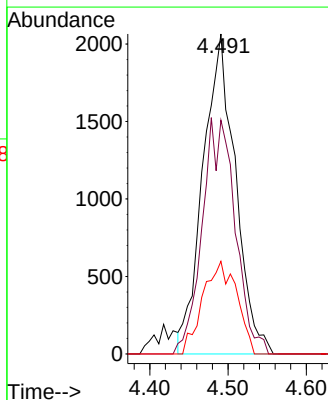
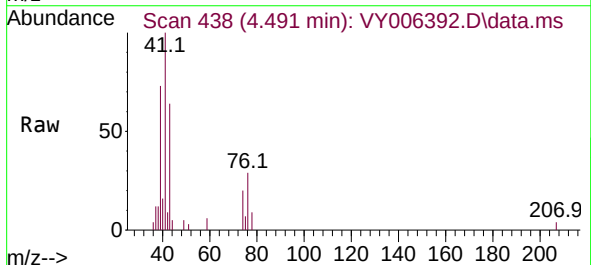
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

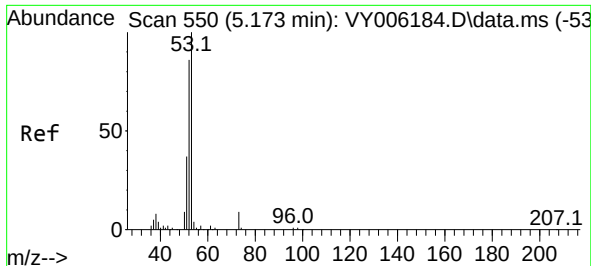
Tgt Ion: 56 Resp: 983
Ion Ratio Lower Upper
56 100
55 61.1 57.6 86.4



#14
Allyl chloride
Concen: 2.394 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 41 Resp: 5932
Ion Ratio Lower Upper
41 100
39 75.0 58.8 88.2
76 30.3 25.1 37.7

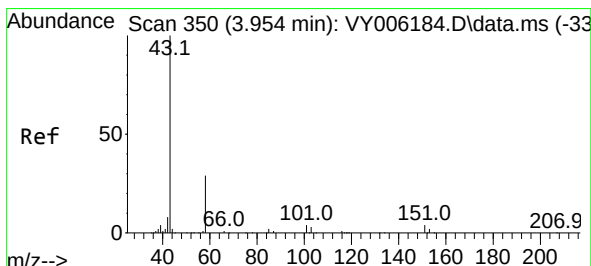
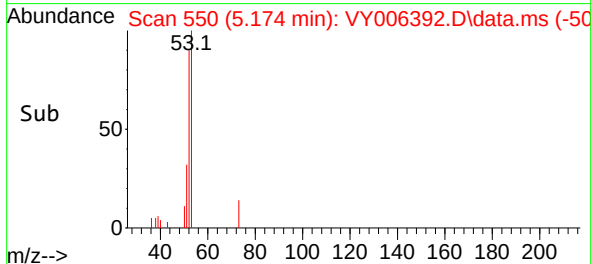
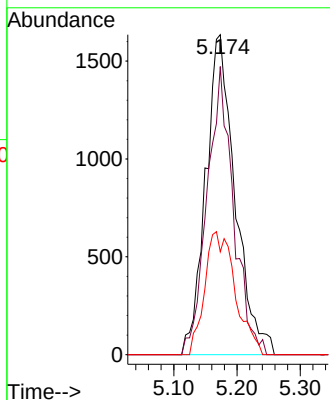
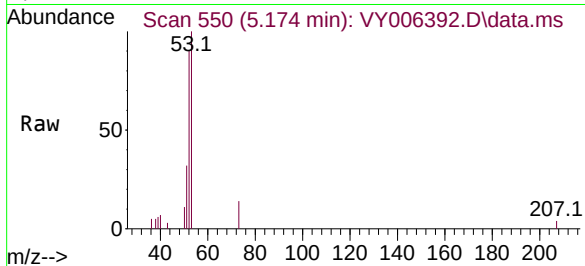




#15
Acrylonitrile
Concen: 12.838 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.001 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

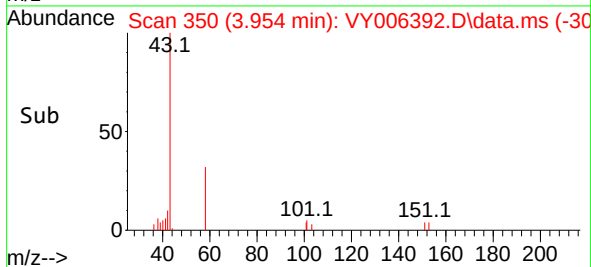
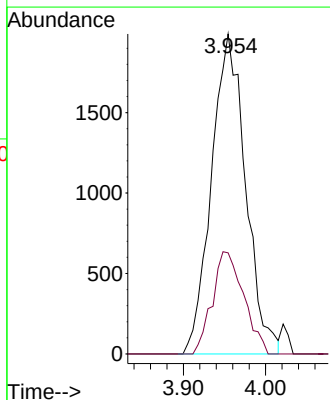
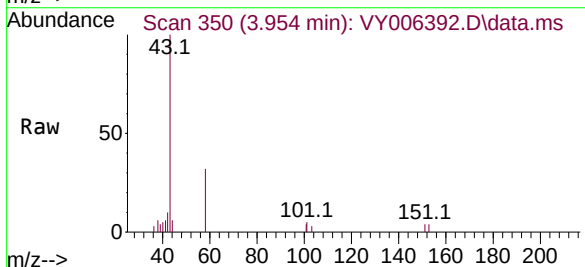
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

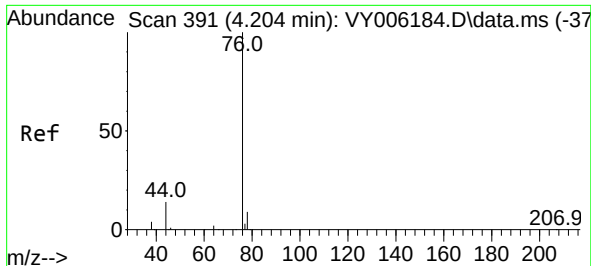
Tgt Ion: 53	Resp: 5292
Ion Ratio	Lower Upper
53	100
52	80.2 67.0 100.4
51	39.7 29.8 44.6



#16
Acetone
Concen: 13.945 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 43	Resp: 5735
Ion Ratio	Lower Upper
43	100
58	31.6 22.0 33.0

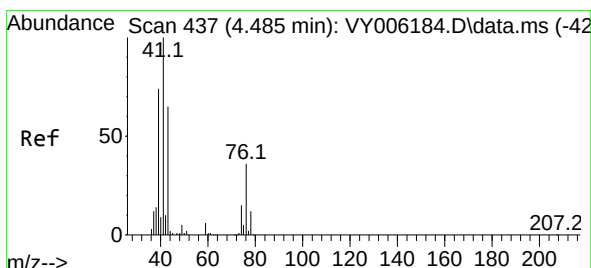
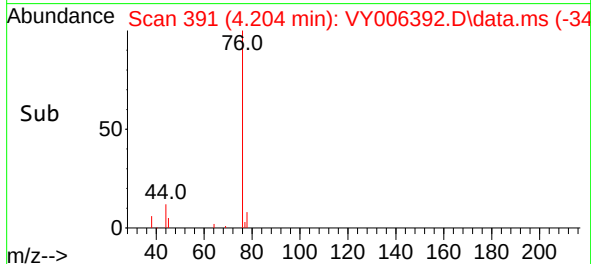
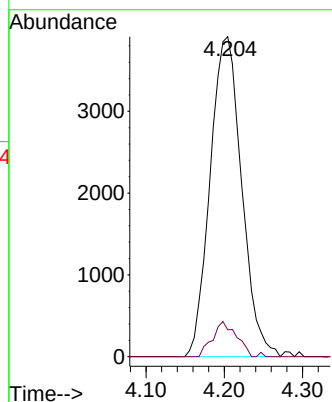
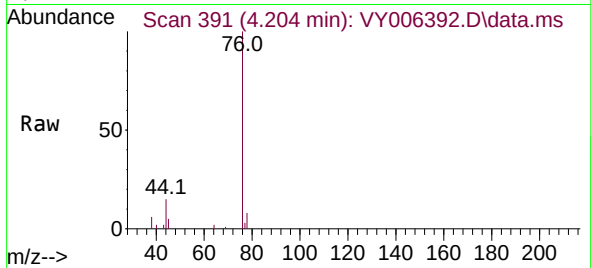




#17
Carbon Disulfide
Concen: 2.539 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

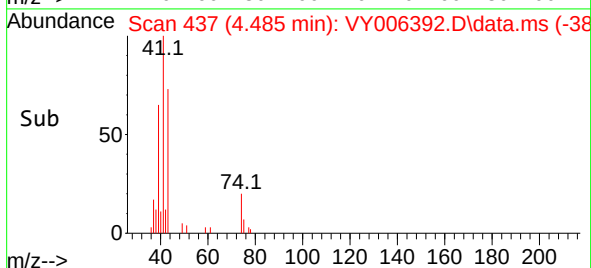
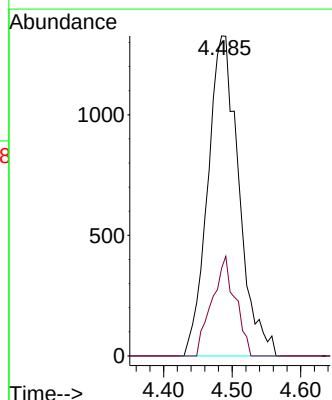
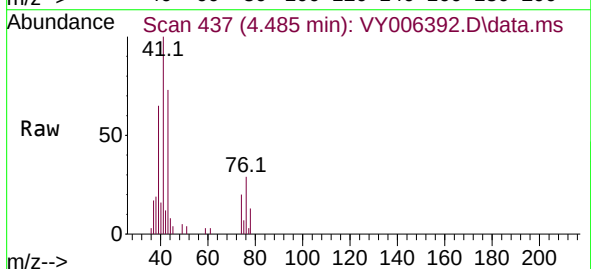
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

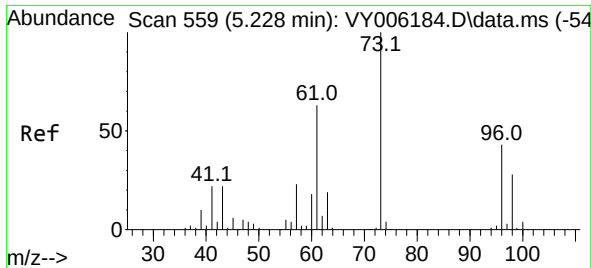
Tgt Ion: 76 Resp: 10941
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 3.013 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 43 Resp: 4178
Ion Ratio Lower Upper
43 100
74 23.3 16.6 24.8

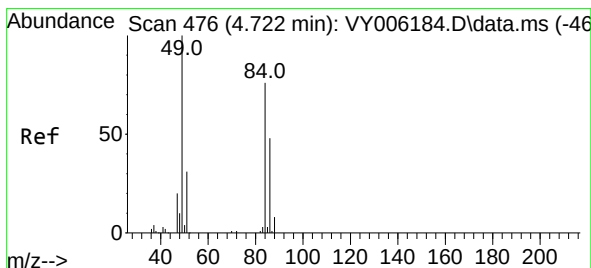
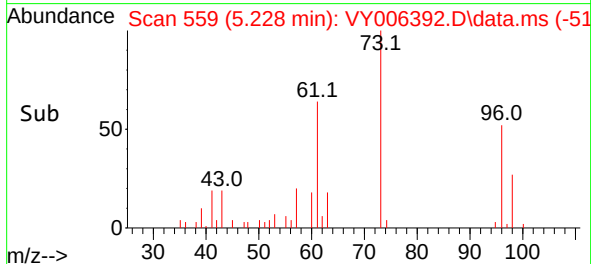
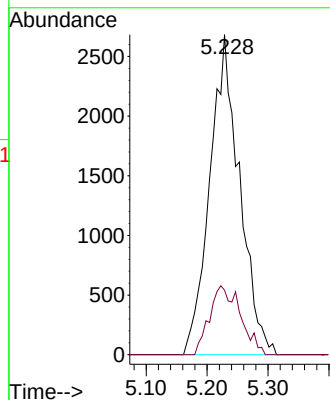
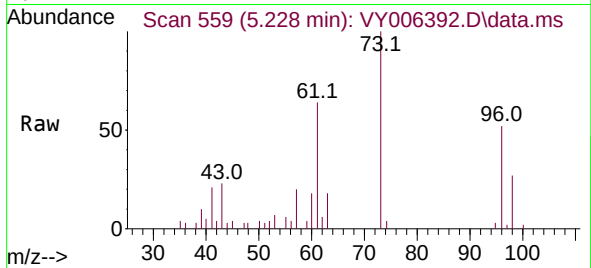




#19
Methyl tert-butyl Ether
Concen: 2.419 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

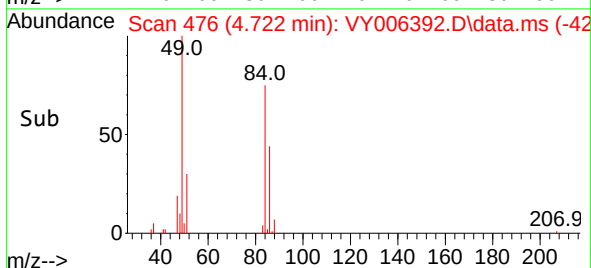
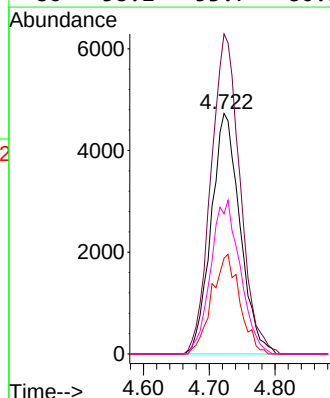
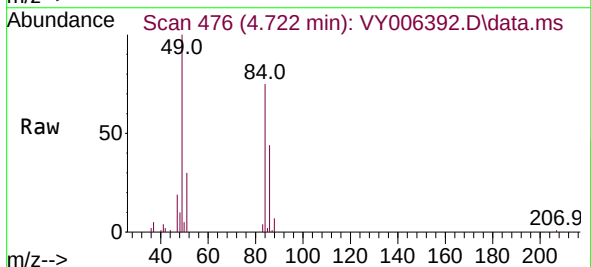
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

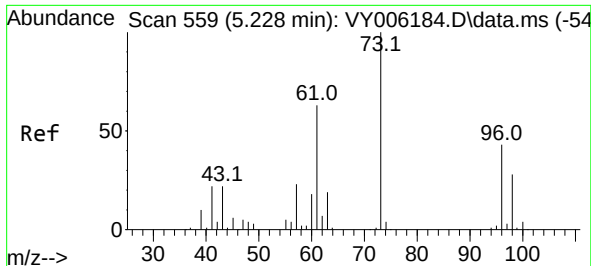
Tgt Ion: 73 Resp: 9103
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8



#20
Methylene Chloride
Concen: 9.007 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 84 Resp: 14417
Ion Ratio Lower Upper
84 100
49 133.1 114.4 171.6
51 39.8 35.3 52.9
86 58.2 53.7 80.5



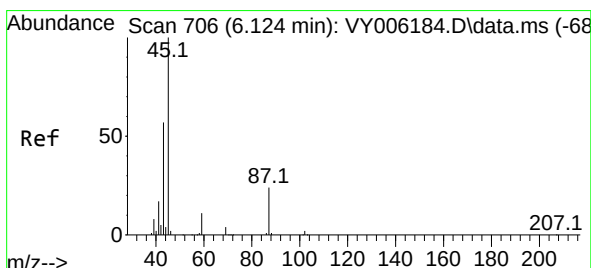
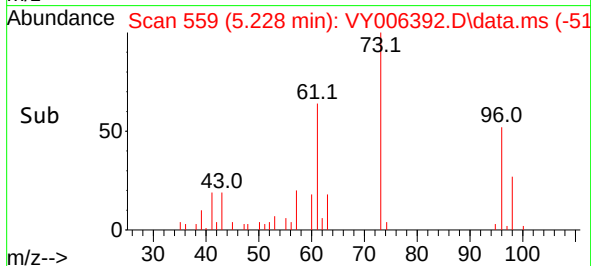
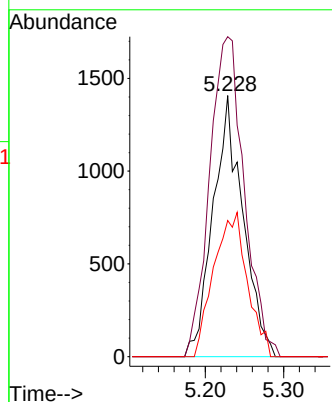
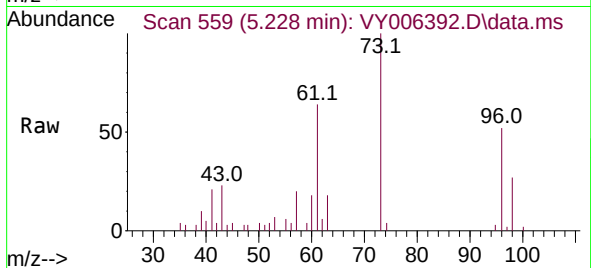


#21

trans-1,2-Dichloroethene
Concen: 2.621 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

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

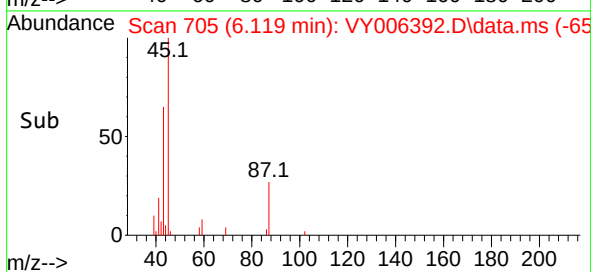
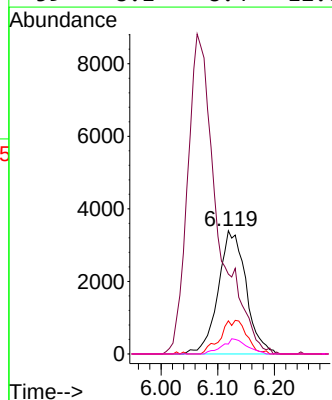
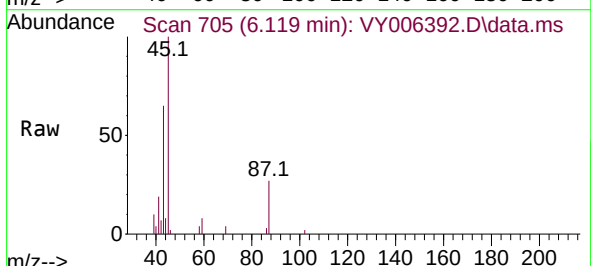
Tgt Ion:	96	Resp:	3744
Ion	Ratio	Lower	Upper
96	100		
61	122.5	120.5	180.7
98	52.1	49.8	74.8

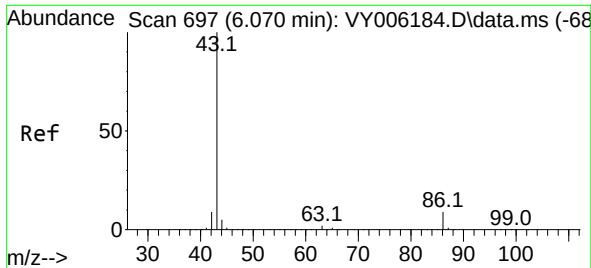


#22

Diisopropyl ether
Concen: 2.358 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	45	Resp:	11560
Ion	Ratio	Lower	Upper
45	100		
43	64.8	49.3	73.9
87	26.9	19.2	28.8
59	8.1	8.4	12.6

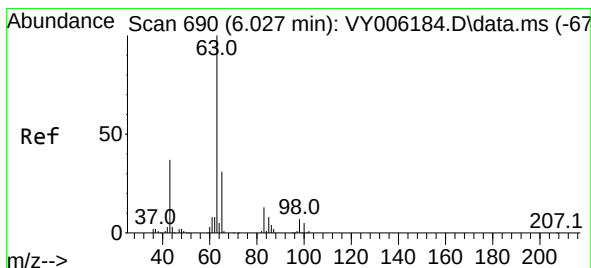
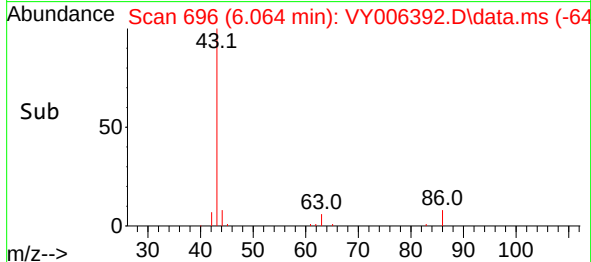
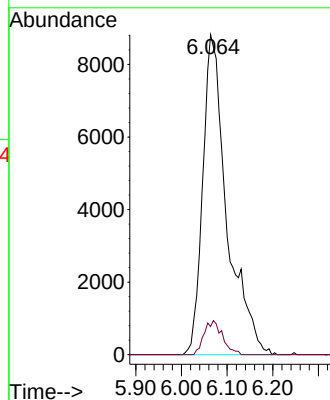
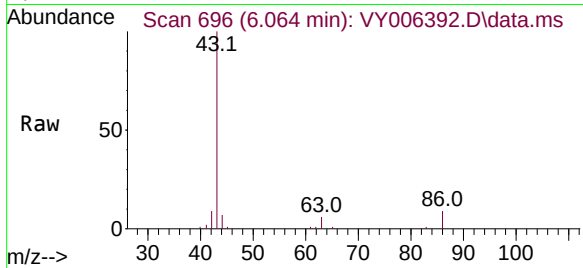




#23
 Vinyl Acetate
 Concen: 11.010 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY006392.D
 Acq: 14 Oct 2021 12:55

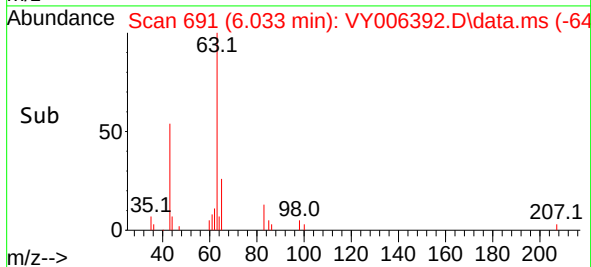
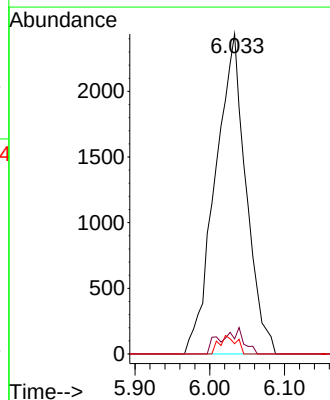
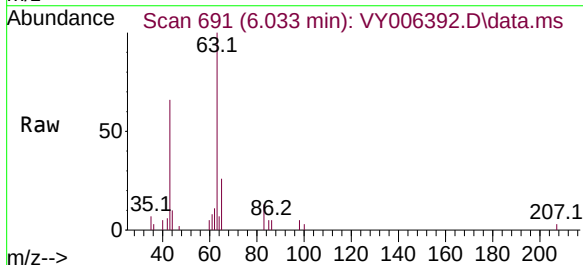
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

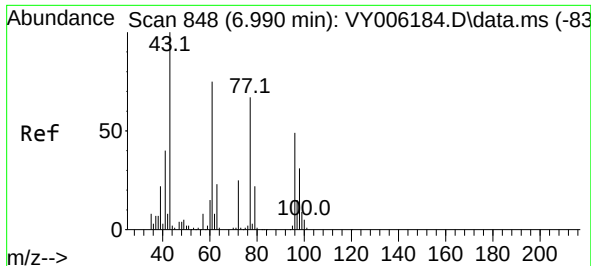
Tgt Ion: 43 Resp: 32352
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 2.646 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY006392.D
 Acq: 14 Oct 2021 12:55

Tgt Ion: 63 Resp: 6964
 Ion Ratio Lower Upper
 63 100
 98 4.7 3.6 10.8
 100 3.2 2.0 5.8





#25

2-Butanone

Concen: 11.730 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY006392.D

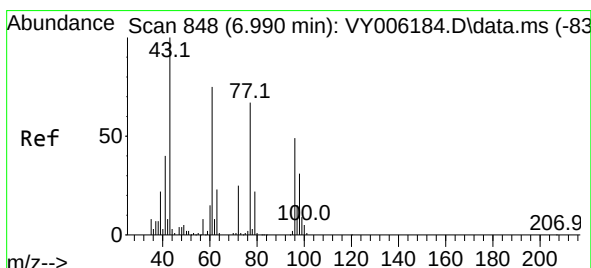
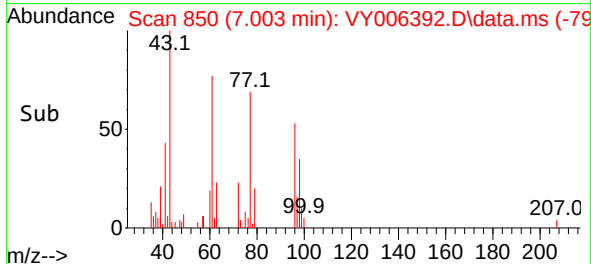
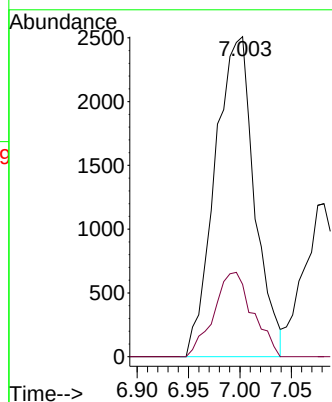
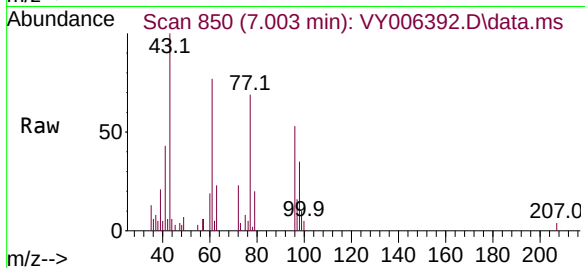
Acq: 14 Oct 2021 12:55

Tgt Ion: 43 Resp: 6720

Ion Ratio Lower Upper

43 100

72 22.6 17.7 26.5



#26

2,2-Dichloropropane

Concen: 2.562 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006392.D

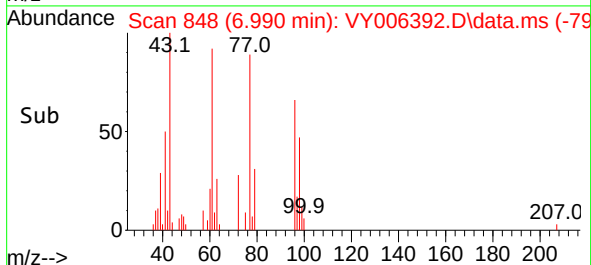
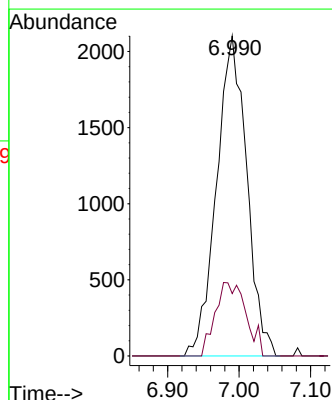
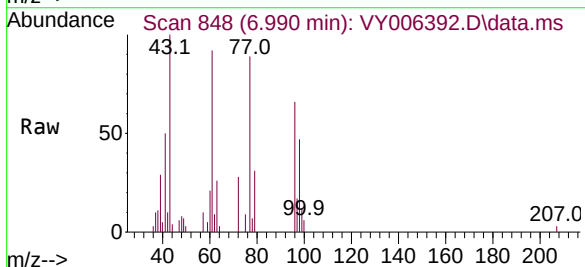
Acq: 14 Oct 2021 12:55

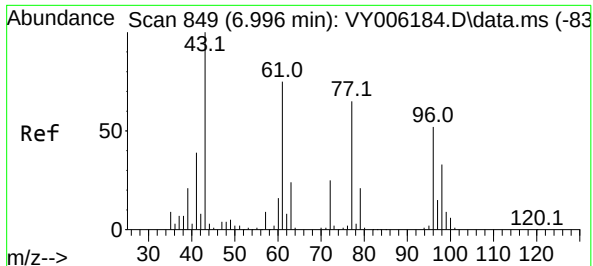
Tgt Ion: 77 Resp: 6167

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.641 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

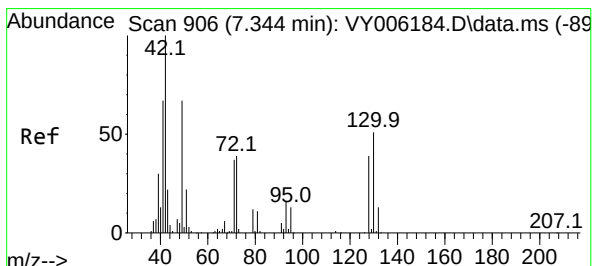
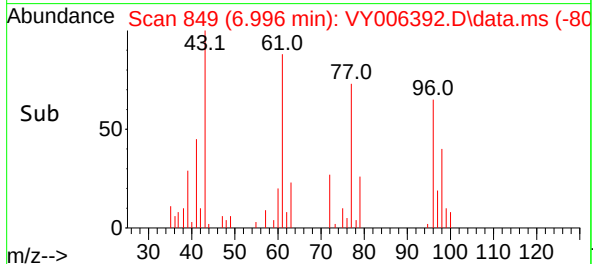
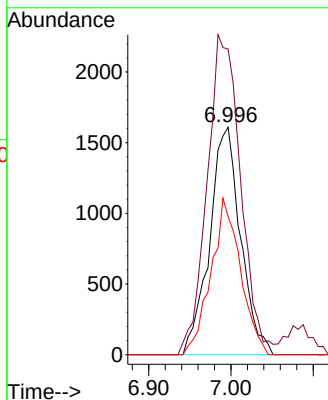
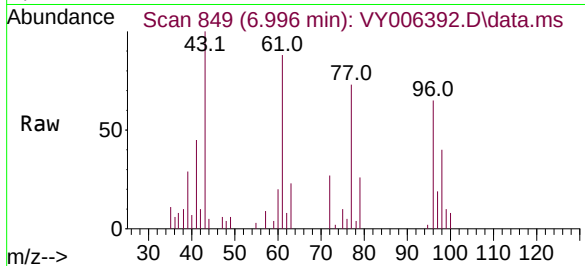
Tgt Ion: 96 Resp: 4225

Ion Ratio Lower Upper

96 100

61 151.6 0.0 319.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 2.722 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

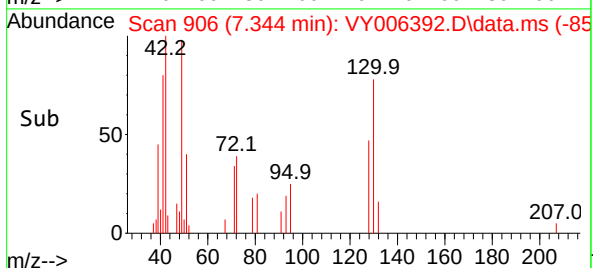
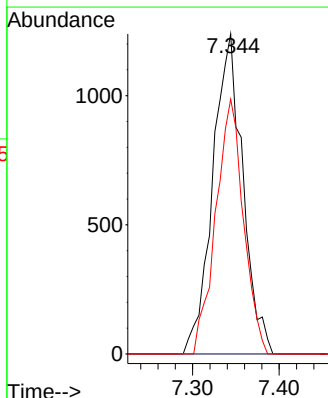
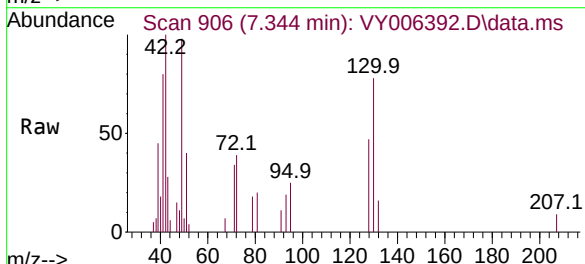
Tgt Ion: 49 Resp: 2983

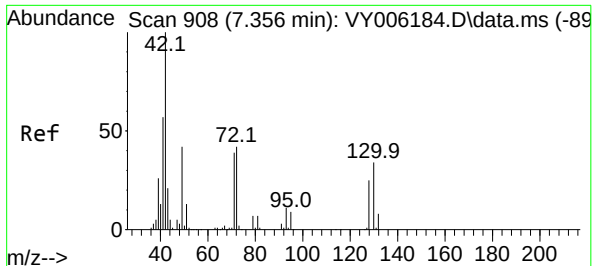
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 73.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 11.612 ug/l

RT: 7.356 min Scan# 908

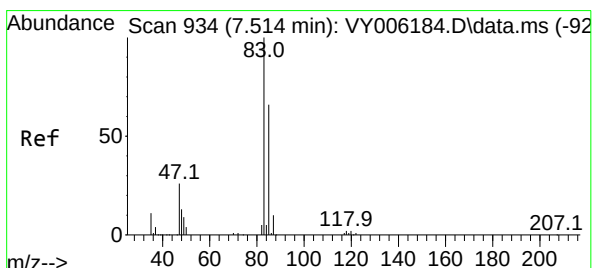
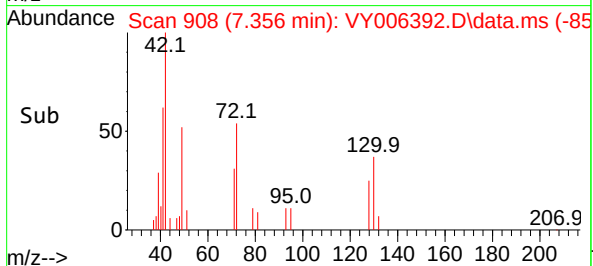
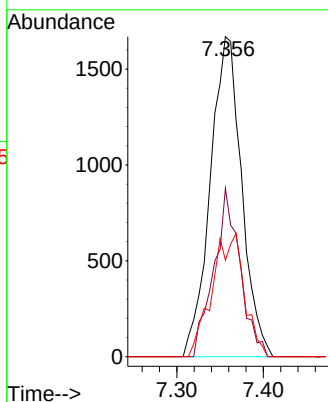
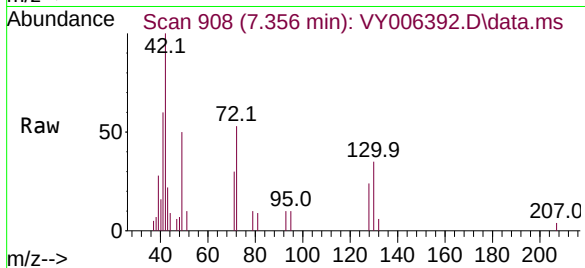
Delta R.T. 0.000 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Tgt Ion:	42	Resp:	4202
Ion	Ratio	Lower	Upper
42	100		
72	43.6	30.3	45.5
71	39.5	29.0	43.4

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



#30

Chloroform

Concen: 2.688 ug/l

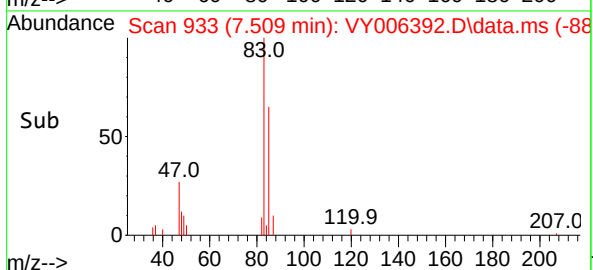
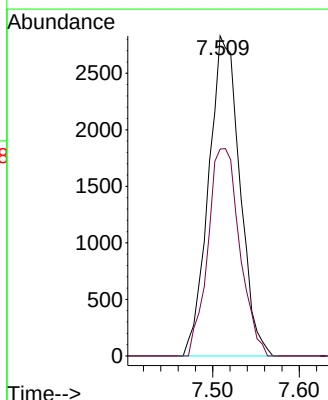
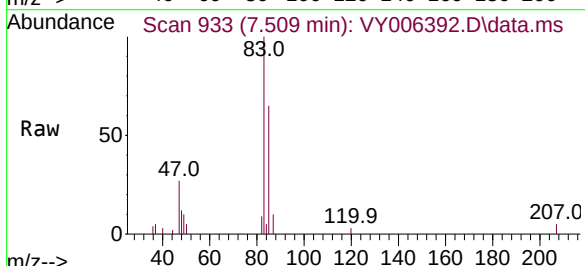
RT: 7.509 min Scan# 933

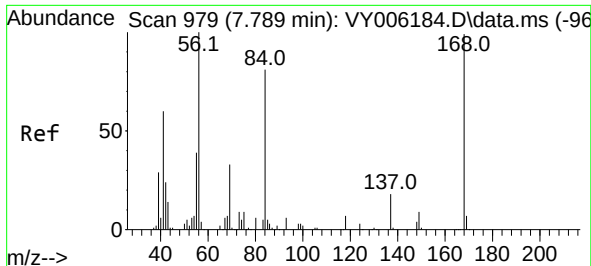
Delta R.T. -0.006 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Tgt Ion:	83	Resp:	7058
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6

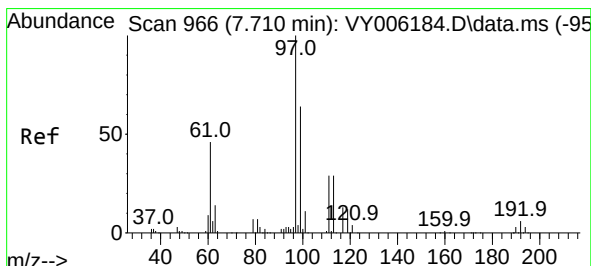
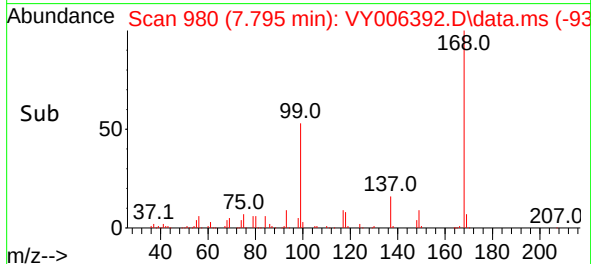
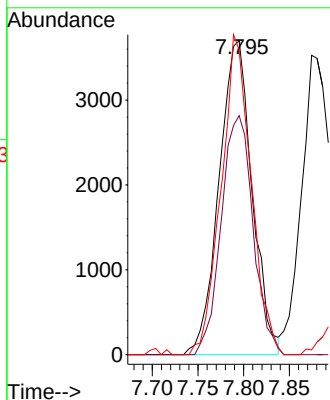
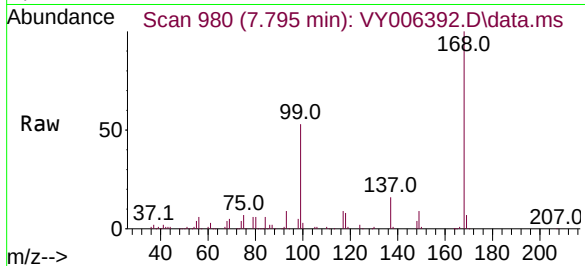




#31
Cyclohexane
Concen: 3.335 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

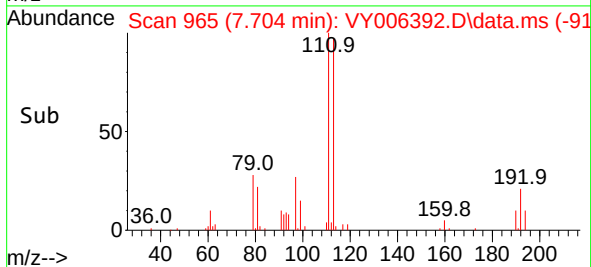
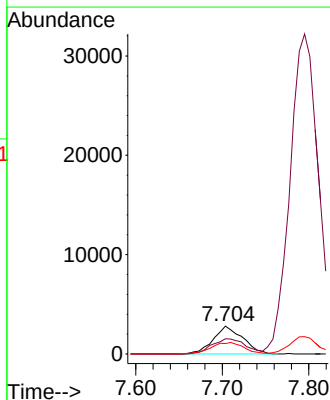
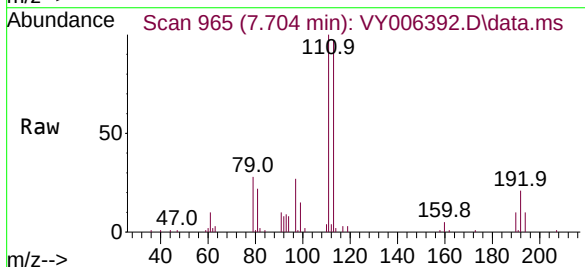
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

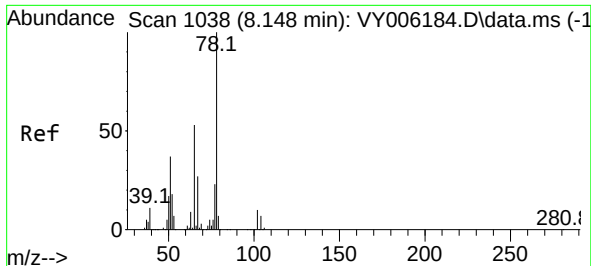
Tgt Ion: 56 Resp: 9305
Ion Ratio Lower Upper
56 100
69 76.2 26.7 40.1#
84 97.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 2.719 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 97 Resp: 6591
Ion Ratio Lower Upper
97 100
99 62.9 50.7 76.1
61 46.3 37.6 56.4

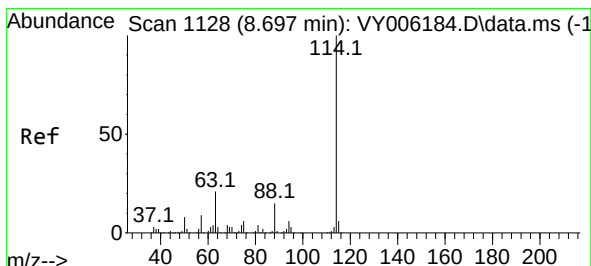
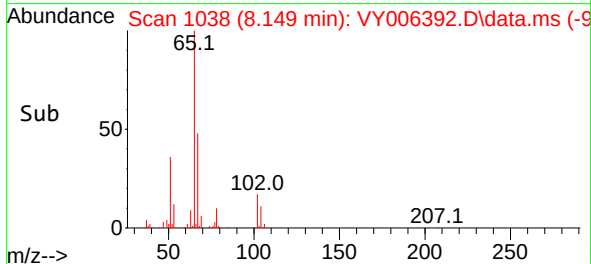
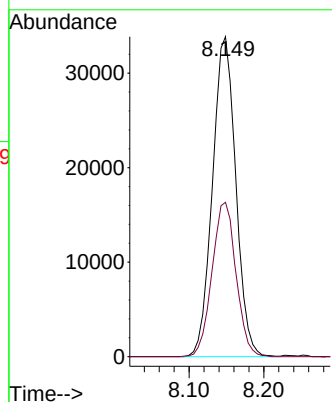
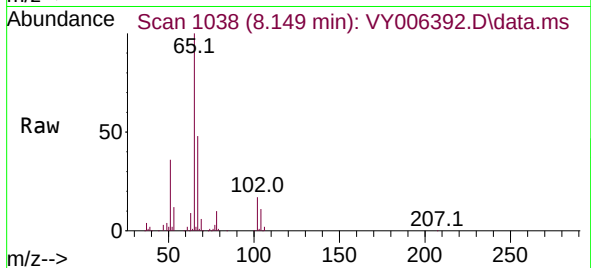




#33
1,2-Dichloroethane-d4
Concen: 49.850 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

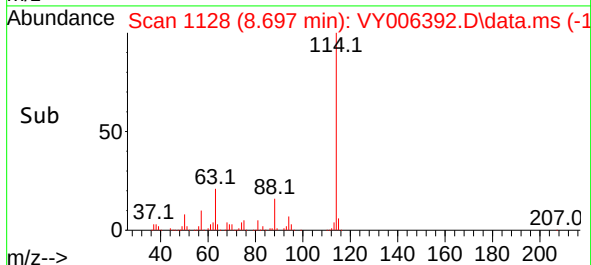
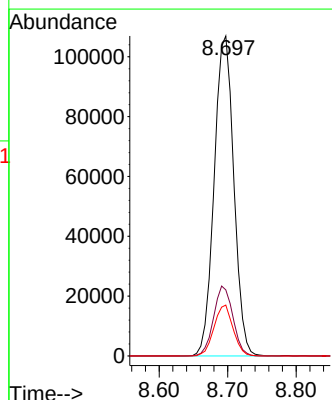
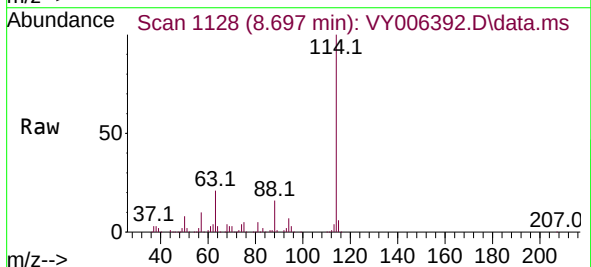
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

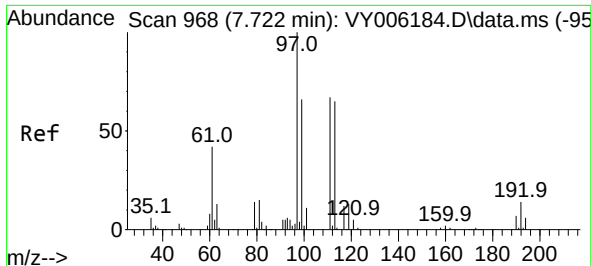
Tgt Ion: 65 Resp: 73405
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 114 Resp: 212475
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.9 0.0 31.8

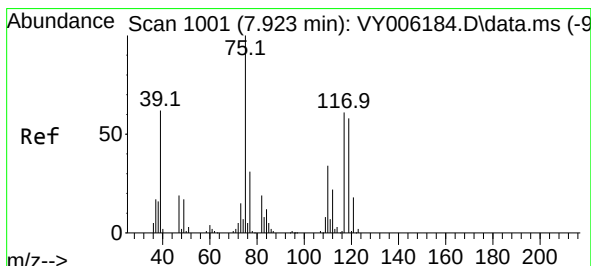
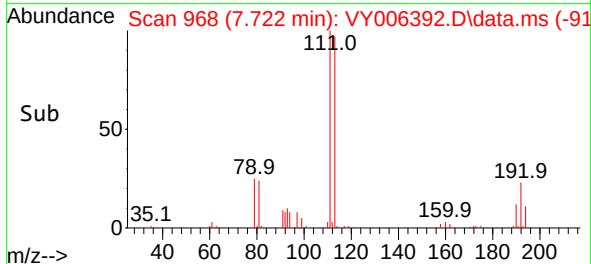
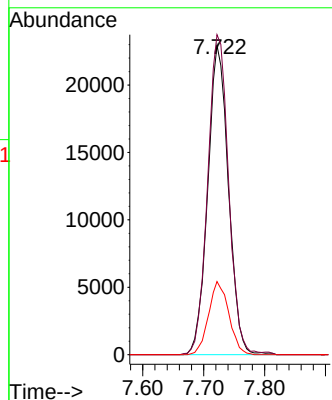
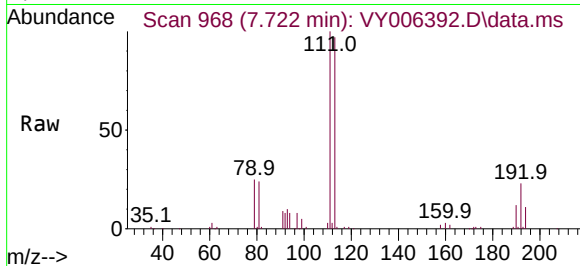




#35
Dibromofluoromethane
Concen: 47.766 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

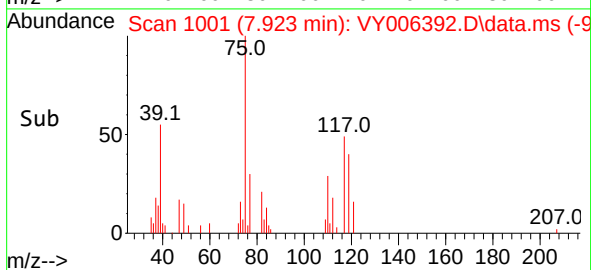
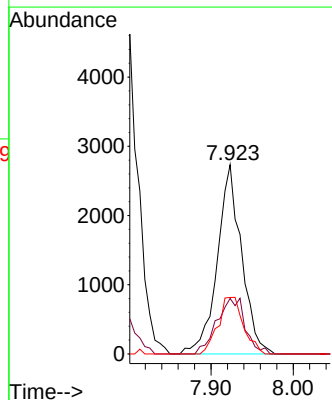
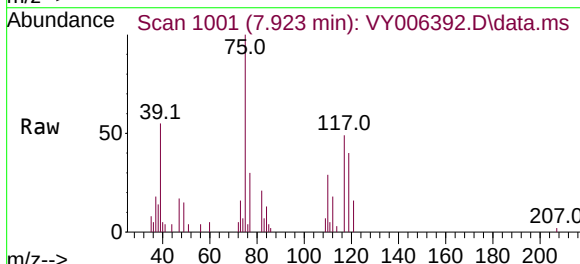
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

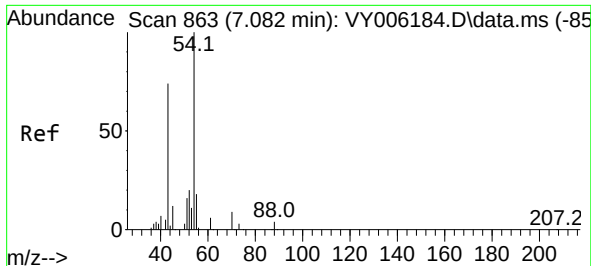
Tgt Ion:	113	Resp:	54222
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	23.1	17.6	26.4



#36
1,1-Dichloropropene
Concen: 2.659 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	75	Resp:	5622
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.1	51.2
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 2.654 ug/l

RT: 7.082 min Scan# 863

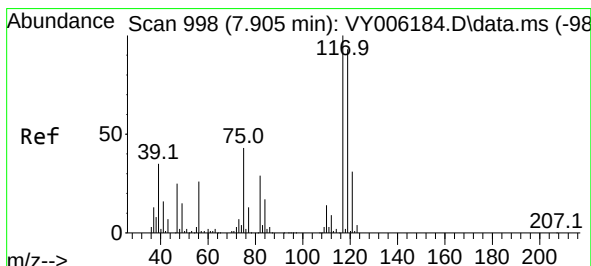
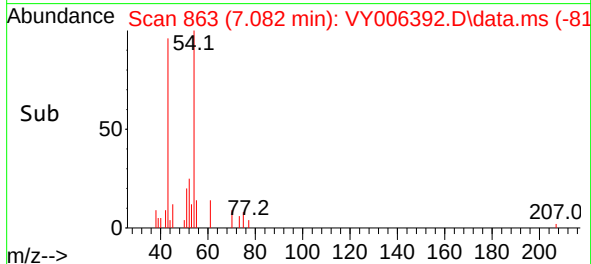
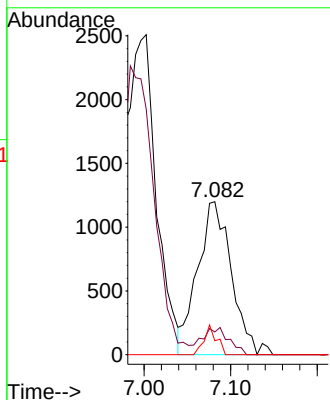
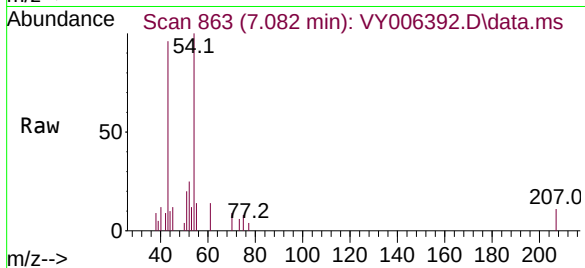
Delta R.T. 0.000 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Tgt Ion:	43	Resp:	3269
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	7.0	7.1	10.7#

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



#38

Carbon Tetrachloride

Concen: 2.776 ug/l

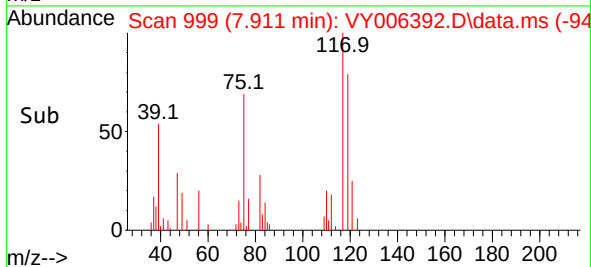
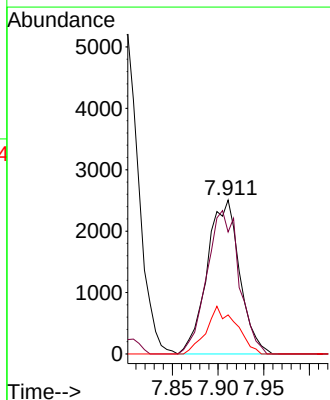
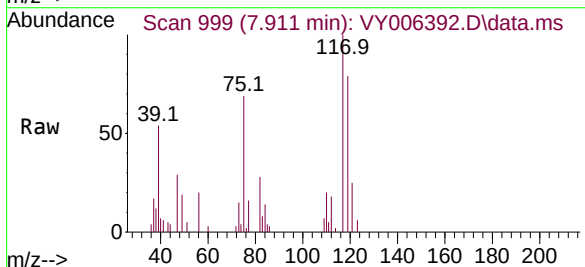
RT: 7.911 min Scan# 999

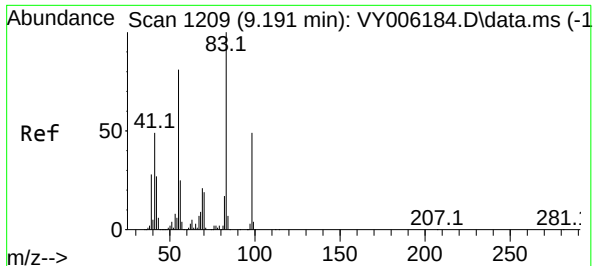
Delta R.T. 0.006 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Tgt Ion:	117	Resp:	6197
Ion	Ratio	Lower	Upper
117	100		
119	79.3	77.9	116.9
121	25.4	24.8	37.2

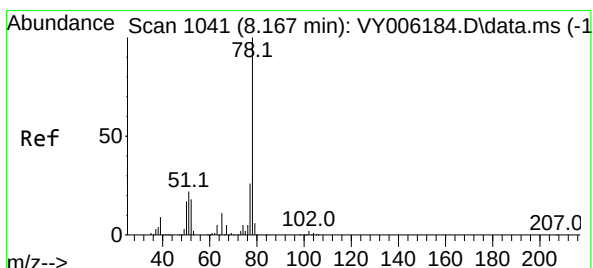
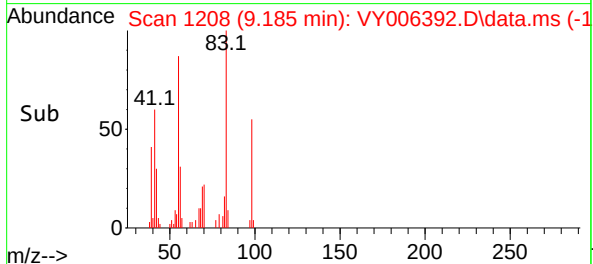
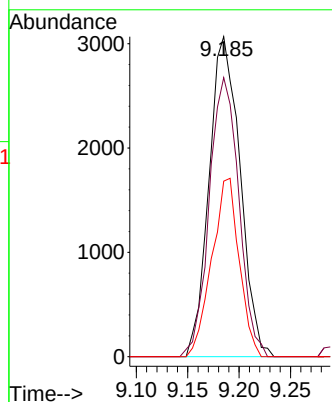
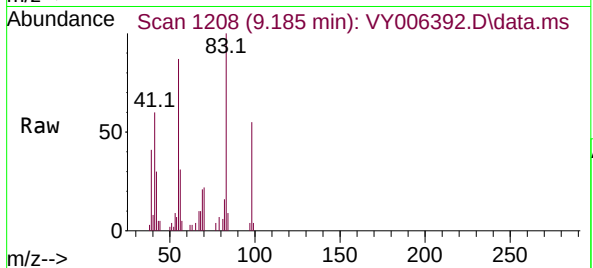




#39
Methylcyclohexane
Concen: 2.418 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

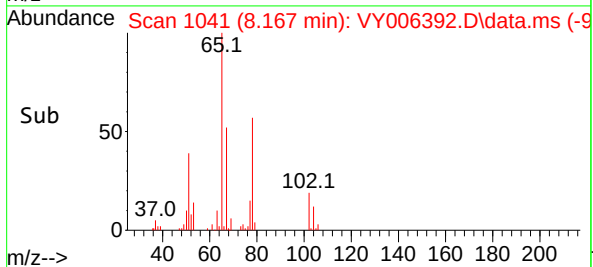
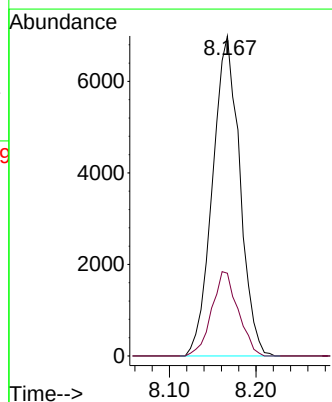
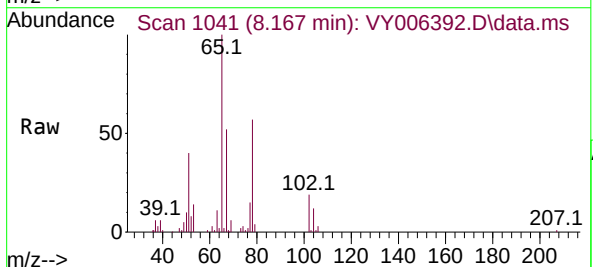
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

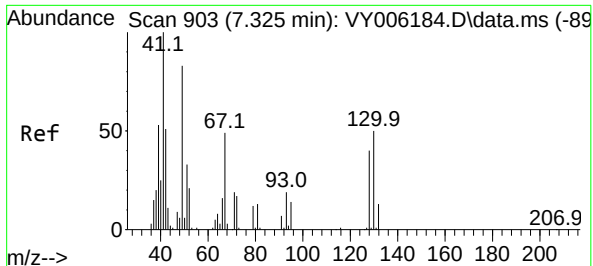
Tgt Ion: 83	Resp: 6420
Ion Ratio	Lower Upper
83 100	
55 87.2	66.5 99.7
98 54.9	37.9 56.9



#40
Benzene
Concen: 2.547 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 78	Resp: 15274
Ion Ratio	Lower Upper
78 100	
77 25.8	20.4 30.6

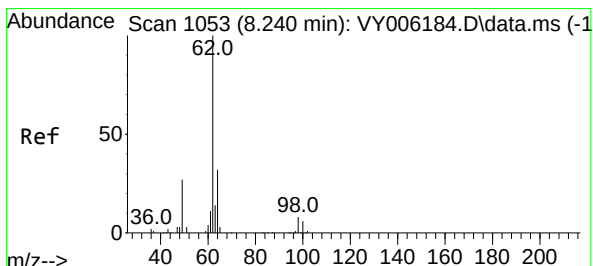
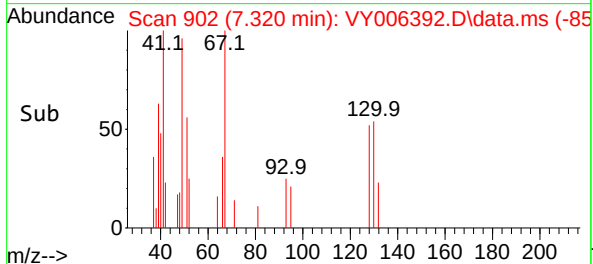
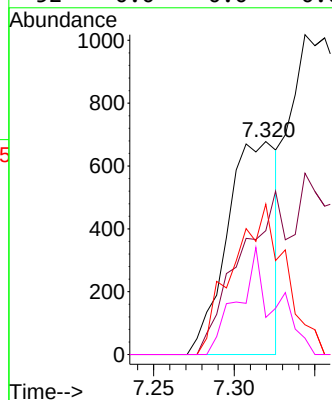
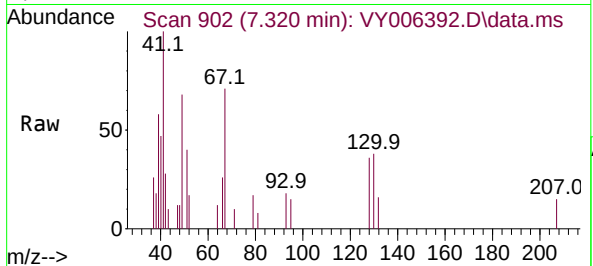




#41
Methacrylonitrile
Concen: 1.823 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

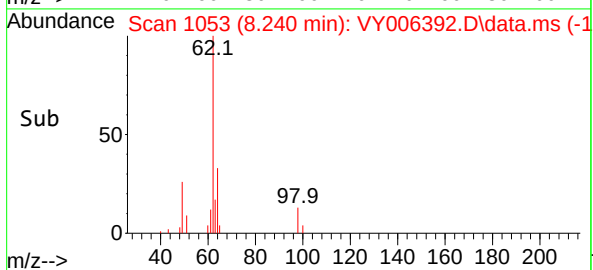
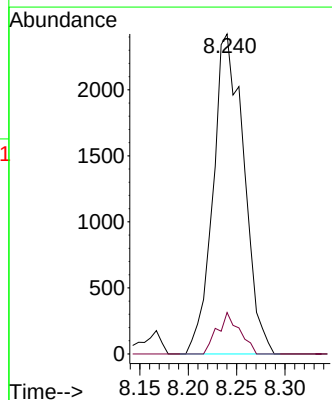
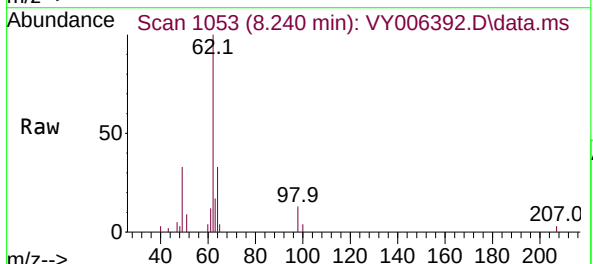
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

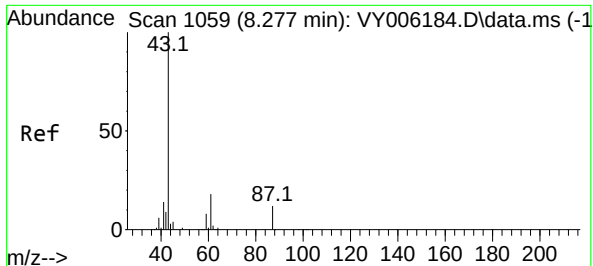
Tgt Ion:	41	Resp:	1456
Ion	Ratio	Lower	Upper
41	100		
39	73.8	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 2.765 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	62	Resp:	5343
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	14.8

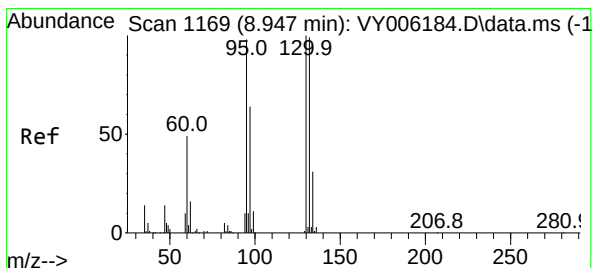
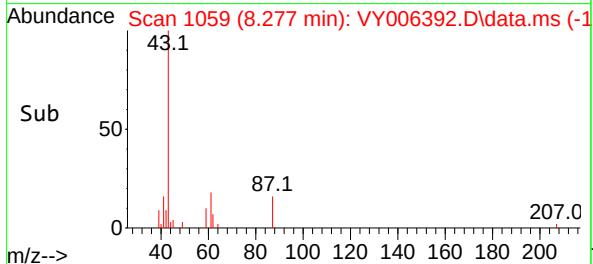
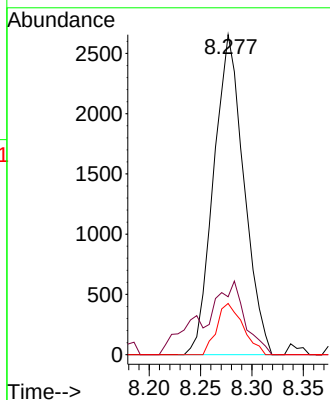
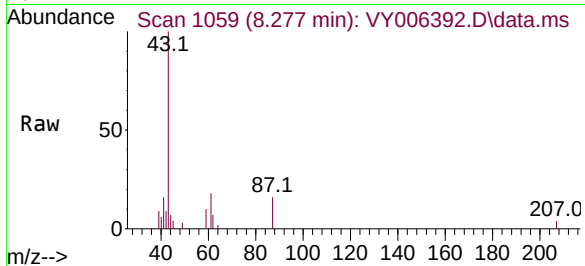




#43
Isopropyl Acetate
Concen: 2.300 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

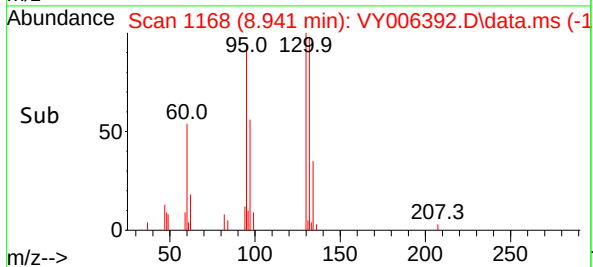
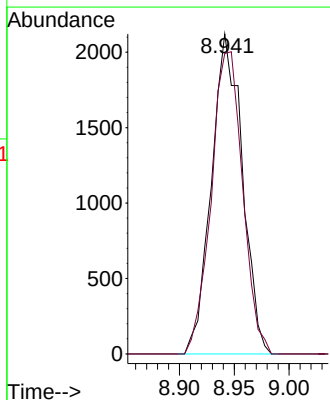
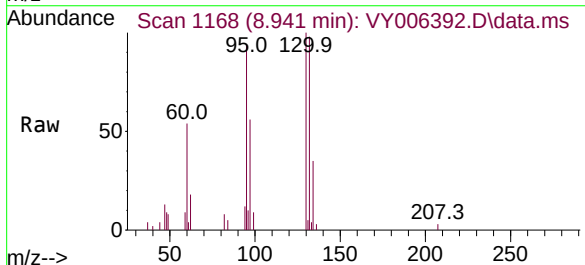
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

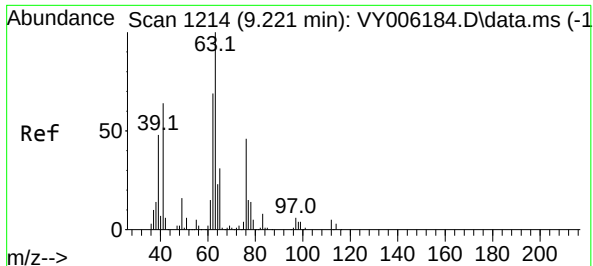
Tgt Ion: 43 Resp: 5433
Ion Ratio Lower Upper
43 100
61 22.3 20.2 30.2
87 13.9 8.9 13.3#



#44
Trichloroethene
Concen: 2.681 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:130 Resp: 4153
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.2



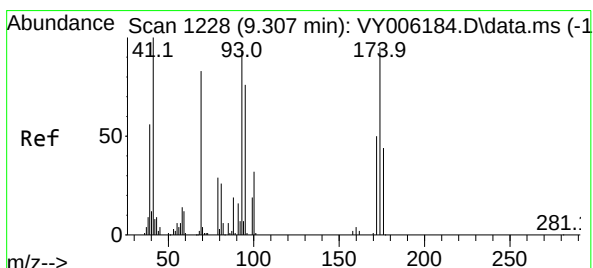
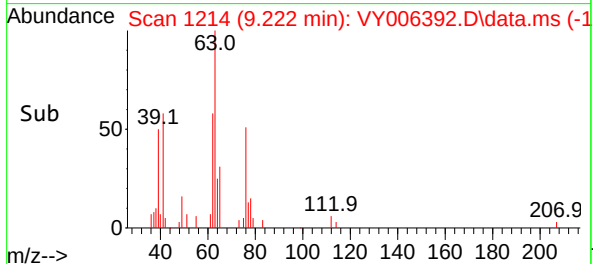
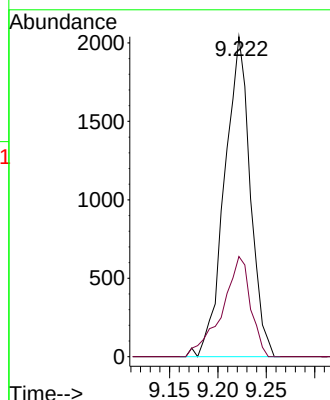
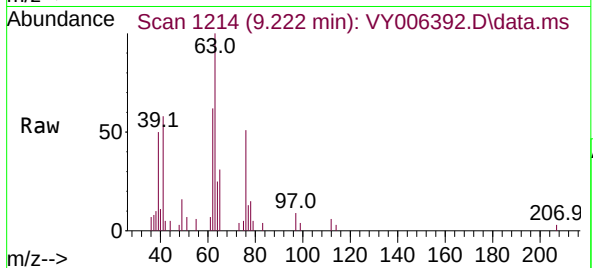


#45

1,2-Dichloropropane
Concen: 2.547 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

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

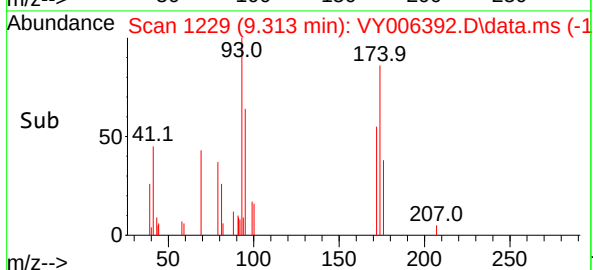
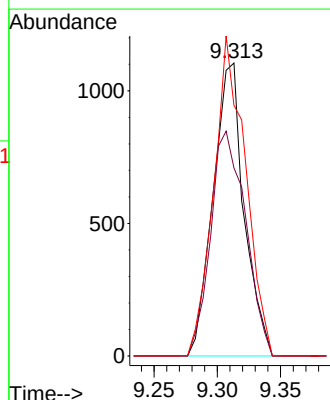
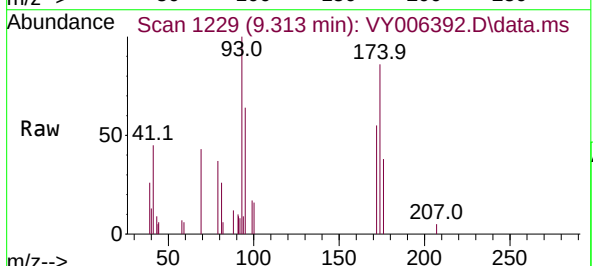
Tgt Ion: 63 Resp: 3761
Ion Ratio Lower Upper
63 100
65 31.3 23.0 34.6

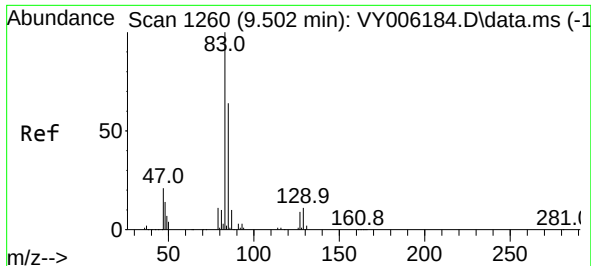


#46

Dibromomethane
Concen: 2.391 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 93 Resp: 1880
Ion Ratio Lower Upper
93 100
95 86.8 64.3 96.5
174 112.0 83.4 125.0

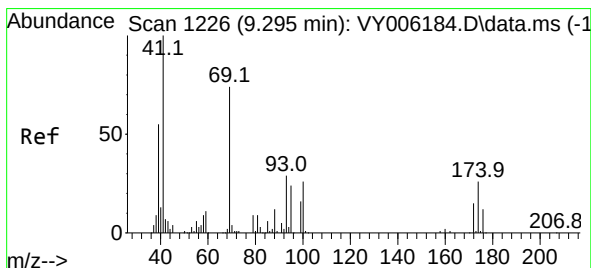
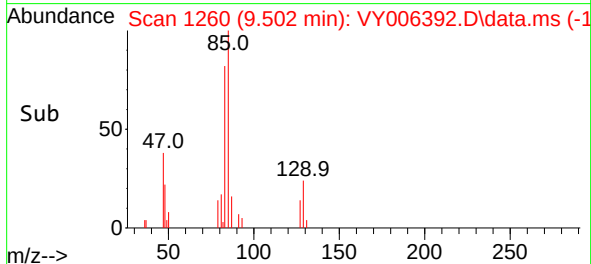
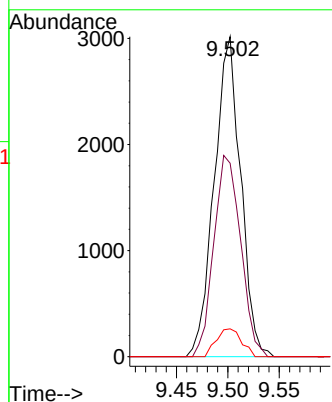
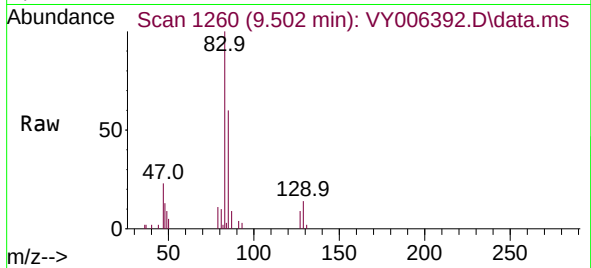




#47
Bromodichloromethane
Concen: 2.663 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

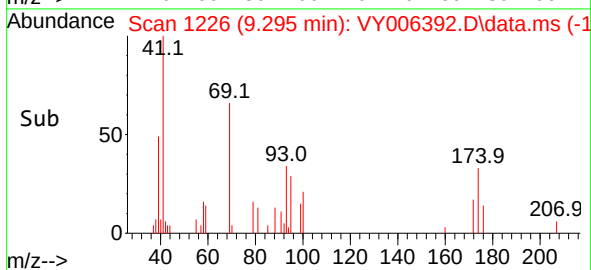
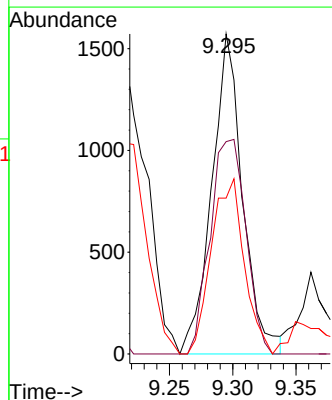
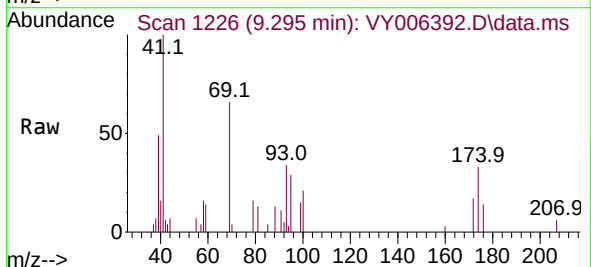
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

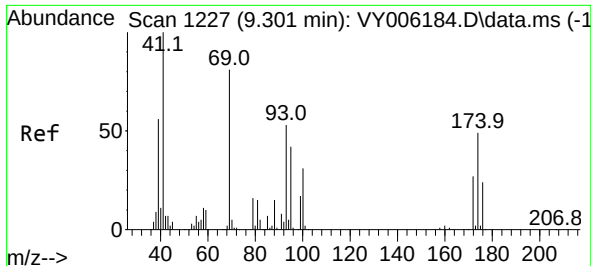
Tgt Ion: 83	Resp: 5390
Ion Ratio	Lower Upper
83 100	
85 60.4	51.9 77.9
127 8.7	6.6 10.0



#48
Methyl methacrylate
Concen: 2.352 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 41	Resp: 2665		
Ion Ratio	Lower	Upper	
41	100		
69	77.8	58.2	87.2
39	58.4	47.4	71.0

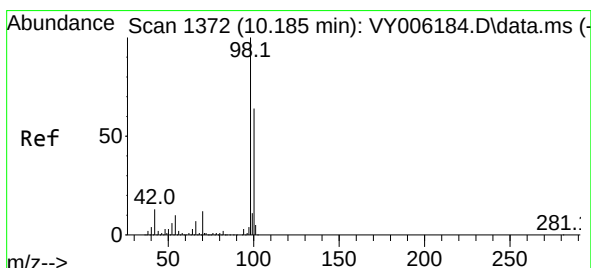
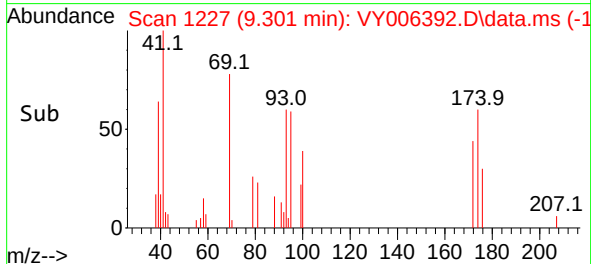
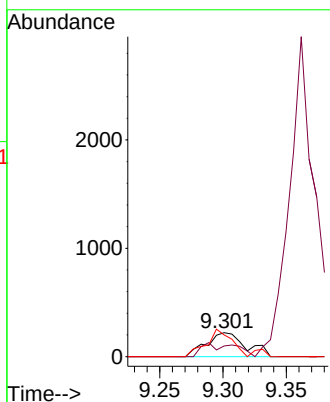
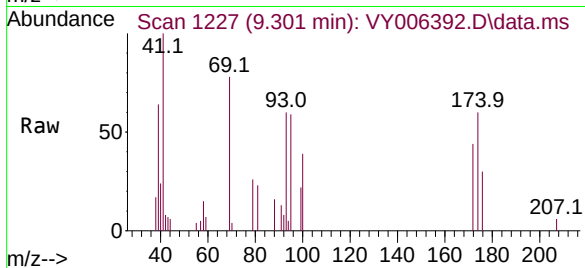




#49
1,4-Dioxane
Concen: 46.599 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

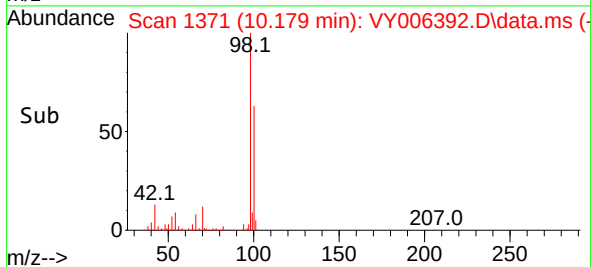
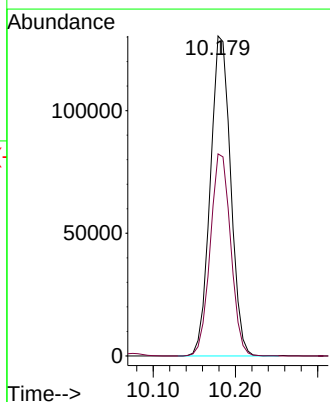
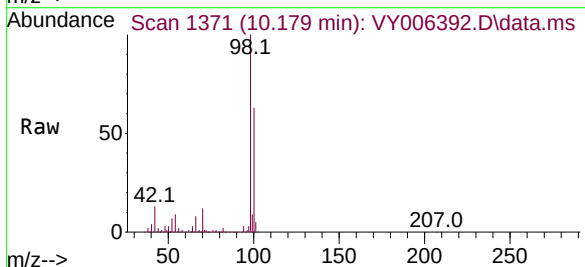
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

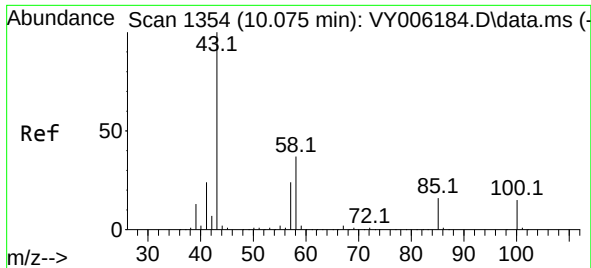
Tgt Ion: 88 Resp: 478
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 73.6 59.8 89.6



#50
Toluene-d8
Concen: 47.181 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 98 Resp: 224153
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

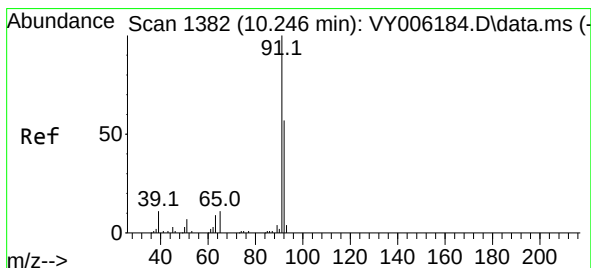
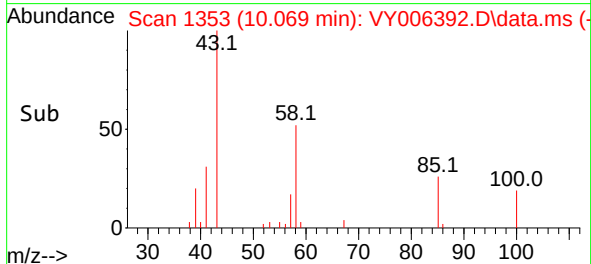
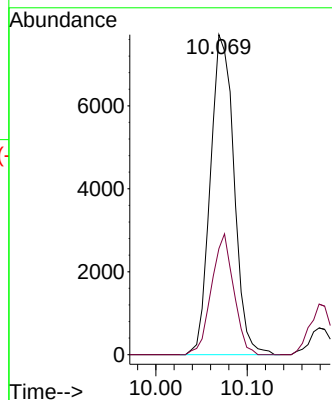
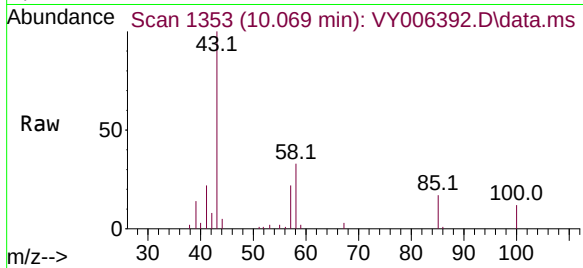




#51
4-Methyl-2-Pentanone
Concen: 11.294 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

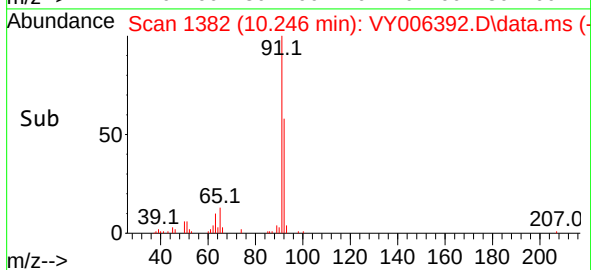
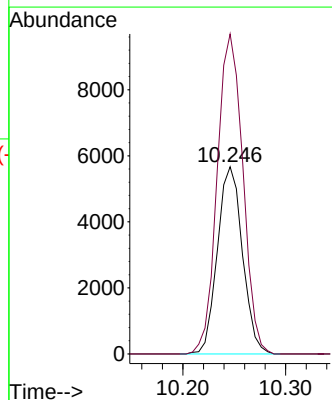
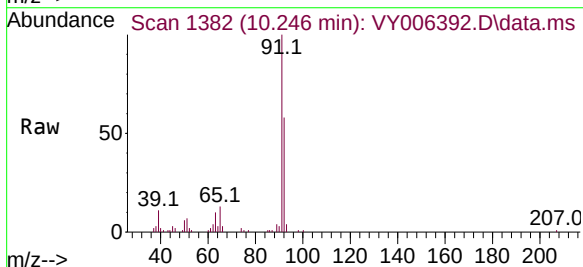
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

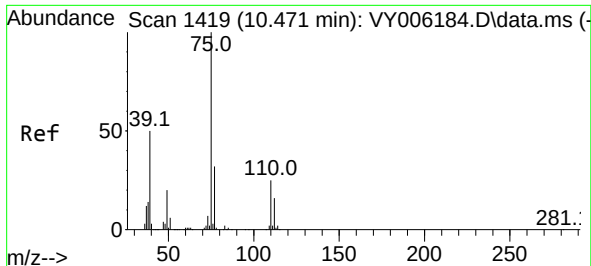
Tgt Ion: 43 Resp: 13851
Ion Ratio Lower Upper
43 100
58 35.5 28.1 42.1



#52
Toluene
Concen: 2.576 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 92 Resp: 9583
Ion Ratio Lower Upper
92 100
91 175.4 142.6 213.8

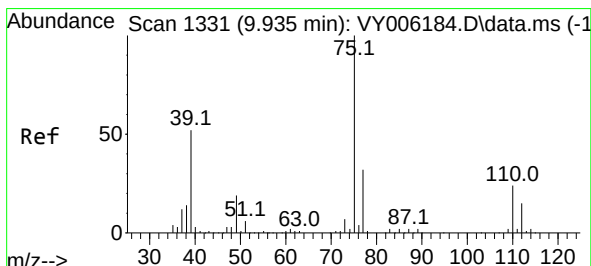
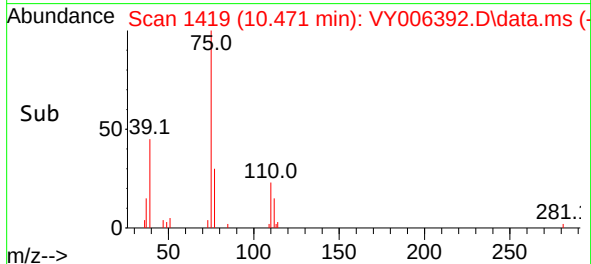
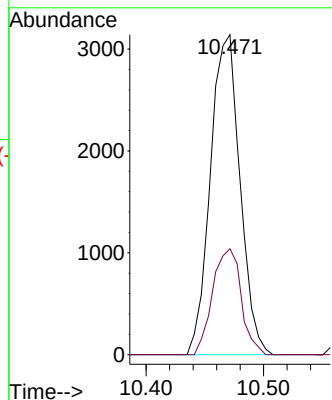
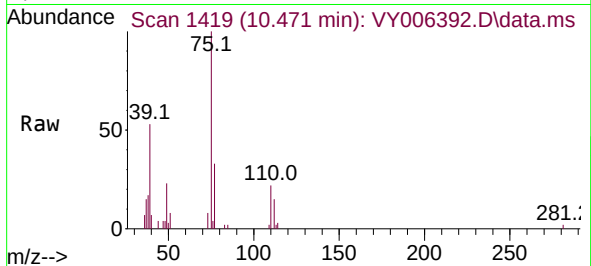




#53
t-1,3-Dichloropropene
Concen: 2.490 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

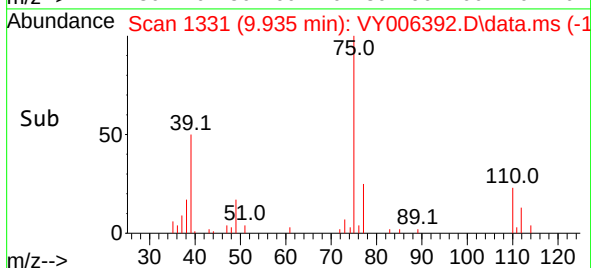
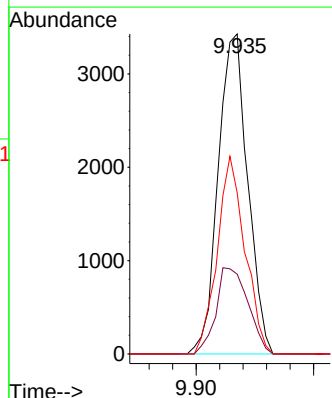
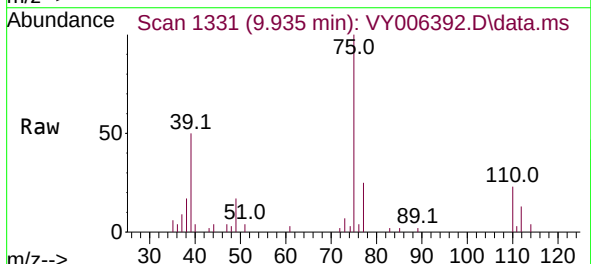
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

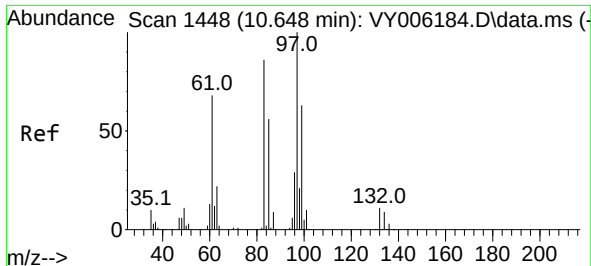
Tgt Ion: 75 Resp: 5495
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 2.465 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 75 Resp: 5981
Ion Ratio Lower Upper
75 100
77 25.0 25.6 38.4#
39 50.4 47.6 71.4

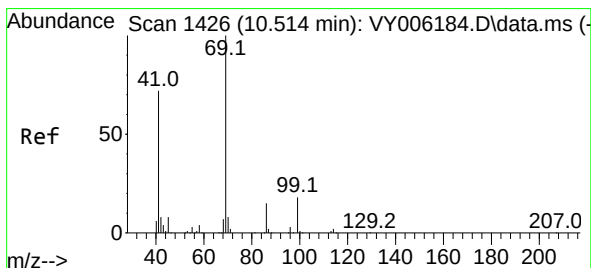
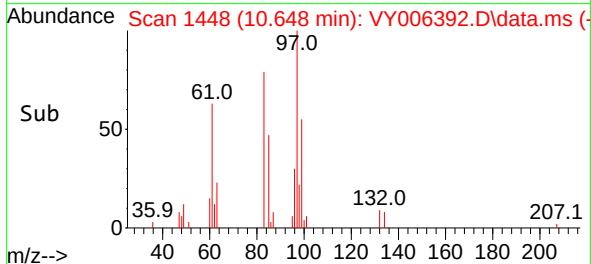
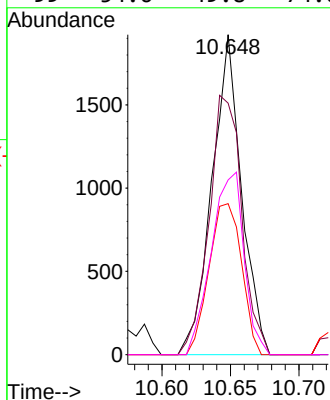
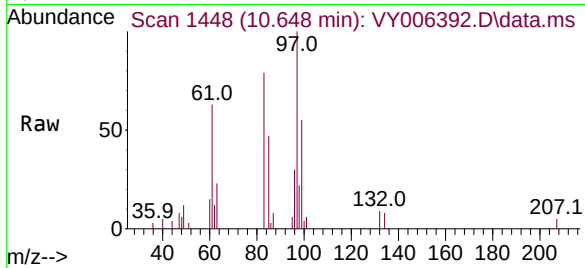




#55
1,1,2-Trichloroethane
Concen: 2.604 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

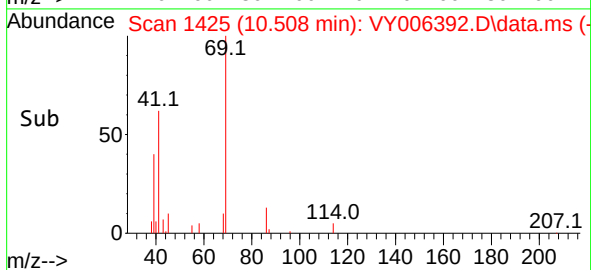
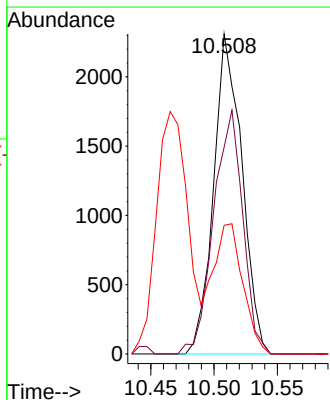
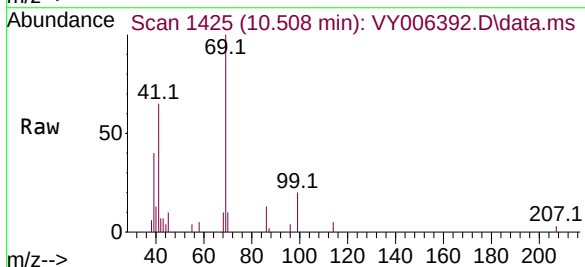
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

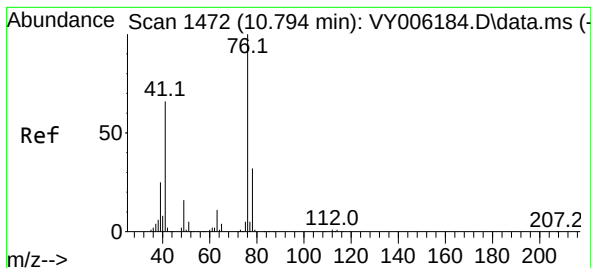
Tgt Ion:	97	Resp:	2881
Ion	Ratio	Lower	Upper
97	100		
83	78.6	69.8	104.8
85	47.2	44.3	66.5
99	54.6	49.8	74.6



#56
Ethyl methacrylate
Concen: 2.134 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	69	Resp:	3589
Ion	Ratio	Lower	Upper
69	100		
41	78.7	63.4	95.0
39	43.3	35.8	53.8

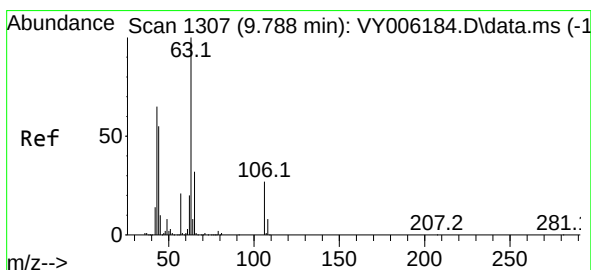
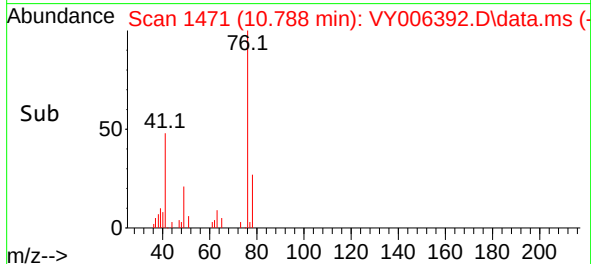
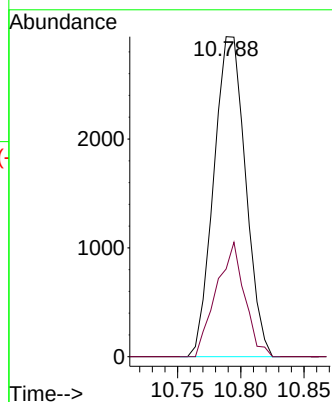
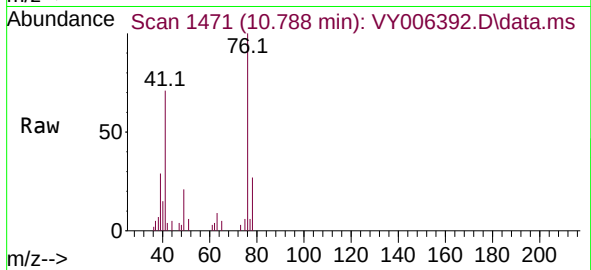




#57
1,3-Dichloropropane
Concen: 2.567 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

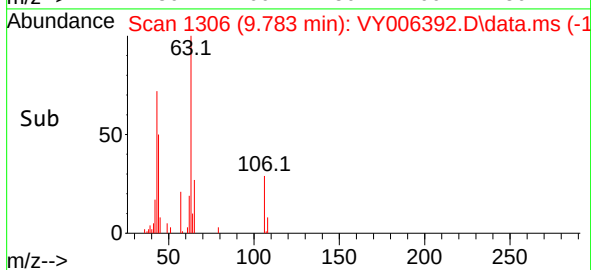
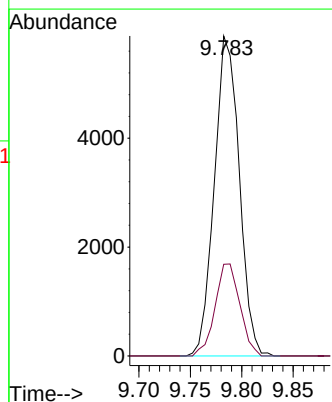
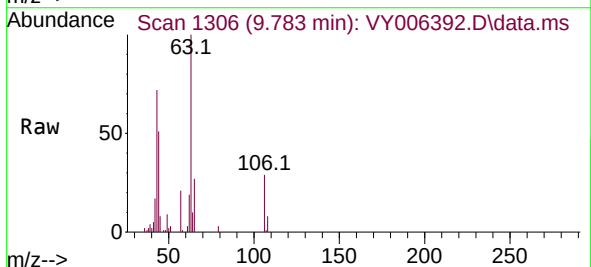
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

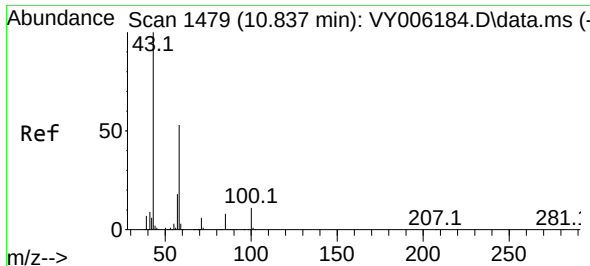
Tgt Ion: 76 Resp: 5139
Ion Ratio Lower Upper
76 100
78 31.9 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 12.002 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 63 Resp: 9888
Ion Ratio Lower Upper
63 100
106 28.6 21.5 32.3

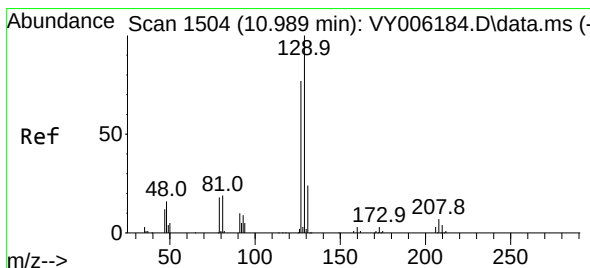
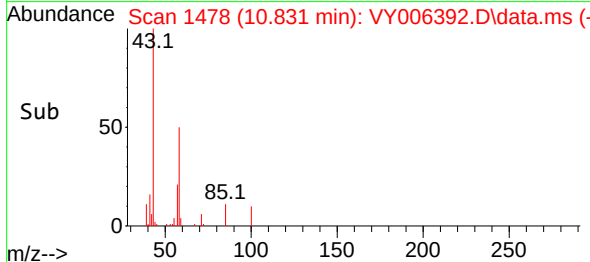
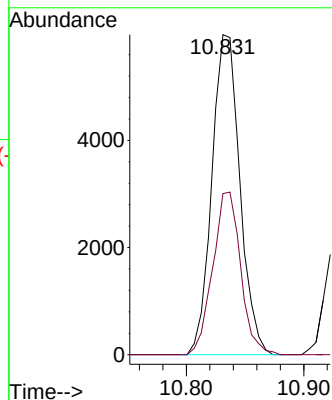
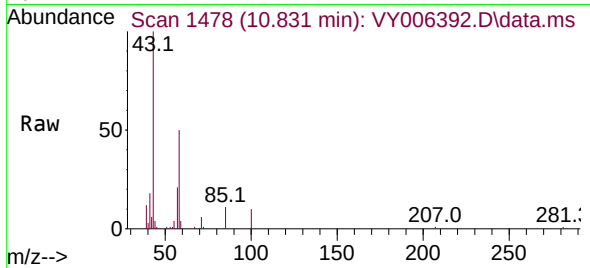




#59
2-Hexanone
Concen: 11.321 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

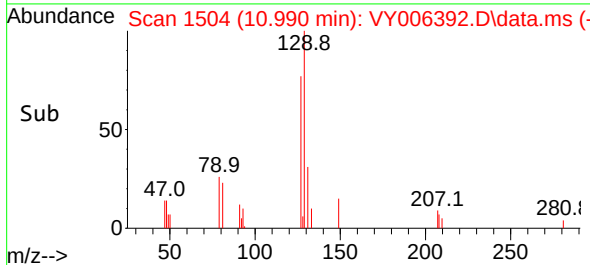
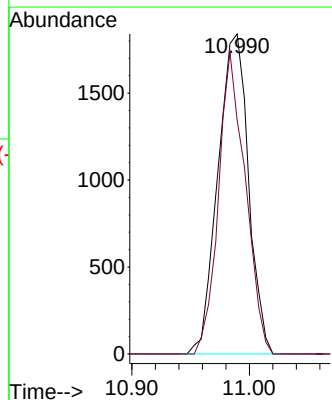
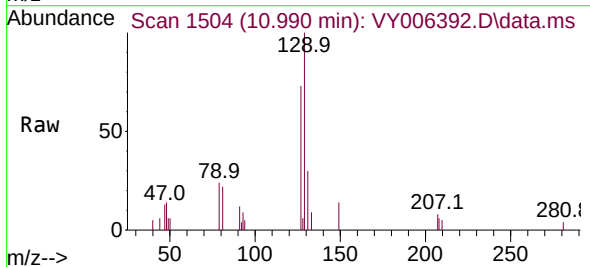
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

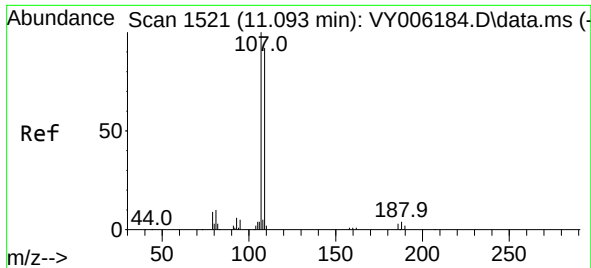
Tgt Ion: 43 Resp: 9889
Ion Ratio Lower Upper
43 100
58 50.6 24.4 73.4



#60
Dibromochloromethane
Concen: 2.471 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 129 Resp: 3321
Ion Ratio Lower Upper
129 100
127 82.8 38.7 116.1

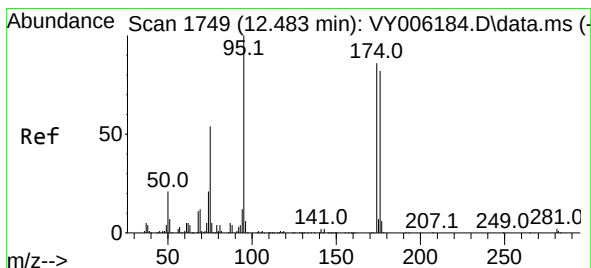
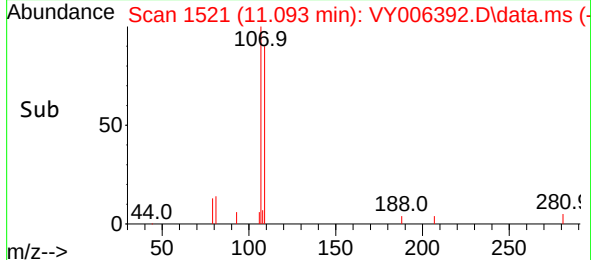
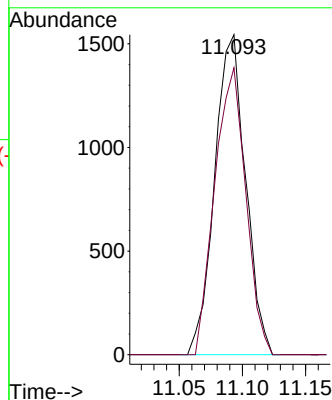
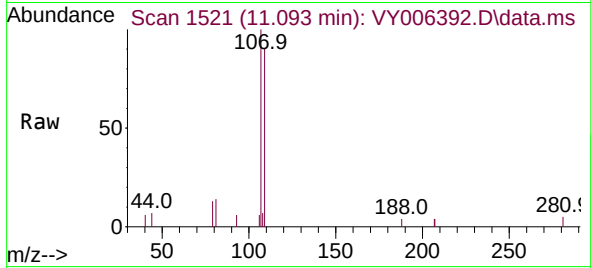




#61
1,2-Dibromoethane
Concen: 2.505 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

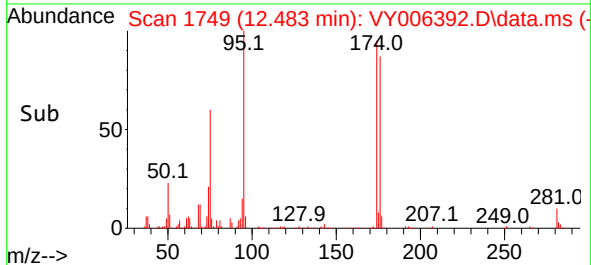
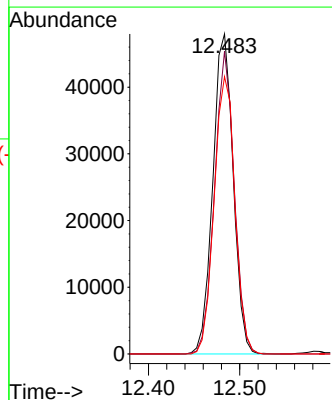
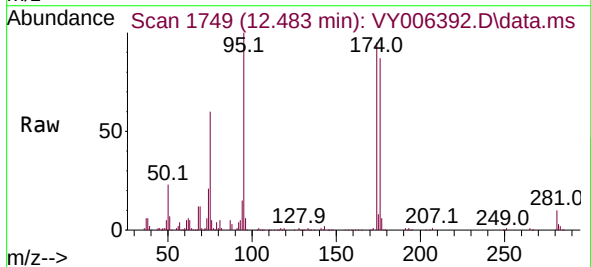
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

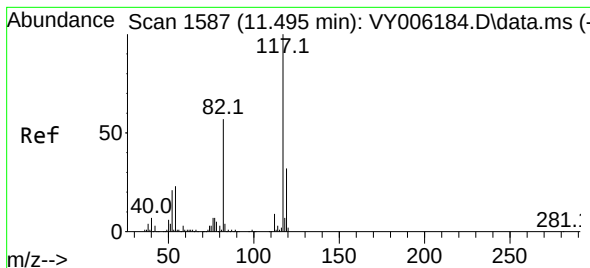
Tgt Ion:107 Resp: 2624
Ion Ratio Lower Upper
107 100
109 89.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.008 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 95 Resp: 74254
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.4 0.0 175.8

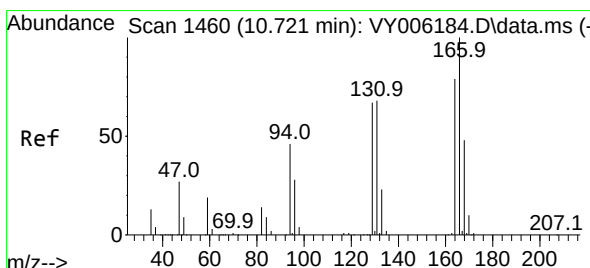
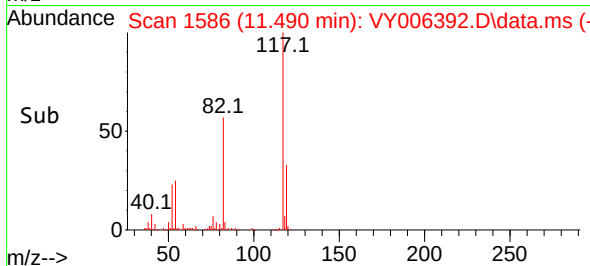
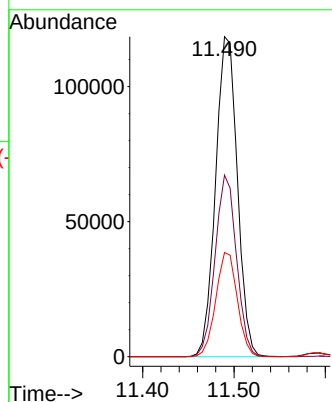
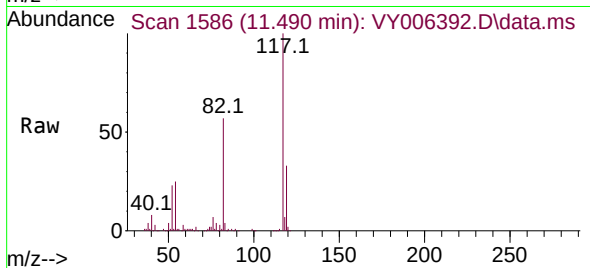




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

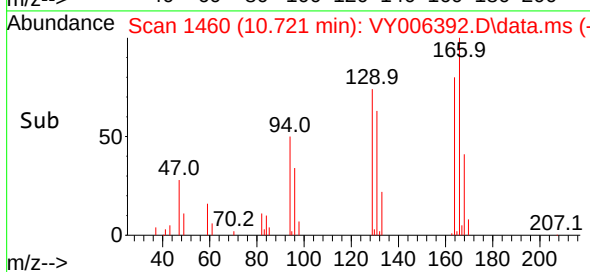
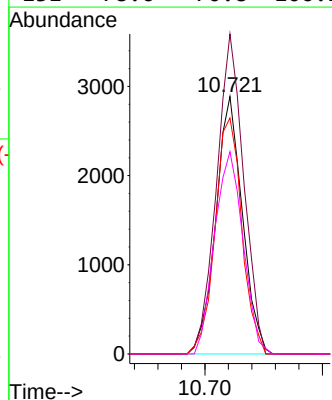
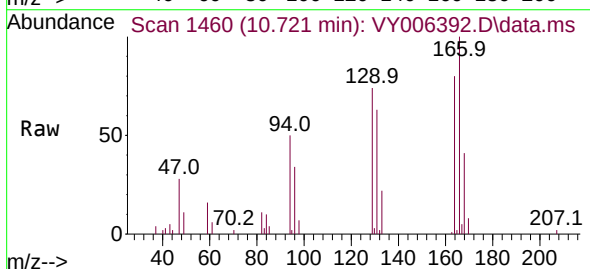
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

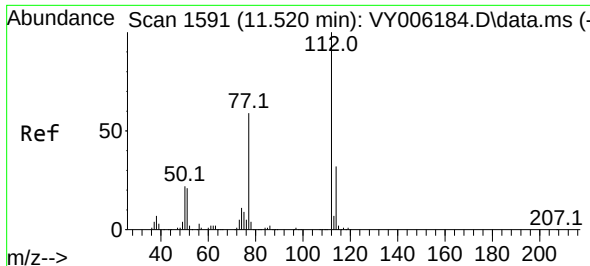
Tgt Ion:117	Resp:	196698
Ion Ratio	Lower	Upper
117	100	
82	56.7	43.0 64.4
119	32.5	25.4 38.0



#64
Tetrachloroethene
Concen: 2.871 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:164	Resp:	4548
Ion Ratio	Lower	Upper
164	100	
166	124.3	100.4 150.6
129	91.7	71.4 107.0
131	78.6	70.8 106.2

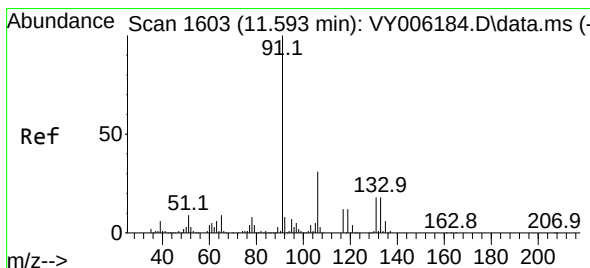
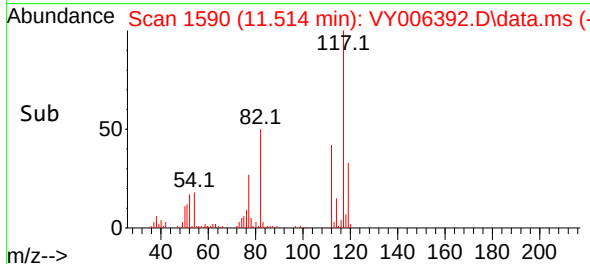
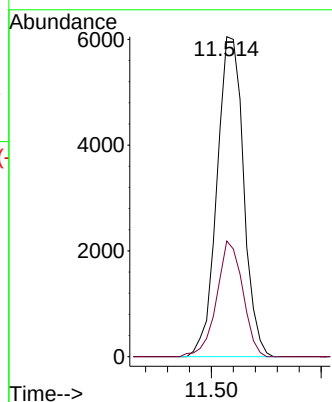
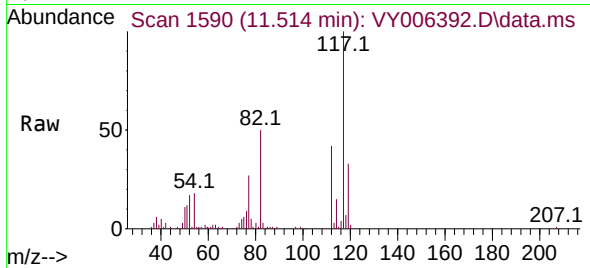




#65
Chlorobenzene
Concen: 2.615 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

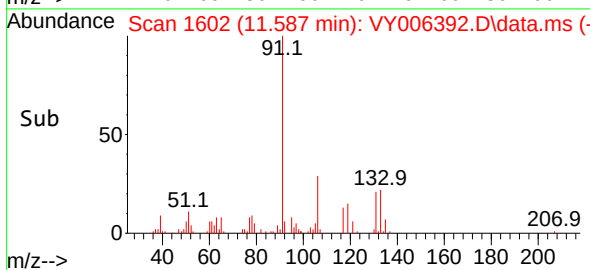
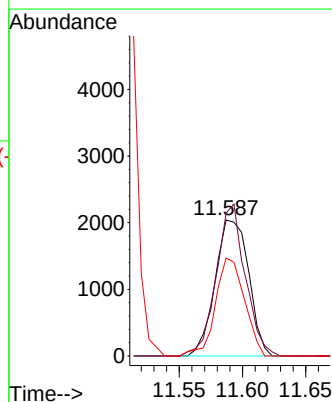
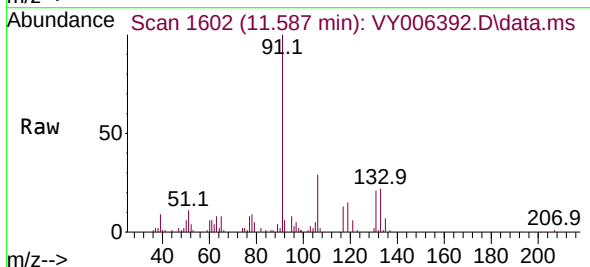
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

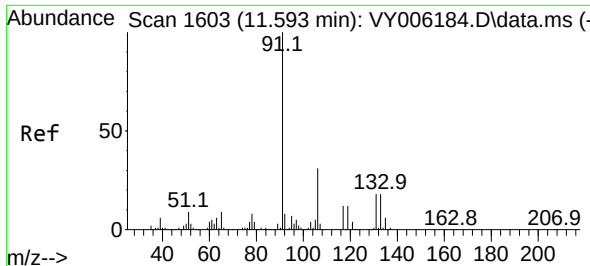
Tgt Ion:112 Resp: 10191
Ion Ratio Lower Upper
112 100
114 36.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.615 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:131 Resp: 3756
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.6
119 62.3 30.8 92.3

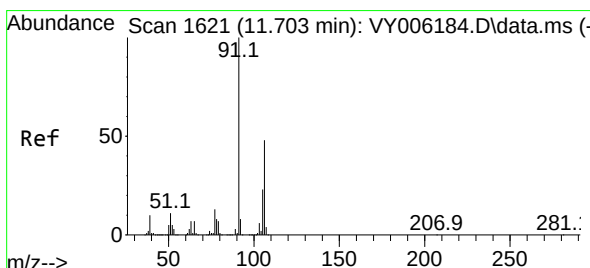
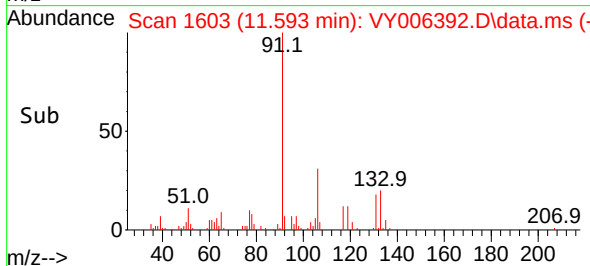
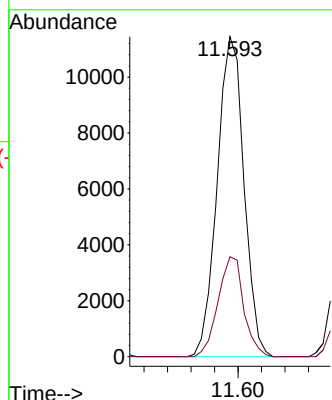
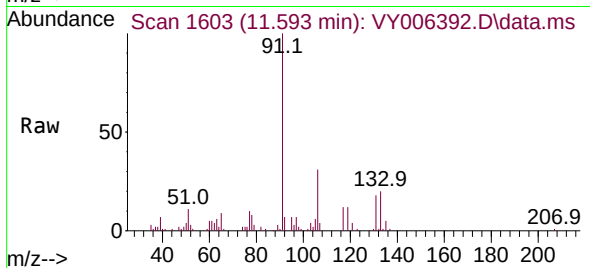




#67
Ethyl Benzene
Concen: 2.466 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

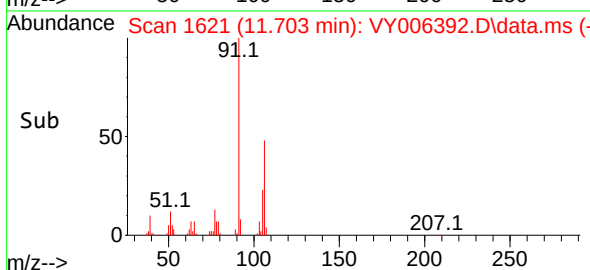
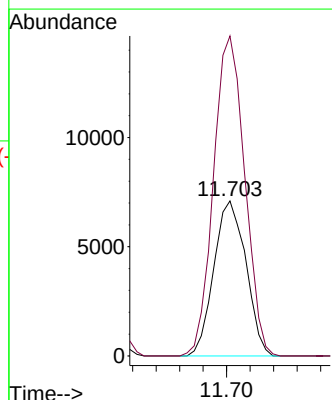
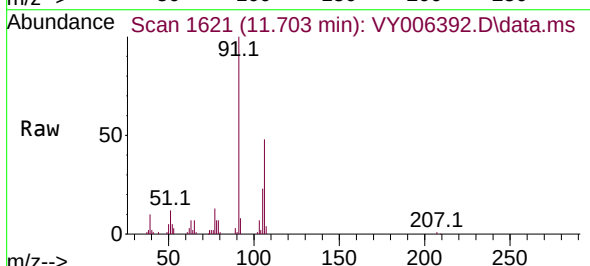
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

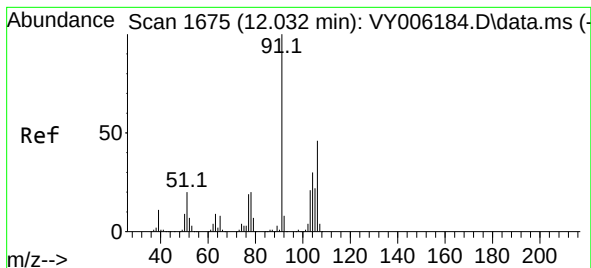
Tgt Ion: 91 Resp: 18119
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 4.824 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 106 Resp: 13447
Ion Ratio Lower Upper
106 100
91 201.0 166.6 249.8

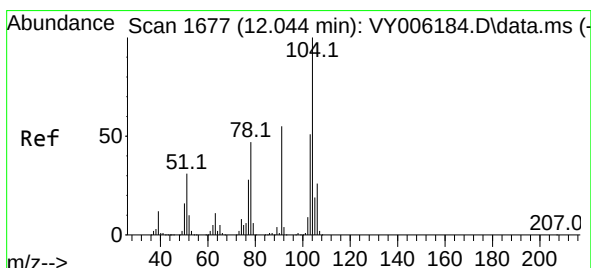
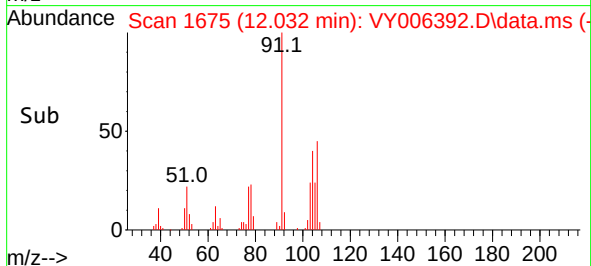
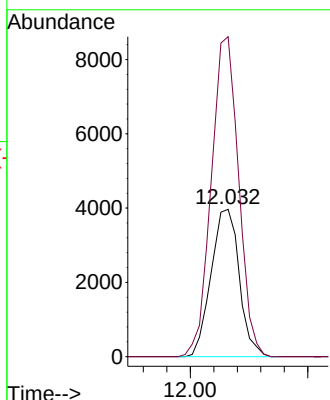
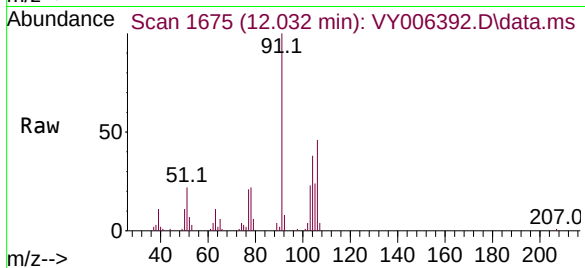




#69
o-Xylene
Concen: 2.514 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

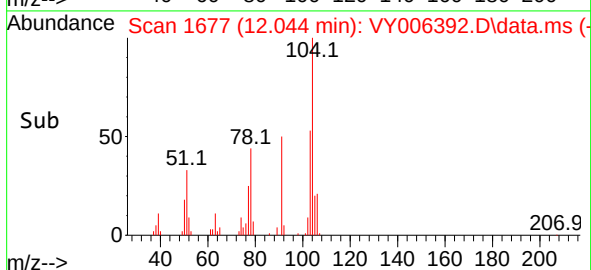
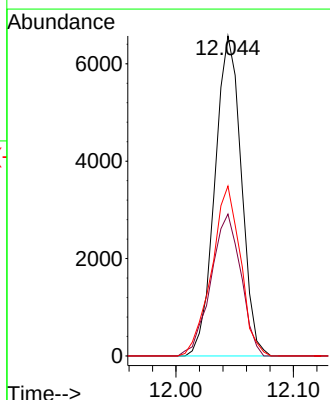
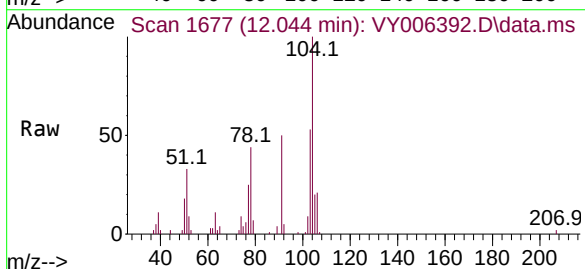
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

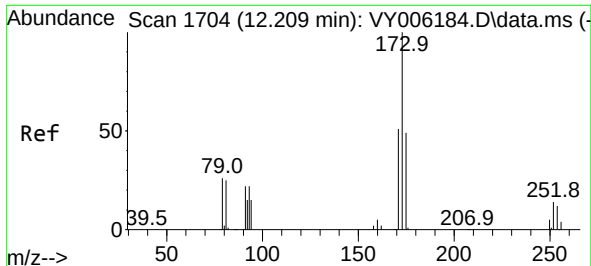
Tgt Ion:106 Resp: 6619
Ion Ratio Lower Upper
106 100
91 210.5 110.3 331.0



#70
Styrene
Concen: 2.296 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:104 Resp: 10267
Ion Ratio Lower Upper
104 100
78 50.2 42.4 63.6
103 57.8 44.4 66.6

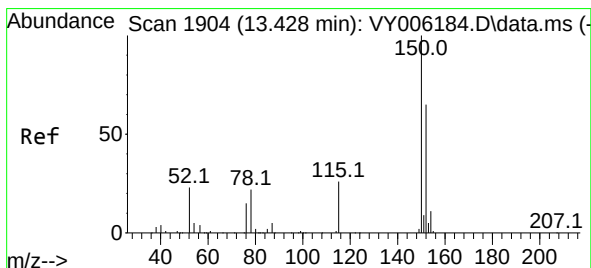
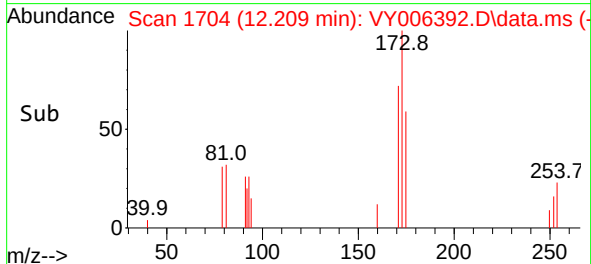
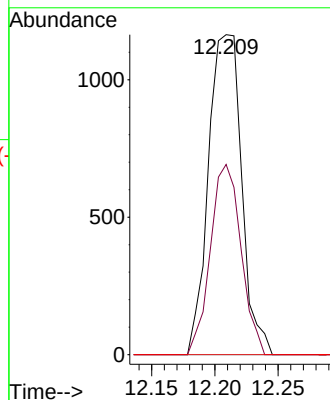
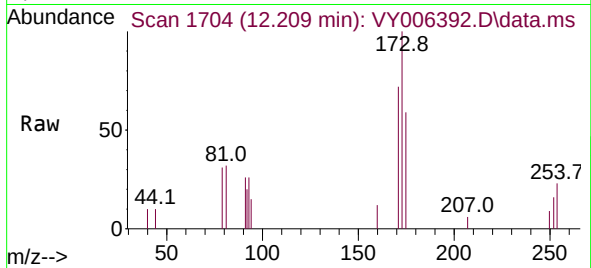




#71
Bromoform
Concen: 2.382 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

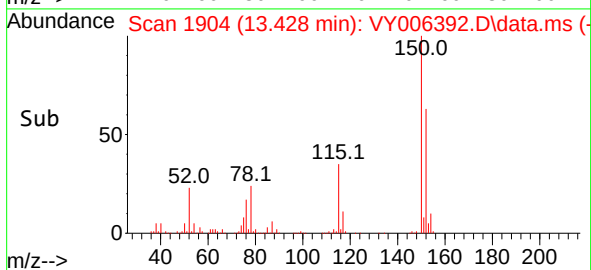
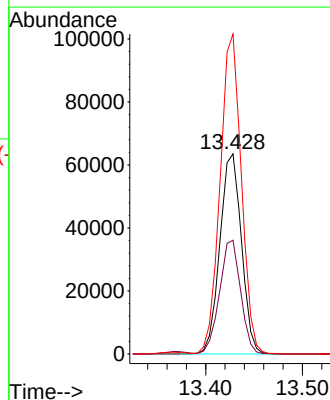
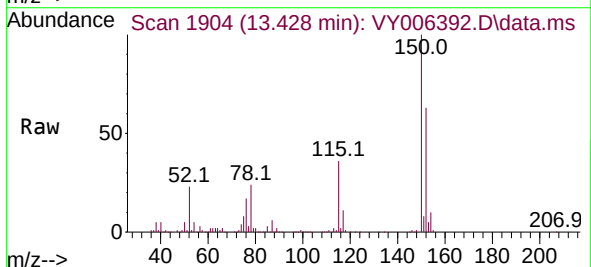
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

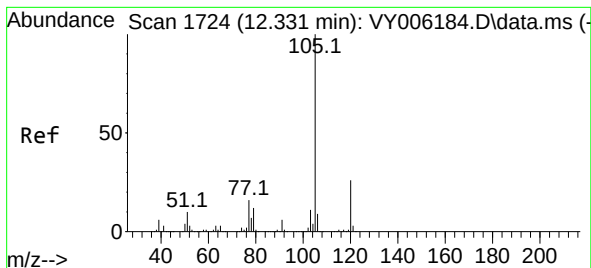
Tgt Ion:173 Resp: 2128
Ion Ratio Lower Upper
173 100
175 54.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:152 Resp: 98174
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.4 0.0 347.6





#73

Isopropylbenzene

Concen: 2.333 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006392.D

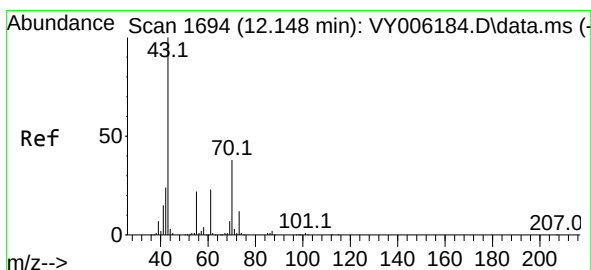
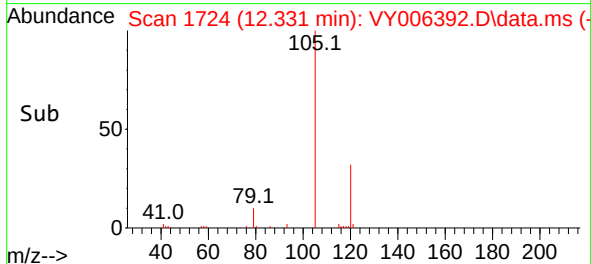
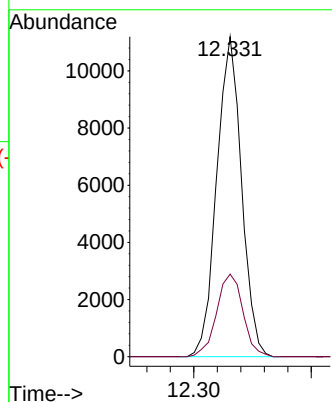
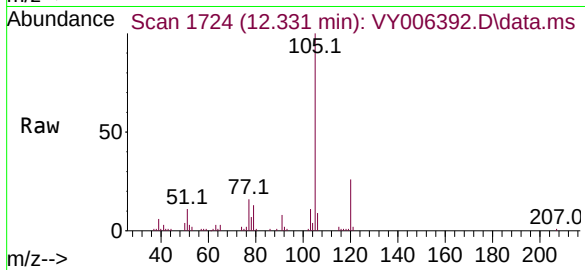
Acq: 14 Oct 2021 12:55

Tgt Ion:105 Resp: 16407

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 2.177 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Tgt Ion: 43 Resp: 4751

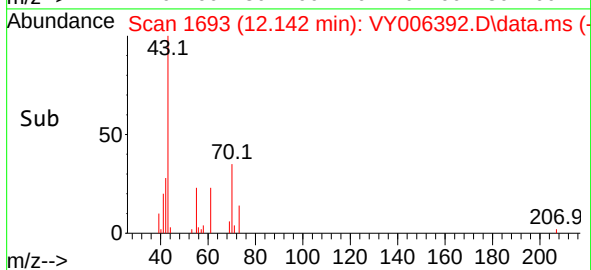
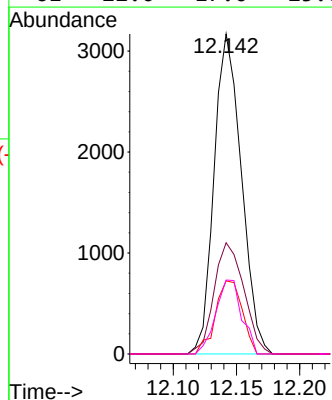
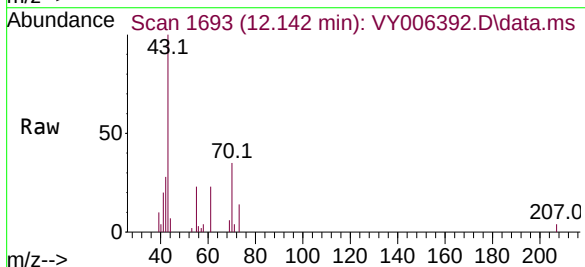
Ion Ratio Lower Upper

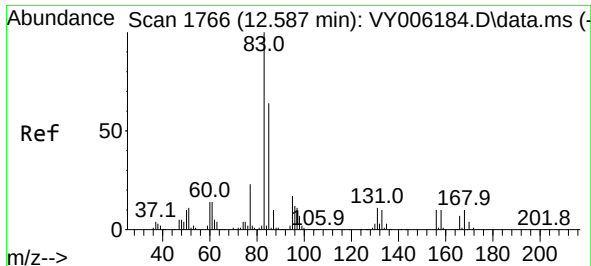
43 100

70 38.0 28.7 43.1

55 22.4 17.3 25.9

61 22.0 17.0 25.6

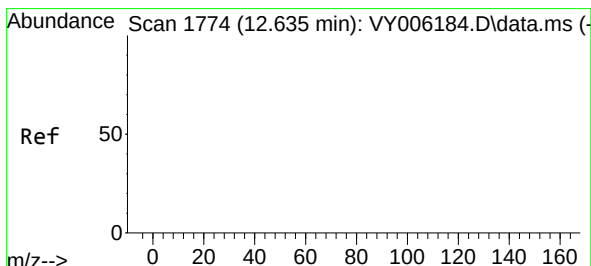
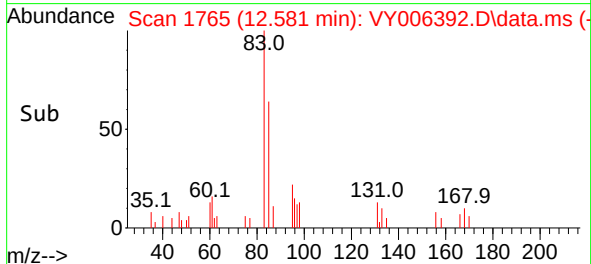
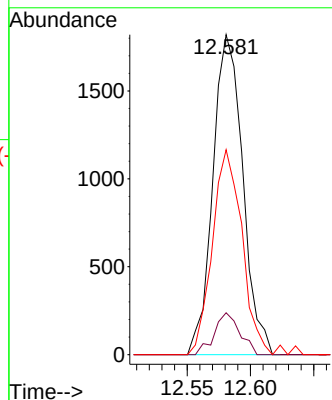
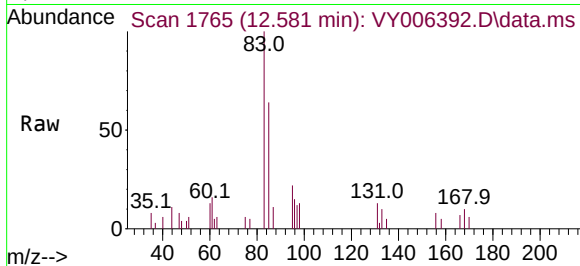




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.352 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: VY006392.D
 Acq: 14 Oct 2021 12:55

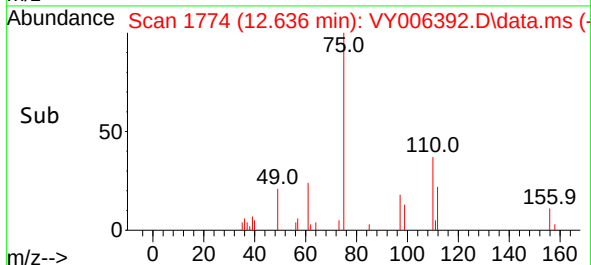
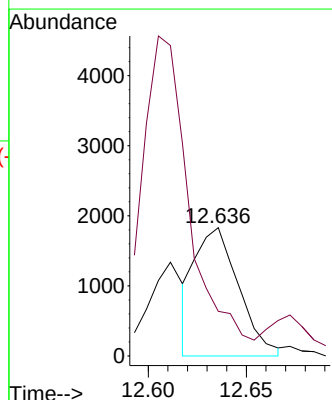
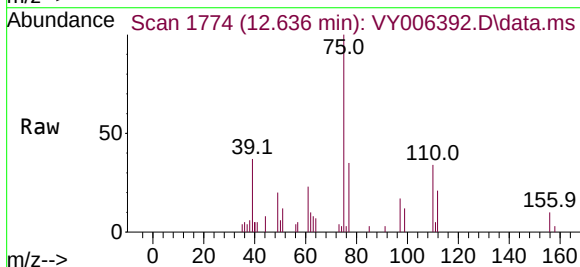
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

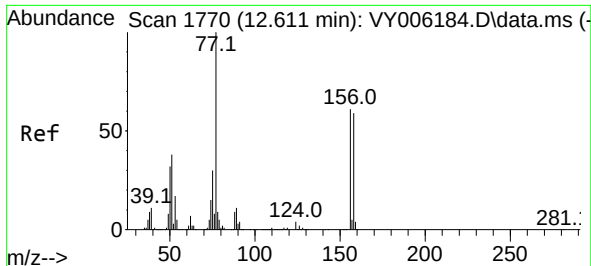
Tgt Ion: 83 Resp: 2987
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.6 16.8
 85 63.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 2.985 ug/l m
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY006392.D
 Acq: 14 Oct 2021 12:55

Tgt Ion: 75 Resp: 2848
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

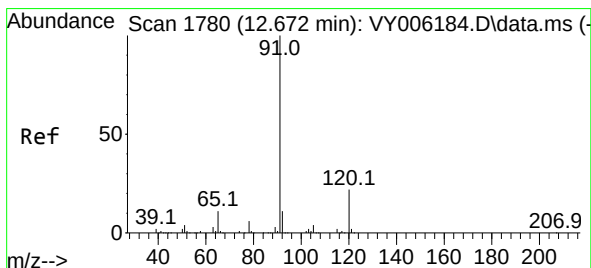
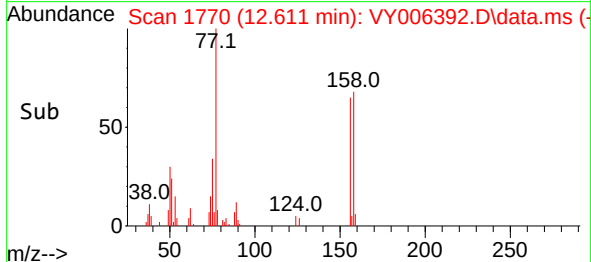
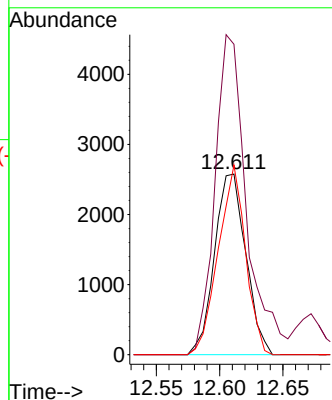
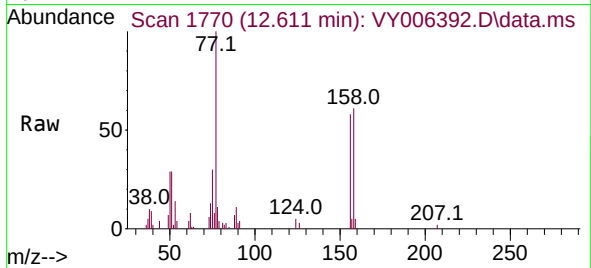




#77
Bromobenzene
Concen: 2.689 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

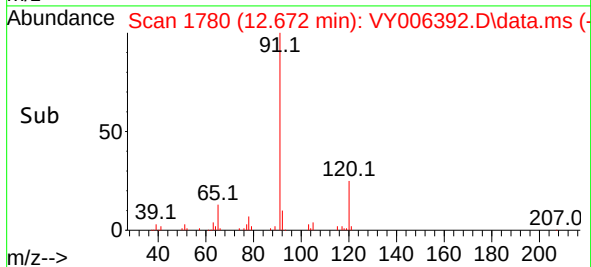
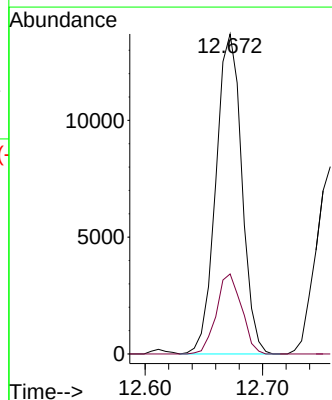
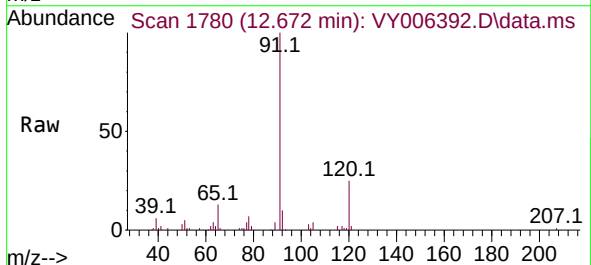
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

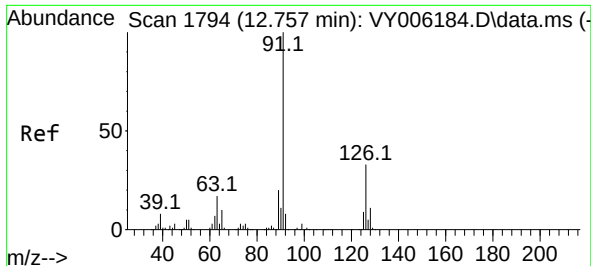
Tgt Ion:156 Resp: 4434
Ion Ratio Lower Upper
156 100
77 178.8 95.5 286.4
158 91.2 48.0 144.0



#78
n-propylbenzene
Concen: 2.422 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 91 Resp: 20966
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.9

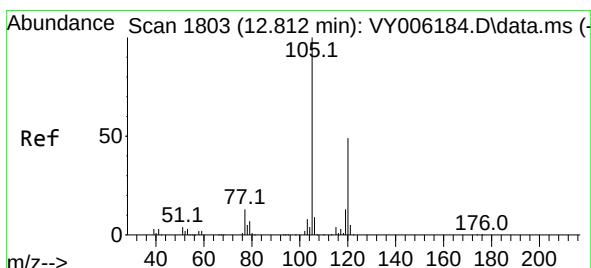
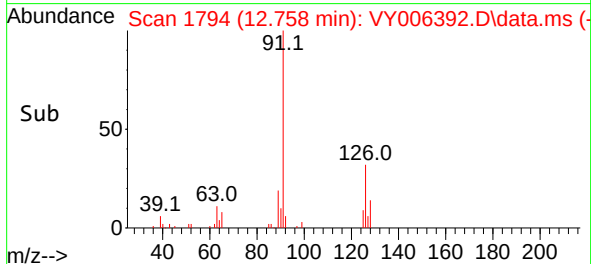
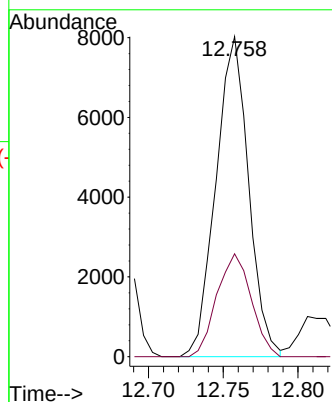
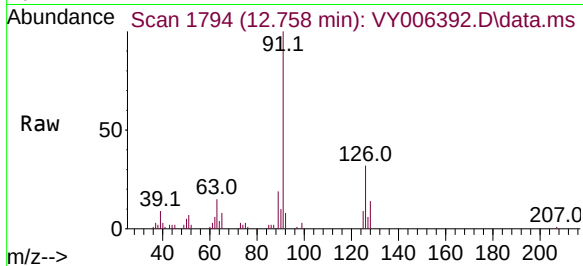




#79
2-Chlorotoluene
Concen: 2.548 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

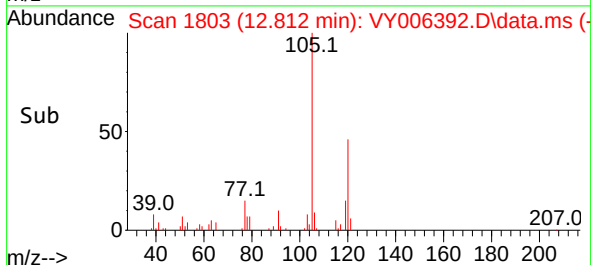
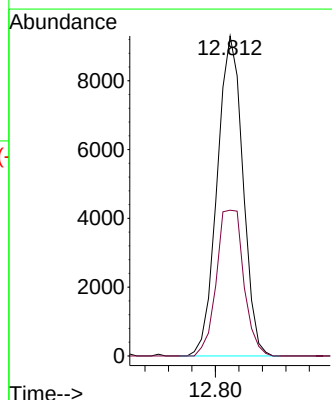
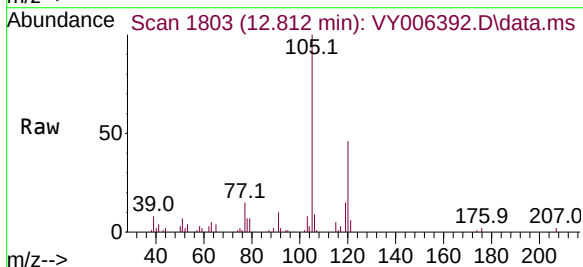
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

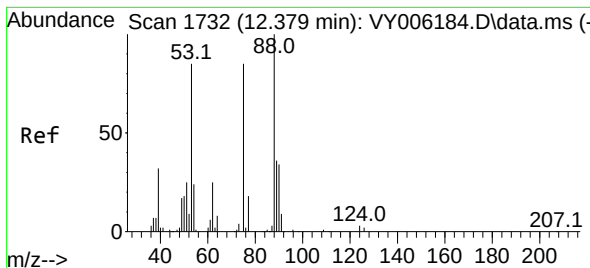
Tgt Ion: 91 Resp: 12203
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.403 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 105 Resp: 14130
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.4

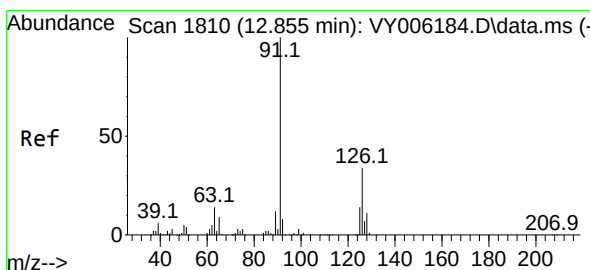
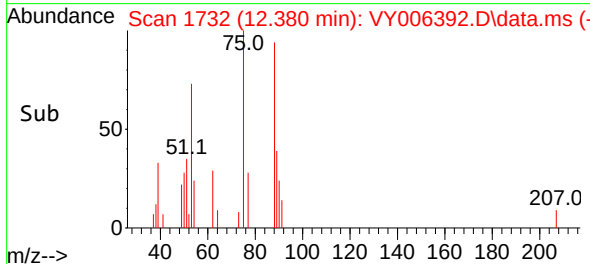
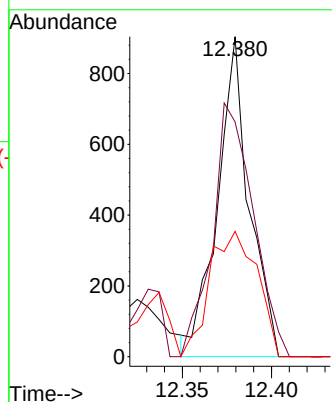
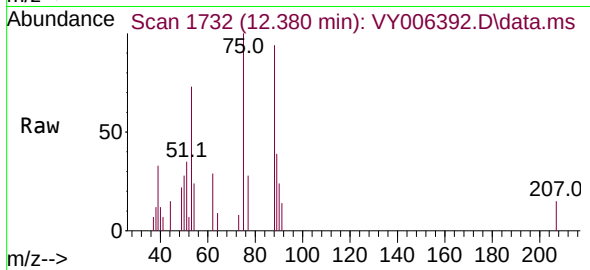




#81
trans-1,4-Dichloro-2-butene
Concen: 2.296 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

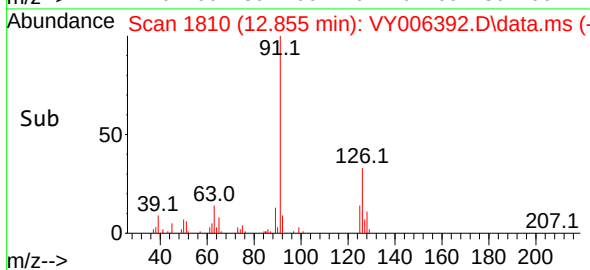
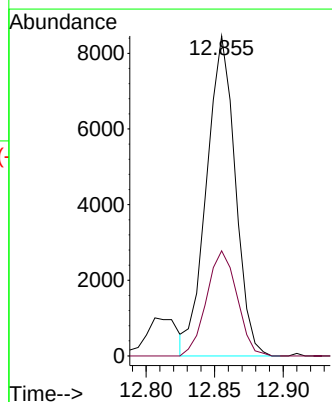
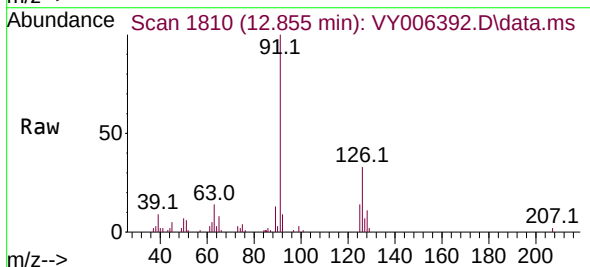
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

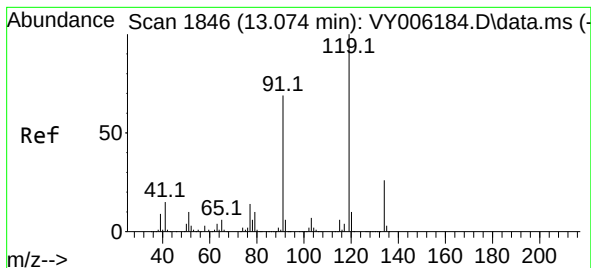
Tgt Ion: 75 Resp: 1115
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.487 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion: 91 Resp: 12323
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 2.347 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

Tgt Ion:119 Resp: 11800

Ion Ratio Lower Upper

119 100

91 69.2 34.8 104.4

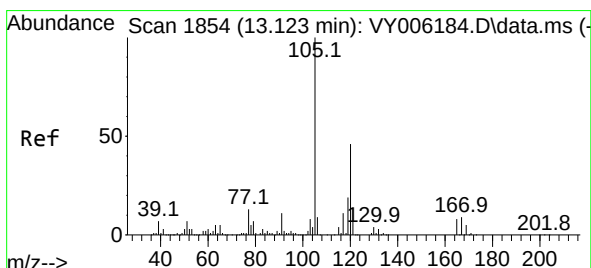
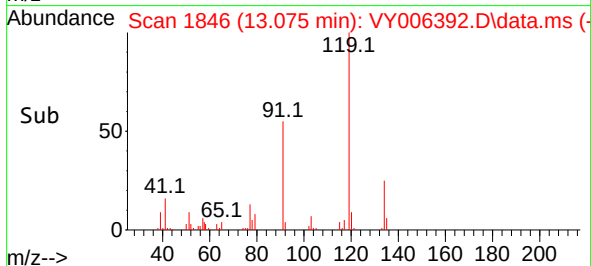
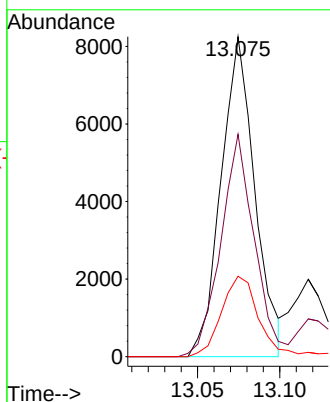
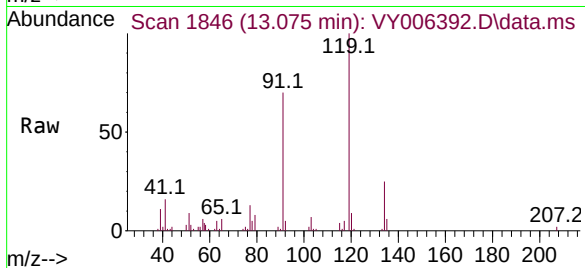
134 28.2 13.3 39.9

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#84

1,2,4-Trimethylbenzene

Concen: 2.458 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY006392.D

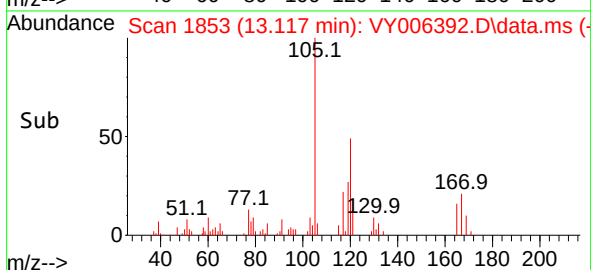
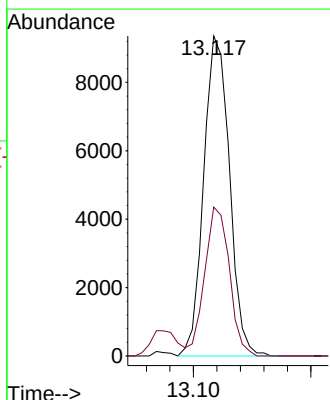
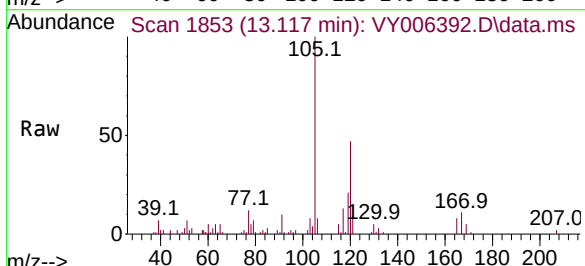
Acq: 14 Oct 2021 12:55

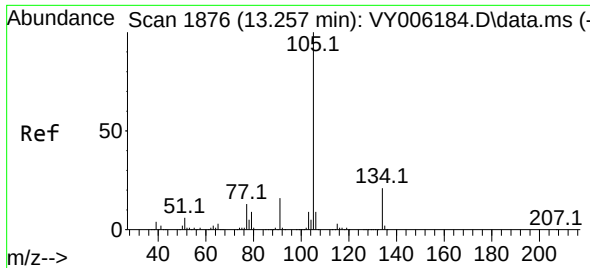
Tgt Ion:105 Resp: 14273

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9

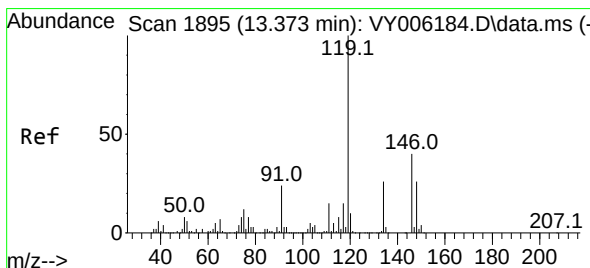
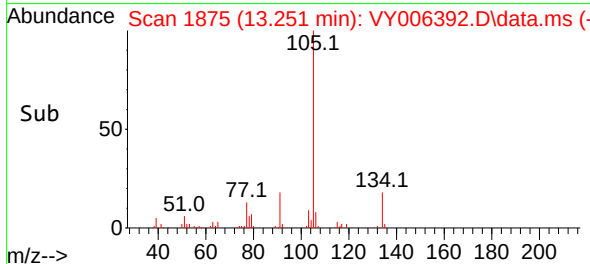
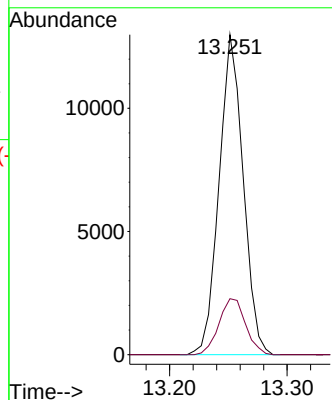
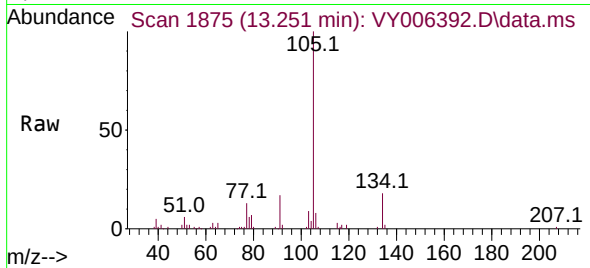




#85
 sec-Butylbenzene
 Concen: 2.435 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY006392.D
 Acq: 14 Oct 2021 12:55

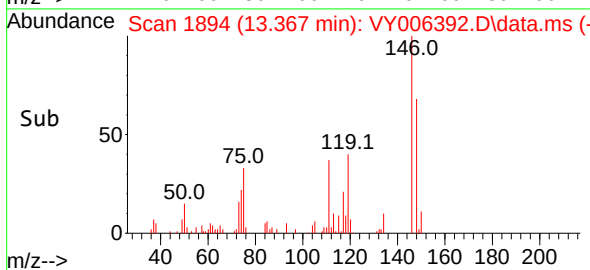
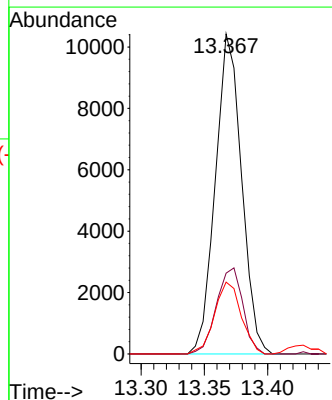
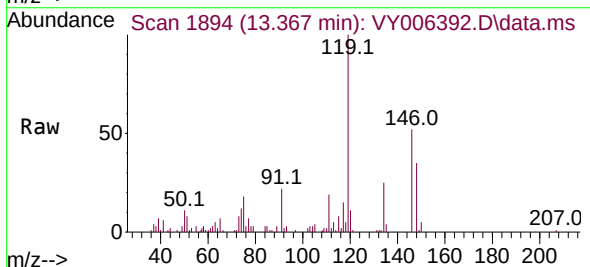
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

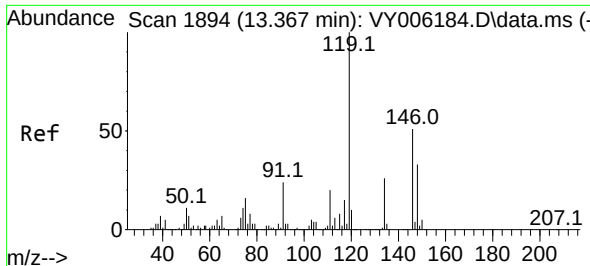
Tgt Ion:105 Resp: 18496
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.339 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY006392.D
 Acq: 14 Oct 2021 12:55

Tgt Ion:119 Resp: 14997
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 22.9 12.4 37.2

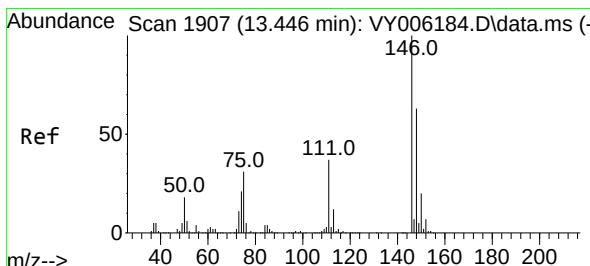
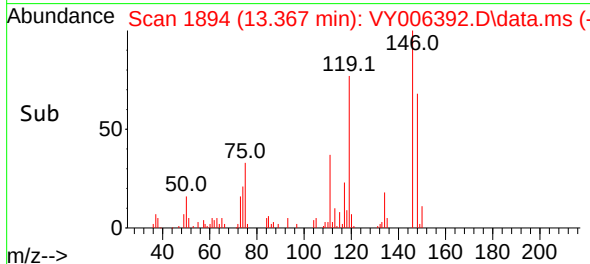
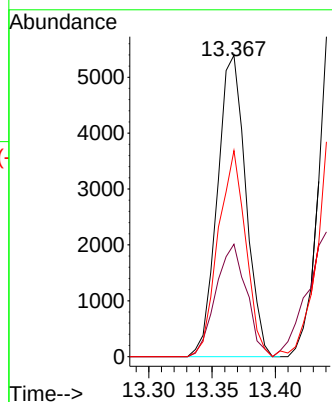
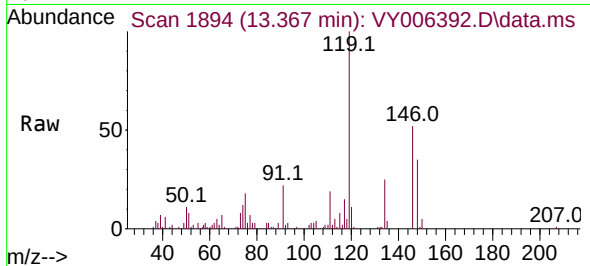




#87
1,3-Dichlorobenzene
Concen: 2.577 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

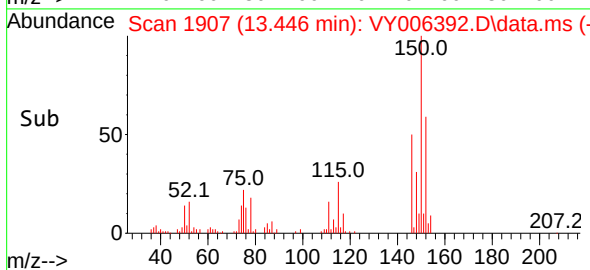
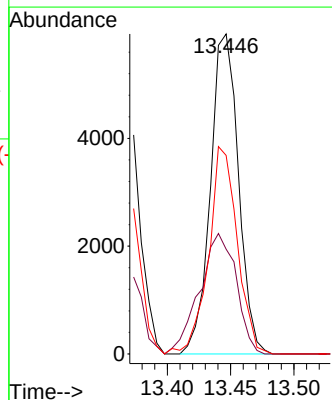
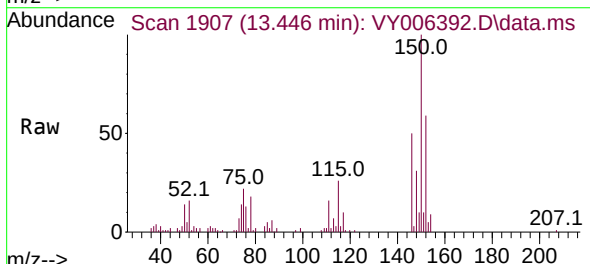
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

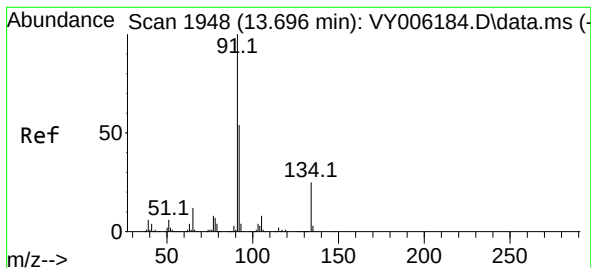
Tgt Ion:146 Resp: 8417
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 66.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 2.839 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:146 Resp: 9146
Ion Ratio Lower Upper
146 100
111 49.2 19.3 57.8
148 66.2 32.6 97.8

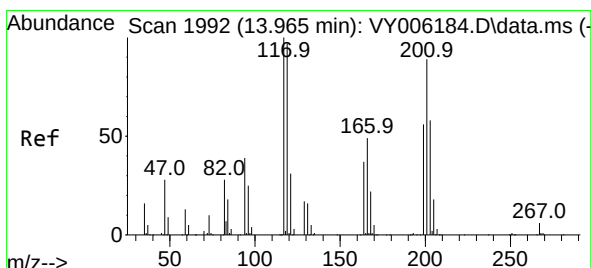
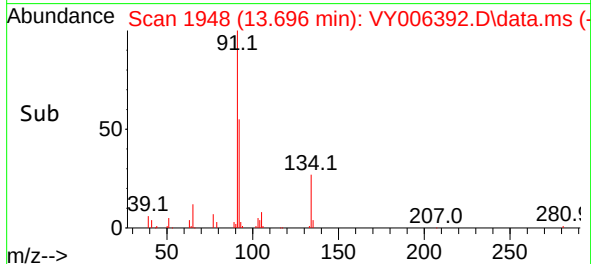
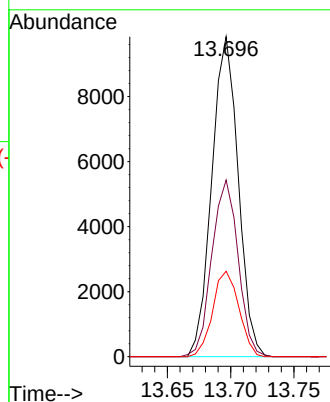
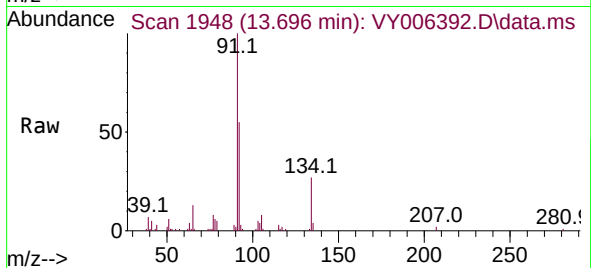




#89
n-Butylbenzene
Concen: 2.344 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

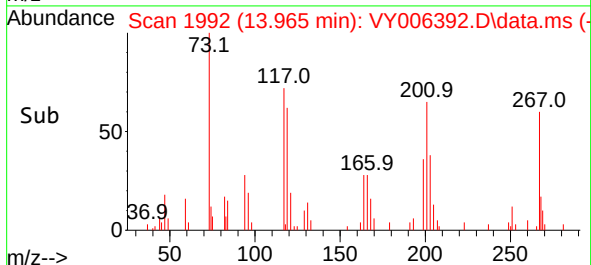
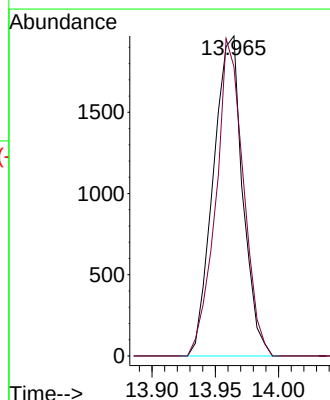
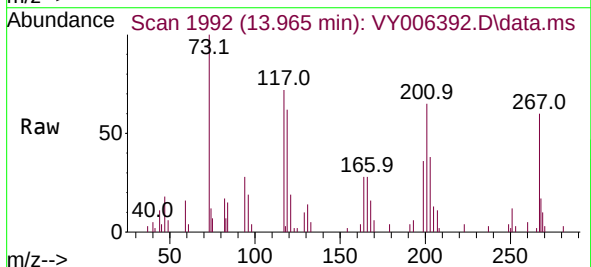
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

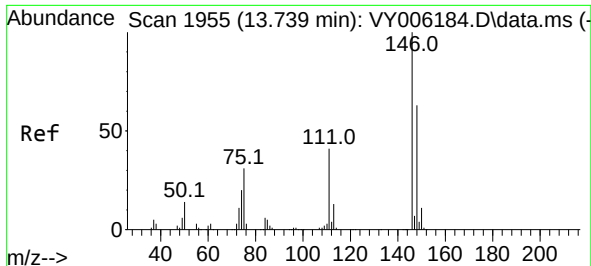
Tgt Ion:	91	Resp:	14281
Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.3	78.9
134	26.6	13.0	38.9



#90
Hexachloroethane
Concen: 2.729 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	117	Resp:	3177
Ion	Ratio	Lower	Upper
117	100		
201	93.0	43.0	128.8

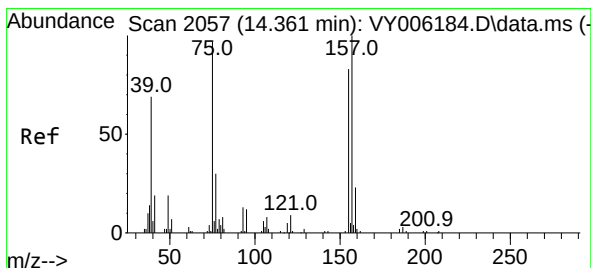
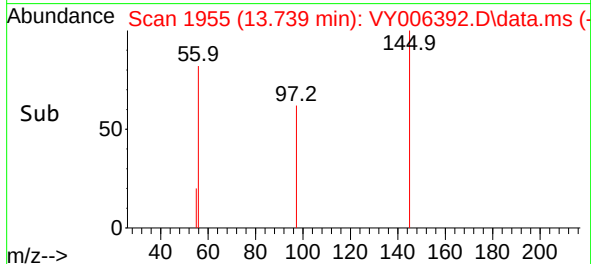
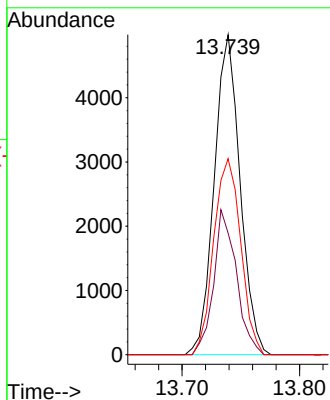
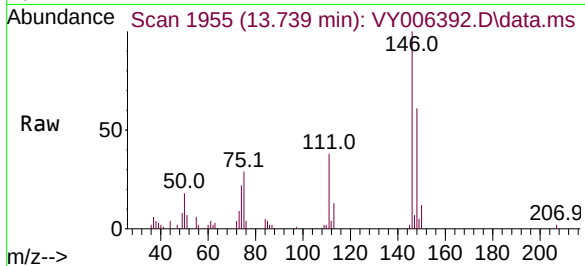




#91
1,2-Dichlorobenzene
Concen: 2.665 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

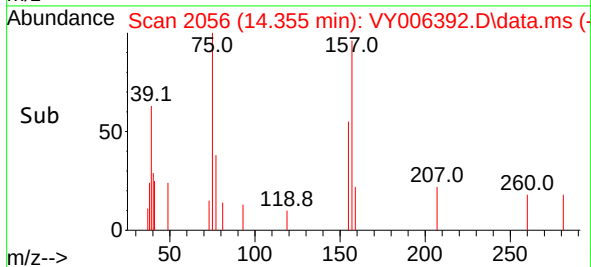
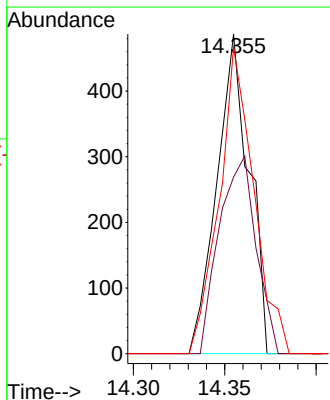
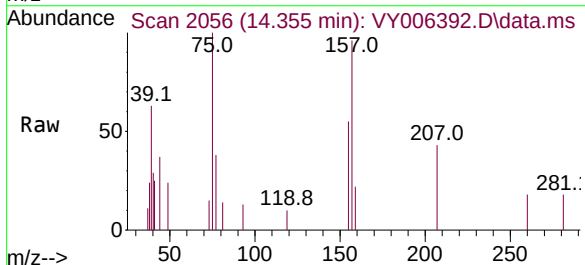
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

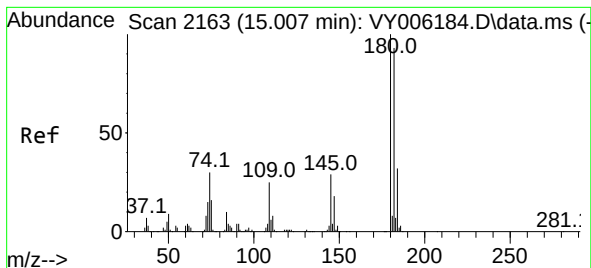
Tgt Ion:	146	Resp:	7613
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.9	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.467 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	75	Resp:	597
Ion	Ratio	Lower	Upper
75	100		
155	70.9	38.0	113.9
157	103.2	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 2.682 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

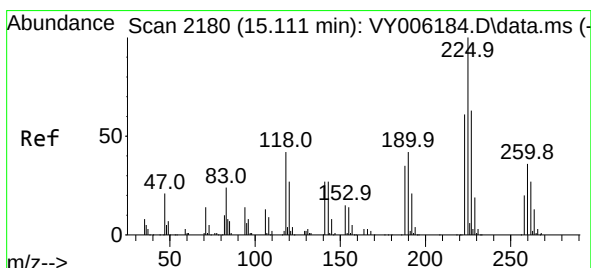
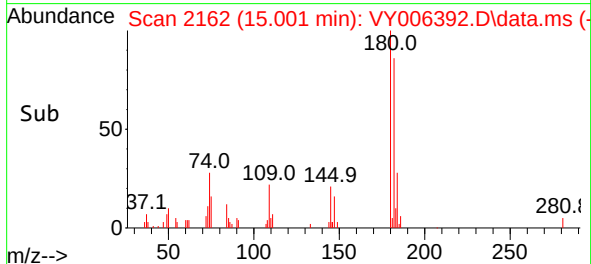
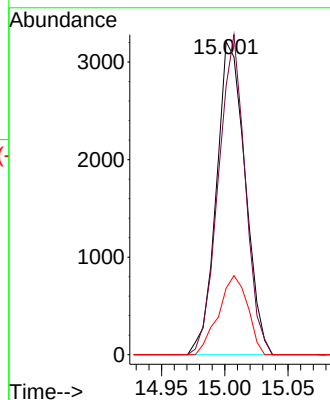
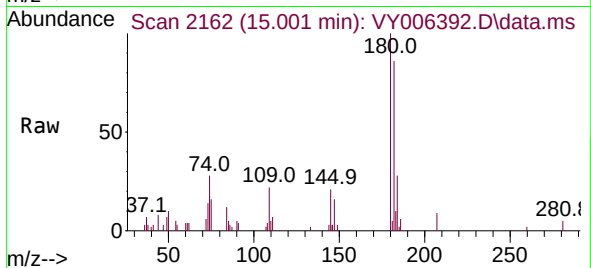
Tgt Ion:180 Resp: 5063

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 25.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 2.666 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

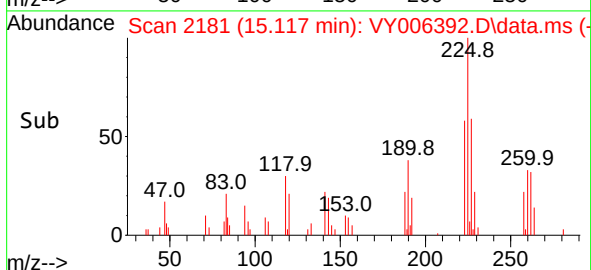
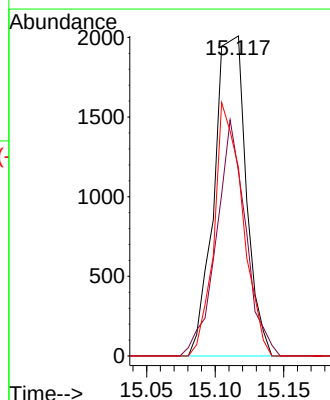
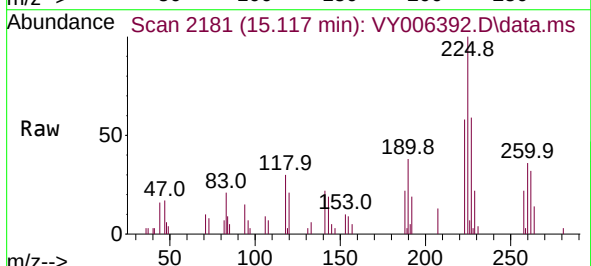
Tgt Ion:225 Resp: 3283

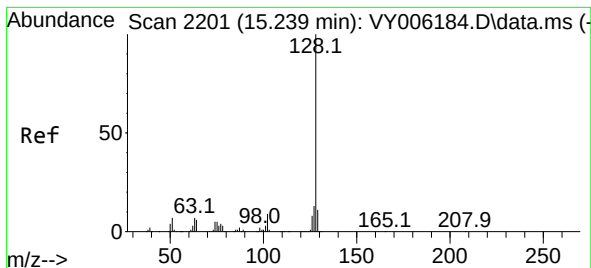
Ion Ratio Lower Upper

225 100

223 67.0 30.8 92.3

227 70.1 31.6 94.7

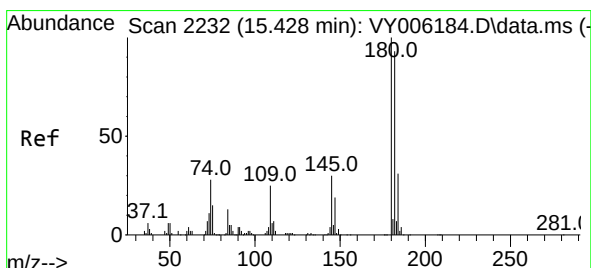
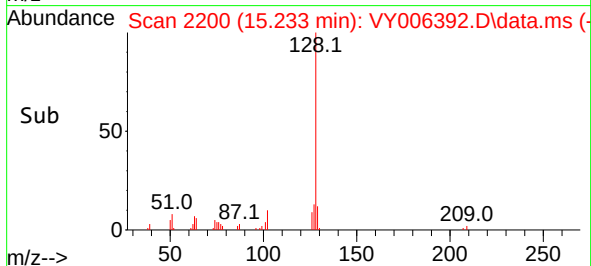
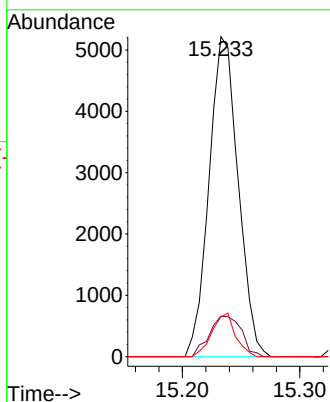
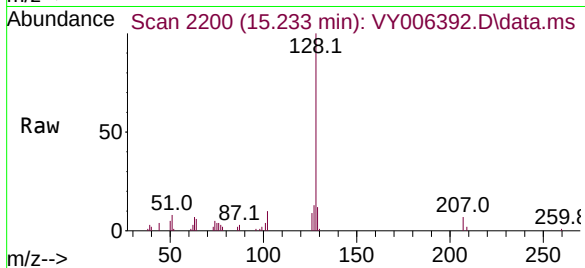




#95
Naphthalene
Concen: 2.397 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

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

Tgt Ion:	128	Resp:	8988
Ion Ratio	Lower	Upper	
128	100		
127	14.0	11.0	16.4
129	11.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.707 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006392.D
Acq: 14 Oct 2021 12:55

Tgt Ion:	180	Resp:	4529
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	31.8	15.3	45.9

