

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009261.D
 Acq On : 21 Jun 2022 17:31
 Operator : KP/MD
 Sample : N3214-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Quant Time: Jun 22 06:19:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81280	46.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.52%		
35) Dibromofluoromethane	7.710	113	79449	47.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.78%		
50) Toluene-d8	10.173	98	300122	47.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.18%		
62) 4-Bromofluorobenzene	12.477	95	106080	47.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	5076	4.33	ug/l	99
3) Chloromethane	2.107	50	6380	4.43	ug/l #	88
4) Vinyl Chloride	2.241	62	6694	4.19	ug/l #	88
5) Bromomethane	2.637	94	5644	5.07	ug/l	89
6) Chloroethane	2.784	64	4259	4.00	ug/l	95
7) Trichlorofluoromethane	3.119	101	10891	4.29	ug/l	95
8) Diethyl Ether	3.515	74	3660	3.93	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	7027	4.36	ug/l	97
10) Methyl Iodide	4.076	142	6612	3.36	ug/l	95
11) Tert butyl alcohol	4.911	59	5349	Below Cal	#	87
12) 1,1-Dichloroethene	3.863	96	6477	4.23	ug/l	85
13) Acrolein	3.729	56	1025	40.17	ug/l	87
14) Allyl chloride	4.466	41	12045	4.37	ug/l	90
15) Acrylonitrile	5.161	53	10720	20.64	ug/l	98
16) Acetone	3.942	43	9845	22.68	ug/l #	89
17) Carbon Disulfide	4.186	76	16168	3.80	ug/l #	94
18) Methyl Acetate	4.473	43	9964	4.52	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	18524	4.02	ug/l	98
20) Methylene Chloride	4.710	84	24123	4.84	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	7636	4.20	ug/l	94
22) Diisopropyl ether	6.112	45	23672	4.09	ug/l	90
23) Vinyl Acetate	6.058	43	58437	16.44	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	14085	4.30	ug/l	98
25) 2-Butanone	6.978	43	15692	22.38	ug/l	94
26) 2,2-Dichloropropane	6.972	77	12895	4.19	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	8580	4.03	ug/l	96
28) Bromochloromethane	7.332	49	6463	4.57	ug/l	90
29) Tetrahydrofuran	7.344	42	9616	21.66	ug/l	92
30) Chloroform	7.502	83	14330	4.25	ug/l	90
31) Cyclohexane	7.777	56	14753	4.84	ug/l #	74
32) 1,1,1-Trichloroethane	7.698	97	12249	4.16	ug/l	98
36) 1,1-Dichloropropene	7.911	75	10943	4.33	ug/l	98
37) Ethyl Acetate	7.064	43	7049	4.62	ug/l	97
38) Carbon Tetrachloride	7.893	117	10612	4.04	ug/l	96
39) Methylcyclohexane	9.179	83	12187	3.93	ug/l	99
40) Benzene	8.155	78	30349	4.06	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8578	10.13	ug/l #	16
42) 1,2-Dichloroethane	8.234	62	9625	4.49	ug/l	89
43) Isopropyl Acetate	8.265	43	11524	4.12	ug/l #	91
44) Trichloroethene	8.935	130	8906	4.23	ug/l	89
45) 1,2-Dichloropropane	9.209	63	7954	4.13	ug/l	94
46) Dibromomethane	9.295	93	4559	4.17	ug/l	97
47) Bromodichloromethane	9.496	83	10597	4.08	ug/l	93
48) Methyl methacrylate	9.283	41	4956	4.04	ug/l	93
49) 1,4-Dioxane	9.295	88	1408	89.54	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	31305	21.51	ug/l	98
52) Toluene	10.240	92	20239	4.29	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	10673	3.95	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	12016	3.91	ug/l	91
55) 1,1,2-Trichloroethane	10.636	97	6200	4.04	ug/l	96
56) Ethyl methacrylate	10.508	69	7667	3.77	ug/l	90
57) 1,3-Dichloropropane	10.782	76	10965	4.17	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	20640	23.68	ug/l	97
59) 2-Hexanone	10.831	43	20399	20.71	ug/l	94
60) Dibromochloromethane	10.977	129	7690	4.10	ug/l	93
61) 1,2-Dibromoethane	11.087	107	5856	3.91	ug/l	96
64) Tetrachloroethene	10.715	164	9648	4.23	ug/l	91
65) Chlorobenzene	11.514	112	22536	4.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	7666	3.94	ug/l	93
67) Ethyl Benzene	11.593	91	38068	4.13	ug/l	97
68) m/p-Xylenes	11.697	106	29352	8.11	ug/l	92
69) o-Xylene	12.026	106	13551	3.94	ug/l	93
70) Styrene	12.038	104	21609	3.79	ug/l	97
71) Bromoform	12.209	173	5011	4.17	ug/l #	96
73) Isopropylbenzene	12.325	105	35651	3.81	ug/l	98
74) N-amyl acetate	12.142	43	9731	3.89	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	7370	4.14	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	9705	6.93	ug/l #	100
77) Bromobenzene	12.605	156	8799	3.87	ug/l	98
78) n-propylbenzene	12.666	91	43904	3.89	ug/l	97
79) 2-Chlorotoluene	12.752	91	25767	4.05	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	29229	3.76	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.367	75	2590	3.92	ug/l	87
82) 4-Chlorotoluene	12.849	91	26181	3.95	ug/l	96
83) tert-Butylbenzene	13.069	119	26538	3.91	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	29655	3.89	ug/l	99
85) sec-Butylbenzene	13.251	105	41631	4.10	ug/l	98
86) p-Isopropyltoluene	13.367	119	31877	3.78	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	18312	4.16	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	18347	4.16	ug/l	93
89) n-Butylbenzene	13.696	91	31700	4.03	ug/l	98
90) Hexachloroethane	13.959	117	6723	4.20	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	16809	4.25	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1235	3.89	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	9206	3.81	ug/l	99
94) Hexachlorobutadiene	15.105	225	5784	4.45	ug/l	96
95) Naphthalene	15.233	128	17308	3.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	8255	4.00	ug/l	99

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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

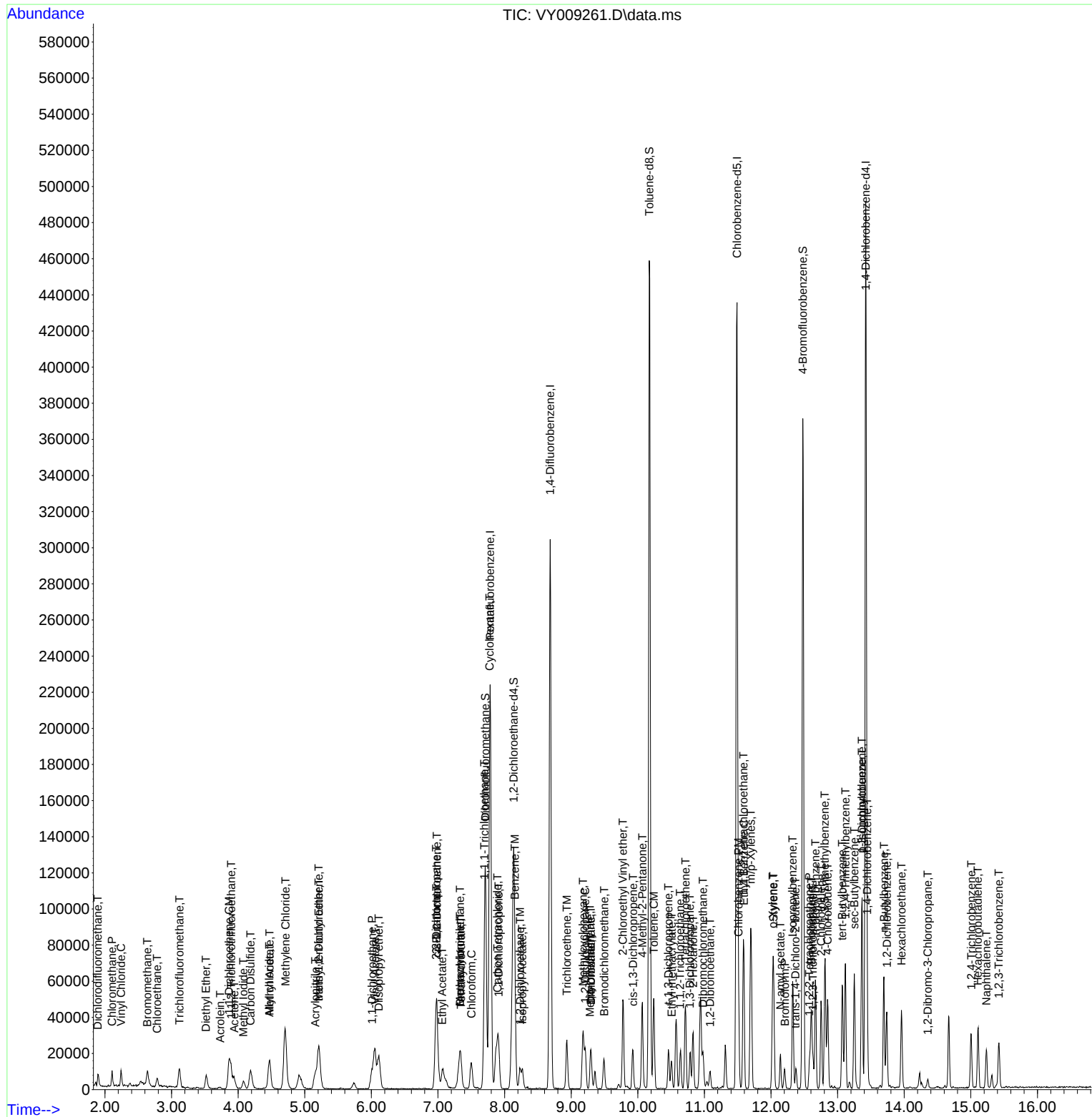
Quant Time: Jun 22 06:19:17 2022
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QLast Update : Tue Jun 21 14:08:27 2022
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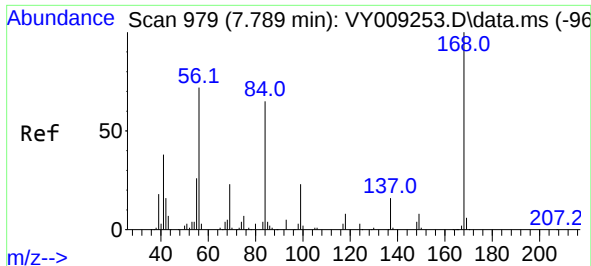
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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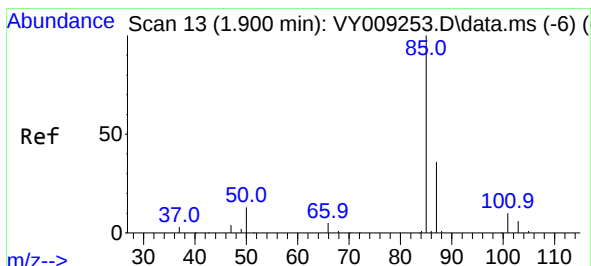
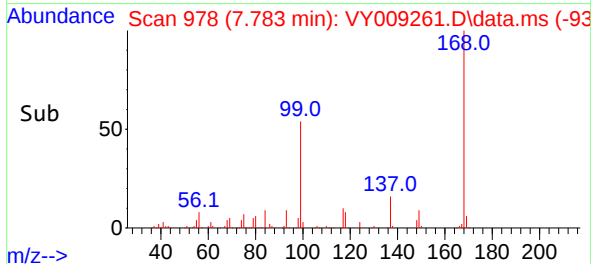
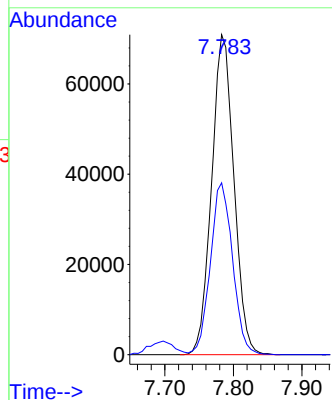
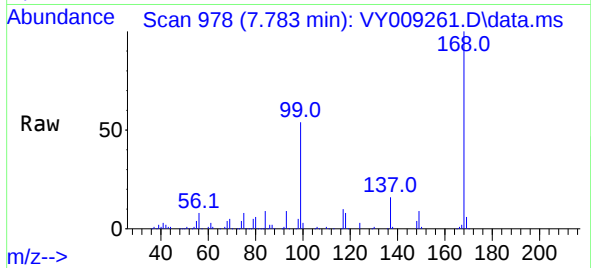




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009261.D
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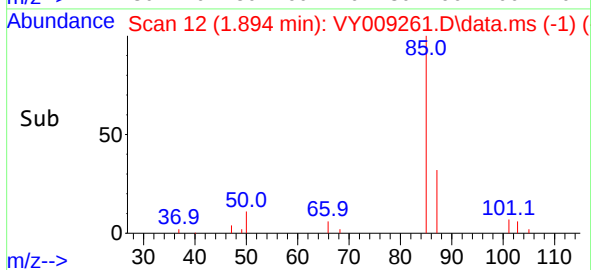
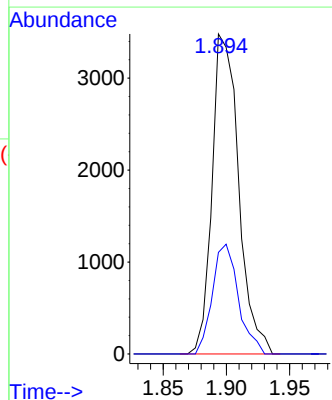
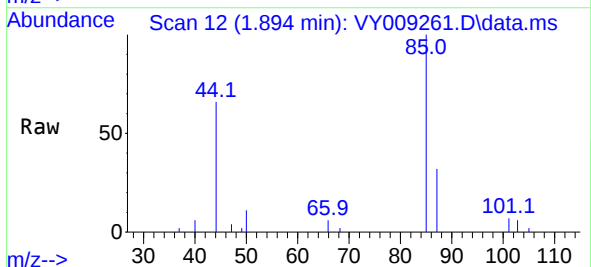
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

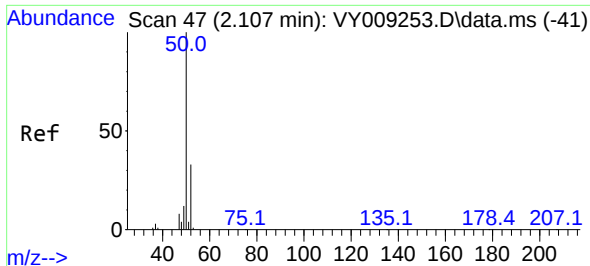
Tgt Ion:168 Resp: 159994
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.33 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 85 Resp: 5076
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

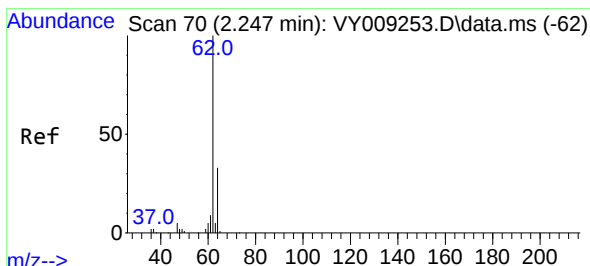
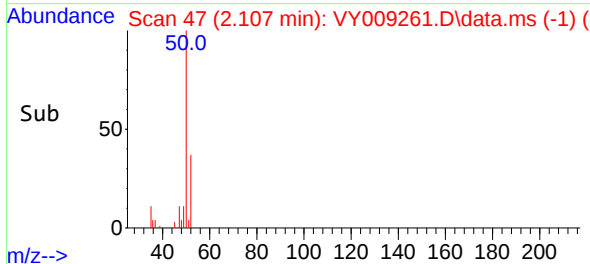
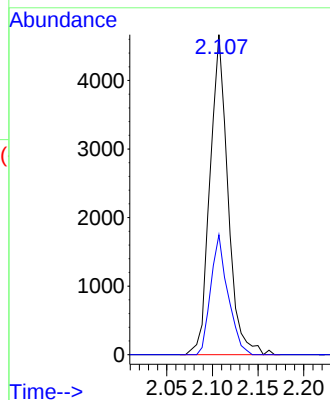
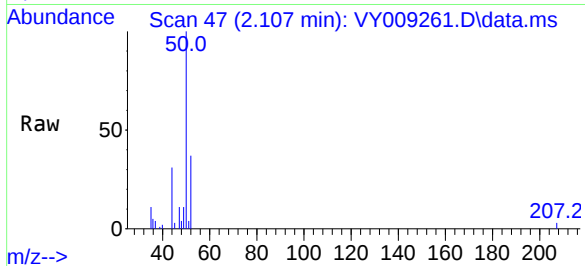




#3
Chloromethane
Concen: 4.43 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

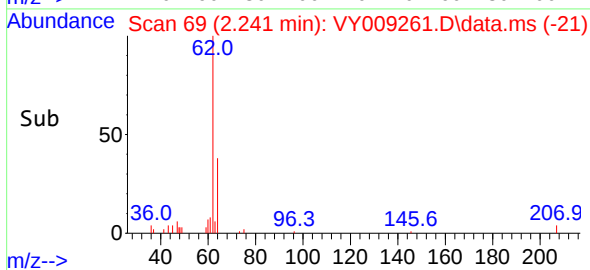
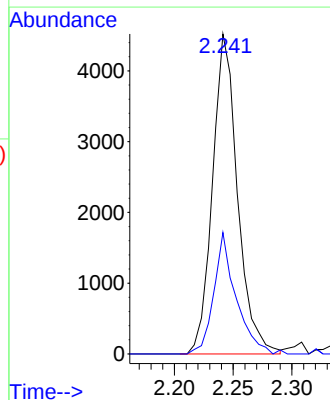
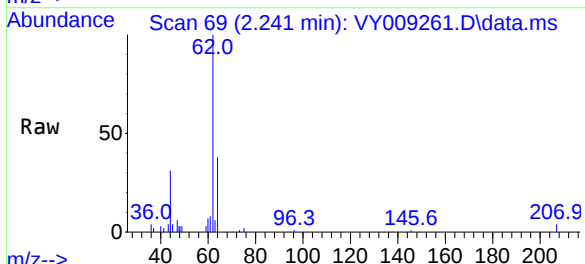
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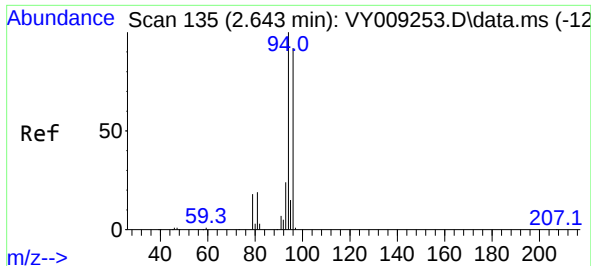
Tgt Ion: 50 Resp: 6380
Ion Ratio Lower Upper
50 100
52 37.4 24.6 37.0#



#4
Vinyl Chloride
Concen: 4.19 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 62 Resp: 6694
Ion Ratio Lower Upper
62 100
64 38.0 25.0 37.6#

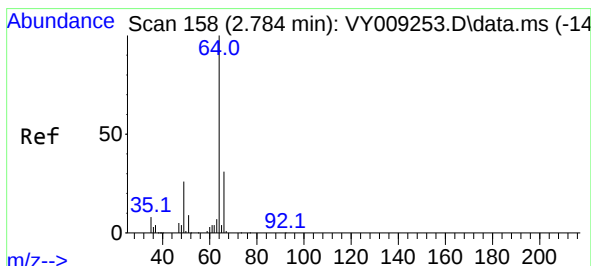
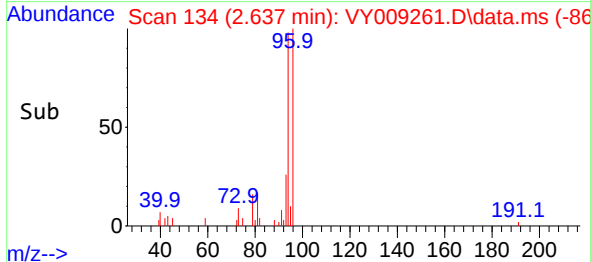
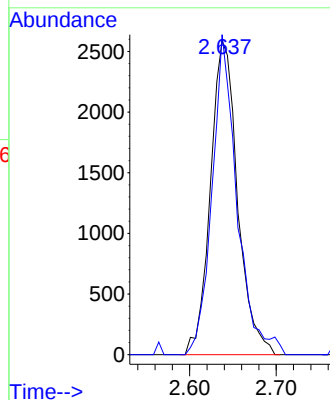
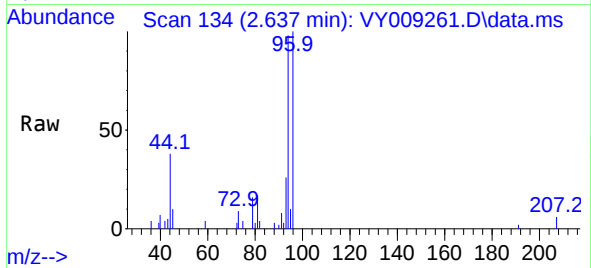




#5
Bromomethane
Concen: 5.07 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

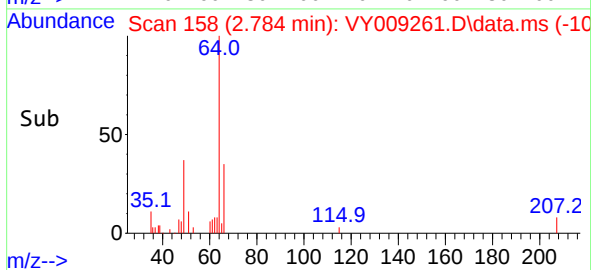
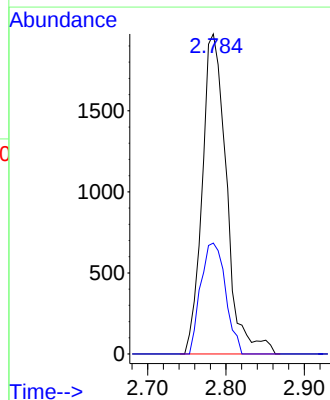
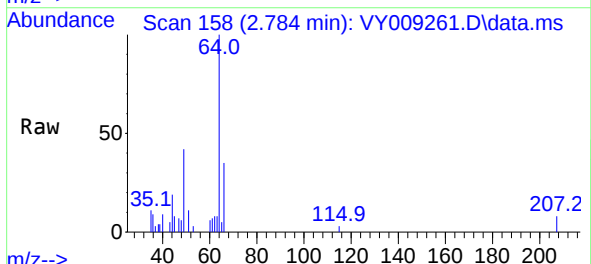
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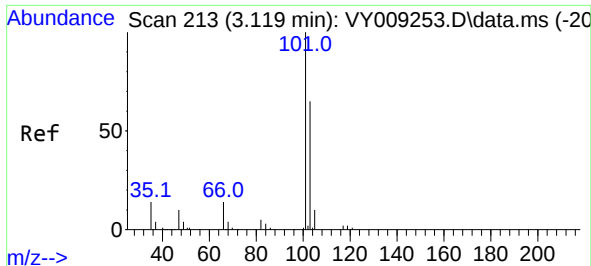
Tgt Ion: 94 Resp: 5644
Ion Ratio Lower Upper
94 100
96 101.9 73.5 110.3



#6
Chloroethane
Concen: 4.00 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009261.D
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Tgt Ion: 64 Resp: 4259
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.0

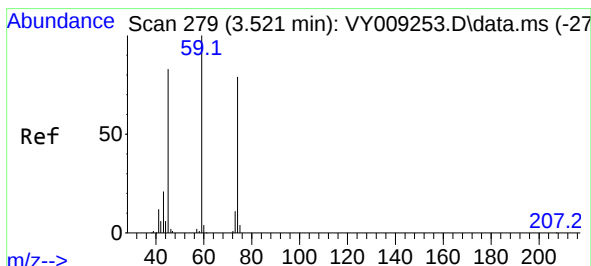
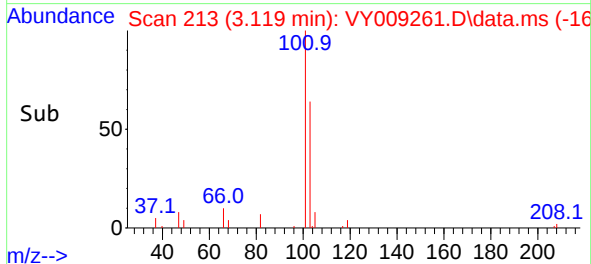
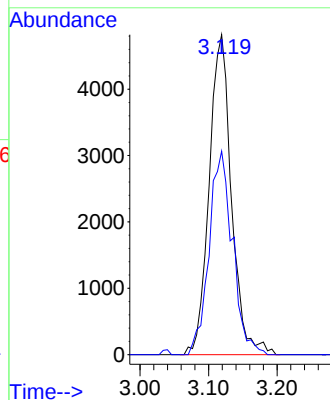
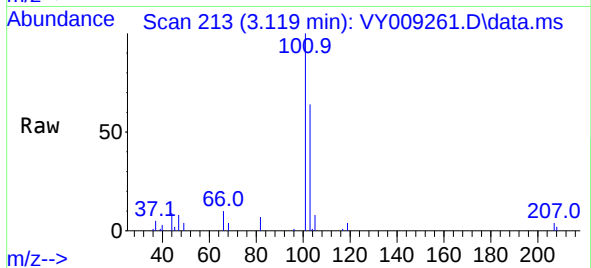




#7
Trichlorofluoromethane
Concen: 4.29 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

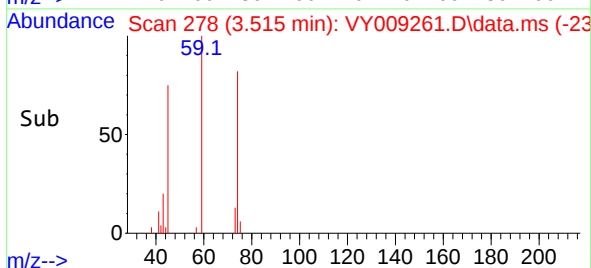
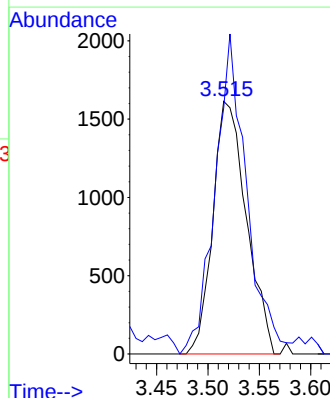
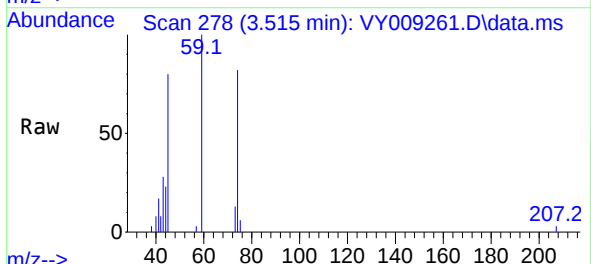
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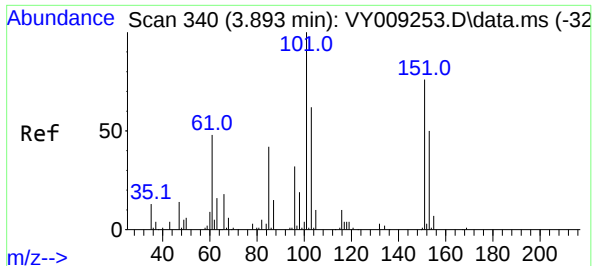
Tgt Ion:101 Resp: 10891
Ion Ratio Lower Upper
101 100
103 63.6 48.0 72.0



#8
Diethyl Ether
Concen: 3.93 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 3660
Ion Ratio Lower Upper
74 100
45 119.2 55.1 165.5

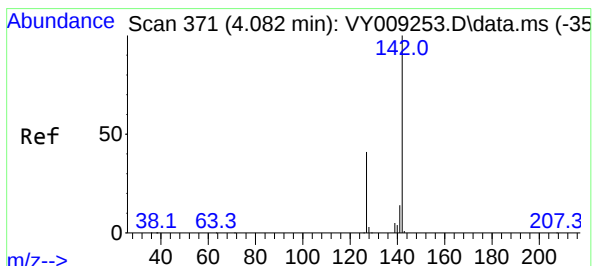
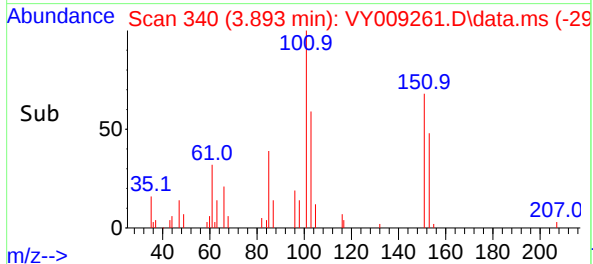
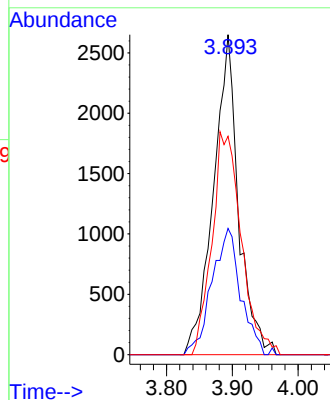
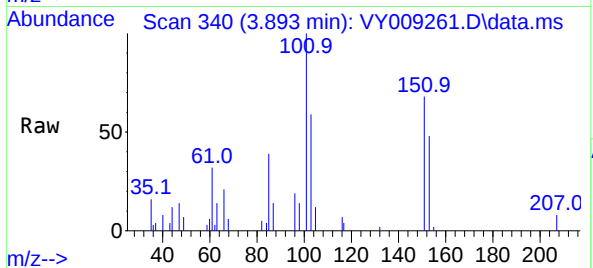




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.36 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

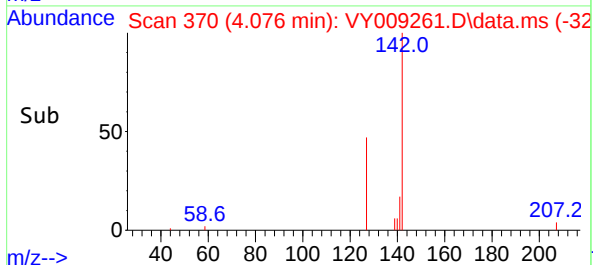
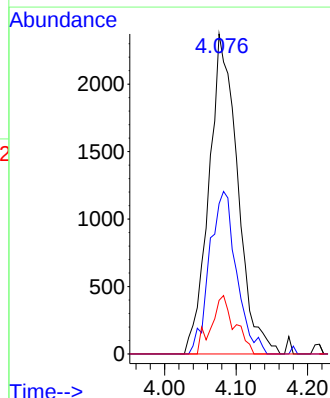
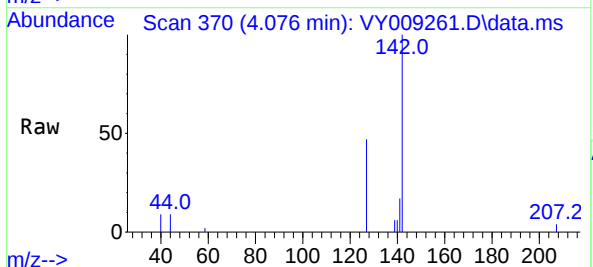
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

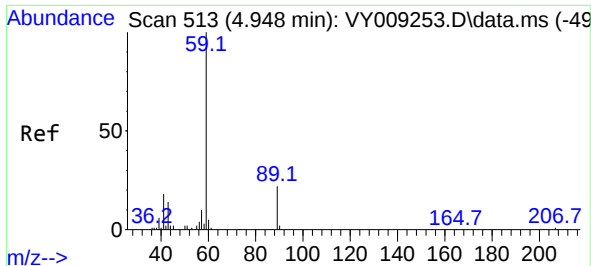
Tgt Ion:	101	Resp:	7027
Ion	Ratio	Lower	Upper
101	100		
85	45.2	40.6	60.8
151	81.3	64.9	97.3



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:	142	Resp:	6612
Ion	Ratio	Lower	Upper
142	100		
127	47.7	41.5	62.3
141	14.8	11.9	17.9

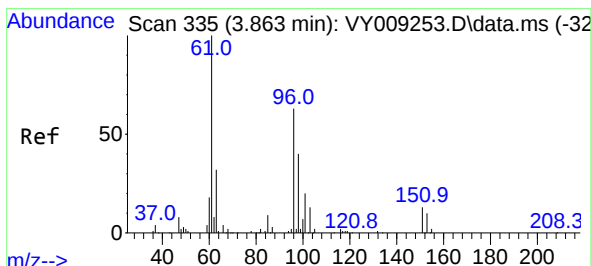
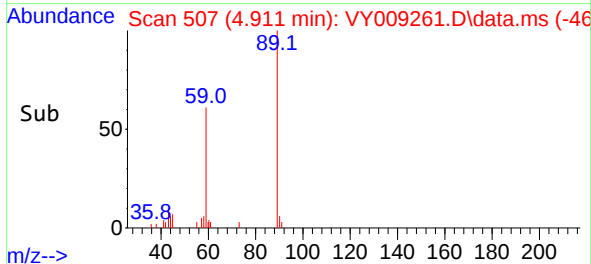
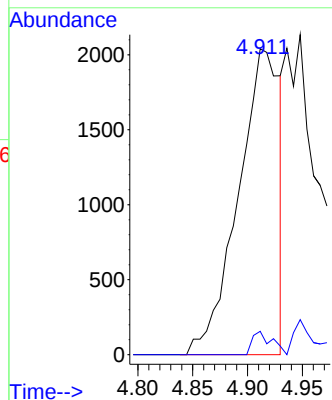
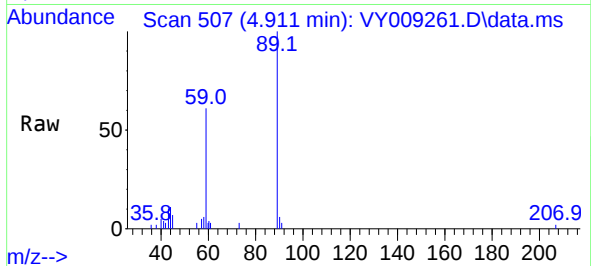




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

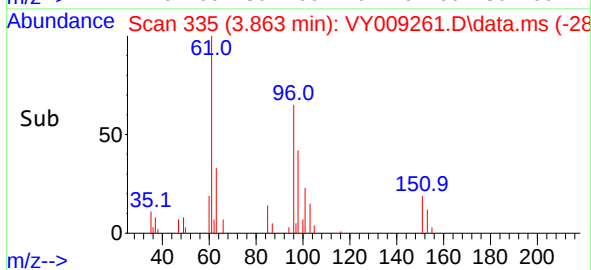
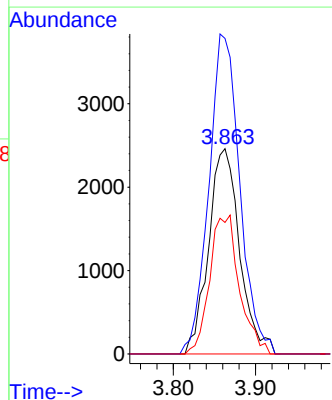
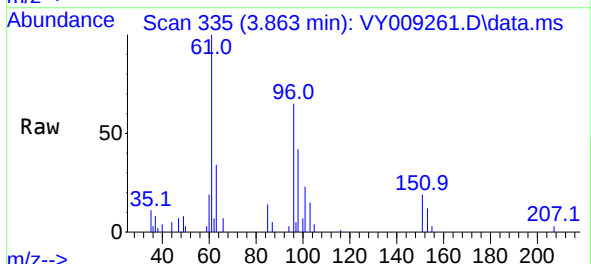
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

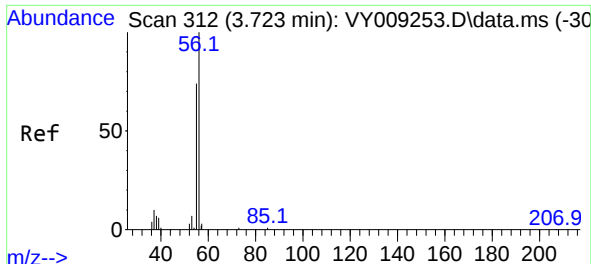
Tgt Ion: 59 Resp: 5349
Ion Ratio Lower Upper
59 100
57 3.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 4.23 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 96 Resp: 6477
Ion Ratio Lower Upper
96 100
61 153.7 145.8 218.6
98 64.1 52.5 78.7

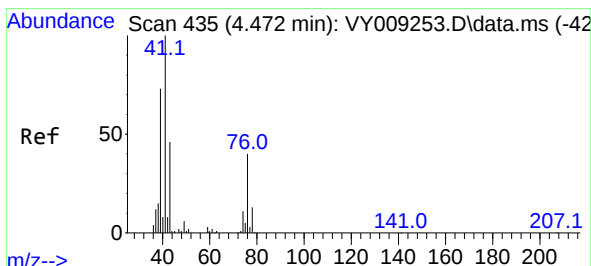
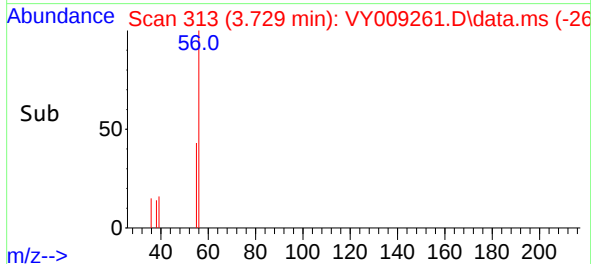
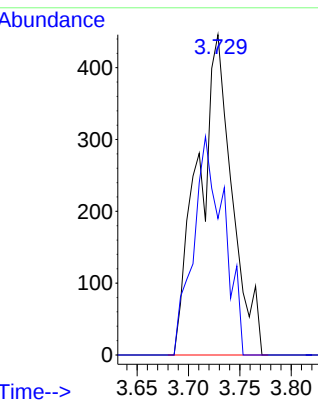
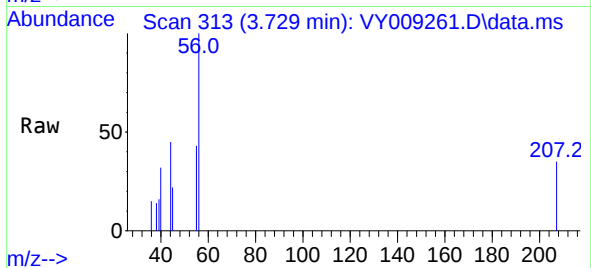




#13
Acrolein
Concen: 40.17 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

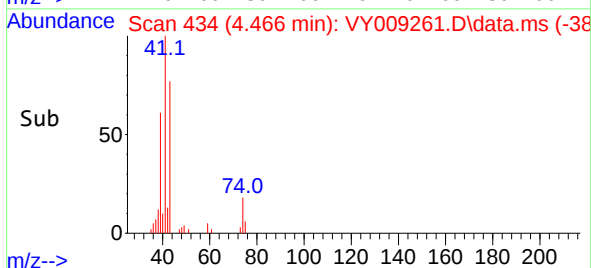
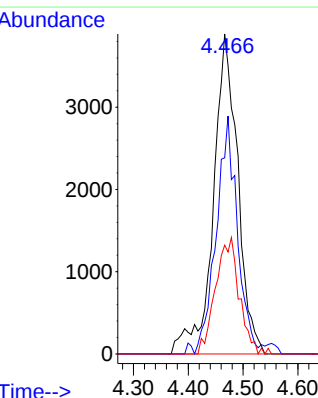
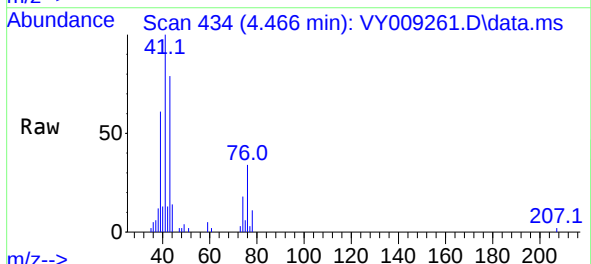
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

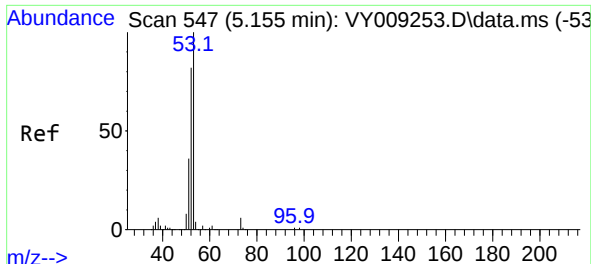
Tgt Ion: 56 Resp: 1025
Ion Ratio Lower Upper
56 100
55 61.2 57.6 86.4



#14
Allyl chloride
Concen: 4.37 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 41 Resp: 12045
Ion Ratio Lower Upper
41 100
39 63.9 58.8 88.2
76 35.3 25.1 37.7

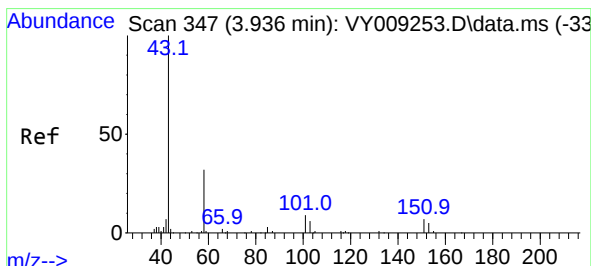
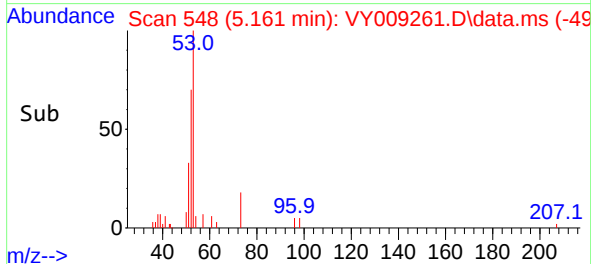
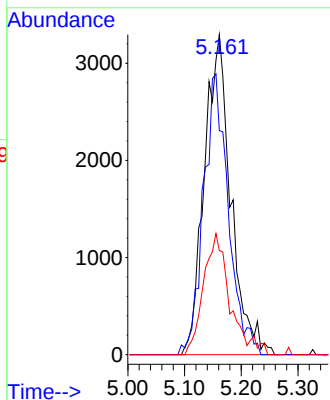
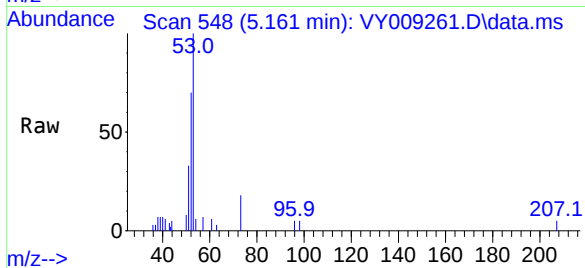




#15
Acrylonitrile
Concen: 20.64 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

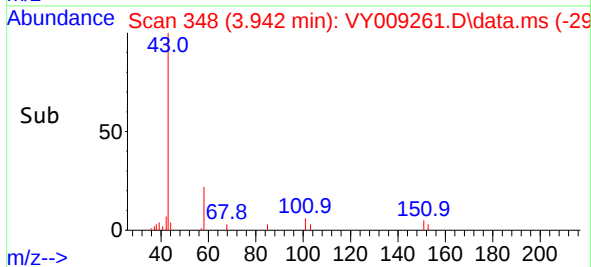
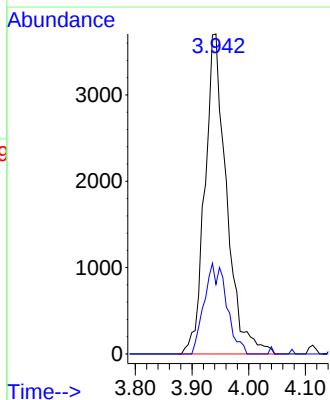
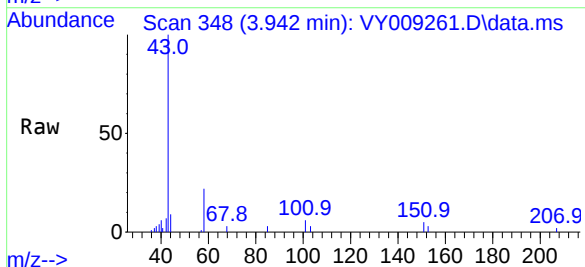
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

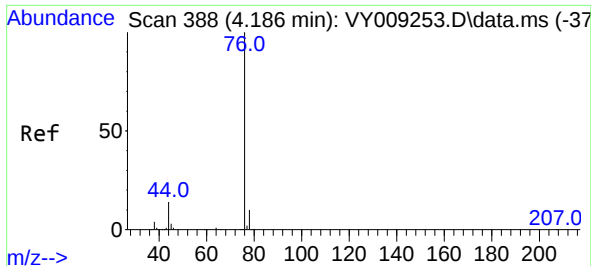
Tgt Ion: 53 Resp: 10720
Ion Ratio Lower Upper
53 100
52 82.0 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 22.68 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 43 Resp: 9845
Ion Ratio Lower Upper
43 100
58 21.8 22.0 33.0#

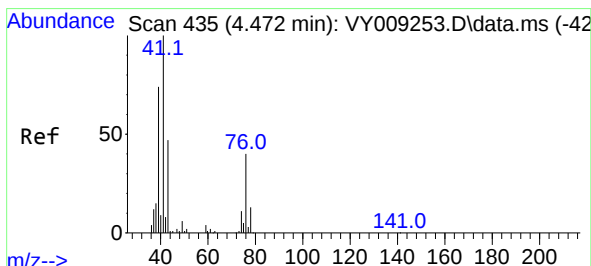
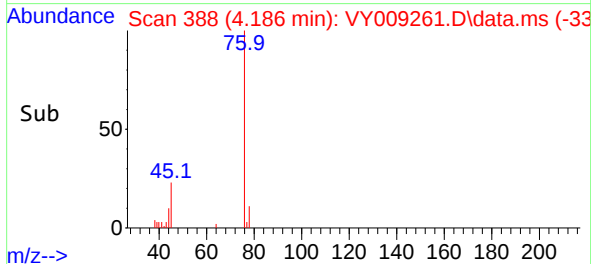
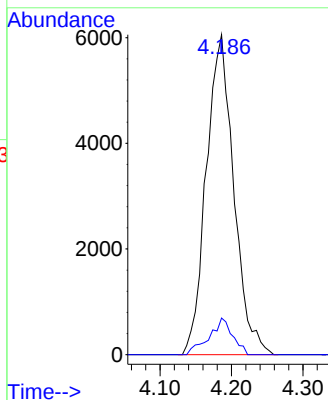
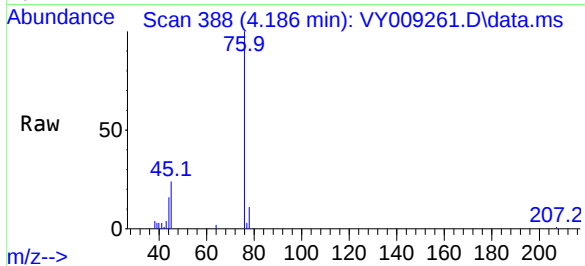




#17
Carbon Disulfide
Concen: 3.80 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

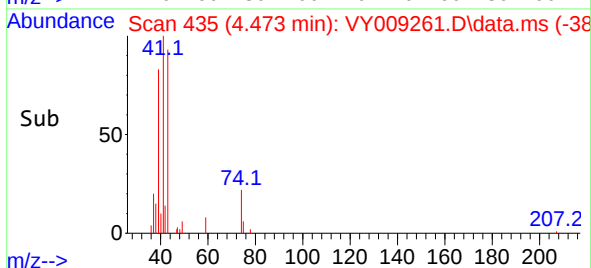
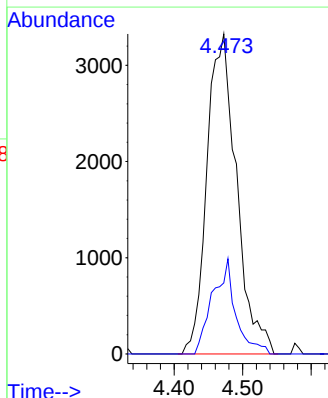
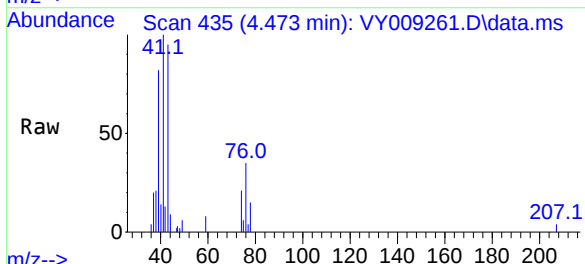
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

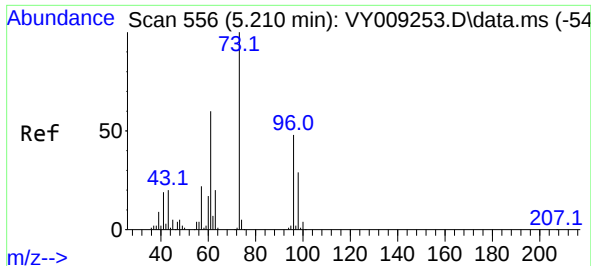
Tgt Ion: 76 Resp: 16168
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#



#18
Methyl Acetate
Concen: 4.52 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 43 Resp: 9964
Ion Ratio Lower Upper
43 100
74 23.2 16.6 24.8

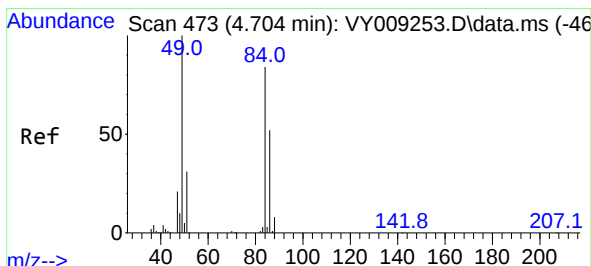
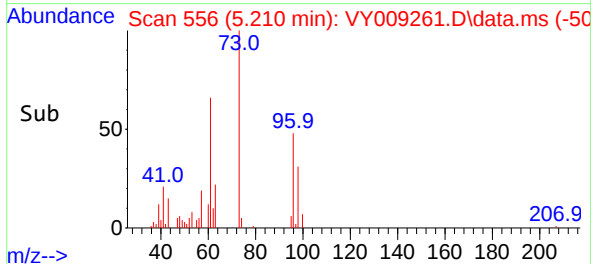
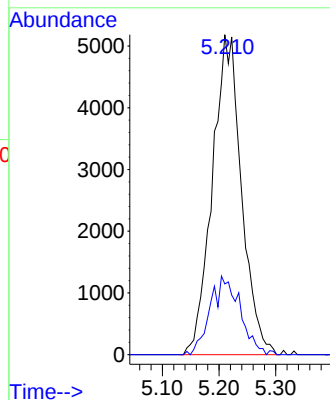
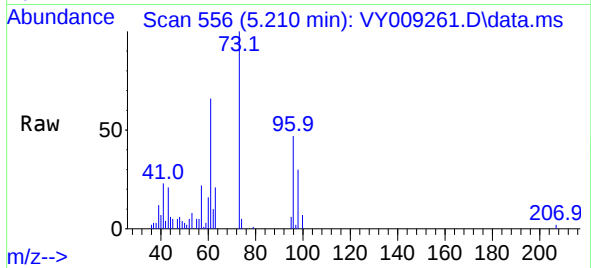




#19
Methyl tert-butyl Ether
Concen: 4.02 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

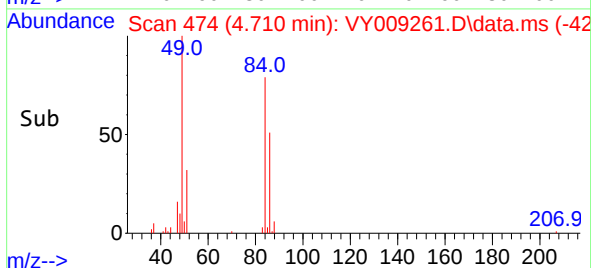
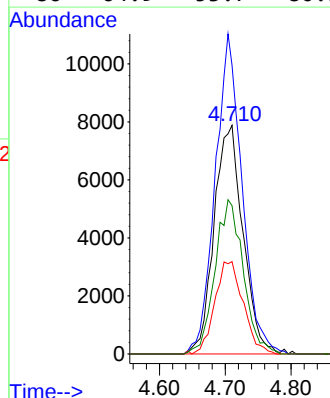
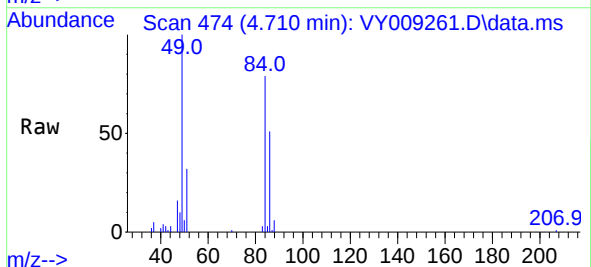
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

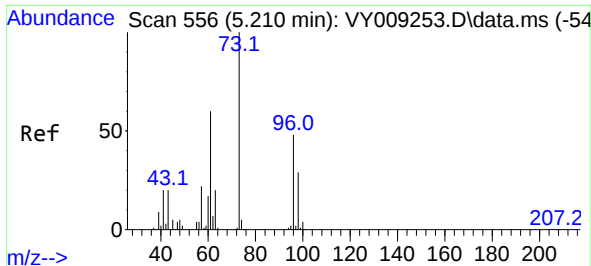
Tgt Ion: 73 Resp: 18524
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8



#20
Methylene Chloride
Concen: 4.84 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 84 Resp: 24123
Ion Ratio Lower Upper
84 100
49 126.3 114.4 171.6
51 40.4 35.3 52.9
86 64.9 53.7 80.5

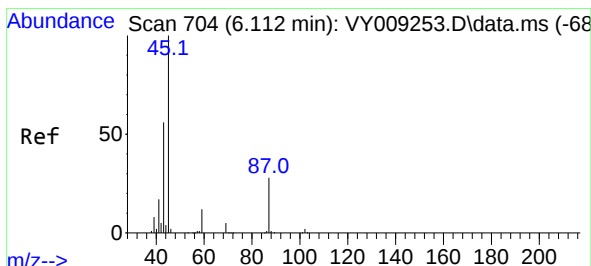
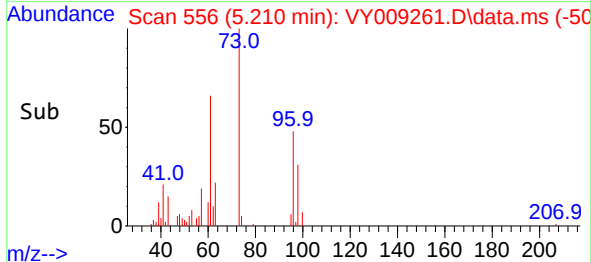
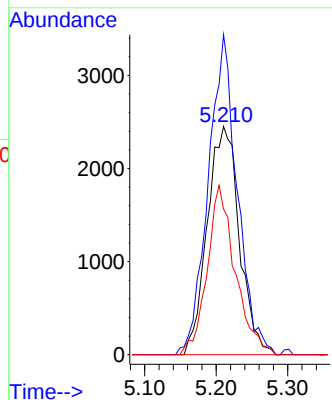
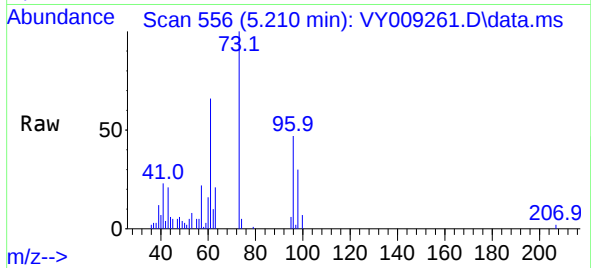




#21
trans-1,2-Dichloroethene
Concen: 4.20 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

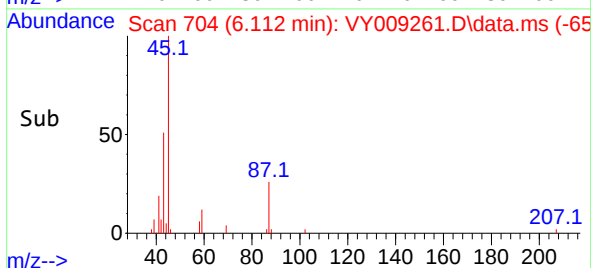
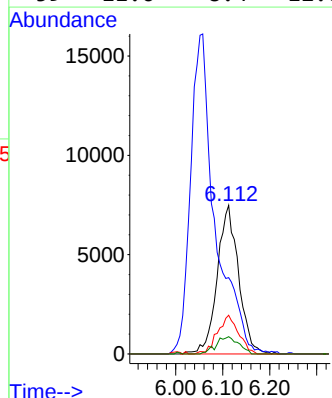
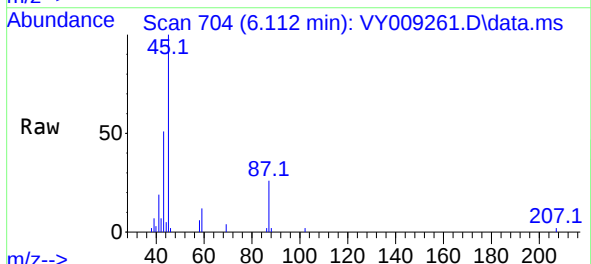
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

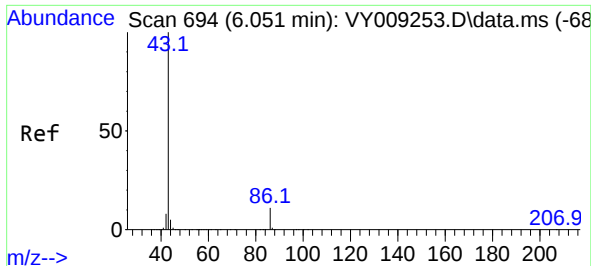
Tgt Ion: 96 Resp: 7636
Ion Ratio Lower Upper
96 100
61 140.2 120.5 180.7
98 63.7 49.8 74.8



#22
Diisopropyl ether
Concen: 4.09 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 45 Resp: 23672
Ion Ratio Lower Upper
45 100
43 51.3 49.3 73.9
87 26.1 19.2 28.8
59 11.6 8.4 12.6

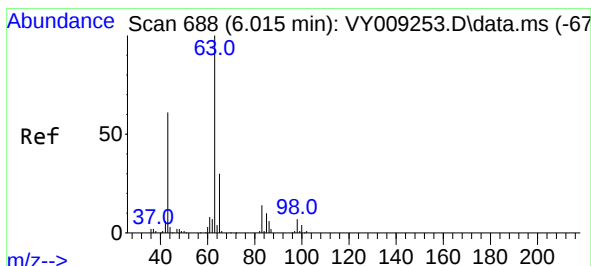
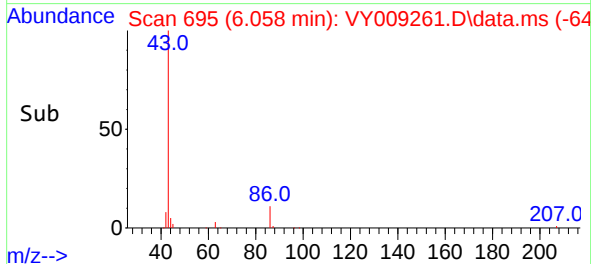
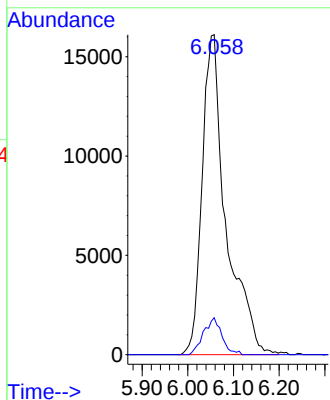
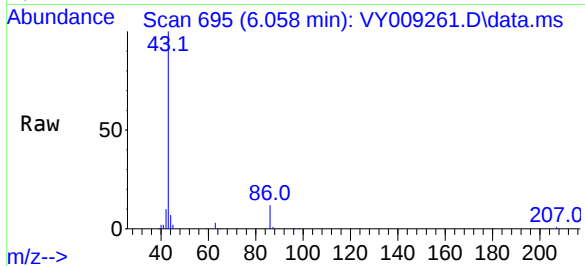




#23
Vinyl Acetate
Concen: 16.44 ug/l
RT: 6.058 min Scan# 61
Delta R.T. 0.007 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

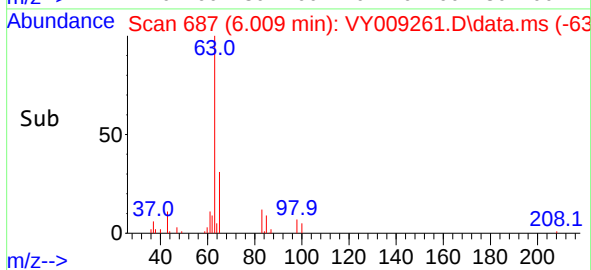
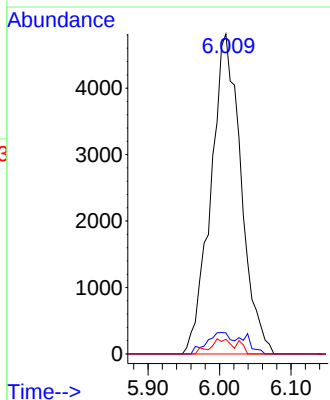
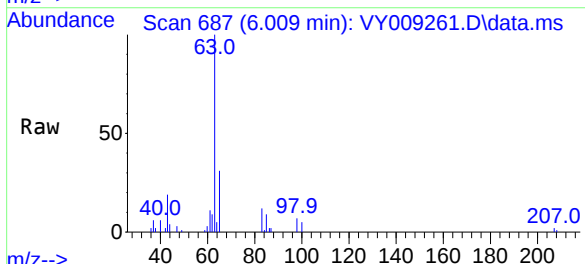
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

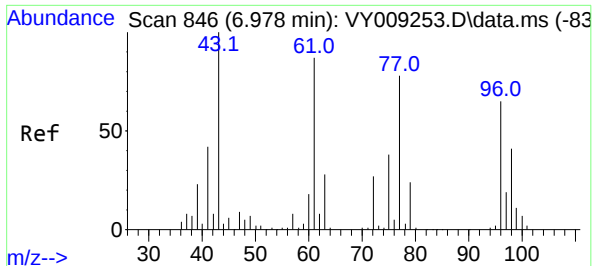
Tgt Ion: 43 Resp: 58437
Ion Ratio Lower Upper
43 100
86 11.5 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 4.30 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 63 Resp: 14085
Ion Ratio Lower Upper
63 100
98 6.6 3.6 10.8
100 4.6 2.0 5.8





#25

2-Butanone

Concen: 22.38 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

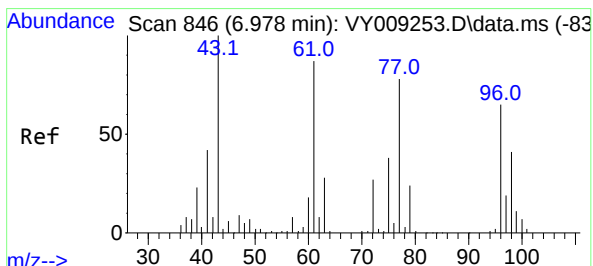
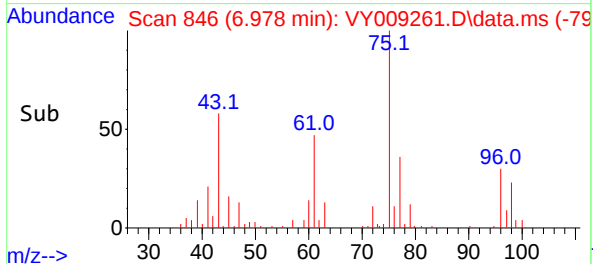
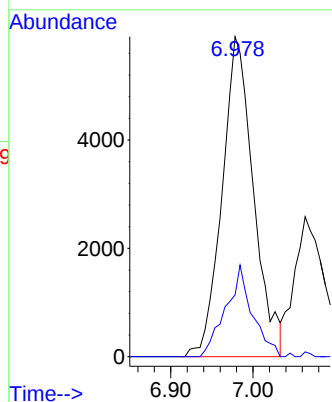
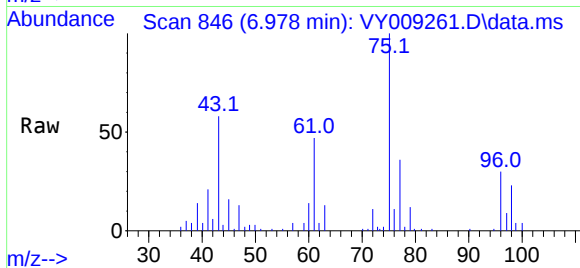
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 43 Resp: 15692

Ion Ratio Lower Upper

43 100

72 19.3 17.7 26.5



#26

2,2-Dichloropropane

Concen: 4.19 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009261.D

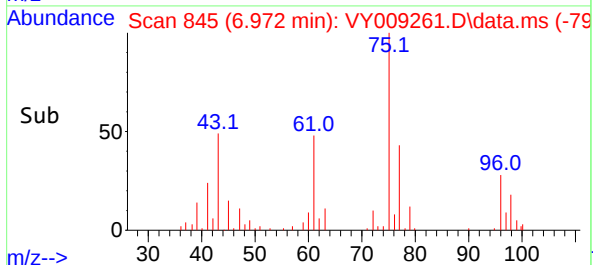
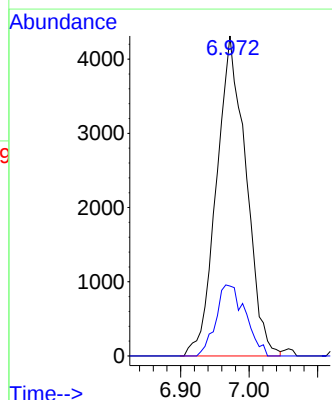
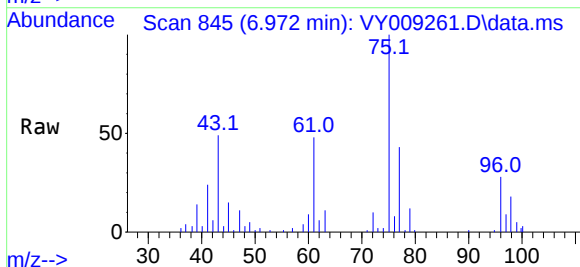
Acq: 21 Jun 2022 17:31

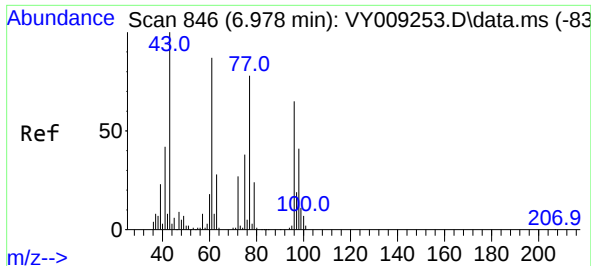
Tgt Ion: 77 Resp: 12895

Ion Ratio Lower Upper

77 100

97 22.2 10.4 31.4

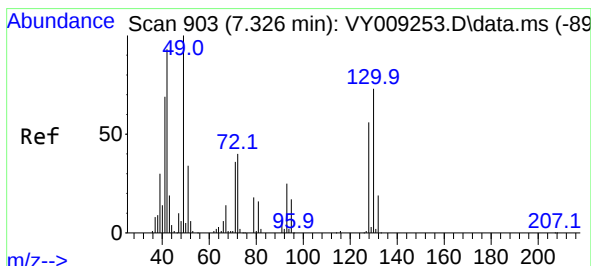
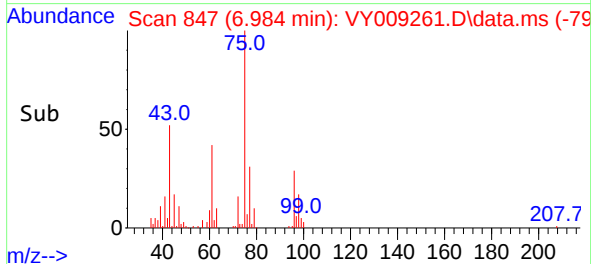
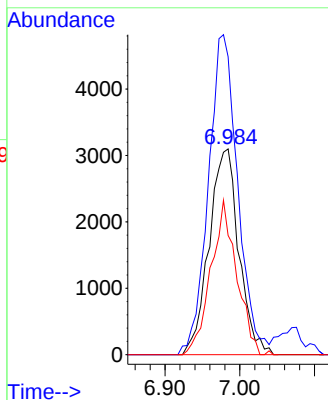
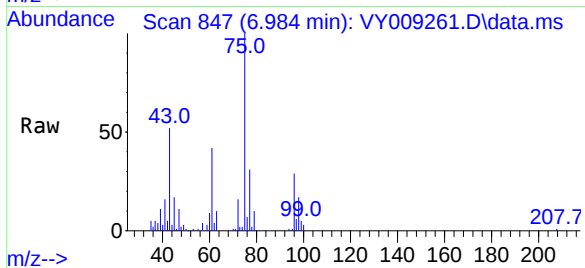




#27
 cis-1,2-Dichloroethene
 Concen: 4.03 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

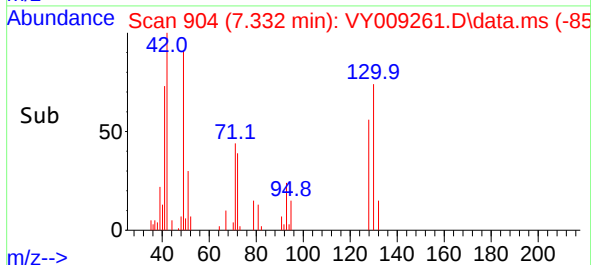
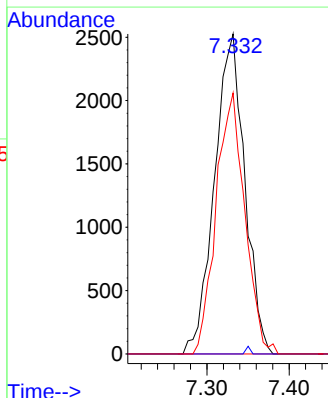
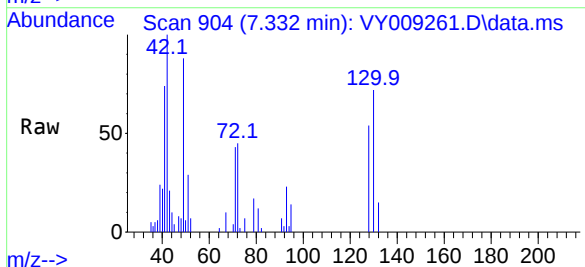
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 4.0PPB

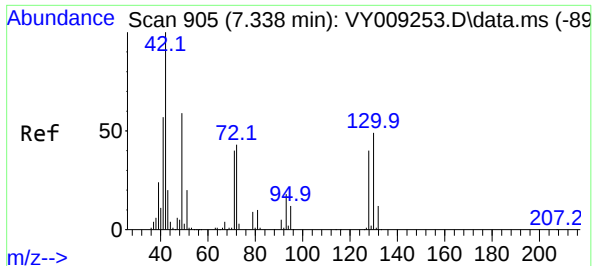
Tgt Ion: 96 Resp: 8580
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 319.8
 98 64.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 4.57 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

Tgt Ion: 49 Resp: 6463
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 2.2
 130 77.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 21.66 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009261.D

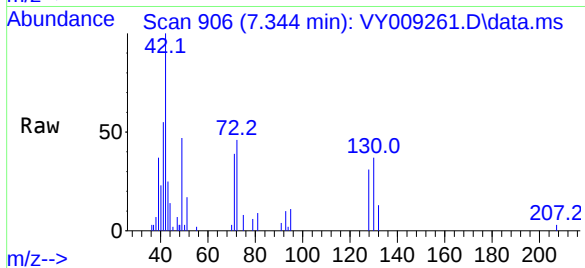
Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB



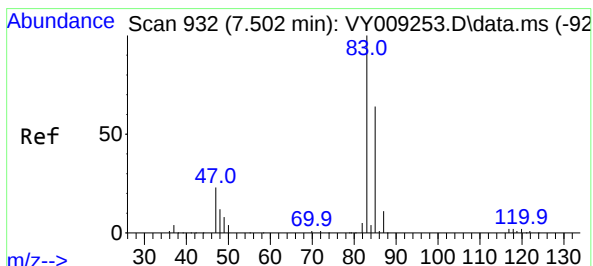
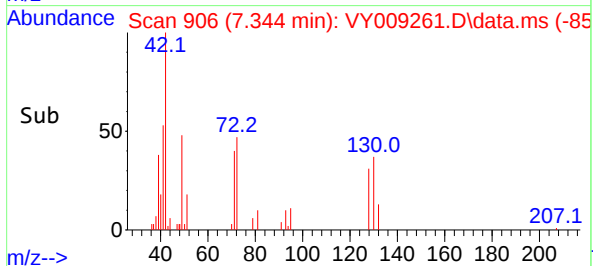
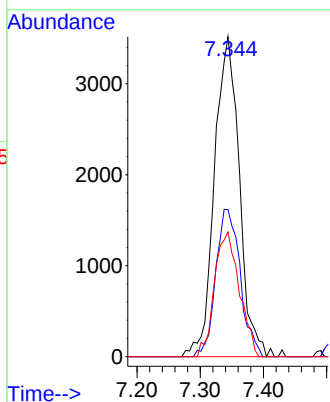
Tgt Ion: 42 Resp: 9616

Ion Ratio Lower Upper

42 100

72 45.0 30.3 45.5

71 38.8 29.0 43.4



#30

Chloroform

Concen: 4.25 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009261.D

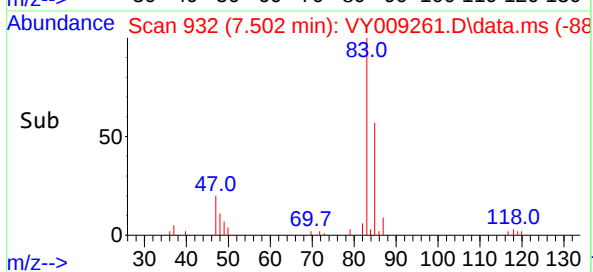
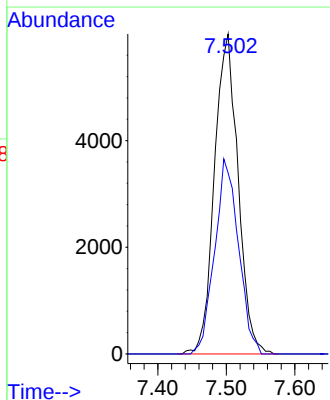
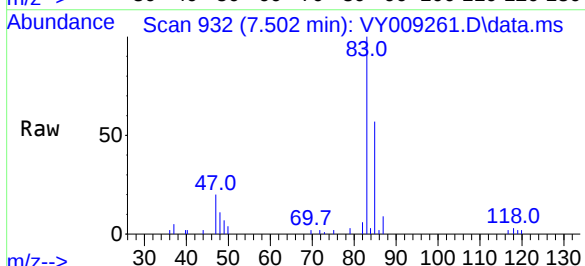
Acq: 21 Jun 2022 17:31

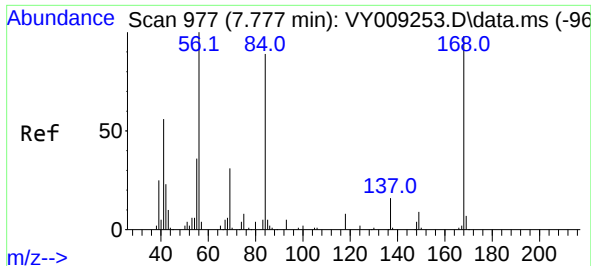
Tgt Ion: 83 Resp: 14330

Ion Ratio Lower Upper

83 100

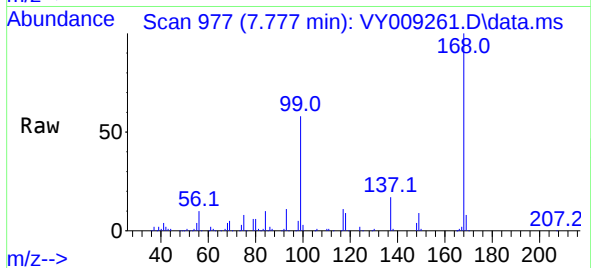
85 56.6 51.8 77.6



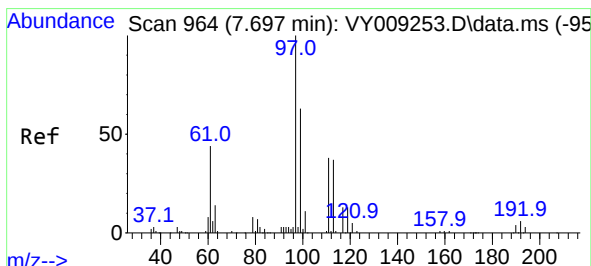
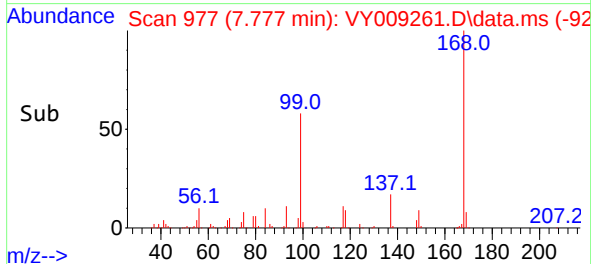
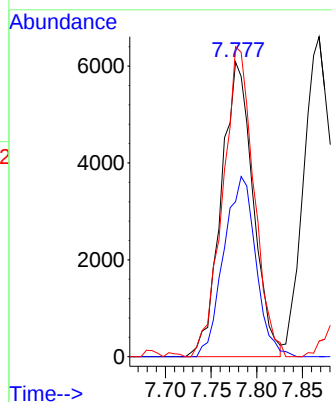


#31
Cyclohexane
Concen: 4.84 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

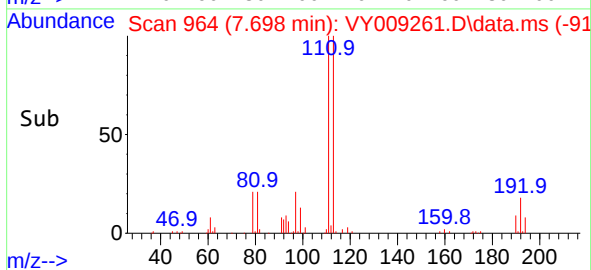
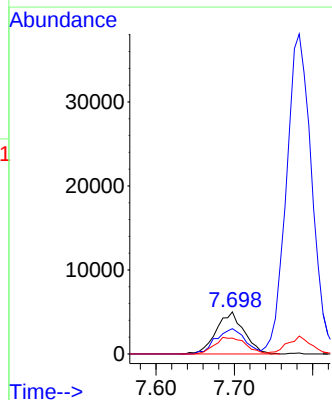
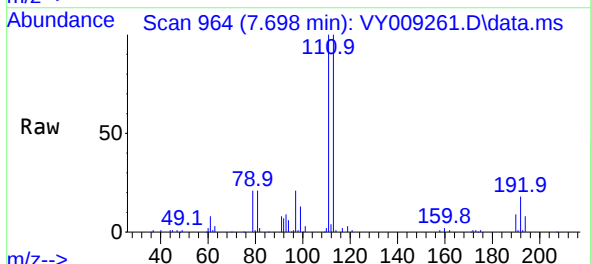


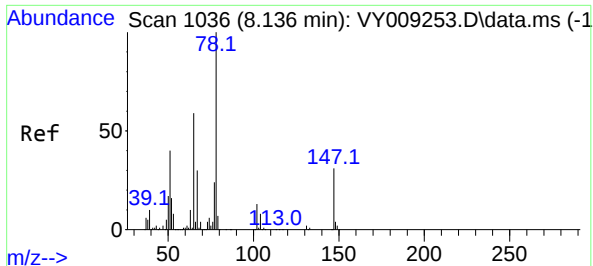
Tgt Ion: 56 Resp: 14753
Ion Ratio Lower Upper
56 100
69 52.6 26.7 40.1#
84 104.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.16 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 97 Resp: 12249
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 43.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.26 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

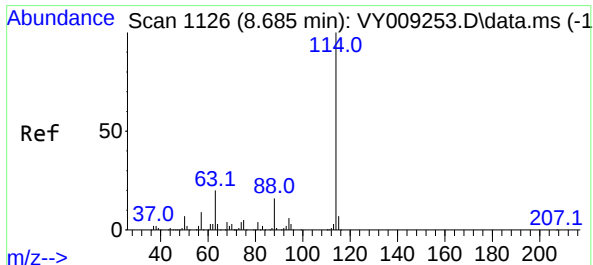
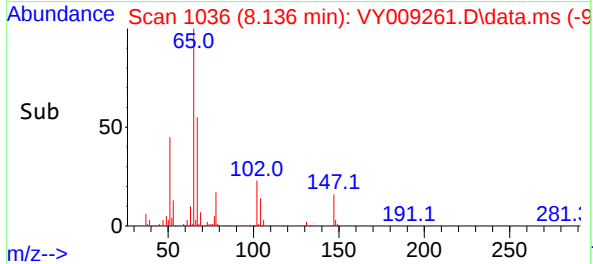
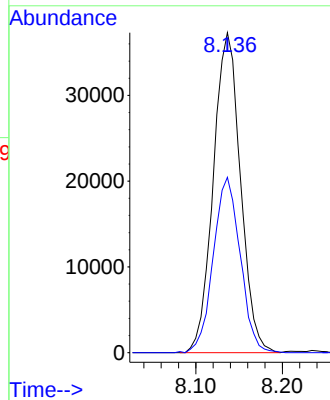
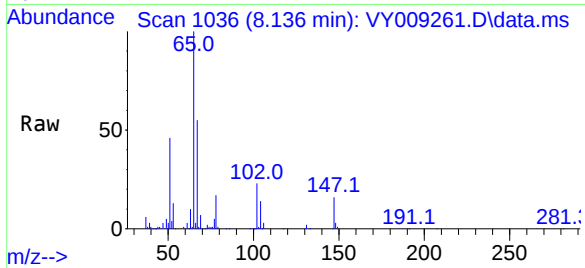
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 65 Resp: 81280

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

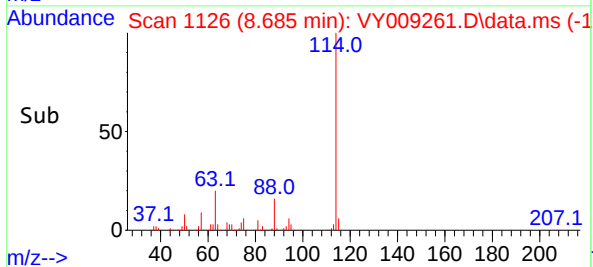
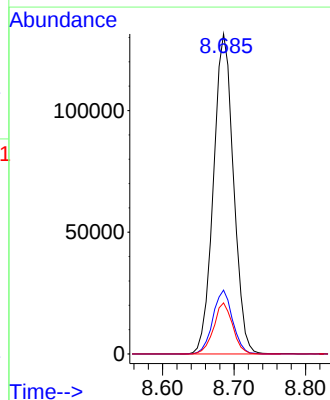
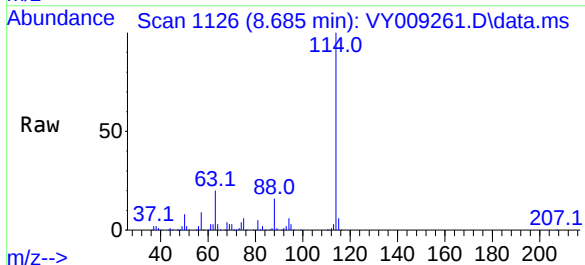
Tgt Ion: 114 Resp: 256190

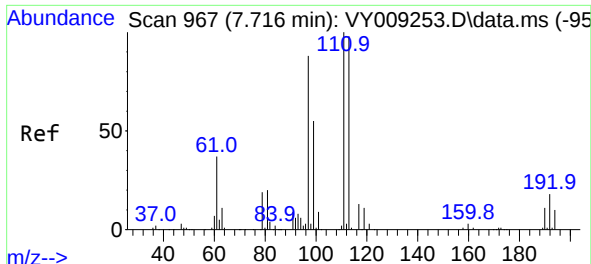
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.9 0.0 31.8

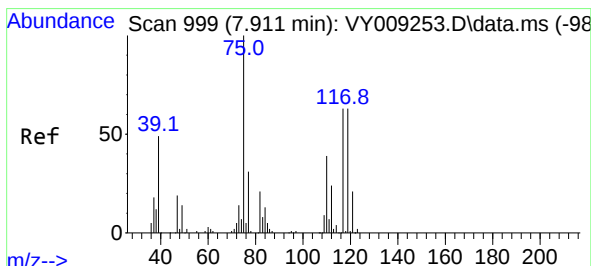
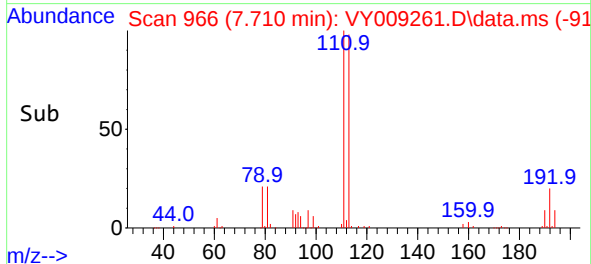
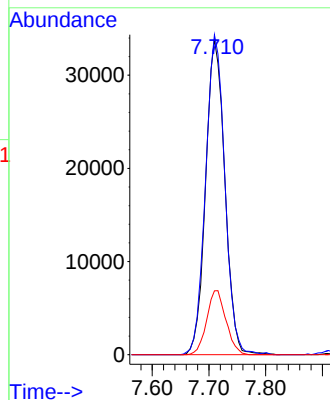
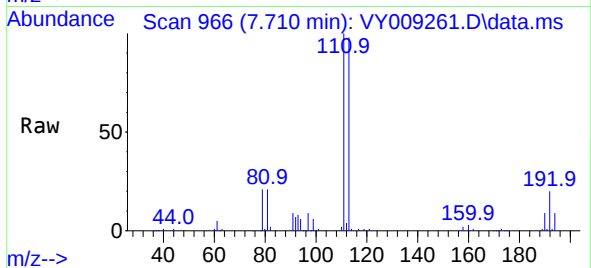




#35
Dibromofluoromethane
Concen: 47.89 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

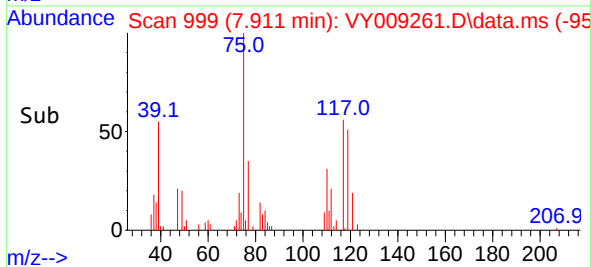
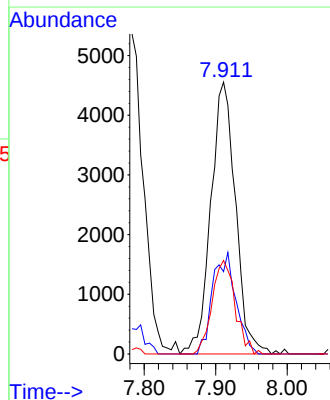
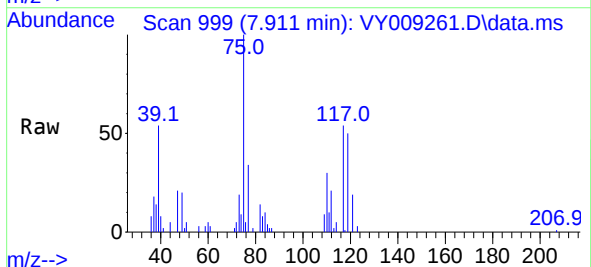
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

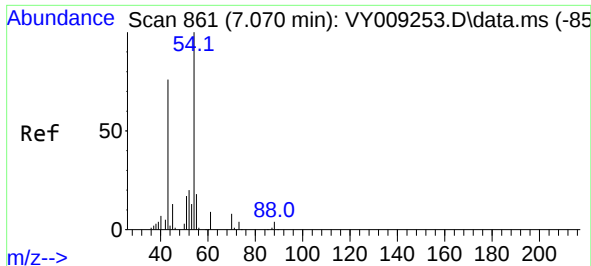
Tgt Ion:113 Resp: 79449
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 75 Resp: 10943
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 32.0 24.4 36.6

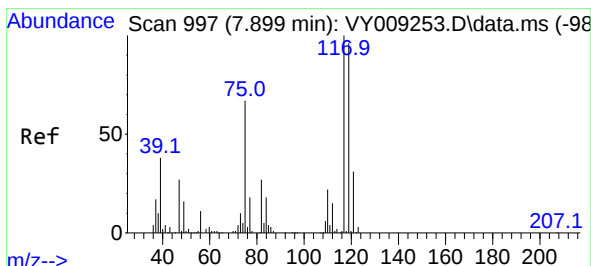
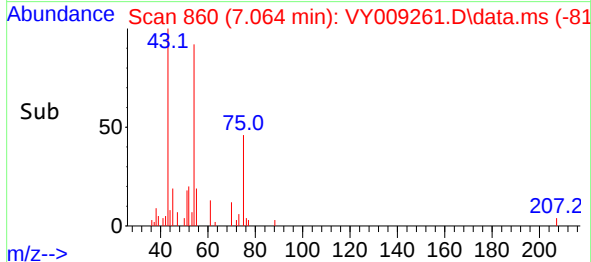
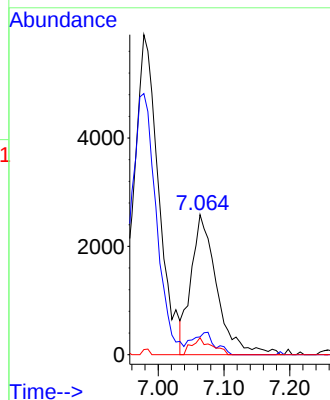
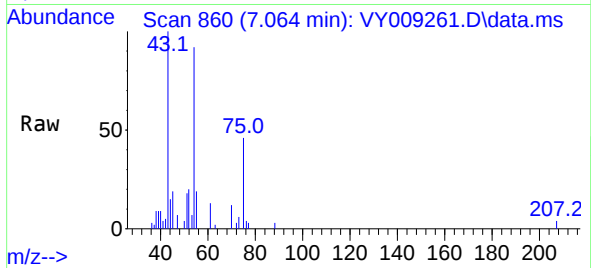




#37
Ethyl Acetate
Concen: 4.62 ug/l
RT: 7.064 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

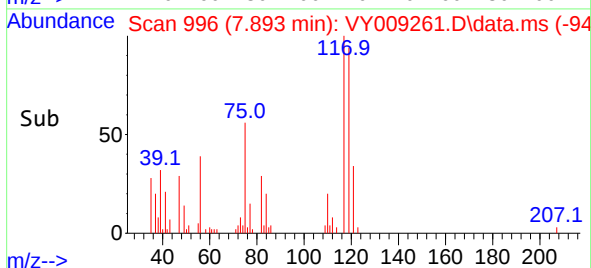
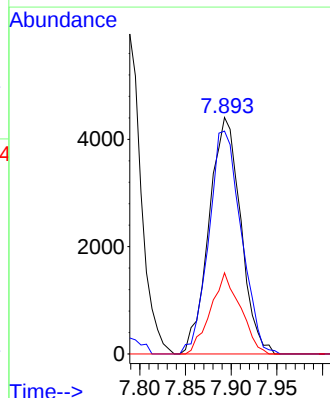
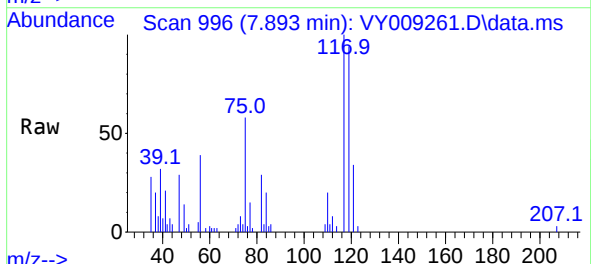
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

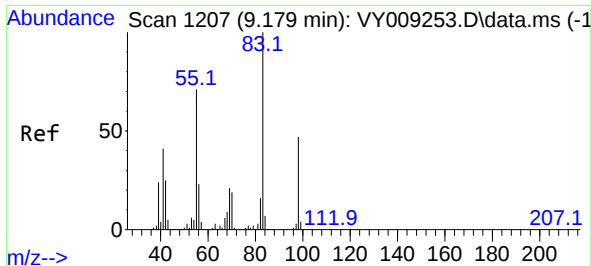
Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 4.04 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 117 Resp: 10612
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
121 34.3 24.8 37.2





#39

Methylcyclohexane

Concen: 3.93 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

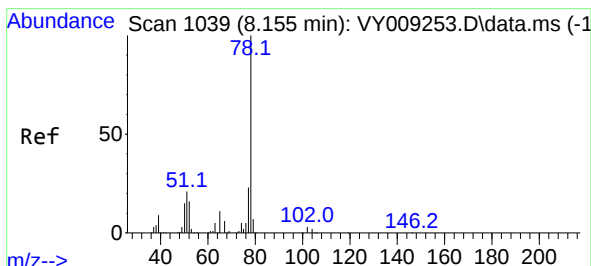
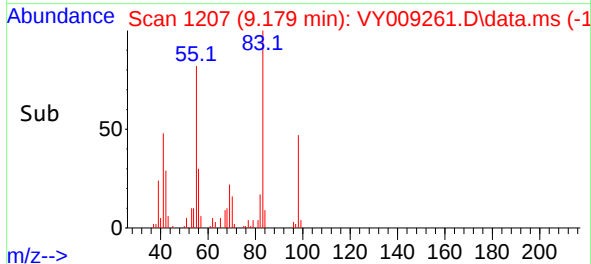
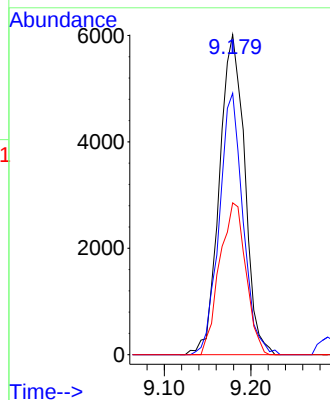
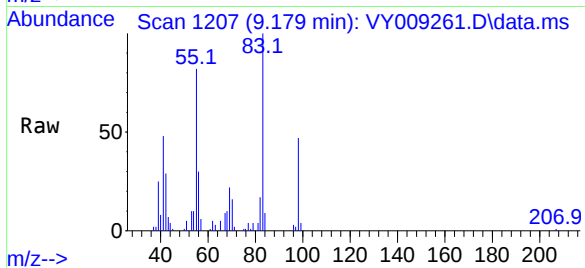
Tgt Ion: 83 Resp: 12187

Ion Ratio Lower Upper

83 100

55 81.7 66.5 99.7

98 47.4 37.9 56.9



#40

Benzene

Concen: 4.06 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009261.D

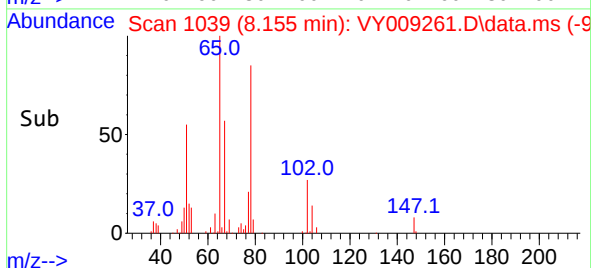
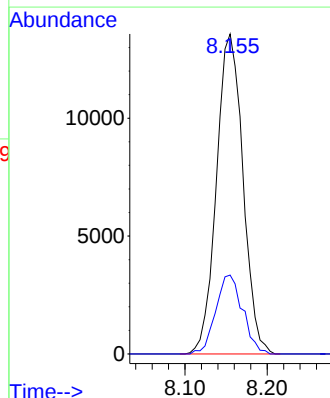
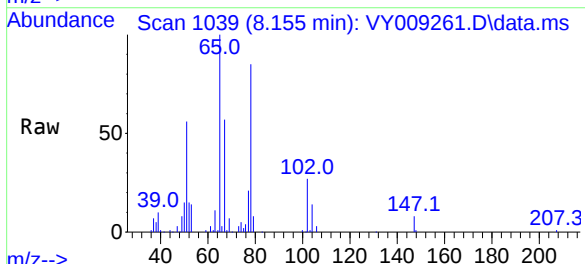
Acq: 21 Jun 2022 17:31

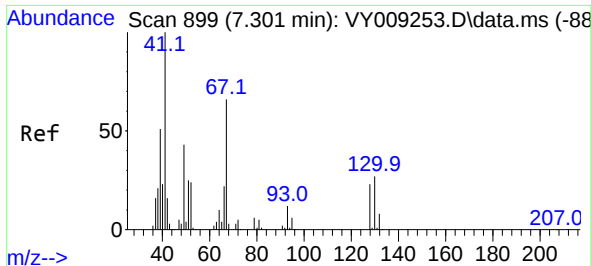
Tgt Ion: 78 Resp: 30349

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6

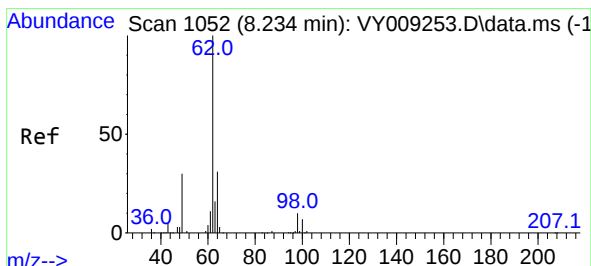
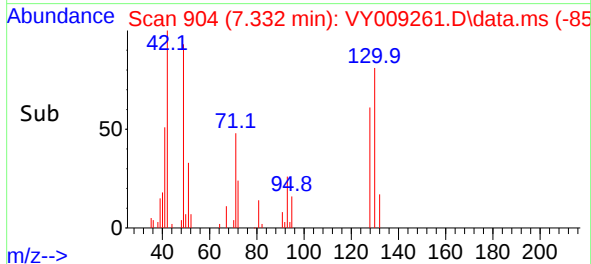
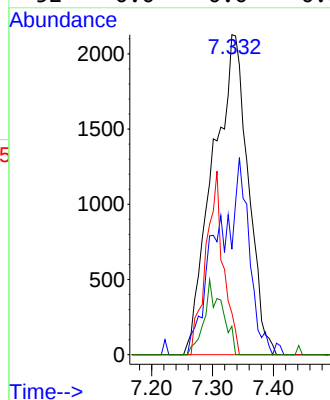
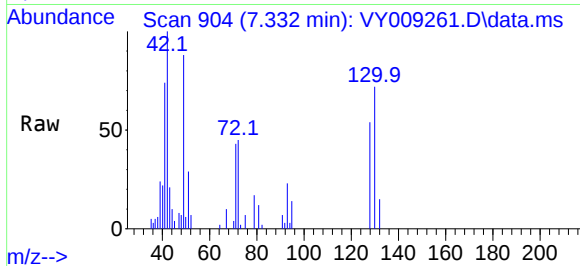




#41
Methacrylonitrile
Concen: 10.13 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

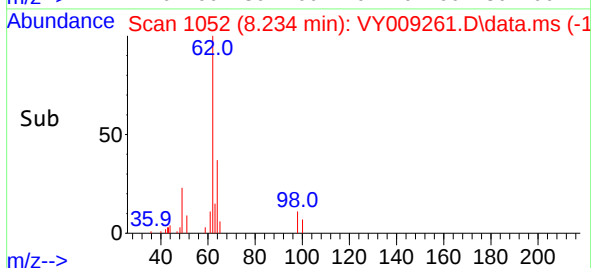
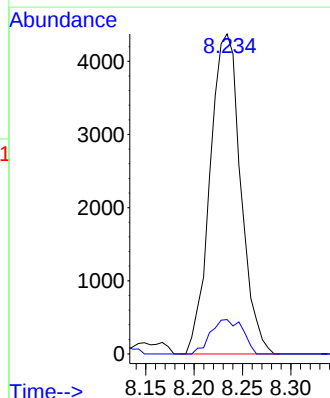
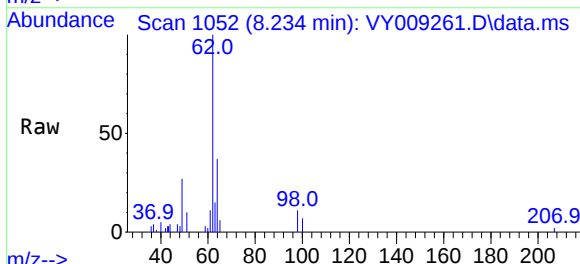
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

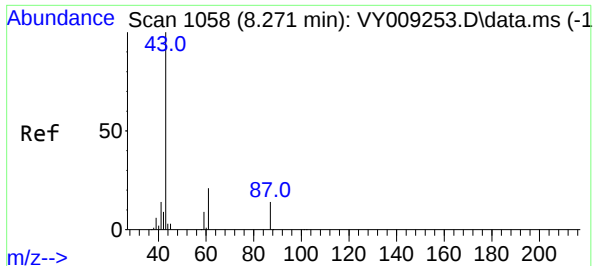
Tgt Ion:	41	Resp:	8578
Ion	Ratio	Lower	Upper
41	100		
39	25.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 4.49 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:	62	Resp:	9625
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	14.8

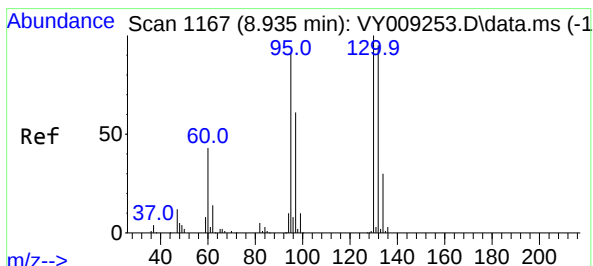
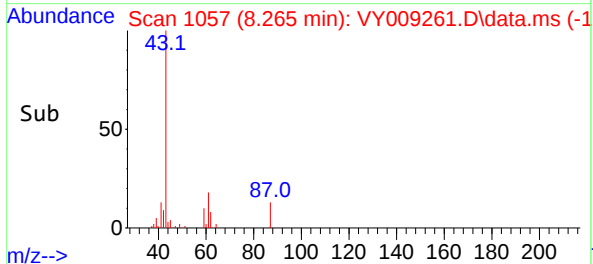
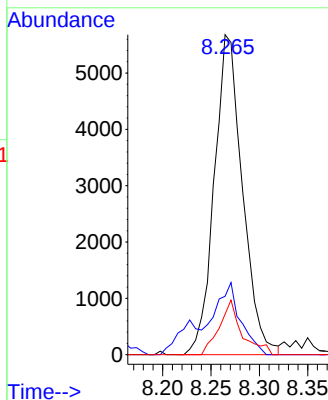
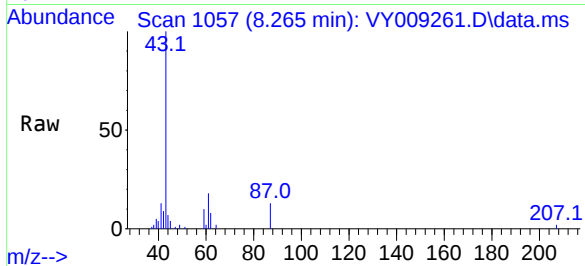




#43
Isopropyl Acetate
Concen: 4.12 ug/l
RT: 8.265 min Scan# 11057
Delta R.T. -0.007 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

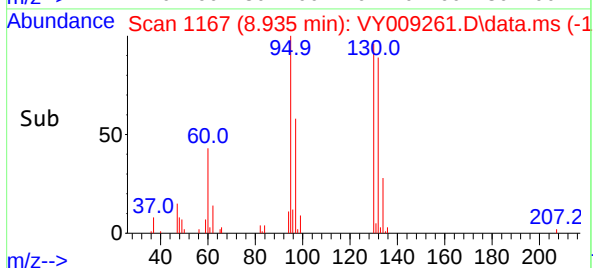
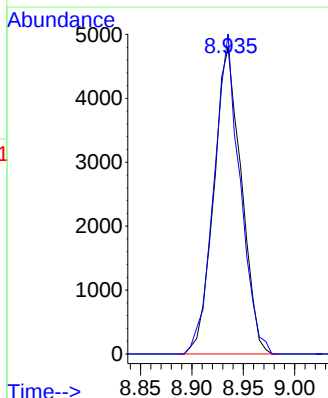
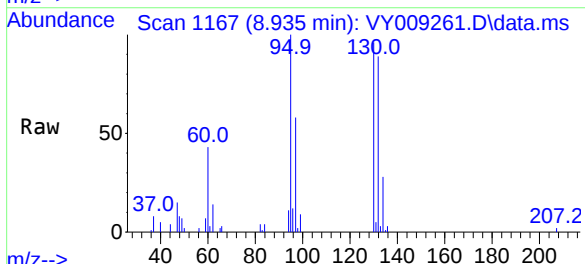
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

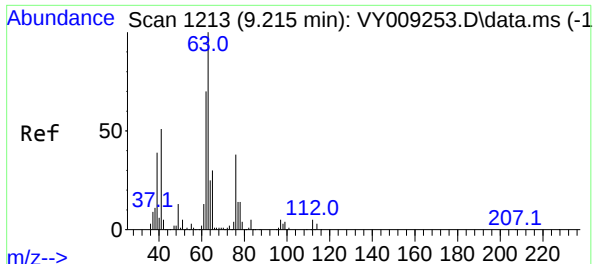
Tgt Ion:	43	Resp:	11524
Ion	Ratio	Lower	Upper
43	100		
61	20.5	20.2	30.2
87	13.6	8.9	13.3



#44
Trichloroethene
Concen: 4.23 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:	130	Resp:	8906
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	188.2

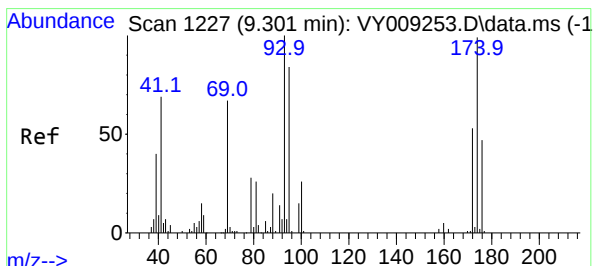
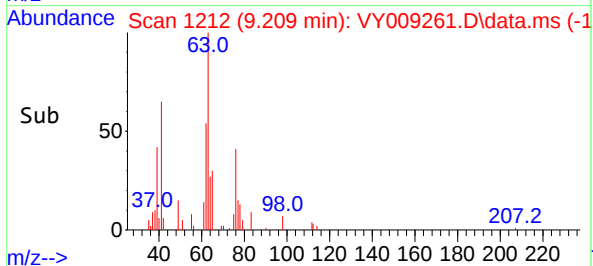
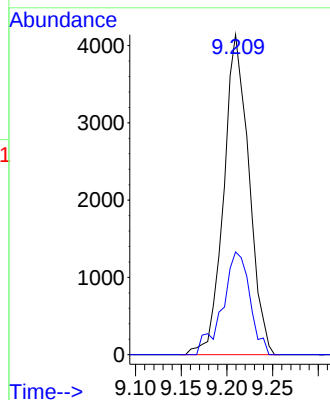
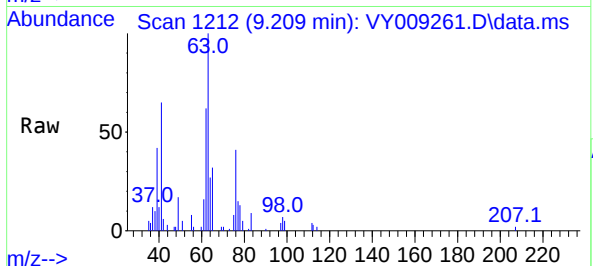




#45
1,2-Dichloropropane
Concen: 4.13 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

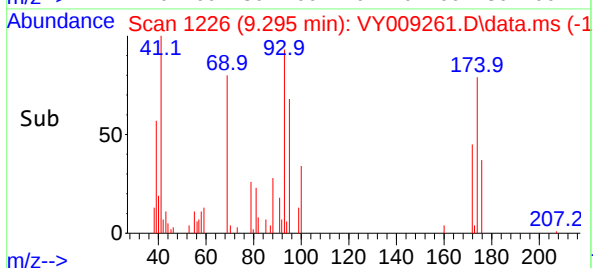
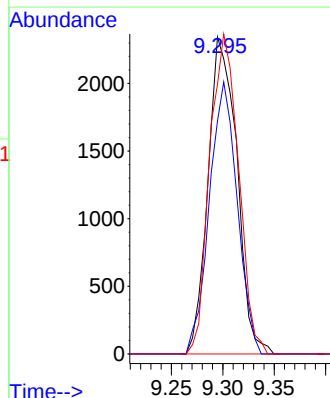
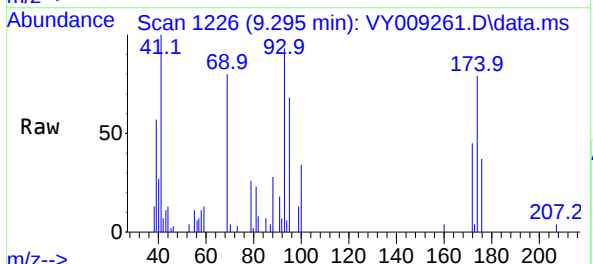
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

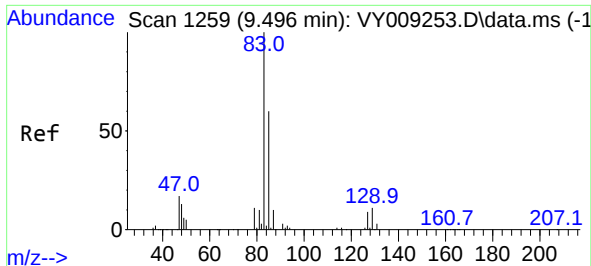
Tgt Ion: 63 Resp: 7954
Ion Ratio Lower Upper
63 100
65 32.1 23.0 34.6



#46
Dibromomethane
Concen: 4.17 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 93 Resp: 4559
Ion Ratio Lower Upper
93 100
95 83.1 64.3 96.5
174 101.1 83.4 125.0

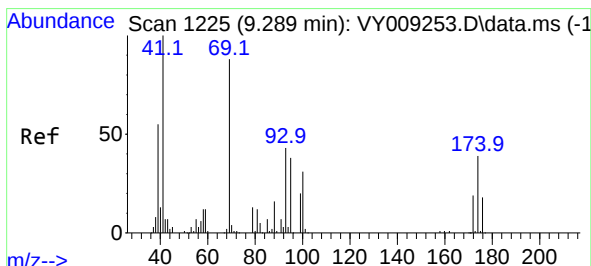
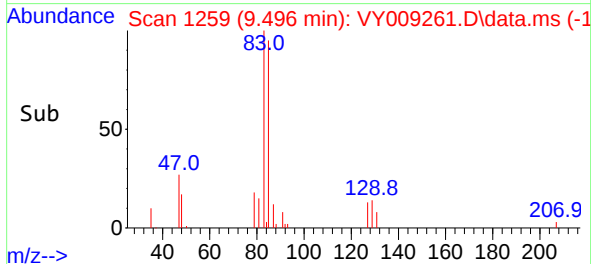
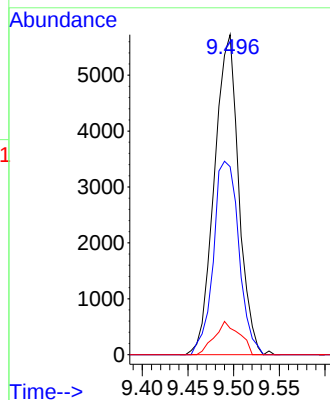
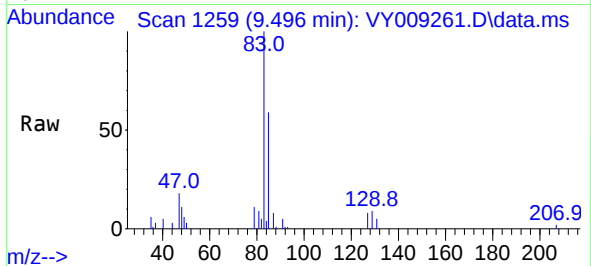




#47
Bromodichloromethane
Concen: 4.08 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

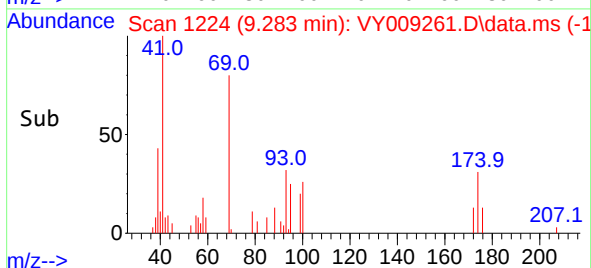
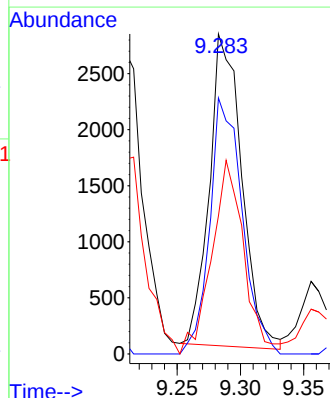
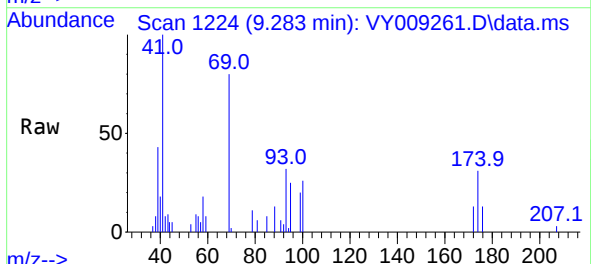
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

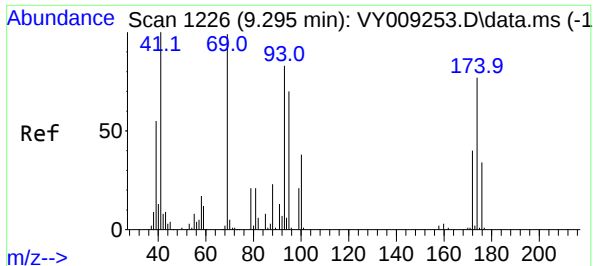
Tgt Ion:	83	Resp:	10597
Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.9	77.9
127	8.2	6.6	10.0



#48
Methyl methacrylate
Concen: 4.04 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:	41	Resp:	4956
Ion	Ratio	Lower	Upper
41	100		
69	82.0	58.2	87.2
39	61.3	47.4	71.0





#49

1,4-Dioxane

Concen: 89.54 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

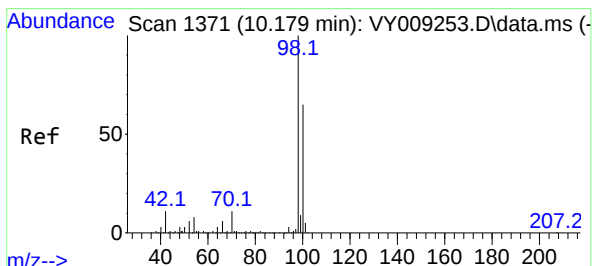
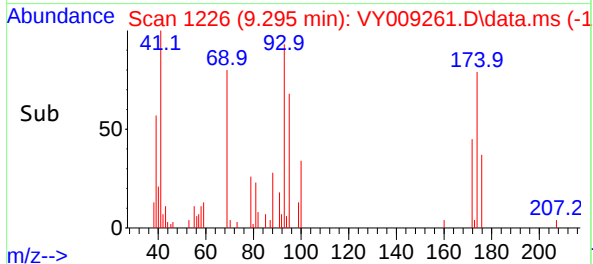
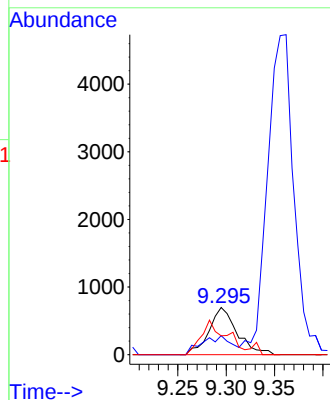
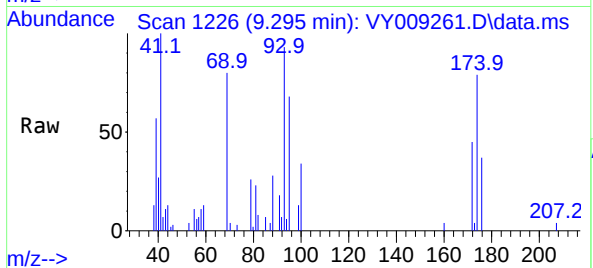
Tgt Ion: 88 Resp: 1408

Ion Ratio Lower Upper

88 100

43 42.3 32.8 49.2

58 65.9 59.8 89.6



#50

Toluene-d8

Concen: 47.09 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009261.D

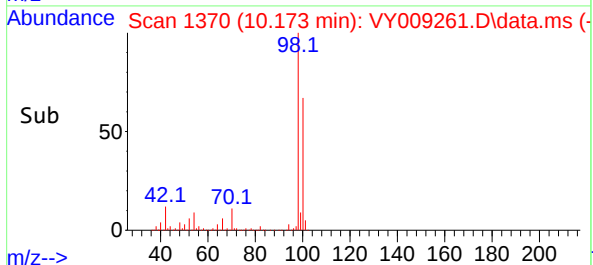
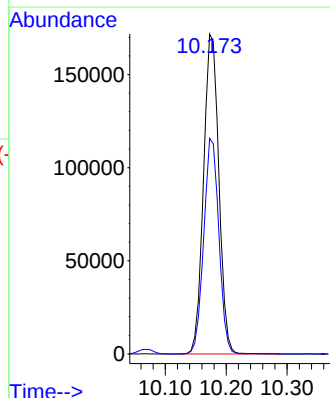
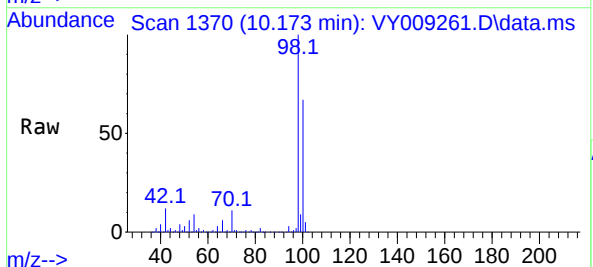
Acq: 21 Jun 2022 17:31

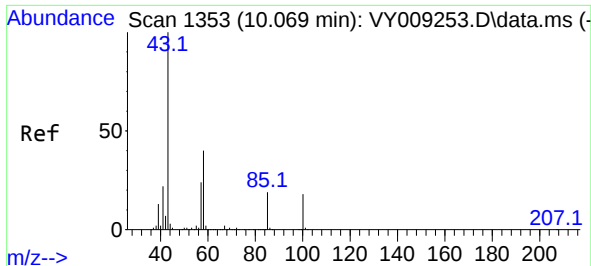
Tgt Ion: 98 Resp: 300122

Ion Ratio Lower Upper

98 100

100 66.6 50.2 75.2

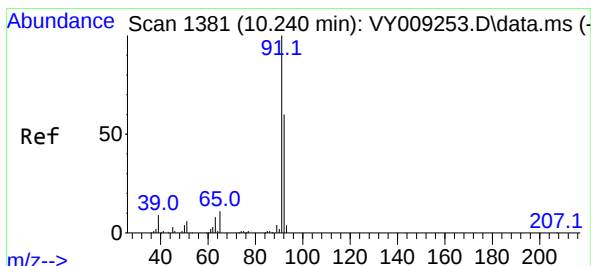
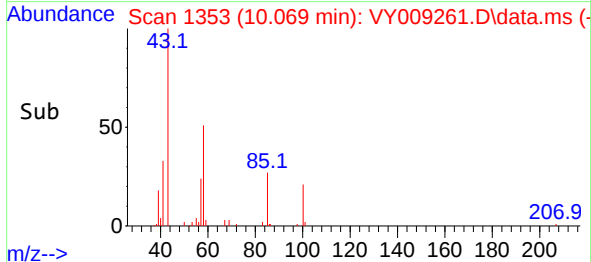
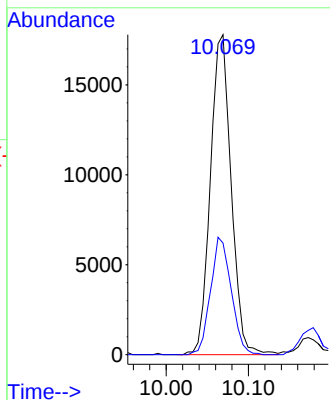
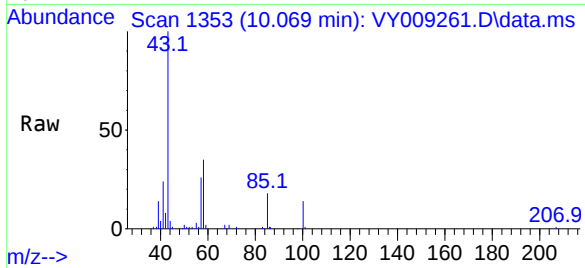




#51
4-Methyl-2-Pentanone
Concen: 21.51 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

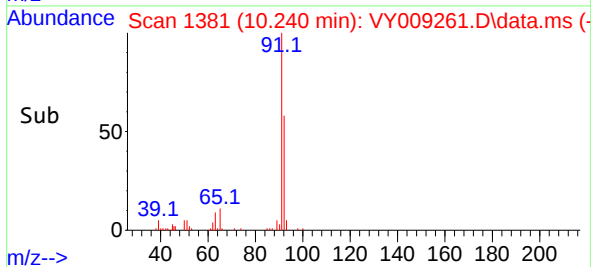
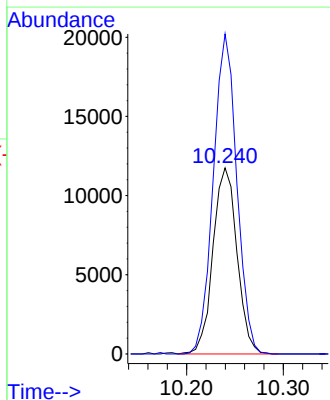
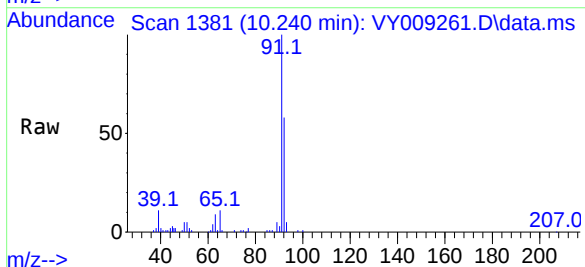
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

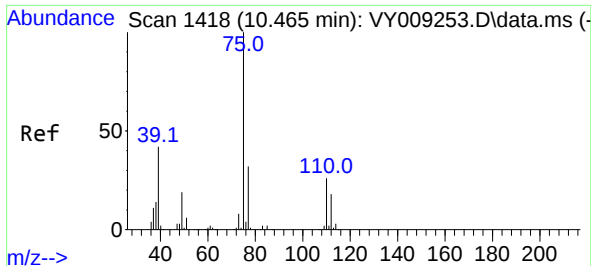
Tgt Ion: 43 Resp: 31305
Ion Ratio Lower Upper
43 100
58 36.5 28.1 42.1



#52
Toluene
Concen: 4.29 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 92 Resp: 20239
Ion Ratio Lower Upper
92 100
91 168.4 142.6 213.8

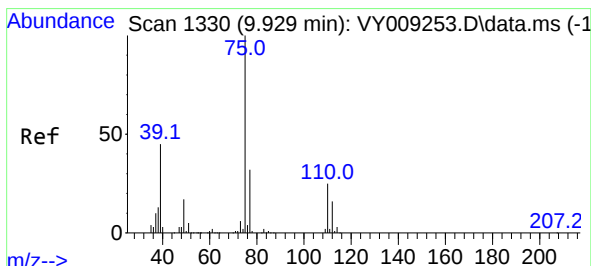
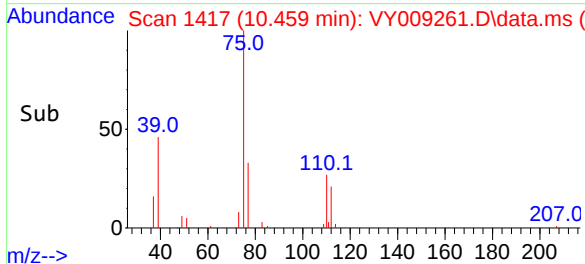
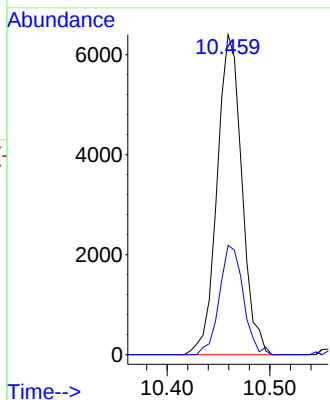
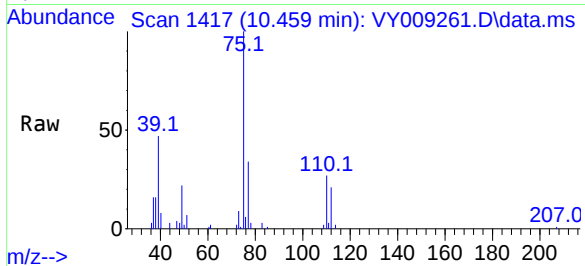




#53
t-1,3-Dichloropropene
Concen: 3.95 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

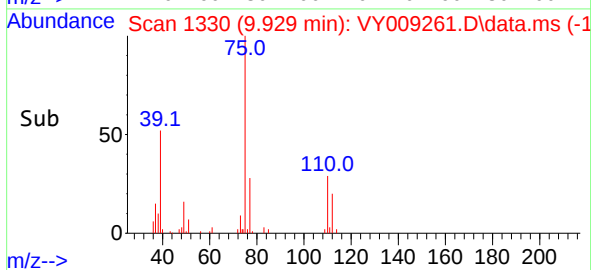
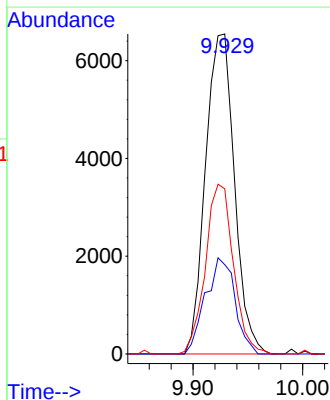
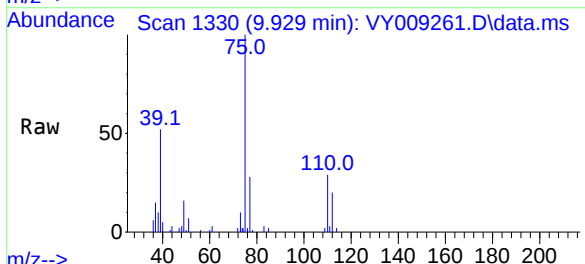
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

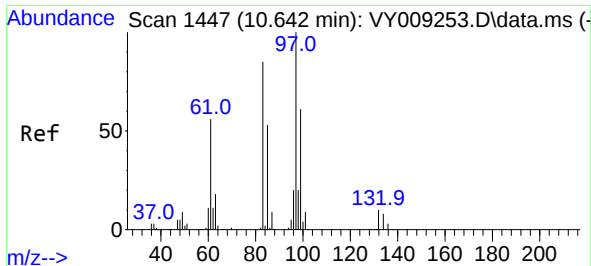
Tgt Ion: 75 Resp: 10673
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 3.91 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 75 Resp: 12016
Ion Ratio Lower Upper
75 100
77 27.9 25.6 38.4
39 51.6 47.6 71.4

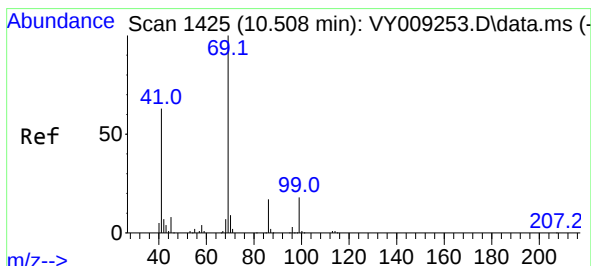
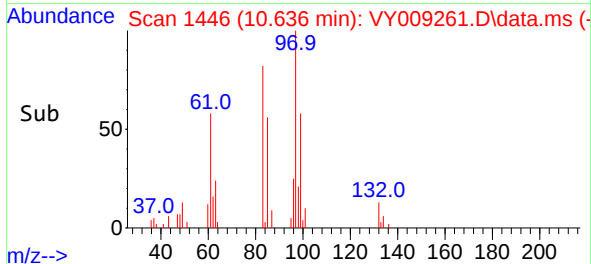
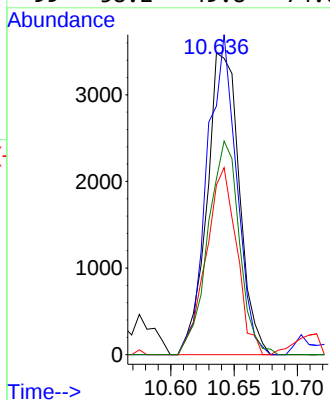
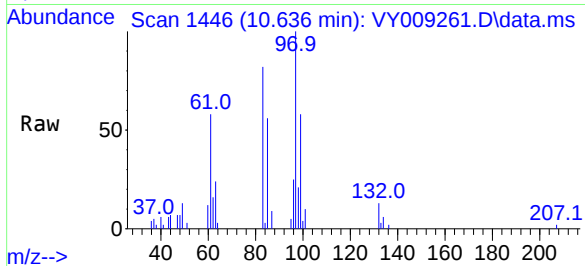




#55
1,1,2-Trichloroethane
Concen: 4.04 ug/l
RT: 10.636 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

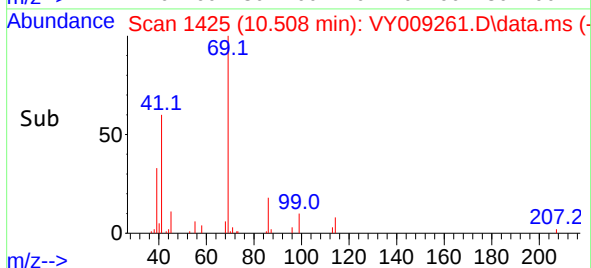
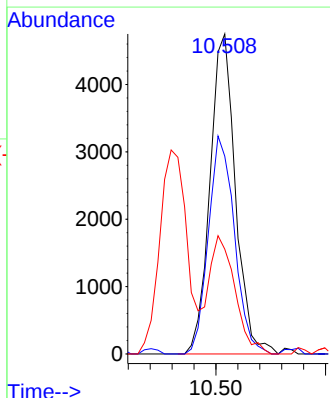
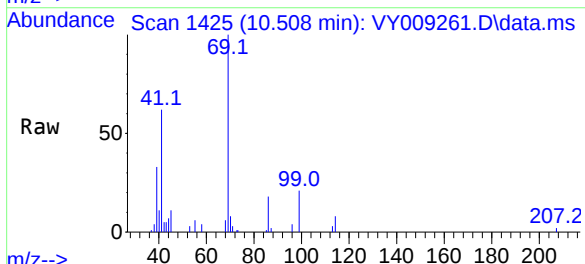
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

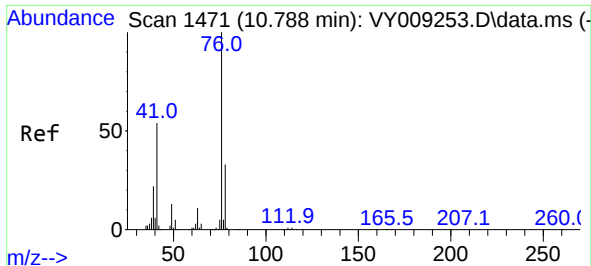
Tgt Ion: 97	Resp: 6200
Ion Ratio	Lower Upper
97 100	
83 82.4	69.8 104.8
85 56.2	44.3 66.5
99 58.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 3.77 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 69	Resp: 7667
Ion Ratio	Lower Upper
69 100	
41 69.7	63.4 95.0
39 38.4	35.8 53.8





#57

1,3-Dichloropropane

Concen: 4.17 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

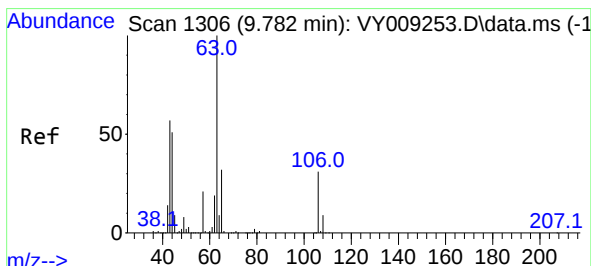
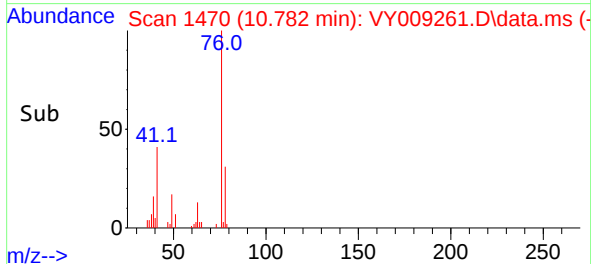
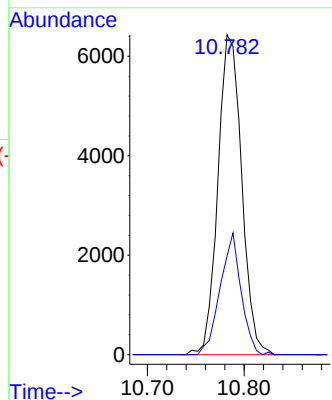
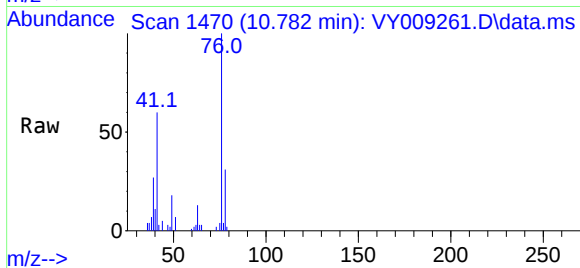
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 76 Resp: 10965

Ion Ratio Lower Upper

76 100

78 33.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.68 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY009261.D

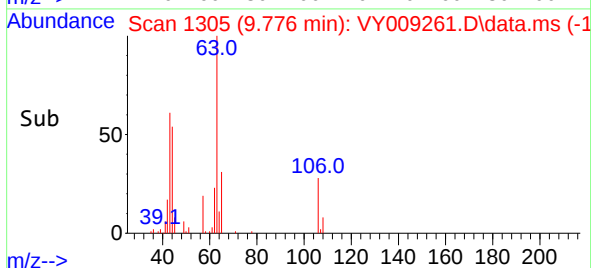
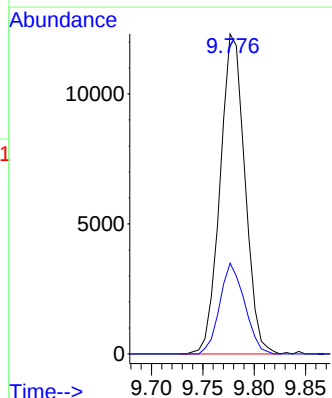
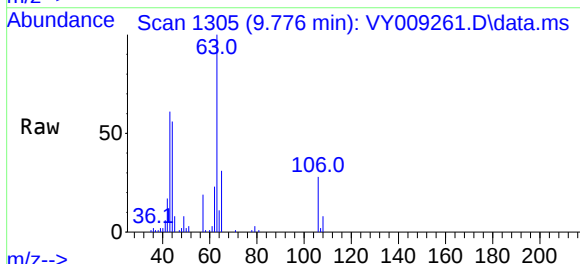
Acq: 21 Jun 2022 17:31

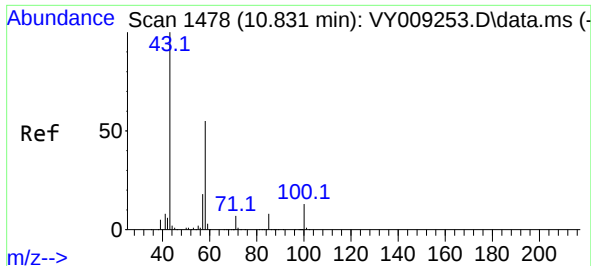
Tgt Ion: 63 Resp: 20640

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3

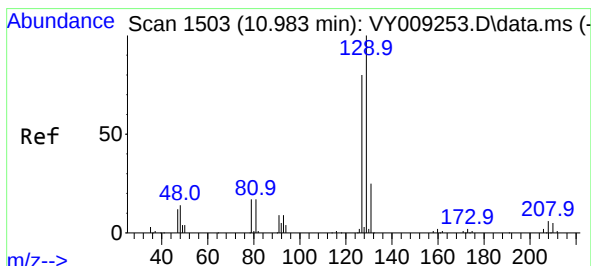
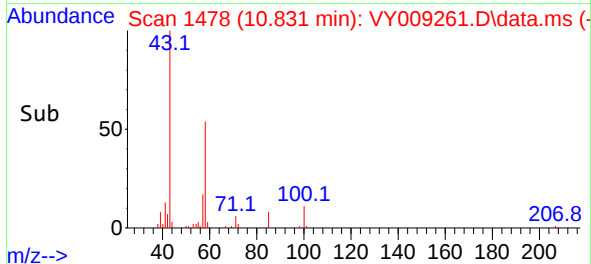
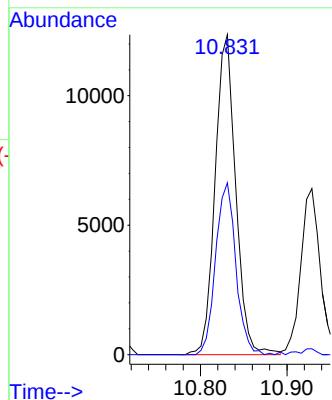
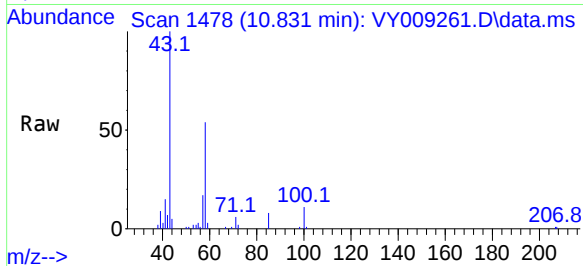




#59
2-Hexanone
Concen: 20.71 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

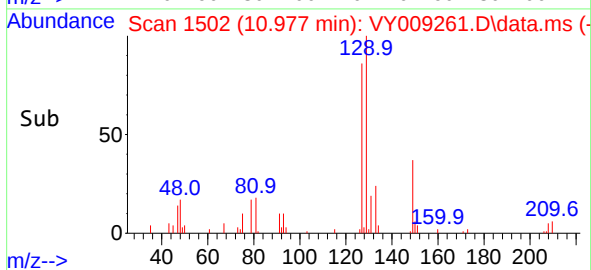
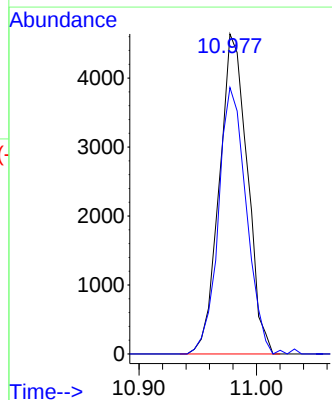
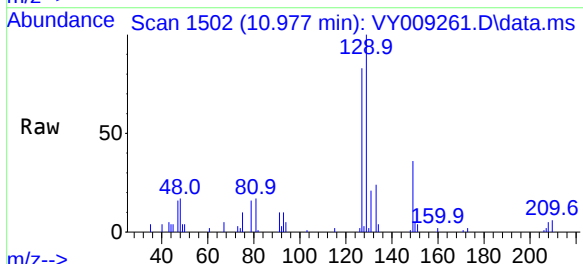
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

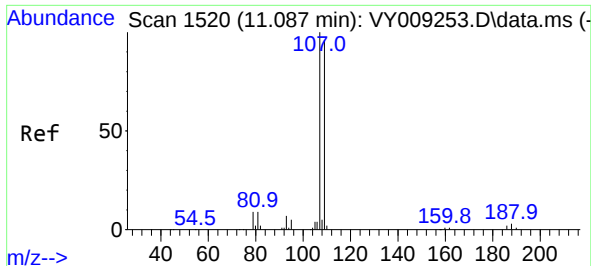
Tgt Ion: 43 Resp: 20399
Ion Ratio Lower Upper
43 100
58 52.7 24.4 73.4



#60
Dibromochloromethane
Concen: 4.10 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:129 Resp: 7690
Ion Ratio Lower Upper
129 100
127 83.0 38.7 116.1

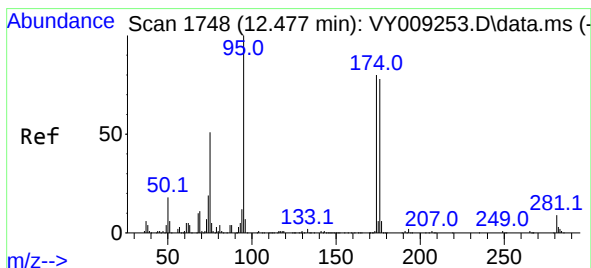
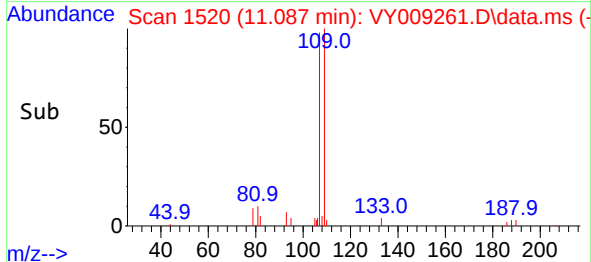
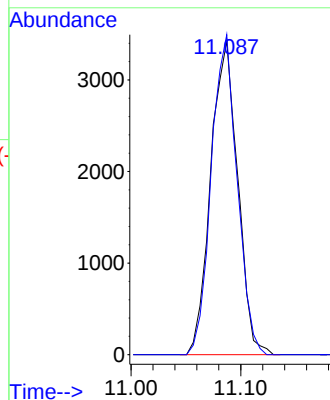
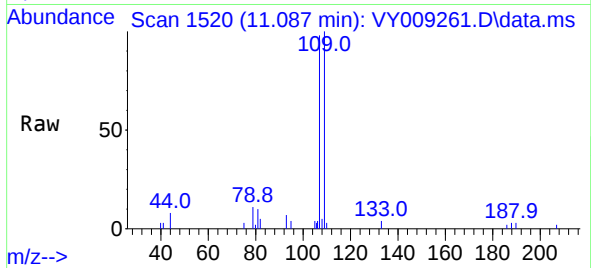




#61
1,2-Dibromoethane
Concen: 3.91 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

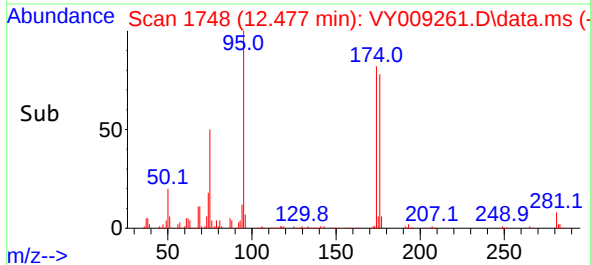
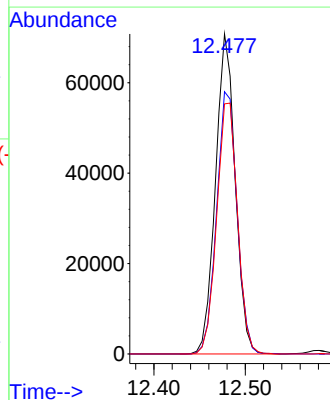
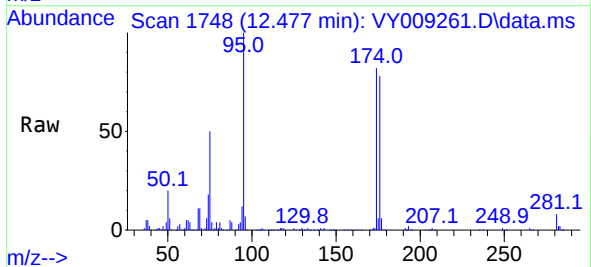
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

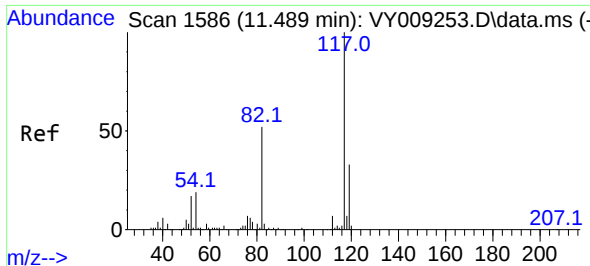
Tgt Ion:107 Resp: 5856
Ion Ratio Lower Upper
107 100
109 97.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.37 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 95 Resp: 106080
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 83.0 0.0 175.8

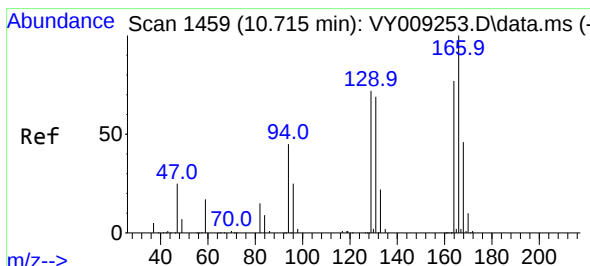
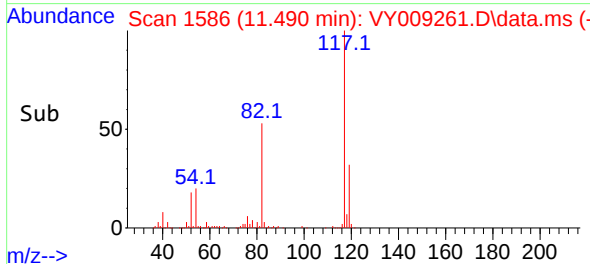
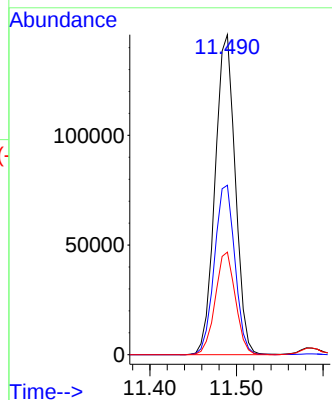
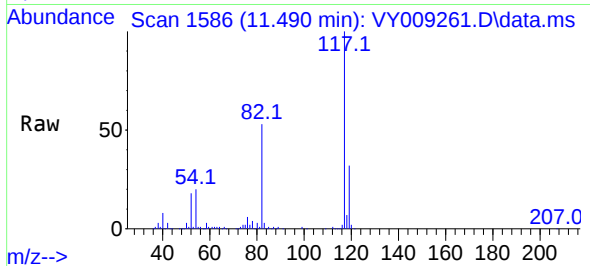




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

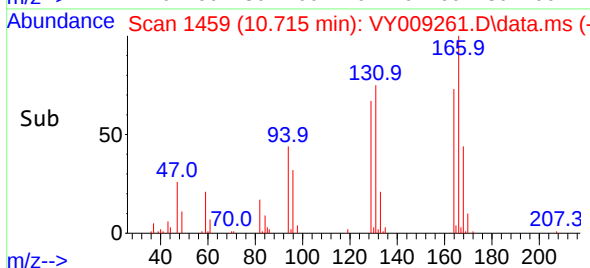
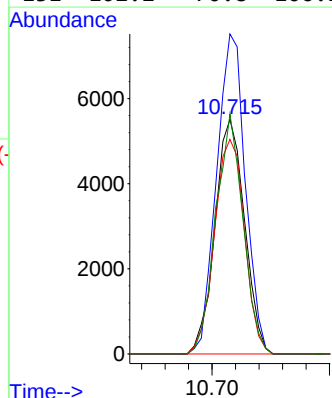
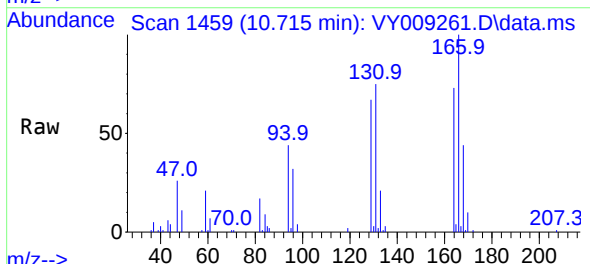
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

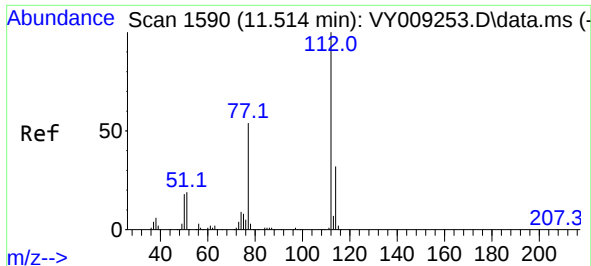
Tgt Ion:117	Resp:	236147	
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	32.0	25.4	38.0



#64
Tetrachloroethene
Concen: 4.23 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt	Ion:164	Resp:	9648
Ion	Ratio	Lower	Upper
164	100		
166	136.4	100.4	150.6
129	91.4	71.4	107.0
131	102.2	70.8	106.2

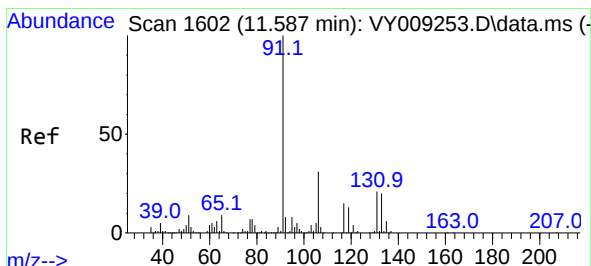
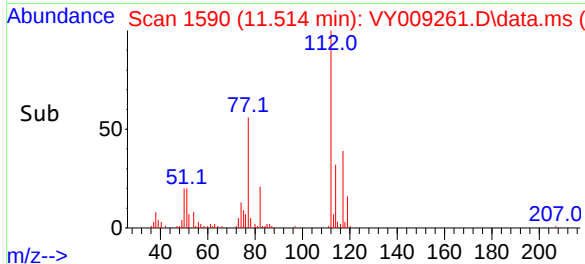
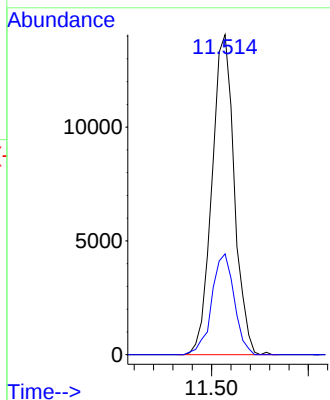
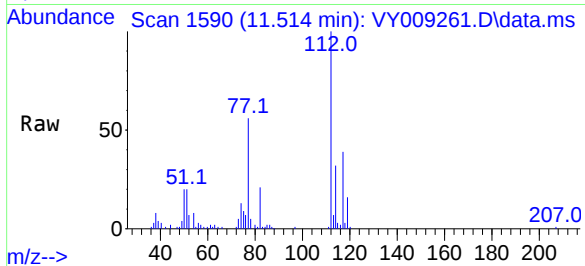




#65
Chlorobenzene
Concen: 4.24 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

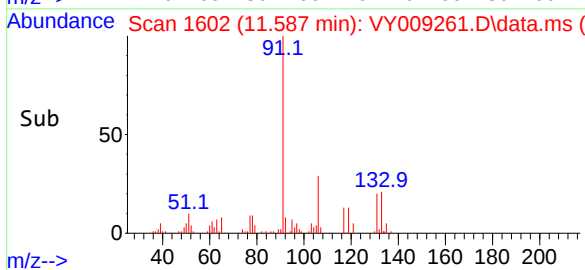
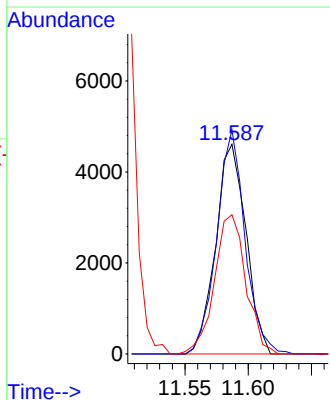
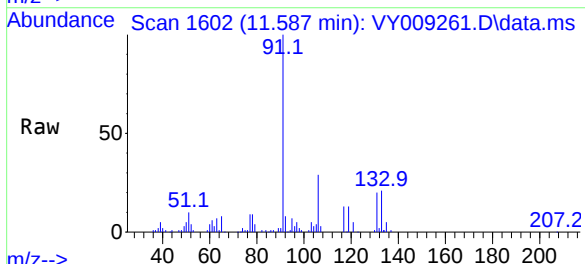
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

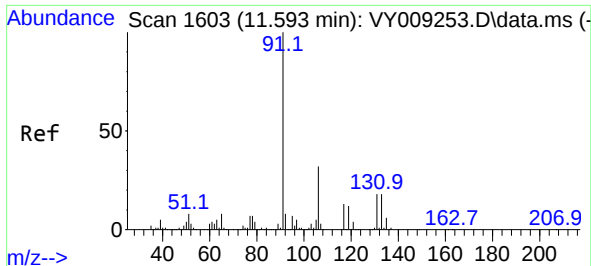
Tgt Ion:112 Resp: 22536
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.94 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:131 Resp: 7666
Ion Ratio Lower Upper
131 100
133 100.3 47.9 143.6
119 68.9 30.8 92.3





#67

Ethyl Benzene

Concen: 4.13 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

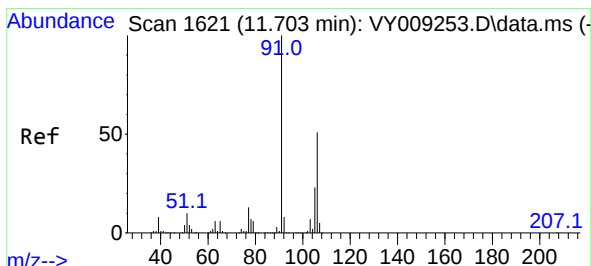
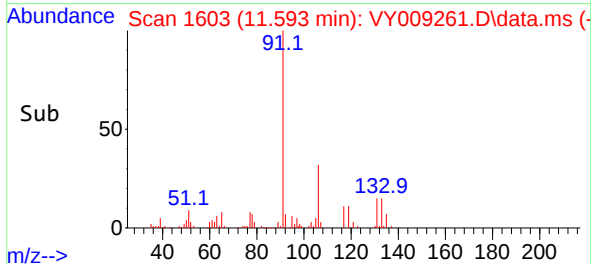
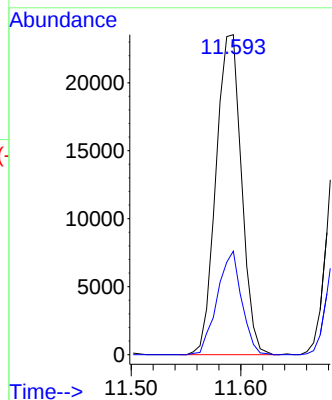
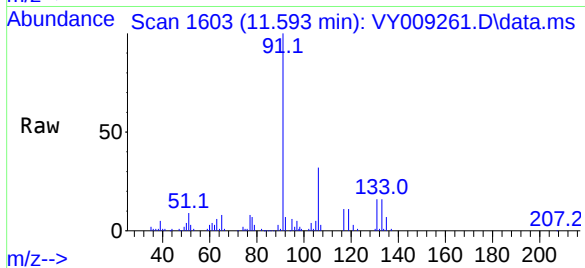
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 91 Resp: 38068

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 8.11 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009261.D

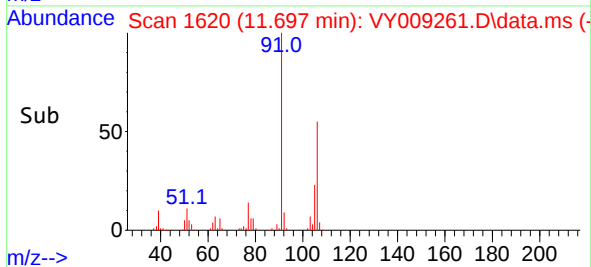
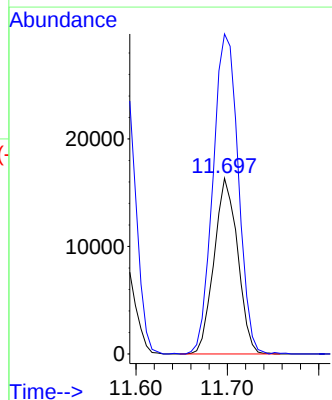
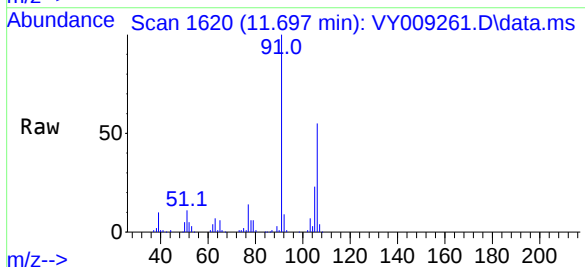
Acq: 21 Jun 2022 17:31

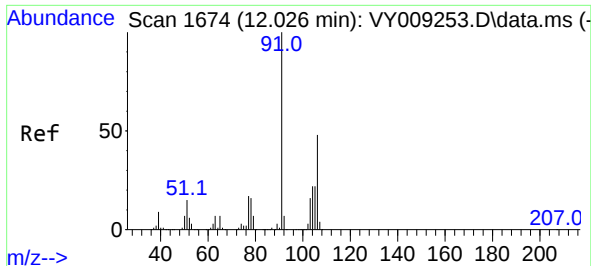
Tgt Ion: 106 Resp: 29352

Ion Ratio Lower Upper

106 100

91 195.1 166.6 249.8

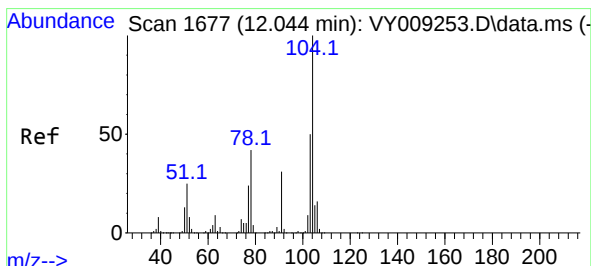
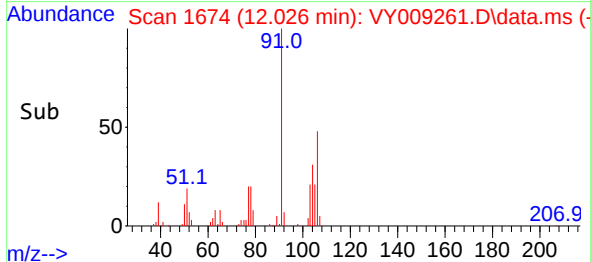
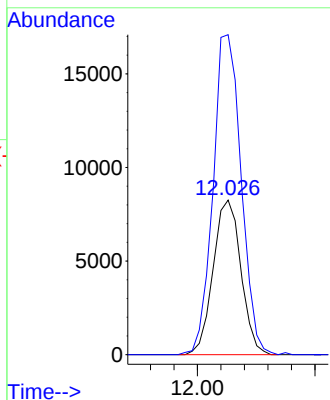
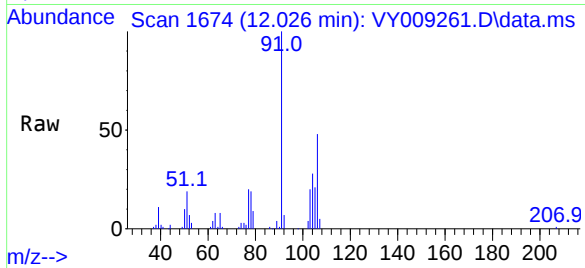




#69
o-Xylene
Concen: 3.94 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

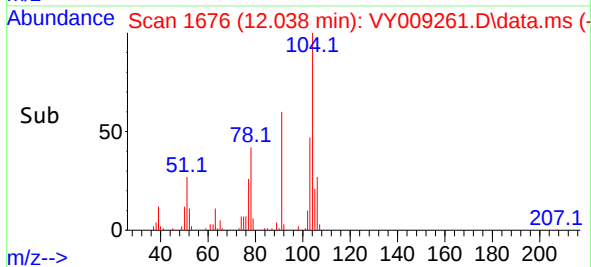
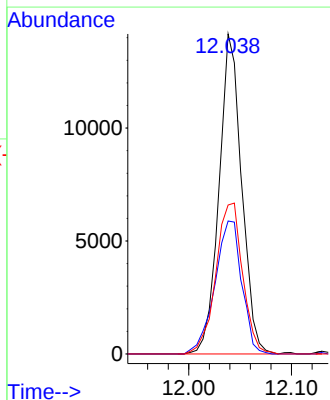
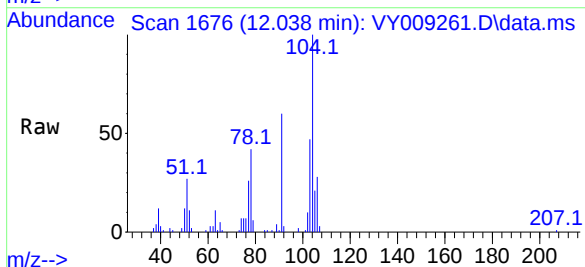
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

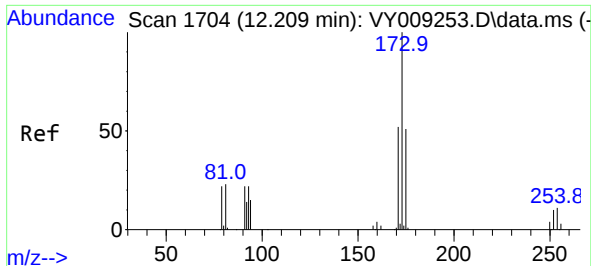
Tgt Ion:106 Resp: 13551
Ion Ratio Lower Upper
106 100
91 210.0 110.3 331.0



#70
Styrene
Concen: 3.79 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:104 Resp: 21609
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 56.0 44.4 66.6

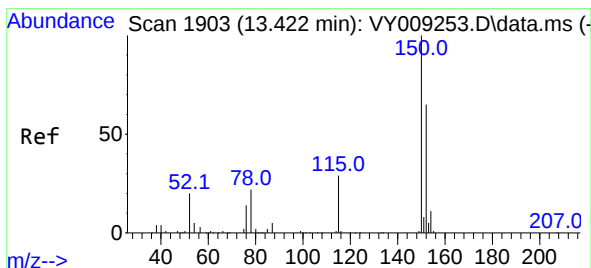
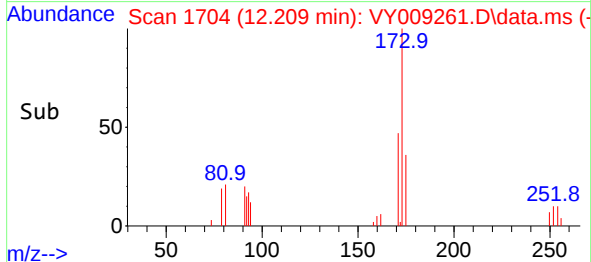
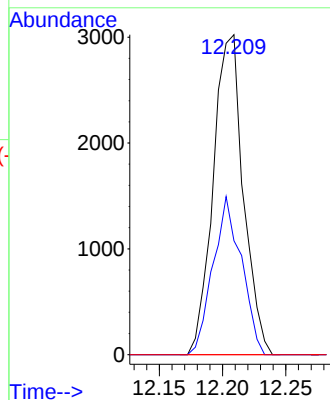
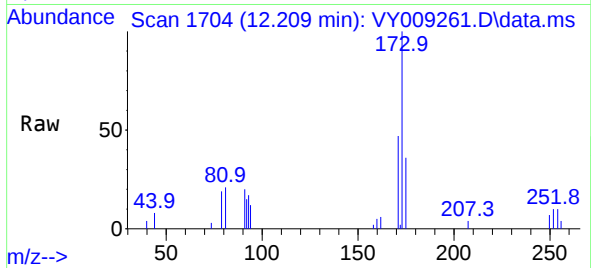




#71
Bromoform
Concen: 4.17 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

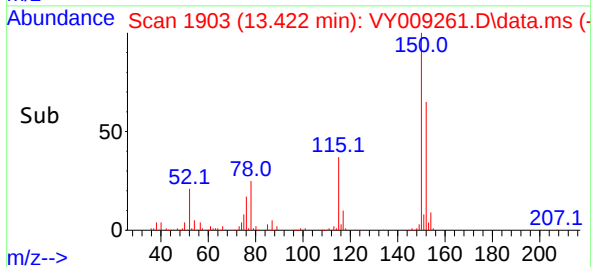
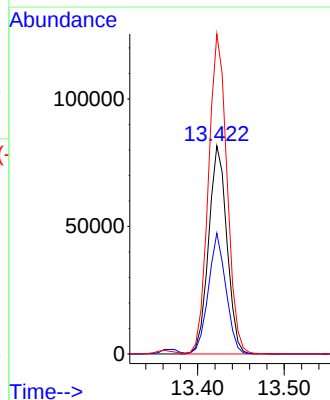
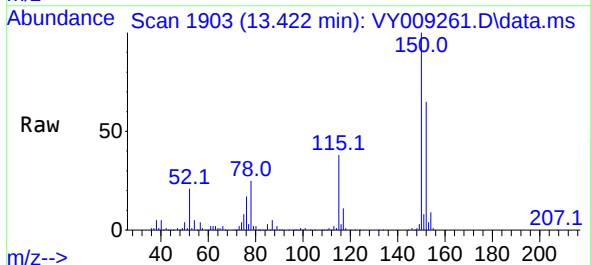
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

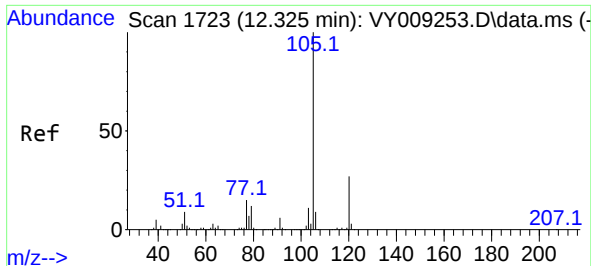
Tgt Ion:173 Resp: 5011
Ion Ratio Lower Upper
173 100
175 46.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:152 Resp: 119403
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.4 0.0 347.6

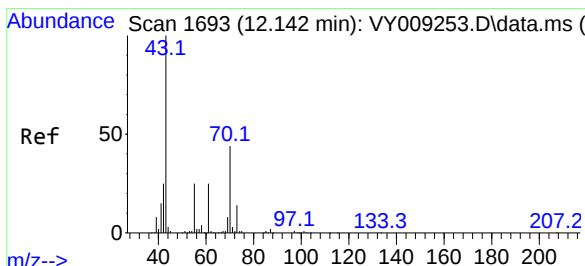
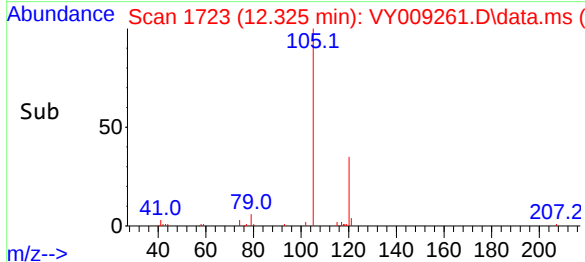
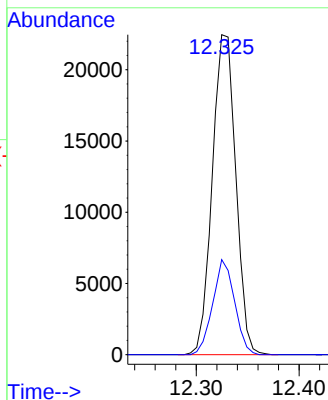
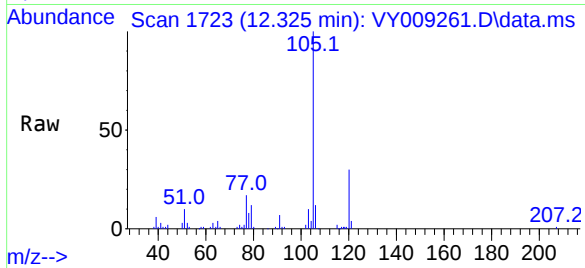




#73
Isopropylbenzene
Concen: 3.81 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

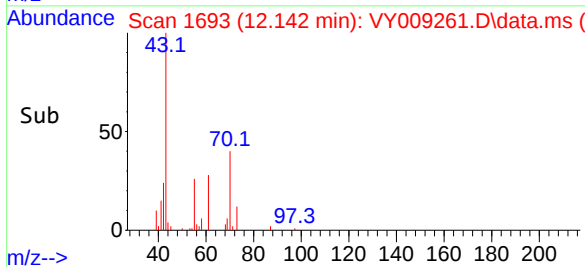
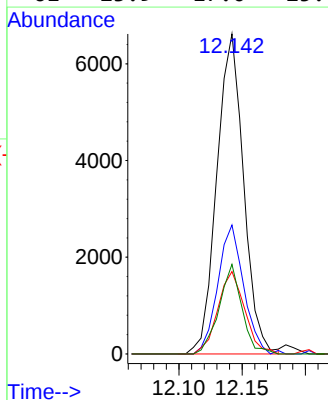
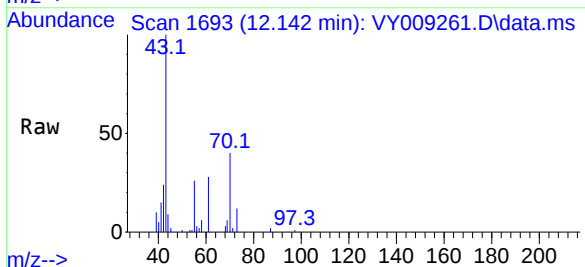
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

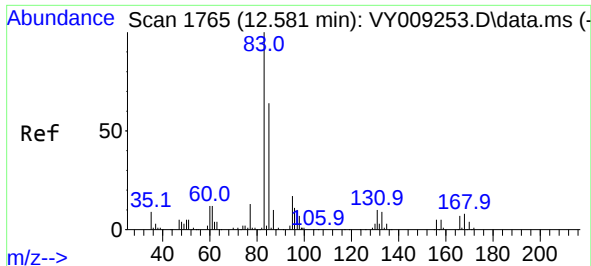
Tgt Ion:105 Resp: 35651
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 3.89 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 43 Resp: 9731
Ion Ratio Lower Upper
43 100
70 39.0 28.7 43.1
55 25.8 17.3 25.9
61 23.9 17.0 25.6

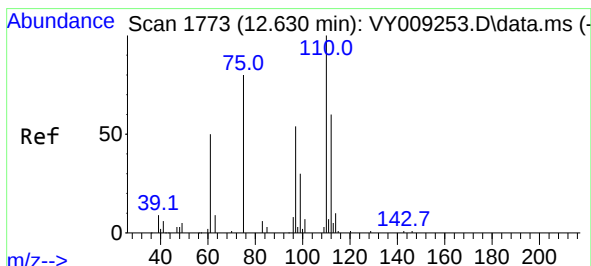
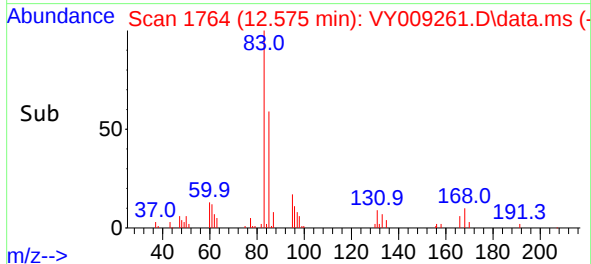
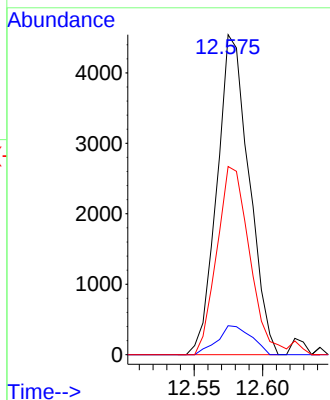
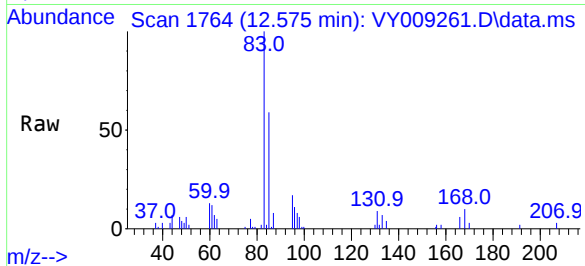




#75
1,1,2,2-Tetrachloroethane
Concen: 4.14 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

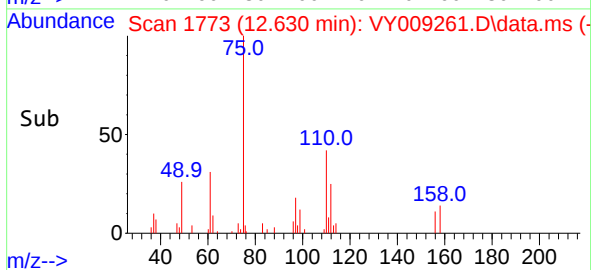
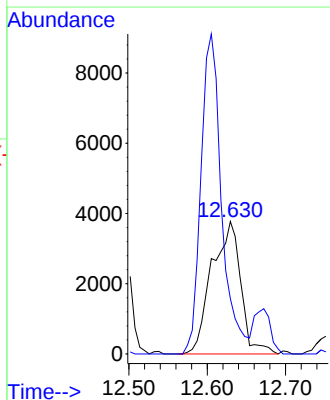
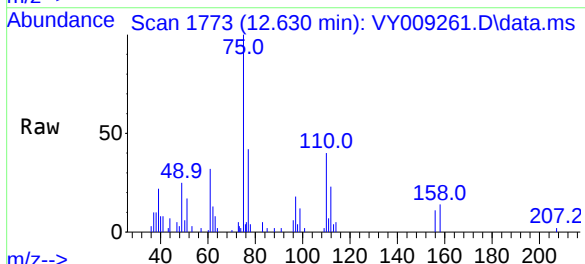
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

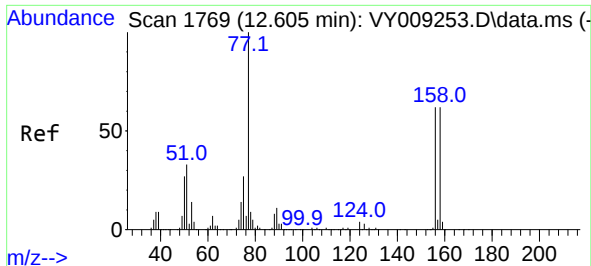
Tgt Ion: 83 Resp: 7370
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 61.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 6.93 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 75 Resp: 9705
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

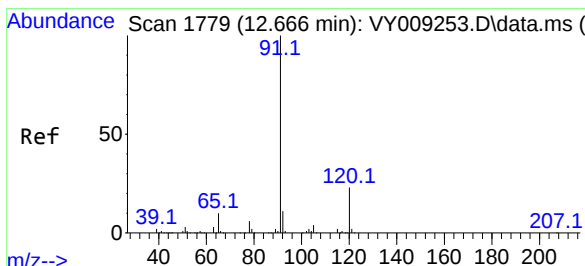
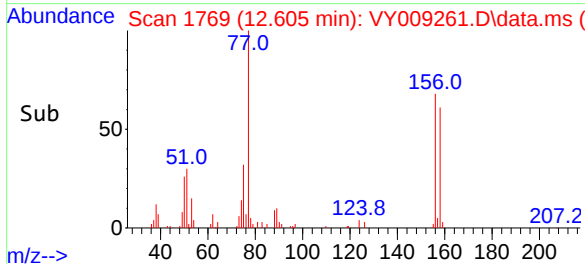
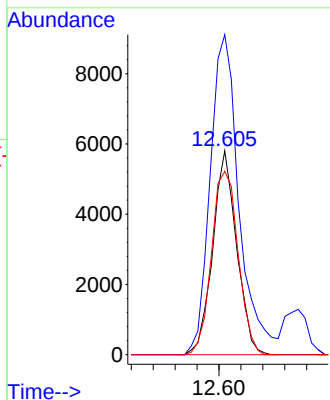
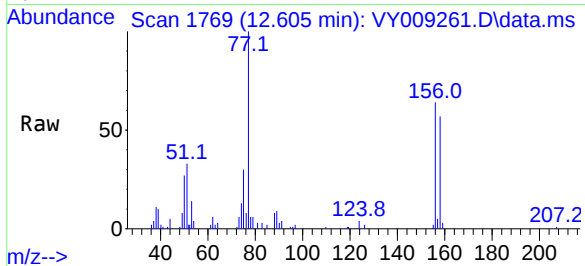




#77
Bromobenzene
Concen: 3.87 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

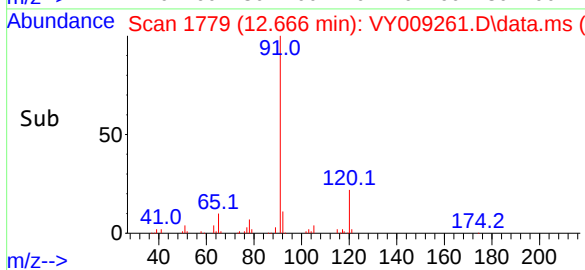
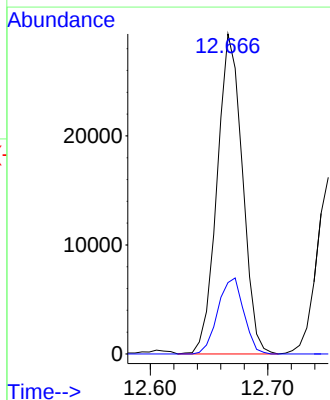
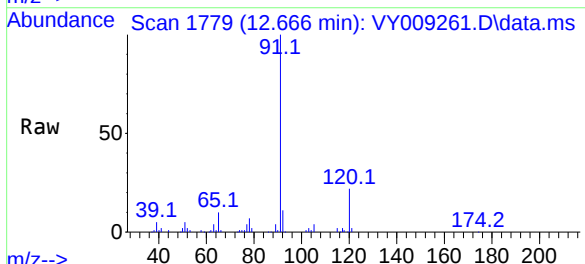
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

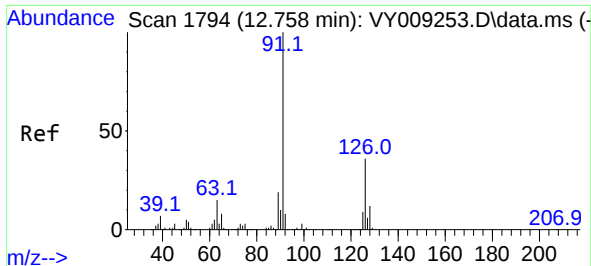
Tgt Ion:156 Resp: 8799
Ion Ratio Lower Upper
156 100
77 189.6 95.5 286.4
158 100.2 48.0 144.0



#78
n-propylbenzene
Concen: 3.89 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 91 Resp: 43904
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9

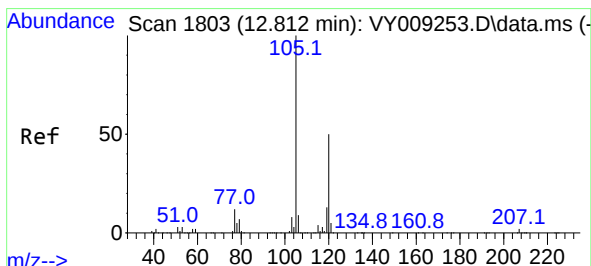
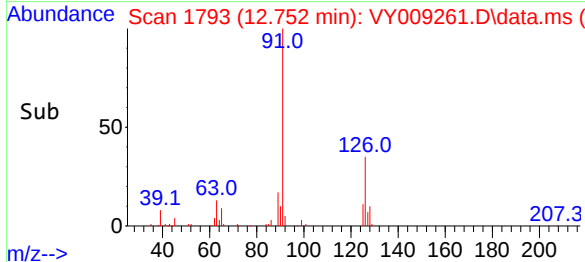
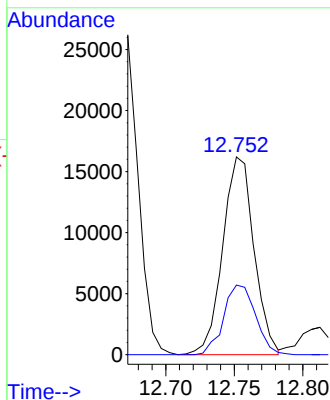
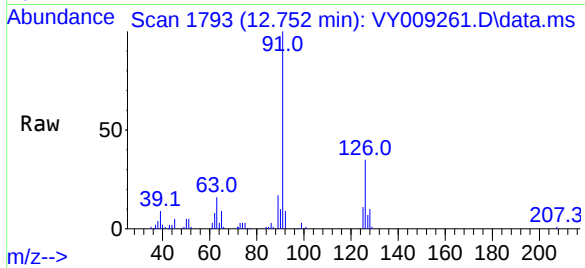




#79
2-Chlorotoluene
Concen: 4.05 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

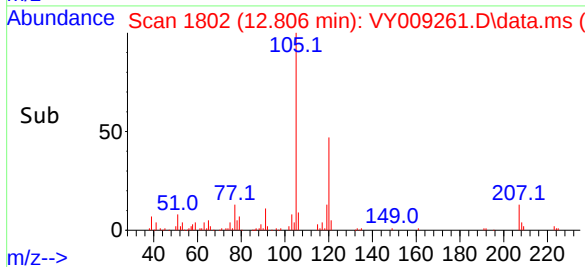
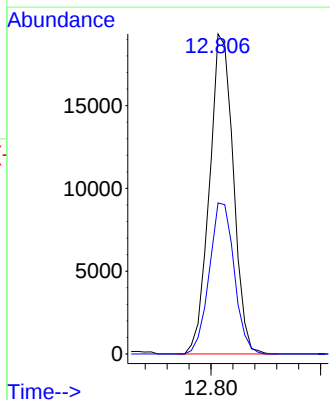
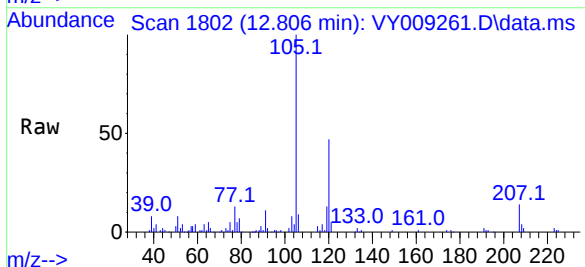
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

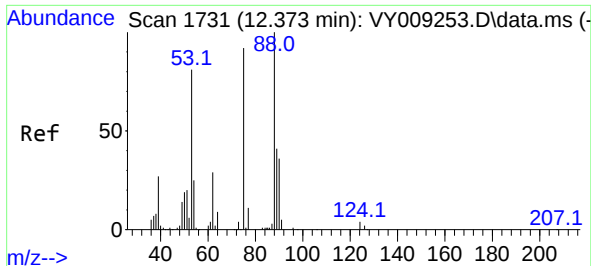
Tgt Ion: 91 Resp: 25767
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 3.76 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 105 Resp: 29229
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4

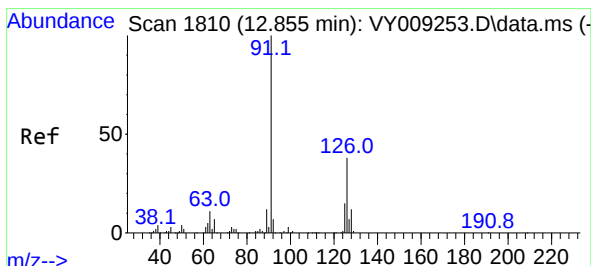
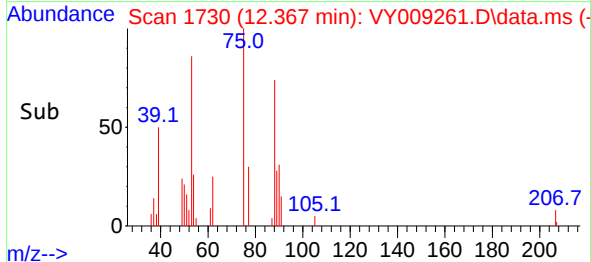
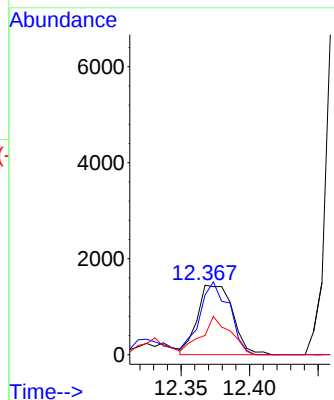
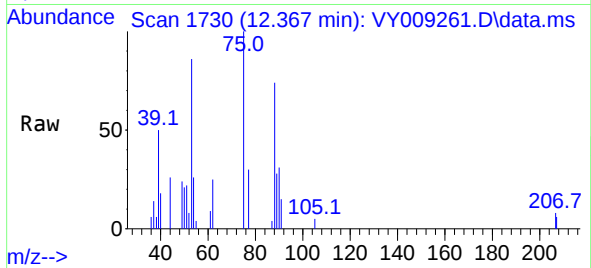




#81
trans-1,4-Dichloro-2-butene
Concen: 3.92 ug/l
RT: 12.367 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

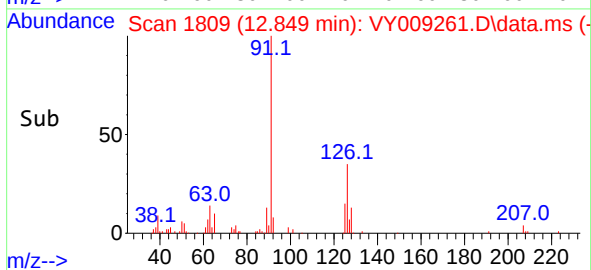
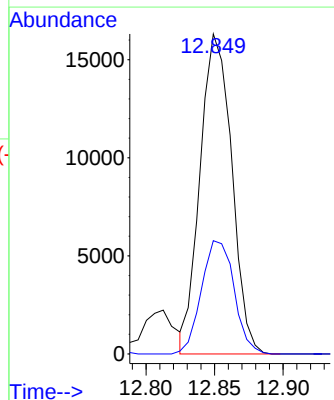
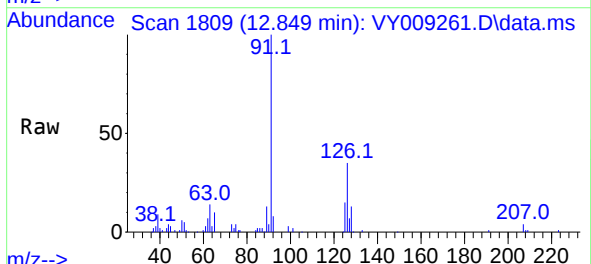
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

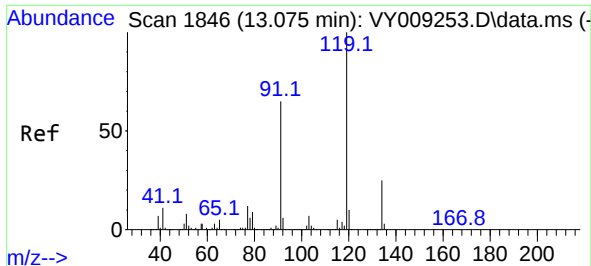
Tgt Ion: 75 Resp: 2590
Ion Ratio Lower Upper
75 100
53 88.2 85.3 127.9
89 45.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 3.95 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 91 Resp: 26181
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0

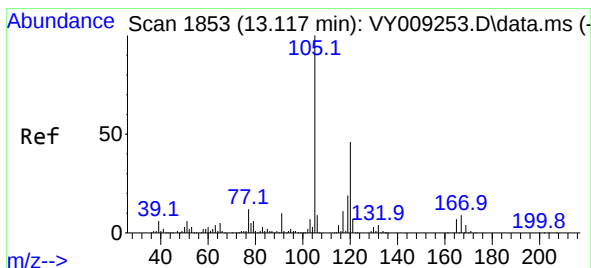
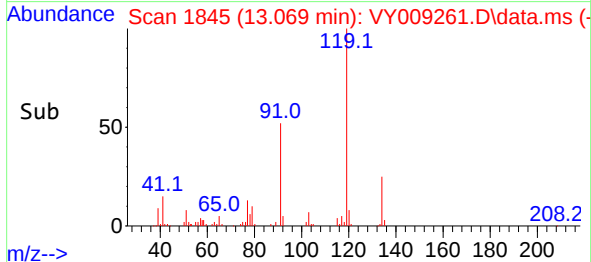
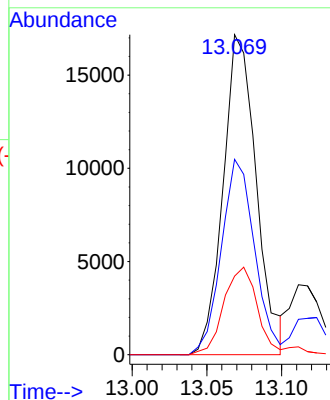
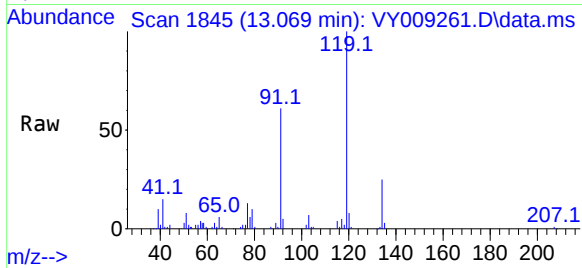




#83
tert-Butylbenzene
Concen: 3.91 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

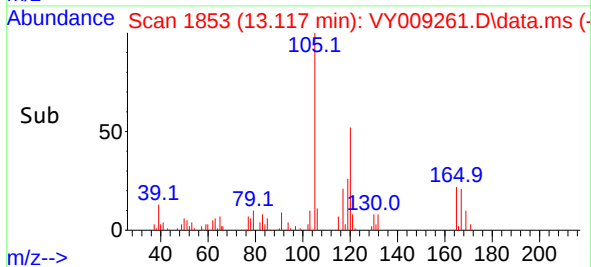
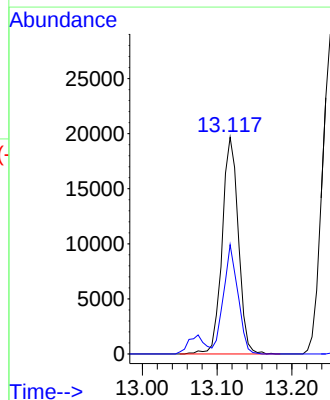
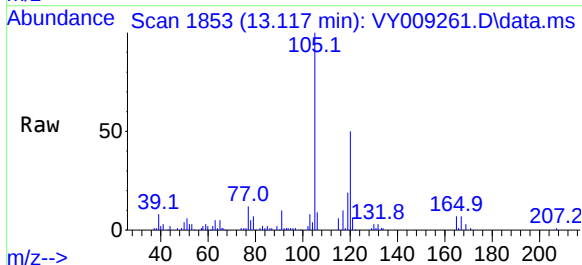
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

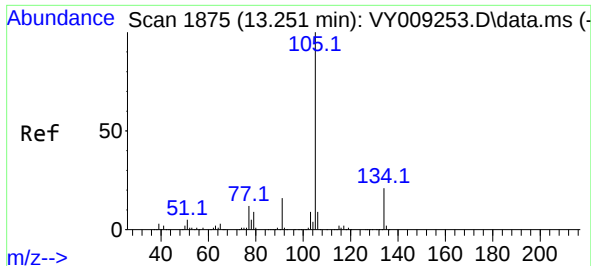
Tgt Ion:	119	Resp:	26538
Ion	Ratio	Lower	Upper
119	100		
91	61.1	34.8	104.4
134	29.0	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.89 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:	105	Resp:	29655
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.9

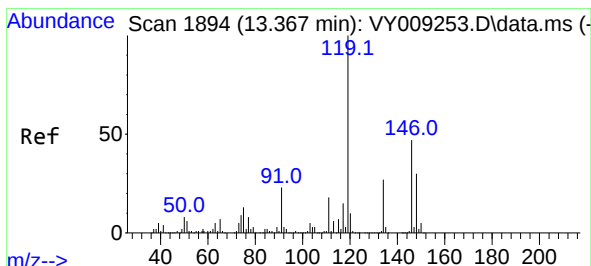
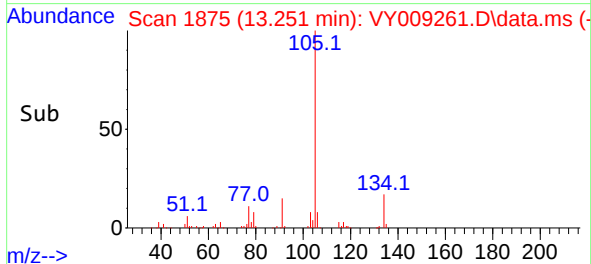
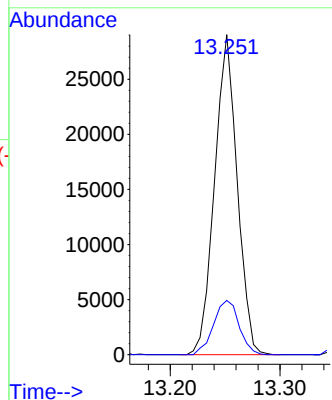
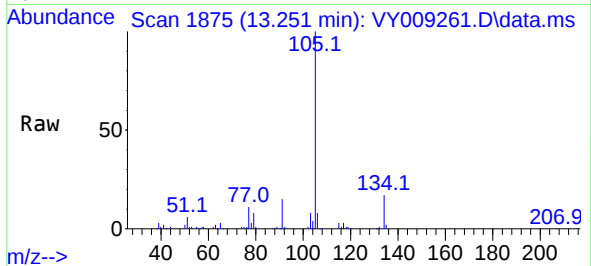




#85
 sec-Butylbenzene
 Concen: 4.10 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

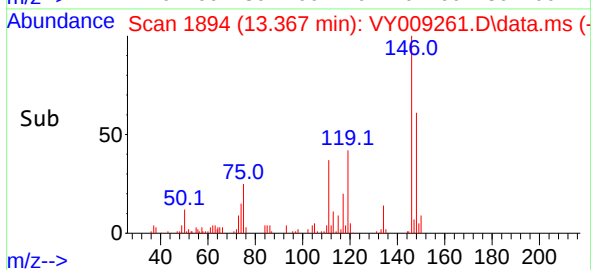
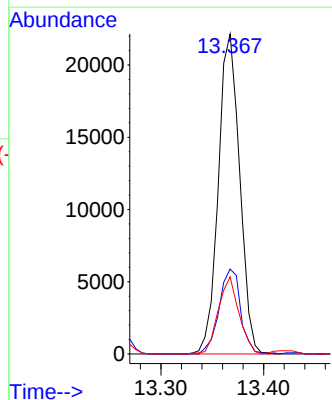
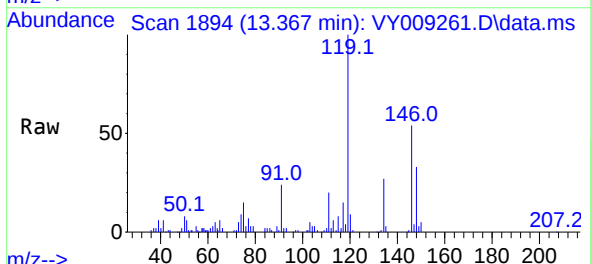
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 4.0PPB

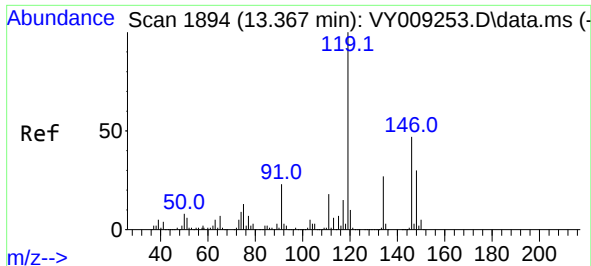
Tgt Ion:105 Resp: 41631
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.78 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

Tgt Ion:119 Resp: 31877
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 23.4 12.4 37.2

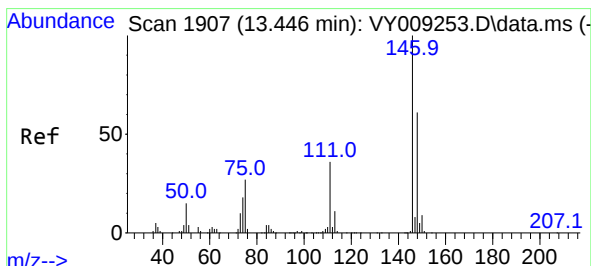
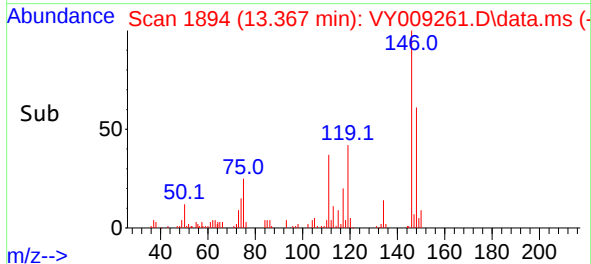
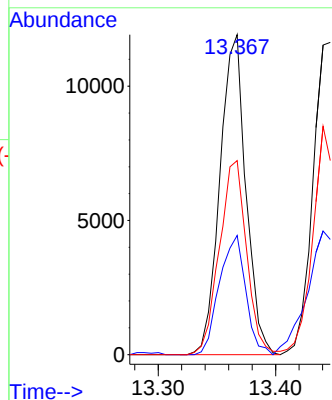
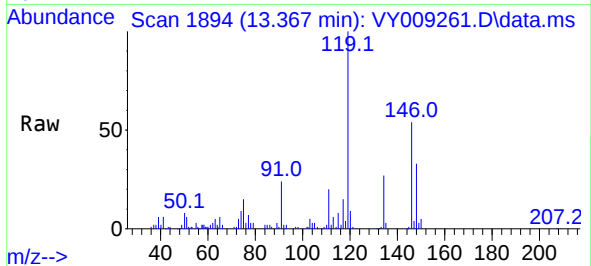




#87
1,3-Dichlorobenzene
Concen: 4.16 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

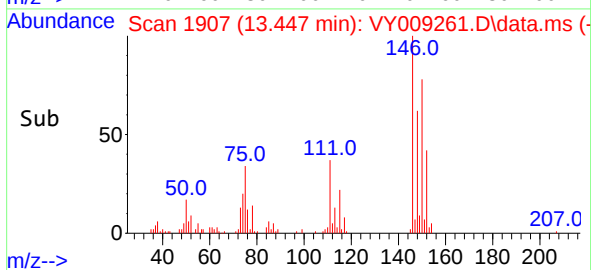
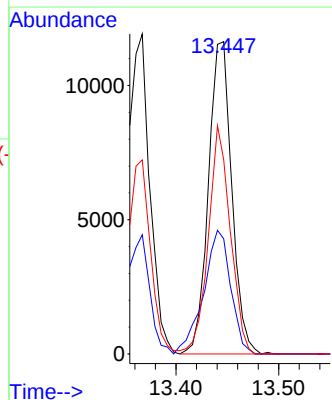
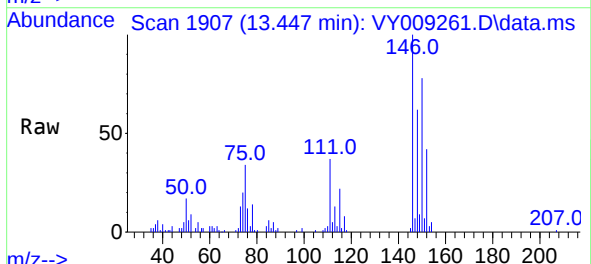
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

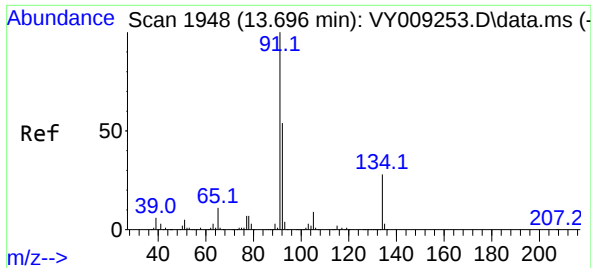
Tgt Ion:146	Resp:	18312
Ion Ratio	Lower	Upper
146	100	
111	37.6	19.5 58.5
148	63.7	31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.16 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:146	Resp:	18347
Ion Ratio	Lower	Upper
146	100	
111	46.1	19.3 57.8
148	68.7	32.6 97.8

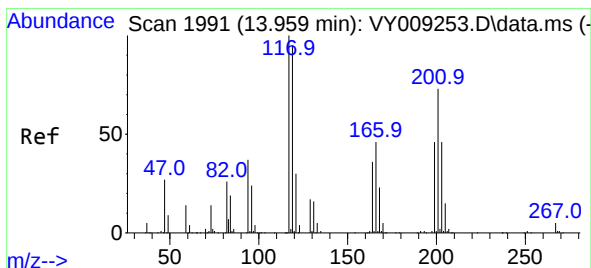
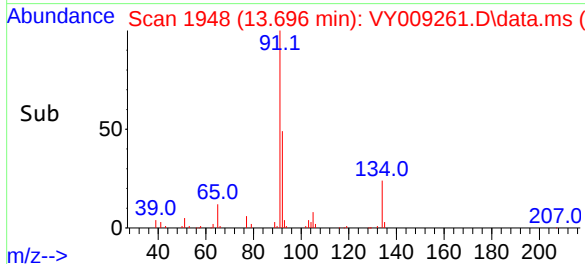
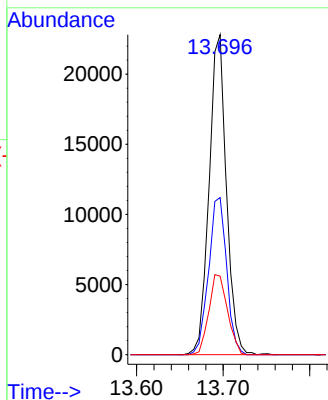
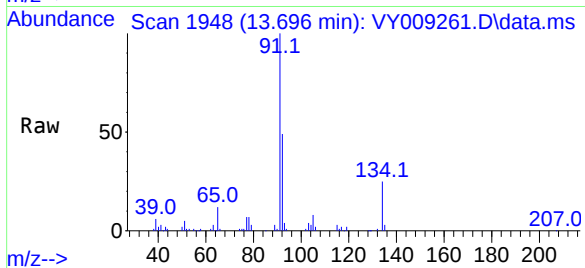




#89
n-Butylbenzene
Concen: 4.03 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

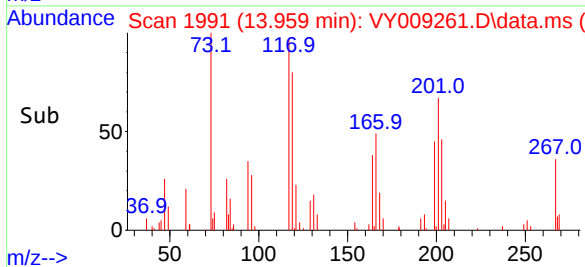
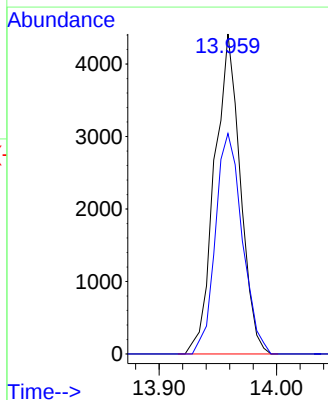
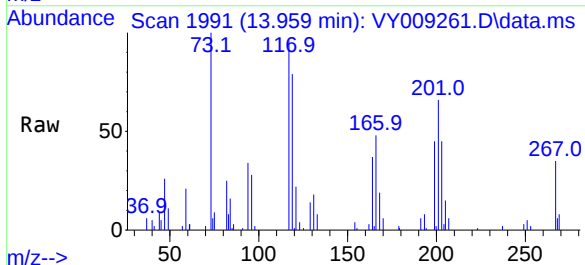
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

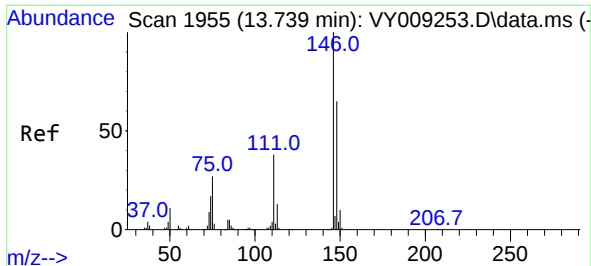
Tgt Ion: 91 Resp: 31700
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.9
134 27.0 13.0 38.9



#90
Hexachloroethane
Concen: 4.20 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 117 Resp: 6723
Ion Ratio Lower Upper
117 100
201 72.0 43.0 128.8

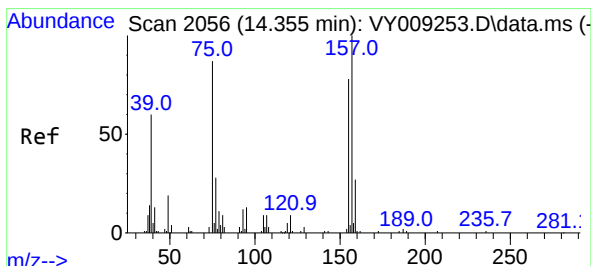
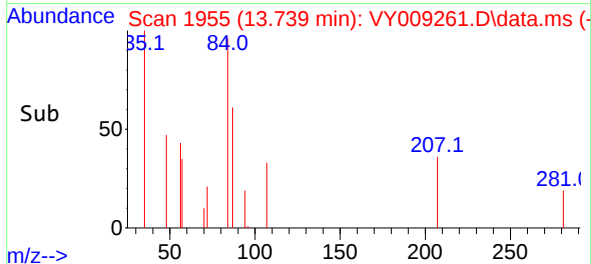
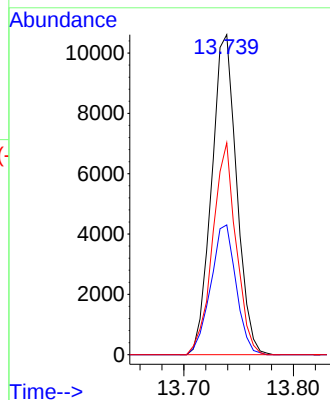
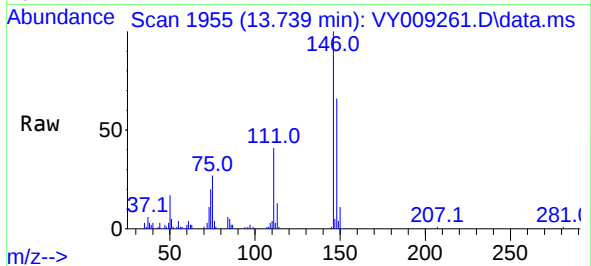




#91
1,2-Dichlorobenzene
Concen: 4.25 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

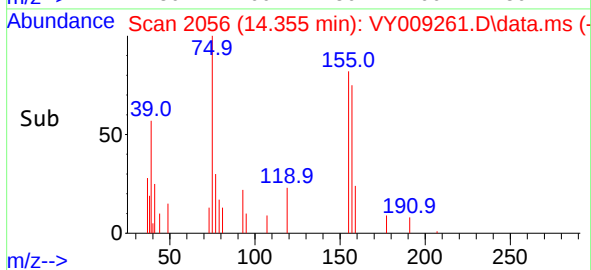
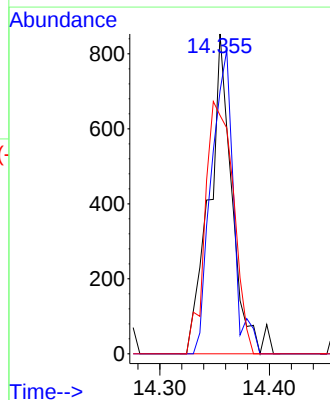
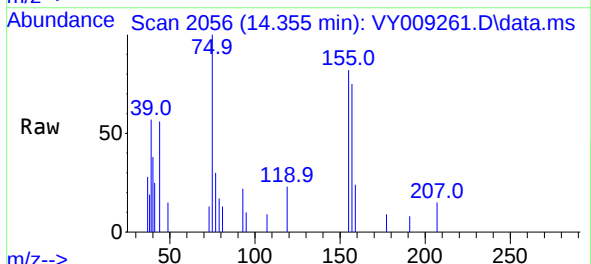
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

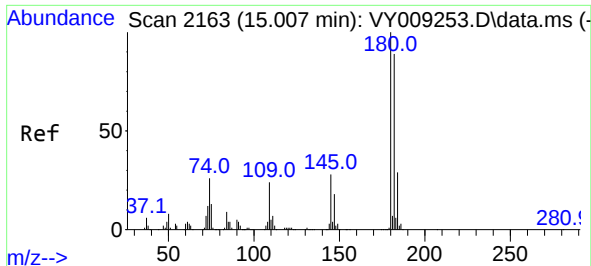
Tgt Ion:	146	Resp:	16809
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.9
148	62.1	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.89 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:	75	Resp:	1235
Ion	Ratio	Lower	Upper
75	100		
155	91.8	38.0	113.9
157	97.5	47.8	143.3

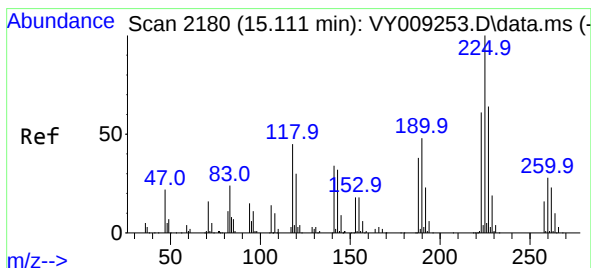
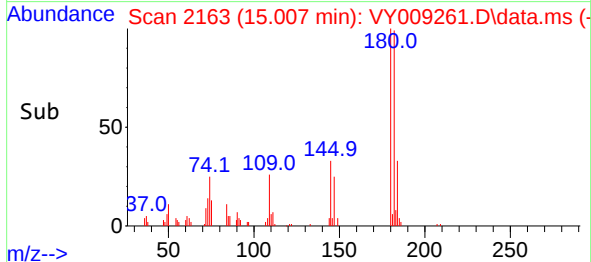
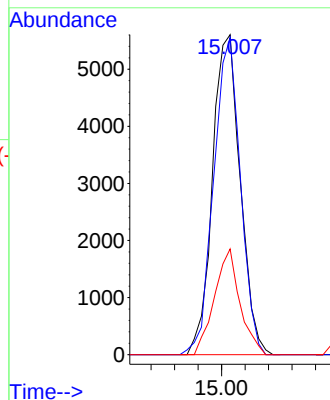
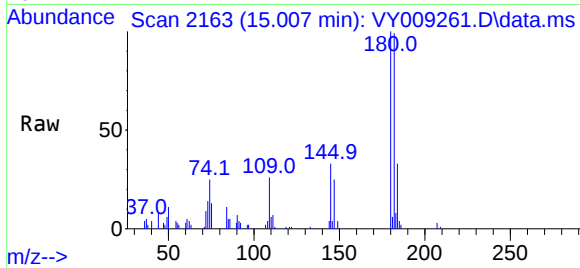




#93
1,2,4-Trichlorobenzene
Concen: 3.81 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

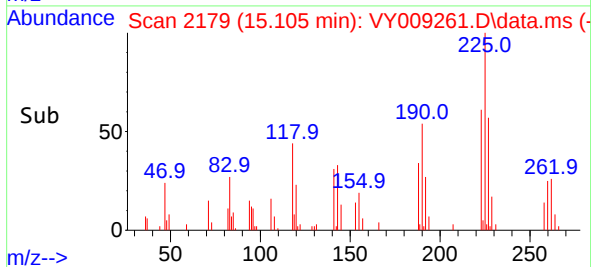
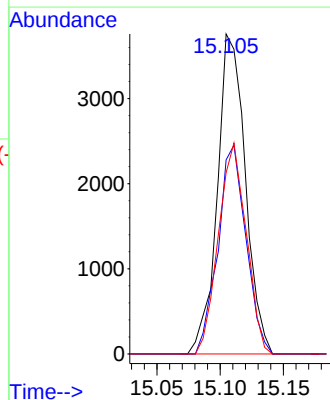
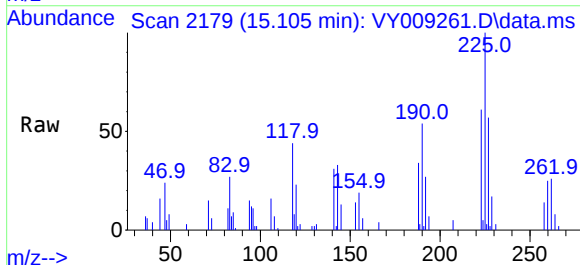
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

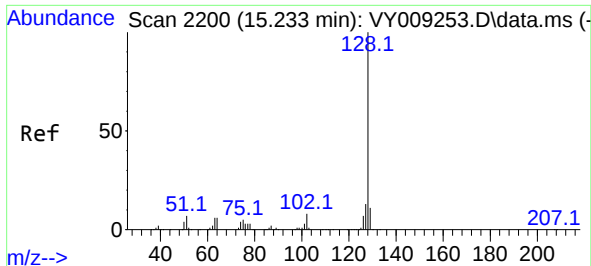
Tgt Ion:180	Resp:	9206
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.3 141.9
145	30.3	14.6 43.8



#94
Hexachlorobutadiene
Concen: 4.45 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:225	Resp:	5784
Ion Ratio	Lower	Upper
225	100	
223	65.2	30.8 92.3
227	65.5	31.6 94.7

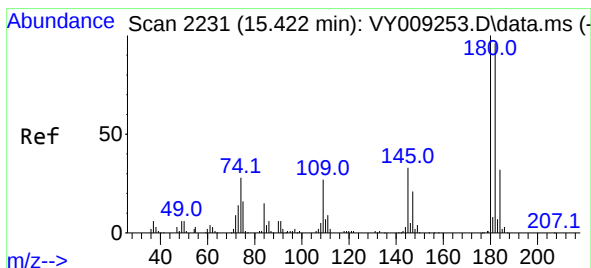
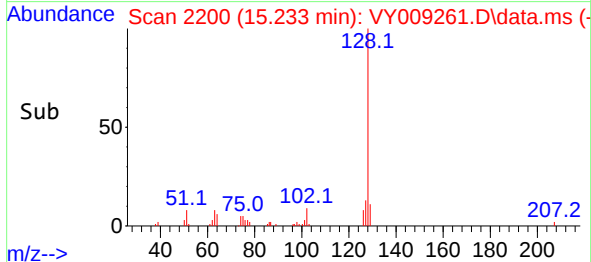
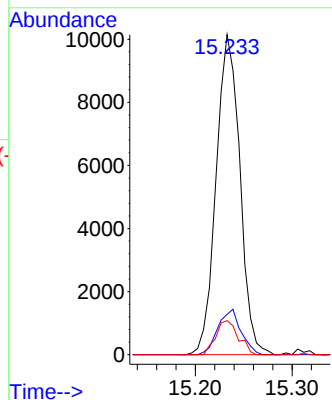
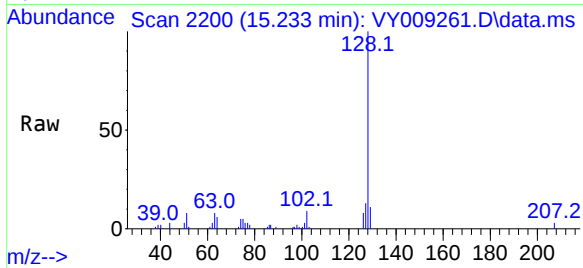




#95
Naphthalene
Concen: 3.57 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion:128	Resp:	17308
Ion Ratio	Lower	Upper
128	100	
127	13.8	11.0 16.4
129	10.1	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.00 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:180	Resp:	8255
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.3 141.9
145	32.3	15.3 45.9

