

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009260.D
 Acq On : 21 Jun 2022 16:46
 Operator : KP/MD
 Sample : N3214-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Quant Time: Jun 22 06:18:26 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	163653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	88159	49.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.10%
35) Dibromofluoromethane	7.710	113	84873	49.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.06%
50) Toluene-d8	10.173	98	321645	48.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.74%
62) 4-Bromofluorobenzene	12.477	95	111615	47.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.52%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	3612	3.01	ug/l	98
3) Chloromethane	2.107	50	4093	2.78	ug/l #	78
4) Vinyl Chloride	2.247	62	4223	2.58	ug/l	93
5) Bromomethane	2.644	94	3859	3.39	ug/l	92
6) Chloroethane	2.784	64	2799	2.57	ug/l	96
7) Trichlorofluoromethane	3.119	101	6765	2.61	ug/l	90
8) Diethyl Ether	3.522	74	2696	2.83	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	4571	2.77	ug/l	93
10) Methyl Iodide	4.088	142	4586	2.28	ug/l	92
11) Tert butyl alcohol	4.924	59	7990	Below Cal	#	82
12) 1,1-Dichloroethene	3.863	96	4440	2.83	ug/l #	72
13) Acrolein	3.729	56	650	36.34	ug/l	84
14) Allyl chloride	4.466	41	7174	2.55	ug/l	95
15) Acrylonitrile	5.161	53	6822	12.84	ug/l	97
16) Acetone	3.936	43	6966	15.69	ug/l	97
17) Carbon Disulfide	4.180	76	11041	2.54	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	12053	2.56	ug/l	97
20) Methylene Chloride	4.704	84	23265	4.09	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	4518	2.43	ug/l	80
22) Diisopropyl ether	6.119	45	14839	2.51	ug/l #	93
23) Vinyl Acetate	6.052	43	36769	10.12	ug/l	97
24) 1,1-Dichloroethane	6.015	63	8921	2.66	ug/l #	94
25) 2-Butanone	6.984	43	10246	14.29	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	9261	2.94	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	5292	2.43	ug/l	95
28) Bromochloromethane	7.326	49	4495	3.11	ug/l #	97
29) Tetrahydrofuran	7.344	42	6355	13.99	ug/l	97
30) Chloroform	7.503	83	8728	2.53	ug/l	97
31) Cyclohexane	7.777	56	10433	3.34	ug/l #	64
32) 1,1,1-Trichloroethane	7.698	97	7463	2.48	ug/l	99
36) 1,1-Dichloropropene	7.911	75	7160	2.72	ug/l	95
37) Ethyl Acetate	7.070	43	4295	2.70	ug/l #	81
38) Carbon Tetrachloride	7.899	117	6499	2.37	ug/l	96
39) Methylcyclohexane	9.173	83	7979	2.47	ug/l	87
40) Benzene	8.155	78	19016	2.44	ug/l	97
41) Methacrylonitrile	7.307	41	2515	2.85	ug/l #	48

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	5686	2.54	ug/l	94
43) Isopropyl Acetate	8.265	43	7291	2.50	ug/l #	88
44) Trichloroethene	8.935	130	5912	2.69	ug/l	85
45) 1,2-Dichloropropane	9.210	63	4920	2.45	ug/l	100
46) Dibromomethane	9.301	93	2836	2.48	ug/l	98
47) Bromodichloromethane	9.496	83	6724	2.48	ug/l #	84
48) Methyl methacrylate	9.283	41	3259	2.55	ug/l	88
49) 1,4-Dioxane	9.301	88	767	46.75	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	19725	12.99	ug/l	94
52) Toluene	10.240	92	12640	2.57	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	6727	2.39	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	7776	2.42	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	4056	2.53	ug/l	94
56) Ethyl methacrylate	10.502	69	4876	2.30	ug/l	91
57) 1,3-Dichloropropane	10.788	76	7041	2.57	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.776	63	13102	14.41	ug/l	95
59) 2-Hexanone	10.831	43	12487	12.15	ug/l	93
60) Dibromochloromethane	10.977	129	4625	2.37	ug/l	95
61) 1,2-Dibromoethane	11.087	107	3681	2.36	ug/l	99
64) Tetrachloroethene	10.721	164	6613	2.83	ug/l	89
65) Chlorobenzene	11.514	112	14108	2.59	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.581	131	4622	2.32	ug/l	88
67) Ethyl Benzene	11.587	91	24046	2.54	ug/l	92
68) m/p-Xylenes	11.697	106	18686	5.04	ug/l	93
69) o-Xylene	12.026	106	8988	2.55	ug/l	88
70) Styrene	12.038	104	14036	2.40	ug/l	93
71) Bromoform	12.203	173	2899	2.35	ug/l #	98
73) Isopropylbenzene	12.325	105	22285	2.42	ug/l	98
74) N-amyl acetate	12.142	43	5734	2.33	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	4711	2.69	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	6445	4.68	ug/l #	100
77) Bromobenzene	12.605	156	5991	2.68	ug/l	94
78) n-propylbenzene	12.666	91	29025	2.61	ug/l	97
79) 2-Chlorotoluene	12.752	91	16438	2.63	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	19237	2.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.477	75	56488	87.00	ug/l #	7
82) 4-Chlorotoluene	12.855	91	16972	2.60	ug/l	92
83) tert-Butylbenzene	13.075	119	17398	2.61	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	18765	2.50	ug/l	96
85) sec-Butylbenzene	13.251	105	26177	2.62	ug/l	100
86) p-Isopropyltoluene	13.367	119	20608	2.48	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	12642	2.92	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	12719	2.93	ug/l	93
89) n-Butylbenzene	13.690	91	19886	2.57	ug/l	97
90) Hexachloroethane	13.959	117	4020	2.55	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	10543	2.71	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1097	3.51	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	6496	2.73	ug/l	99
94) Hexachlorobutadiene	15.105	225	3726	2.91	ug/l	99
95) Naphthalene	15.233	128	12173	2.55	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	5612	2.76	ug/l	96

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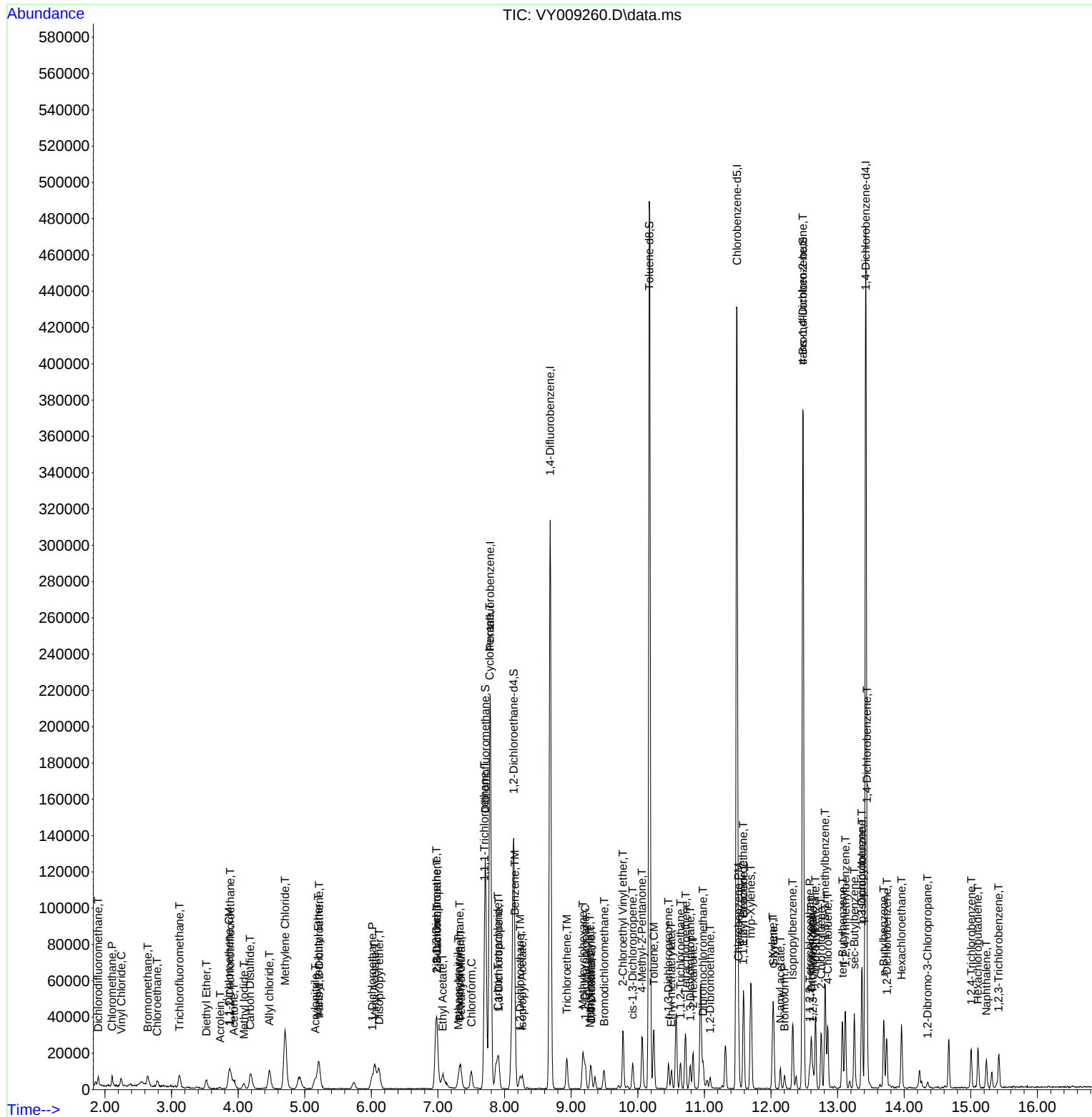
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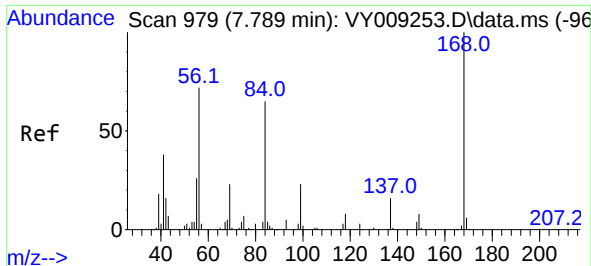
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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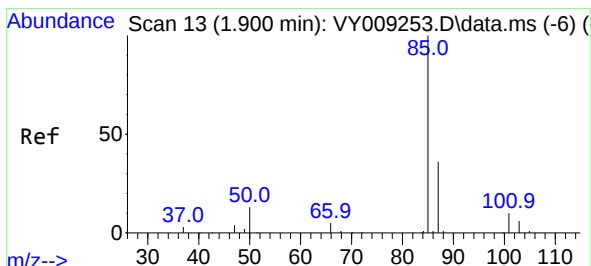
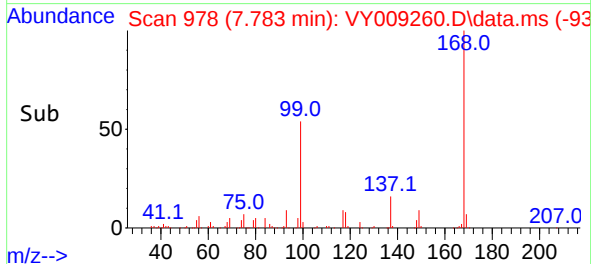
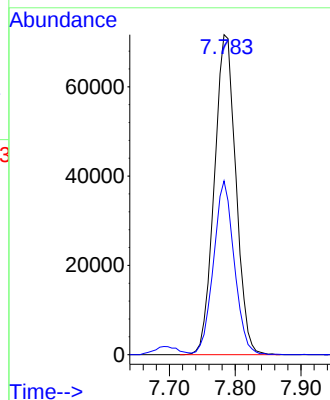
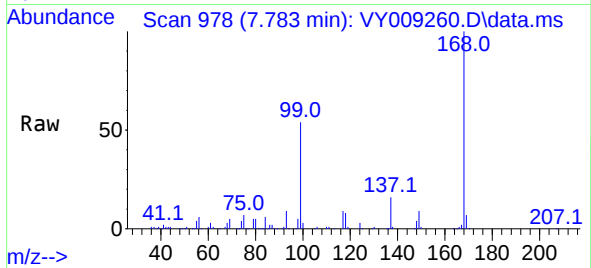




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009260.D
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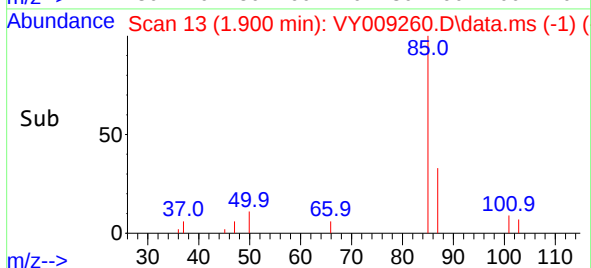
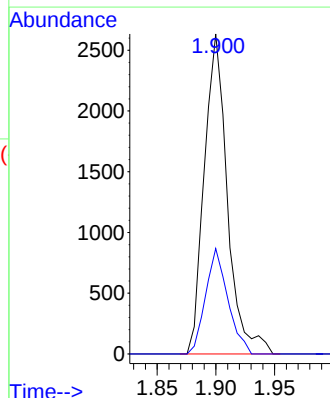
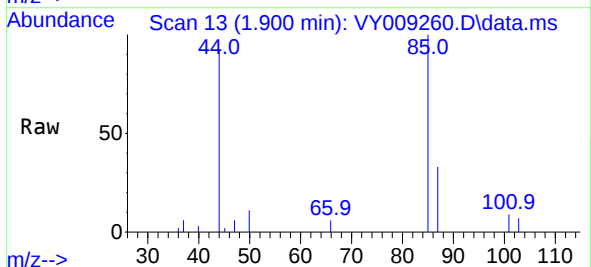
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

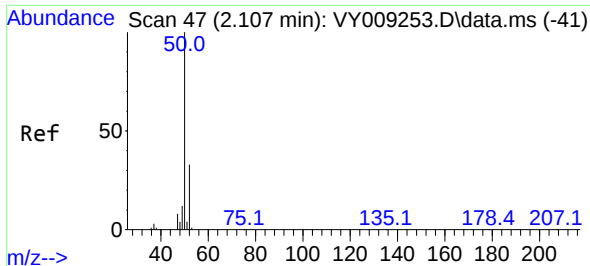
Tgt Ion:168 Resp: 163653
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.01 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 85 Resp: 3612
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

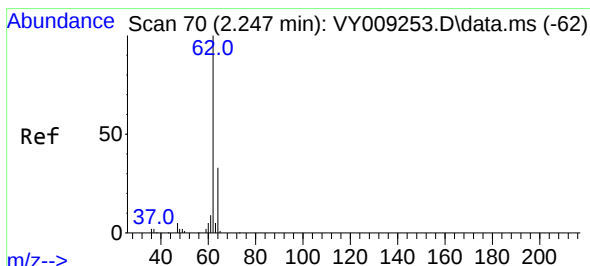
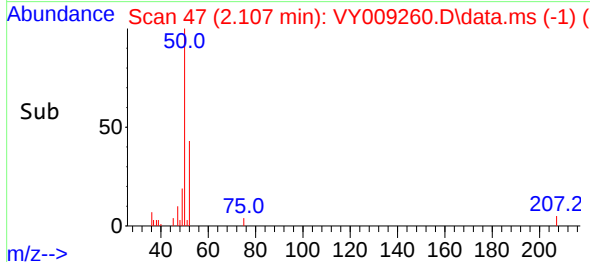
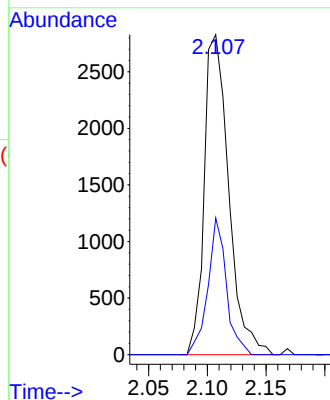
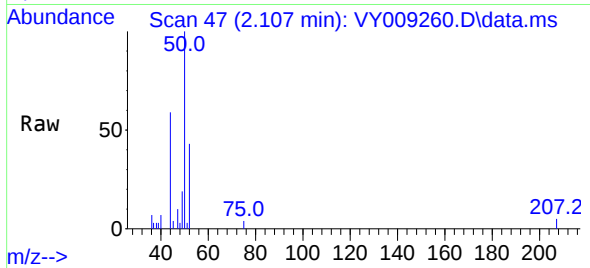




#3
Chloromethane
Concen: 2.78 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

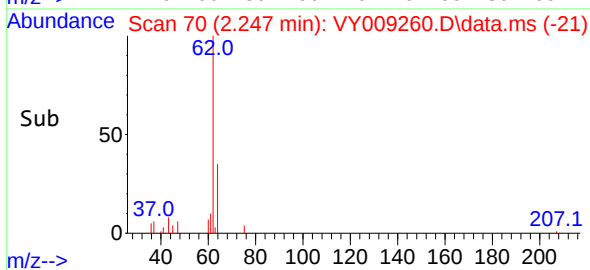
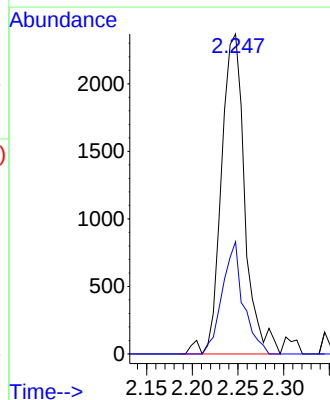
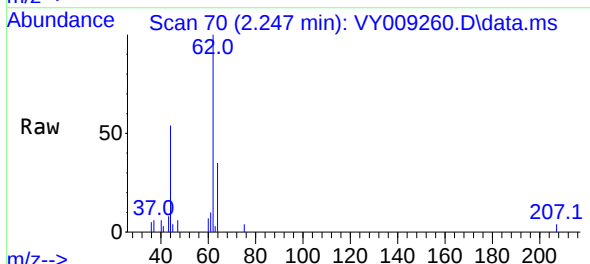
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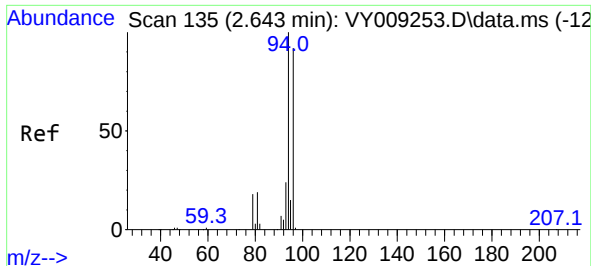
Tgt Ion: 50 Resp: 4093
Ion Ratio Lower Upper
50 100
52 42.7 24.6 37.0#



#4
Vinyl Chloride
Concen: 2.58 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 62 Resp: 4223
Ion Ratio Lower Upper
62 100
64 35.0 25.0 37.6

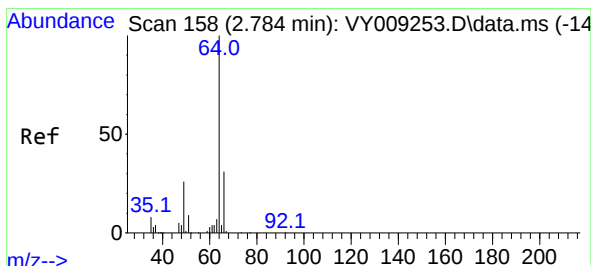
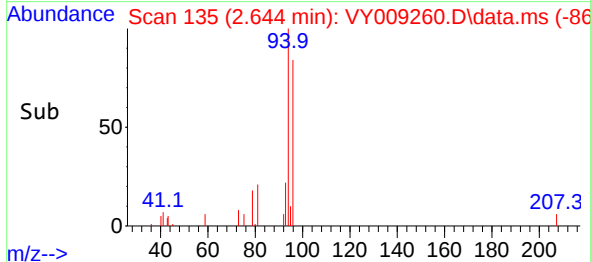
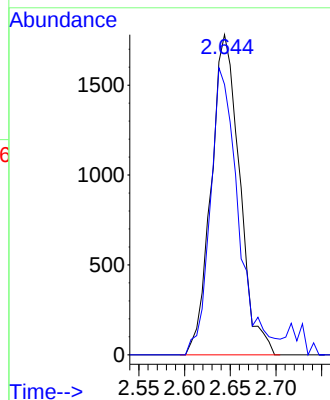
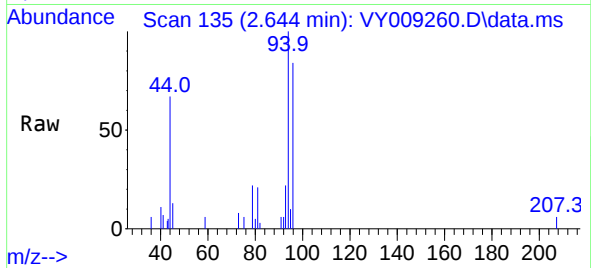




#5
Bromomethane
Concen: 3.39 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009260.D
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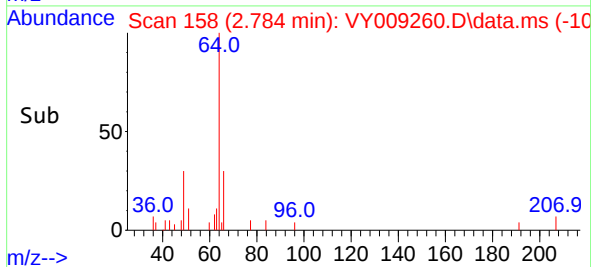
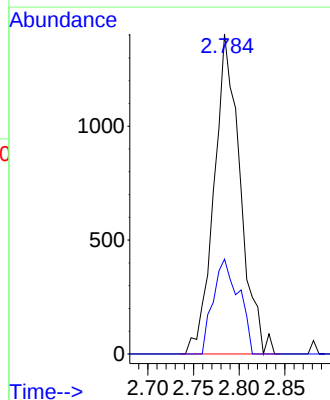
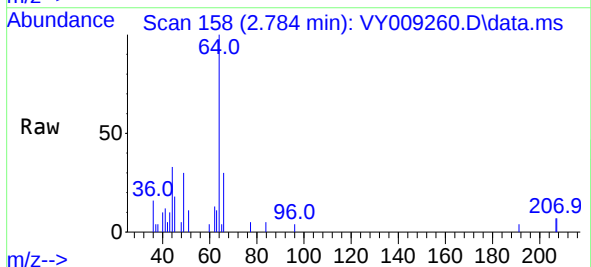
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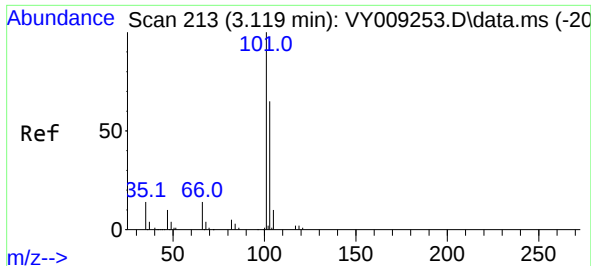
Tgt Ion: 94 Resp: 3859
Ion Ratio Lower Upper
94 100
96 84.4 73.5 110.3



#6
Chloroethane
Concen: 2.57 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 2799
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.0

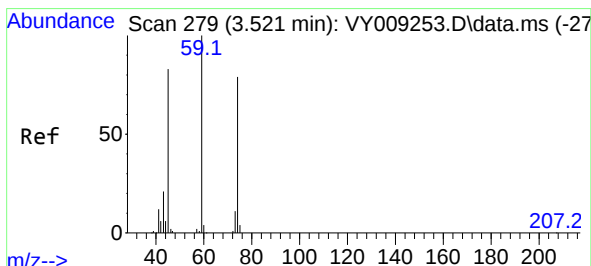
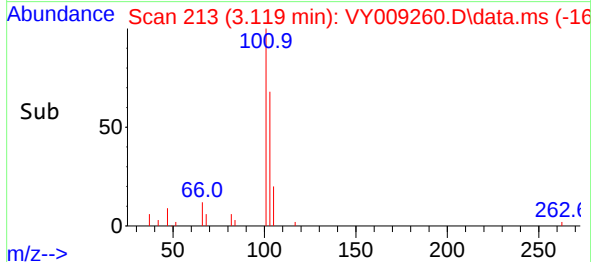
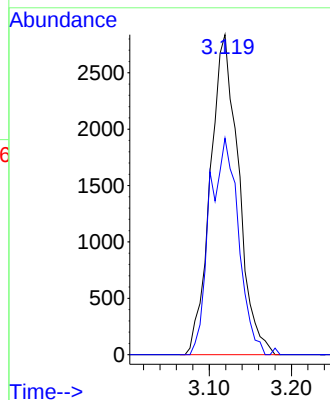
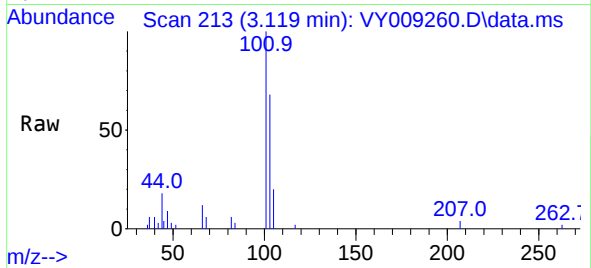




#7
Trichlorofluoromethane
Concen: 2.61 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

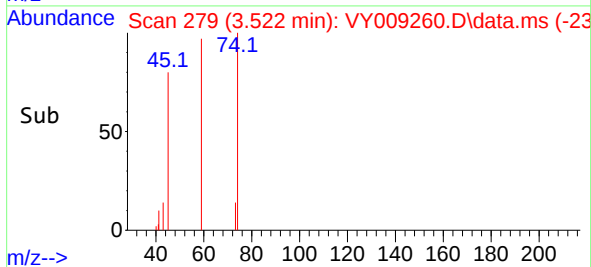
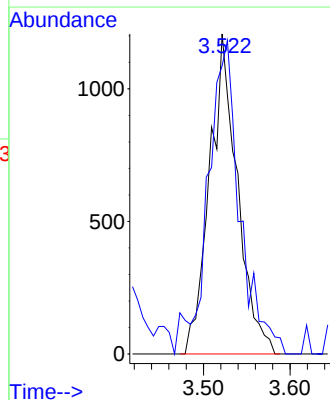
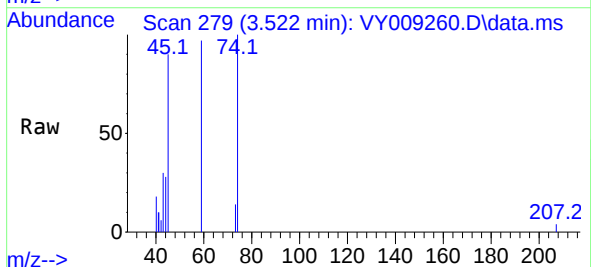
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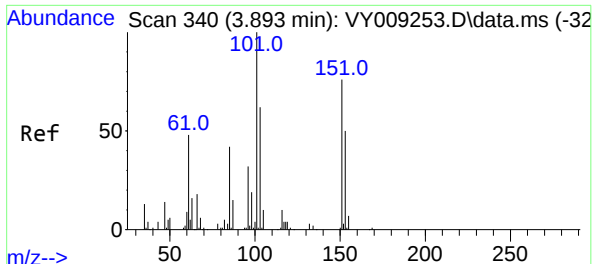
Tgt Ion:101 Resp: 6765
Ion Ratio Lower Upper
101 100
103 67.7 48.0 72.0



#8
Diethyl Ether
Concen: 2.83 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY009260.D
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Tgt Ion: 74 Resp: 2696
Ion Ratio Lower Upper
74 100
45 112.1 55.1 165.5

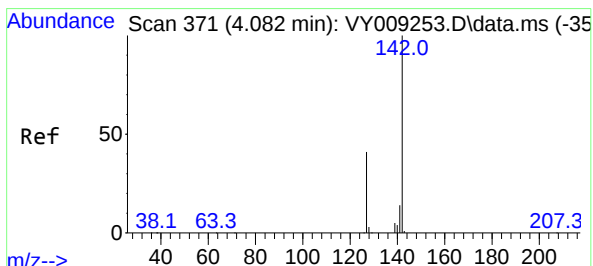
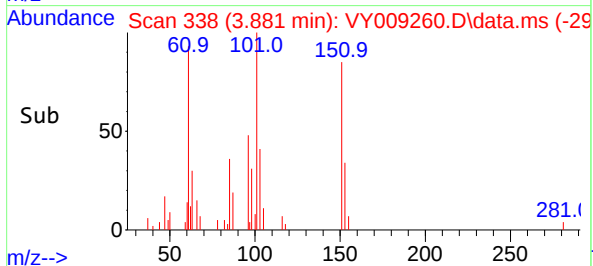
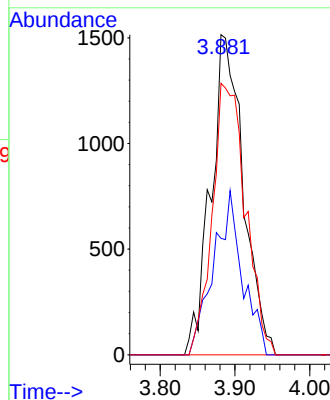
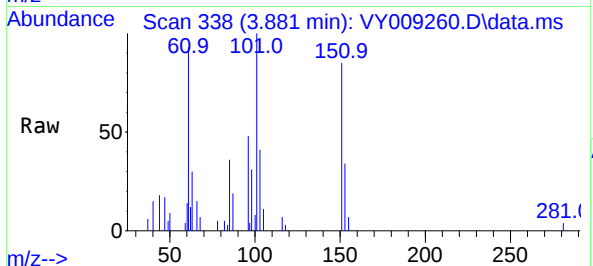




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.77 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

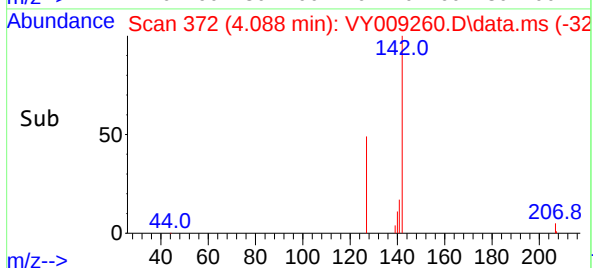
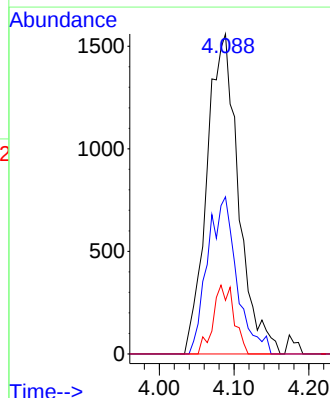
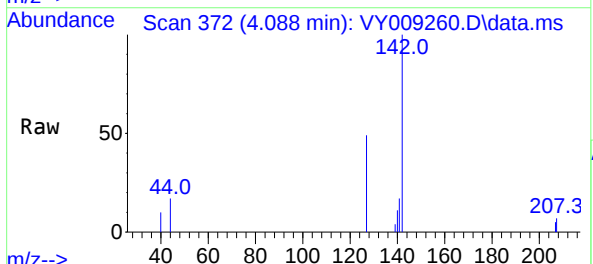
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

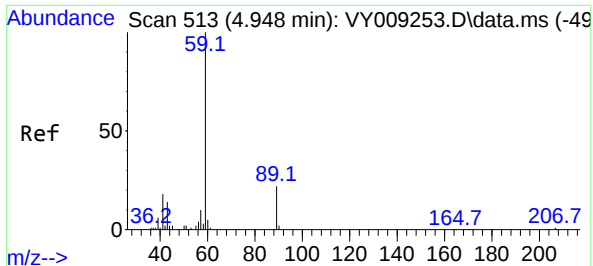
Tgt Ion:101 Resp: 4571
Ion Ratio Lower Upper
101 100
85 45.8 40.6 60.8
151 86.8 64.9 97.3



#10
Methyl Iodide
Concen: 2.28 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:142 Resp: 4586
Ion Ratio Lower Upper
142 100
127 45.4 41.5 62.3
141 14.0 11.9 17.9

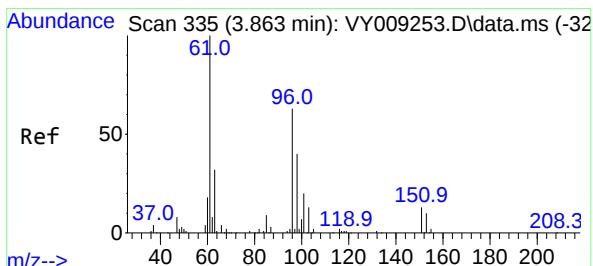
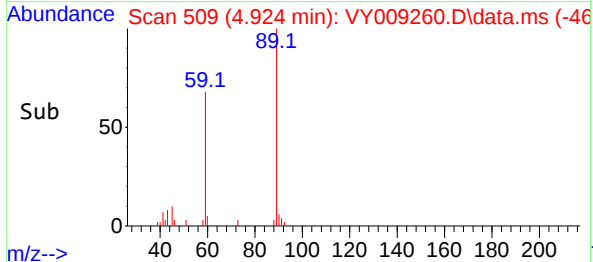
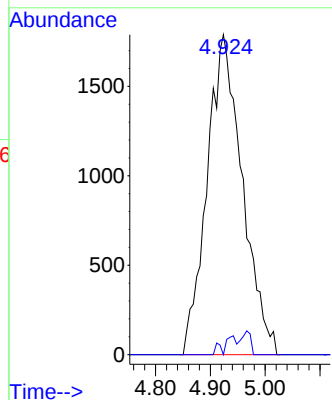
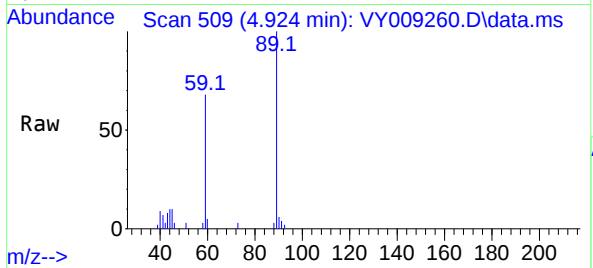




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

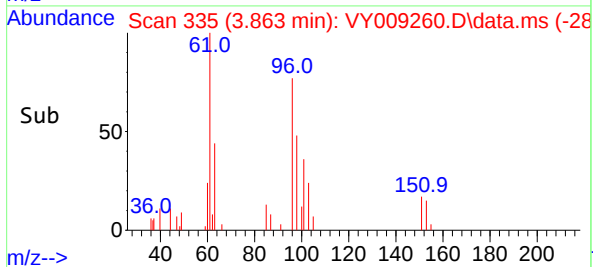
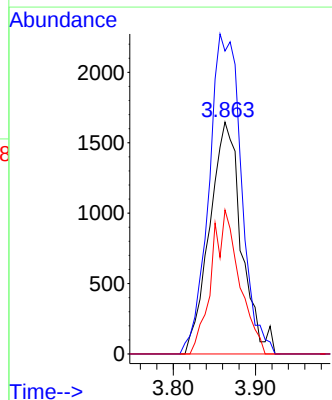
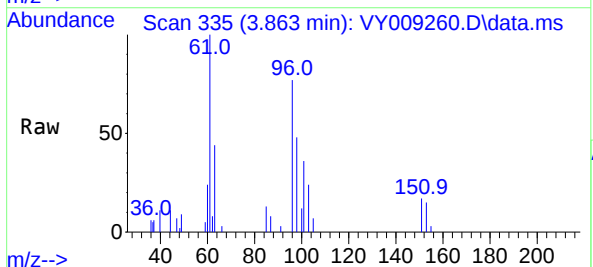
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

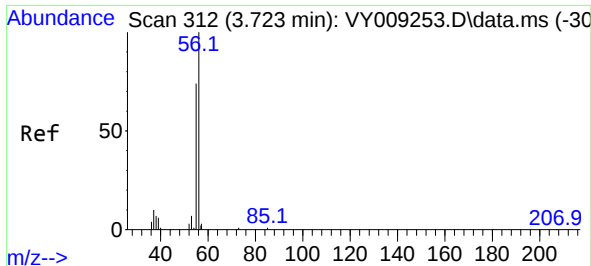
Tgt Ion: 59 Resp: 7990
Ion Ratio Lower Upper
59 100
57 1.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 2.83 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 96 Resp: 4440
Ion Ratio Lower Upper
96 100
61 130.7 145.8 218.6#
98 62.1 52.5 78.7

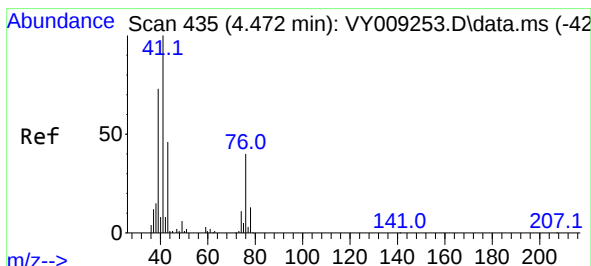
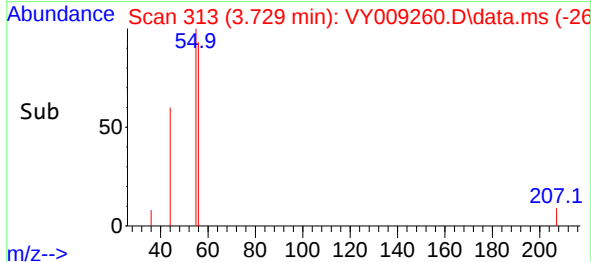
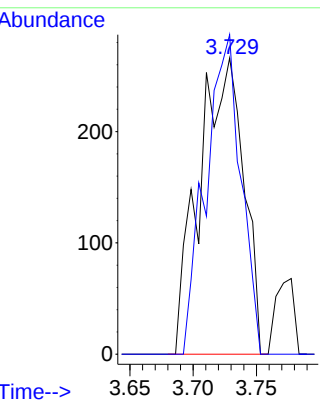
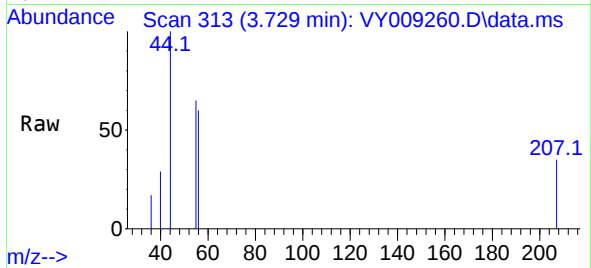




#13
Acrolein
Concen: 36.34 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

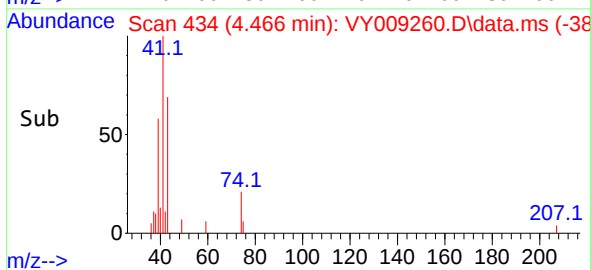
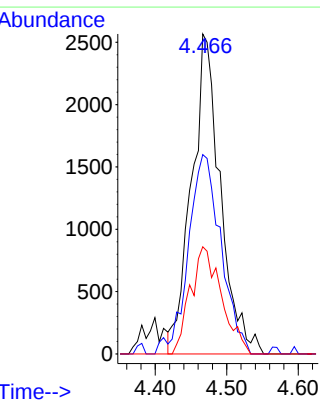
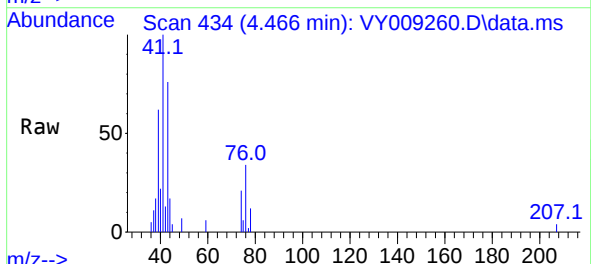
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

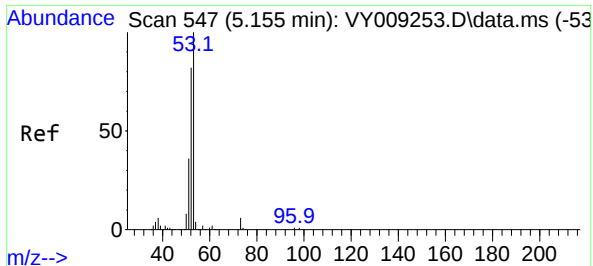
Tgt Ion: 56 Resp: 650
Ion Ratio Lower Upper
56 100
55 84.9 57.6 86.4



#14
Allyl chloride
Concen: 2.55 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 41 Resp: 7174
Ion Ratio Lower Upper
41 100
39 70.6 58.8 88.2
76 36.3 25.1 37.7

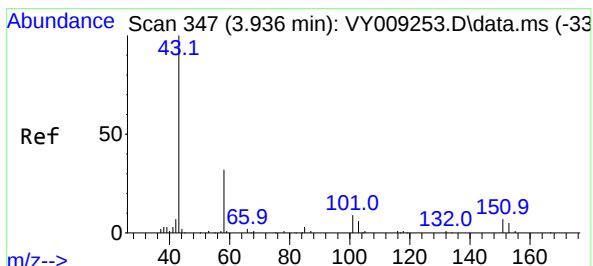
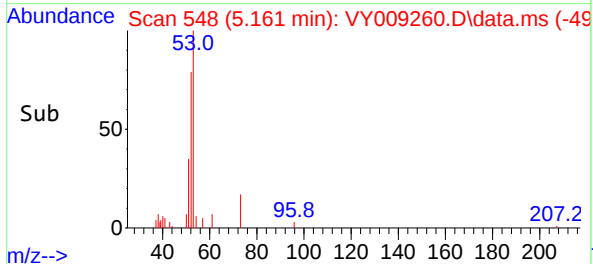
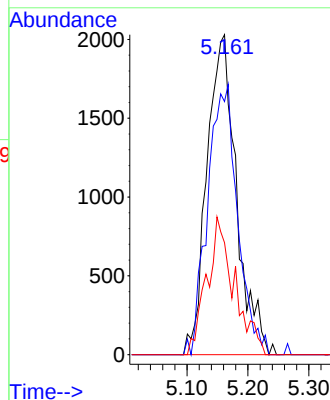
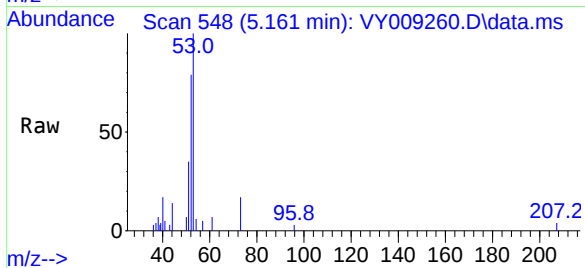




#15
Acrylonitrile
Concen: 12.84 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

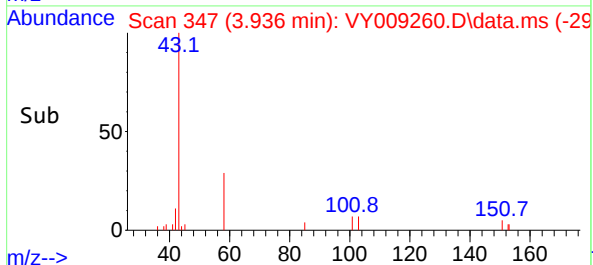
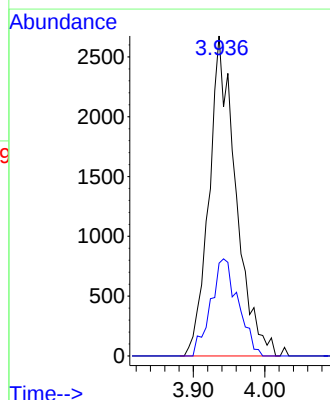
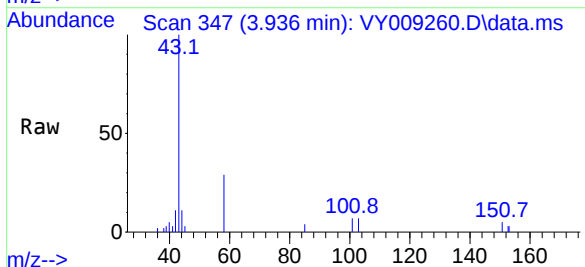
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

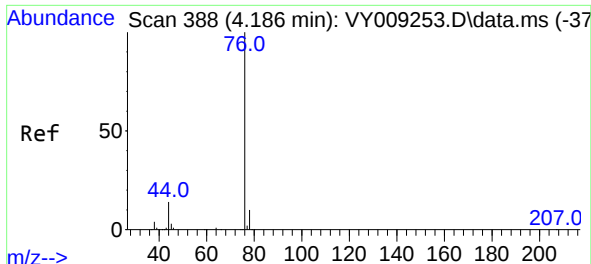
Tgt Ion: 53 Resp: 6822
Ion Ratio Lower Upper
53 100
52 85.8 67.0 100.4
51 40.1 29.8 44.6



#16
Acetone
Concen: 15.69 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 43 Resp: 6966
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0

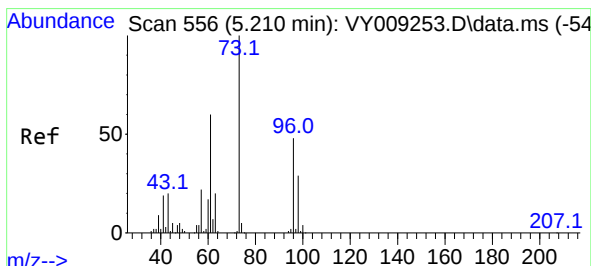
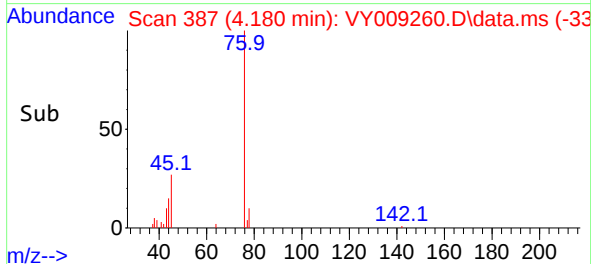
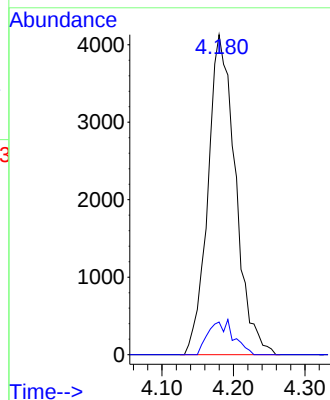
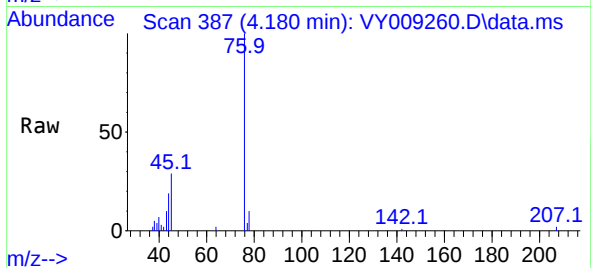




#17
Carbon Disulfide
Concen: 2.54 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

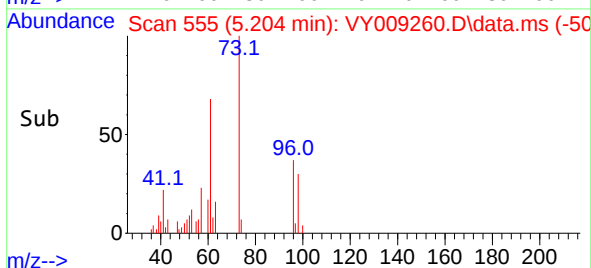
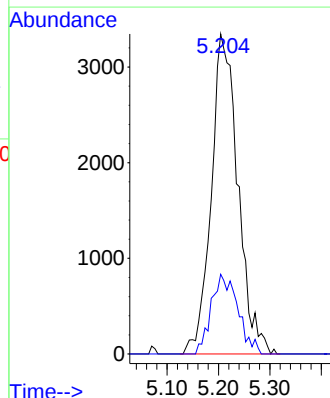
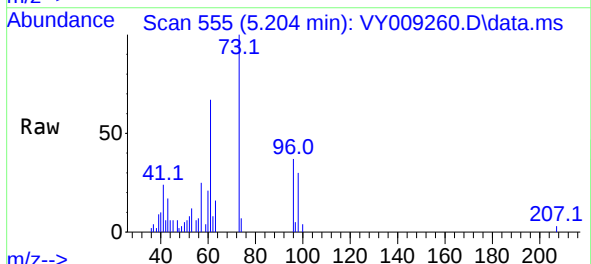
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

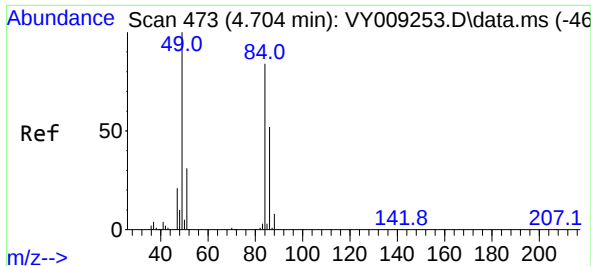
Tgt Ion: 76 Resp: 11041
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#19
Methyl tert-butyl Ether
Concen: 2.56 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 73 Resp: 12053
Ion Ratio Lower Upper
73 100
57 24.9 18.6 27.8



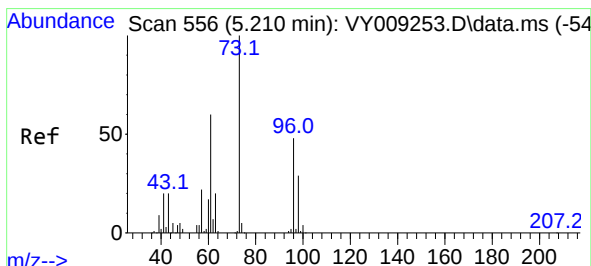
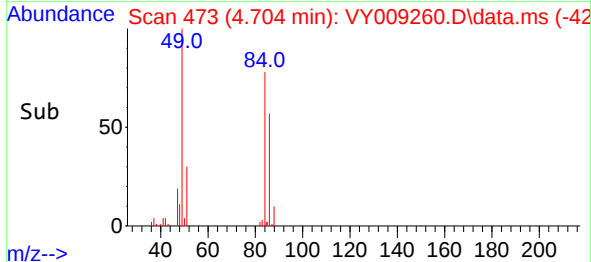
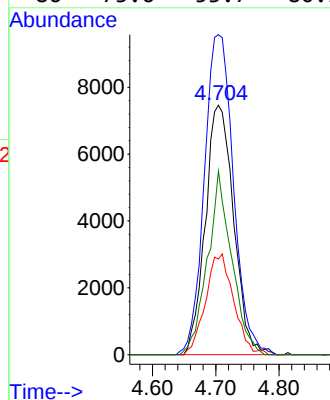
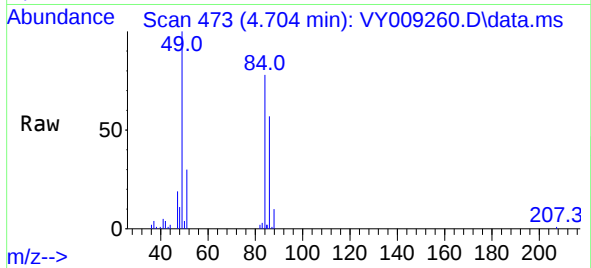


#20
Methylene Chloride
Concen: 4.09 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 84 Resp: 23265

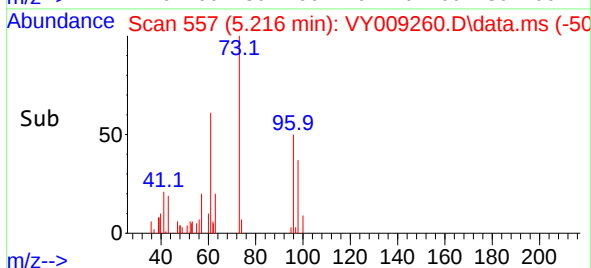
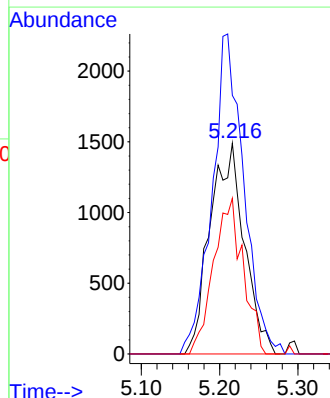
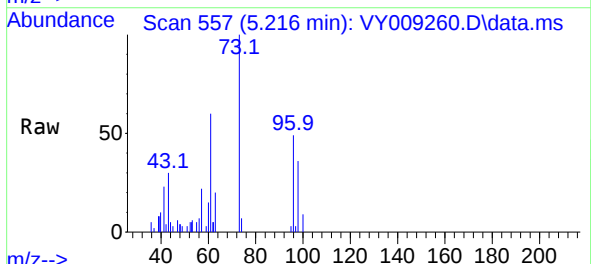
Ion	Ratio	Lower	Upper
84	100		
49	128.3	114.4	171.6
51	38.4	35.3	52.9
86	73.6	53.7	80.5

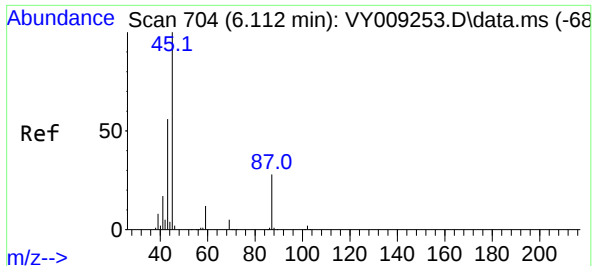


#21
trans-1,2-Dichloroethene
Concen: 2.43 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 96 Resp: 4518

Ion	Ratio	Lower	Upper
96	100		
61	122.7	120.5	180.7
98	73.9	49.8	74.8

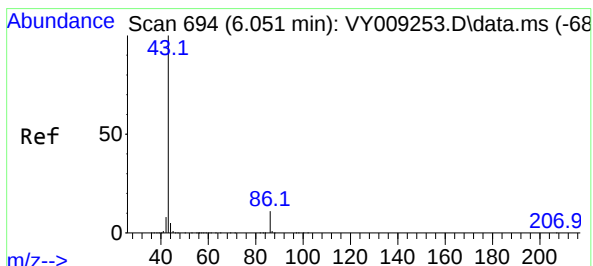
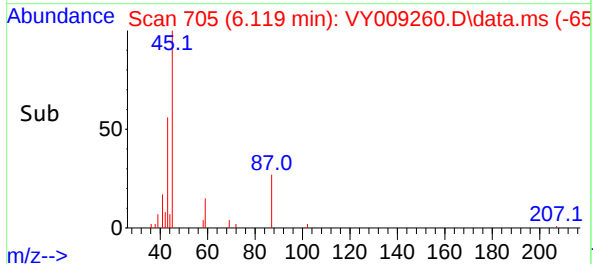
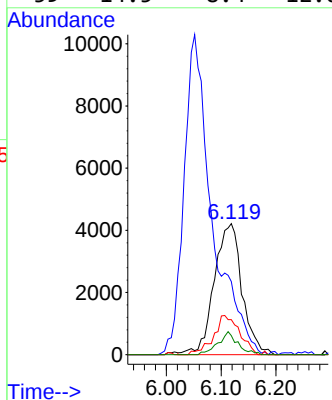
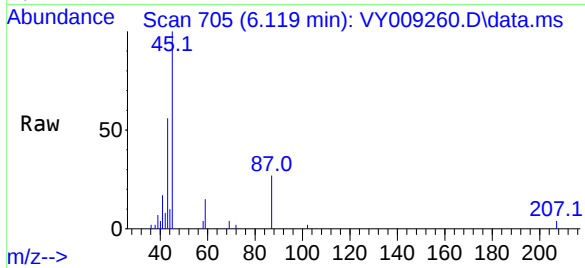




#22
Diisopropyl ether
Concen: 2.51 ug/l
RT: 6.119 min Scan# 704
Delta R.T. 0.007 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

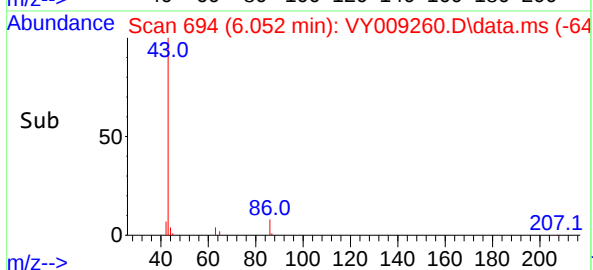
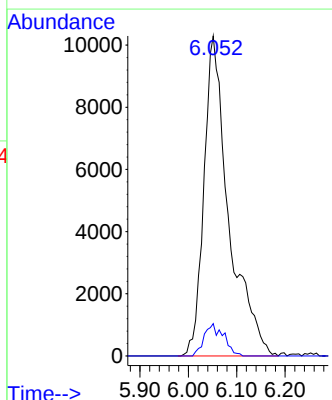
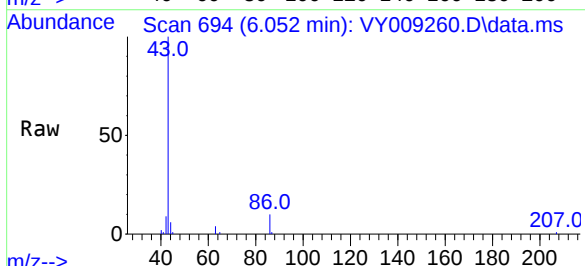
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

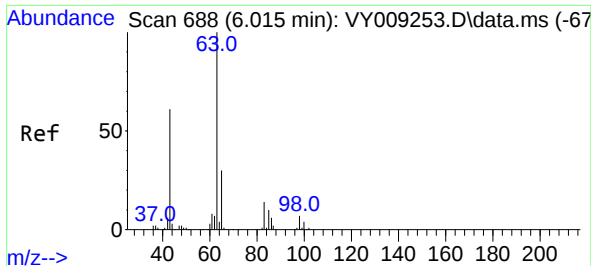
Tgt Ion: 45	Resp: 14839
Ion Ratio	Lower Upper
45 100	
43 55.8	49.3 73.9
87 26.7	19.2 28.8
59 14.5	8.4 12.6



#23
Vinyl Acetate
Concen: 10.12 ug/l
RT: 6.052 min Scan# 694
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 43	Resp: 36769
Ion Ratio	Lower Upper
43 100	
86 10.1	7.1 10.7

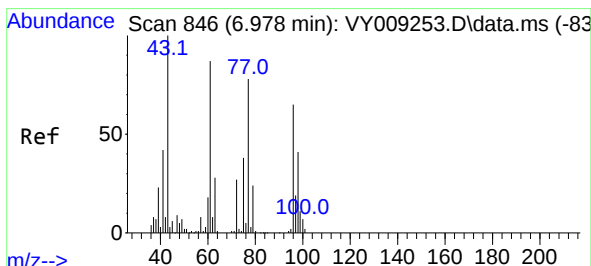
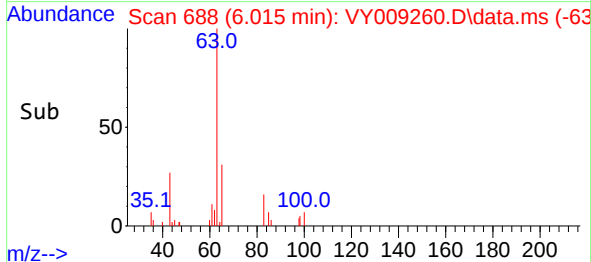
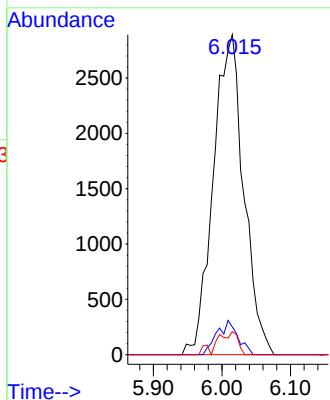
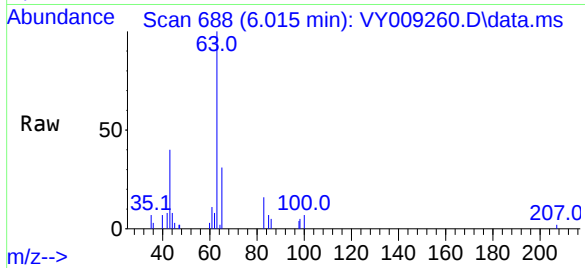




#24
1,1-Dichloroethane
Concen: 2.66 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

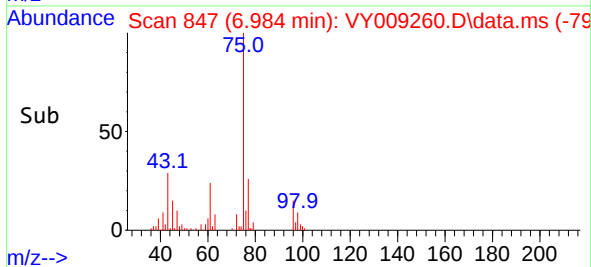
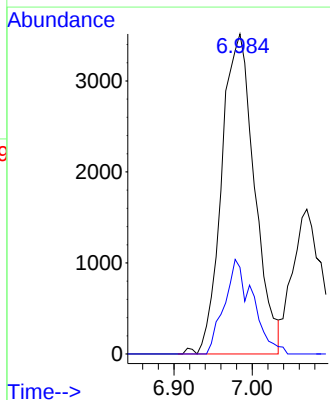
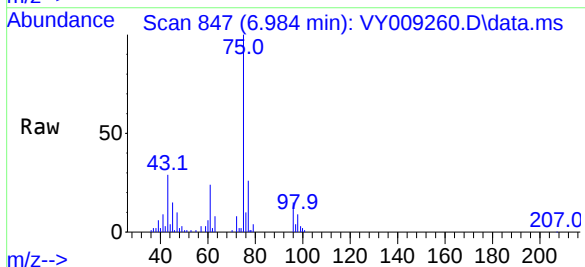
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

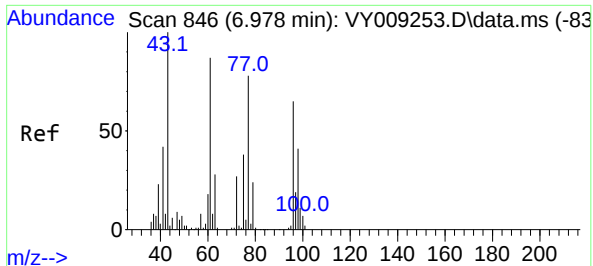
Tgt Ion: 63 Resp: 8921
Ion Ratio Lower Upper
63 100
98 8.7 3.6 10.8
100 7.2 2.0 5.8#



#25
2-Butanone
Concen: 14.29 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 43 Resp: 10246
Ion Ratio Lower Upper
43 100
72 27.1 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 2.94 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

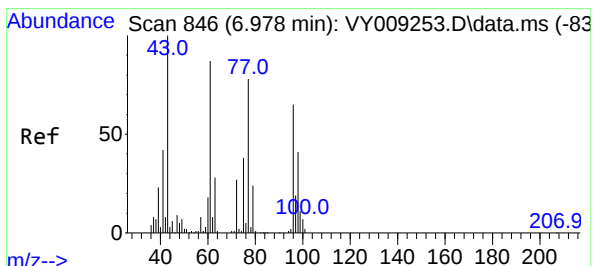
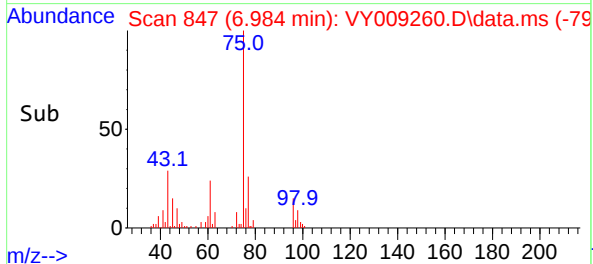
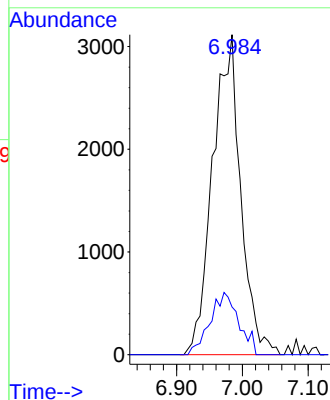
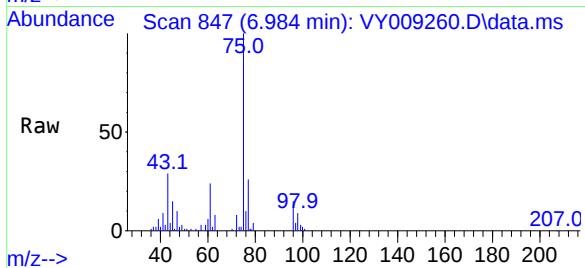
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 77 Resp: 9261

Ion Ratio Lower Upper

77 100

97 19.8 10.4 31.4



#27

cis-1,2-Dichloroethene

Concen: 2.43 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

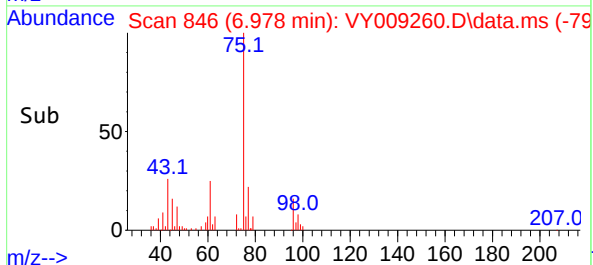
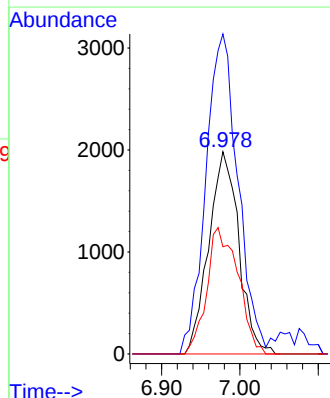
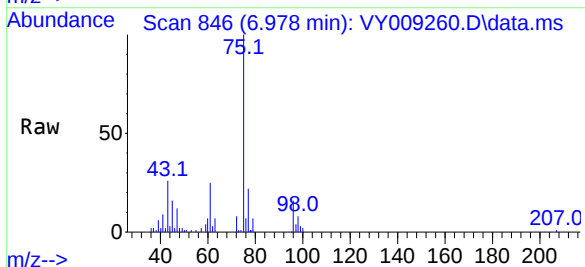
Tgt Ion: 96 Resp: 5292

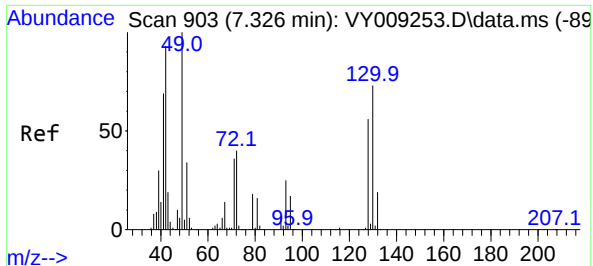
Ion Ratio Lower Upper

96 100

61 168.5 0.0 319.8

98 65.0 0.0 127.0

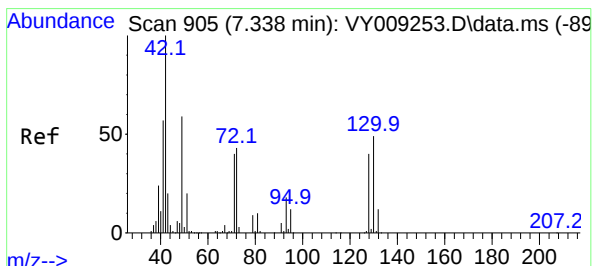
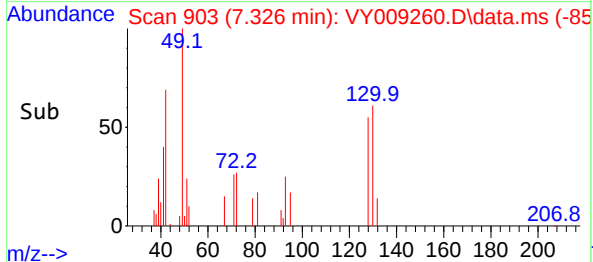
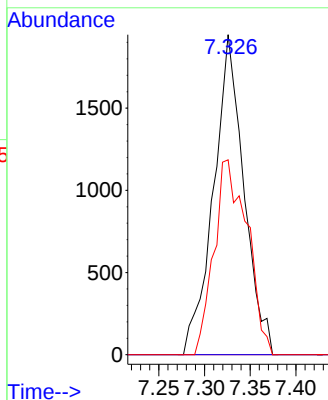
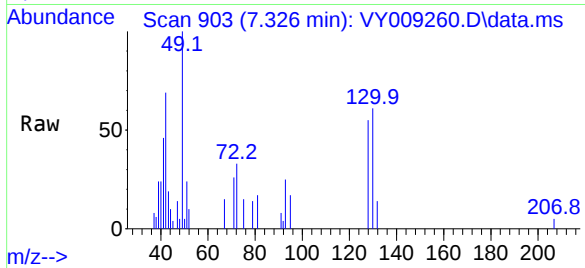




#28
Bromochloromethane
Concen: 3.11 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

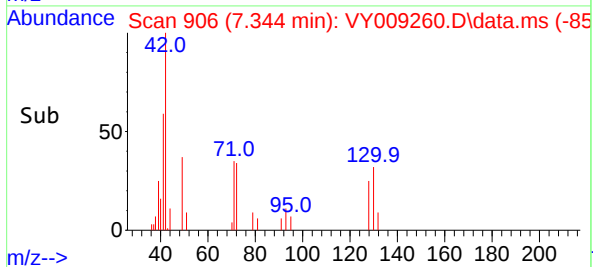
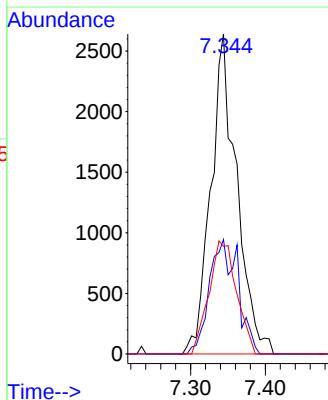
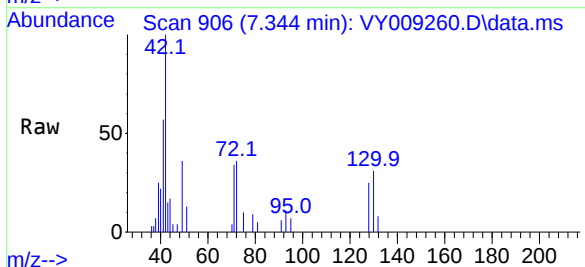
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

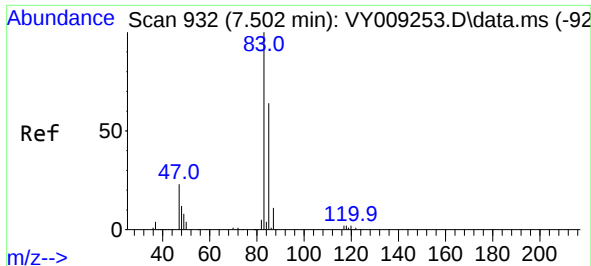
Tgt Ion:	49	Resp:	4495
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	66.7	55.4	83.0



#29
Tetrahydrofuran
Concen: 13.99 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:	42	Resp:	6355
Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.3	45.5
71	37.7	29.0	43.4

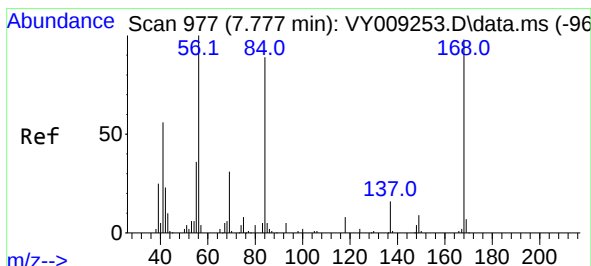
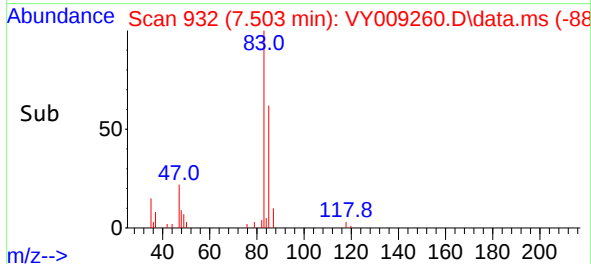
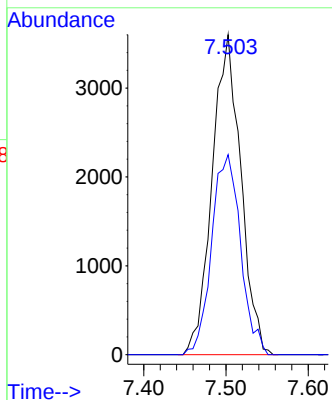
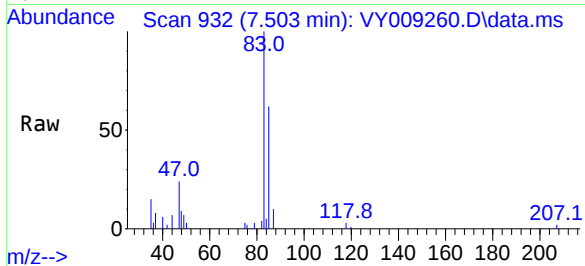




#30
Chloroform
Concen: 2.53 ug/l
RT: 7.503 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

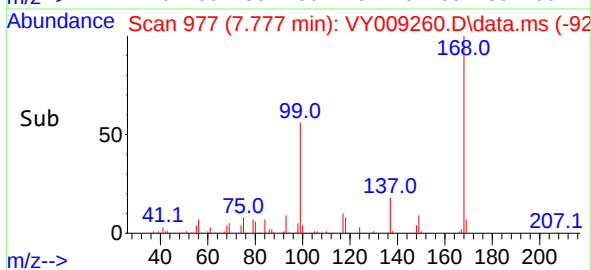
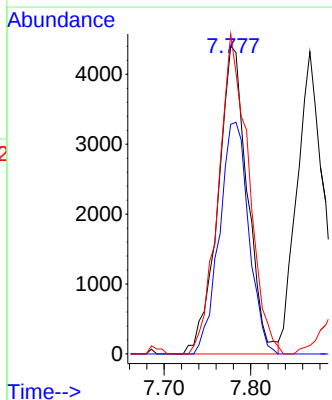
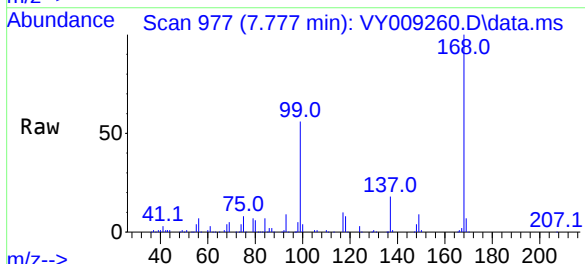
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

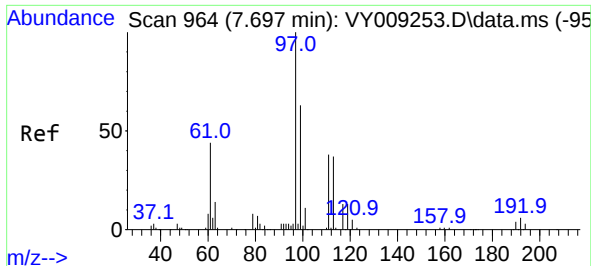
Tgt Ion: 83 Resp: 8728
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6



#31
Cyclohexane
Concen: 3.34 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 56 Resp: 10433
Ion Ratio Lower Upper
56 100
69 74.5 26.7 40.1#
84 103.9 67.2 100.8#

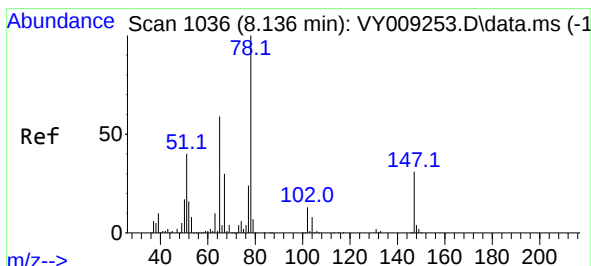
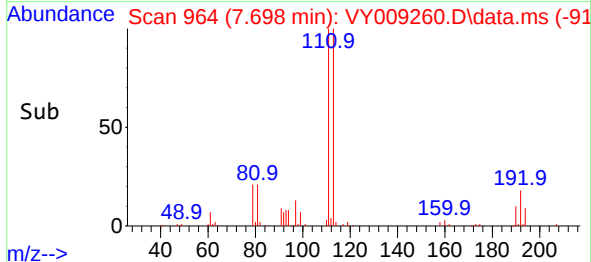
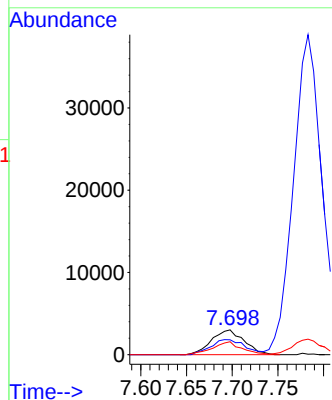
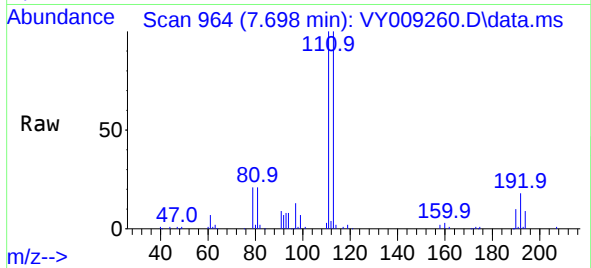




#32
1,1,1-Trichloroethane
Concen: 2.48 ug/l
RT: 7.698 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

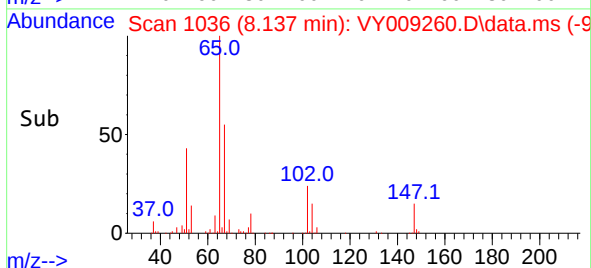
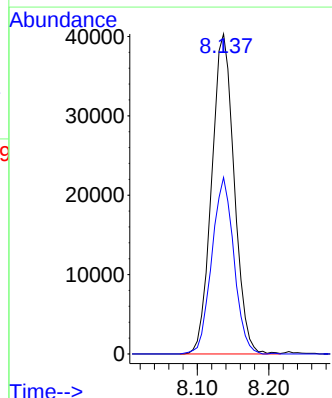
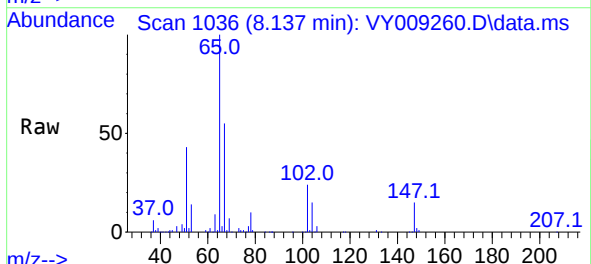
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

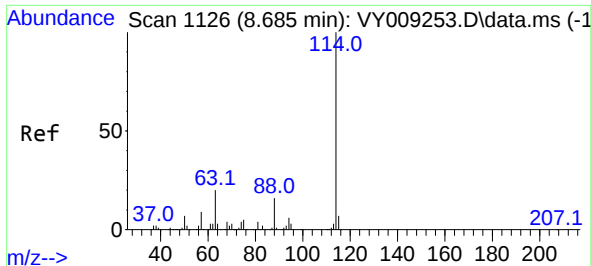
Tgt Ion:	97	Resp:	7463
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.7	76.1
61	46.3	37.6	56.4



#33
1,2-Dichloroethane-d4
Concen: 49.05 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:	65	Resp:	88159
Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB

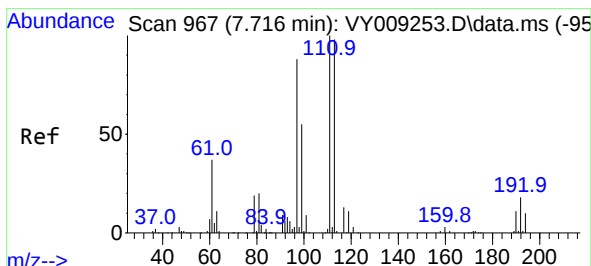
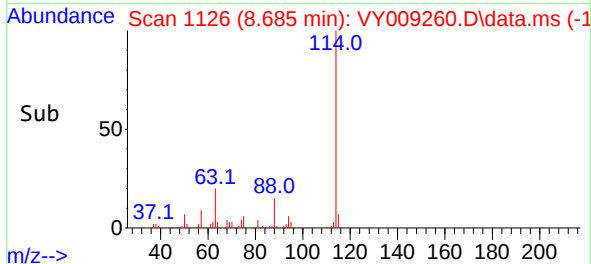
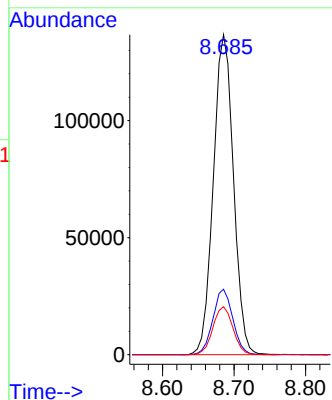
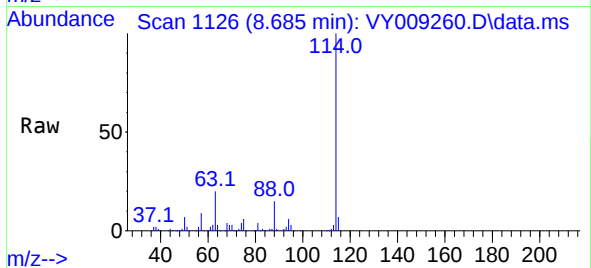
Tgt Ion:114 Resp: 267306

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.03 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

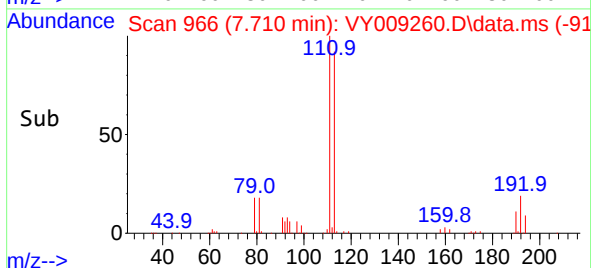
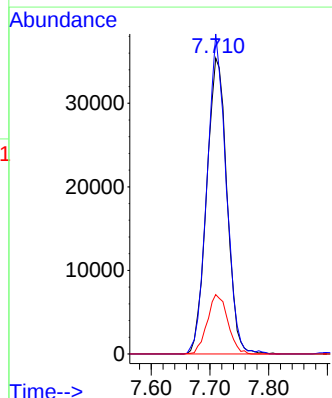
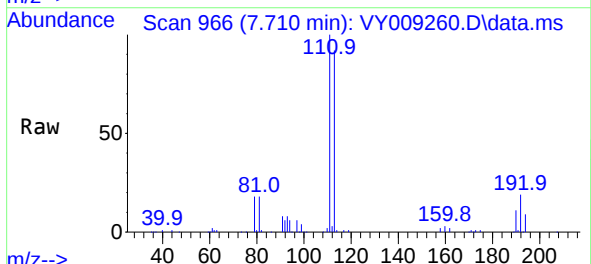
Tgt Ion:113 Resp: 84873

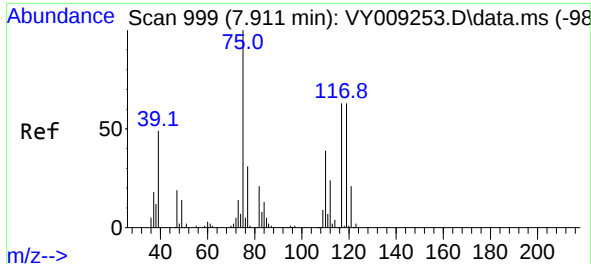
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 20.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 2.72 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB

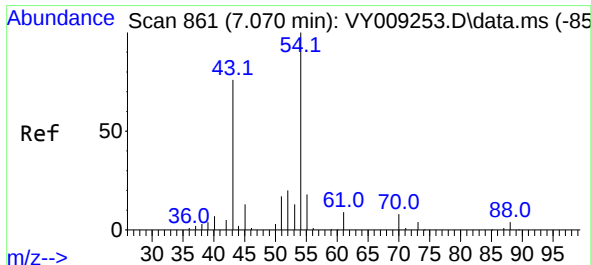
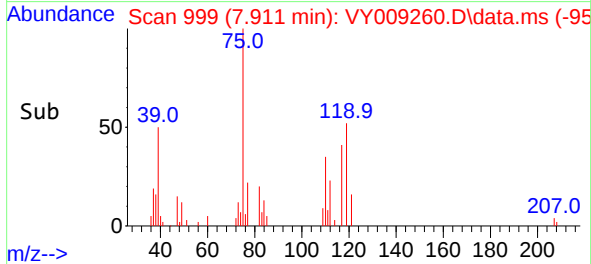
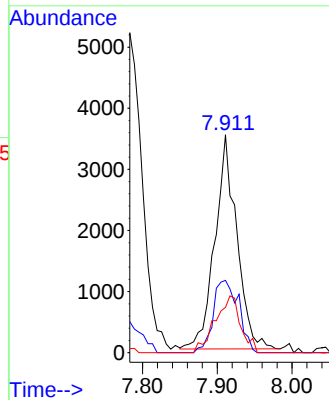
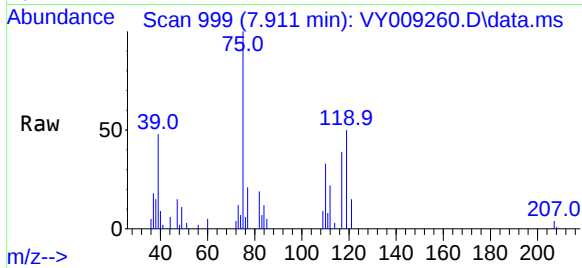
Tgt Ion: 75 Resp: 7160

Ion Ratio Lower Upper

75 100

110 39.3 17.1 51.2

77 30.6 24.4 36.6



#37

Ethyl Acetate

Concen: 2.70 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

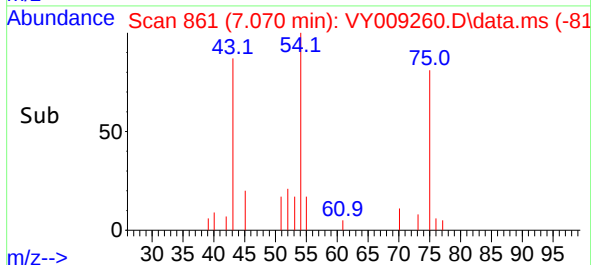
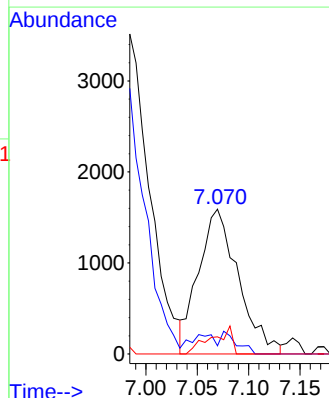
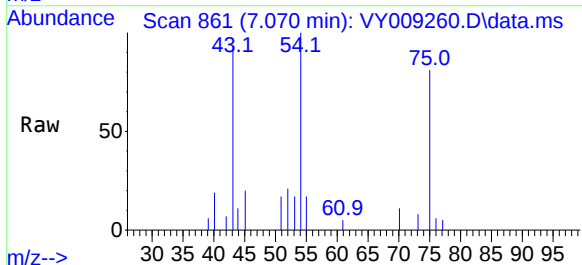
Tgt Ion: 43 Resp: 4295

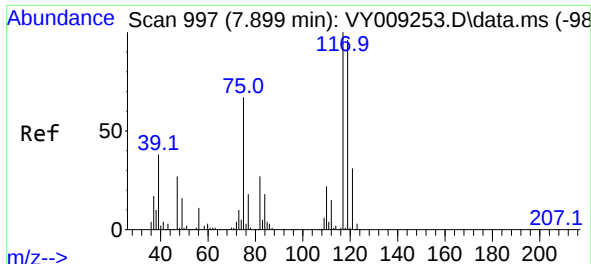
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 10.0 7.1 10.7

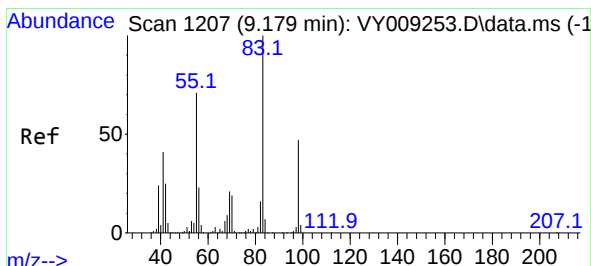
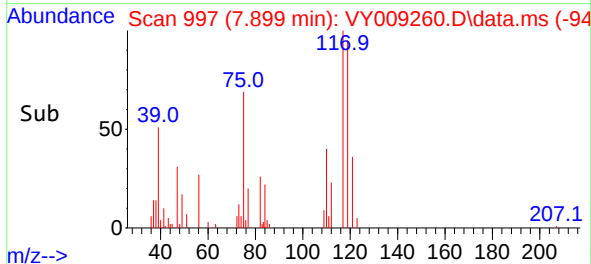
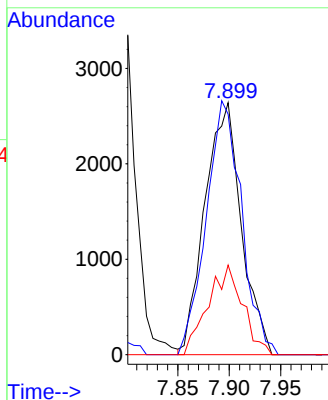
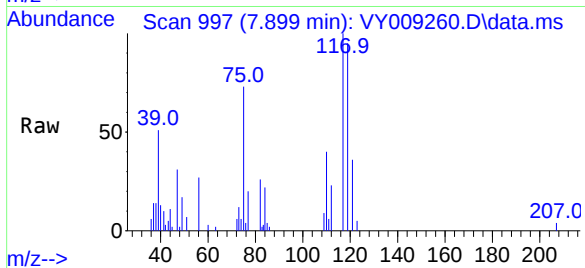




#38
Carbon Tetrachloride
Concen: 2.37 ug/l
RT: 7.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

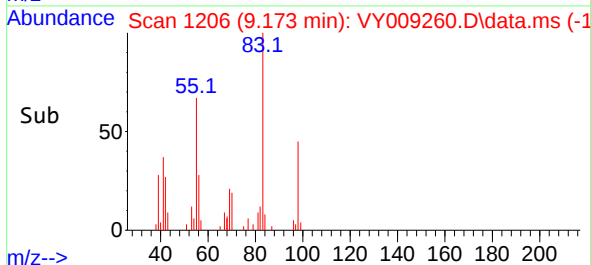
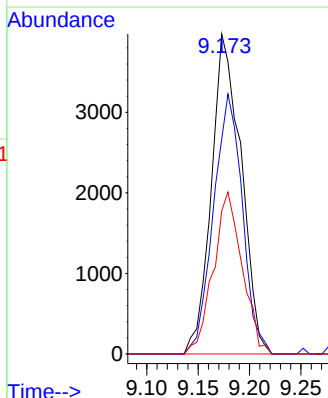
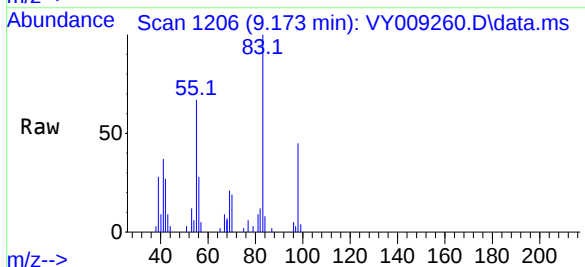
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

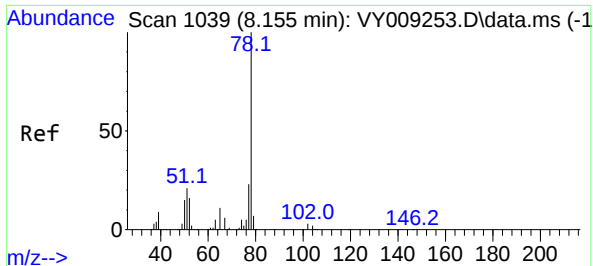
Tgt Ion:117	Resp:	6499
Ion	Ratio	Lower Upper
117	100	
119	95.4	77.9 116.9
121	35.5	24.8 37.2



#39
Methylcyclohexane
Concen: 2.47 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 83	Resp:	7979
Ion	Ratio	Lower Upper
83	100	
55	67.1	66.5 99.7
98	44.7	37.9 56.9

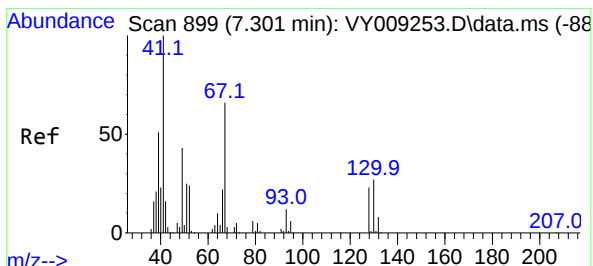
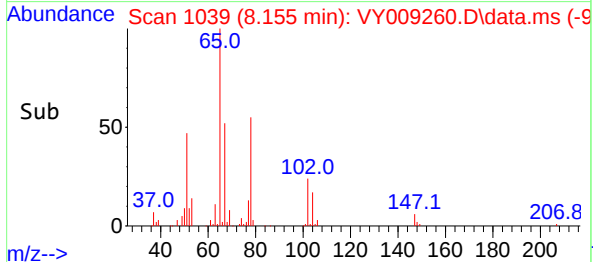
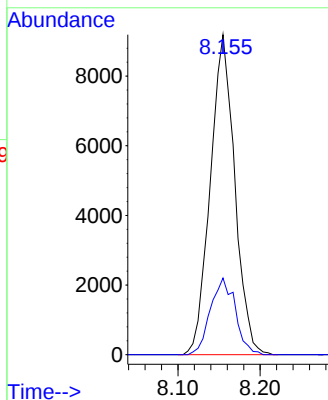
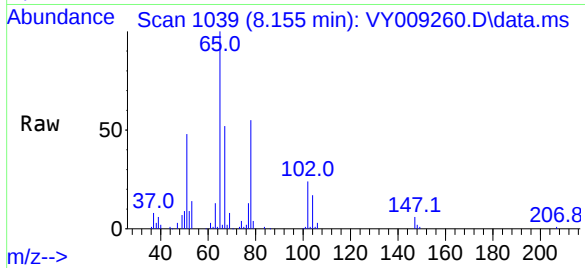




#40
Benzene
Concen: 2.44 ug/l
RT: 8.155 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

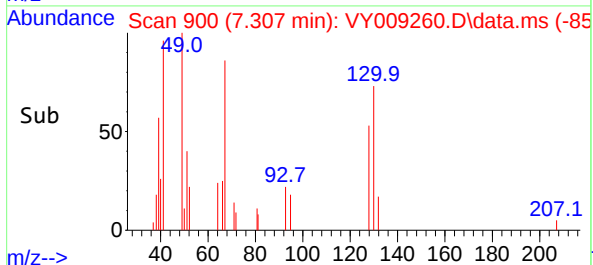
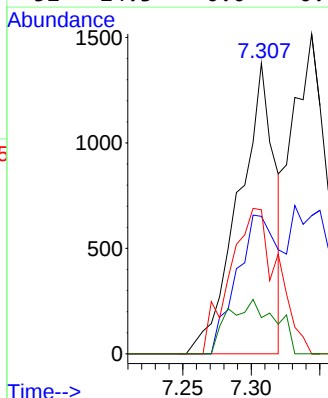
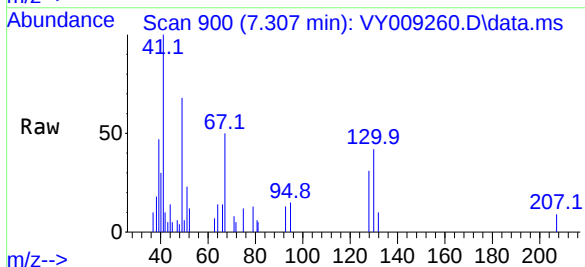
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

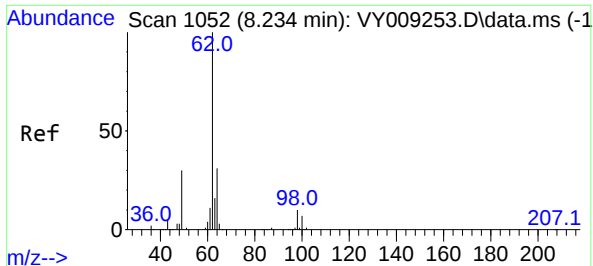
Tgt Ion: 78 Resp: 19016
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6



#41
Methacrylonitrile
Concen: 2.85 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 41 Resp: 2515
Ion Ratio Lower Upper
41 100
39 59.2 92.9 139.3#
67 66.1 0.0 0.0#
52 24.3 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 2.54 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

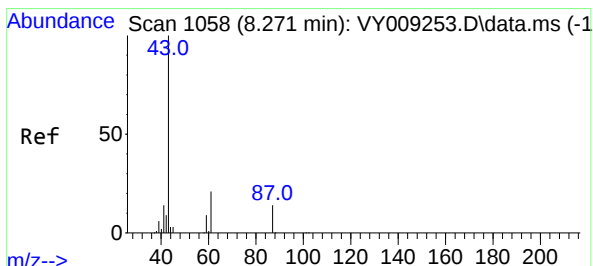
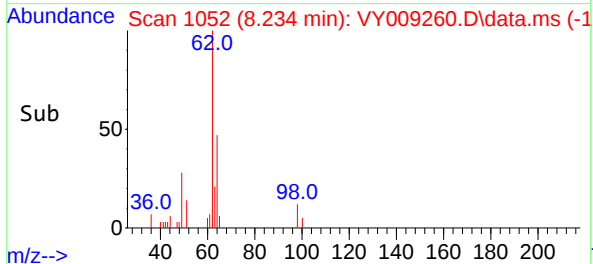
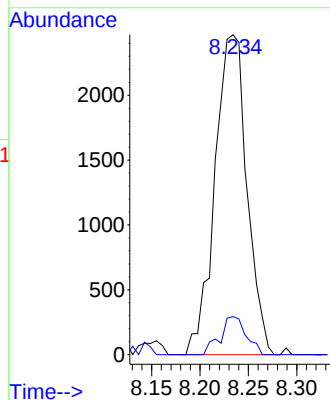
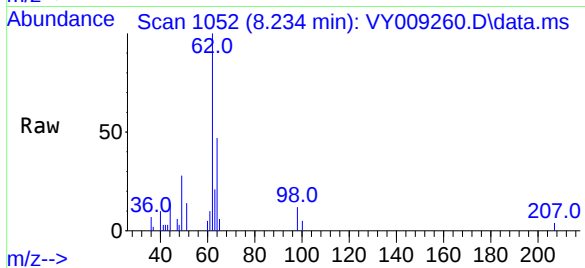
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 62 Resp: 5686

Ion Ratio Lower Upper

62 100

98 9.7 0.0 14.8



#43

Isopropyl Acetate

Concen: 2.50 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

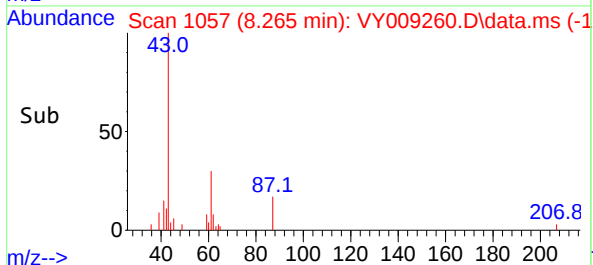
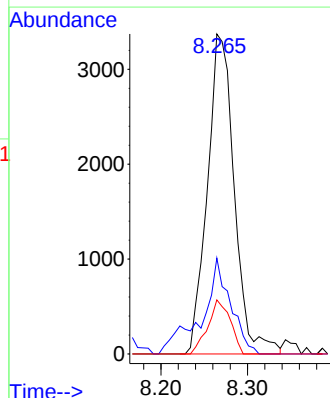
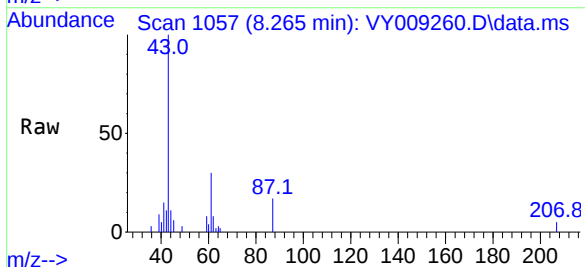
Tgt Ion: 43 Resp: 7291

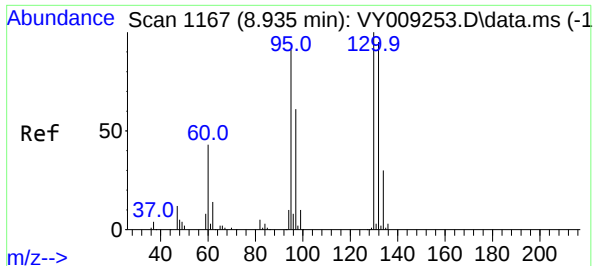
Ion Ratio Lower Upper

43 100

61 32.4 20.2 30.2#

87 14.0 8.9 13.3#

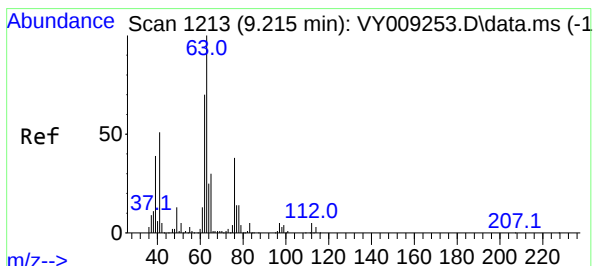
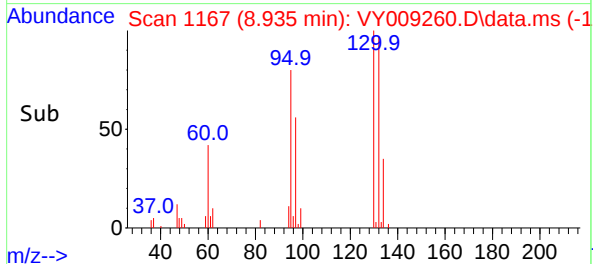
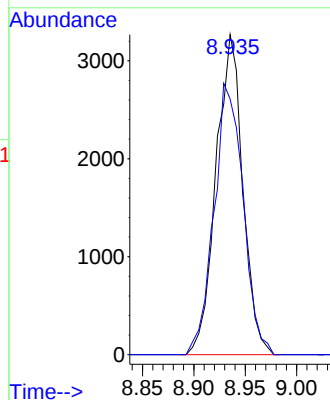
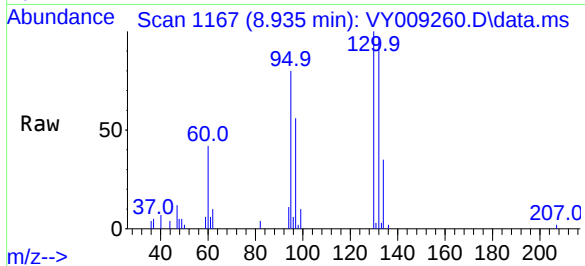




#44
Trichloroethene
Concen: 2.69 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

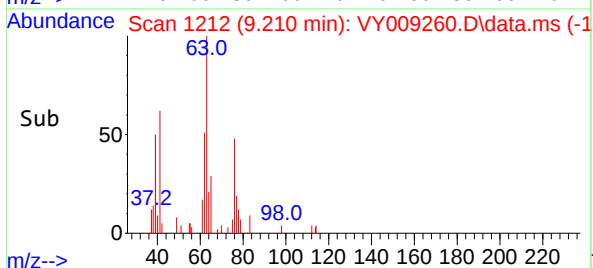
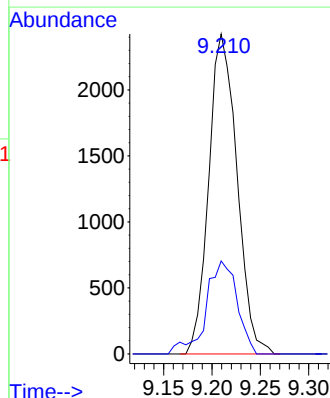
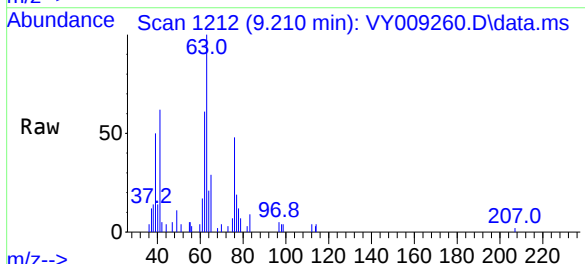
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

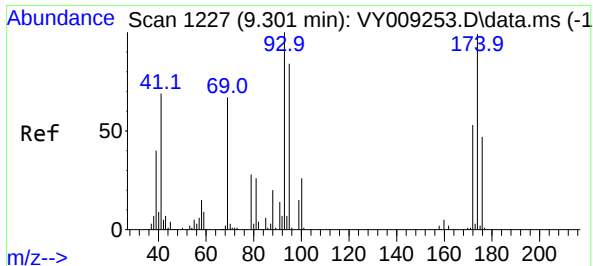
Tgt Ion:130 Resp: 5912
Ion Ratio Lower Upper
130 100
95 79.9 0.0 188.2



#45
1,2-Dichloropropane
Concen: 2.45 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. -0.005 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 63 Resp: 4920
Ion Ratio Lower Upper
63 100
65 29.0 23.0 34.6

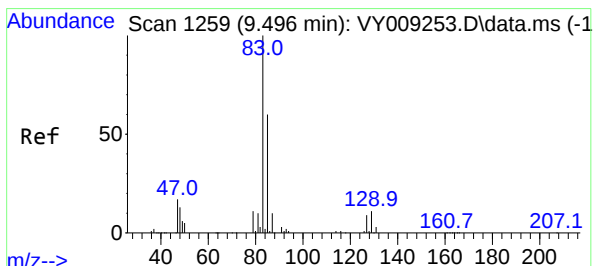
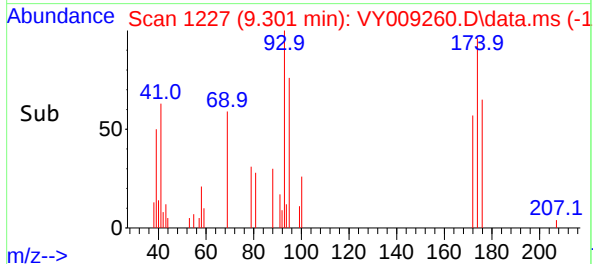
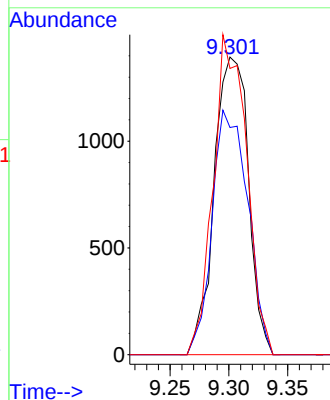
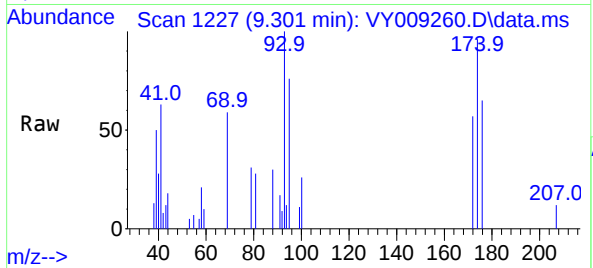




#46
Dibromomethane
Concen: 2.48 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

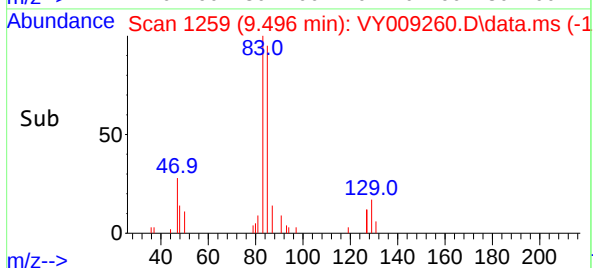
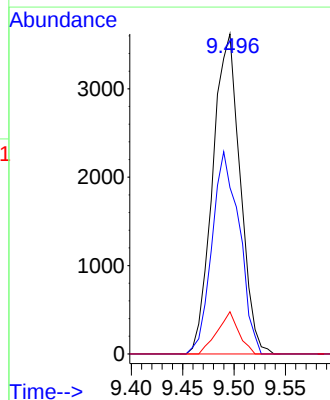
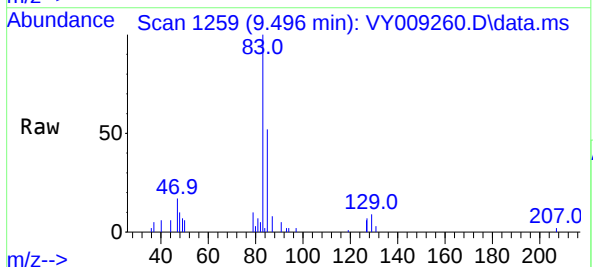
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

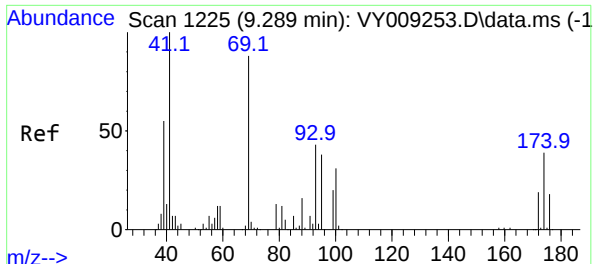
Tgt Ion: 93 Resp: 2836
Ion Ratio Lower Upper
93 100
95 85.3 64.3 96.5
174 104.1 83.4 125.0



#47
Bromodichloromethane
Concen: 2.48 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 83 Resp: 6724
Ion Ratio Lower Upper
83 100
85 52.0 51.9 77.9
127 13.2 6.6 10.0#

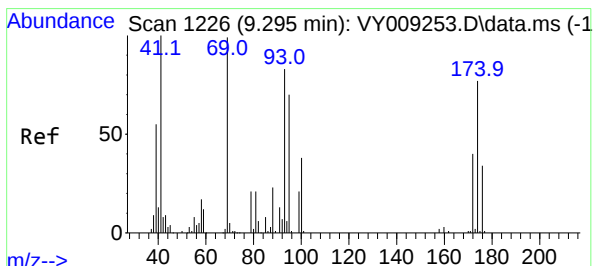
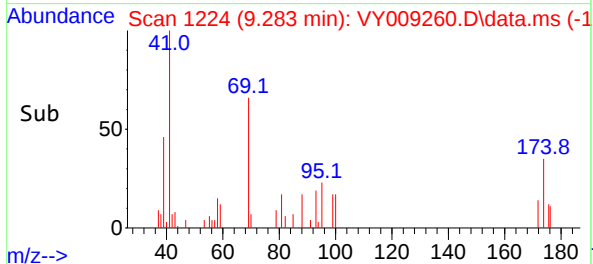
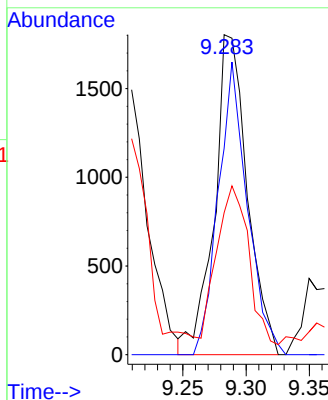
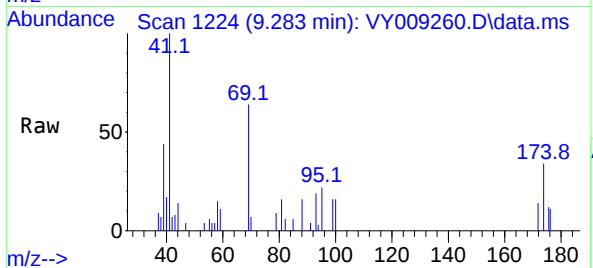




#48
Methyl methacrylate
Concen: 2.55 ug/l
RT: 9.283 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

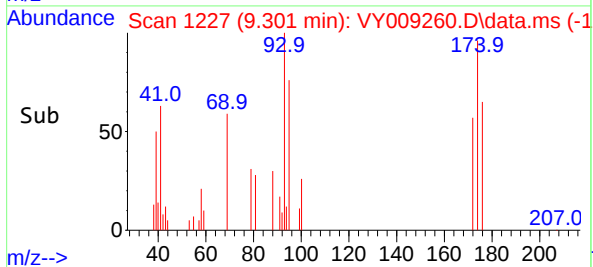
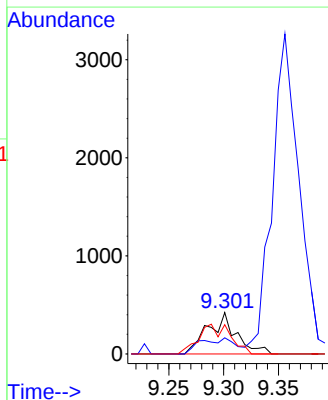
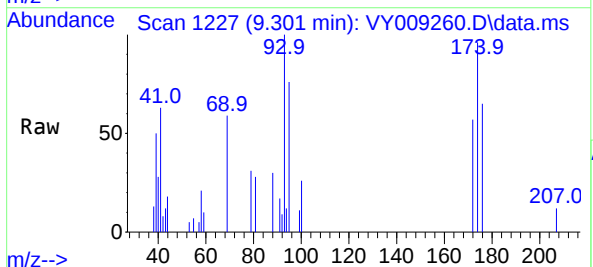
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

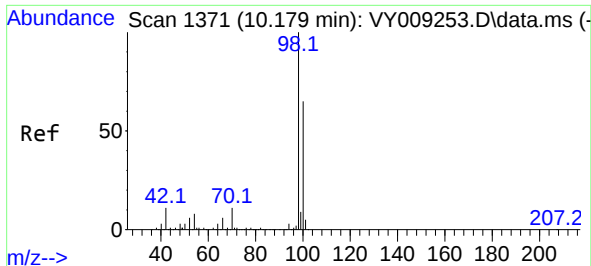
Tgt Ion: 41 Resp: 3259
Ion Ratio Lower Upper
41 100
69 81.1 58.2 87.2
39 48.8 47.4 71.0



#49
1,4-Dioxane
Concen: 46.75 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 88 Resp: 767
Ion Ratio Lower Upper
88 100
43 26.6 32.8 49.2#
58 78.7 59.8 89.6

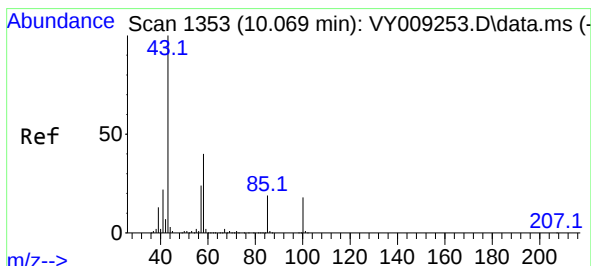
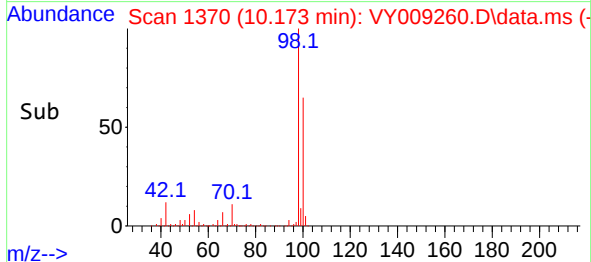
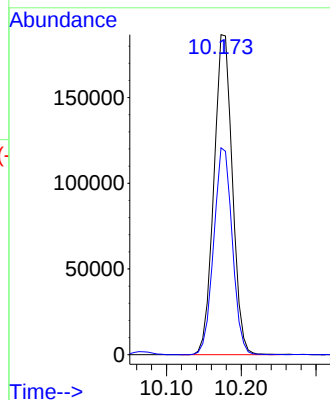
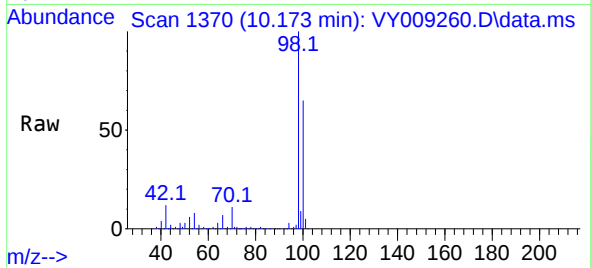




#50
Toluene-d8
Concen: 48.37 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

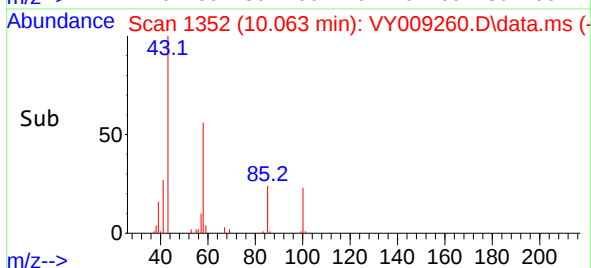
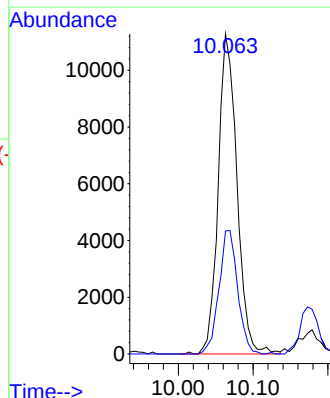
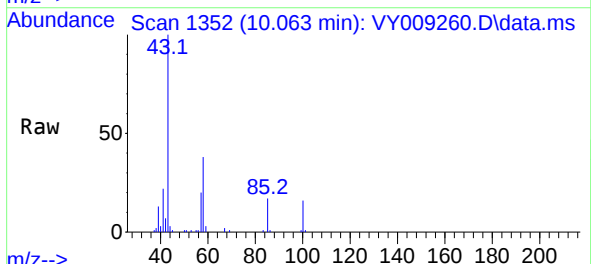
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

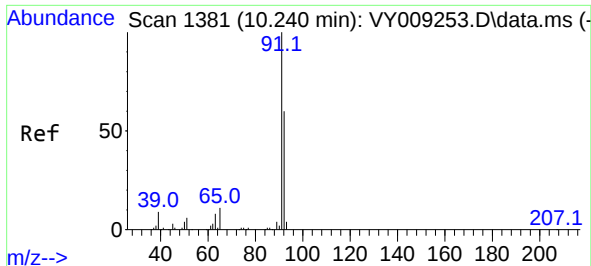
Tgt Ion: 98 Resp: 321645
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 12.99 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 43 Resp: 19725
Ion Ratio Lower Upper
43 100
58 38.5 28.1 42.1

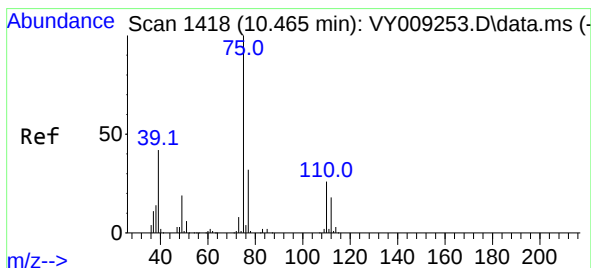
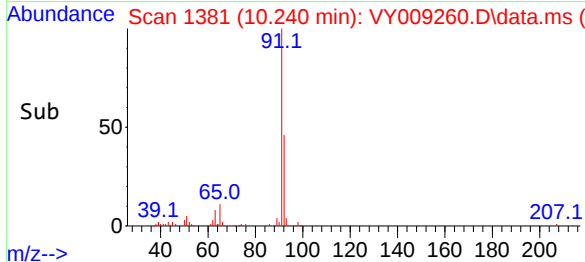
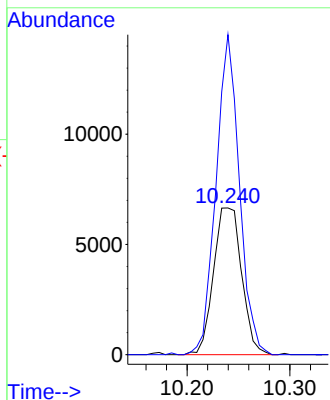
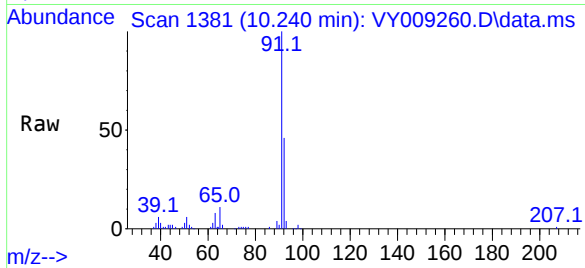




#52
Toluene
Concen: 2.57 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

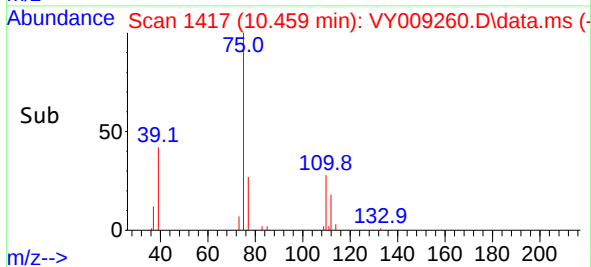
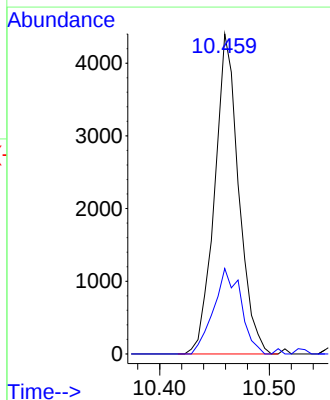
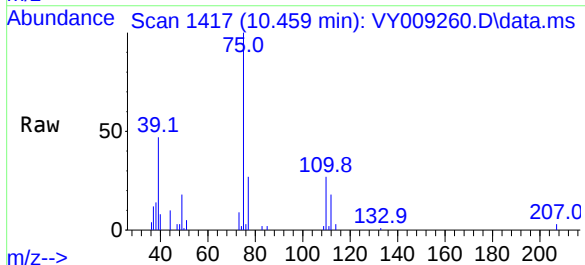
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

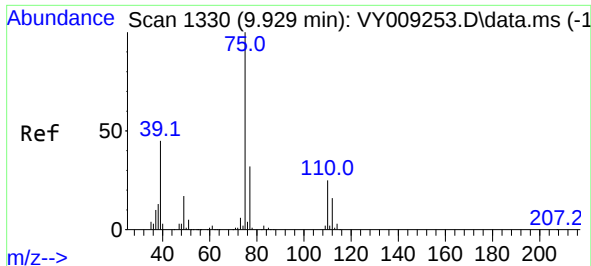
Tgt Ion: 92 Resp: 12640
Ion Ratio Lower Upper
92 100
91 181.3 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 2.39 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 75 Resp: 6727
Ion Ratio Lower Upper
75 100
77 26.7 25.4 38.2

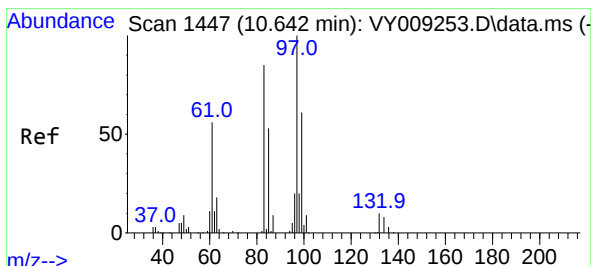
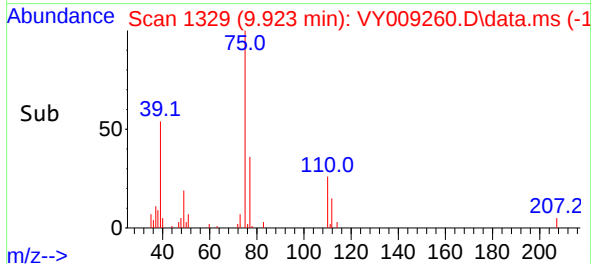
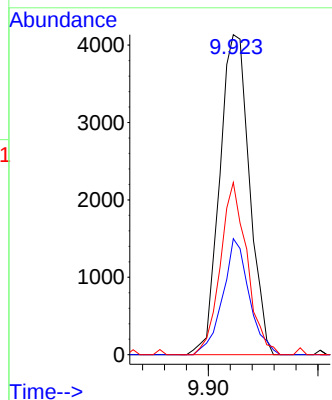
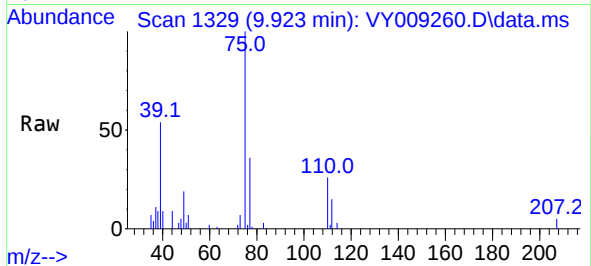




#54
cis-1,3-Dichloropropene
Concen: 2.42 ug/l
RT: 9.923 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

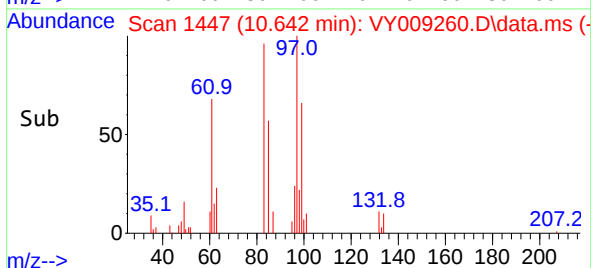
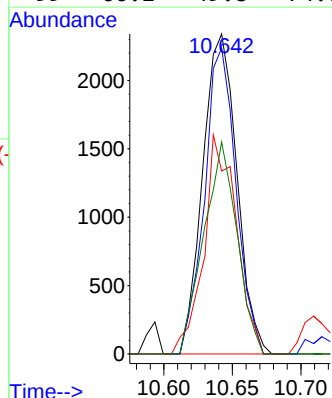
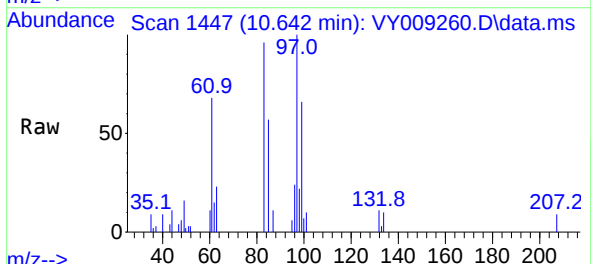
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

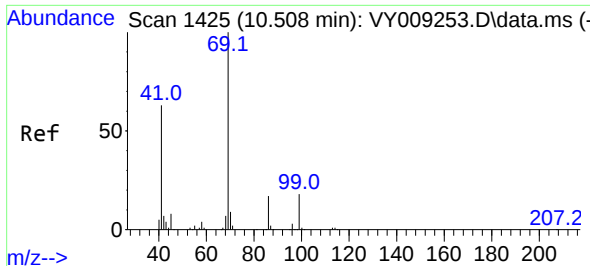
Tgt Ion: 75	Resp:	7776
Ion	Ratio	Lower Upper
75	100	
77	36.2	25.6 38.4
39	53.8	47.6 71.4



#55
1,1,2-Trichloroethane
Concen: 2.53 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 97	Resp:	4056
Ion	Ratio	Lower Upper
97	100	
83	95.6	69.8 104.8
85	57.1	44.3 66.5
99	66.2	49.8 74.6

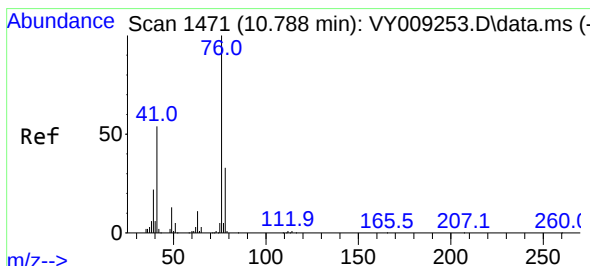
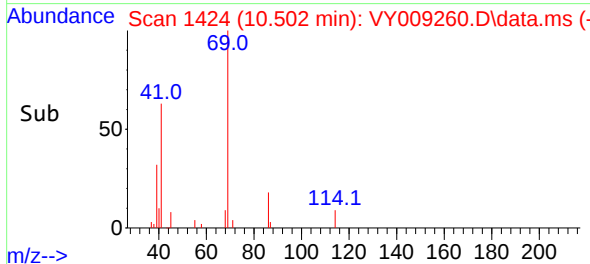
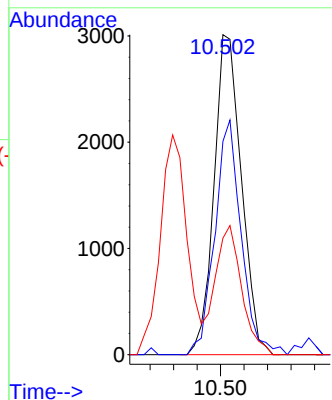
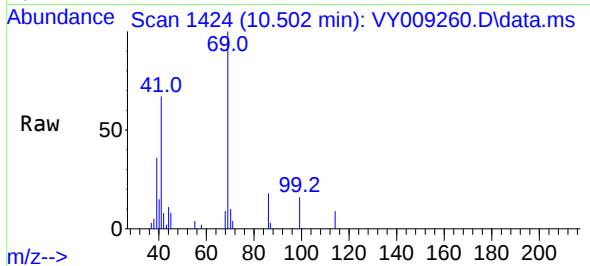




#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

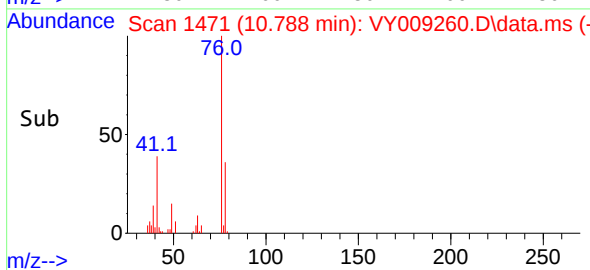
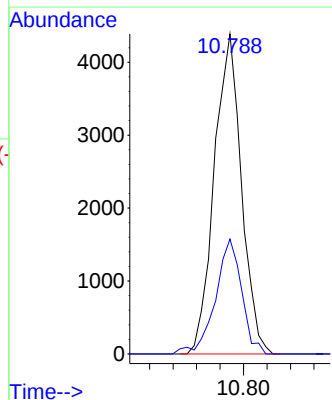
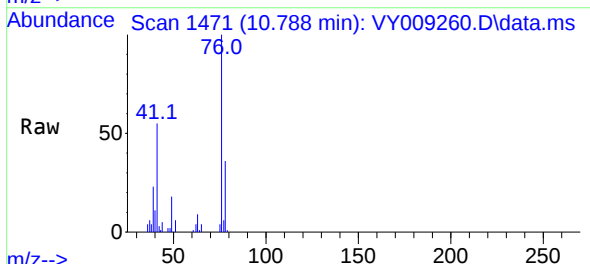
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

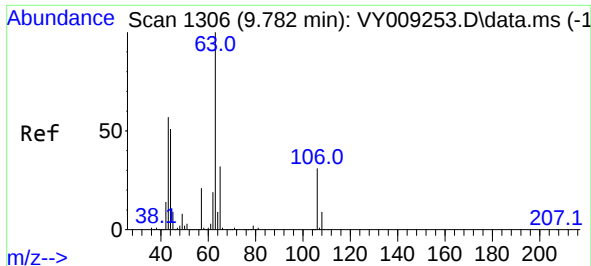
Tgt Ion: 69	Resp: 4876
Ion Ratio	Lower Upper
69 100	
41 70.8	63.4 95.0
39 39.4	35.8 53.8



#57
1,3-Dichloropropane
Concen: 2.57 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 76	Resp: 7041		
Ion Ratio	Lower	Upper	
76 100			
78 34.6	25.0	37.6	

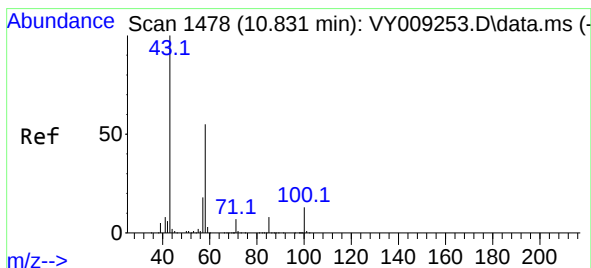
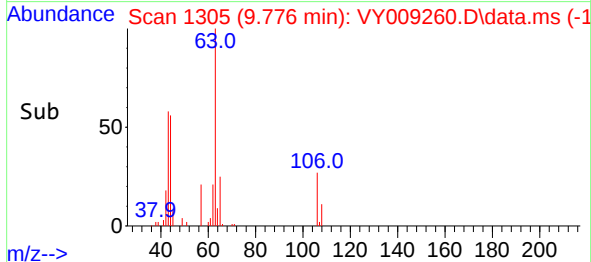
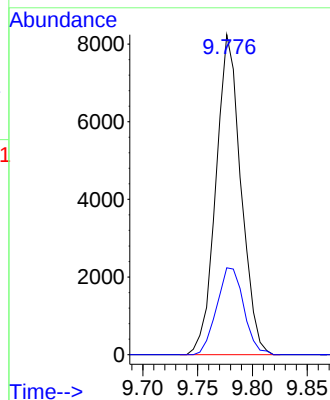
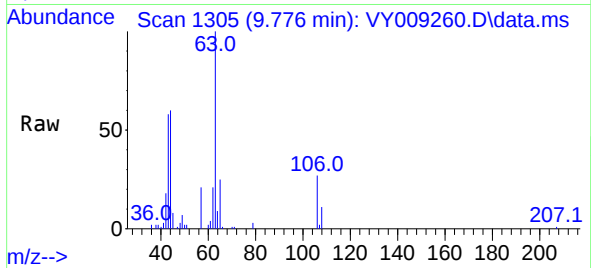




#58
2-Chloroethyl Vinyl ether
Concen: 14.41 ug/l
RT: 9.776 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

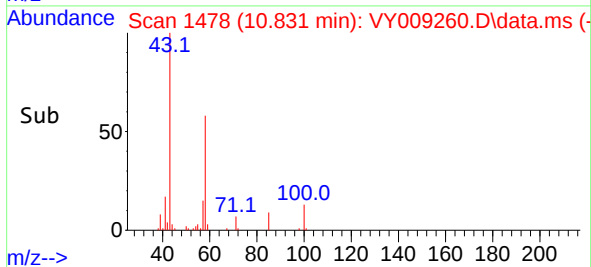
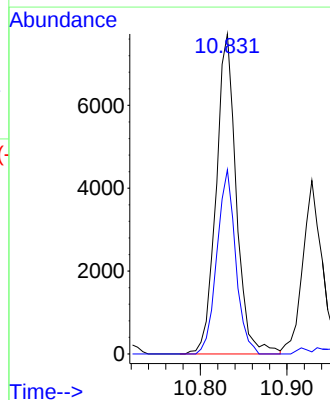
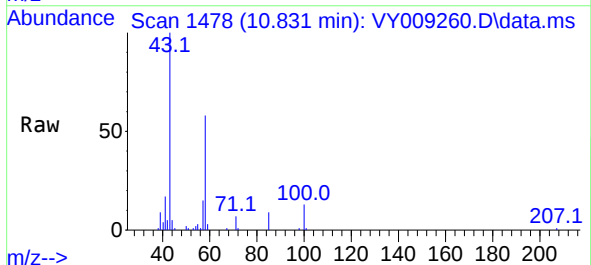
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

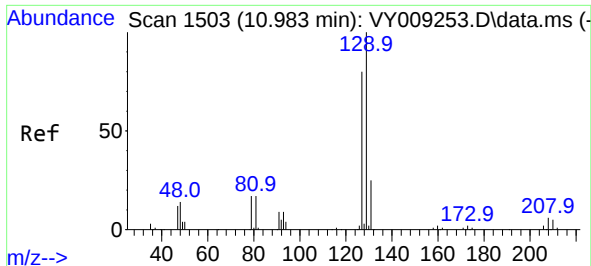
Tgt Ion: 63 Resp: 13102
Ion Ratio Lower Upper
63 100
106 29.3 21.5 32.3



#59
2-Hexanone
Concen: 12.15 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 43 Resp: 12487
Ion Ratio Lower Upper
43 100
58 53.6 24.4 73.4

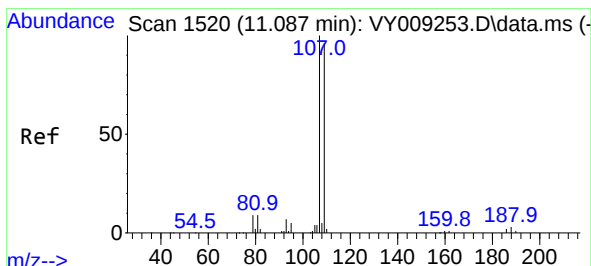
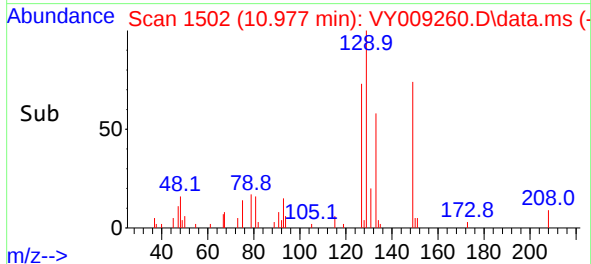
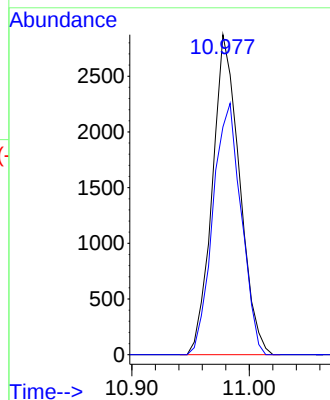
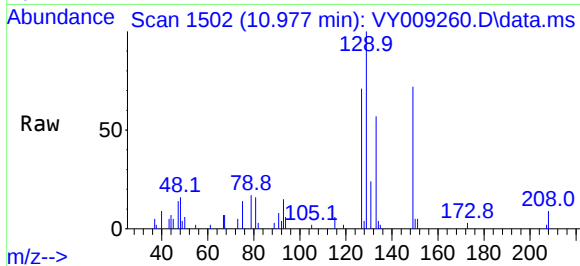




#60
Dibromochloromethane
Concen: 2.37 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

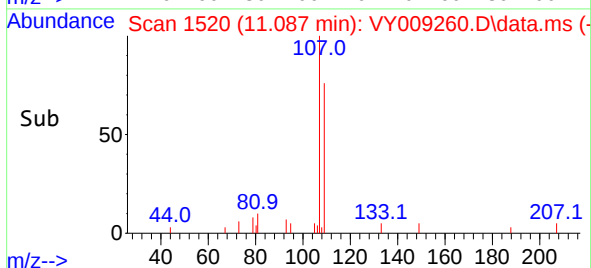
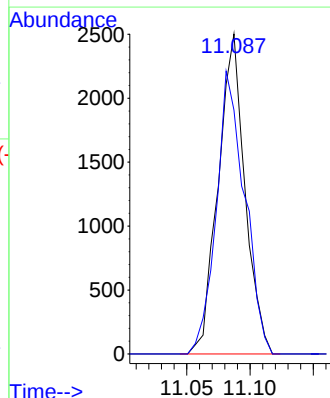
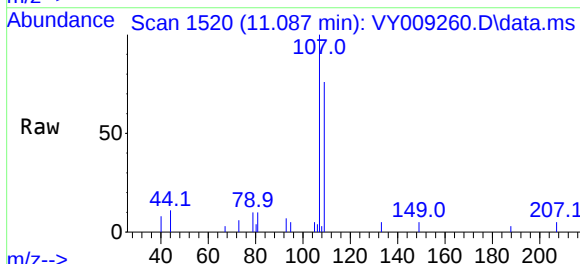
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

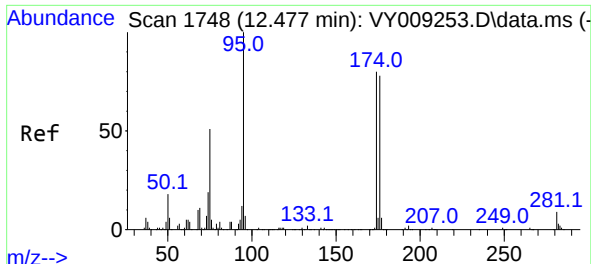
Tgt Ion:129 Resp: 4625
Ion Ratio Lower Upper
129 100
127 81.7 38.7 116.1



#61
1,2-Dibromoethane
Concen: 2.36 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:107 Resp: 3681
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

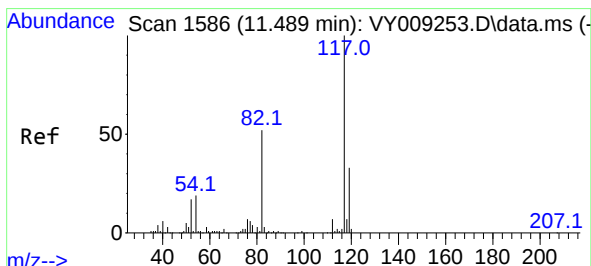
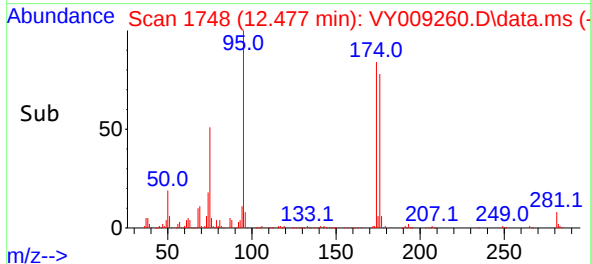
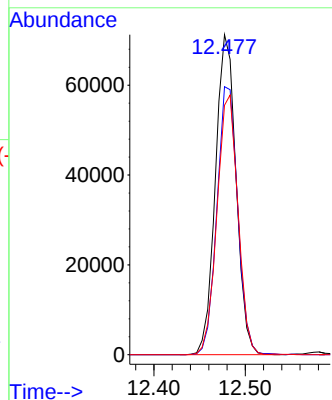
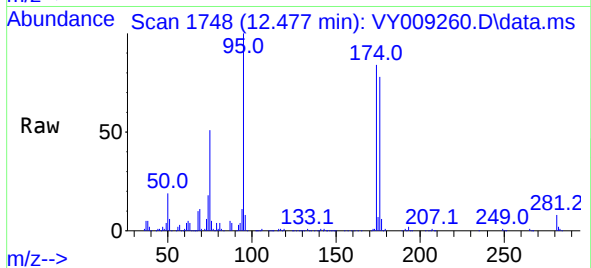




#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

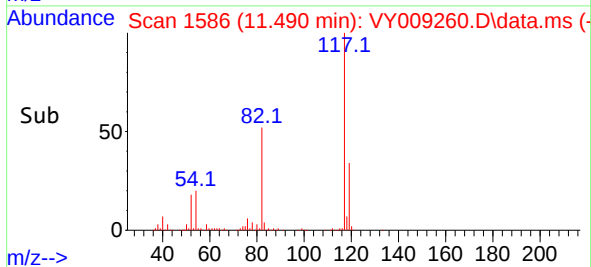
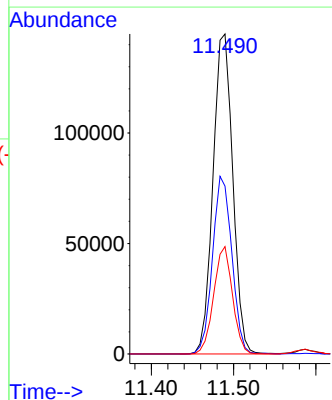
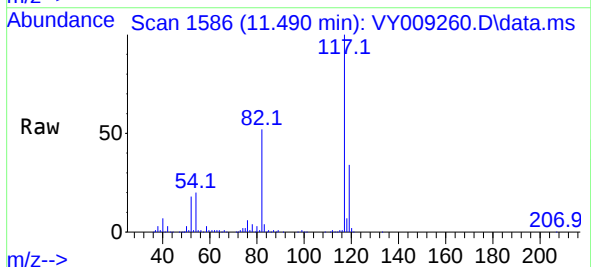
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

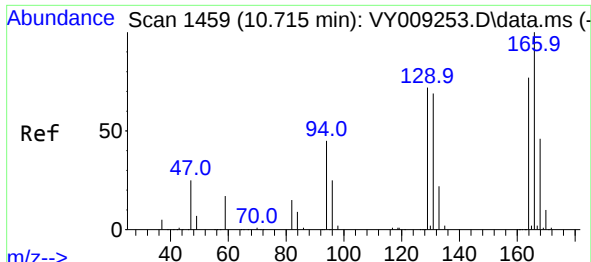
Tgt Ion: 95 Resp: 111615
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

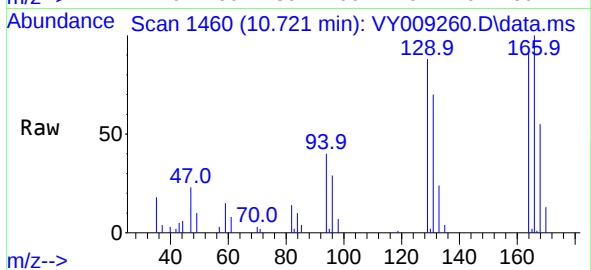
Tgt Ion: 117 Resp: 242117
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 33.5 25.4 38.0





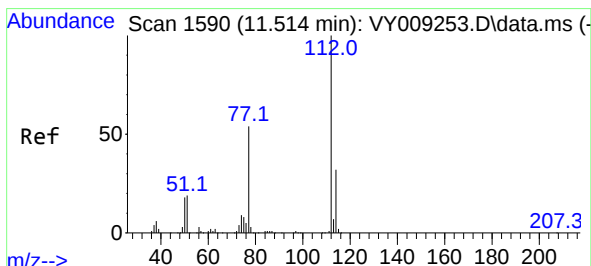
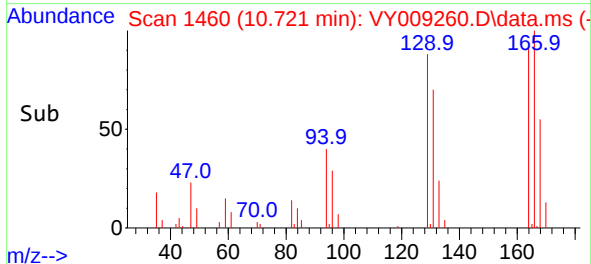
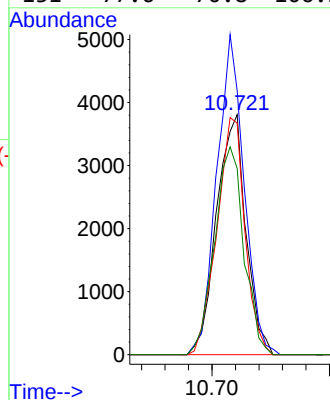
#64
Tetrachloroethene
Concen: 2.83 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion:164 Resp: 6613

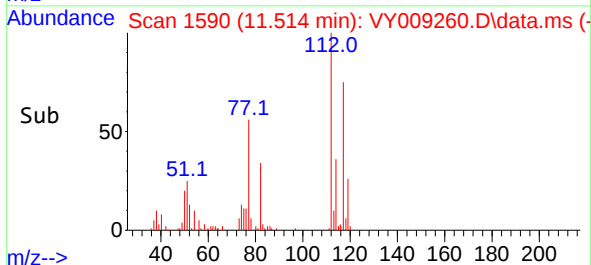
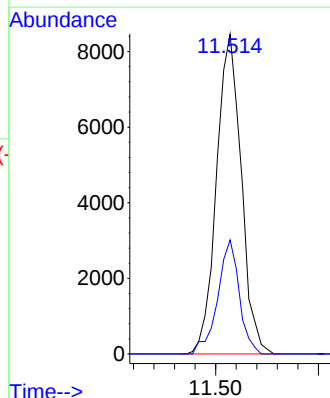
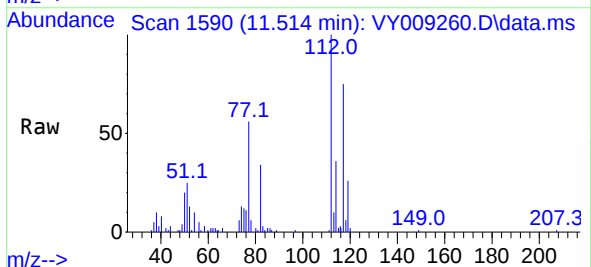
Ion	Ratio	Lower	Upper
164	100		
166	110.1	100.4	150.6
129	96.5	71.4	107.0
131	77.6	70.8	106.2

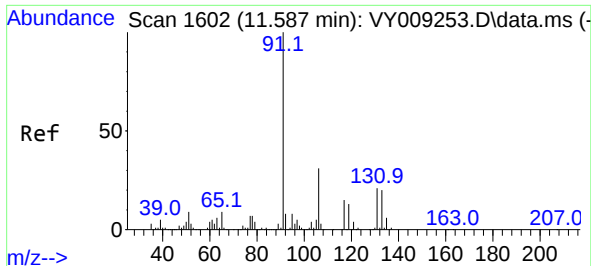


#65
Chlorobenzene
Concen: 2.59 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:112 Resp: 14108

Ion	Ratio	Lower	Upper
112	100		
114	35.7	25.8	38.6

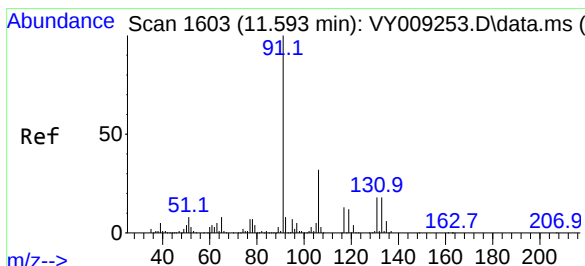
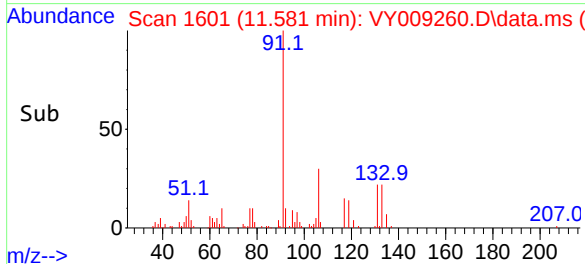
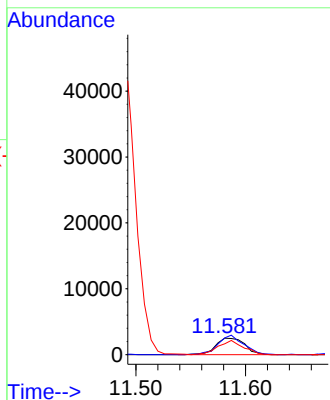
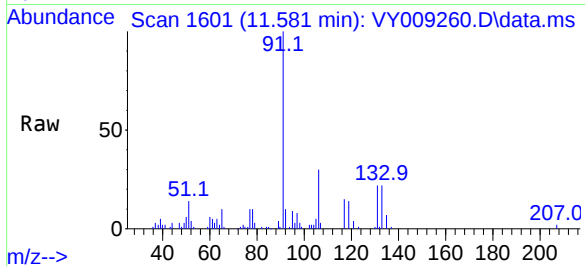




#66
1,1,1,2-Tetrachloroethane
Concen: 2.32 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

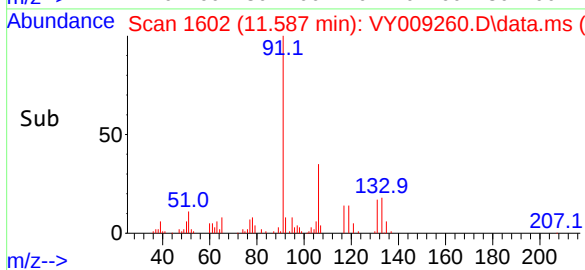
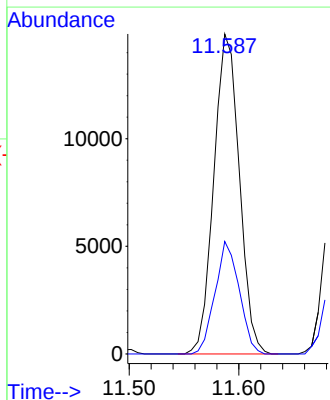
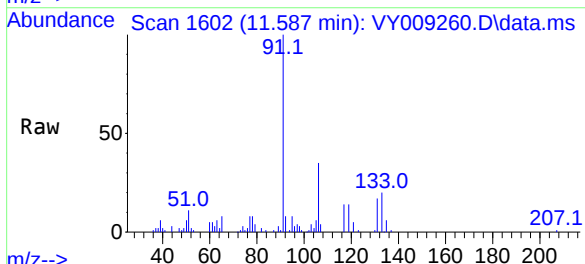
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

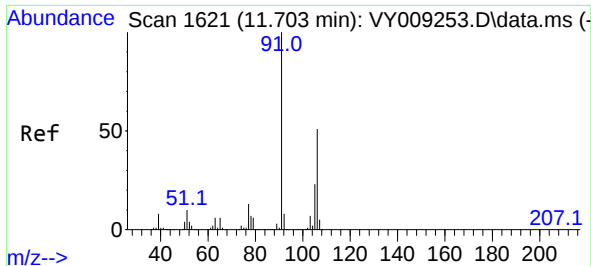
Tgt Ion:131 Resp: 4622
Ion Ratio Lower Upper
131 100
133 103.7 47.9 143.6
119 75.6 30.8 92.3



#67
Ethyl Benzene
Concen: 2.54 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 91 Resp: 24046
Ion Ratio Lower Upper
91 100
106 35.2 24.5 36.7

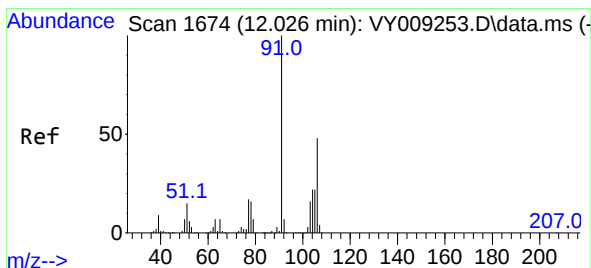
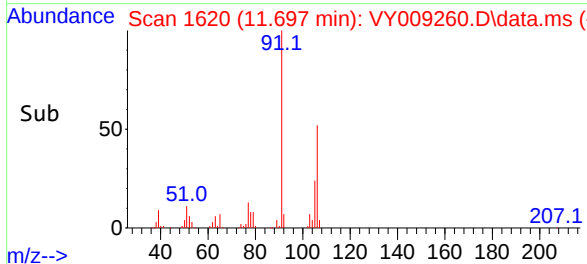
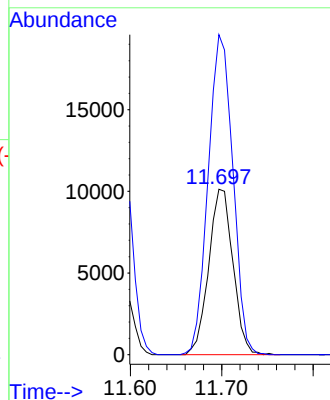
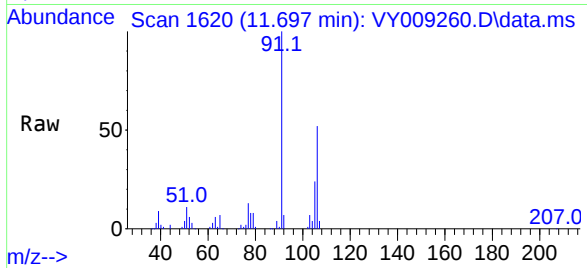




#68
m/p-Xylenes
Concen: 5.04 ug/l
RT: 11.697 min Scan# 11697
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

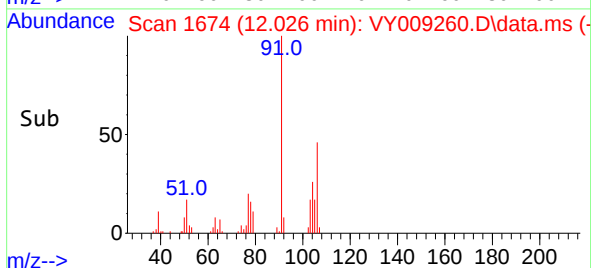
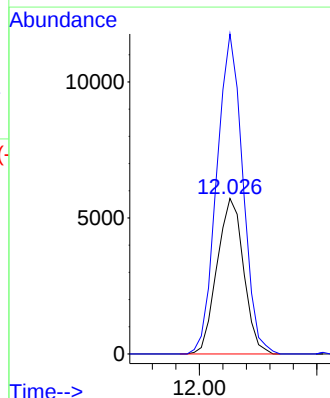
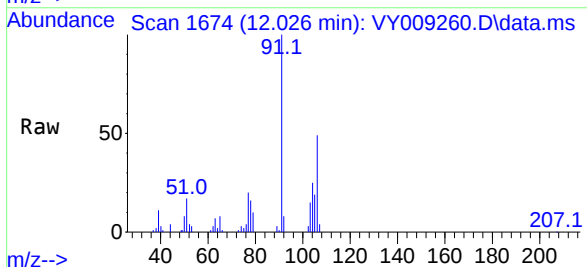
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

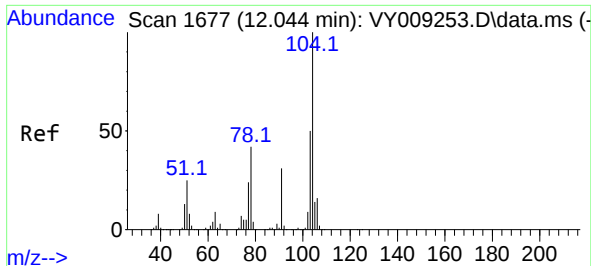
Tgt Ion:106 Resp: 18686
Ion Ratio Lower Upper
106 100
91 196.9 166.6 249.8



#69
o-Xylene
Concen: 2.55 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:106 Resp: 8988
Ion Ratio Lower Upper
106 100
91 201.9 110.3 331.0

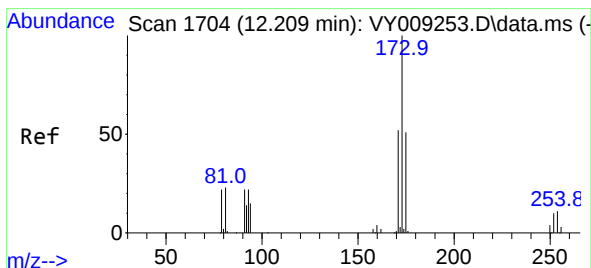
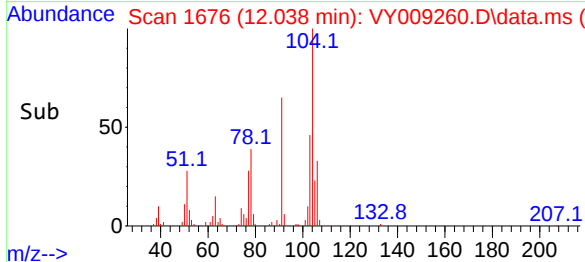
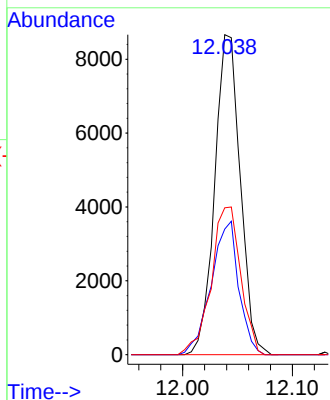
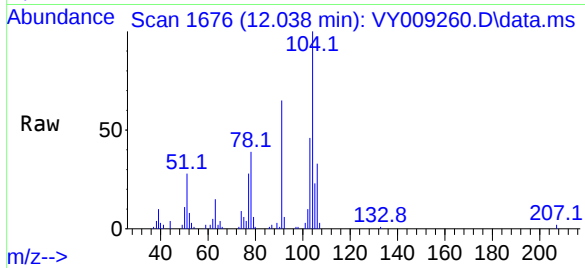




#70
Styrene
Concen: 2.40 ug/l
RT: 12.038 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

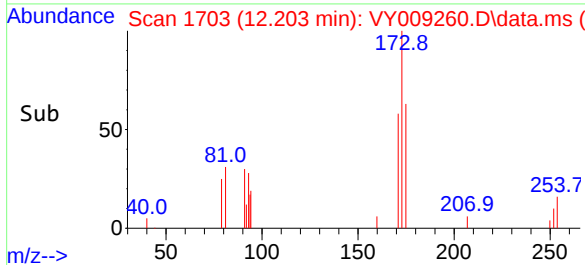
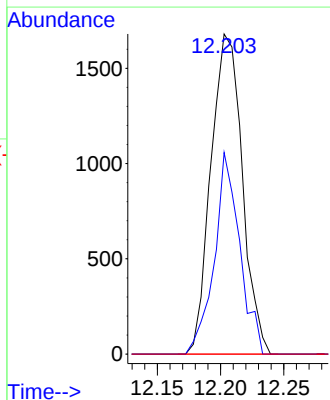
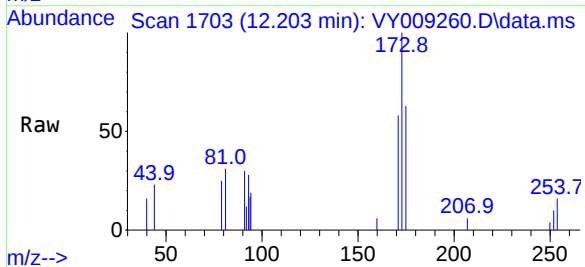
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

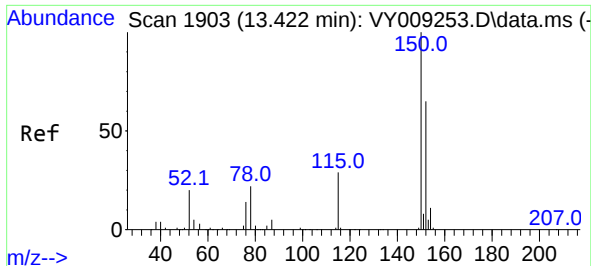
Tgt Ion:	104	Resp:	14036
Ion	Ratio	Lower	Upper
104	100		
78	45.1	42.4	63.6
103	53.3	44.4	66.6



#71
Bromoform
Concen: 2.35 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:	173	Resp:	2899
Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.6	74.0
254	0.0	0.0	0.0

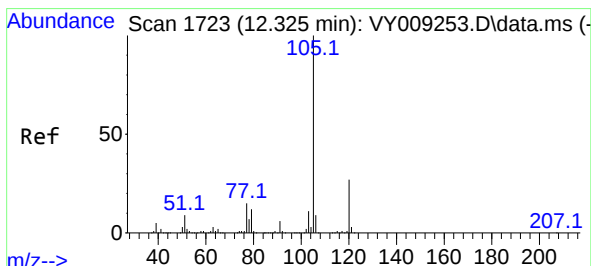
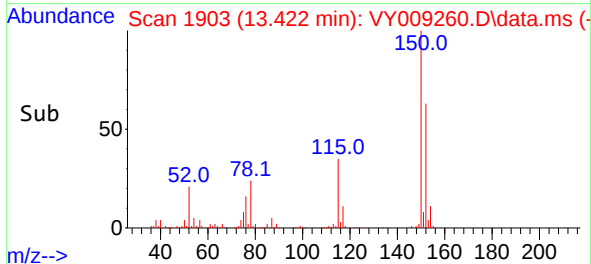
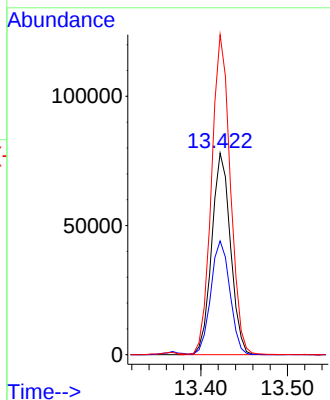
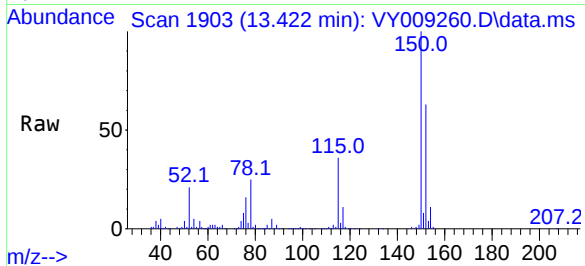




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

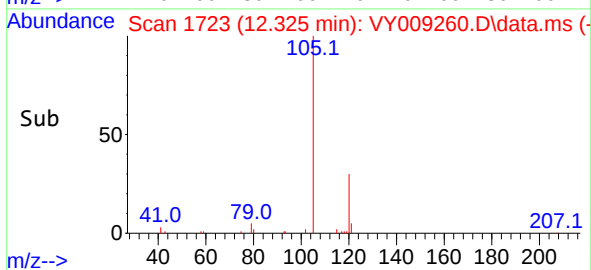
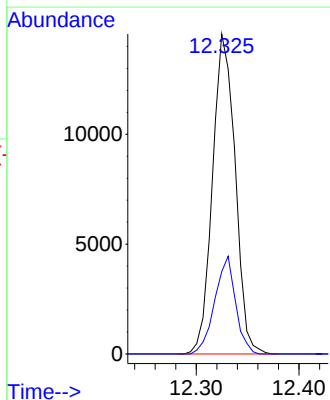
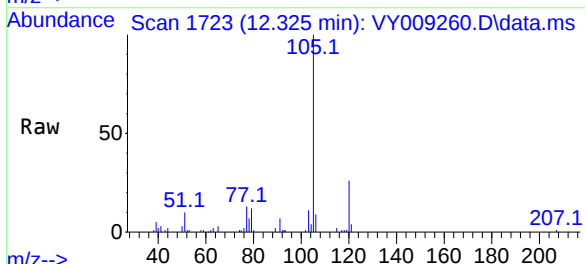
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

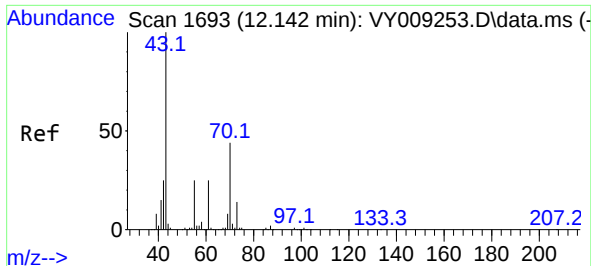
Tgt Ion:152 Resp: 117425
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 159.0 0.0 347.6



#73
Isopropylbenzene
Concen: 2.42 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:105 Resp: 22285
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2

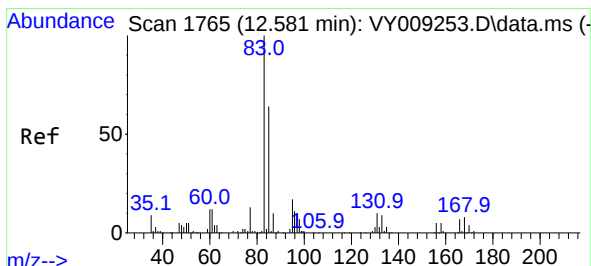
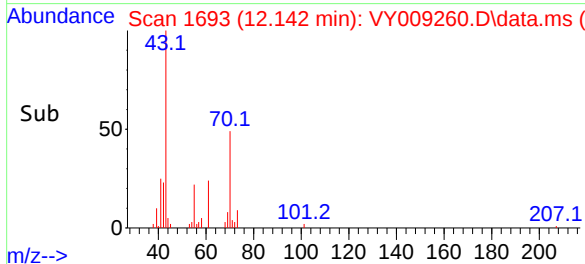
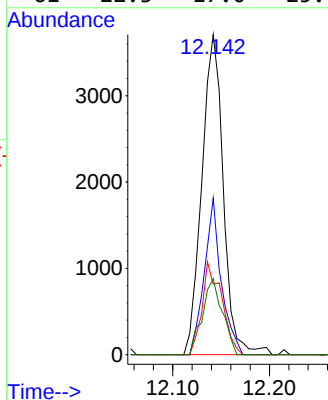
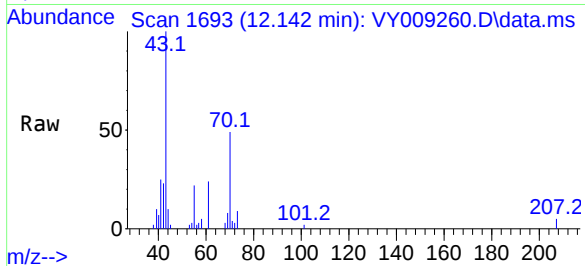




#74
N-ethyl acetate
Concen: 2.33 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

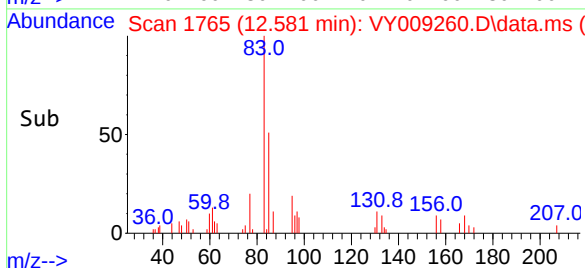
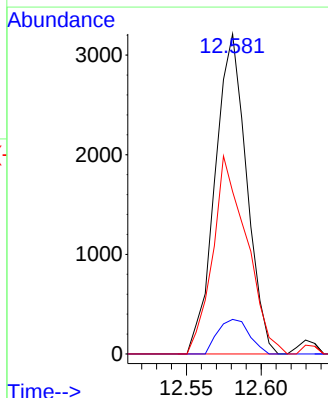
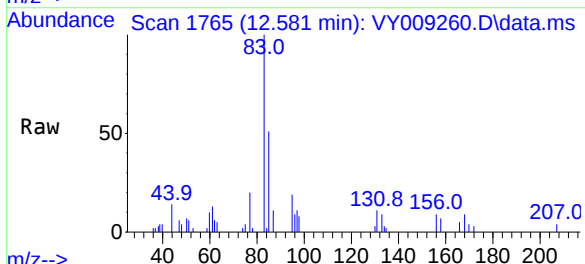
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

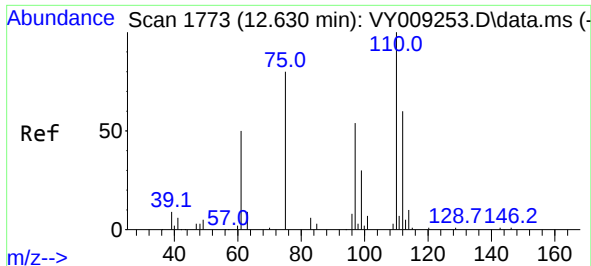
Tgt Ion: 43	Resp: 5734
Ion Ratio	Lower Upper
43 100	
70 38.6	28.7 43.1
55 26.5	17.3 25.9#
61 22.3	17.0 25.6



#75
1,1,2,2-Tetrachloroethane
Concen: 2.69 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 83	Resp: 4711
Ion Ratio	Lower Upper
83 100	
131 10.8	5.6 16.8
85 66.5	32.3 96.8

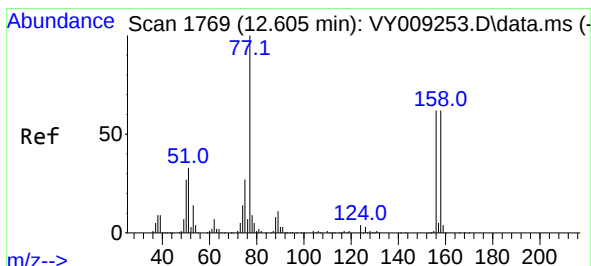
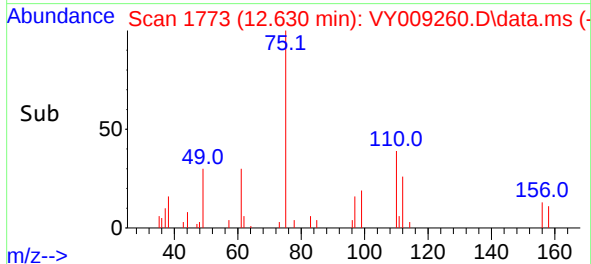
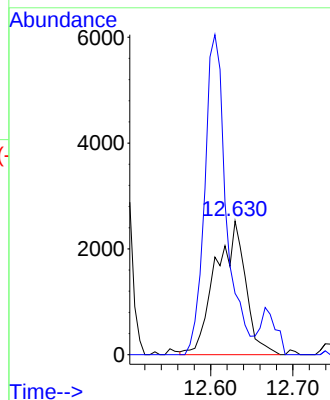
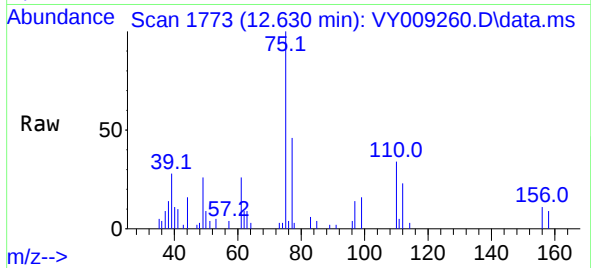




#76
1,2,3-Trichloropropane
Concen: 4.68 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

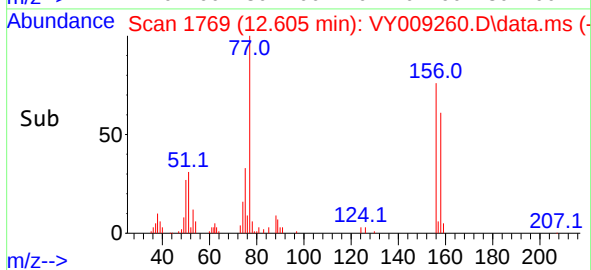
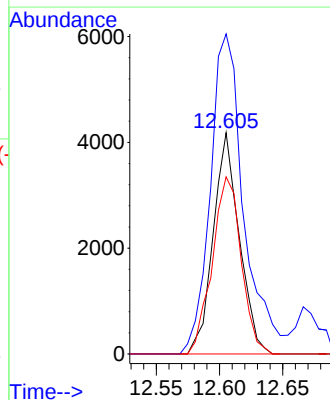
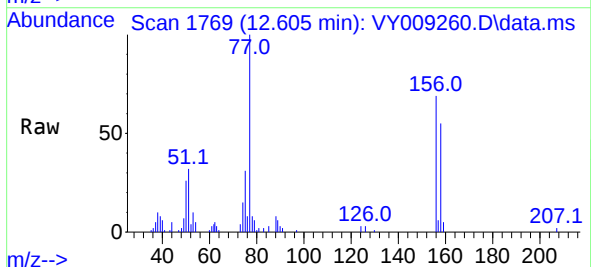
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

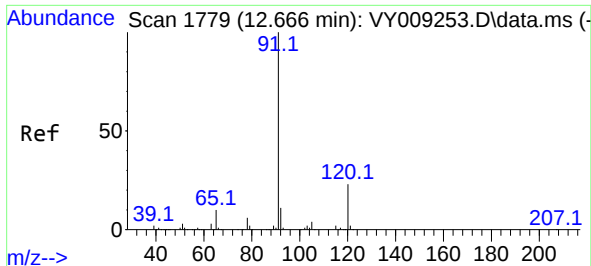
Tgt Ion: 75 Resp: 6445
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.68 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 156 Resp: 5991
Ion Ratio Lower Upper
156 100
77 184.3 95.5 286.4
158 88.6 48.0 144.0

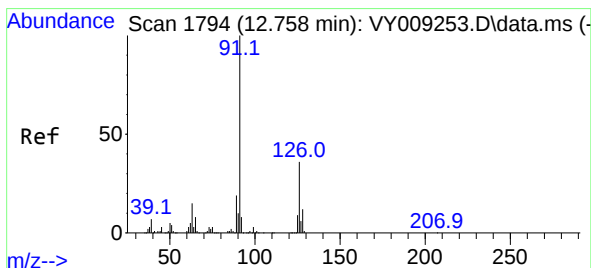
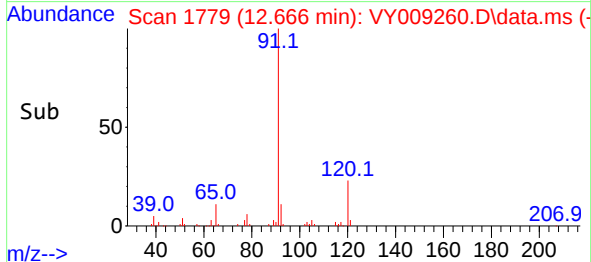
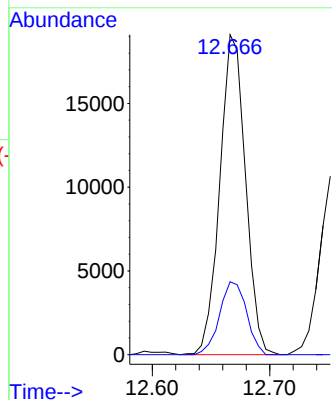
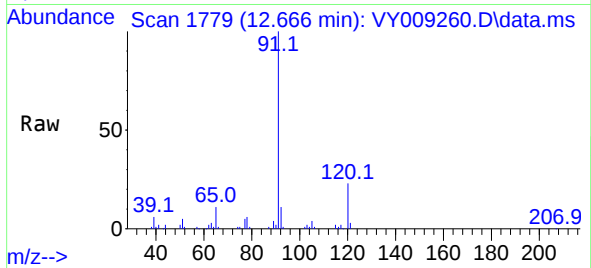




#78
n-propylbenzene
Concen: 2.61 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

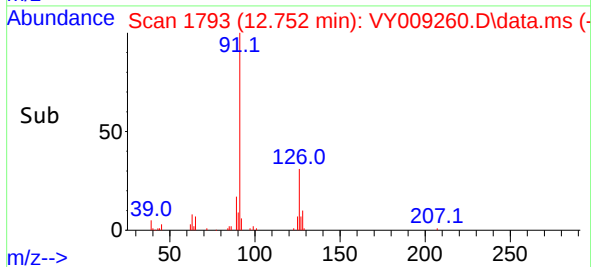
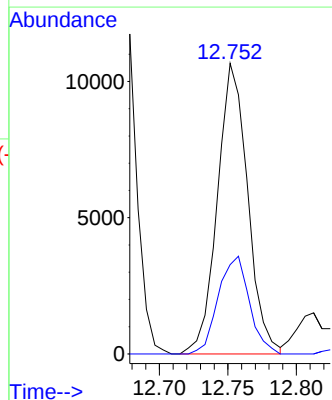
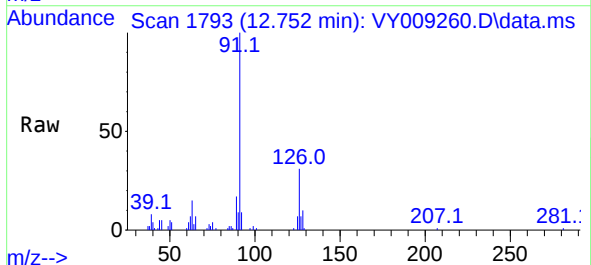
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

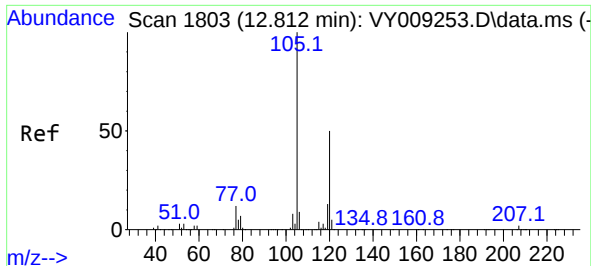
Tgt Ion: 91 Resp: 29025
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9



#79
2-Chlorotoluene
Concen: 2.63 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 91 Resp: 16438
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6

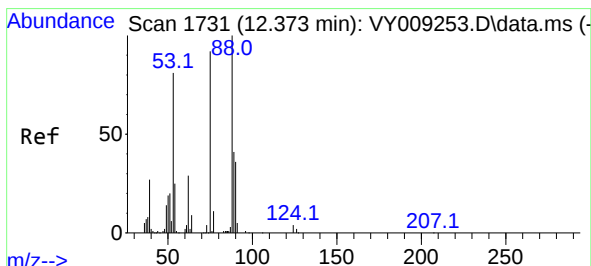
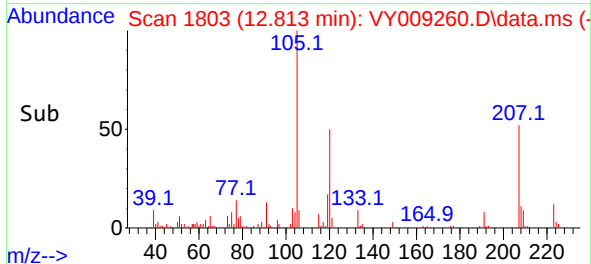
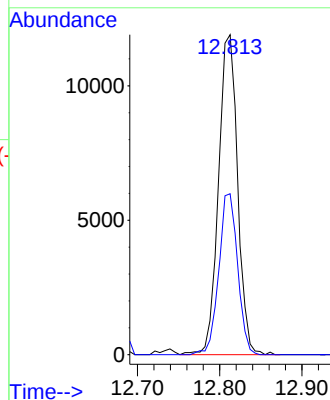
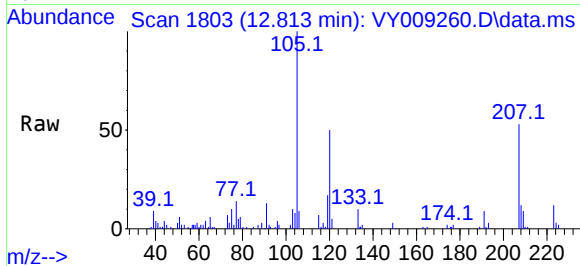




#80
1,3,5-Trimethylbenzene
Concen: 2.52 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

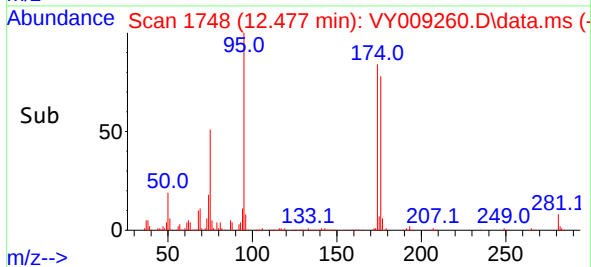
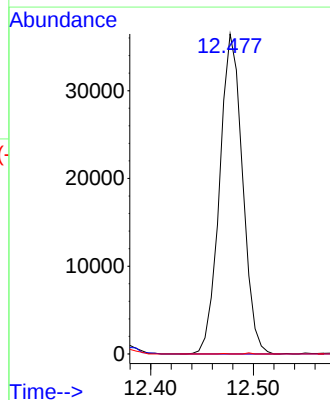
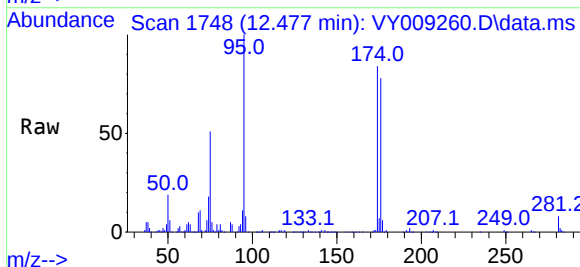
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

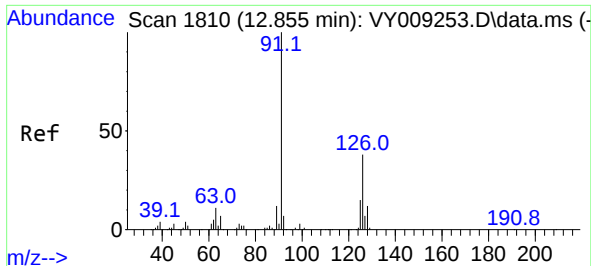
Tgt Ion:105 Resp: 19237
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 87.00 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 75 Resp: 56488
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

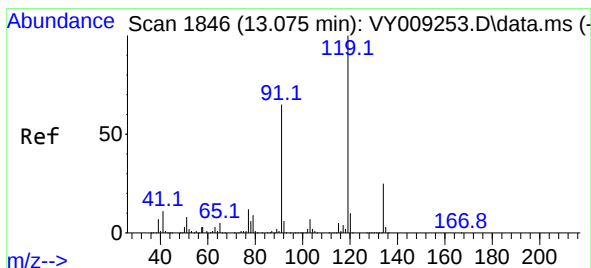
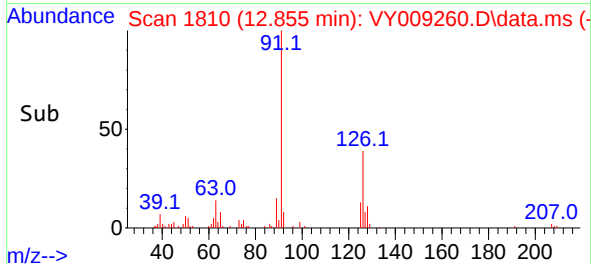
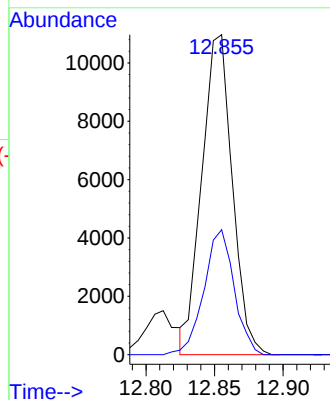
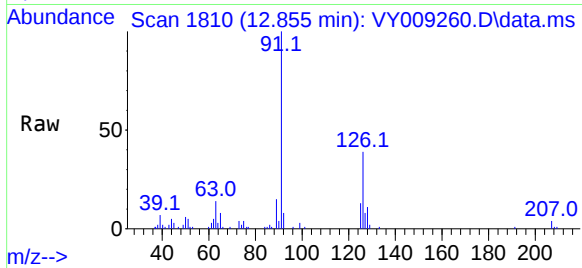




#82
4-Chlorotoluene
Concen: 2.60 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

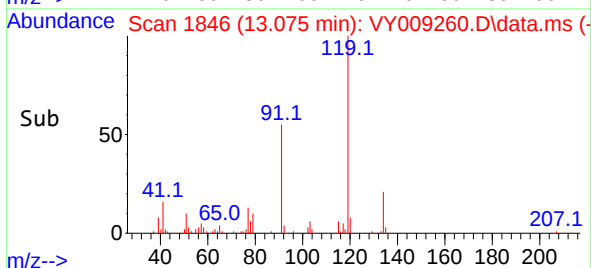
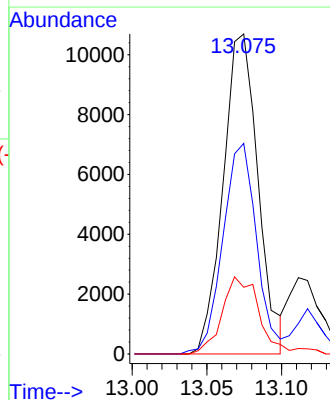
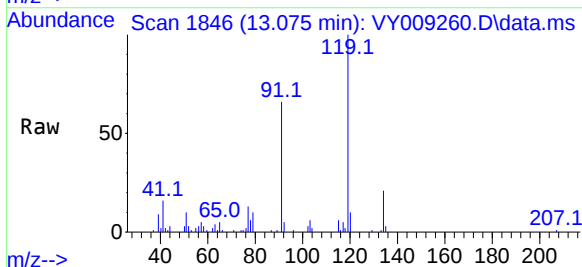
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

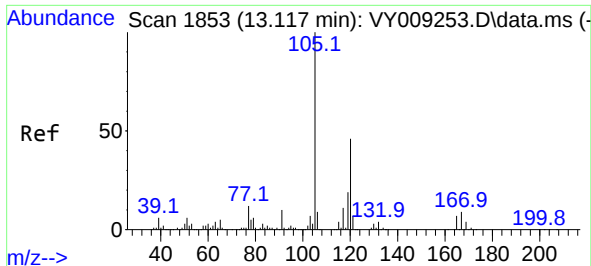
Tgt Ion: 91 Resp: 16972
Ion Ratio Lower Upper
91 100
126 38.7 17.0 51.0



#83
tert-Butylbenzene
Concen: 2.61 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 119 Resp: 17398
Ion Ratio Lower Upper
119 100
91 63.3 34.8 104.4
134 26.1 13.3 39.9

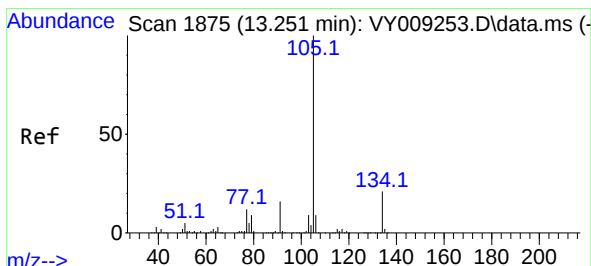
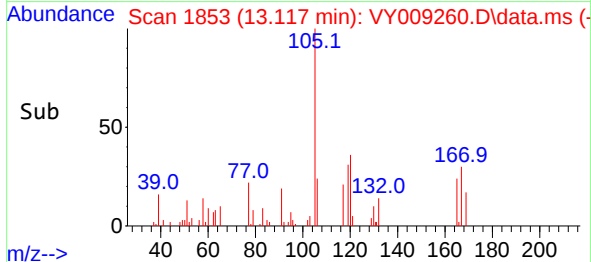
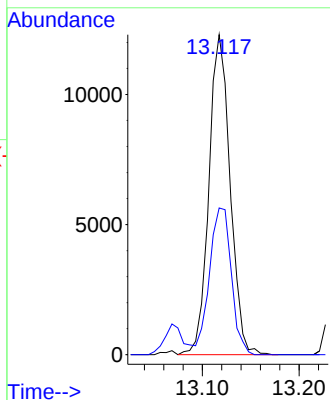
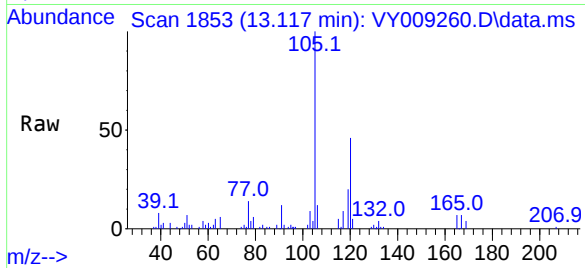




#84
1,2,4-Trimethylbenzene
Concen: 2.50 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

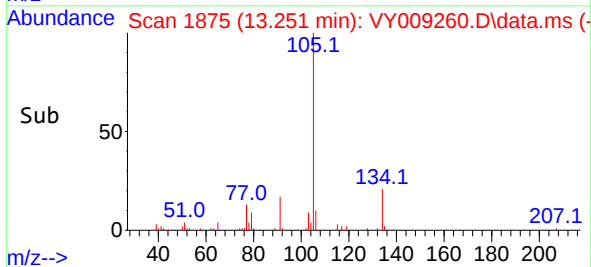
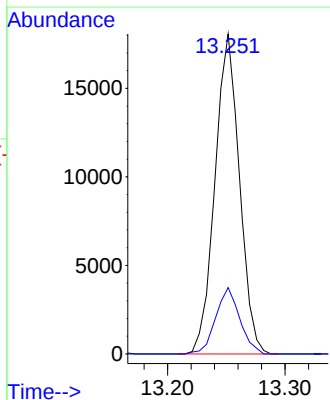
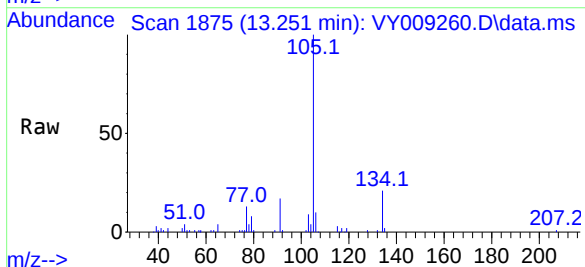
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

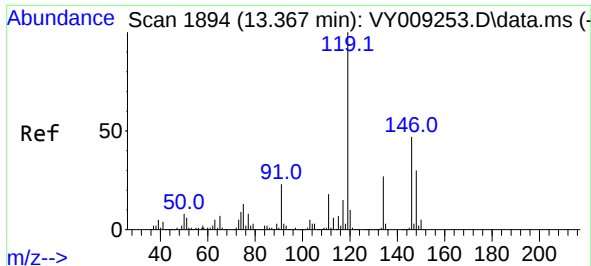
Tgt Ion:105 Resp: 18765
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 2.62 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:105 Resp: 26177
Ion Ratio Lower Upper
105 100
134 20.4 10.2 30.4

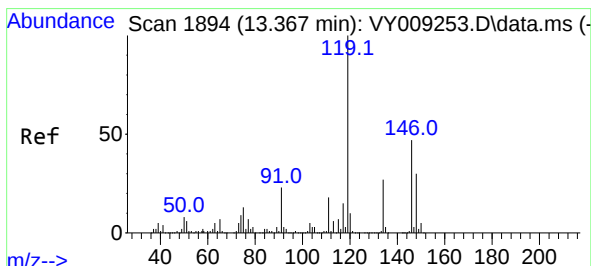
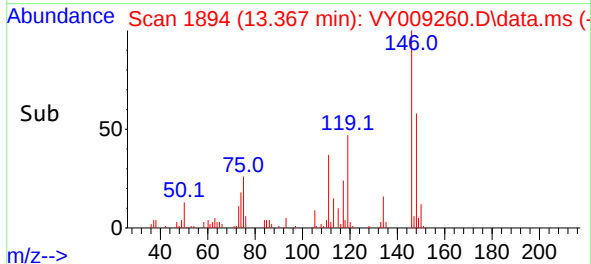
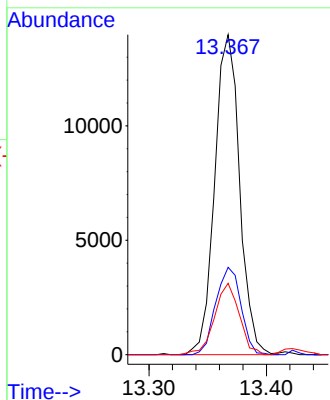
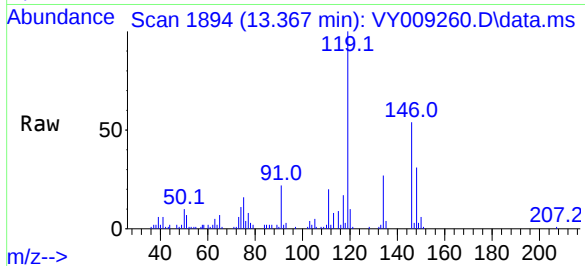




#86
p-Isopropyltoluene
Concen: 2.48 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

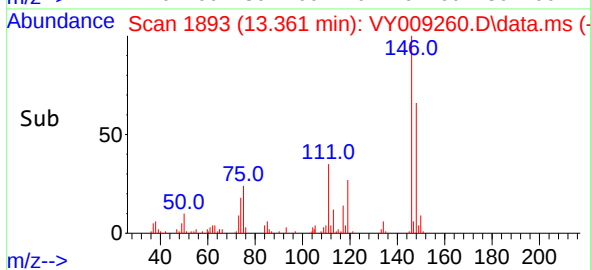
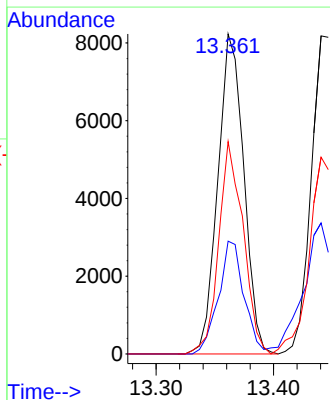
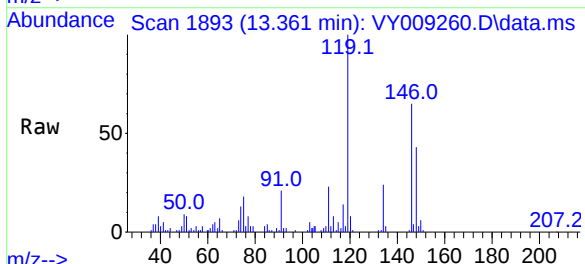
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

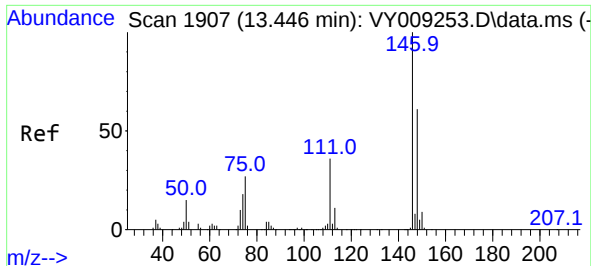
Tgt Ion:	119	Resp:	20608
Ion Ratio	Lower	Upper	
119	100		
134	27.6	13.2	39.5
91	22.1	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 2.92 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:	146	Resp:	12642
Ion Ratio	Lower	Upper	
146	100		
111	34.8	19.5	58.5
148	62.6	31.6	95.0

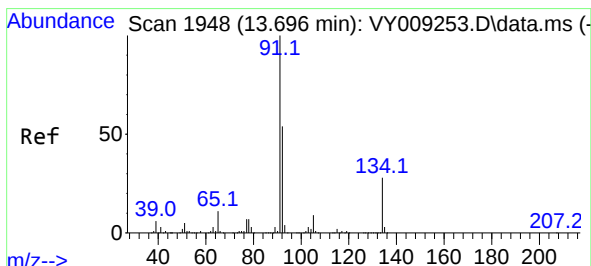
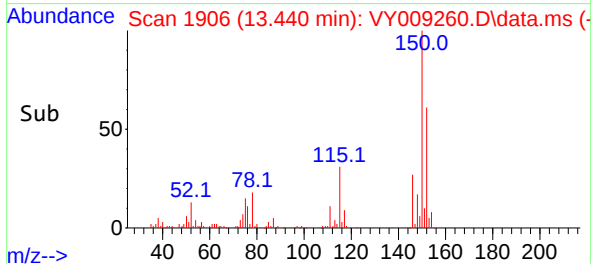
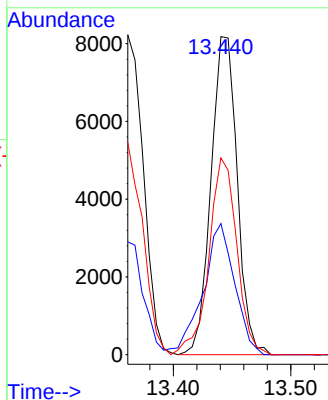
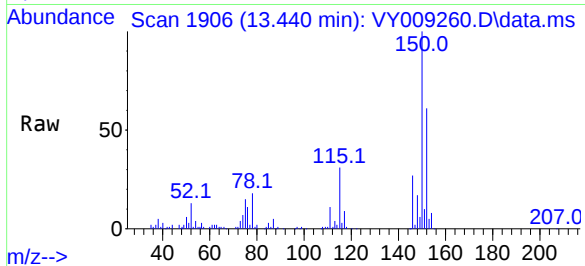




#88
1,4-Dichlorobenzene
Concen: 2.93 ug/l
RT: 13.440 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

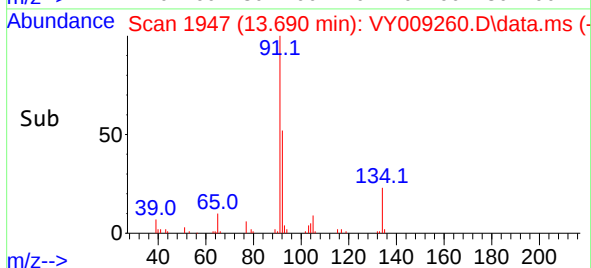
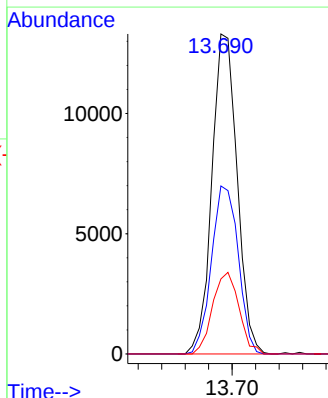
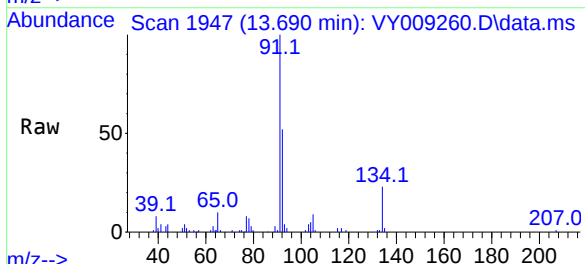
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

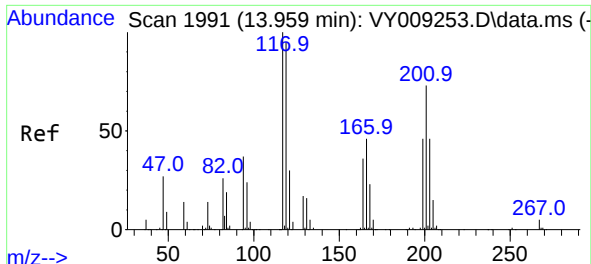
Tgt Ion:	146	Resp:	12719
Ion	Ratio	Lower	Upper
146	100		
111	49.9	19.3	57.8
148	65.6	32.6	97.8



#89
n-Butylbenzene
Concen: 2.57 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:	91	Resp:	19886
Ion	Ratio	Lower	Upper
91	100		
92	55.6	26.3	78.9
134	26.7	13.0	38.9

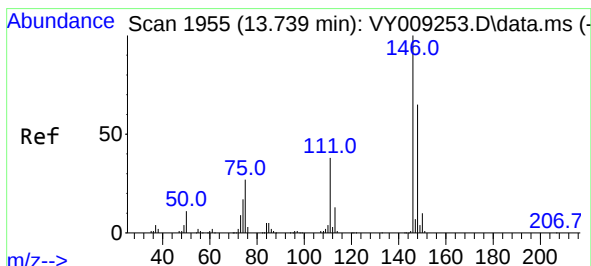
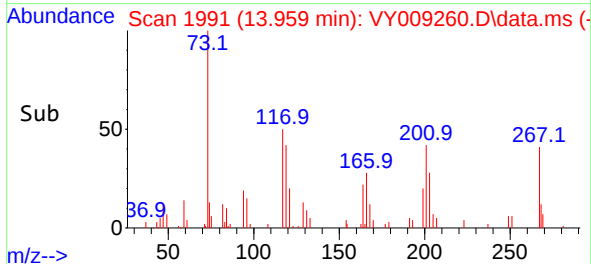
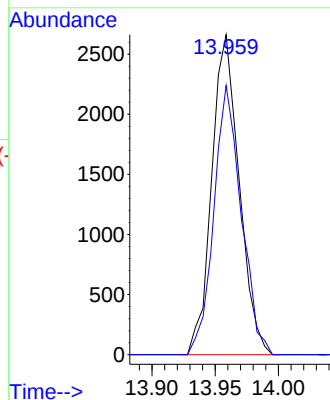
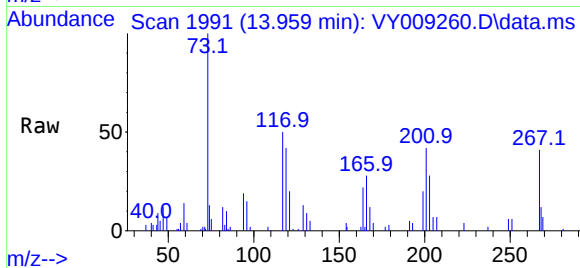




#90
Hexachloroethane
Concen: 2.55 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

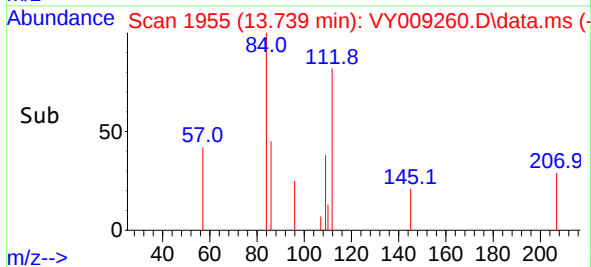
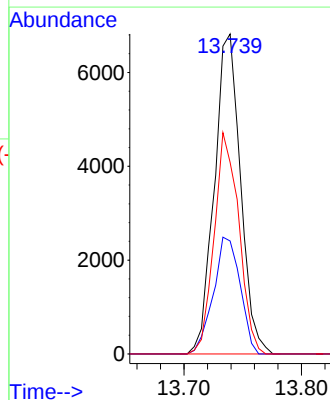
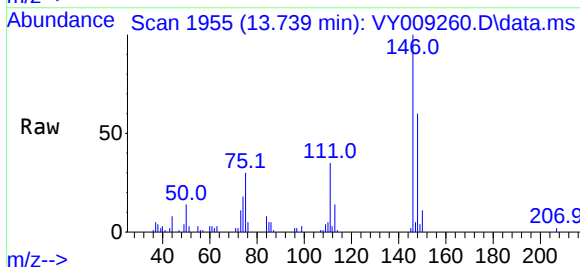
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

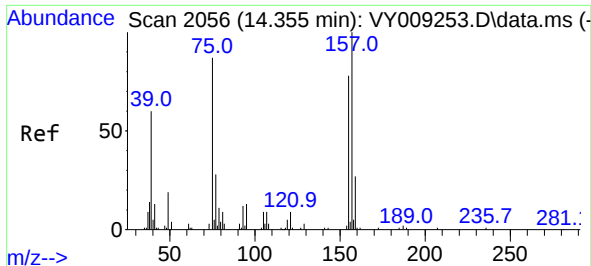
Tgt Ion:117 Resp: 4020
Ion Ratio Lower Upper
117 100
201 83.8 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 2.71 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:146 Resp: 10543
Ion Ratio Lower Upper
146 100
111 37.3 20.3 60.9
148 65.3 32.3 96.9

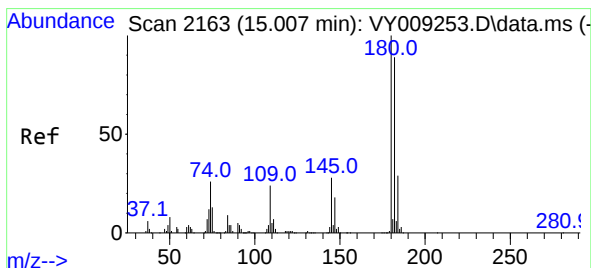
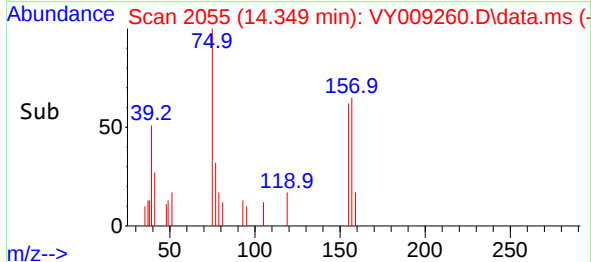
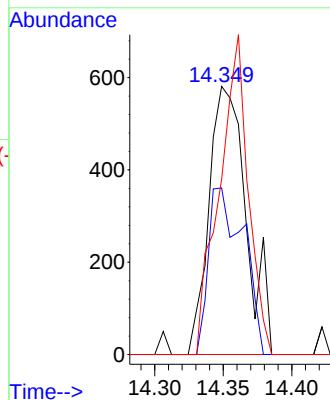
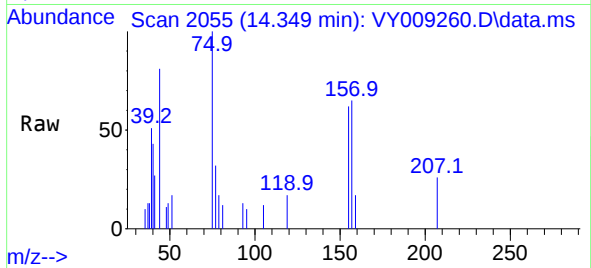




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.51 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

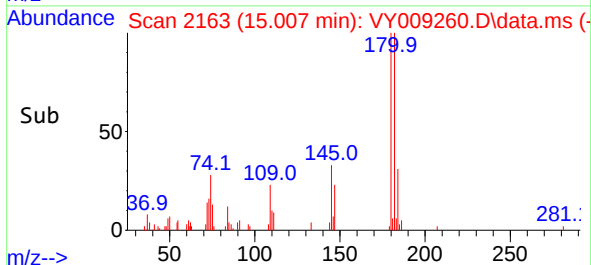
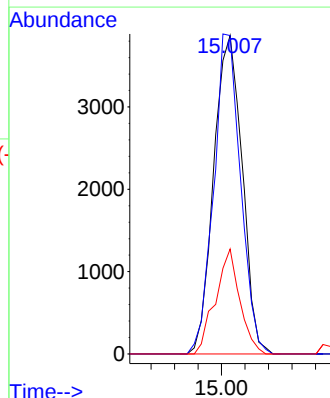
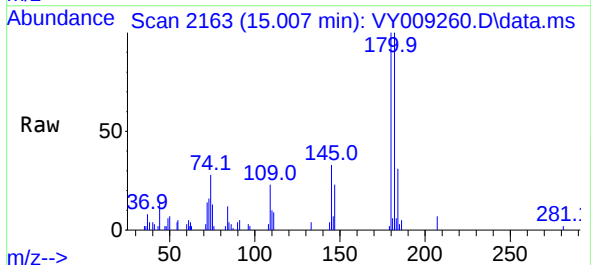
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

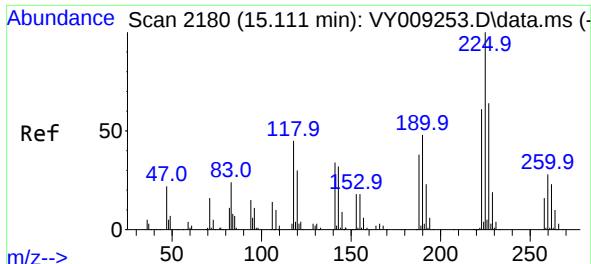
Tgt Ion: 75 Resp: 1097
Ion Ratio Lower Upper
75 100
155 58.6 38.0 113.9
157 92.7 47.8 143.3



#93
1,2,4-Trichlorobenzene
Concen: 2.73 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 180 Resp: 6496
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 28.2 14.6 43.8

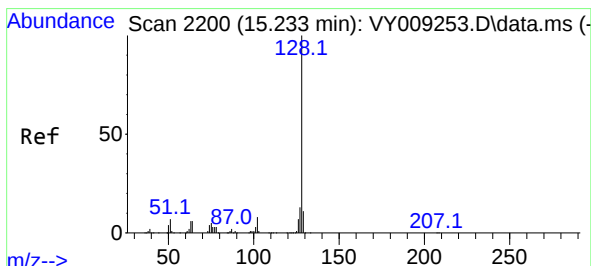
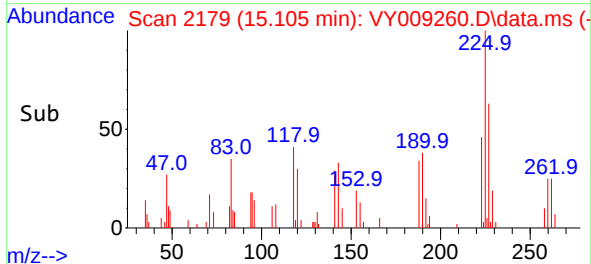
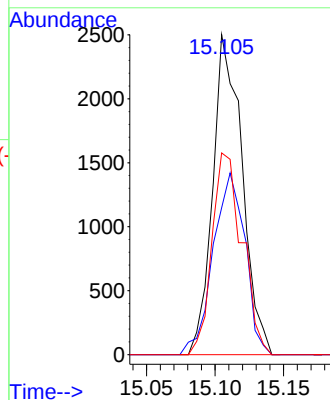
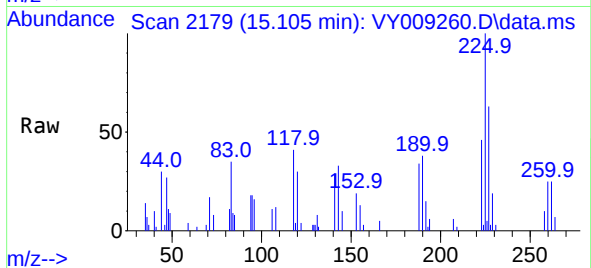




#94
Hexachlorobutadiene
Concen: 2.91 ug/l
RT: 15.105 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

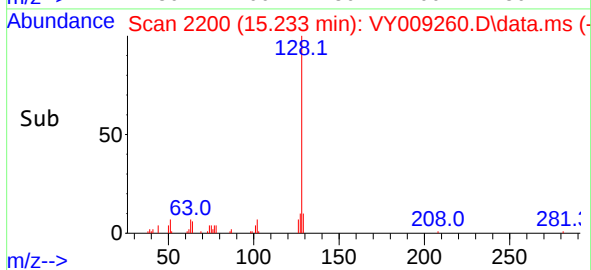
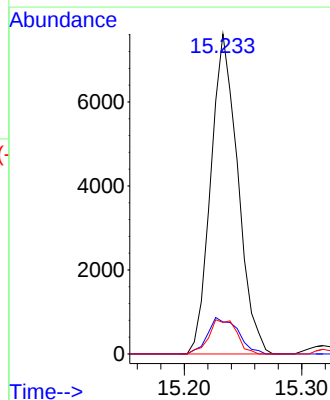
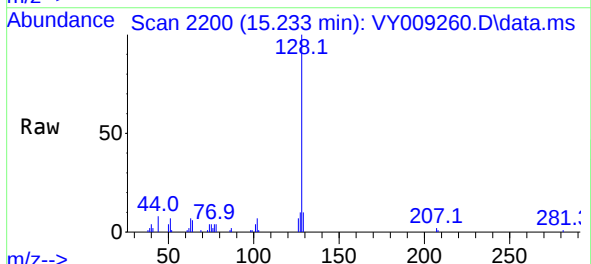
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

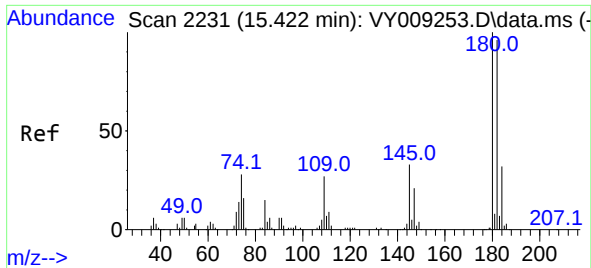
Tgt Ion:	225	Resp:	3726
Ion Ratio	Lower	Upper	
225	100		
223	61.7	30.8	92.3
227	64.8	31.6	94.7



#95
Naphthalene
Concen: 2.55 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:	128	Resp:	12173
Ion Ratio	Lower	Upper	
128	100		
127	12.7	11.0	16.4
129	11.1	8.4	12.6





#96

1,2,3-Trichlorobenzene

Concen: 2.76 ug/l

RT: 15.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009260.D

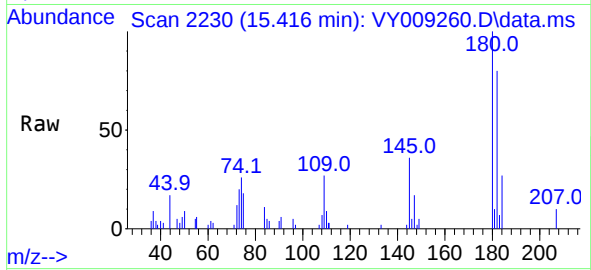
Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion:180 Resp: 5612

Ion Ratio Lower Upper

180 100

182 97.9 47.3 141.9

145 33.9 15.3 45.9

