

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019848.D
 Acq On : 10 Oct 2024 11:50
 Operator : SY/MD
 Sample : P4368-01 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Oct 11 08:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 08:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	371885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	651299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	538985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	242119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	220204	48.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.634	113	215033	50.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.109	98	781351	49.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.408	95	265161	46.237	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	10815	3.124	ug/l	97
3) Chloromethane	2.074	50	16037	3.559	ug/l	90
4) Vinyl Chloride	2.208	62	17787	3.587	ug/l	99
5) Bromomethane	2.604	94	11817	3.765	ug/l	81
6) Chloroethane	2.739	64	11103	3.333	ug/l	95
7) Trichlorofluoromethane	3.068	101	22962	3.112	ug/l	97
8) Diethyl Ether	3.458	74	6695	2.986	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	13211	3.078	ug/l	98
10) Methyl Iodide	4.001	142	13201	3.041	ug/l	98
11) Tert butyl alcohol	4.860	59	11716	27.311	ug/l #	91
12) 1,1-Dichloroethene	3.799	96	12690	3.181	ug/l	97
13) Acrolein	3.659	56	6641	19.738	ug/l	96
14) Allyl chloride	4.385	41	21254	2.953	ug/l	94
15) Acrylonitrile	5.073	53	13930	13.582	ug/l	98
16) Acetone	3.872	43	15322	12.854	ug/l	94
17) Carbon Disulfide	4.116	76	39254	3.671	ug/l	98
18) Methyl Acetate	4.397	43	9056	3.527	ug/l #	82
19) Methyl tert-butyl Ether	5.122	73	31830	2.777	ug/l	94
20) Methylene Chloride	4.616	84	20628	4.288	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	14044	3.234	ug/l #	89
22) Diisopropyl ether	6.025	45	45031	2.872	ug/l	94
23) Vinyl Acetate	5.970	43	131590m	14.639	ug/l	
24) 1,1-Dichloroethane	5.921	63	26045	2.988	ug/l	94
25) 2-Butanone	6.902	43	21428	13.430	ug/l	99
26) 2,2-Dichloropropane	6.884	77	27370	3.526	ug/l	92
27) cis-1,2-Dichloroethene	6.890	96	15535	2.895	ug/l	90
28) Bromochloromethane	7.244	49	10888	2.838	ug/l	97
29) Tetrahydrofuran	7.262	42	12061	13.239	ug/l	98
30) Chloroform	7.427	83	26834	3.020	ug/l	100
31) Cyclohexane	7.713	56	32748	4.280	ug/l #	79
32) 1,1,1-Trichloroethane	7.616	97	22761	2.923	ug/l	98
36) 1,1-Dichloropropene	7.835	75	20422	3.298	ug/l	98
37) Ethyl Acetate	6.988	43	9073m	2.810	ug/l	
38) Carbon Tetrachloride	7.817	117	19793	2.982	ug/l	88
39) Methylcyclohexane	9.109	83	24609	3.154	ug/l	90
40) Benzene	8.085	78	57311	3.058	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019848.D
 Acq On : 10 Oct 2024 11:50
 Operator : SY/MD
 Sample : P4368-01 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Oct 11 08:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 08:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4957	2.837	ug/l	93
42) 1,2-Dichloroethane	8.158	62	16248	3.018	ug/l	98
43) Isopropyl Acetate	8.195	43	17480	2.655	ug/l	97
44) Trichloroethene	8.865	130	13079	2.882	ug/l	98
45) 1,2-Dichloropropane	9.146	63	13220	2.819	ug/l	96
46) Dibromomethane	9.231	93	7011	2.736	ug/l	94
47) Bromodichloromethane	9.426	83	18364	2.700	ug/l #	97
48) Methyl methacrylate	9.219	41	8106	2.799	ug/l	95
49) 1,4-Dioxane	9.237	88	1566	54.601	ug/l #	70
51) 4-Methyl-2-Pentanone	9.999	43	41970	12.497	ug/l	97
52) Toluene	10.176	92	36239	3.098	ug/l	92
53) t-1,3-Dichloropropene	10.396	75	16308	2.665	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	19186	2.657	ug/l #	92
55) 1,1,2-Trichloroethane	10.573	97	8894	2.634	ug/l #	85
56) Ethyl methacrylate	10.444	69	11809	2.438	ug/l	97
57) 1,3-Dichloropropane	10.719	76	16441	2.773	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	30590	13.564	ug/l	99
59) 2-Hexanone	10.761	43	27175	11.329	ug/l	99
60) Dibromochloromethane	10.908	129	11819	2.727	ug/l	91
61) 1,2-Dibromoethane	11.018	107	8498	2.785	ug/l	100
64) Tetrachloroethene	10.646	164	12091	3.154	ug/l	94
65) Chlorobenzene	11.438	112	36598	2.969	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	11593	2.779	ug/l	95
67) Ethyl Benzene	11.517	91	66283	2.960	ug/l	99
68) m/p-Xylenes	11.627	106	49428	5.976	ug/l	98
69) o-Xylene	11.956	106	22853	2.876	ug/l	95
70) Styrene	11.969	104	35273	2.631	ug/l	96
71) Bromoform	12.133	173	6076	2.721	ug/l #	93
73) Isopropylbenzene	12.255	105	60857	2.988	ug/l	99
74) N-amyl acetate	12.072	43	14163	2.626	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	9675	2.674	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	8960m	3.554	ug/l	
77) Bromobenzene	12.529	156	12914	2.988	ug/l	96
78) n-propylbenzene	12.597	91	75193	3.056	ug/l	98
79) 2-Chlorotoluene	12.676	91	44059	3.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	48692	2.961	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	2838m	2.415	ug/l	
82) 4-Chlorotoluene	12.779	91	43337	3.004	ug/l	97
83) tert-Butylbenzene	12.993	119	44115	2.994	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	46824	2.872	ug/l	98
85) sec-Butylbenzene	13.176	105	64404	2.926	ug/l	97
86) p-Isopropyltoluene	13.292	119	50562	2.829	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	26460	3.032	ug/l	95
88) 1,4-Dichlorobenzene	13.365	146	26034	3.036	ug/l	89
89) n-Butylbenzene	13.615	91	50189	2.875	ug/l	99
90) Hexachloroethane	13.883	117	9279	2.666	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	22249	2.901	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	1603	2.776	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	11575	2.692	ug/l	99
94) Hexachlorobutadiene	15.023	225	7079	2.961	ug/l	97
95) Naphthalene	15.145	128	19814	2.443	ug/l	98
96) 1,2,3-Trichlorobenzene	15.322	180	9071	2.496	ug/l	97

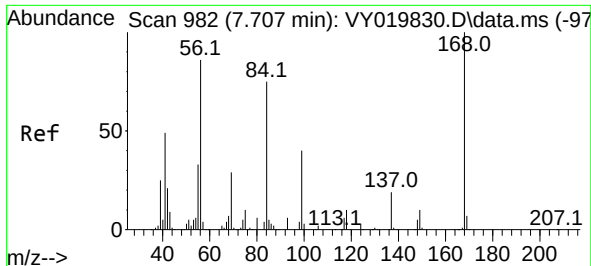
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
Data File : VY019848.D
Acq On : 10 Oct 2024 11:50
Operator : SY/MD
Sample : P4368-01 2.5 PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Quant Time: Oct 11 08:12:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 08:10:14 2024
Response via : Initial Calibration

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

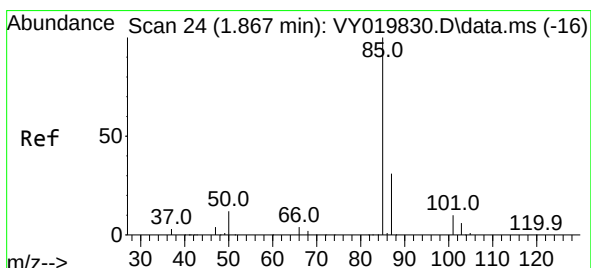
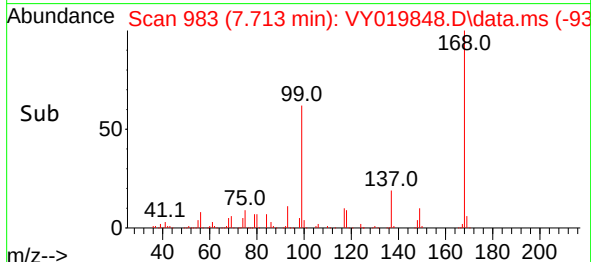
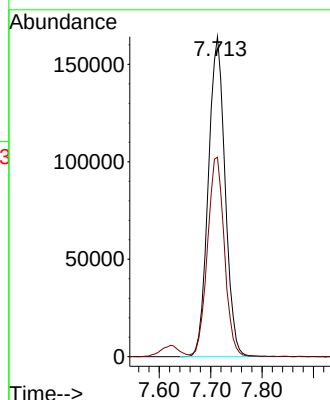
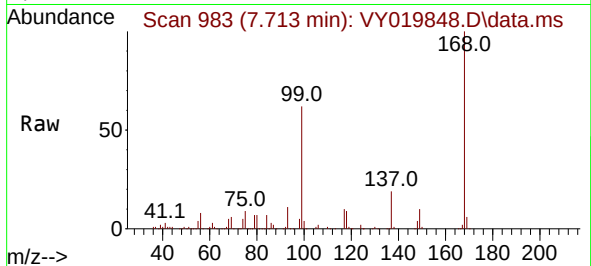
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

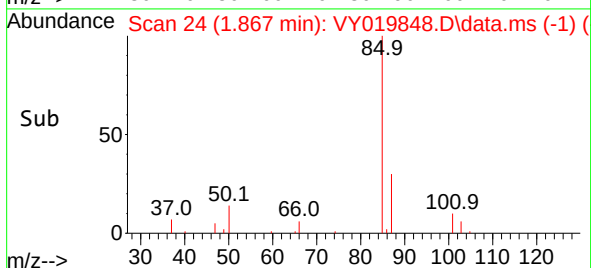
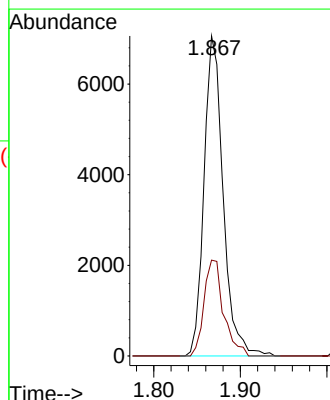
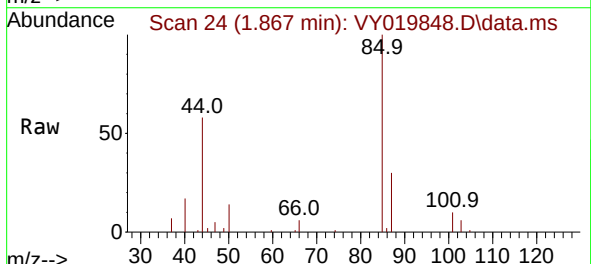
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

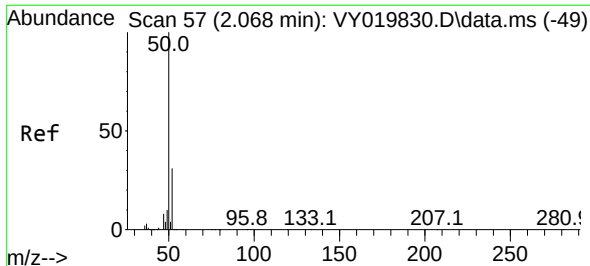
Tgt Ion:168 Resp: 371885
Ion Ratio Lower Upper
168 100
99 62.3 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 3.124 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 85 Resp: 10815
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.1

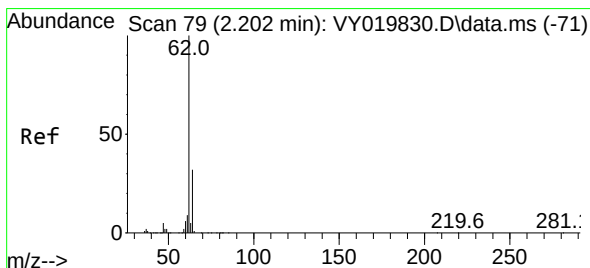
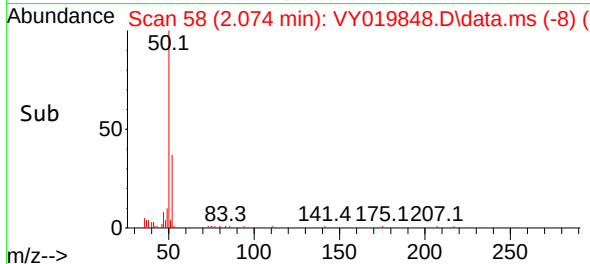
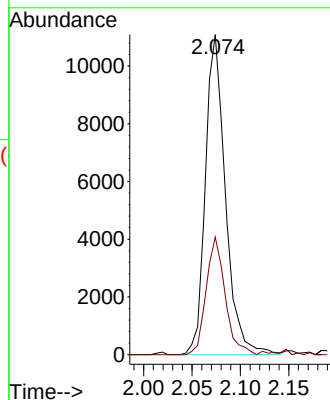
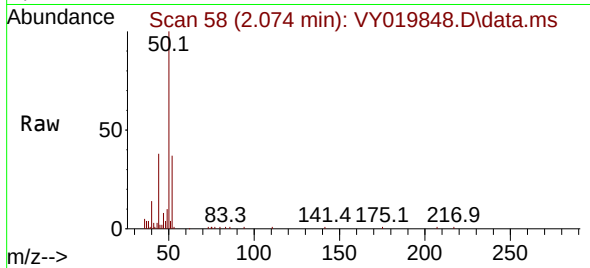




#3
Chloromethane
Concen: 3.559 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

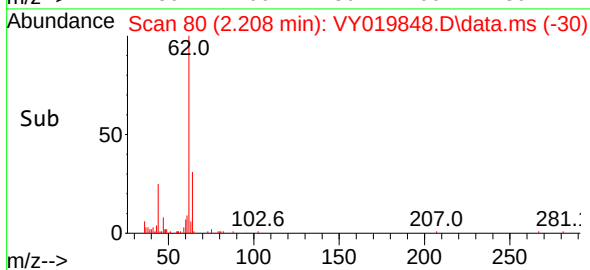
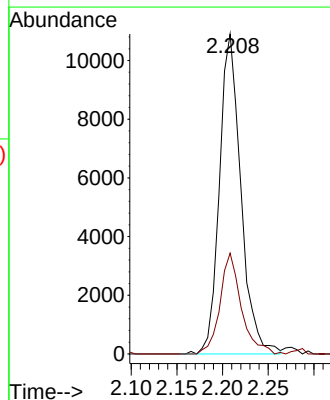
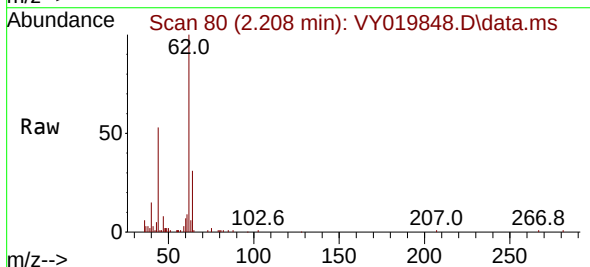
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

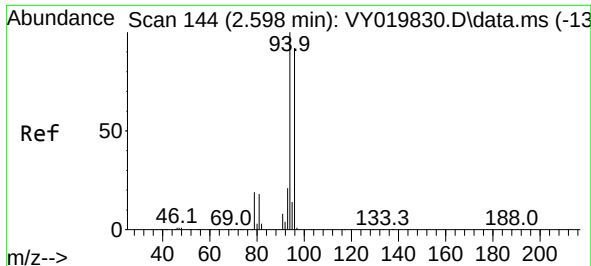
Tgt Ion: 50 Resp: 16037
Ion Ratio Lower Upper
50 100
52 36.7 25.1 37.7



#4
Vinyl Chloride
Concen: 3.587 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 62 Resp: 17787
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

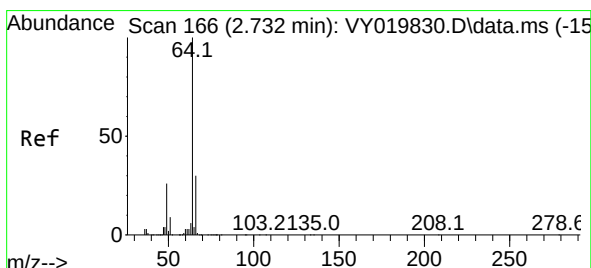
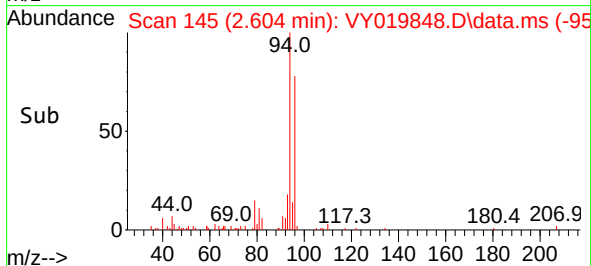
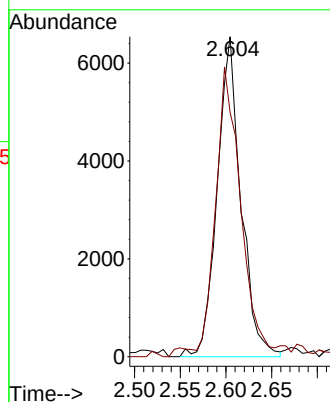
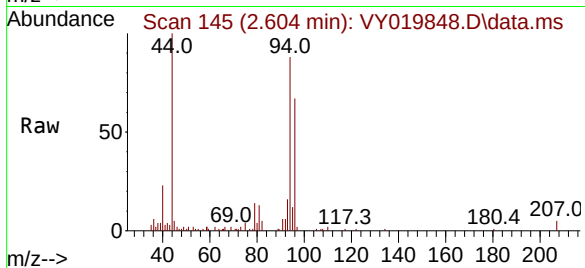




#5
Bromomethane
Concen: 3.765 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

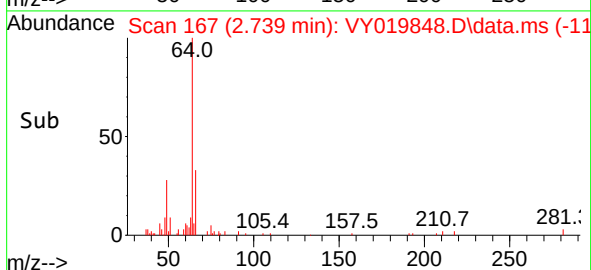
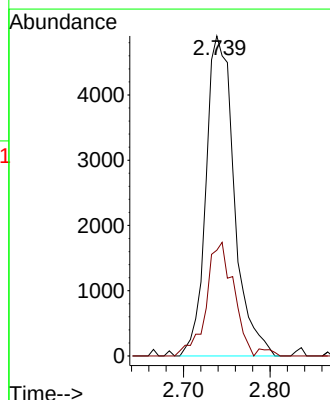
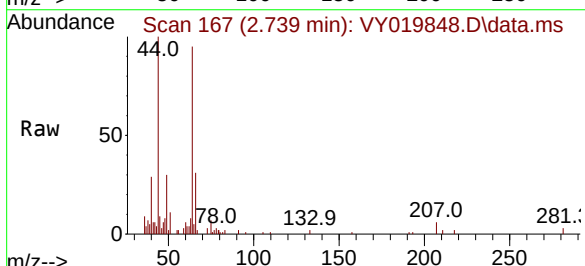
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

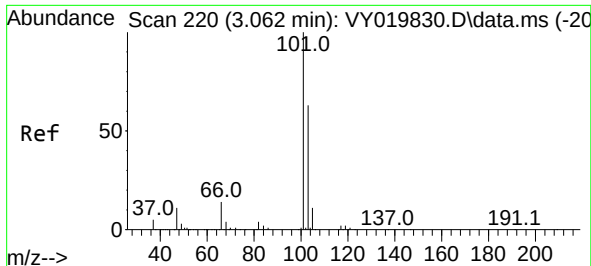
Tgt Ion: 94 Resp: 11817
Ion Ratio Lower Upper
94 100
96 73.6 73.6 110.4



#6
Chloroethane
Concen: 3.333 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 64 Resp: 11103
Ion Ratio Lower Upper
64 100
66 33.1 24.2 36.2

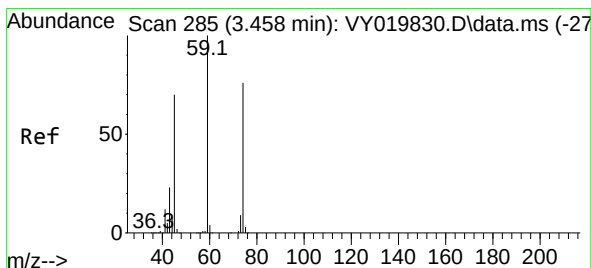
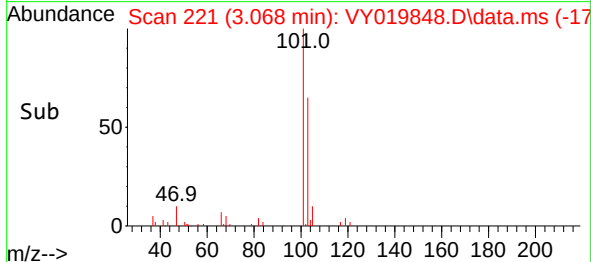
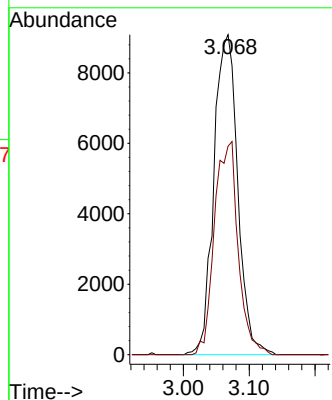
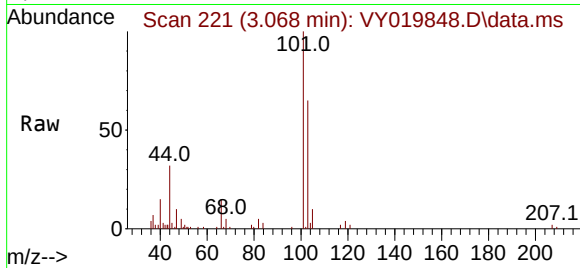




#7
Trichlorofluoromethane
Concen: 3.112 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

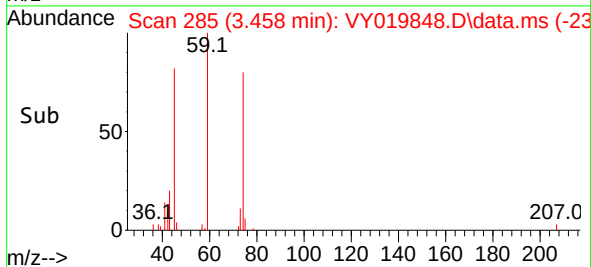
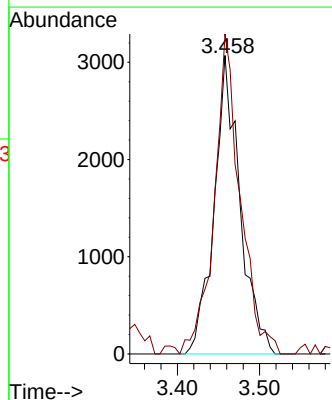
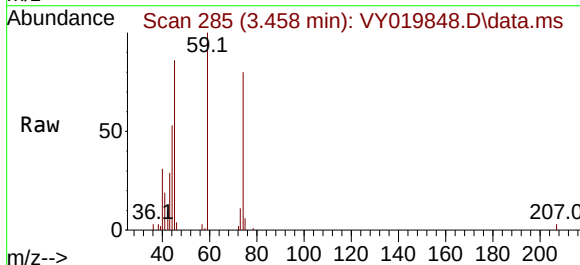
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

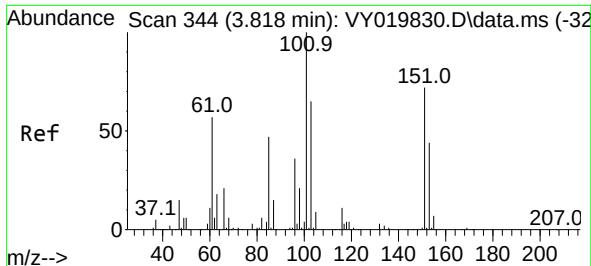
Tgt Ion:101 Resp: 22962
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1



#8
Diethyl Ether
Concen: 2.986 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 74 Resp: 6695
Ion Ratio Lower Upper
74 100
45 107.9 49.9 149.6

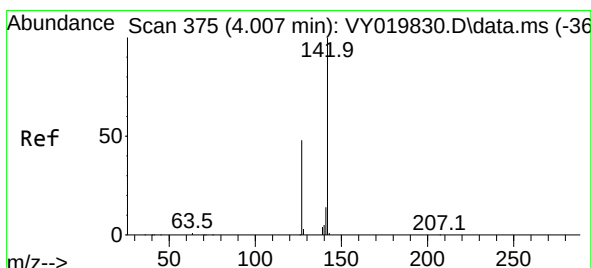
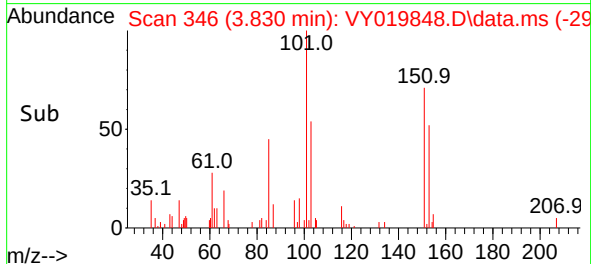
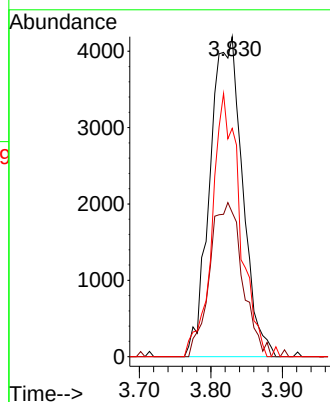
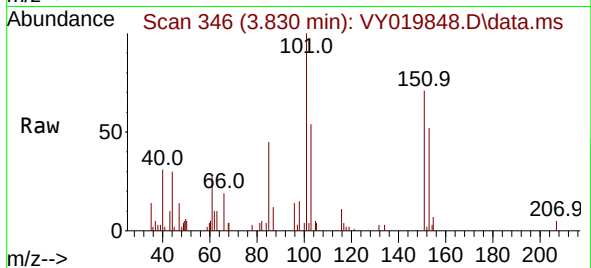




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.078 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

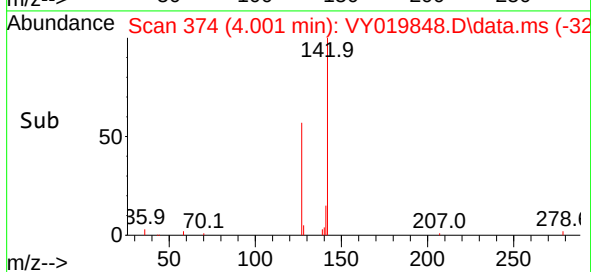
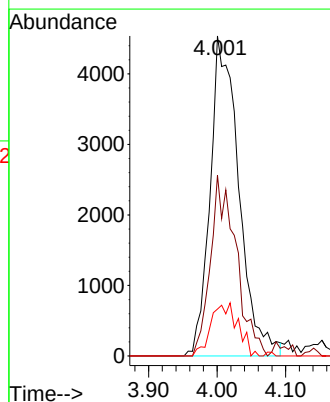
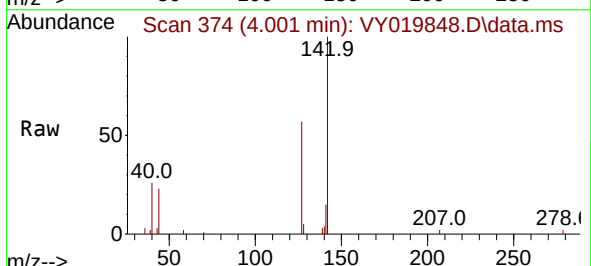
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

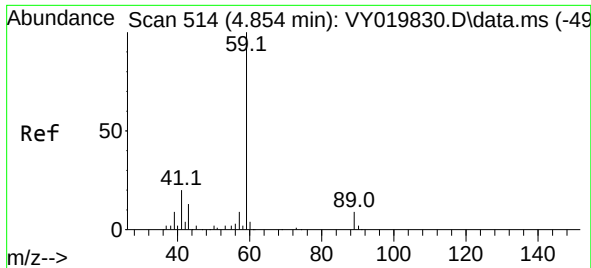
Tgt Ion:	101	Resp:	13211
Ion	Ratio	Lower	Upper
101	100		
85	48.6	37.9	56.9
151	70.2	57.0	85.6



#10
Methyl Iodide
Concen: 3.041 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion:	142	Resp:	13201
Ion	Ratio	Lower	Upper
142	100		
127	50.4	39.4	59.2
141	15.5	11.7	17.5

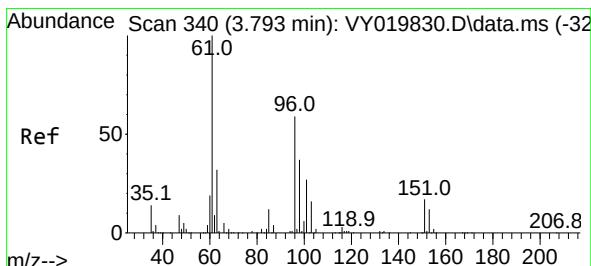
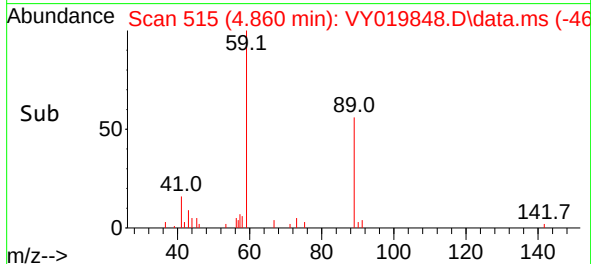
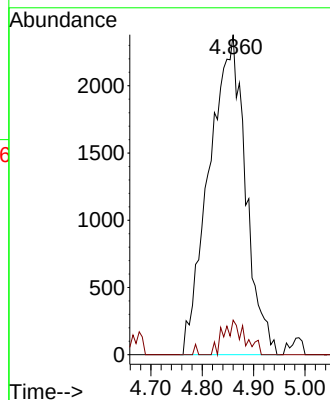
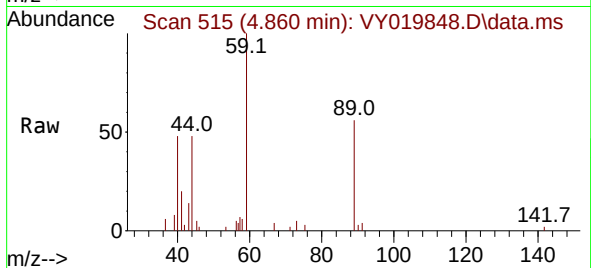




#11
Tert butyl alcohol
Concen: 27.311 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

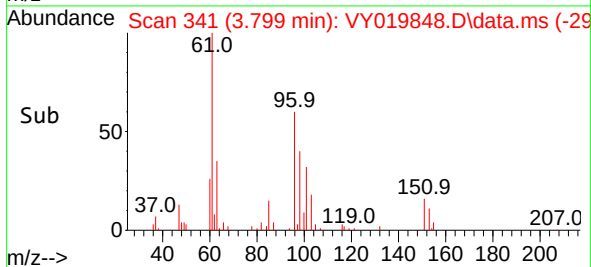
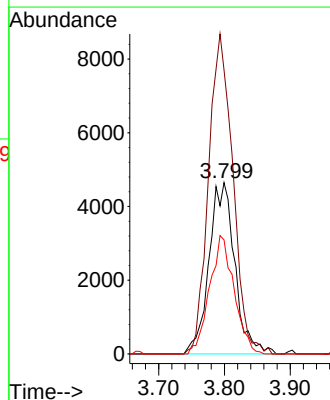
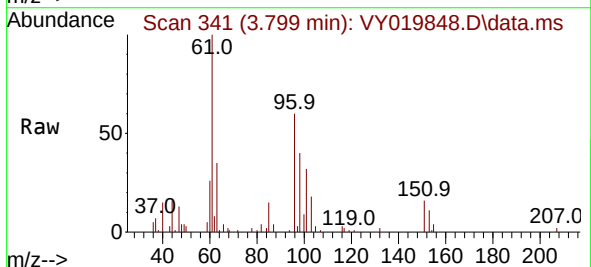
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

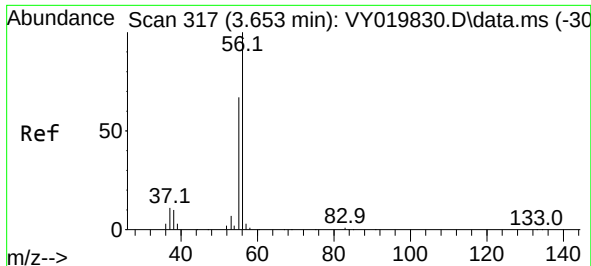
Tgt Ion: 59 Resp: 11716
Ion Ratio Lower Upper
59 100
57 6.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 3.181 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 96 Resp: 12690
Ion Ratio Lower Upper
96 100
61 165.6 134.9 202.3
98 66.6 50.2 75.4





#13

Acrolein

Concen: 19.738 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

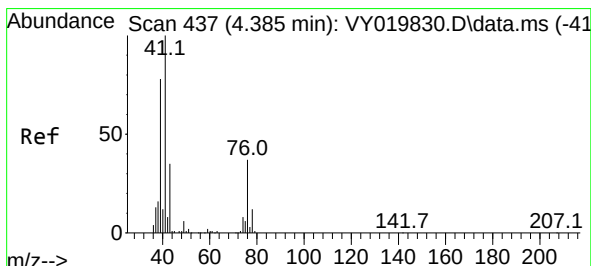
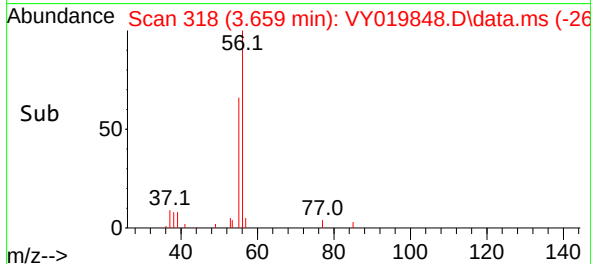
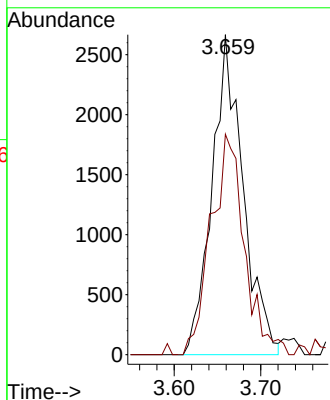
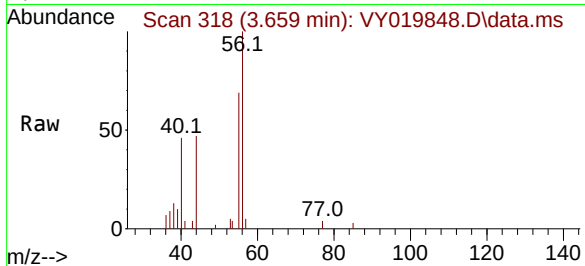
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 56 Resp: 6641

Ion Ratio Lower Upper

56 100

55 74.0 56.9 85.3



#14

Allyl chloride

Concen: 2.953 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

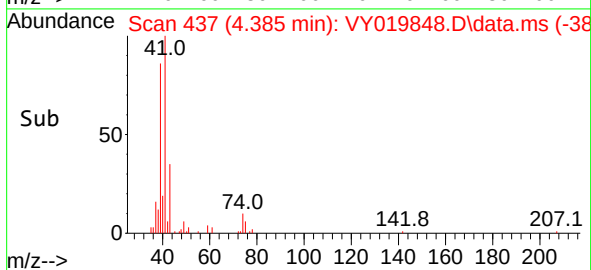
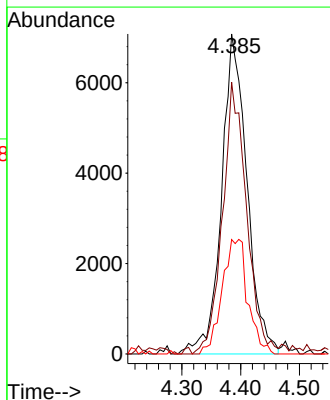
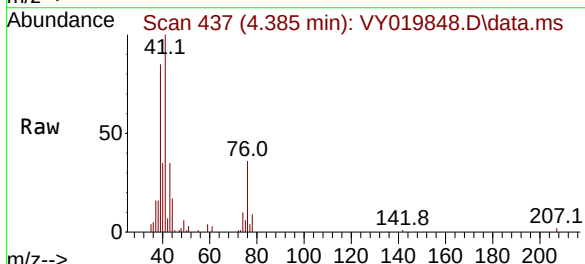
Tgt Ion: 41 Resp: 21254

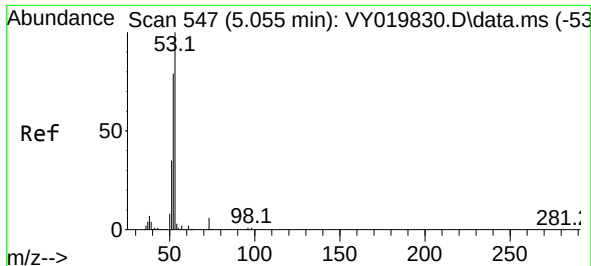
Ion Ratio Lower Upper

41 100

39 80.4 59.1 88.7

76 36.3 28.6 42.8

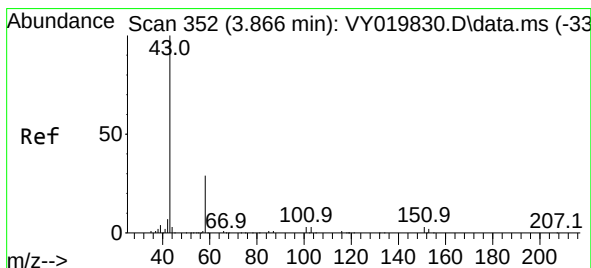
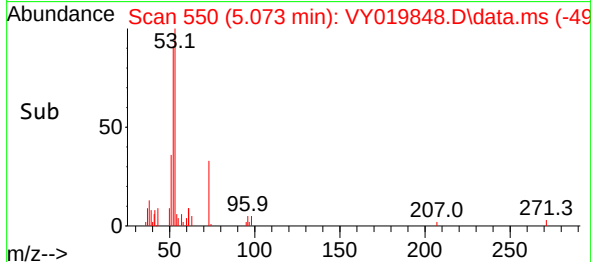
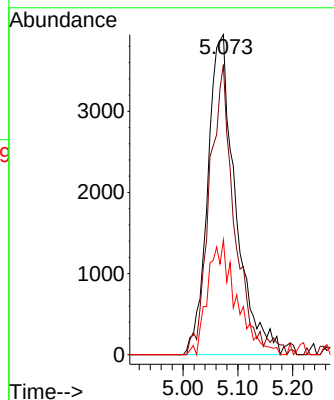
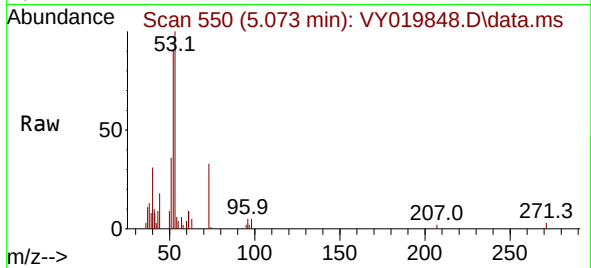




#15
Acrylonitrile
Concen: 13.582 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

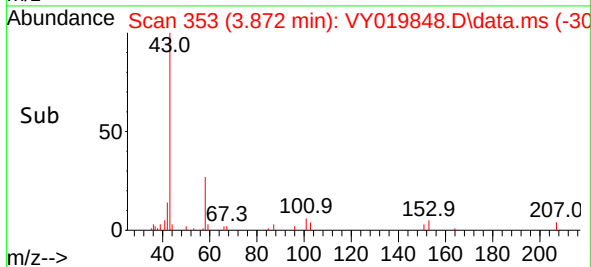
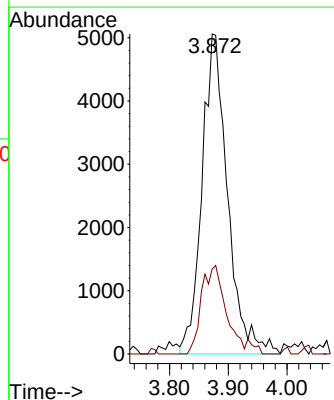
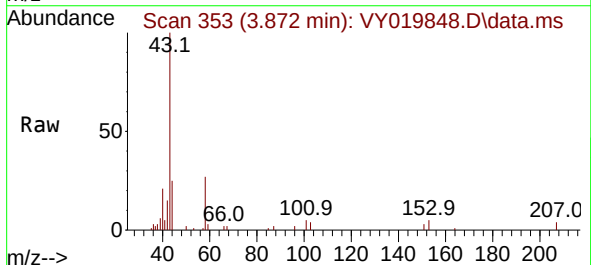
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

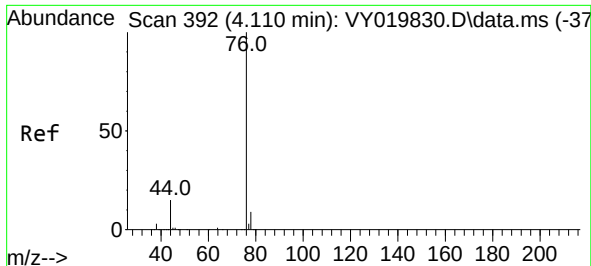
Tgt Ion: 53	Resp:	13930
Ion	Ratio	Lower Upper
53	100	
52	79.8	65.0 97.6
51	36.8	29.9 44.9



#16
Acetone
Concen: 12.854 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 43	Resp:	15322
Ion	Ratio	Lower Upper
43	100	
58	26.6	23.8 35.6

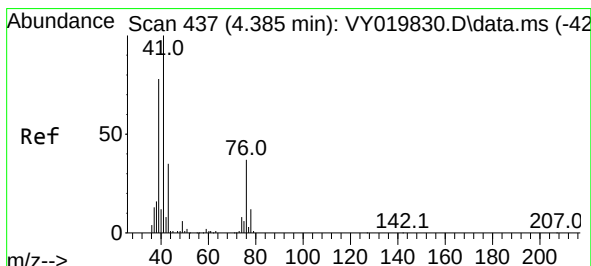
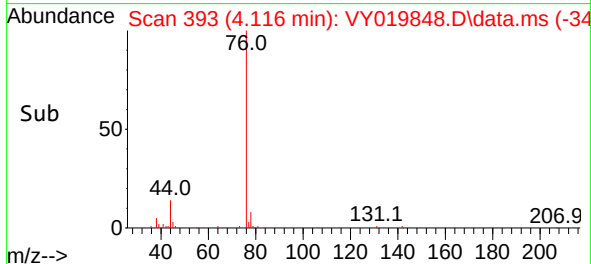
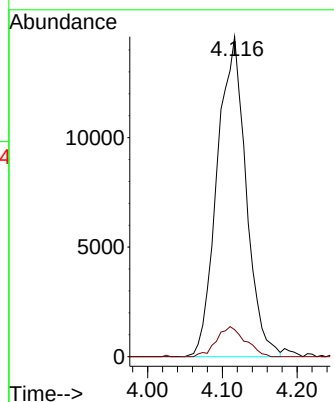
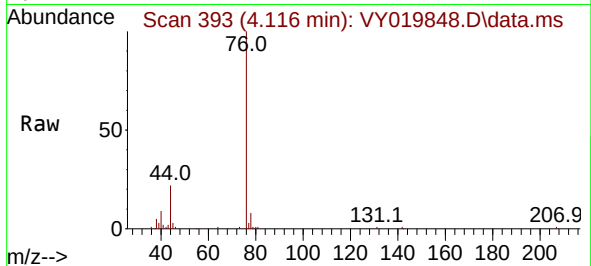




#17
Carbon Disulfide
Concen: 3.671 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

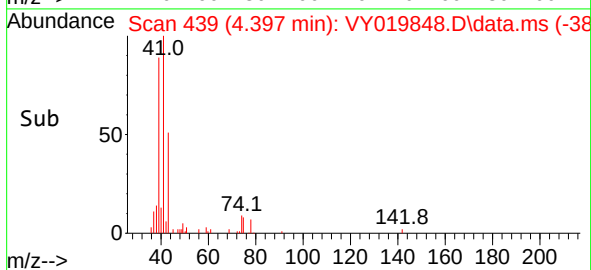
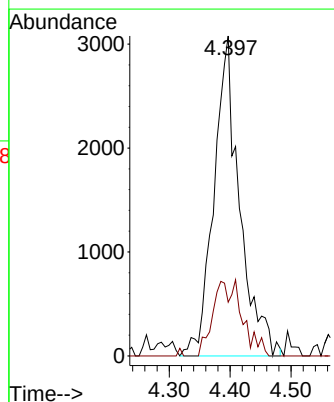
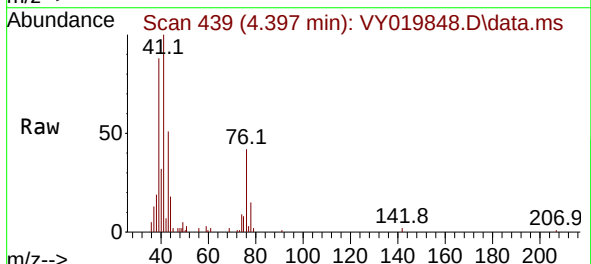
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

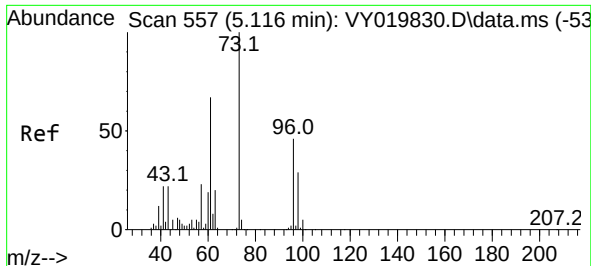
Tgt Ion: 76 Resp: 39254
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 3.527 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 43 Resp: 9056
Ion Ratio Lower Upper
43 100
74 14.4 18.6 28.0#

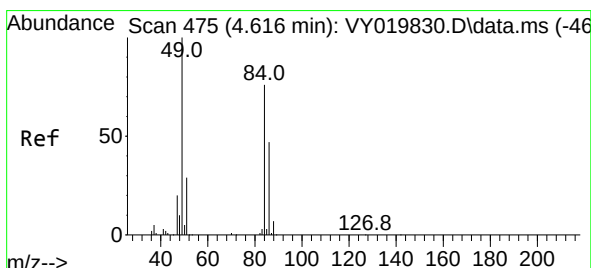
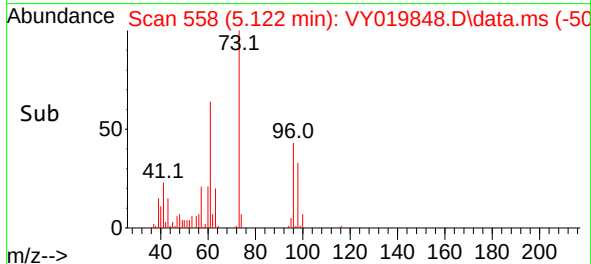
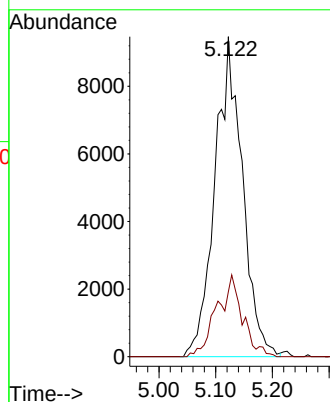
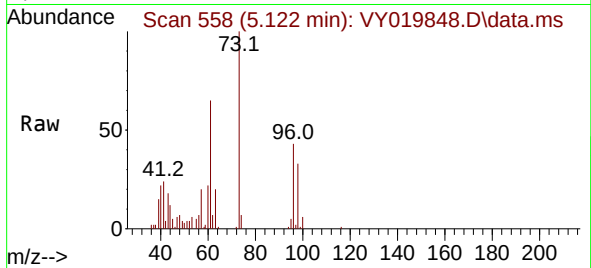




#19
Methyl tert-butyl Ether
Concen: 2.777 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

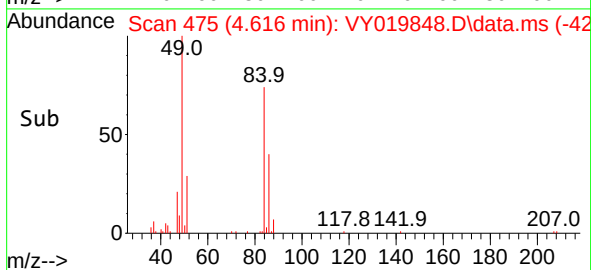
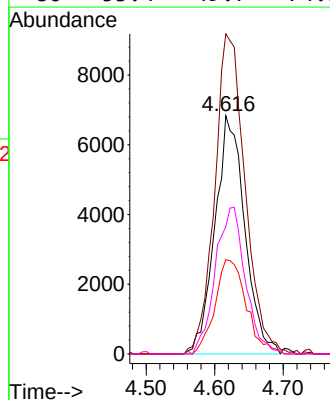
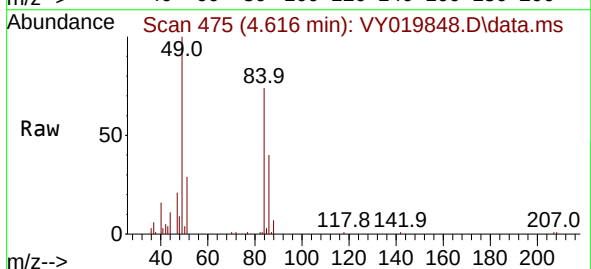
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

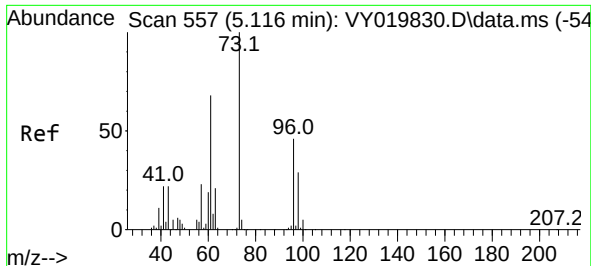
Tgt Ion: 73 Resp: 31830
Ion Ratio Lower Upper
73 100
57 20.3 18.6 28.0



#20
Methylene Chloride
Concen: 4.288 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 84 Resp: 20628
Ion Ratio Lower Upper
84 100
49 134.3 104.8 157.2
51 39.6 30.4 45.6
86 53.4 49.7 74.5

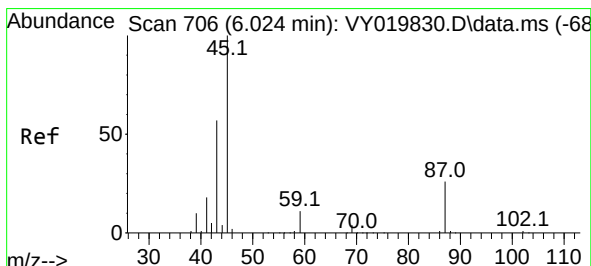
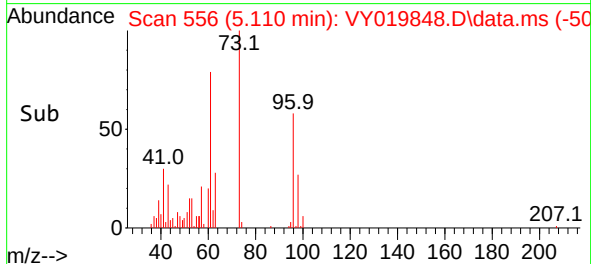
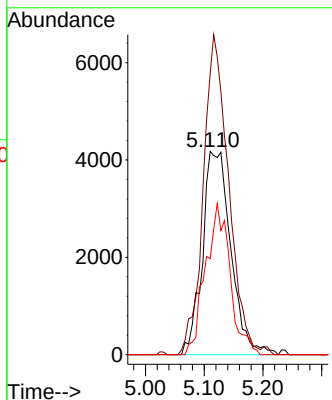
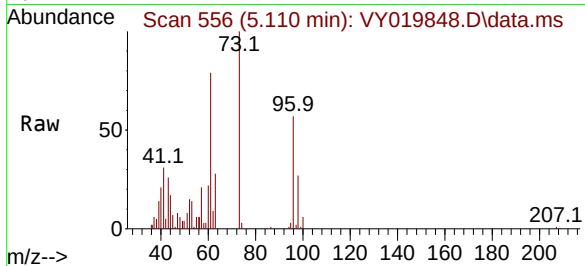




#21
trans-1,2-Dichloroethene
Concen: 3.234 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

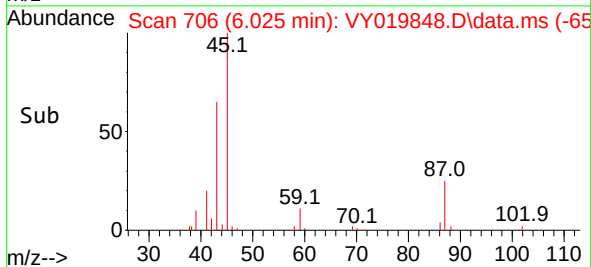
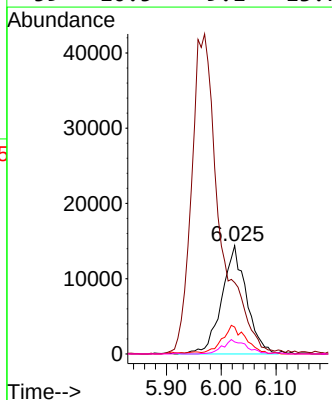
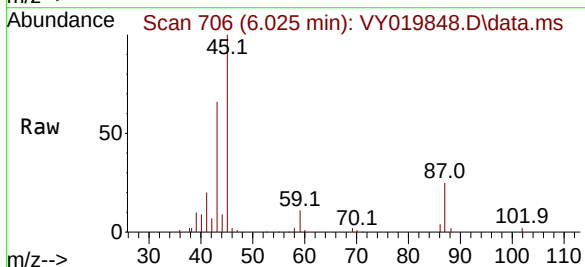
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

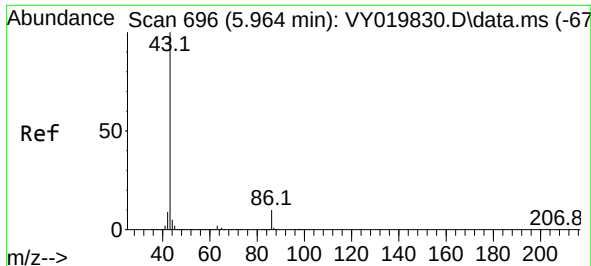
Tgt Ion: 96 Resp: 14044
Ion Ratio Lower Upper
96 100
61 138.4 117.9 176.9
98 47.2 51.0 76.4#



#22
Diisopropyl ether
Concen: 2.872 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 45 Resp: 45031
Ion Ratio Lower Upper
45 100
43 62.2 45.4 68.0
87 24.2 21.1 31.7
59 10.5 9.1 13.7

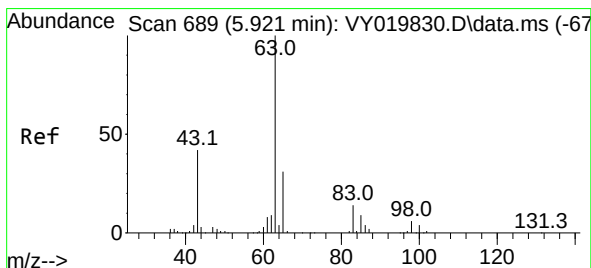
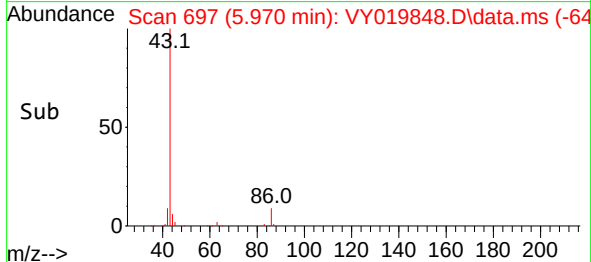
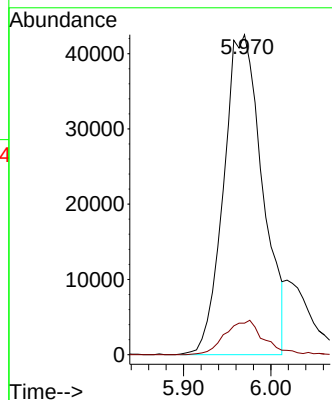
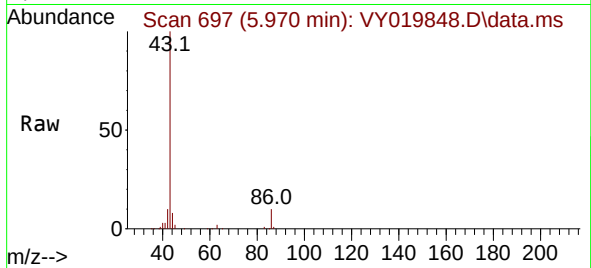




#23
 Vinyl Acetate
 Concen: 14.639 ug/l m
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019848.D
 Acq: 10 Oct 2024 11:50

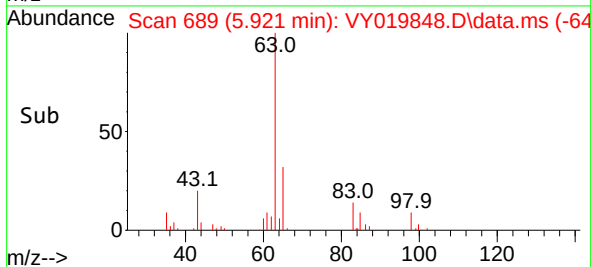
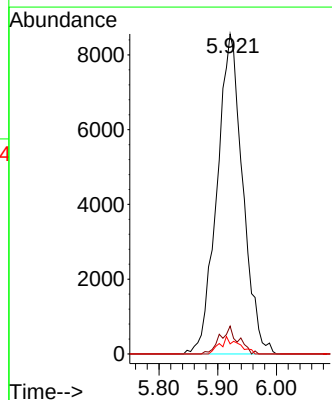
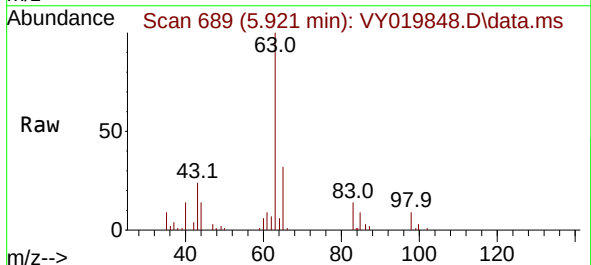
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

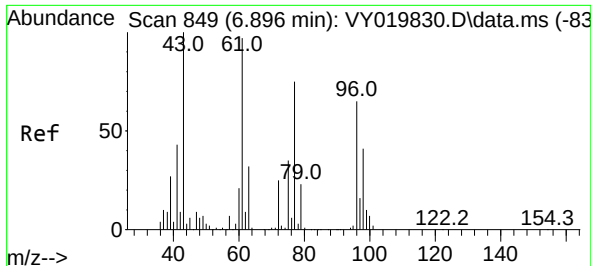
Tgt Ion: 43 Resp: 131590
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.988 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY019848.D
 Acq: 10 Oct 2024 11:50

Tgt Ion: 63 Resp: 26045
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.2 9.6
 100 3.1 2.2 6.6

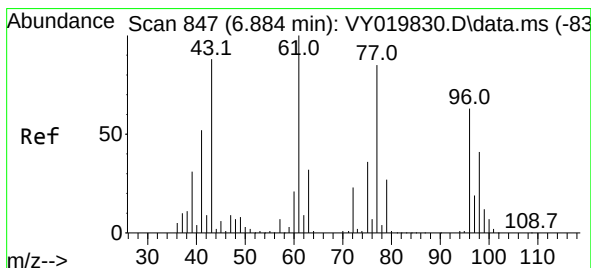
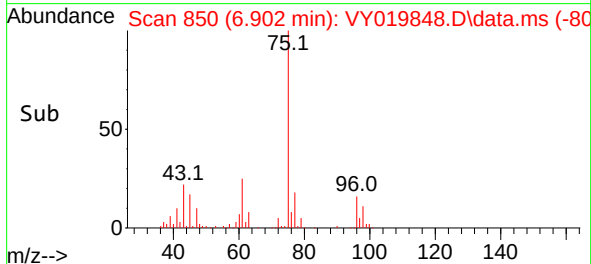
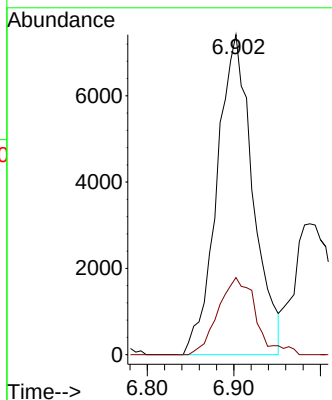
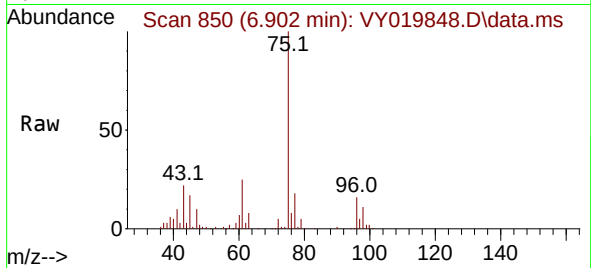




#25
2-Butanone
Concen: 13.430 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

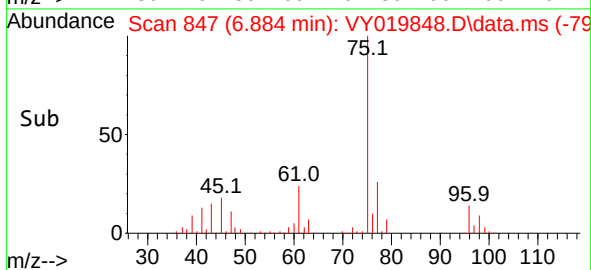
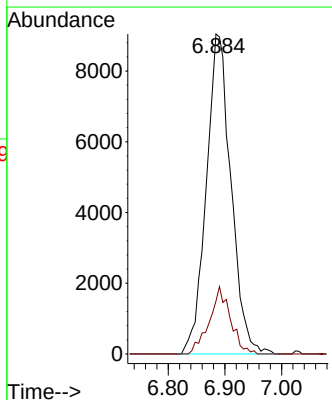
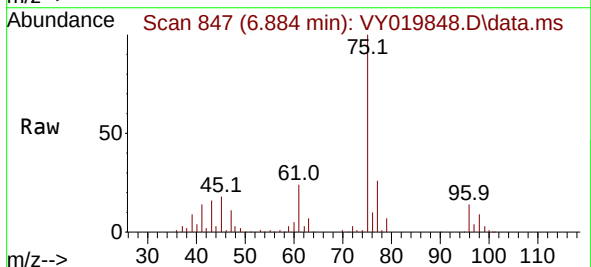
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

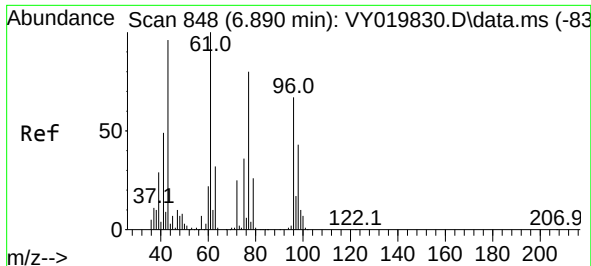
Tgt Ion: 43 Resp: 21428
Ion Ratio Lower Upper
43 100
72 24.1 19.8 29.6



#26
2,2-Dichloropropane
Concen: 3.526 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 77 Resp: 27370
Ion Ratio Lower Upper
77 100
97 18.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 2.895 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019848.D

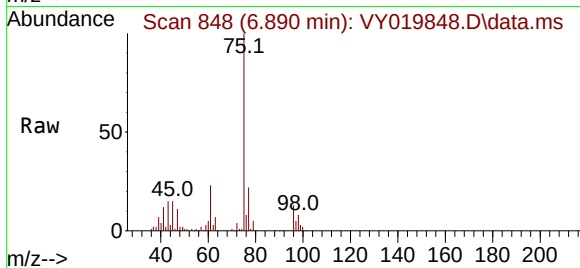
Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



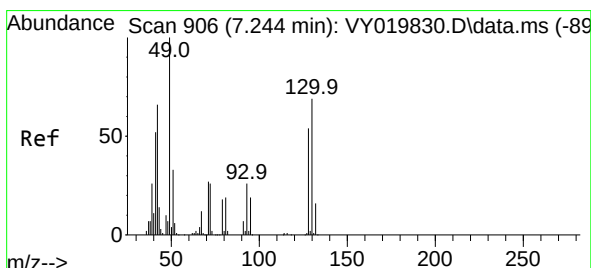
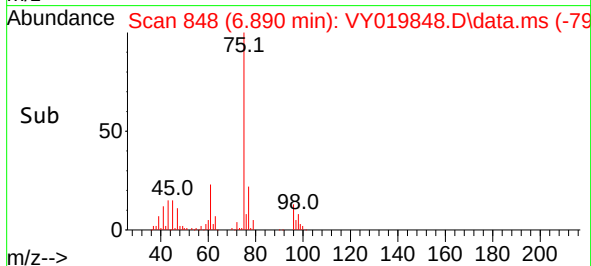
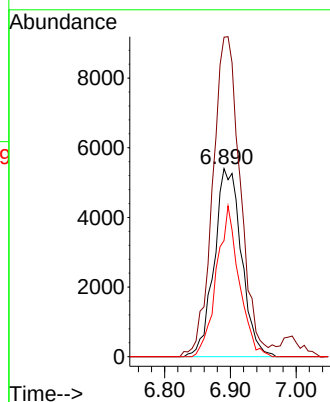
Tgt Ion: 96 Resp: 15535

Ion Ratio Lower Upper

96 100

61 172.5 0.0 311.4

98 66.7 0.0 129.2



#28

Bromochloromethane

Concen: 2.838 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

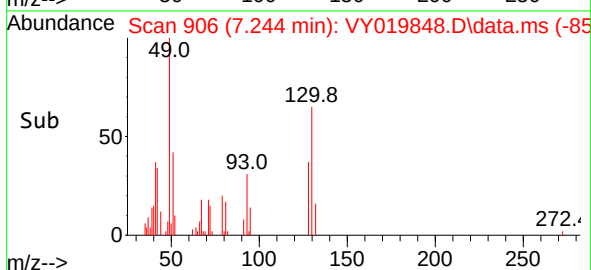
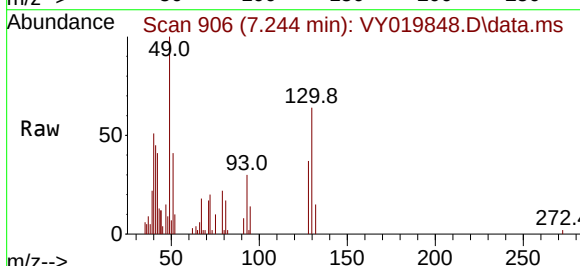
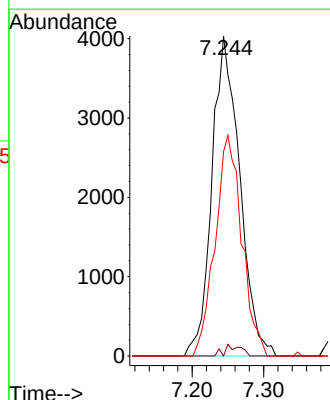
Tgt Ion: 49 Resp: 10888

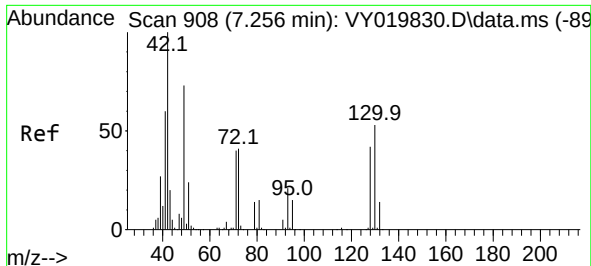
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 66.1 55.0 82.4





#29

Tetrahydrofuran

Concen: 13.239 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

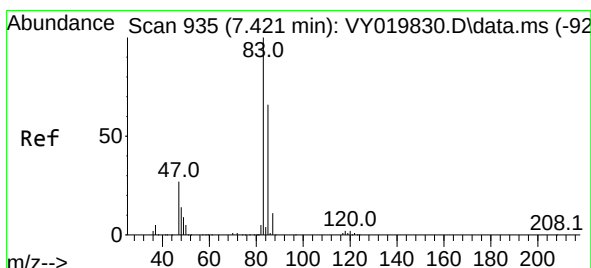
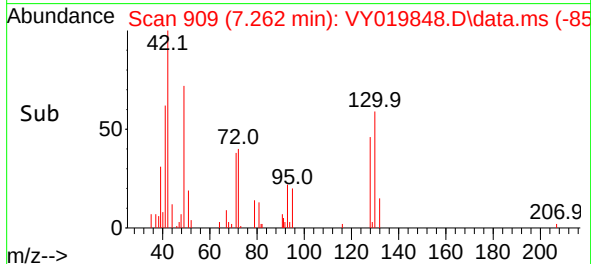
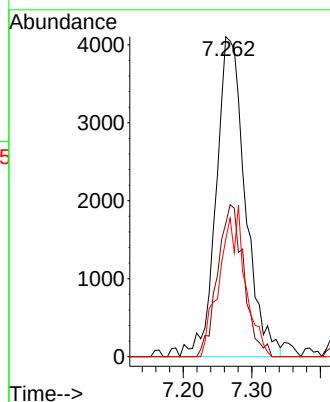
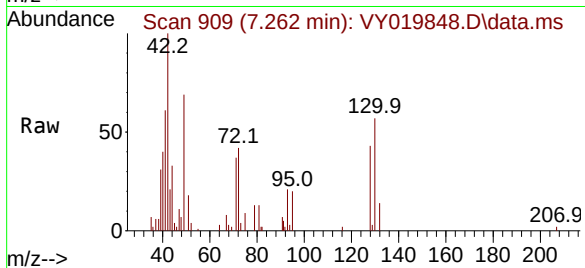
Tgt Ion: 42 Resp: 12061

Ion Ratio Lower Upper

42 100

72 43.0 33.4 50.0

71 40.9 31.6 47.4



#30

Chloroform

Concen: 3.020 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019848.D

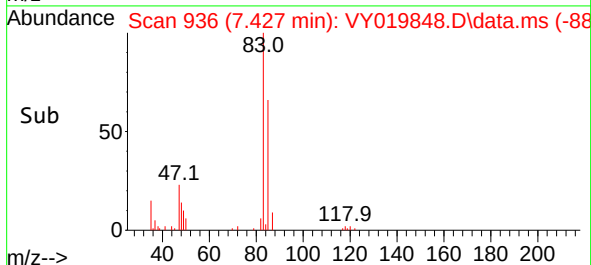
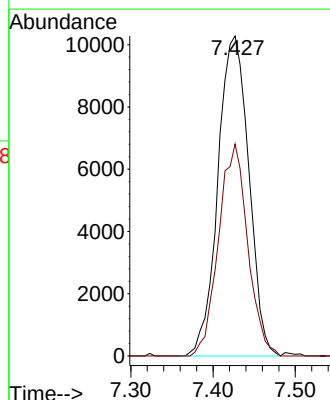
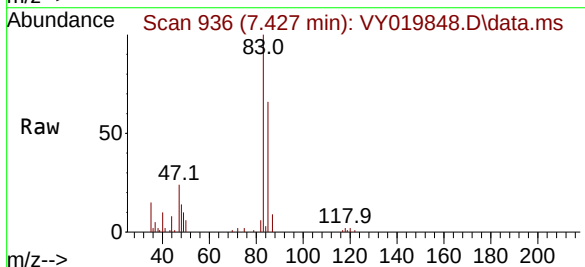
Acq: 10 Oct 2024 11:50

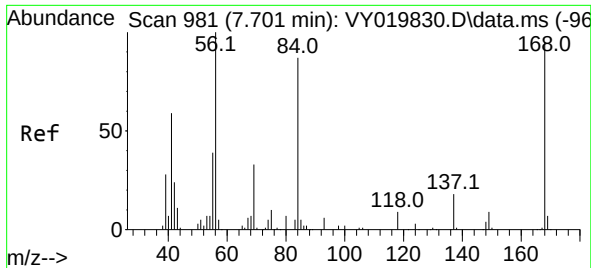
Tgt Ion: 83 Resp: 26834

Ion Ratio Lower Upper

83 100

85 66.2 52.7 79.1

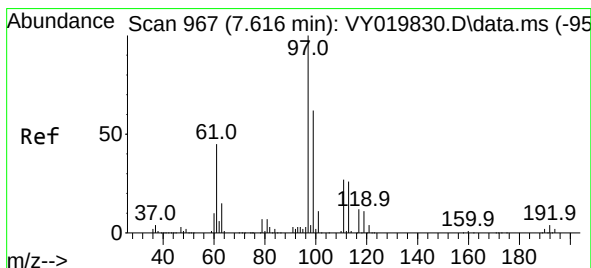
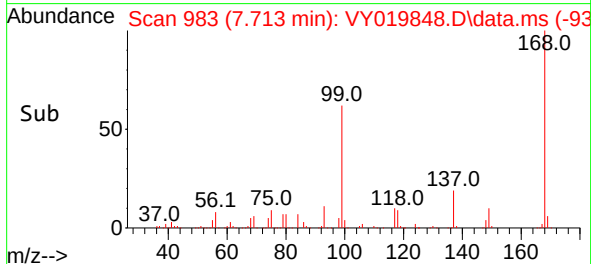
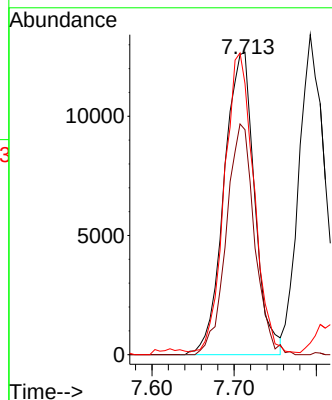
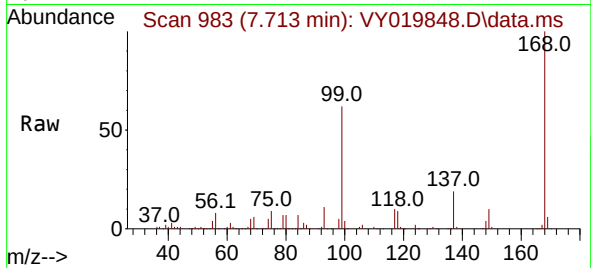




#31
Cyclohexane
Concen: 4.280 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

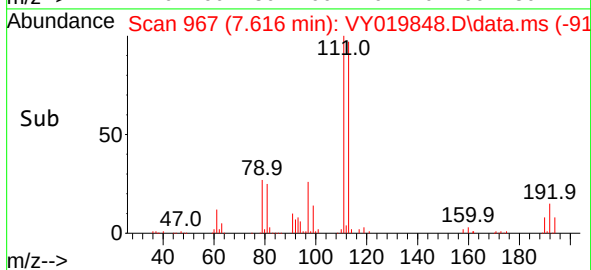
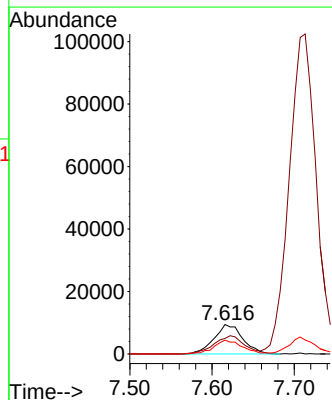
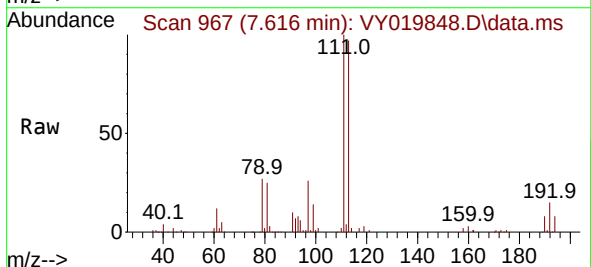
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

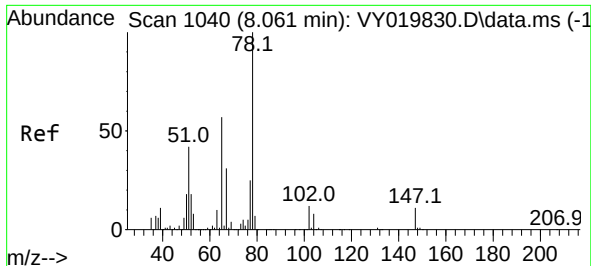
Tgt Ion: 56 Resp: 32748
Ion Ratio Lower Upper
56 100
69 74.4 26.6 39.8#
84 88.0 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 2.923 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 97 Resp: 22761
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 46.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.090 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

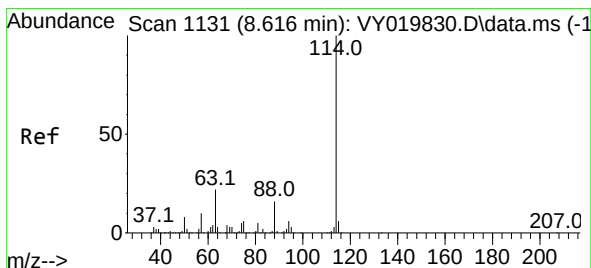
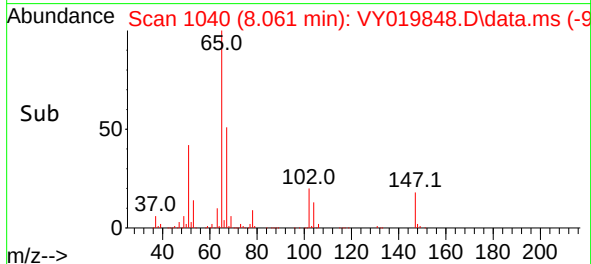
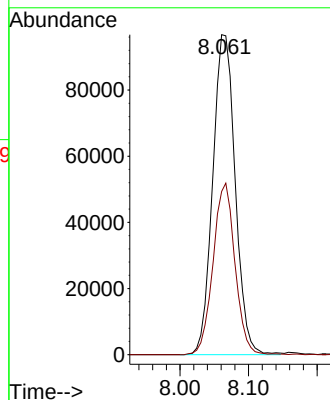
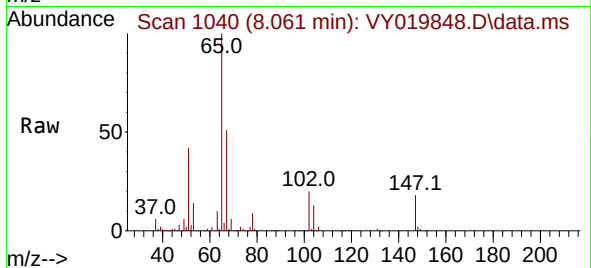
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 65 Resp: 220204

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

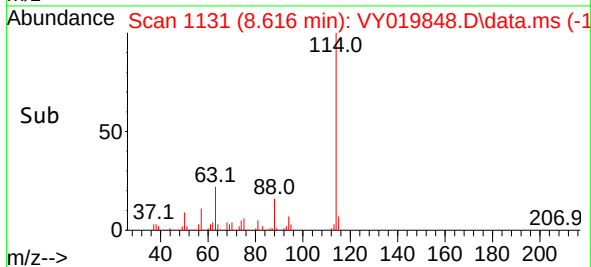
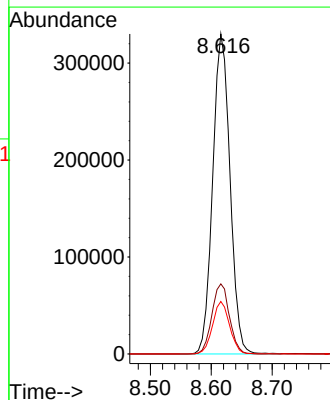
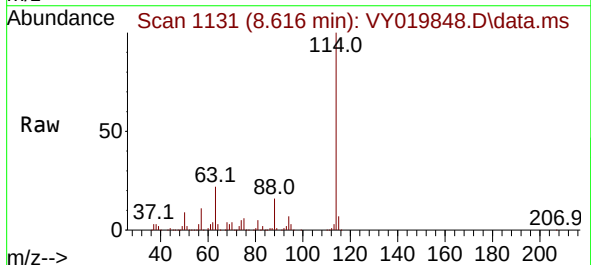
Tgt Ion: 114 Resp: 651299

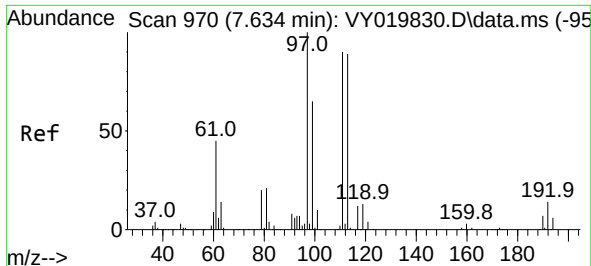
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.033 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

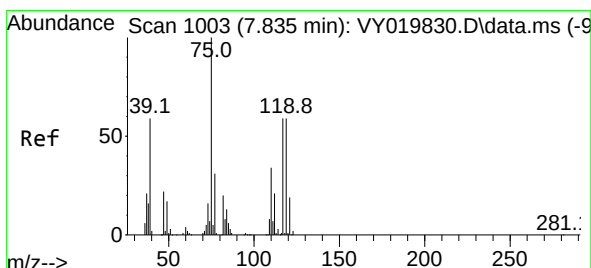
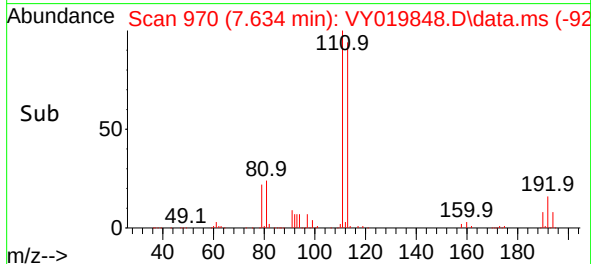
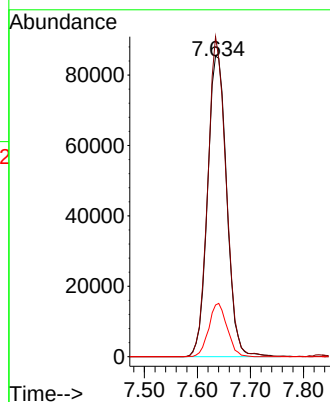
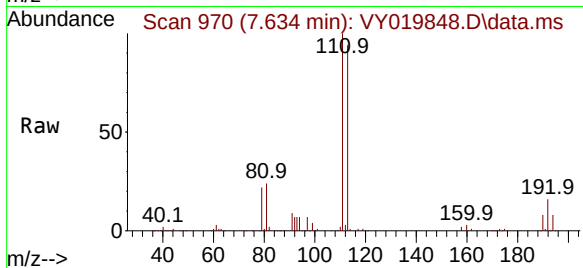
Tgt Ion:113 Resp: 215033

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 16.9 13.6 20.4



#36

1,1-Dichloropropene

Concen: 3.298 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

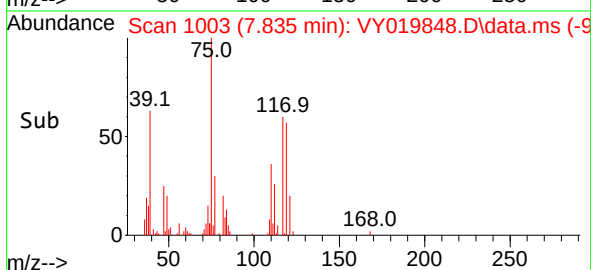
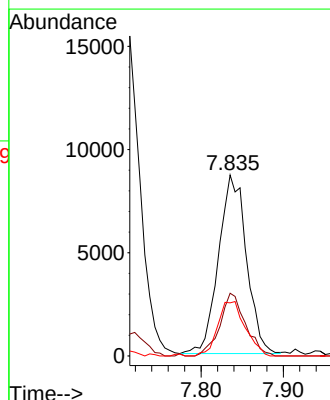
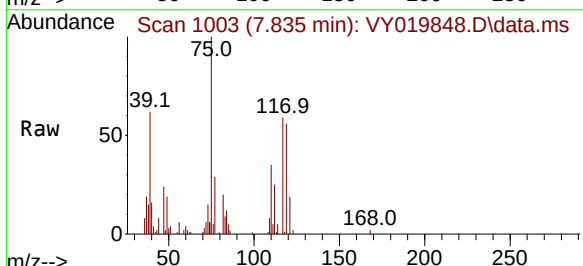
Tgt Ion: 75 Resp: 20422

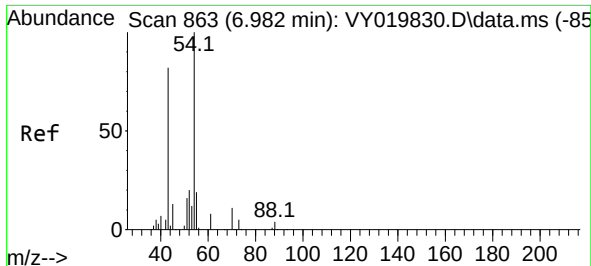
Ion Ratio Lower Upper

75 100

110 32.1 16.6 49.8

77 30.0 24.6 36.8





#37

Ethyl Acetate

Concen: 2.810 ug/l m

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

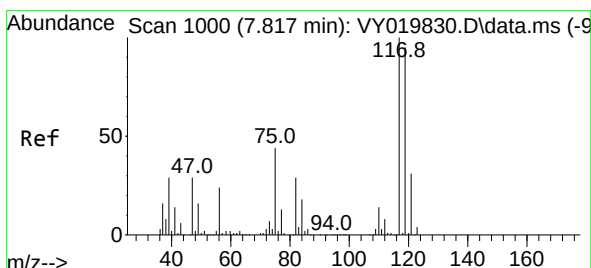
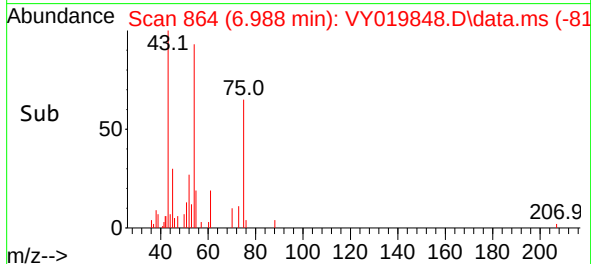
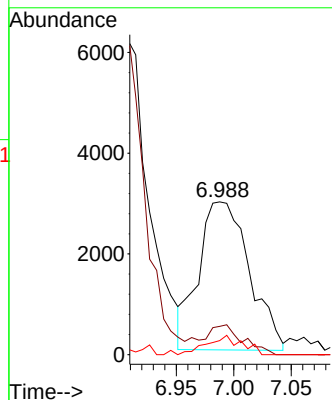
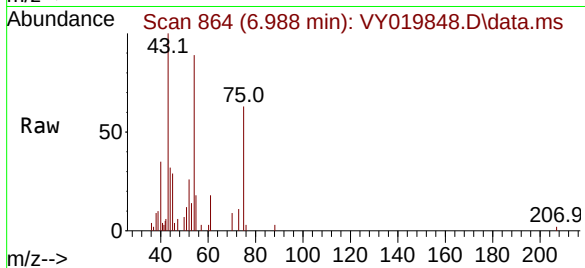
Tgt Ion: 43 Resp: 9073

Ion Ratio Lower Upper

43 100

61 13.5 10.9 16.3

70 8.9 7.6 11.4



#38

Carbon Tetrachloride

Concen: 2.982 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

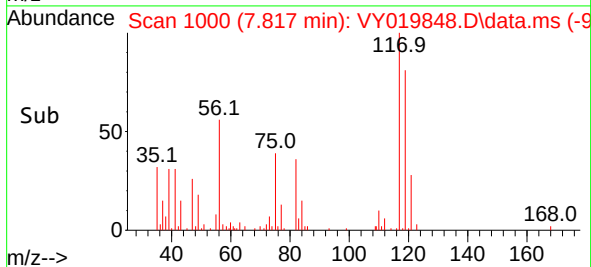
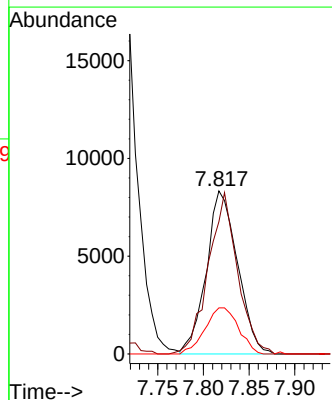
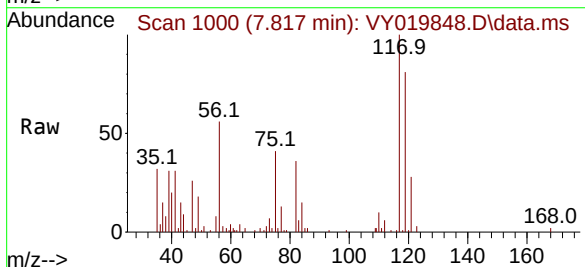
Tgt Ion: 117 Resp: 19793

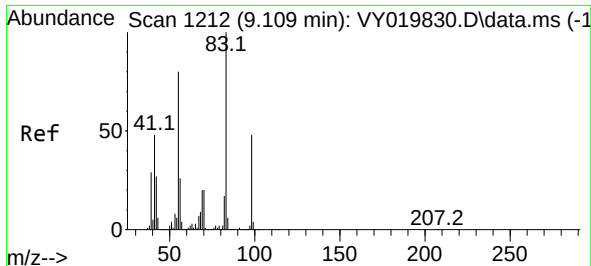
Ion Ratio Lower Upper

117 100

119 81.1 76.2 114.4

121 28.2 25.0 37.4





#39

Methylcyclohexane

Concen: 3.154 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

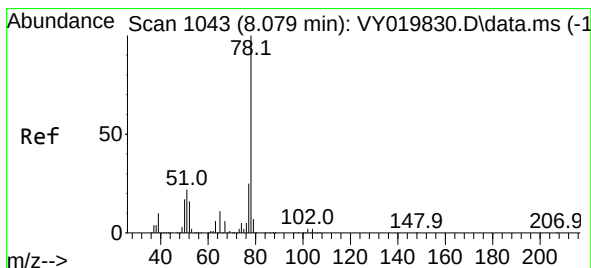
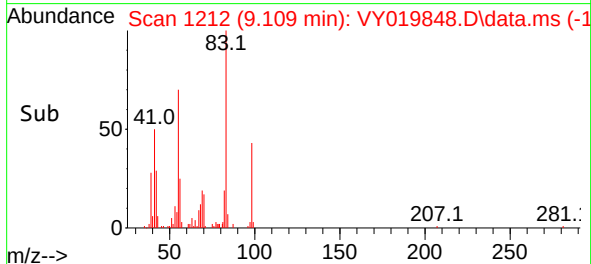
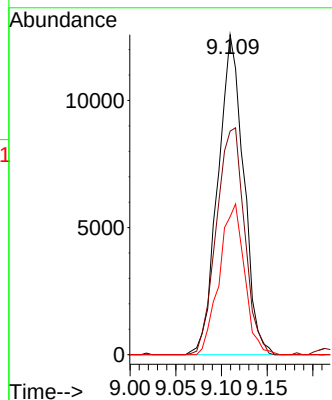
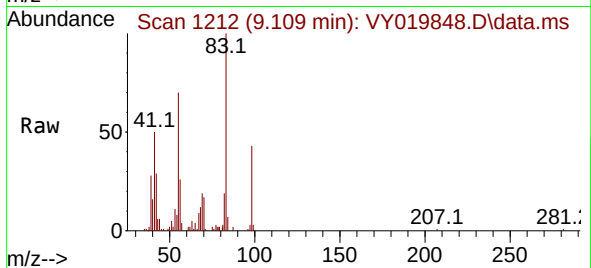
Tgt Ion: 83 Resp: 24609

Ion Ratio Lower Upper

83 100

55 69.9 63.7 95.5

98 43.1 38.3 57.5



#40

Benzene

Concen: 3.058 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY019848.D

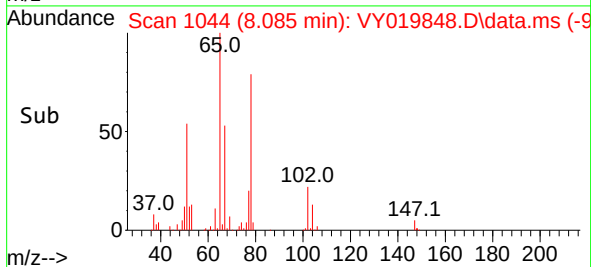
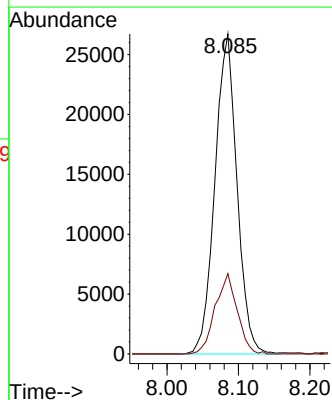
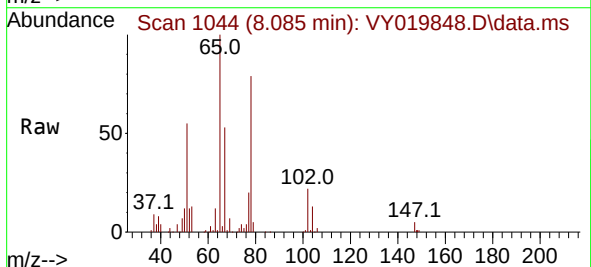
Acq: 10 Oct 2024 11:50

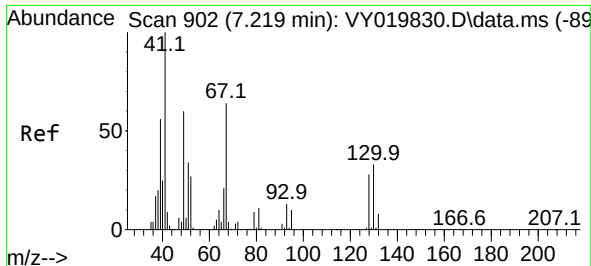
Tgt Ion: 78 Resp: 57311

Ion Ratio Lower Upper

78 100

77 25.1 19.6 29.4

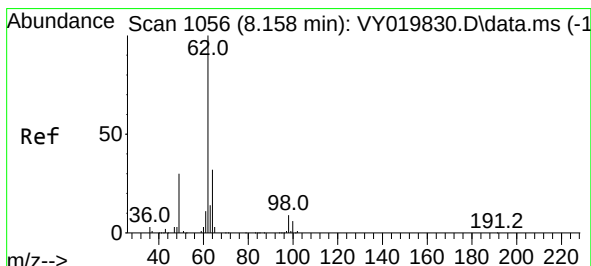
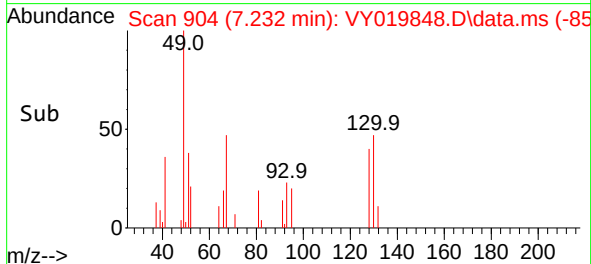
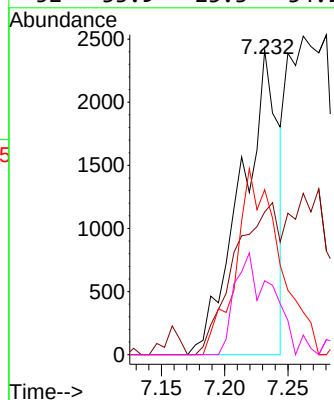
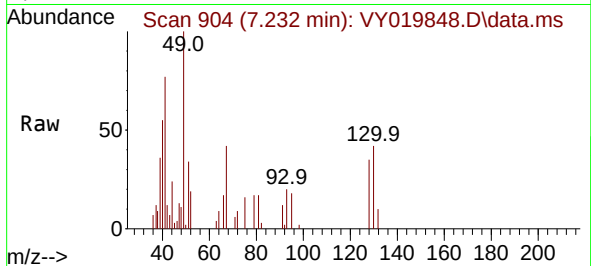




#41
Methacrylonitrile
Concen: 2.837 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

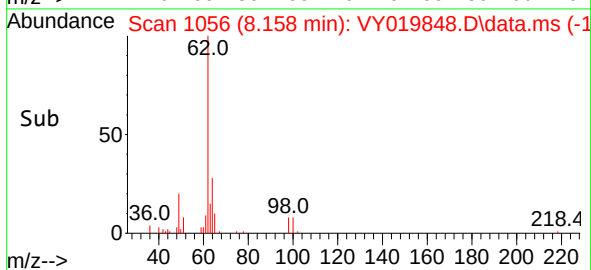
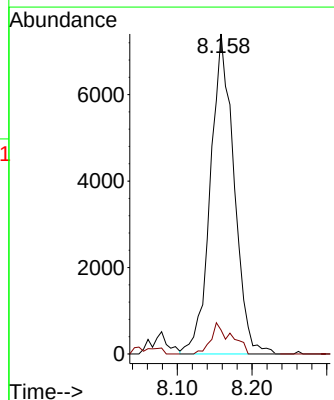
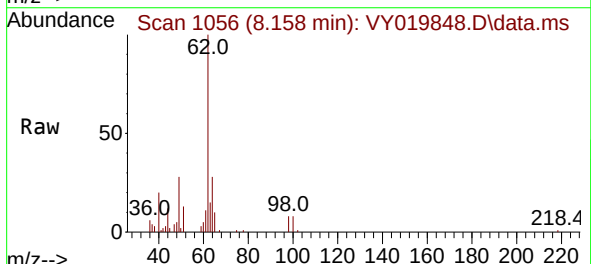
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

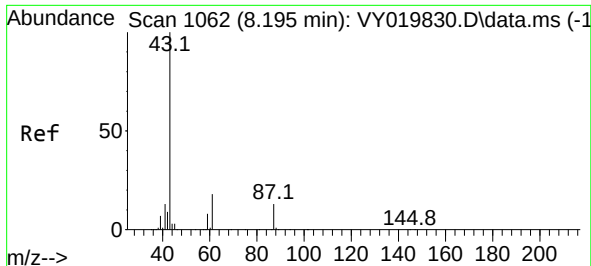
Tgt Ion:	41	Resp:	4957
Ion	Ratio	Lower	Upper
41	100		
39	59.7	43.9	65.9
67	71.6	53.2	79.8
52	33.9	23.3	34.9



#42
1,2-Dichloroethane
Concen: 3.018 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion:	62	Resp:	16248
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8

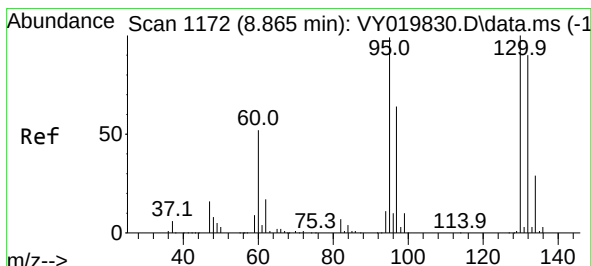
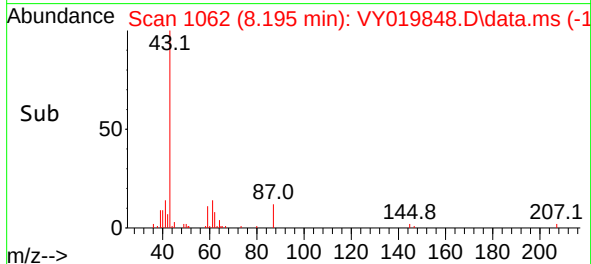
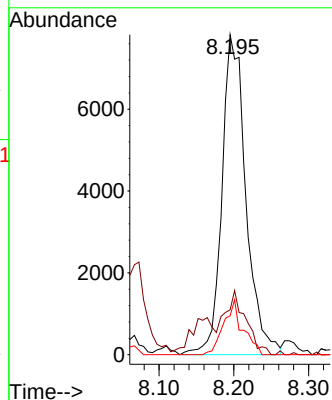
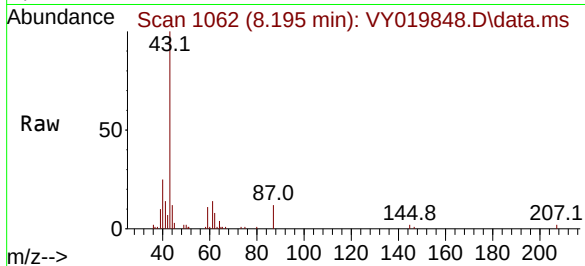




#43
Isopropyl Acetate
Concen: 2.655 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

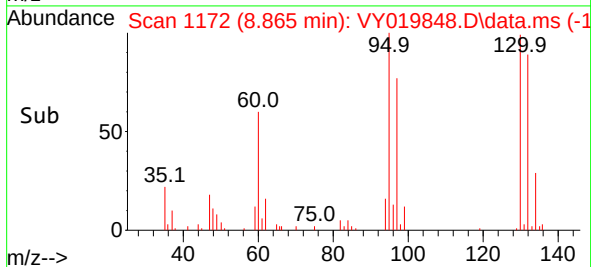
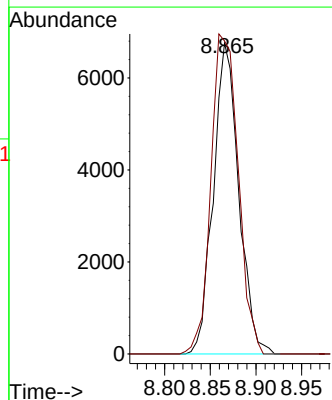
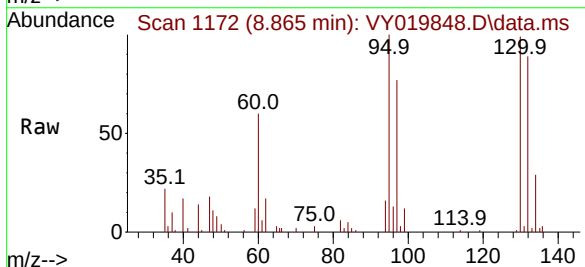
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

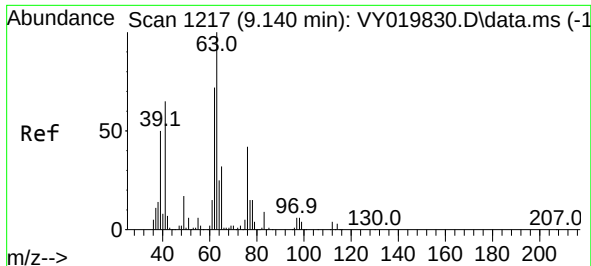
Tgt Ion:	43	Resp:	17480
Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.5	23.3
87	13.6	9.9	14.9



#44
Trichloroethene
Concen: 2.882 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion:	130	Resp:	13079
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	197.2





#45

1,2-Dichloropropane

Concen: 2.819 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

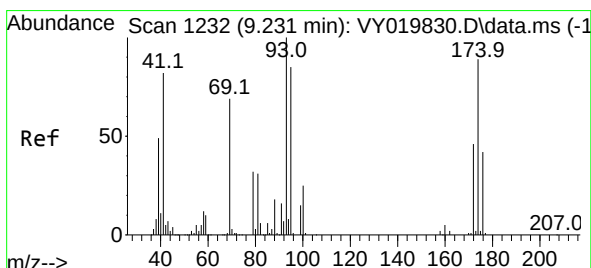
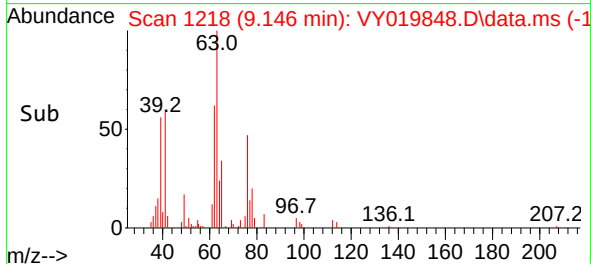
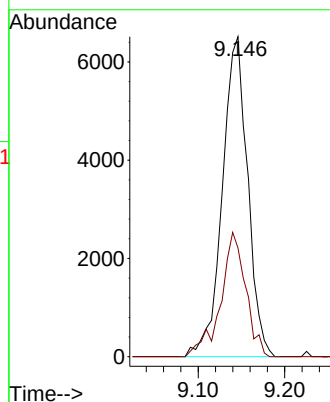
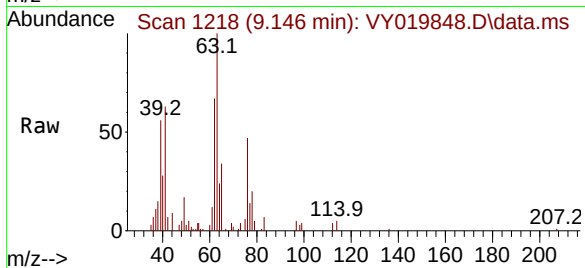
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 63 Resp: 13220

Ion Ratio Lower Upper

63 100

65 34.0 25.6 38.4



#46

Dibromomethane

Concen: 2.736 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

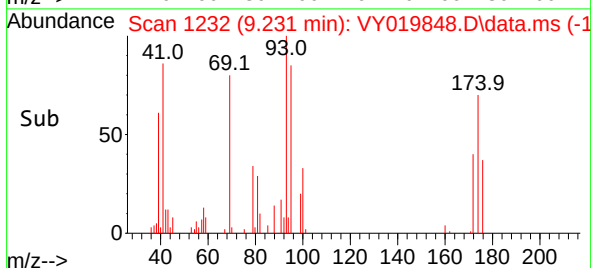
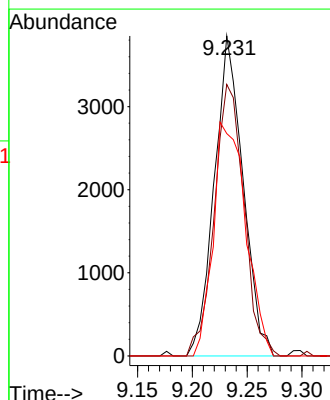
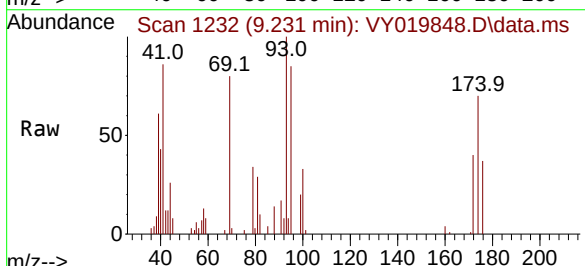
Tgt Ion: 93 Resp: 7011

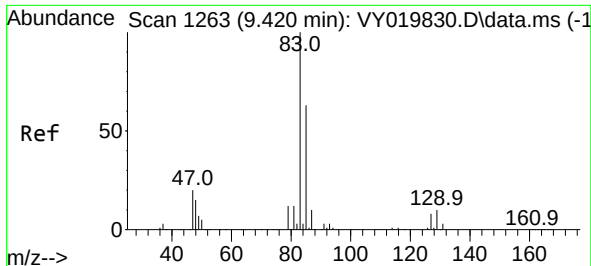
Ion Ratio Lower Upper

93 100

95 87.6 65.4 98.2

174 82.7 70.4 105.6

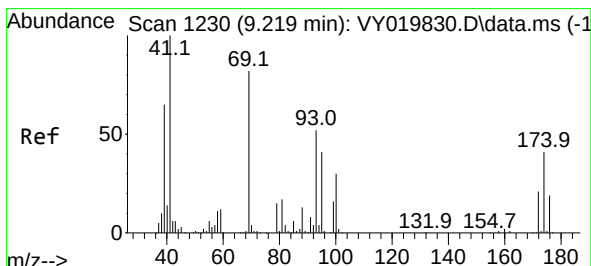
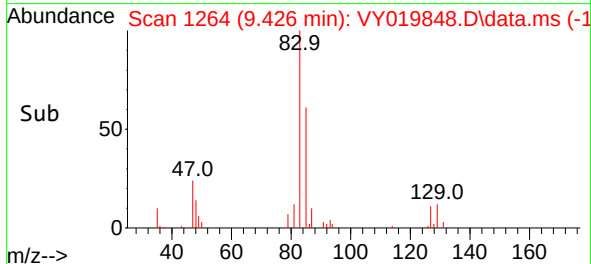
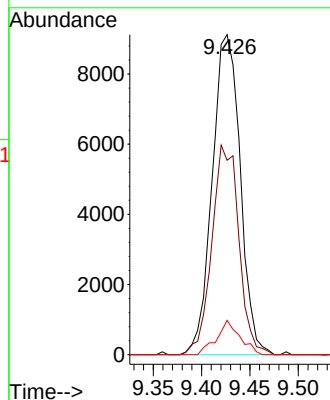
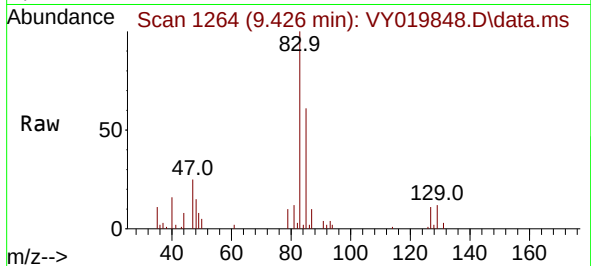




#47
Bromodichloromethane
Concen: 2.700 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

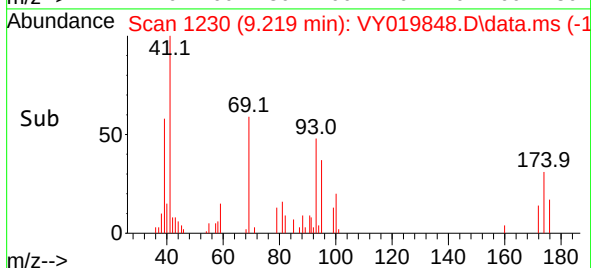
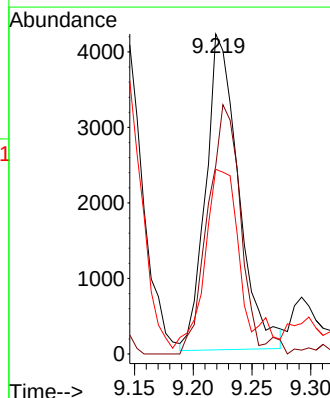
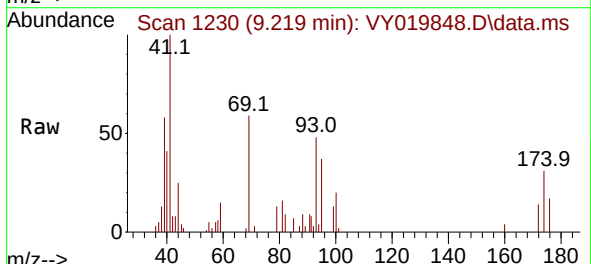
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

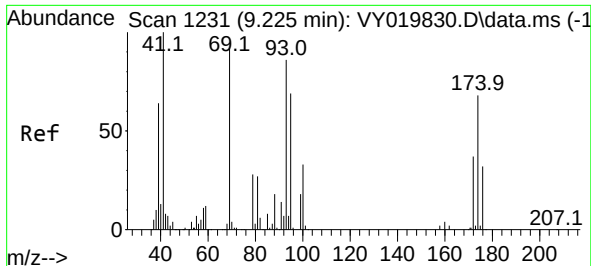
Tgt Ion: 83 Resp: 18364
Ion Ratio Lower Upper
83 100
85 60.8 50.2 75.2
127 10.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 2.799 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 41 Resp: 8106
Ion Ratio Lower Upper
41 100
69 77.6 66.3 99.5
39 60.2 50.2 75.4





#49

1,4-Dioxane

Concen: 54.601 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019848.D

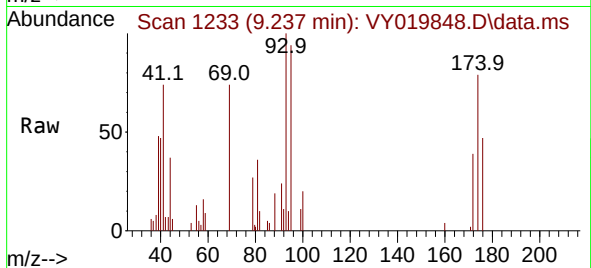
Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



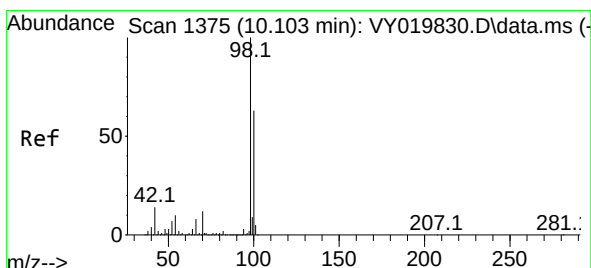
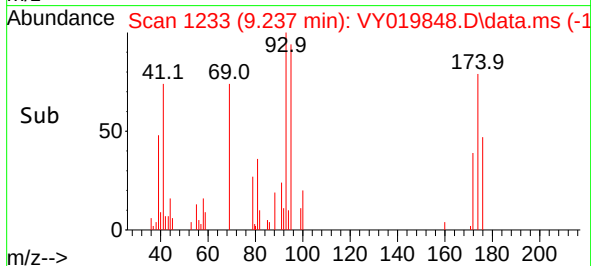
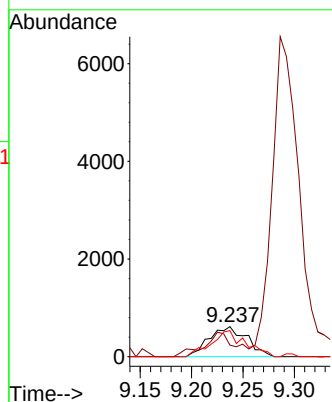
Tgt Ion: 88 Resp: 1566

Ion Ratio Lower Upper

88 100

43 66.3 28.5 42.7#

58 79.2 52.6 78.8#



#50

Toluene-d8

Concen: 49.230 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019848.D

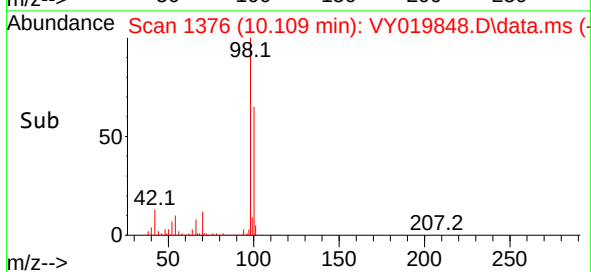
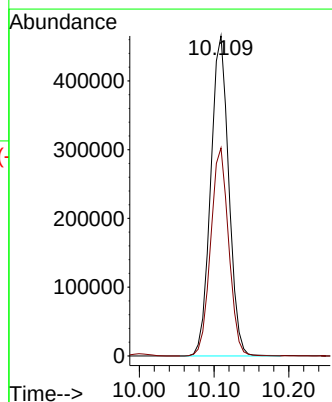
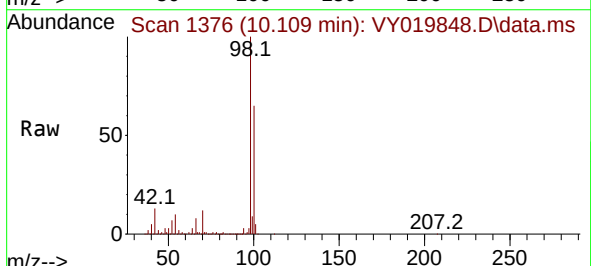
Acq: 10 Oct 2024 11:50

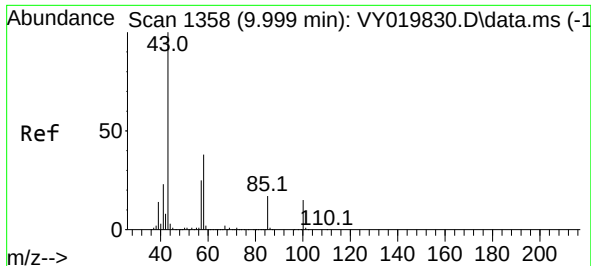
Tgt Ion: 98 Resp: 781351

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 12.497 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

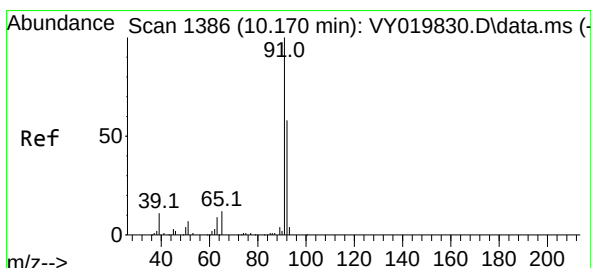
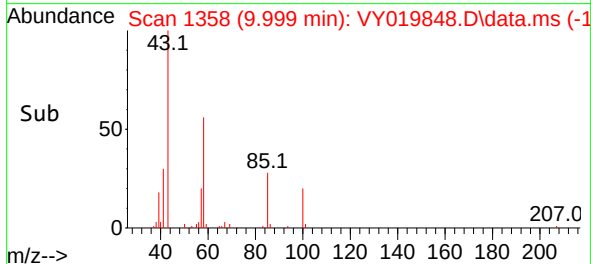
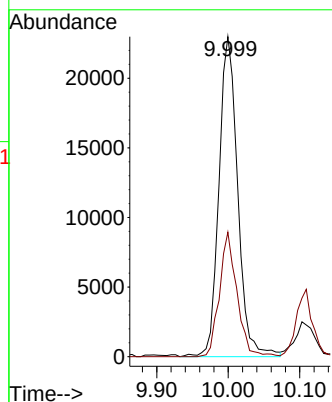
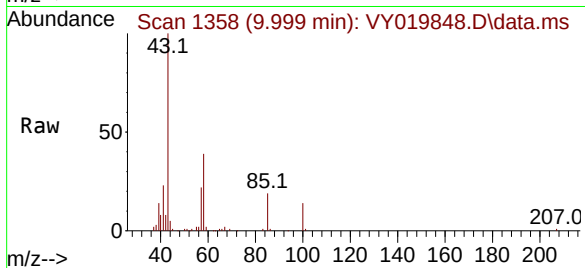
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 43 Resp: 41970

Ion Ratio Lower Upper

43 100

58 36.3 30.4 45.6



#52

Toluene

Concen: 3.098 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY019848.D

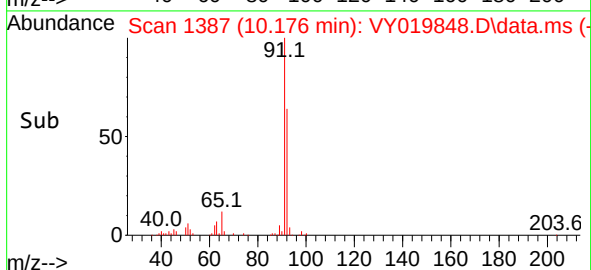
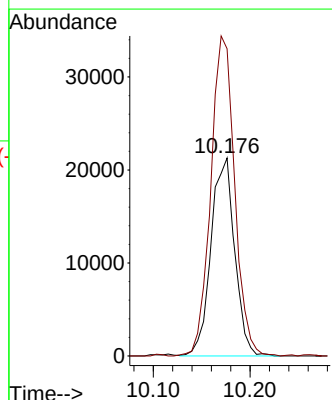
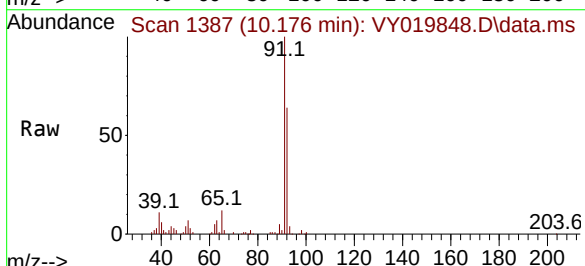
Acq: 10 Oct 2024 11:50

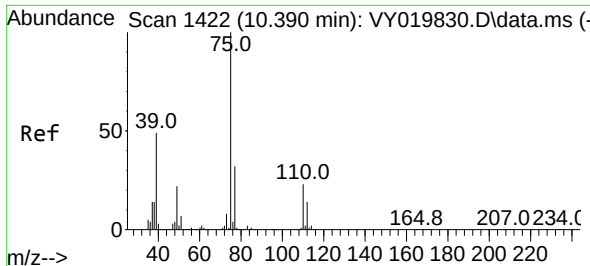
Tgt Ion: 92 Resp: 36239

Ion Ratio Lower Upper

92 100

91 163.1 139.2 208.8

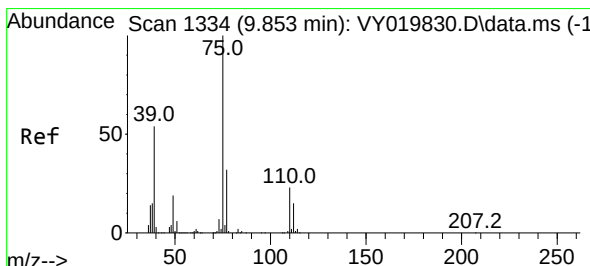
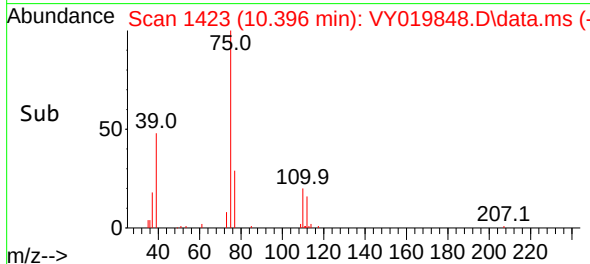
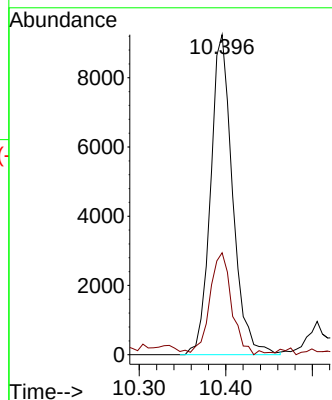
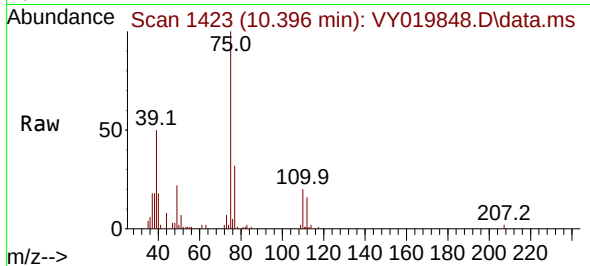




#53
 t-1,3-Dichloropropene
 Concen: 2.665 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY019848.D
 Acq: 10 Oct 2024 11:50

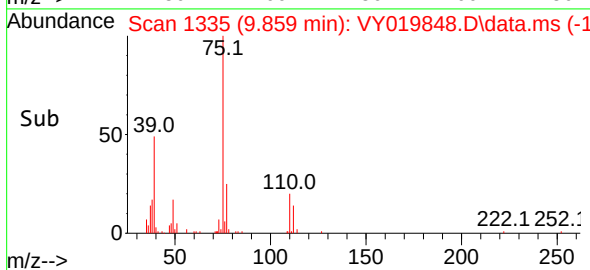
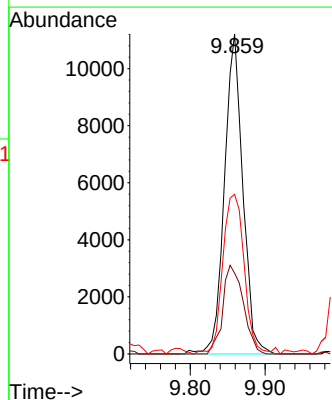
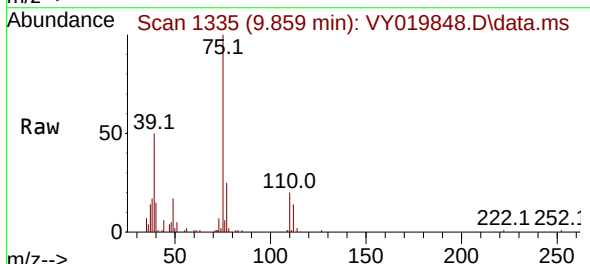
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

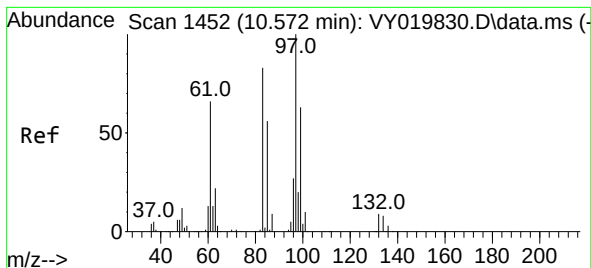
Tgt Ion: 75 Resp: 16308
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 2.657 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY019848.D
 Acq: 10 Oct 2024 11:50

Tgt Ion: 75 Resp: 19186
 Ion Ratio Lower Upper
 75 100
 77 25.3 25.4 38.2#
 39 49.9 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 2.634 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 97 Resp: 8894

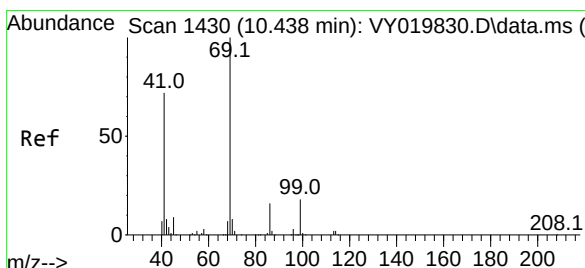
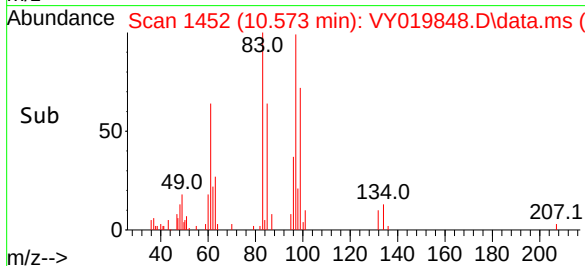
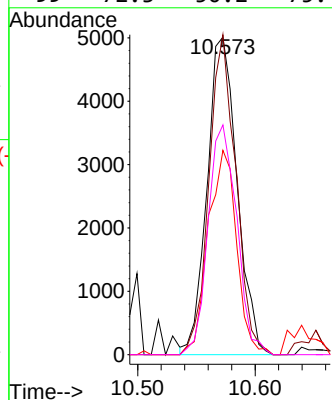
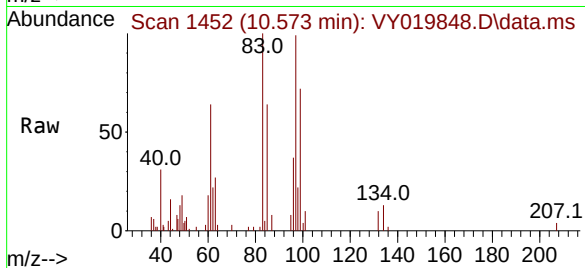
Ion Ratio Lower Upper

97 100

83 100.7 66.7 100.1#

85 64.3 45.0 67.4

99 72.3 50.2 75.4



#56

Ethyl methacrylate

Concen: 2.438 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

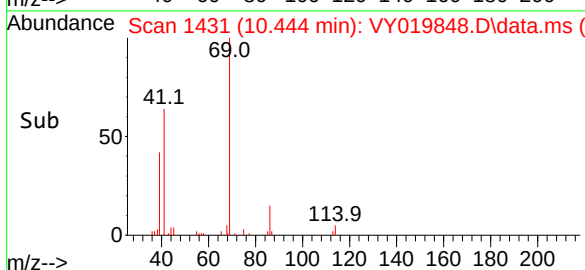
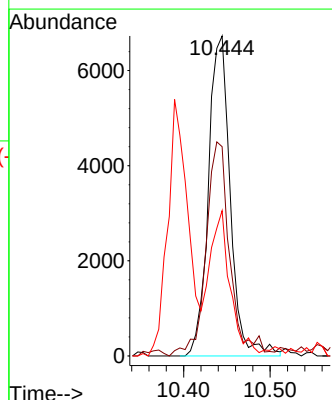
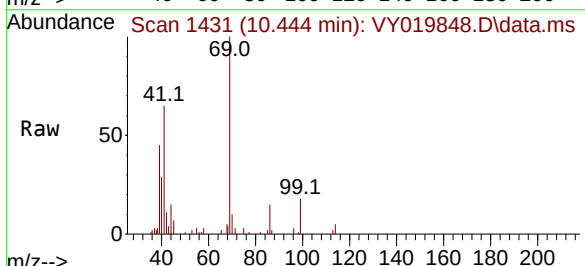
Tgt Ion: 69 Resp: 11809

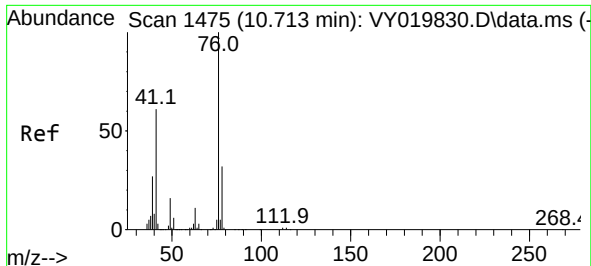
Ion Ratio Lower Upper

69 100

41 73.0 55.2 82.8

39 41.0 33.0 49.4





#57

1,3-Dichloropropane

Concen: 2.773 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

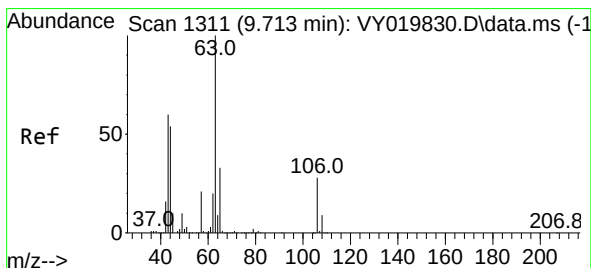
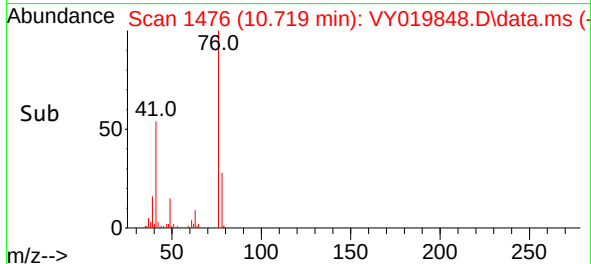
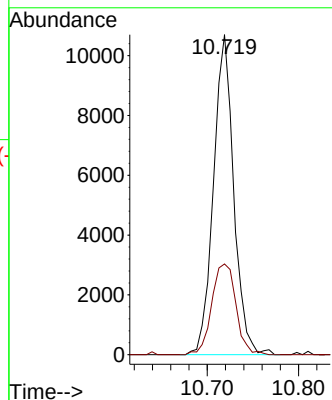
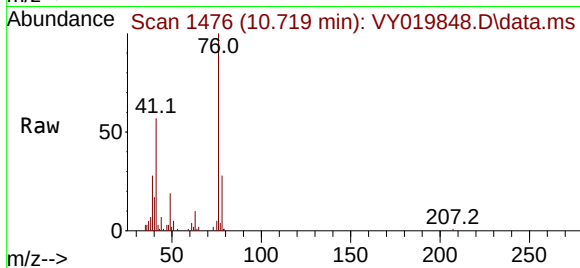
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 76 Resp: 16441

Ion Ratio Lower Upper

76 100

78 33.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 13.564 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019848.D

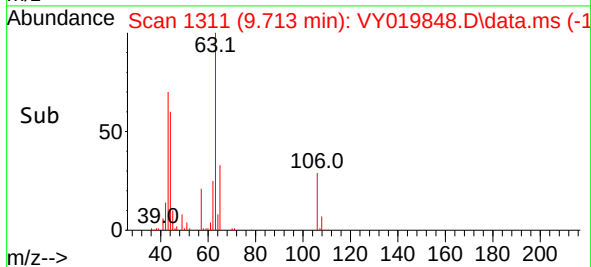
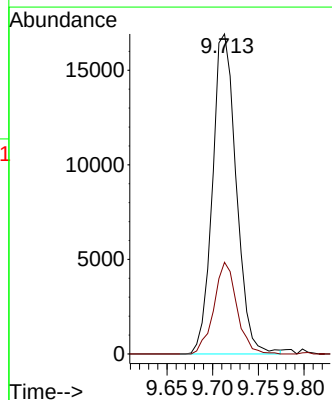
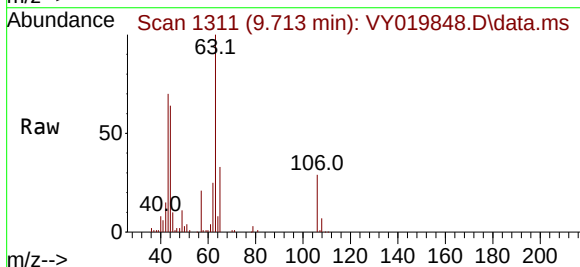
Acq: 10 Oct 2024 11:50

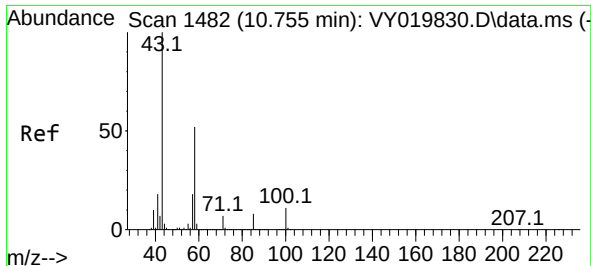
Tgt Ion: 63 Resp: 30590

Ion Ratio Lower Upper

63 100

106 27.7 21.7 32.5





#59

2-Hexanone

Concen: 11.329 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

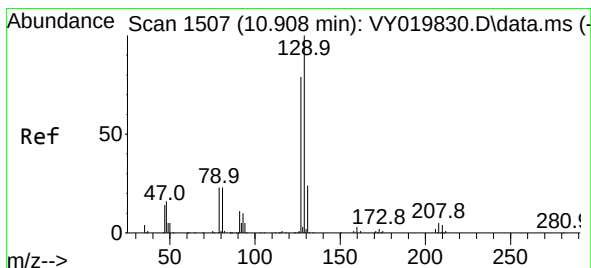
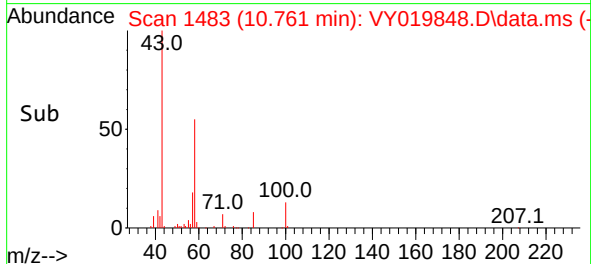
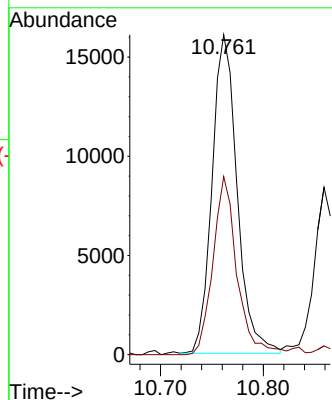
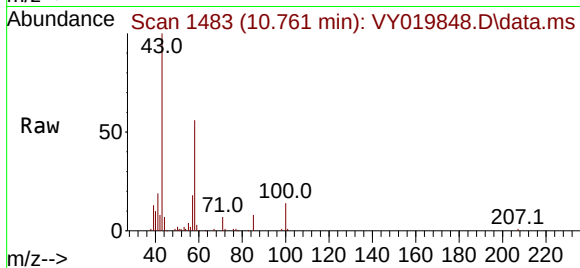
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 43 Resp: 27175

Ion Ratio Lower Upper

43 100

58 53.5 26.4 79.2



#60

Dibromochloromethane

Concen: 2.727 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019848.D

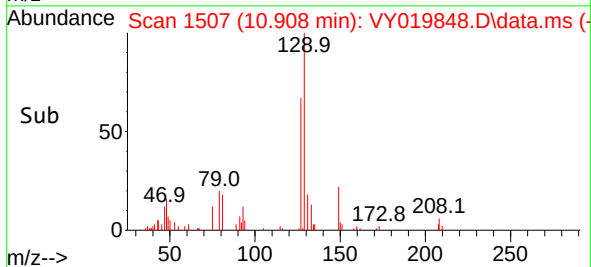
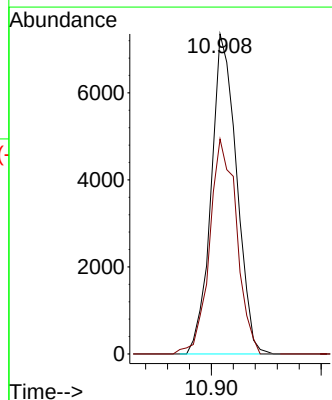
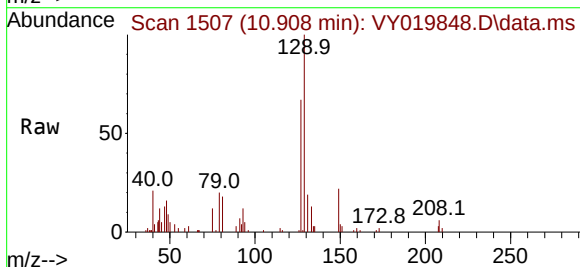
Acq: 10 Oct 2024 11:50

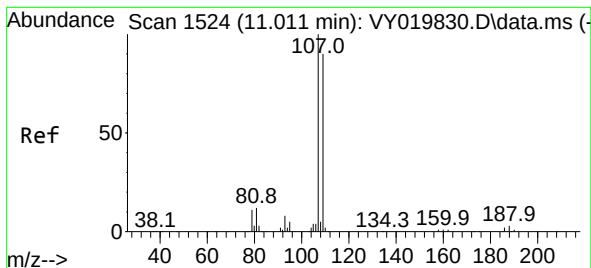
Tgt Ion: 129 Resp: 11819

Ion Ratio Lower Upper

129 100

127 71.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 2.785 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

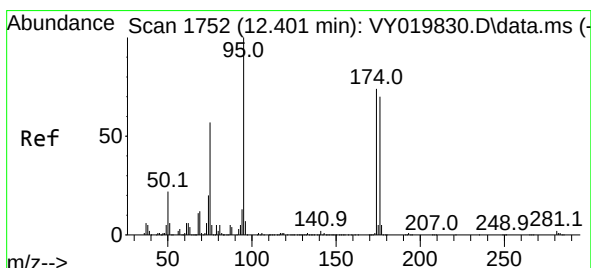
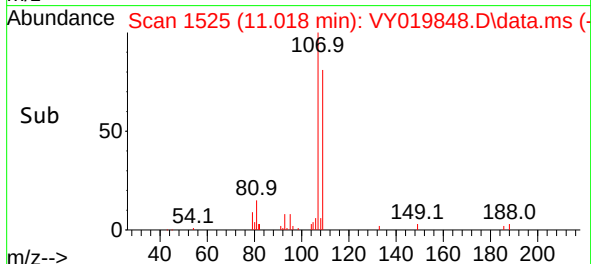
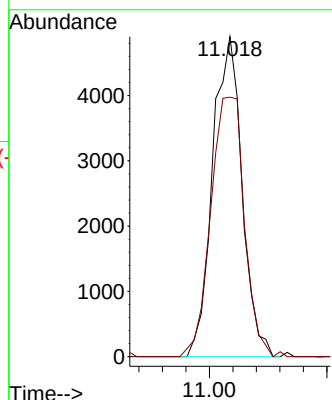
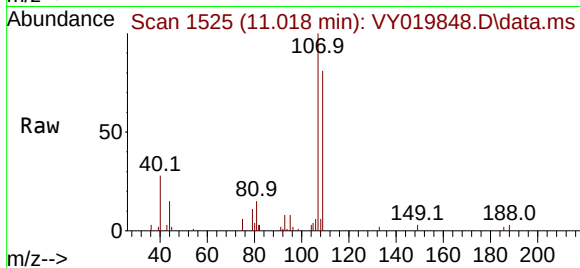
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:107 Resp: 8498

Ion Ratio Lower Upper

107 100

109 92.9 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 46.237 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

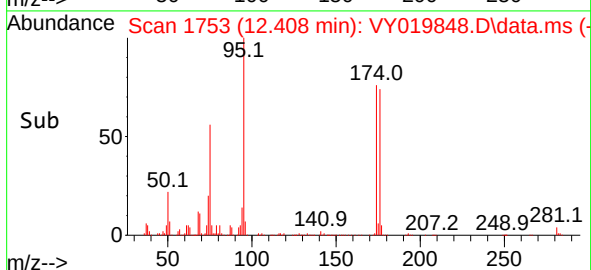
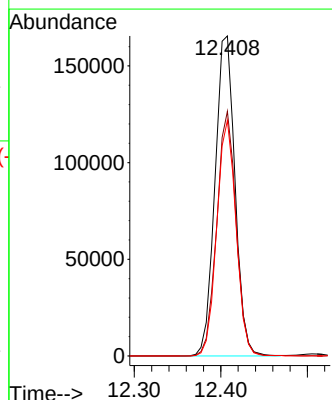
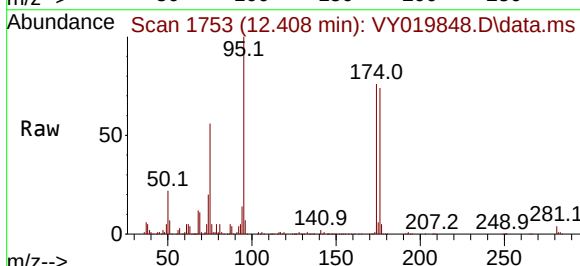
Tgt Ion: 95 Resp: 265161

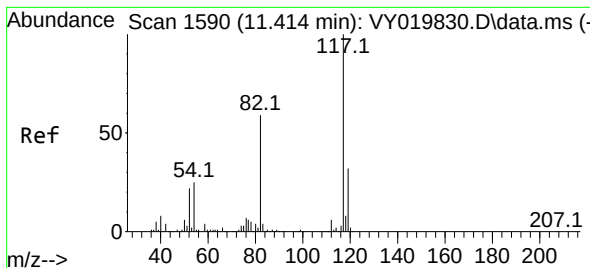
Ion Ratio Lower Upper

95 100

174 74.1 0.0 148.0

176 70.8 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

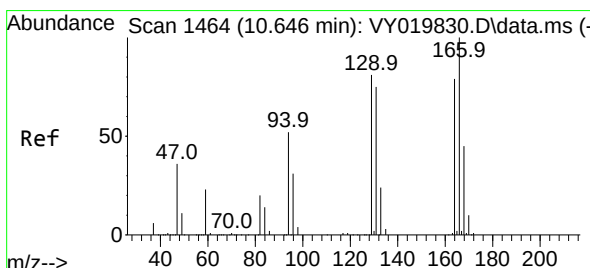
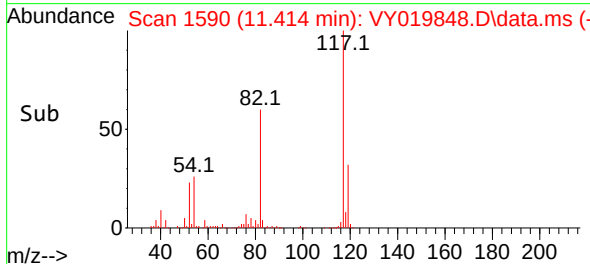
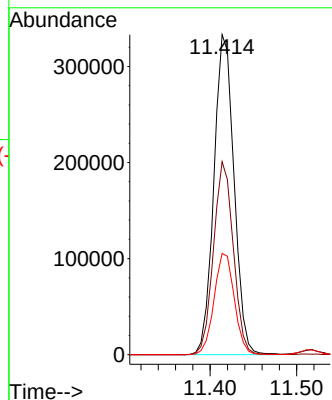
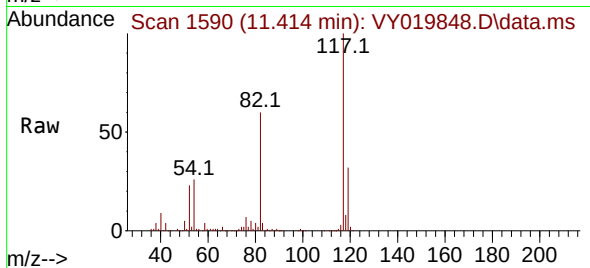
Tgt Ion:117 Resp: 538985

Ion Ratio Lower Upper

117 100

82 60.3 46.9 70.3

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 3.154 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Tgt Ion:164 Resp: 12091

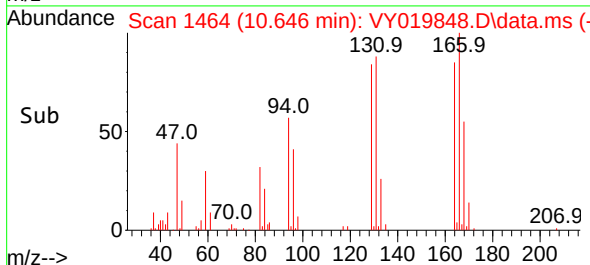
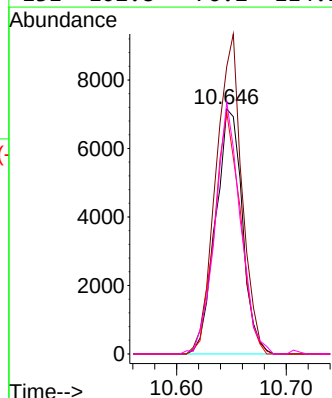
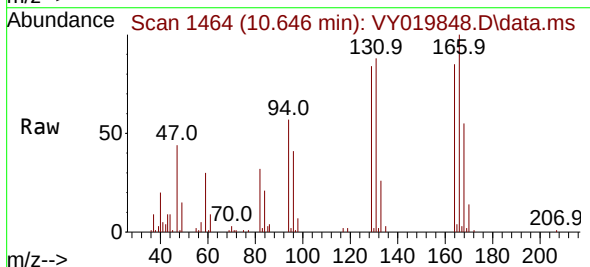
Ion Ratio Lower Upper

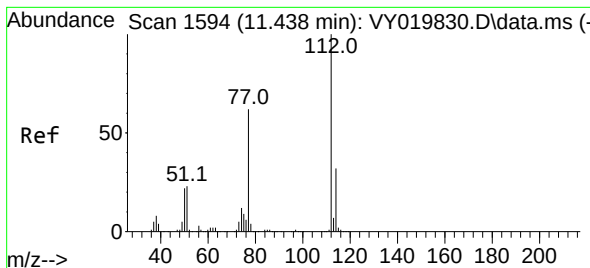
164 100

166 117.4 101.0 151.6

129 98.6 81.4 122.2

131 102.8 76.2 114.2





#65

Chlorobenzene

Concen: 2.969 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

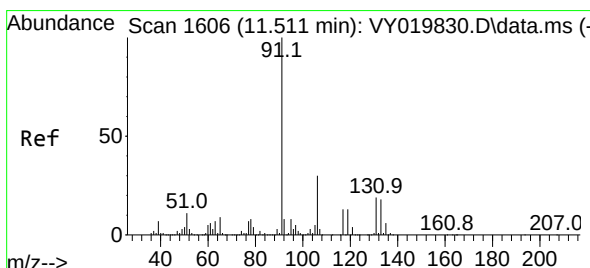
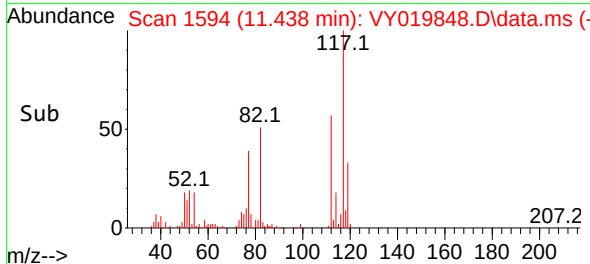
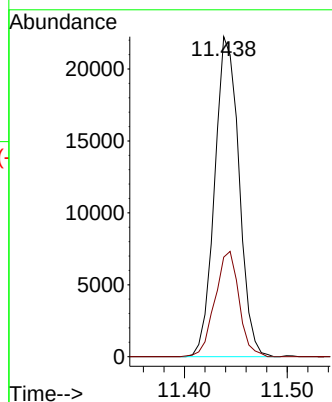
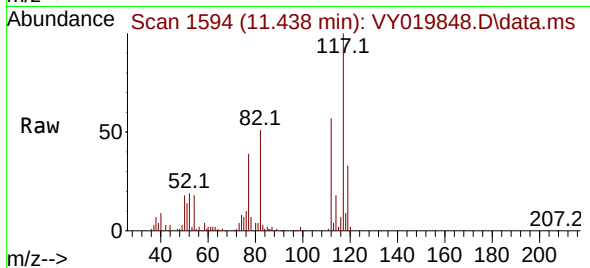
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:112 Resp: 36598

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.779 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

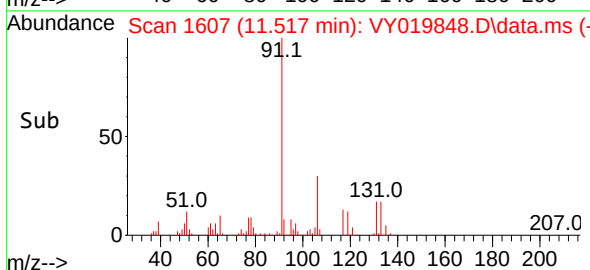
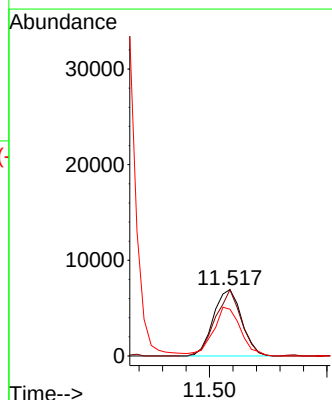
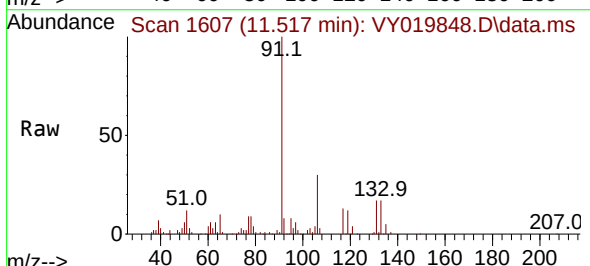
Tgt Ion:131 Resp: 11593

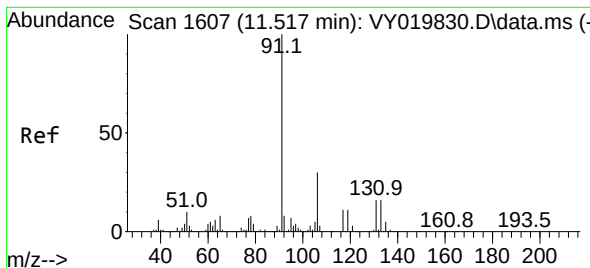
Ion Ratio Lower Upper

131 100

133 91.8 48.0 144.0

119 71.1 33.4 100.1





#67

Ethyl Benzene

Concen: 2.960 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

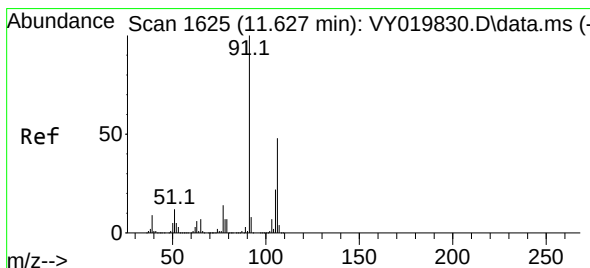
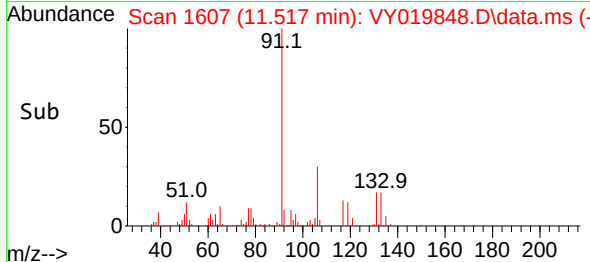
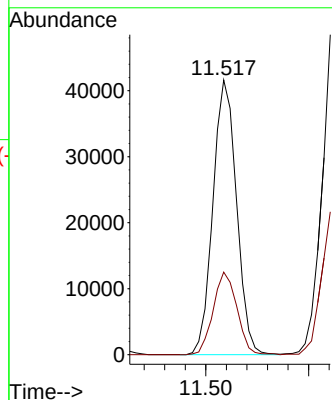
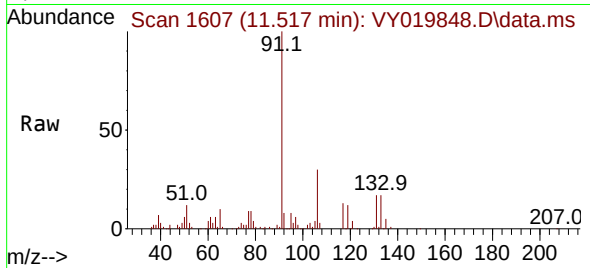
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion: 91 Resp: 66283

Ion Ratio Lower Upper

91 100

106 30.0 23.7 35.5



#68

m/p-Xylenes

Concen: 5.976 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019848.D

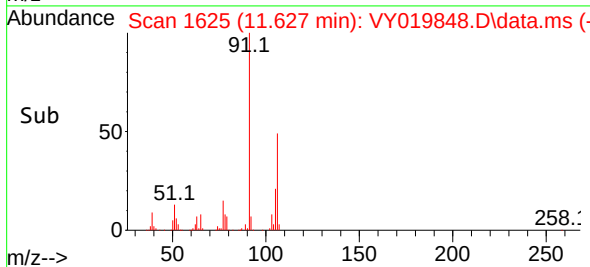
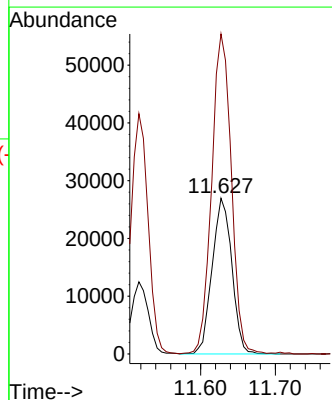
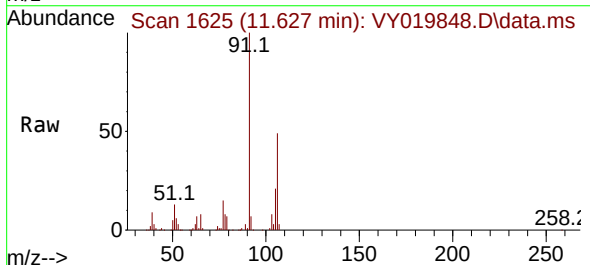
Acq: 10 Oct 2024 11:50

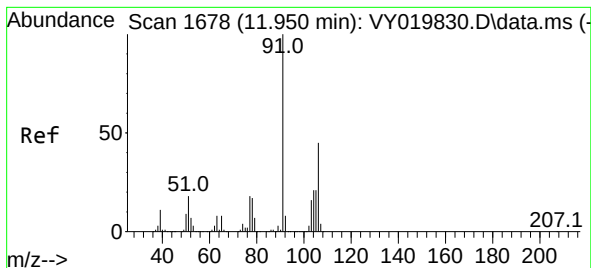
Tgt Ion:106 Resp: 49428

Ion Ratio Lower Upper

106 100

91 204.2 165.7 248.5





#69

o-Xylene

Concen: 2.876 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

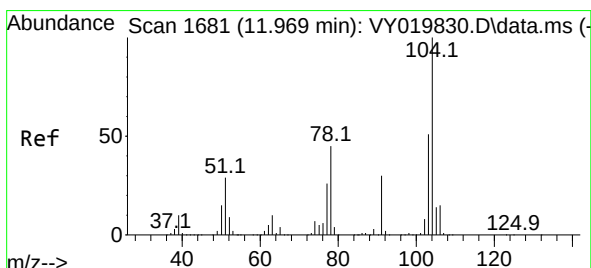
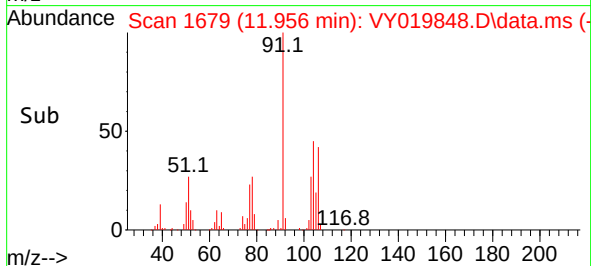
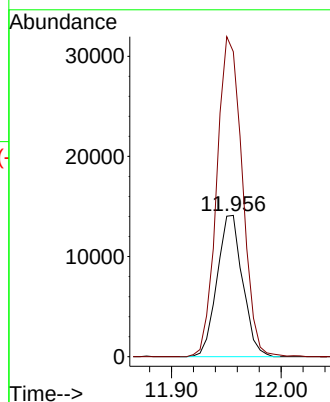
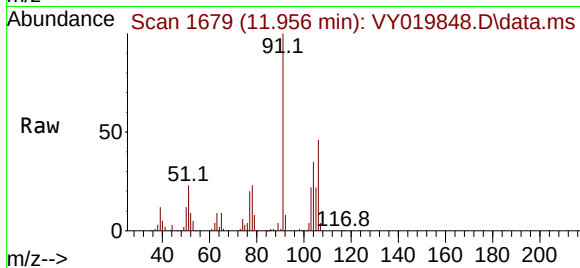
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:106 Resp: 22853

Ion Ratio Lower Upper

106 100

91 226.2 109.5 328.4



#70

Styrene

Concen: 2.631 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

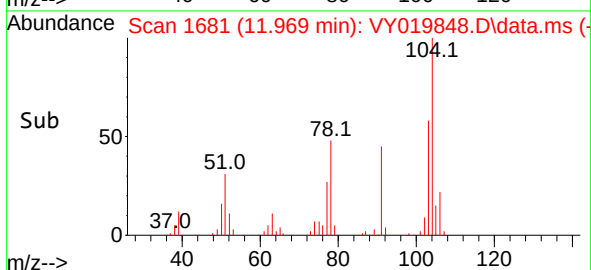
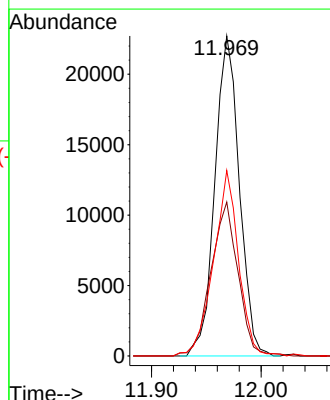
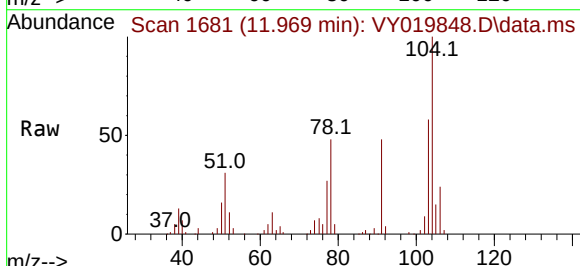
Tgt Ion:104 Resp: 35273

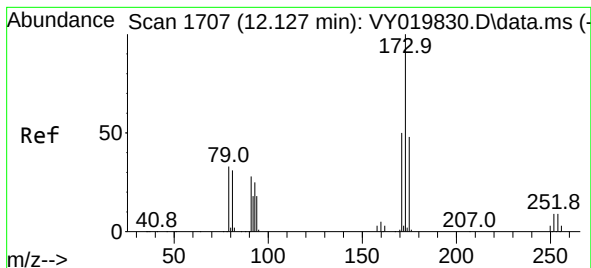
Ion Ratio Lower Upper

104 100

78 53.4 41.9 62.9

103 59.2 43.7 65.5





#71

Bromoform

Concen: 2.721 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

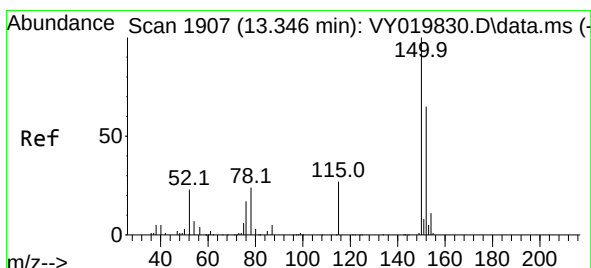
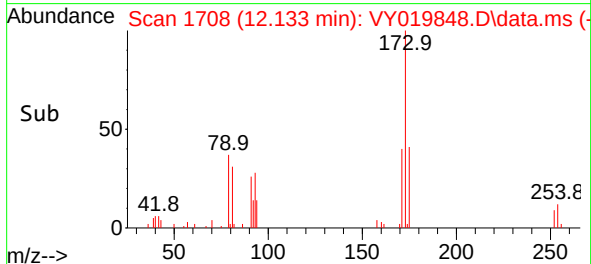
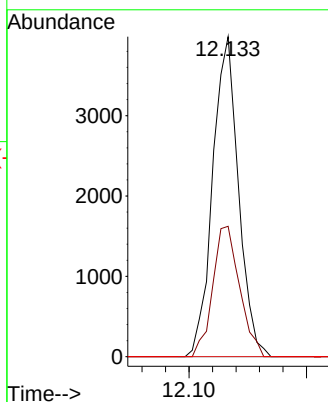
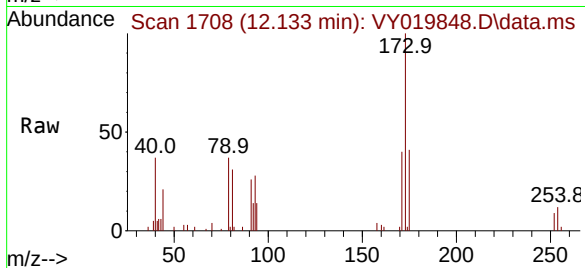
Tgt Ion:173 Resp: 6076

Ion Ratio Lower Upper

173 100

175 42.5 23.6 71.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

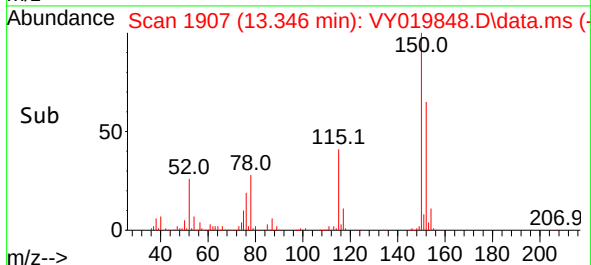
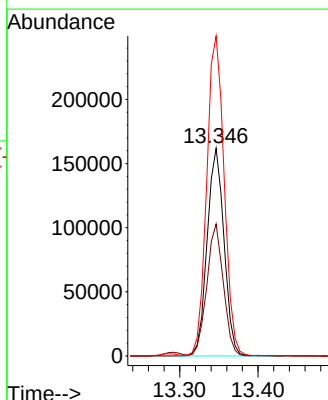
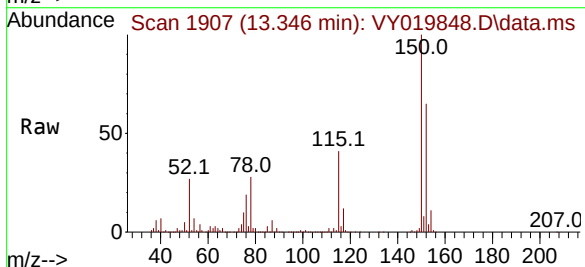
Tgt Ion:152 Resp: 242119

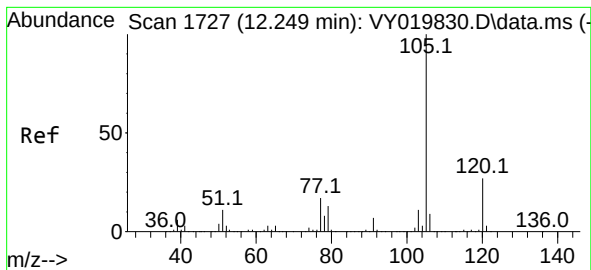
Ion Ratio Lower Upper

152 100

115 62.2 30.8 92.3

150 158.8 0.0 352.8





#73

Isopropylbenzene

Concen: 2.988 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

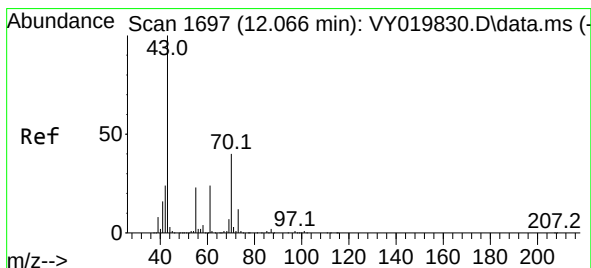
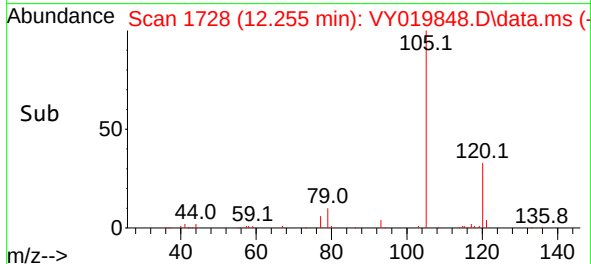
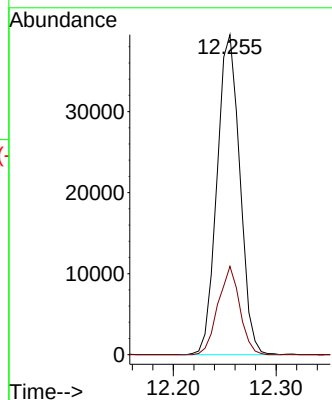
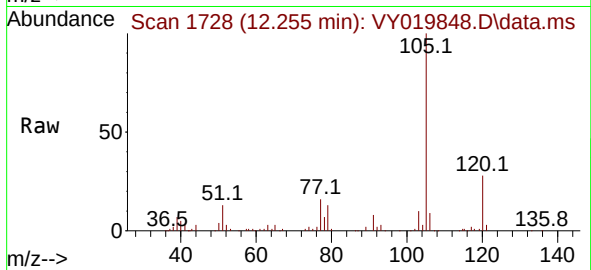
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:105 Resp: 60857

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 2.626 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Tgt Ion: 43 Resp: 14163

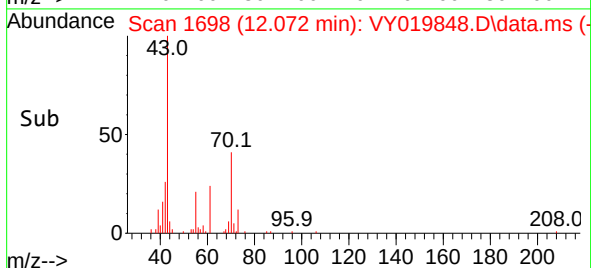
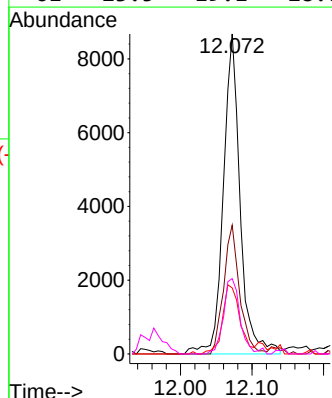
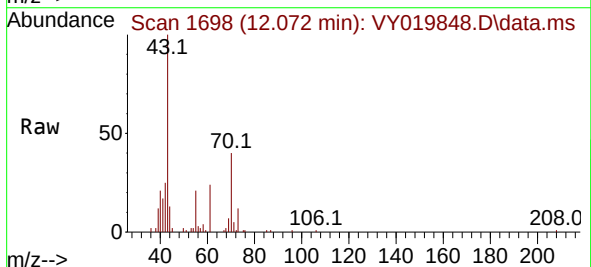
Ion Ratio Lower Upper

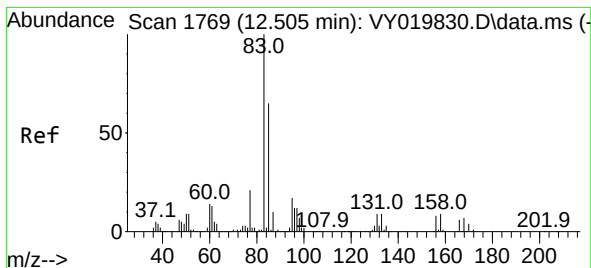
43 100

70 38.4 32.8 49.2

55 22.3 19.3 28.9

61 23.5 19.1 28.7

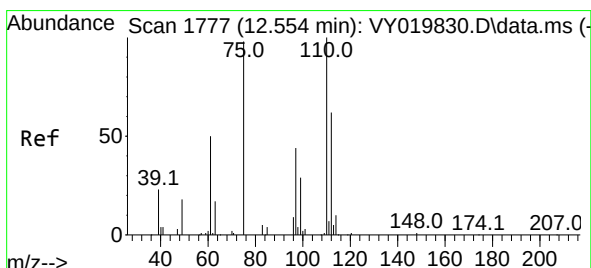
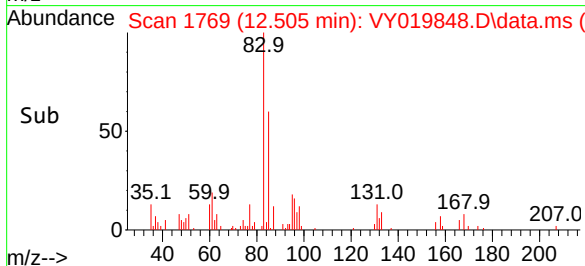
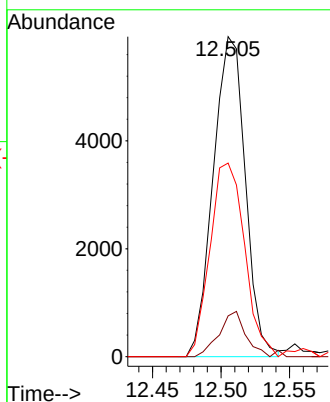
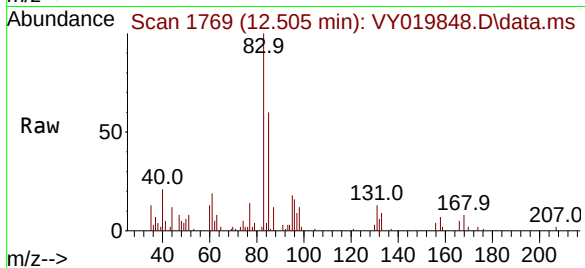




#75
1,1,2,2-Tetrachloroethane
Concen: 2.674 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

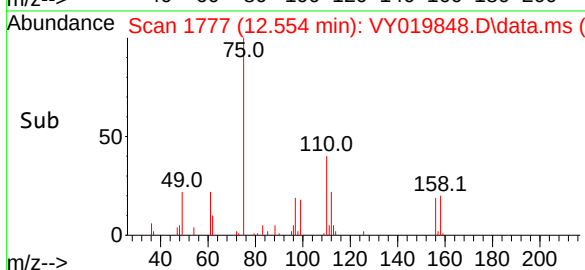
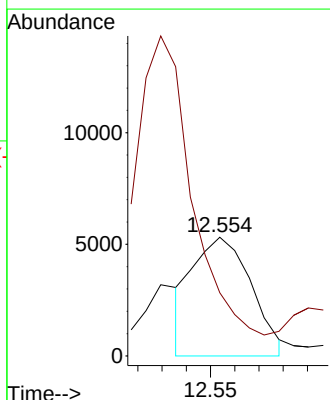
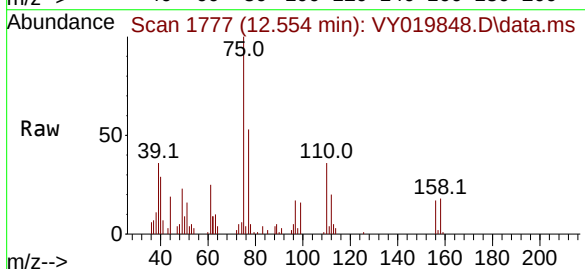
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

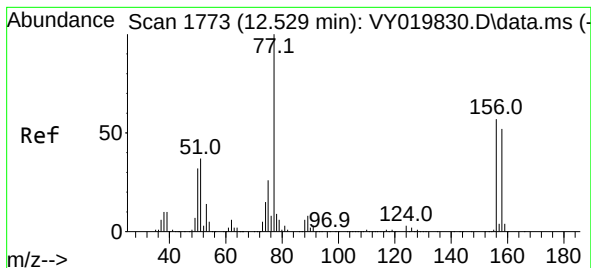
Tgt Ion: 83 Resp: 9675
Ion Ratio Lower Upper
83 100
131 12.1 4.9 14.6
85 65.0 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 3.554 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 75 Resp: 8960
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.988 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

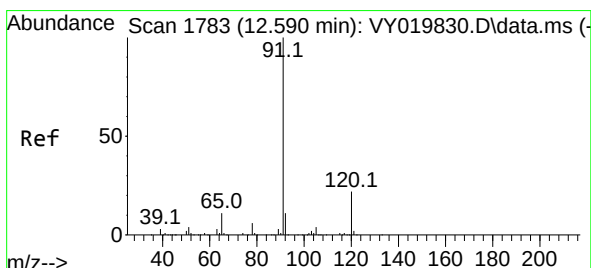
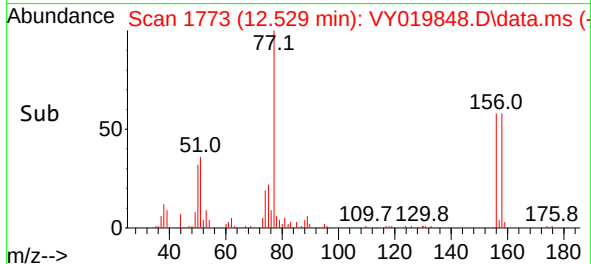
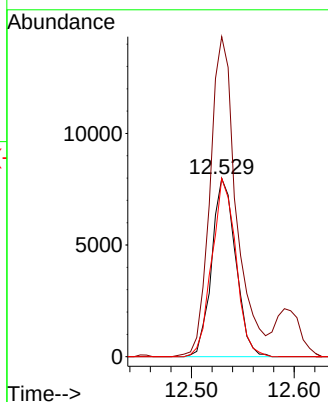
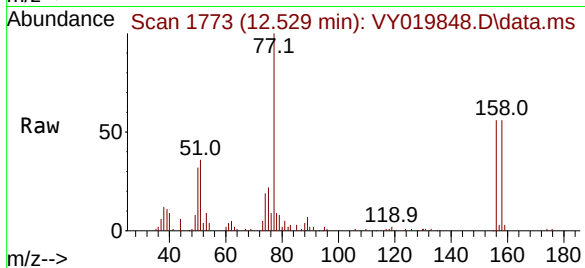
Tgt Ion:156 Resp: 12914

Ion Ratio Lower Upper

156 100

77 196.7 101.3 303.9

158 100.3 47.9 143.6



#78

n-propylbenzene

Concen: 3.056 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY019848.D

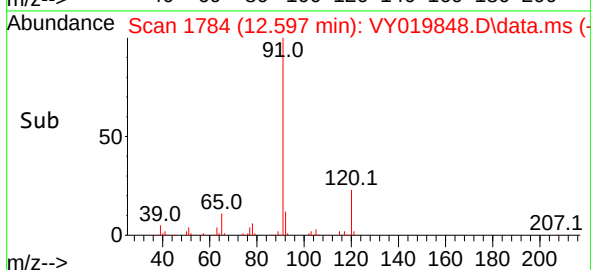
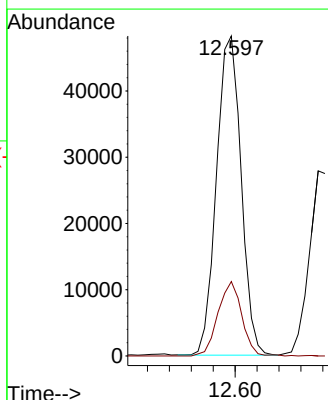
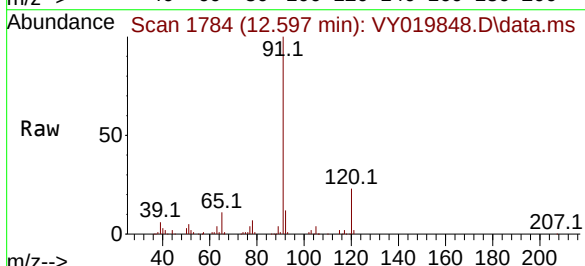
Acq: 10 Oct 2024 11:50

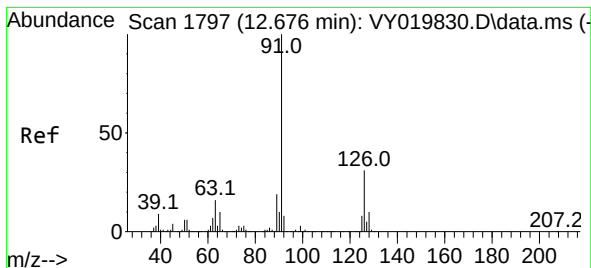
Tgt Ion: 91 Resp: 75193

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4

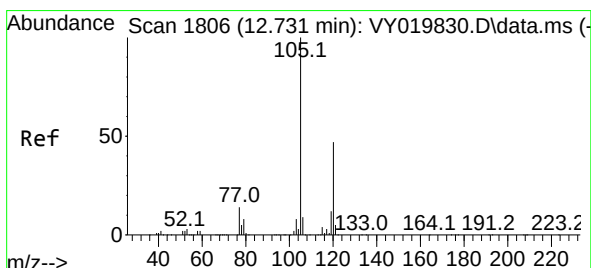
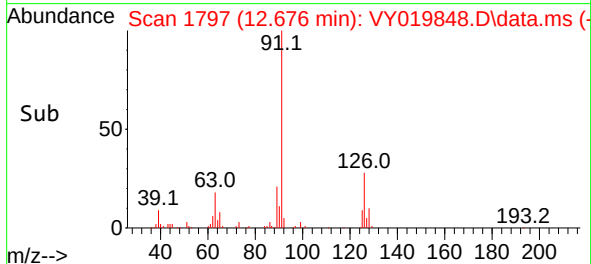
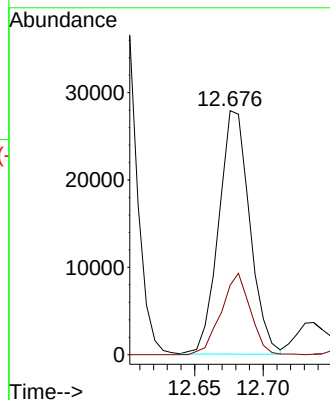
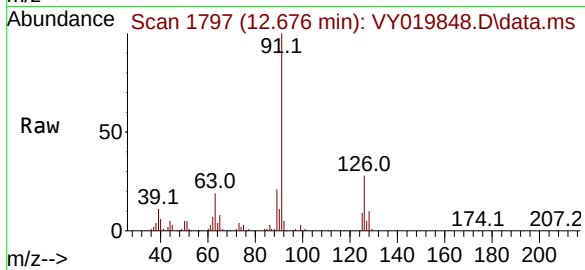




#79
2-Chlorotoluene
Concen: 3.123 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

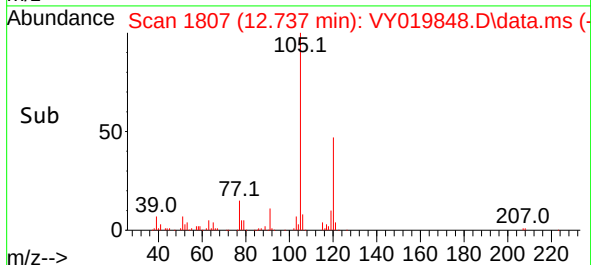
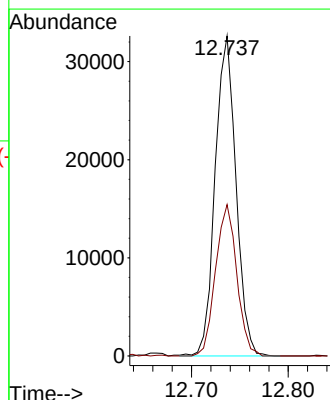
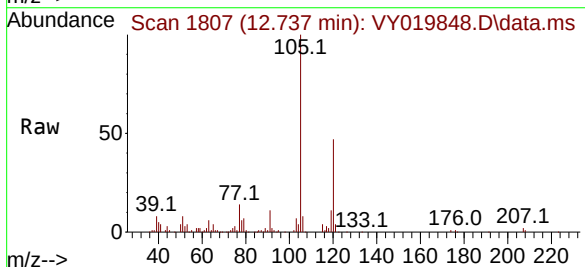
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

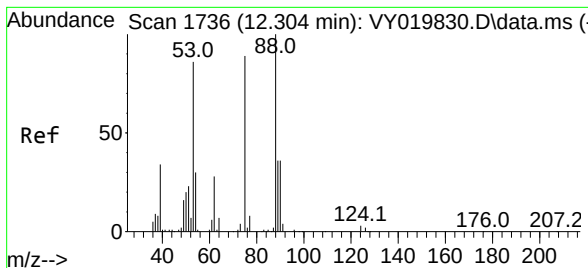
Tgt Ion: 91 Resp: 44059
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 2.961 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion: 105 Resp: 48692
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.5

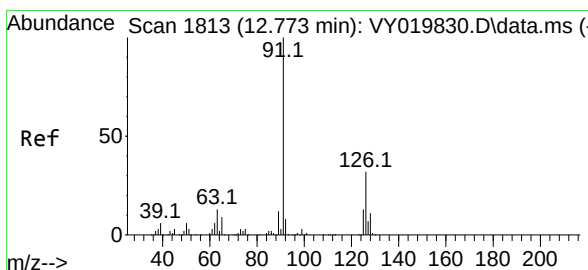
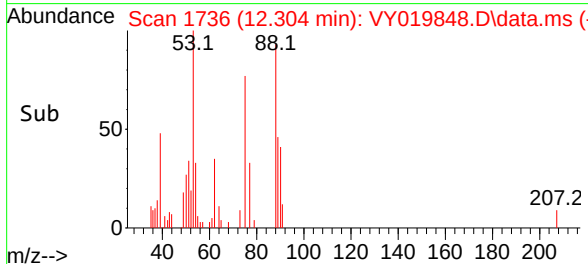
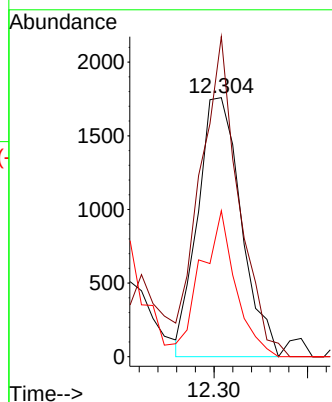
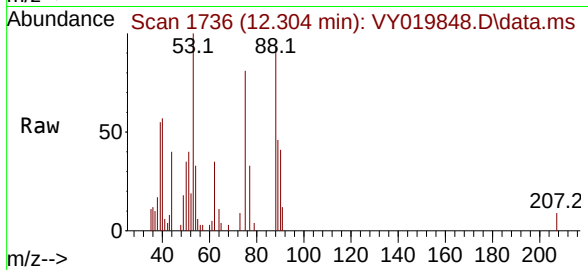




#81
trans-1,4-Dichloro-2-butene
Concen: 2.415 ug/l m
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

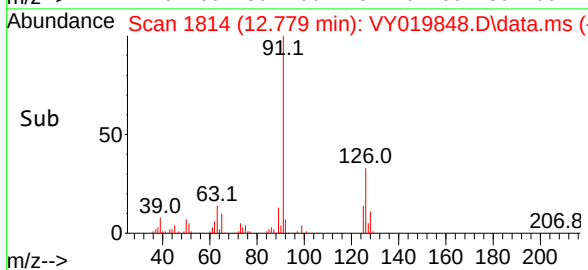
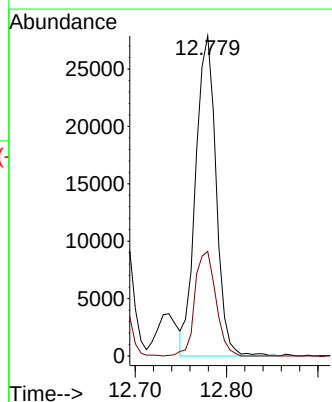
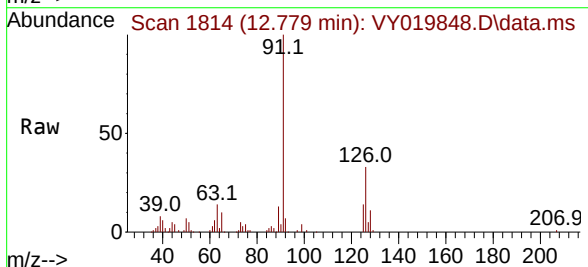
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

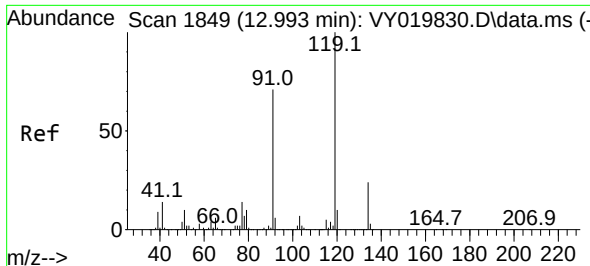
Tgt Ion	75	Resp:	2838
Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.7	127.1#
89	8.4	35.4	53.2#



#82
4-Chlorotoluene
Concen: 3.004 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion	91	Resp:	43337
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.1	48.3

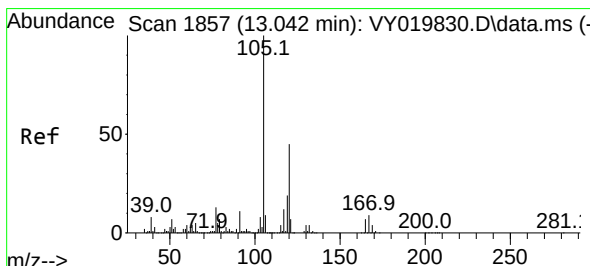
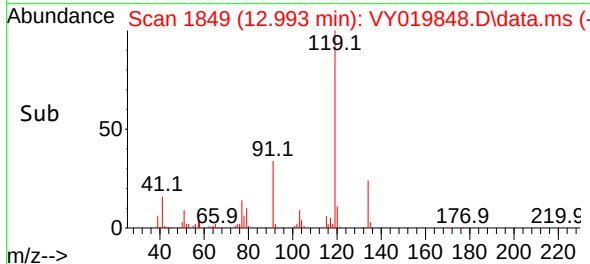
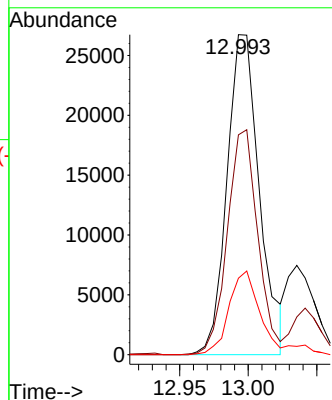
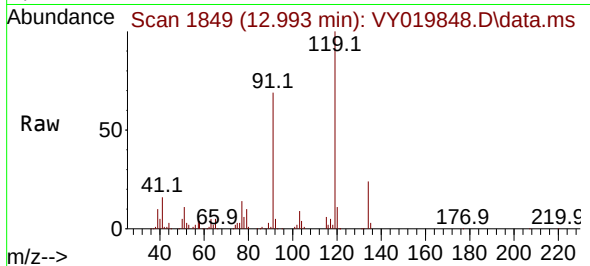




#83
tert-Butylbenzene
Concen: 2.994 ug/l
RT: 12.993 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

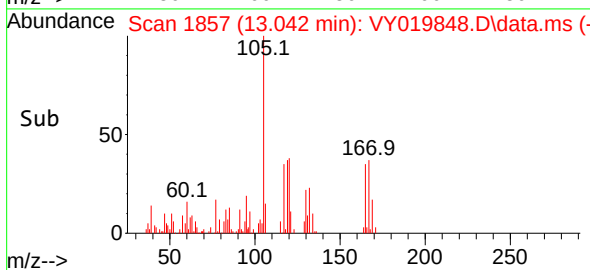
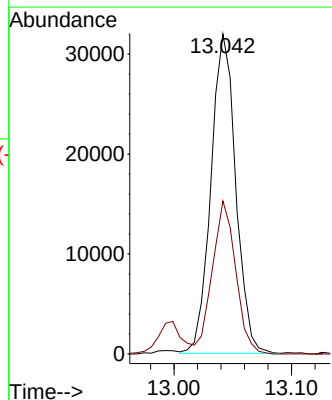
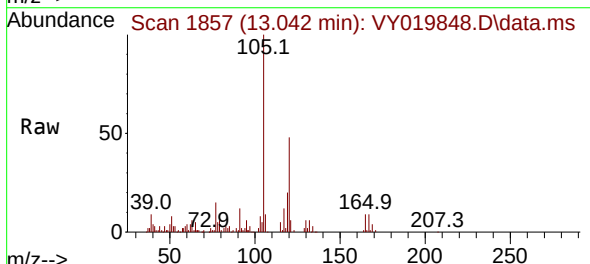
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

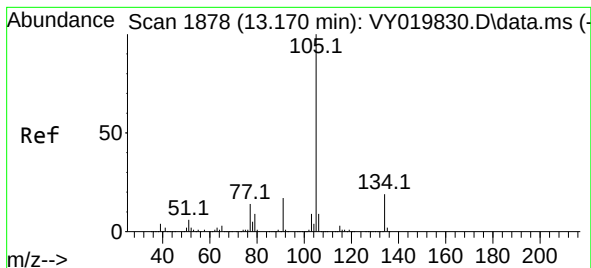
Tgt Ion:	119	Resp:	44115
Ion	Ratio	Lower	Upper
119	100		
91	66.1	34.6	103.8
134	26.7	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 2.872 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion:	105	Resp:	46824
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.1	66.3





#85

sec-Butylbenzene

Concen: 2.926 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

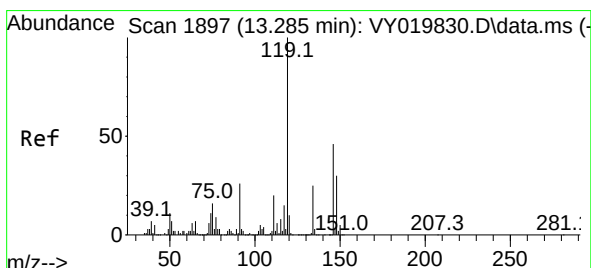
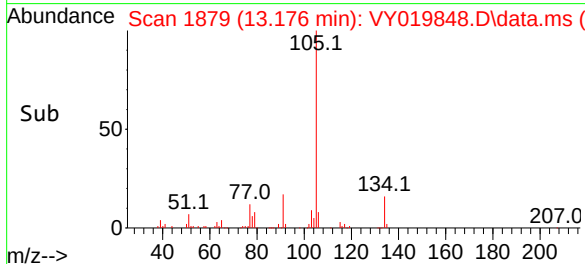
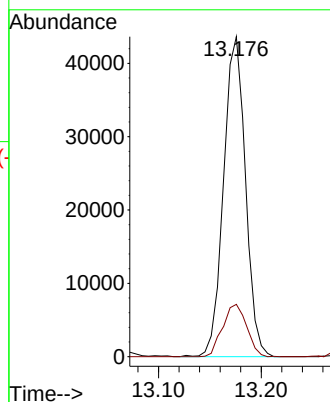
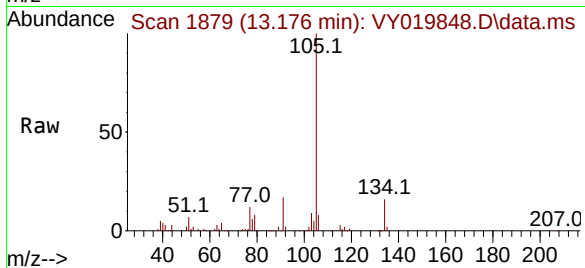
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:105 Resp: 64404

Ion Ratio Lower Upper

105 100

134 18.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 2.829 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

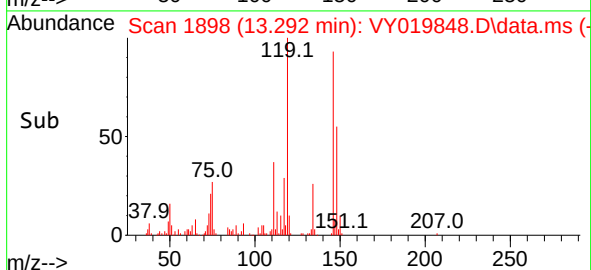
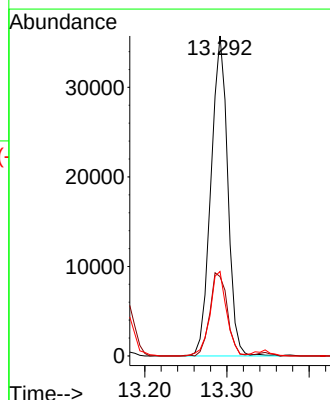
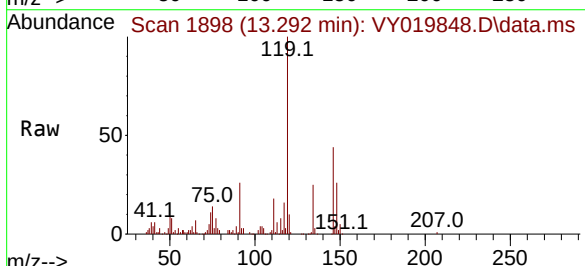
Tgt Ion:119 Resp: 50562

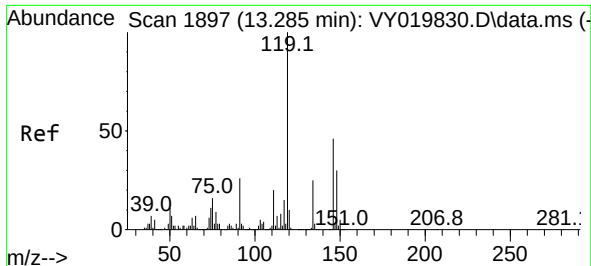
Ion Ratio Lower Upper

119 100

134 27.1 12.8 38.3

91 26.3 12.7 38.0

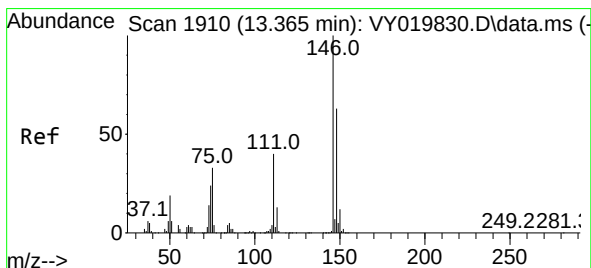
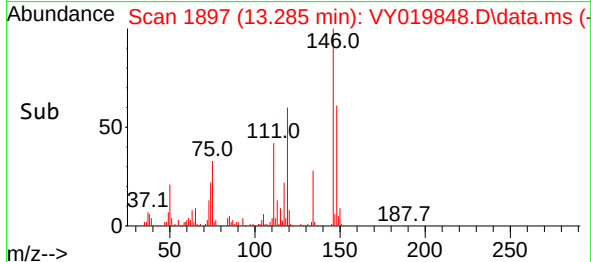
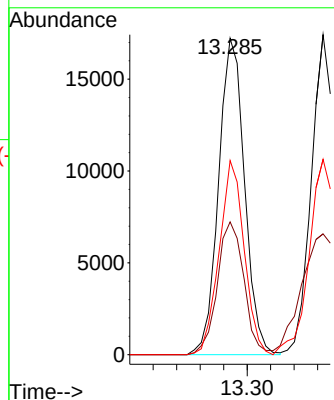
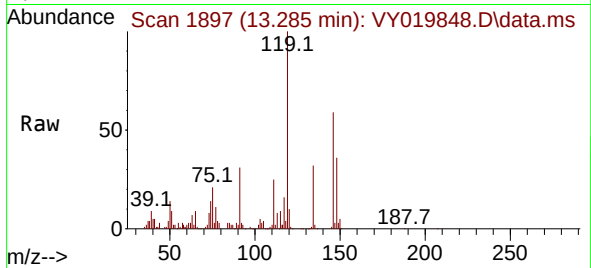




#87
1,3-Dichlorobenzene
Concen: 3.032 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

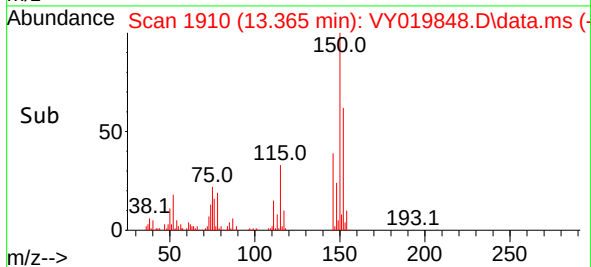
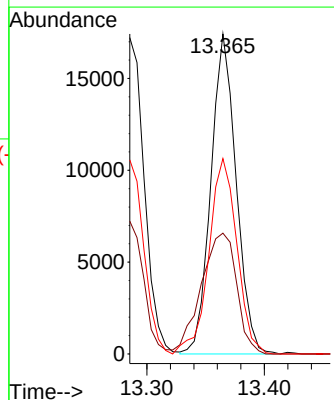
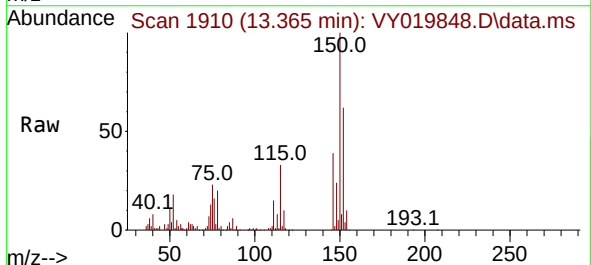
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

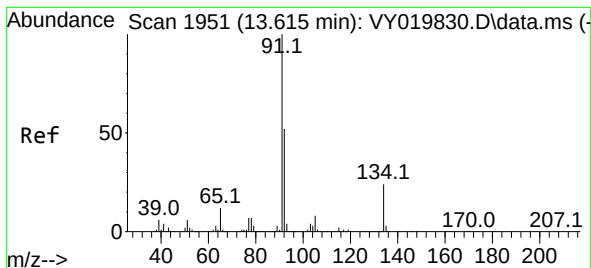
Tgt Ion:146 Resp: 26460
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.1
148 58.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 3.036 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY019848.D
Acq: 10 Oct 2024 11:50

Tgt Ion:146 Resp: 26034
Ion Ratio Lower Upper
146 100
111 52.8 20.3 61.0
148 67.8 32.0 96.0





#89

n-Butylbenzene

Concen: 2.875 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

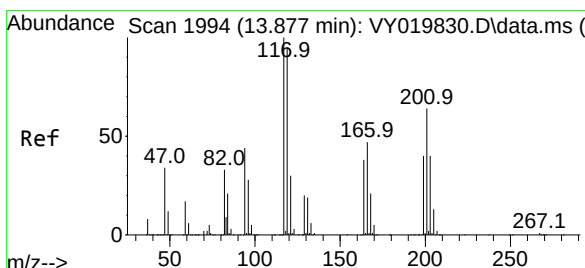
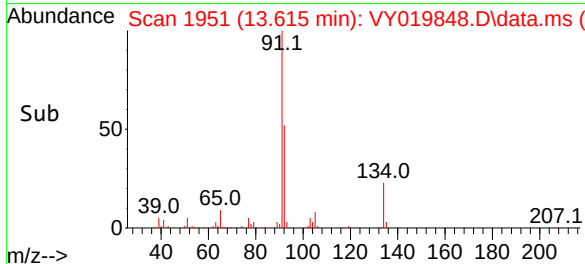
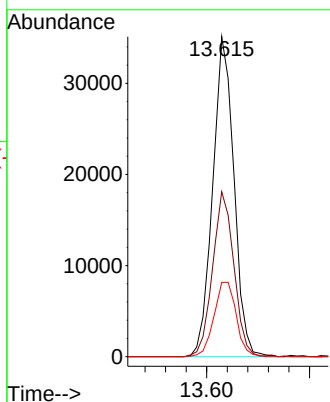
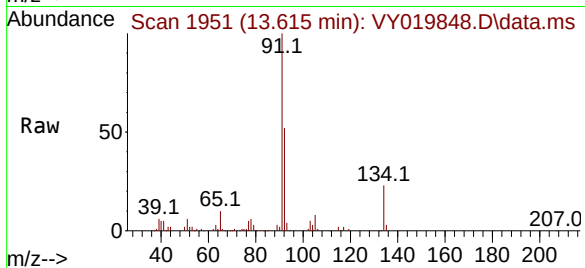
Tgt Ion: 91 Resp: 50189

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.4

134 24.5 12.0 36.1



#90

Hexachloroethane

Concen: 2.666 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019848.D

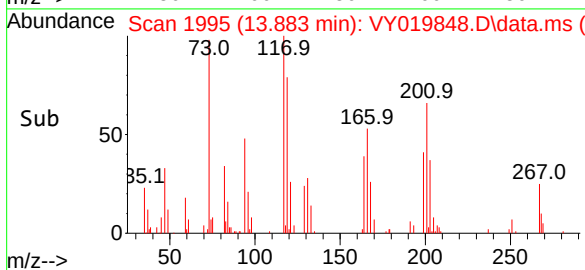
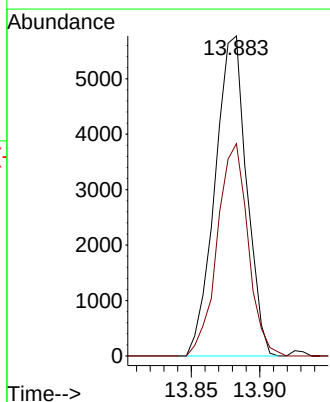
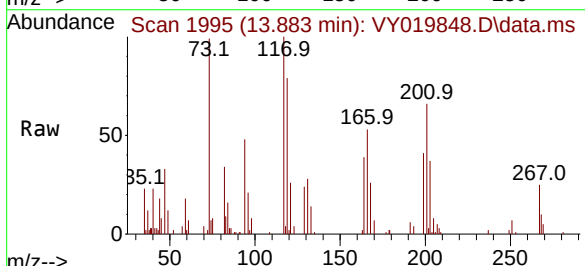
Acq: 10 Oct 2024 11:50

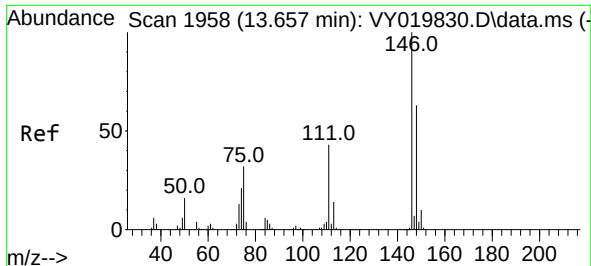
Tgt Ion: 117 Resp: 9279

Ion Ratio Lower Upper

117 100

201 64.5 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 2.901 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

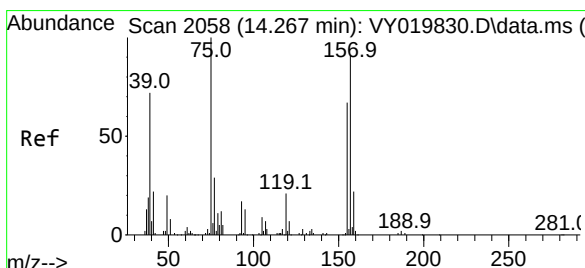
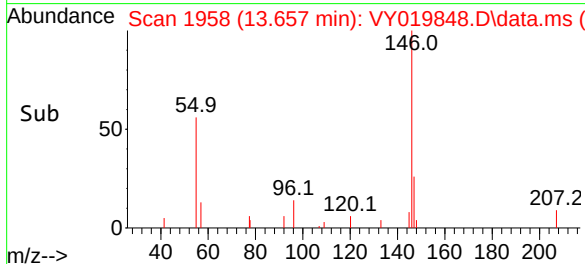
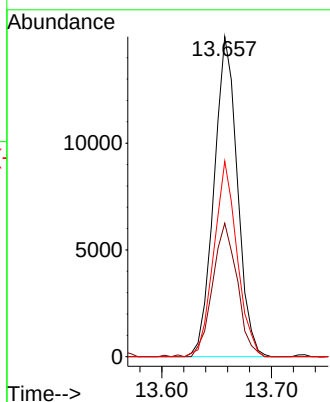
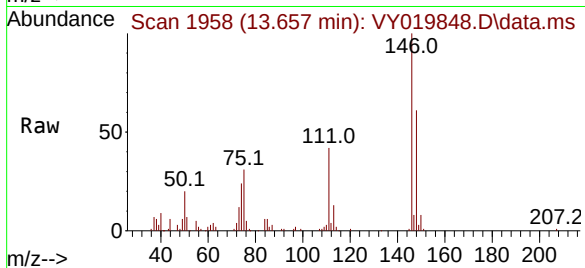
Tgt Ion:146 Resp: 22249

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 60.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.776 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

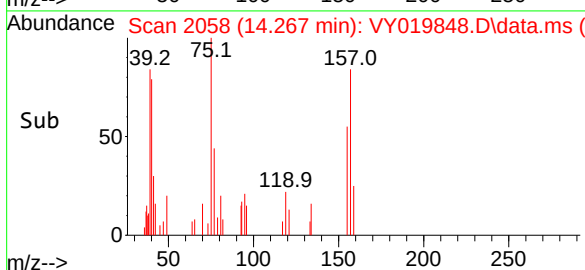
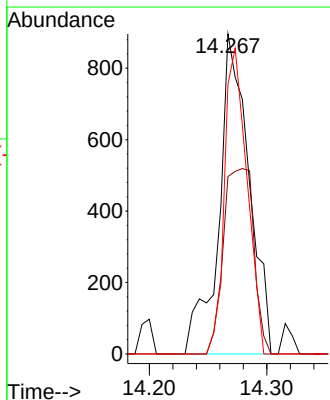
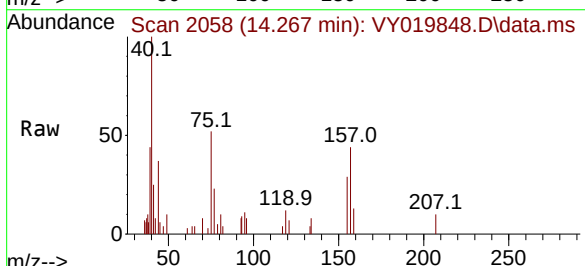
Tgt Ion: 75 Resp: 1603

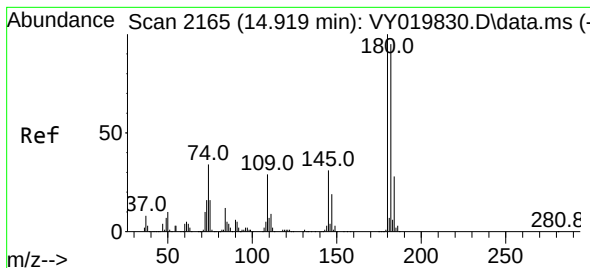
Ion Ratio Lower Upper

75 100

155 58.1 38.5 115.5

157 71.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 2.692 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019848.D

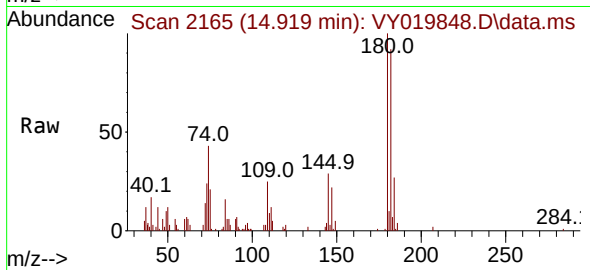
Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



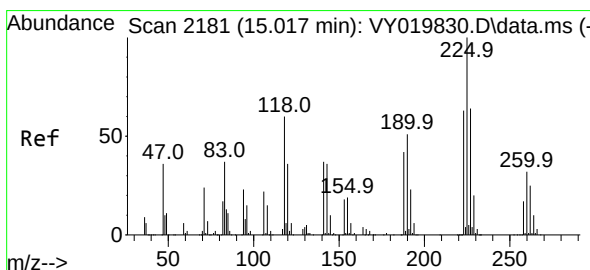
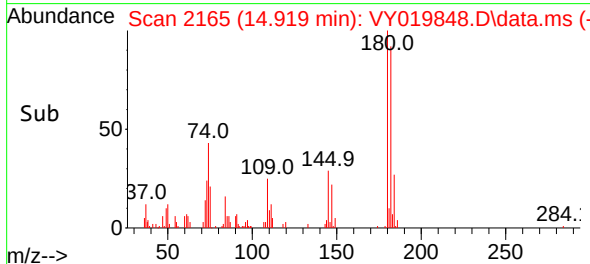
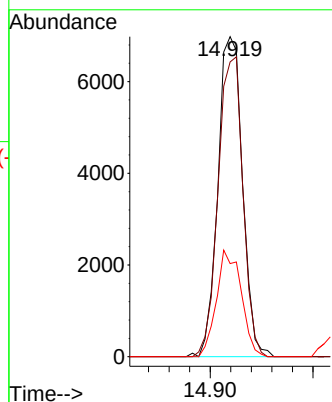
Tgt Ion:180 Resp: 11575

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 33.5 16.1 48.2



#94

Hexachlorobutadiene

Concen: 2.961 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

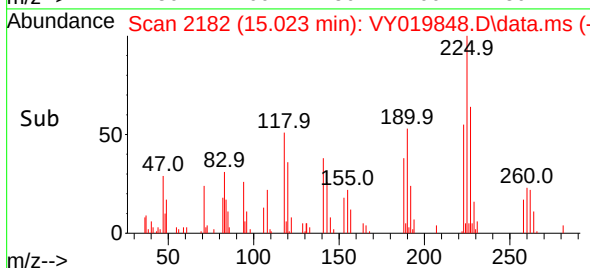
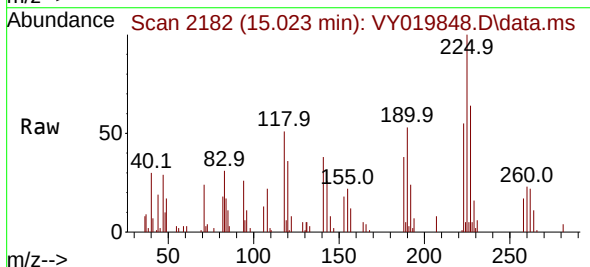
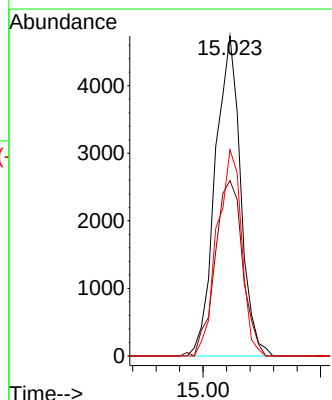
Tgt Ion:225 Resp: 7079

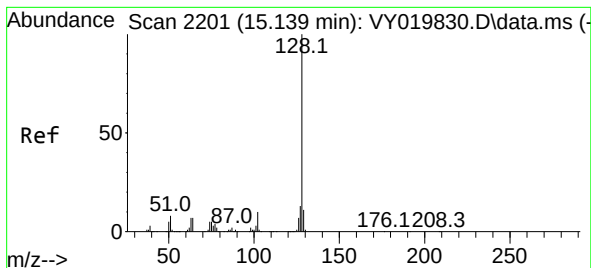
Ion Ratio Lower Upper

225 100

223 60.1 31.6 94.8

227 62.3 32.3 96.8





#95

Naphthalene

Concen: 2.443 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

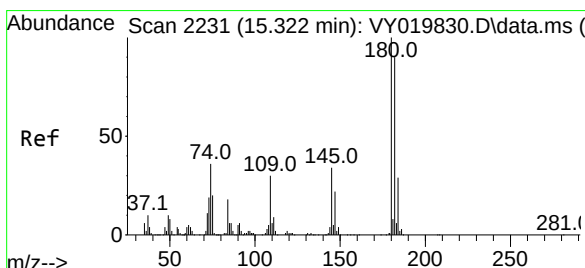
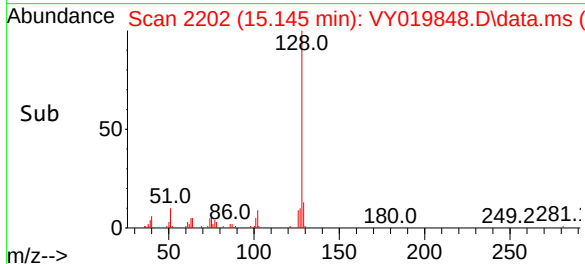
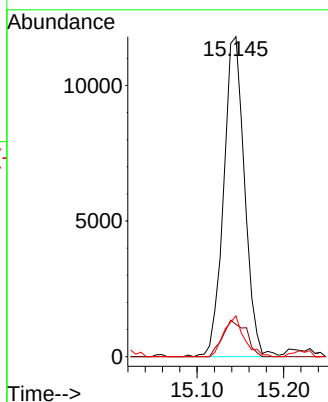
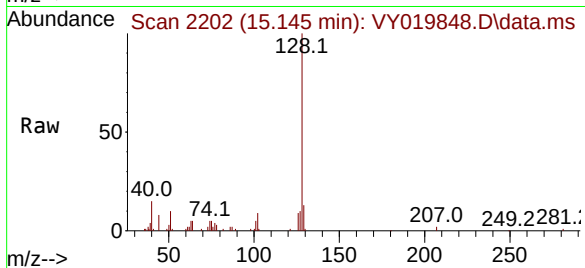
Tgt Ion:128 Resp: 19814

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 12.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 2.496 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY019848.D

Acq: 10 Oct 2024 11:50

Tgt Ion:180 Resp: 9071

Ion Ratio Lower Upper

180 100

182 94.1 46.8 140.4

145 40.1 16.9 50.6

