

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018255.D
 Acq On : 14 May 2024 14:01
 Operator : SY/MD
 Sample : P2403-01 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: May 15 05:17:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:17:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	189859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82244	58.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.760%	
35) Dibromofluoromethane	7.710	113	94055	53.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.600%	
50) Toluene-d8	10.179	98	377200	54.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.483	95	112034	49.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.780%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	4676	3.106	ug/l	96
3) Chloromethane	2.107	50	7378	3.661	ug/l	100
4) Vinyl Chloride	2.247	62	8794	3.599	ug/l	95
5) Bromomethane	2.650	94	6023	3.550	ug/l	97
6) Chloroethane	2.790	64	5327	3.435	ug/l	98
7) Trichlorofluoromethane	3.119	101	8135	2.843	ug/l	93
8) Diethyl Ether	3.515	74	3113	3.304	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	5336	2.926	ug/l #	93
10) Methyl Iodide	4.088	142	6179	2.901	ug/l #	95
11) Tert butyl alcohol	4.917	59	5204	37.275	ug/l #	97
12) 1,1-Dichloroethene	3.863	96	6118	3.332	ug/l #	72
13) Acrolein	3.723	56	2298	15.263	ug/l #	80
14) Allyl chloride	4.472	41	7381	3.160	ug/l	96
15) Acrylonitrile	5.149	53	5450	15.043	ug/l	96
16) Acetone	3.930	43	5062	18.161	ug/l	96
17) Carbon Disulfide	4.186	76	16234	3.248	ug/l	95
18) Methyl Acetate	4.460	43	2530	3.186	ug/l #	86
19) Methyl tert-butyl Ether	5.204	73	11974	2.928	ug/l	95
20) Methylene Chloride	4.710	84	17078	8.668	ug/l #	85
21) trans-1,2-Dichloroethene	5.210	96	6308	3.241	ug/l	82
22) Diisopropyl ether	6.106	45	15226	3.073	ug/l	93
23) Vinyl Acetate	6.058	43	43409	14.414	ug/l	99
24) 1,1-Dichloroethane	6.003	63	9820	3.218	ug/l #	96
25) 2-Butanone	6.978	43	6662	14.952	ug/l	90
26) 2,2-Dichloropropane	6.978	77	9411	3.407	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	7227	3.142	ug/l	99
28) Bromochloromethane	7.338	49	3789	3.106	ug/l #	99
29) Tetrahydrofuran	7.338	42	4352	14.797	ug/l	90
30) Chloroform	7.502	83	10121	3.177	ug/l #	76
31) Cyclohexane	7.783	56	11530	3.980	ug/l #	68
32) 1,1,1-Trichloroethane	7.697	97	8482	2.970	ug/l	94
36) 1,1-Dichloropropene	7.917	75	7707	3.046	ug/l	97
37) Ethyl Acetate	7.063	43	1087	1.021	ug/l #	8
38) Carbon Tetrachloride	7.893	117	7564	2.736	ug/l	91
39) Methylcyclohexane	9.185	83	9948	2.726	ug/l	96
40) Benzene	8.155	78	24814	3.049	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	1766	2.872	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	5258	2.970	ug/l	99
43) Isopropyl Acetate	8.264	43	5838	2.675	ug/l #	81
44) Trichloroethene	8.935	130	6435	2.905	ug/l	86
45) 1,2-Dichloropropane	9.215	63	5465	3.072	ug/l	95
46) Dibromomethane	9.301	93	3165	3.095	ug/l	90
47) Bromodichloromethane	9.496	83	7072	2.797	ug/l #	99
48) Methyl methacrylate	9.295	41	3340	3.339	ug/l	88
49) 1,4-Dioxane	9.289	88	479	35.283	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	14359	13.090	ug/l	96
52) Toluene	10.240	92	15411	2.942	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	6377	2.700	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	7806	2.704	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	3905	2.779	ug/l	92
56) Ethyl methacrylate	10.508	69	4964	2.601	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	6466	2.828	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	14297	15.691	ug/l	96
59) 2-Hexanone	10.831	43	8631	11.253	ug/l	99
60) Dibromochloromethane	10.983	129	4755	2.609	ug/l	99
61) 1,2-Dibromoethane	11.087	107	3688	2.787	ug/l	96
64) Tetrachloroethene	10.715	164	5832	3.150	ug/l	90
65) Chlorobenzene	11.514	112	16252	2.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	4748	2.592	ug/l	93
67) Ethyl Benzene	11.593	91	27630	2.890	ug/l	96
68) m/p-Xylenes	11.703	106	22508	5.953	ug/l	97
69) o-Xylene	12.032	106	10434	2.876	ug/l	98
70) Styrene	12.044	104	16602	2.740	ug/l	98
71) Bromoform	12.215	173	2501	2.468	ug/l #	96
73) Isopropylbenzene	12.331	105	26264	2.953	ug/l	98
74) N-amyl acetate	12.142	43	5063	2.743	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	4124	2.907	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	5213	5.491	ug/l #	100
77) Bromobenzene	12.611	156	6158	3.014	ug/l	91
78) n-propylbenzene	12.672	91	31902	3.084	ug/l	99
79) 2-Chlorotoluene	12.758	91	17555	3.054	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	20676	2.948	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.483	75	57959	117.615	ug/l #	16
82) 4-Chlorotoluene	12.855	91	17566	3.042	ug/l	96
83) tert-Butylbenzene	13.075	119	19454	3.008	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	20635	3.004	ug/l	97
85) sec-Butylbenzene	13.251	105	27387	2.887	ug/l	93
86) p-Isopropyltoluene	13.367	119	22563	2.891	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	11628	2.947	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	11393	2.962	ug/l	85
89) n-Butylbenzene	13.696	91	21080	2.984	ug/l	97
90) Hexachloroethane	13.959	117	4150	2.710	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	9429	2.780	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.355	75	538	2.785	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	5223	2.740	ug/l	93
94) Hexachlorobutadiene	15.111	225	2873	2.731	ug/l	94
95) Naphthalene	15.239	128	8233	2.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	4346	2.778	ug/l	95

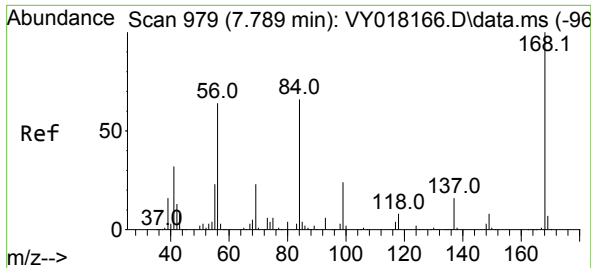
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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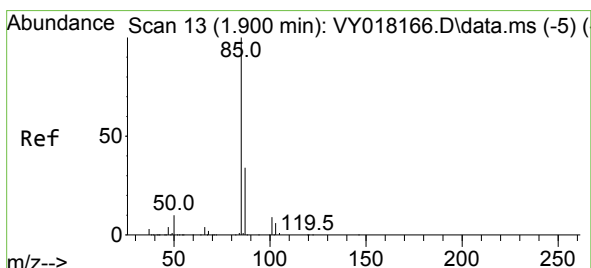
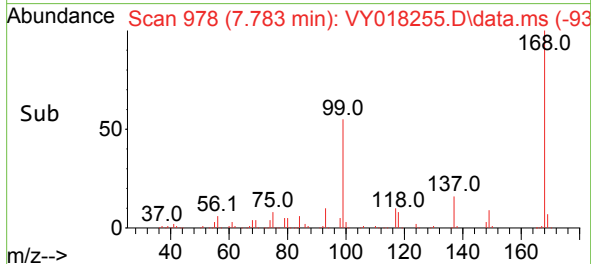
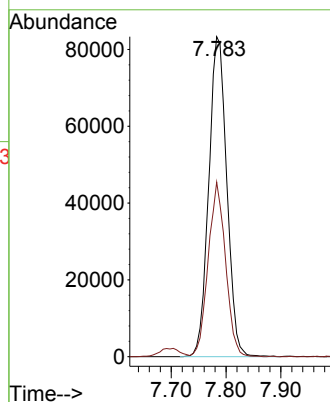
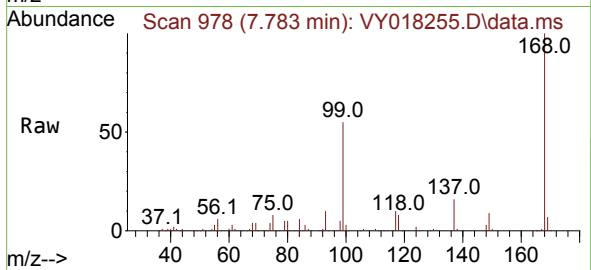
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

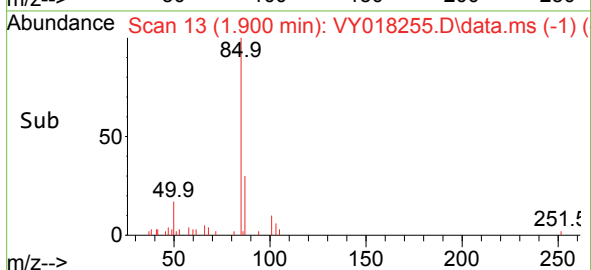
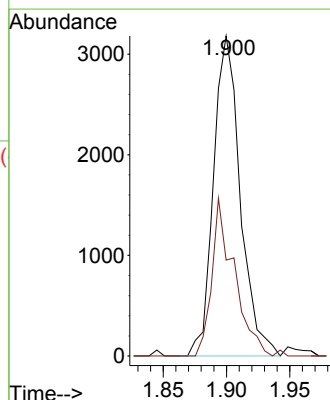
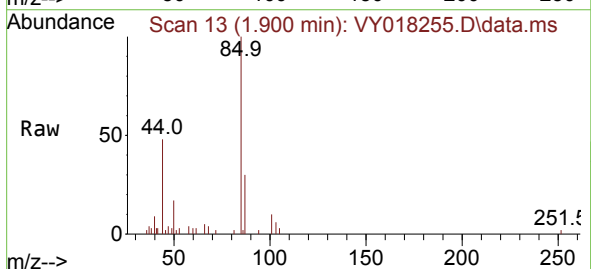
Instrument :
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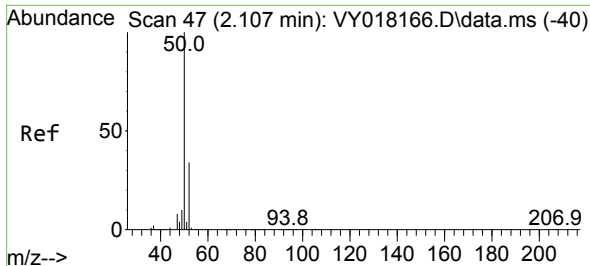
Tgt Ion:168 Resp: 189859
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 3.106 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 85 Resp: 4676
Ion Ratio Lower Upper
85 100
87 30.0 16.0 48.0

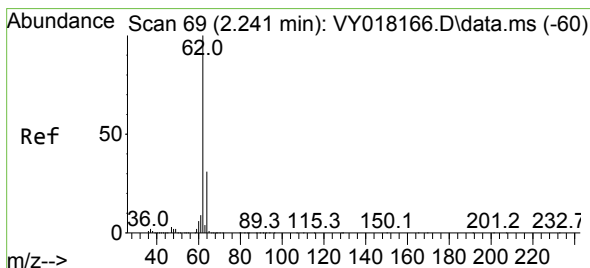
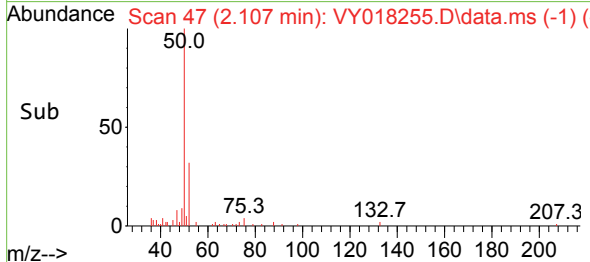
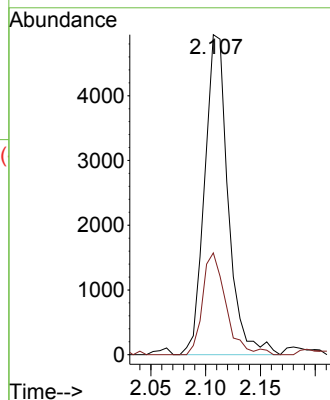
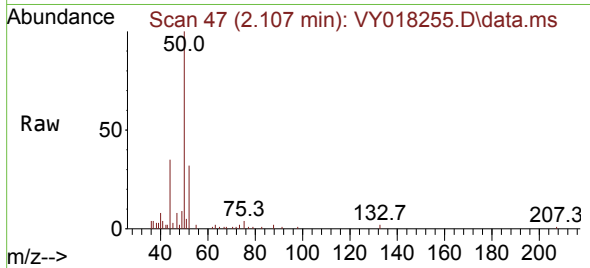




#3
Chloromethane
Concen: 3.661 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

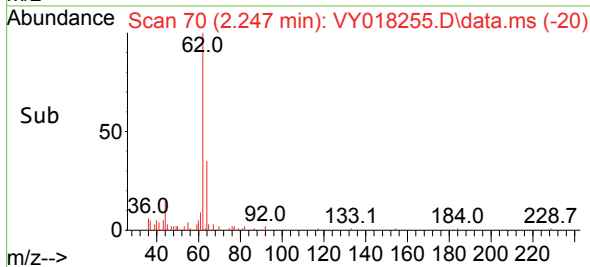
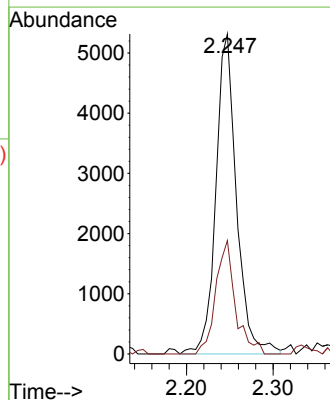
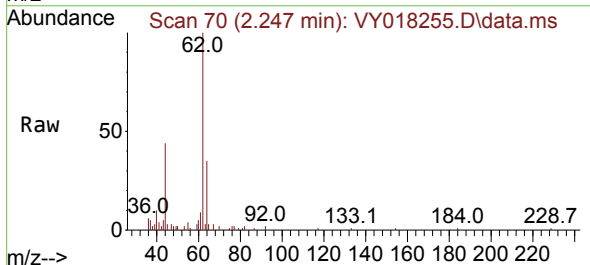
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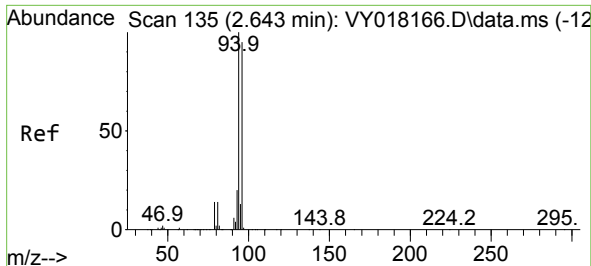
Tgt Ion: 50 Resp: 7378
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4



#4
Vinyl Chloride
Concen: 3.599 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 62 Resp: 8794
Ion Ratio Lower Upper
62 100
64 35.4 26.1 39.1





#5

Bromomethane

Concen: 3.550 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

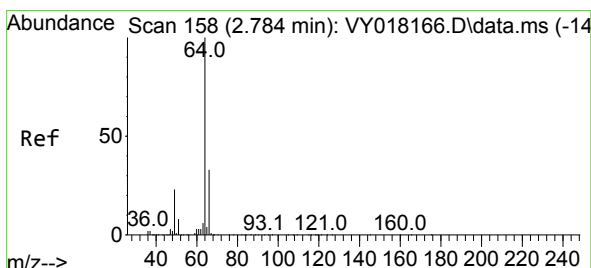
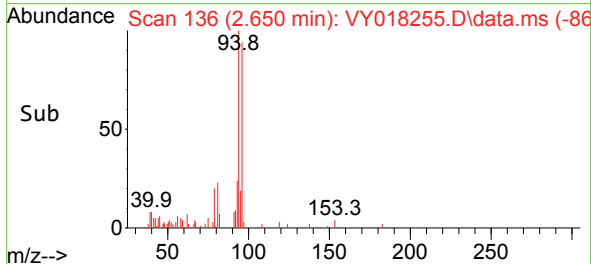
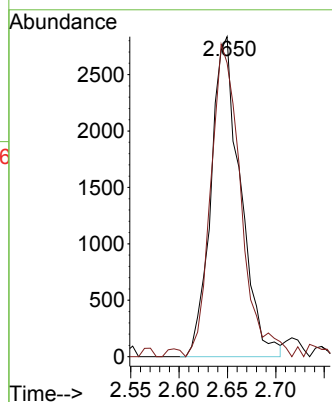
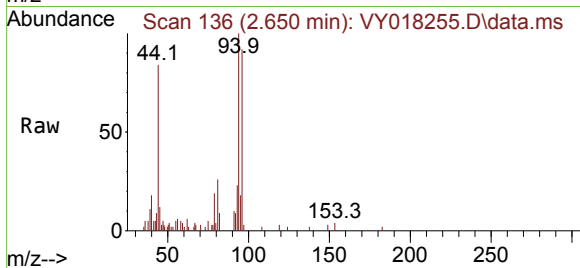
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 94 Resp: 6023

Ion Ratio Lower Upper

94 100

96 89.8 74.1 111.1



#6

Chloroethane

Concen: 3.435 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY018255.D

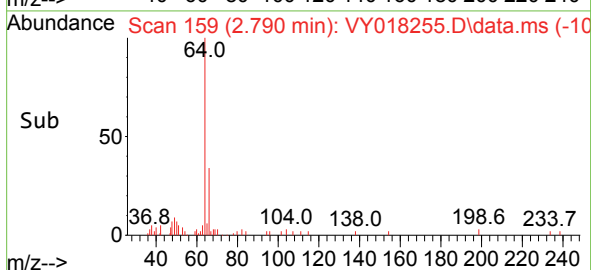
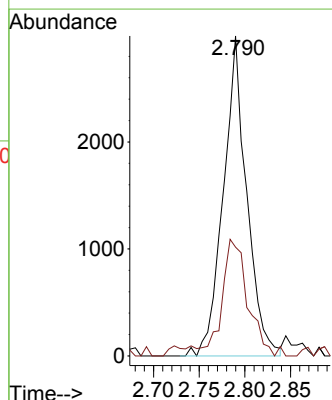
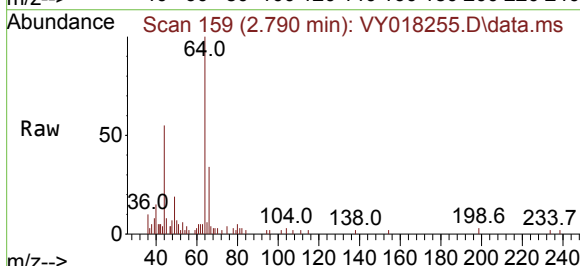
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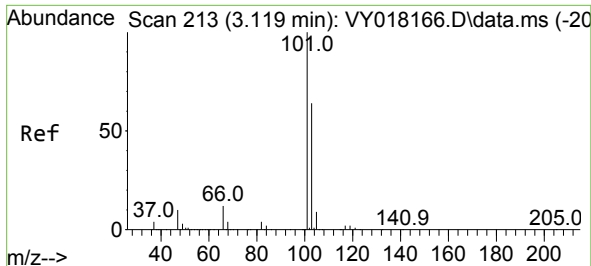
Tgt Ion: 64 Resp: 5327

Ion Ratio Lower Upper

64 100

66 31.7 26.1 39.1

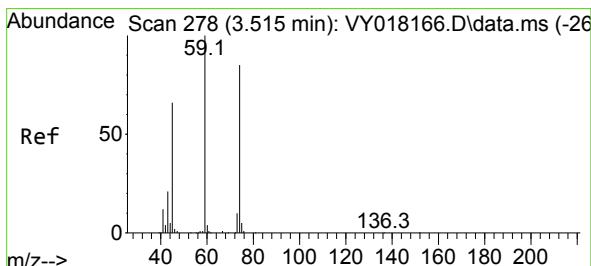
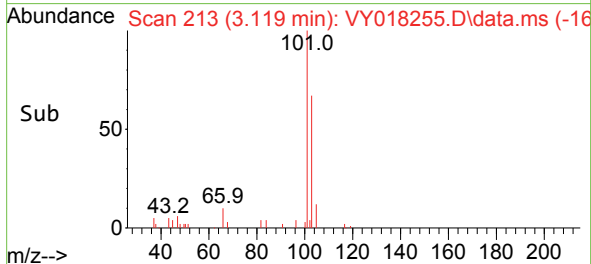
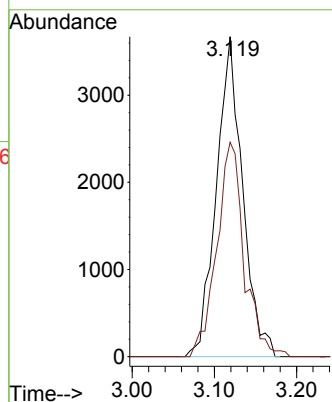
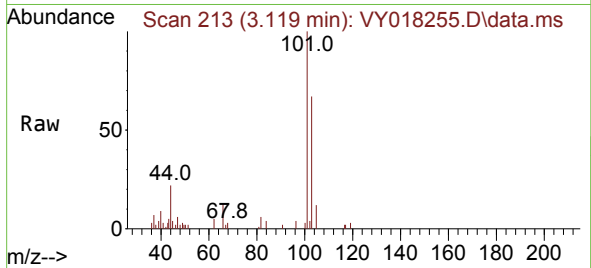




#7
 Trichlorofluoromethane
 Concen: 2.843 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

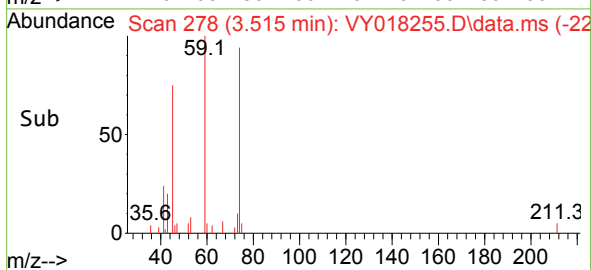
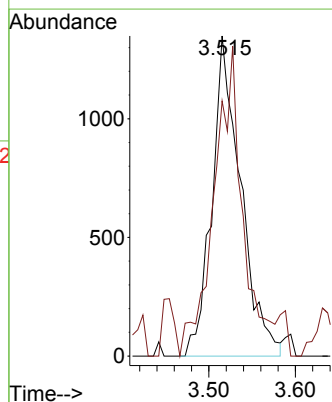
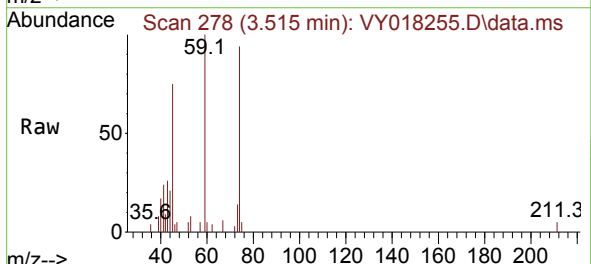
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

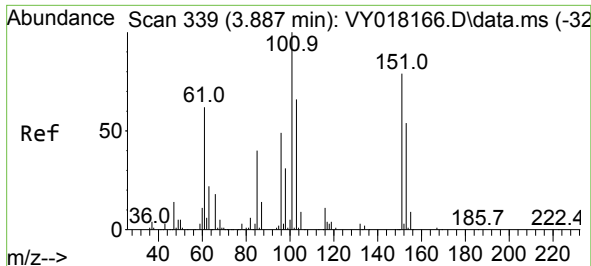
Tgt Ion:101 Resp: 8135
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 3.304 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

Tgt Ion: 74 Resp: 3113
 Ion Ratio Lower Upper
 74 100
 45 96.5 41.3 124.1

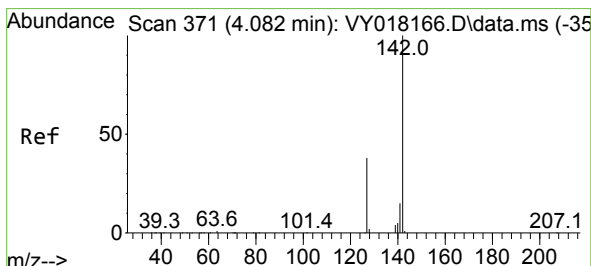
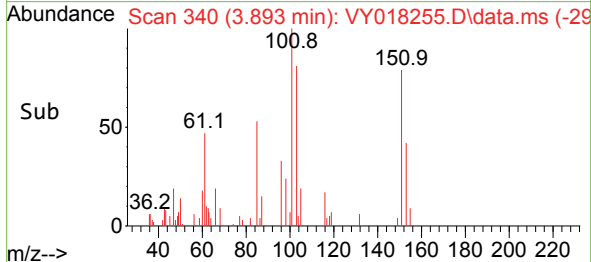
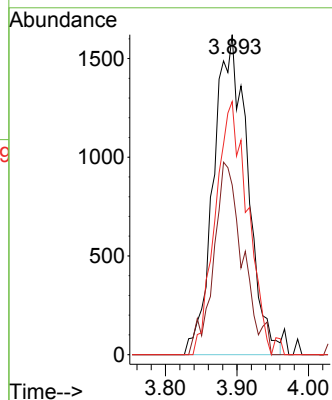
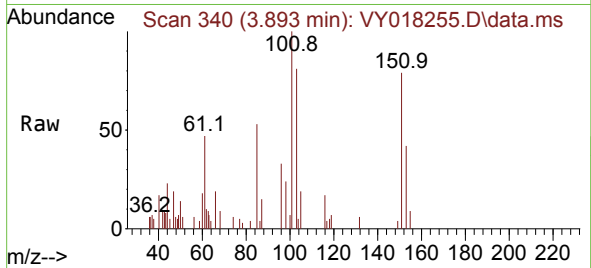




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.926 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

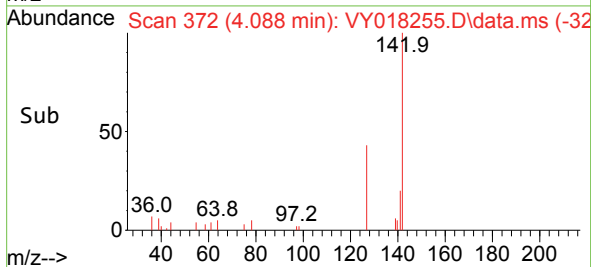
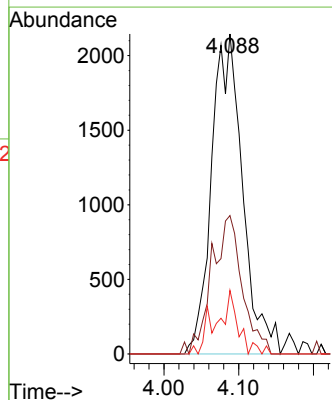
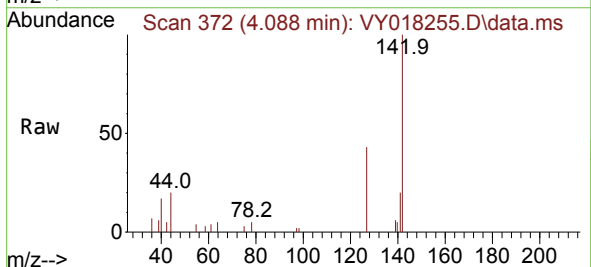
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

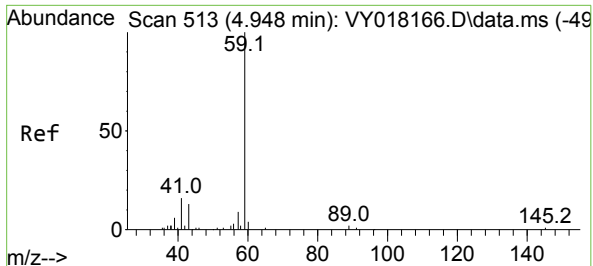
Tgt Ion:101 Resp: 5336
Ion Ratio Lower Upper
101 100
85 52.0 34.5 51.7#
151 74.9 61.7 92.5



#10
Methyl Iodide
Concen: 2.901 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion:142 Resp: 6179
Ion Ratio Lower Upper
142 100
127 42.7 32.8 49.2
141 9.6 11.4 17.2#

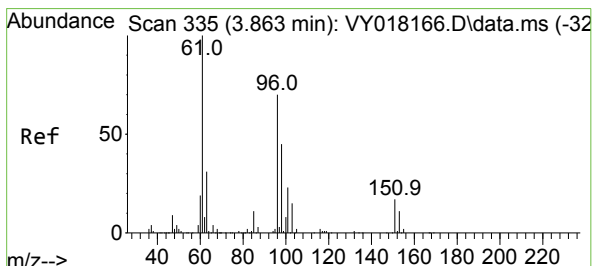
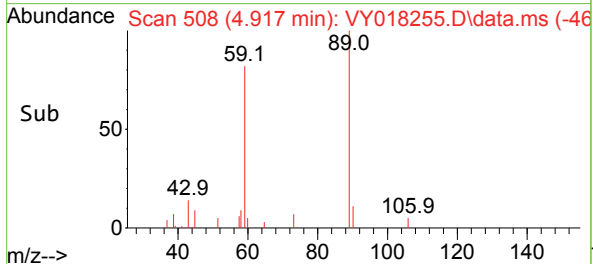
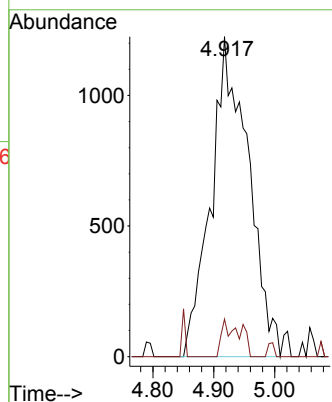
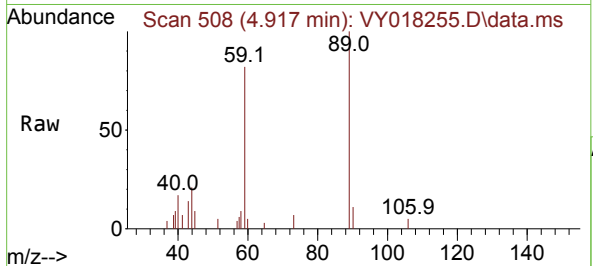




#11
Tert butyl alcohol
Concen: 37.275 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

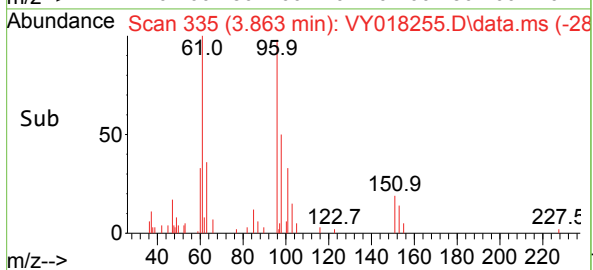
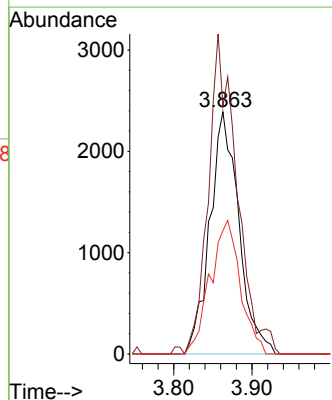
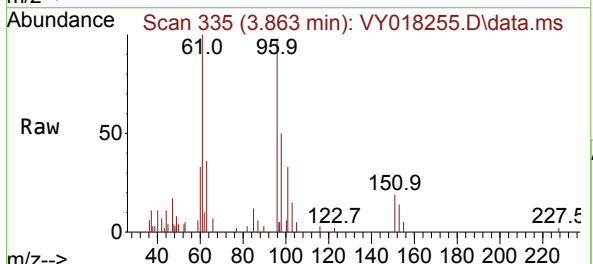
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

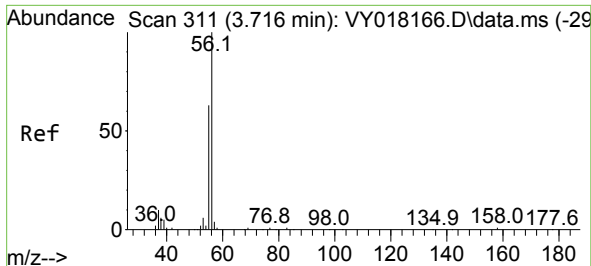
Tgt Ion: 59 Resp: 5204
Ion Ratio Lower Upper
59 100
57 2.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 3.332 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 96 Resp: 6118
Ion Ratio Lower Upper
96 100
61 102.3 114.6 171.8#
98 50.9 50.8 76.2





#13

Acrolein

Concen: 15.263 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

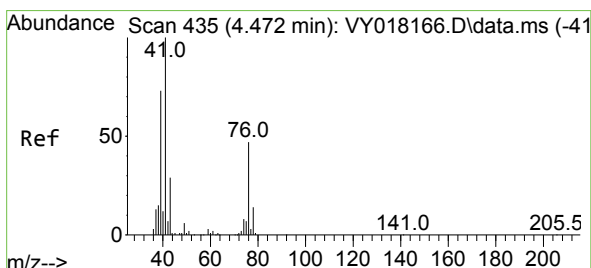
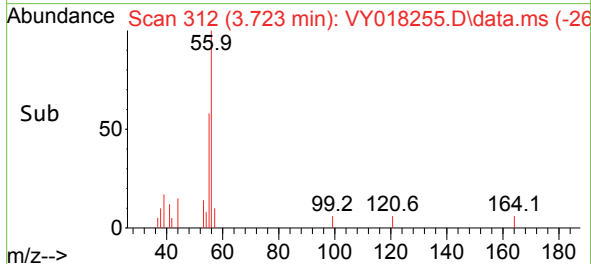
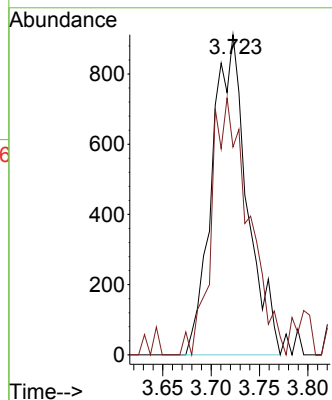
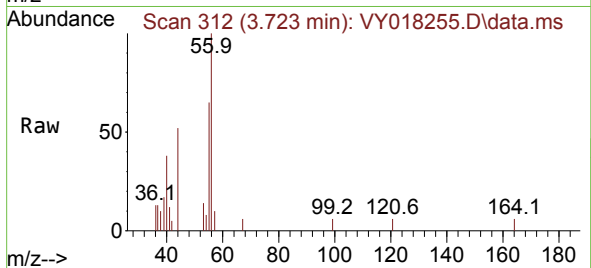
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 56 Resp: 2298

Ion Ratio Lower Upper

56 100

55 85.9 55.7 83.5#



#14

Allyl chloride

Concen: 3.160 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

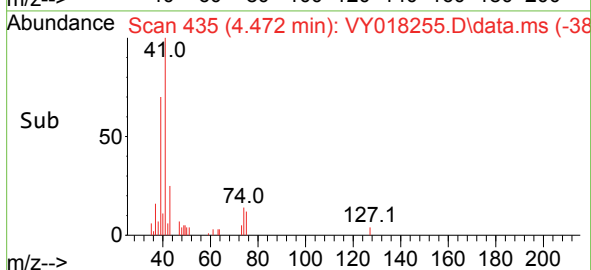
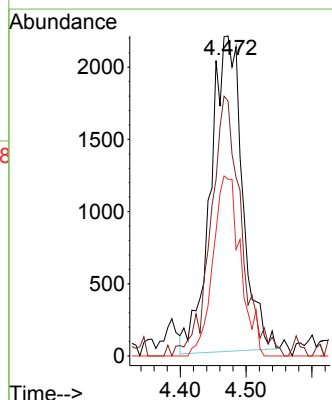
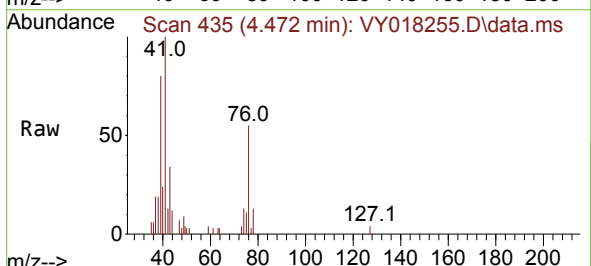
Tgt Ion: 41 Resp: 7381

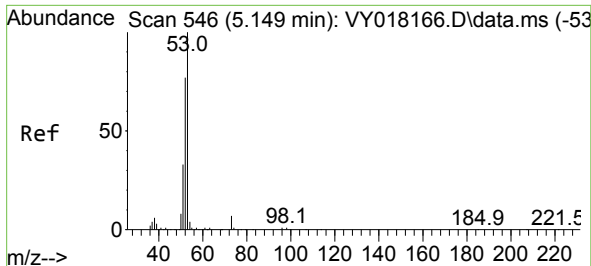
Ion Ratio Lower Upper

41 100

39 78.4 58.3 87.5

76 49.3 39.0 58.6





#15

Acrylonitrile

Concen: 15.043 ug/l

RT: 5.149 min Scan# 546

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

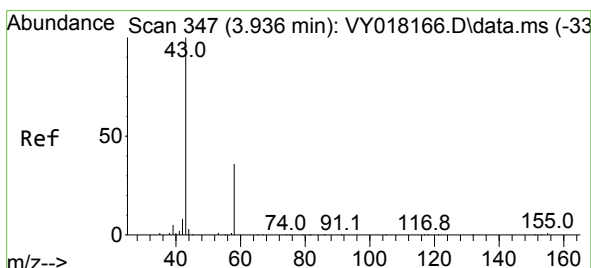
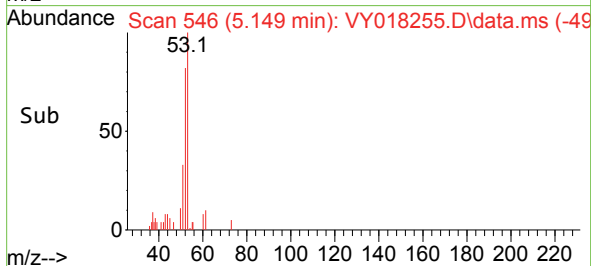
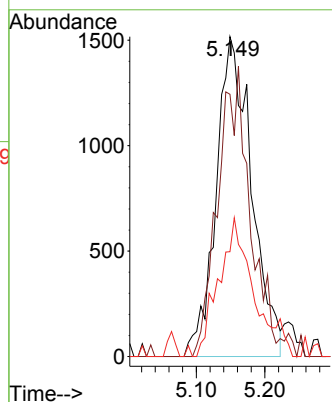
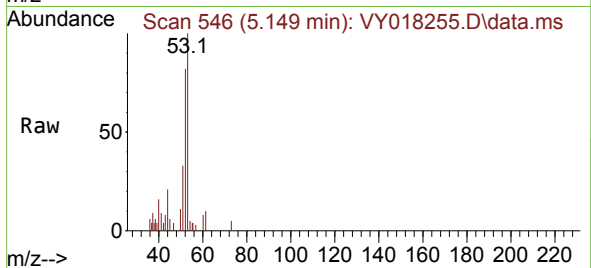
Tgt Ion: 53 Resp: 5450

Ion Ratio Lower Upper

53 100

52 82.8 64.7 97.1

51 40.3 28.4 42.6



#16

Acetone

Concen: 18.161 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018255.D

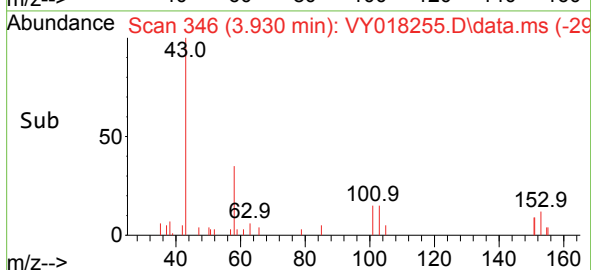
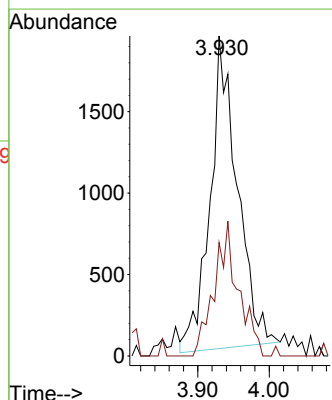
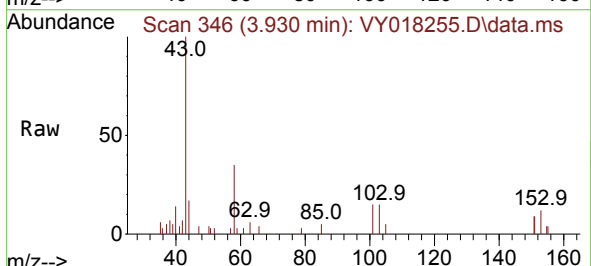
Acq: 14 May 2024 14:01

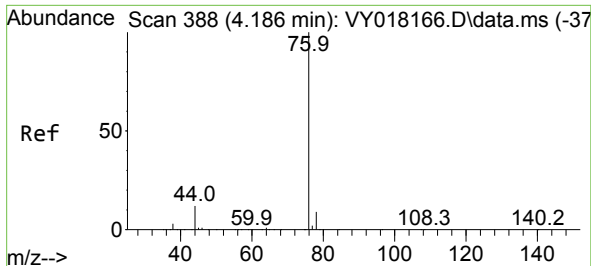
Tgt Ion: 43 Resp: 5062

Ion Ratio Lower Upper

43 100

58 37.1 31.7 47.5

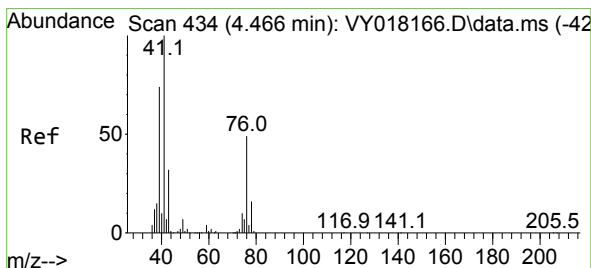
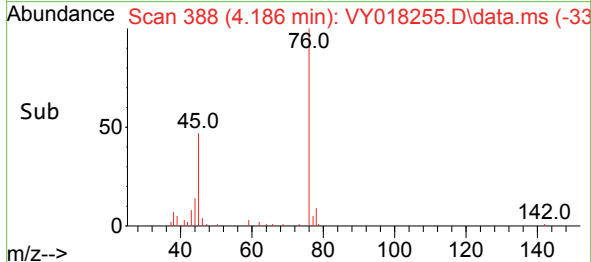
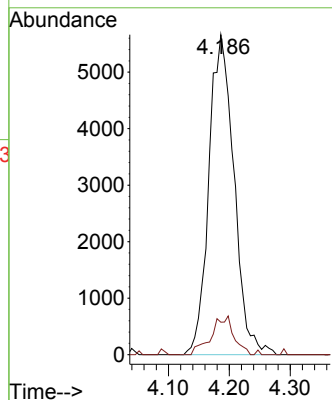
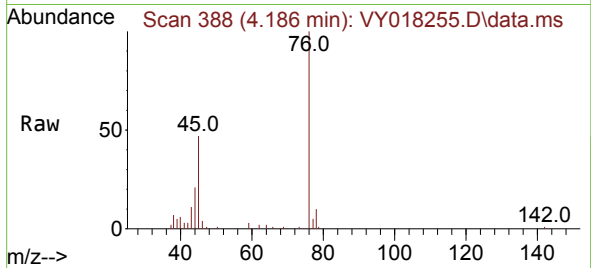




#17
Carbon Disulfide
Concen: 3.248 ug/l
RT: 4.186 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

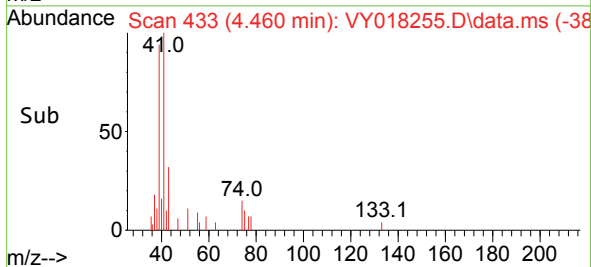
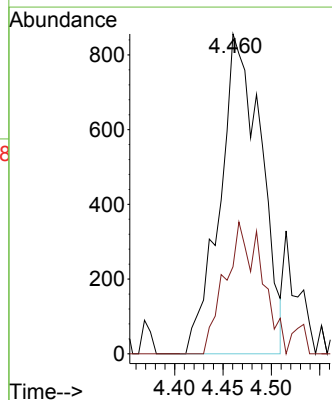
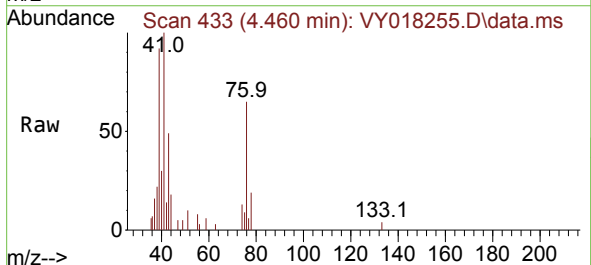
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

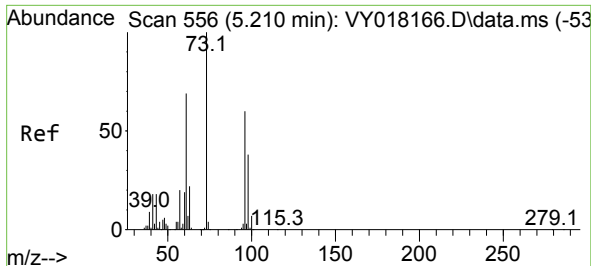
Tgt Ion: 76 Resp: 16234
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2



#18
Methyl Acetate
Concen: 3.186 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
74 36.5 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 2.928 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

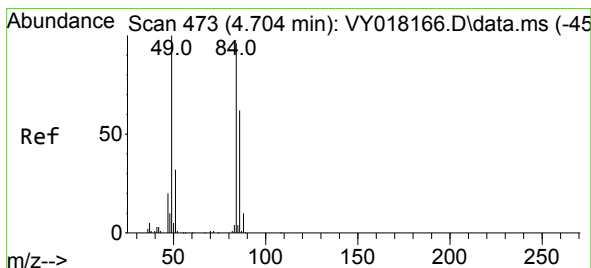
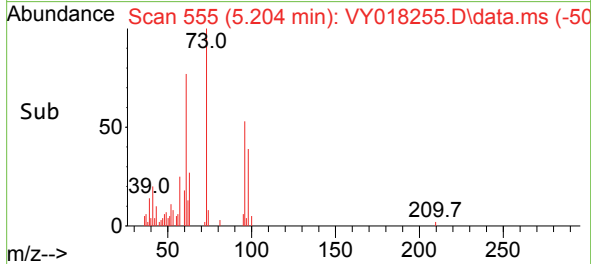
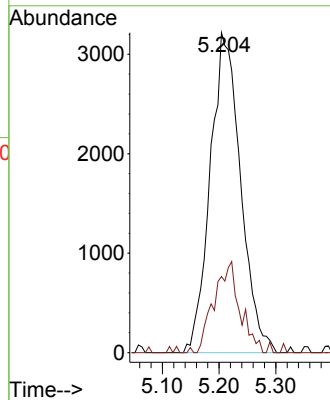
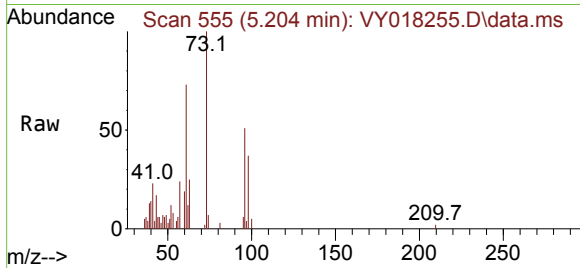
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 73 Resp: 11974

Ion Ratio Lower Upper

73 100

57 23.8 17.3 25.9



#20

Methylene Chloride

Concen: 8.668 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Tgt Ion: 84 Resp: 17078

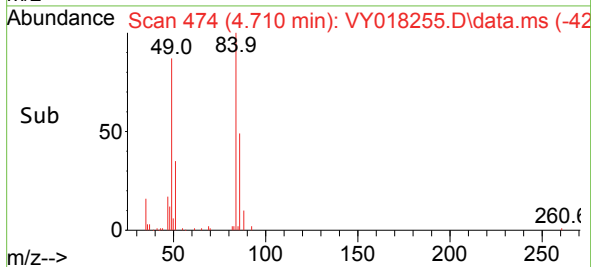
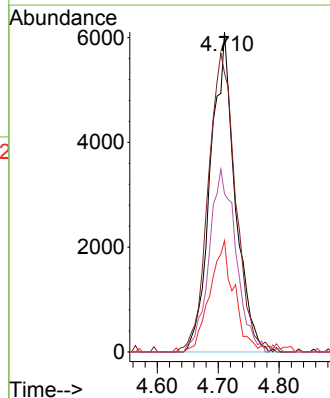
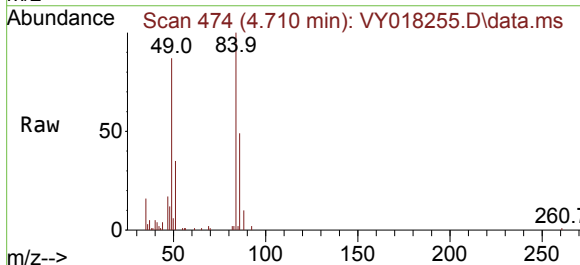
Ion Ratio Lower Upper

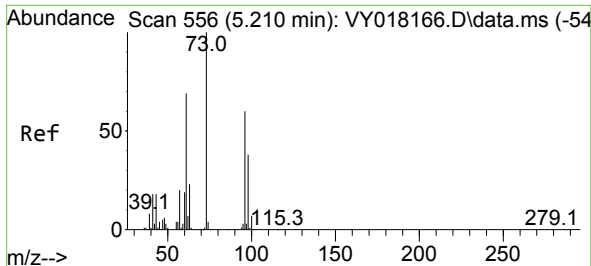
84 100

49 87.1 84.4 126.6

51 34.8 26.0 39.0

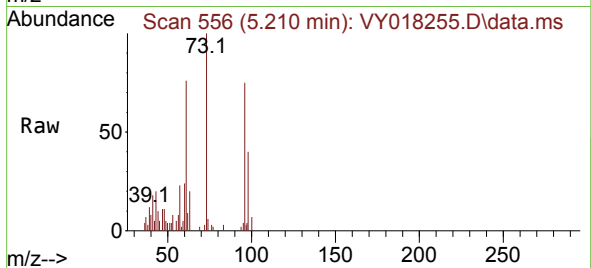
86 49.4 49.5 74.3



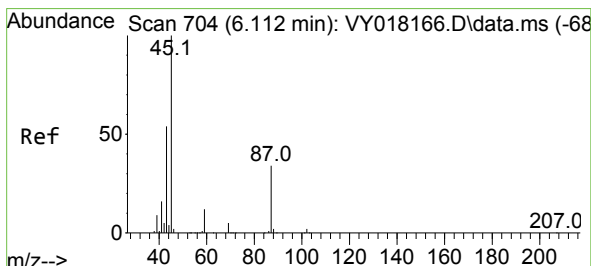
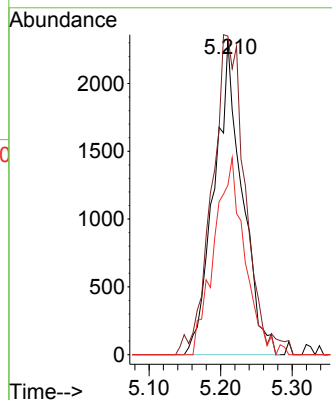
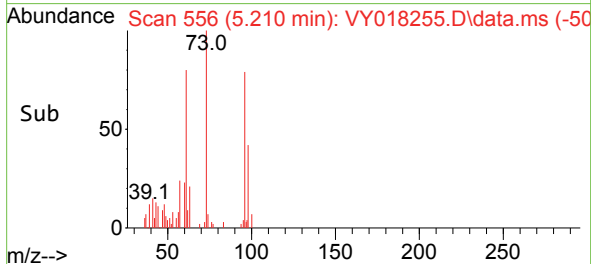


#21
trans-1,2-Dichloroethene
Concen: 3.241 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

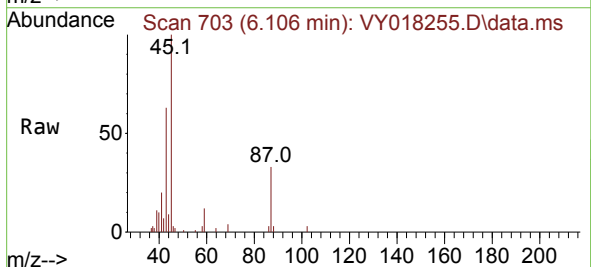
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



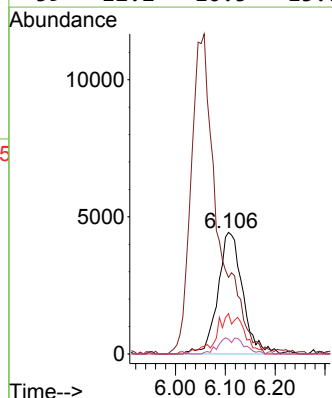
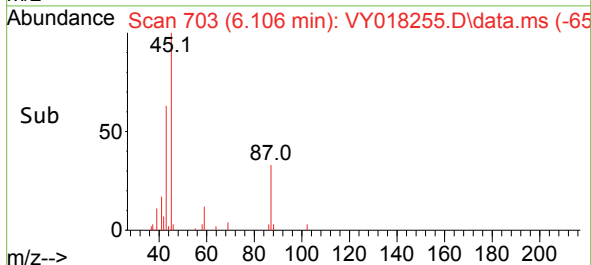
Tgt Ion: 96 Resp: 6308
Ion Ratio Lower Upper
96 100
61 98.9 97.5 146.3
98 53.9 50.5 75.7

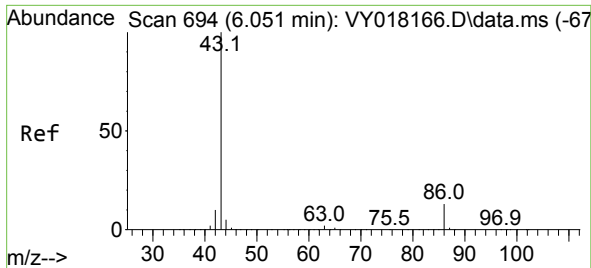


#22
Diisopropyl ether
Concen: 3.073 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01



Tgt Ion: 45 Resp: 15226
Ion Ratio Lower Upper
45 100
43 59.7 42.2 63.2
87 33.1 25.0 37.6
59 12.2 10.5 15.7

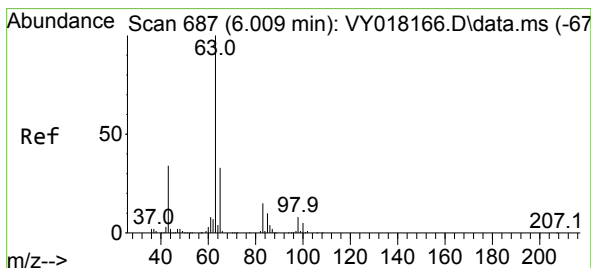
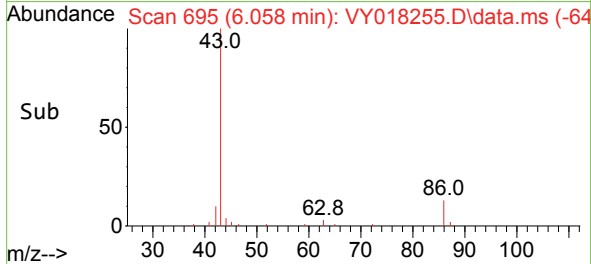
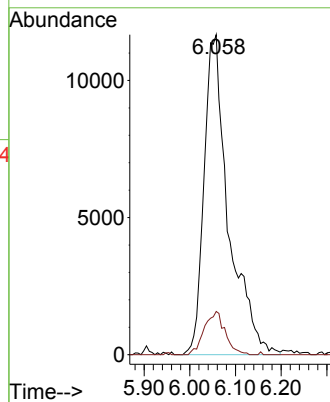
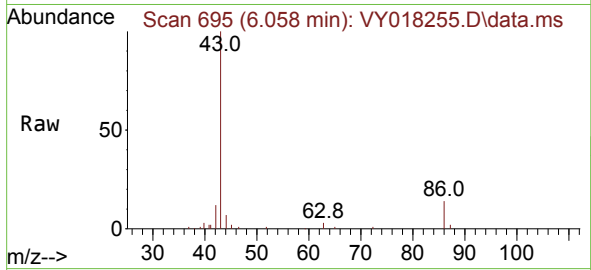




#23
 Vinyl Acetate
 Concen: 14.414 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

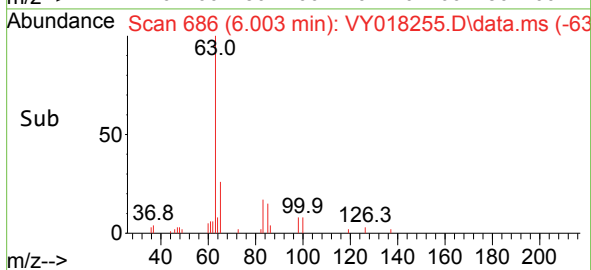
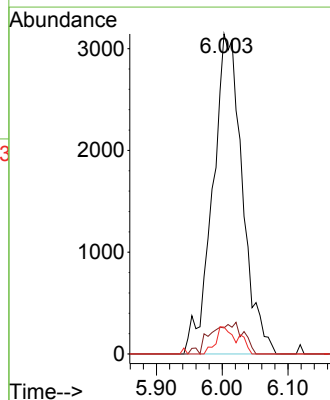
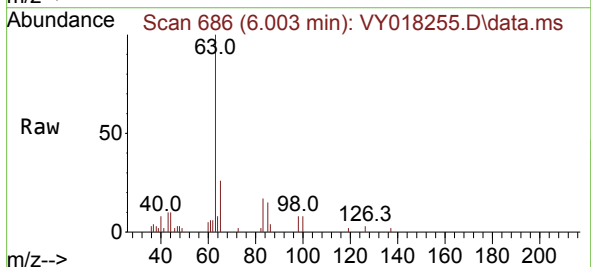
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

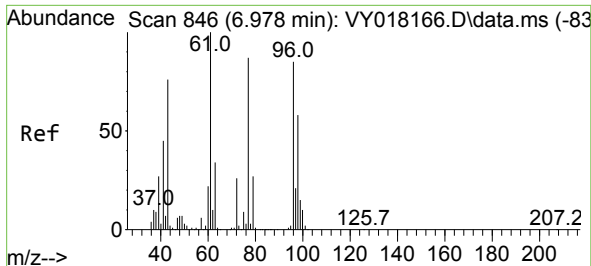
Tgt Ion: 43 Resp: 43409
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 3.218 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

Tgt Ion: 63 Resp: 9820
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 8.4 2.6 8.0#





#25

2-Butanone

Concen: 14.952 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

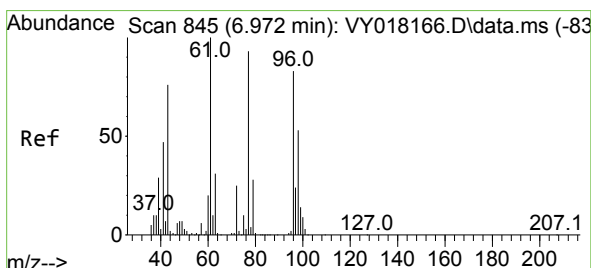
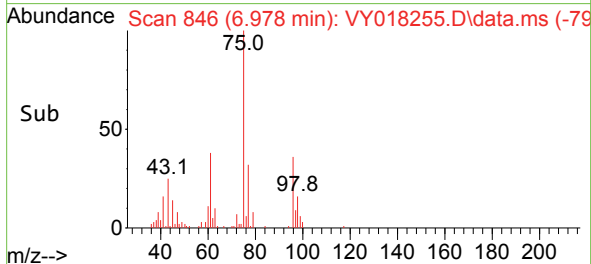
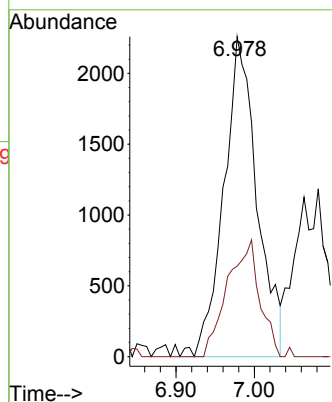
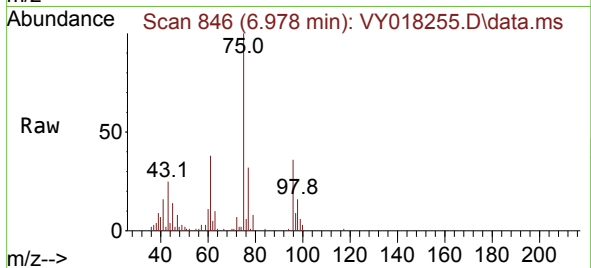
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 6662

Ion Ratio Lower Upper

43 100

72 28.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 3.407 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018255.D

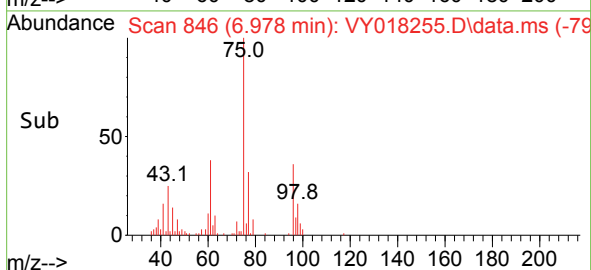
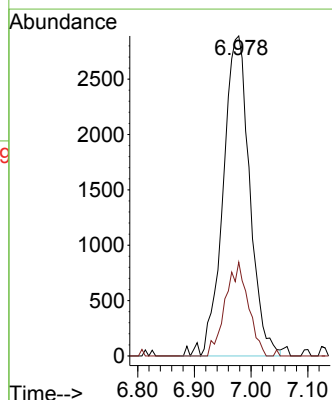
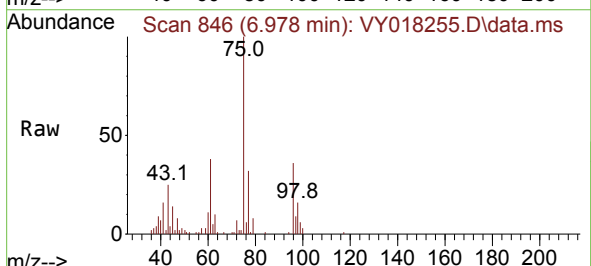
Acq: 14 May 2024 14:01

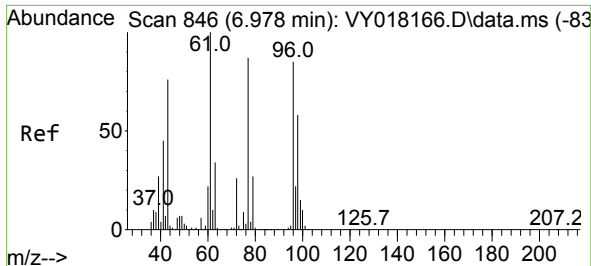
Tgt Ion: 77 Resp: 9411

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1

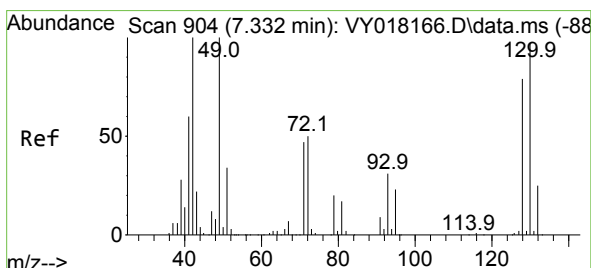
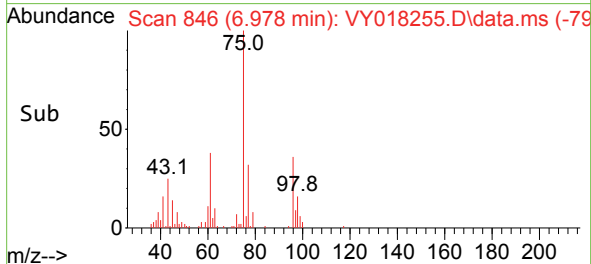
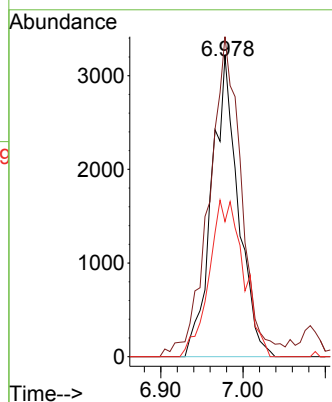
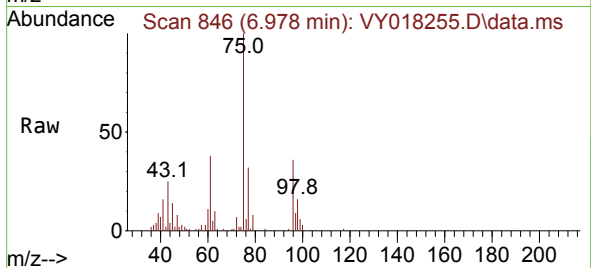




#27
 cis-1,2-Dichloroethene
 Concen: 3.142 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

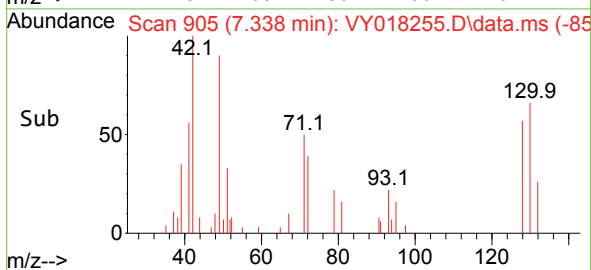
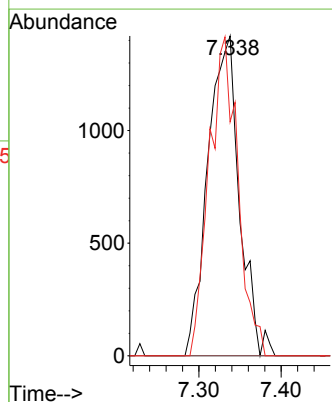
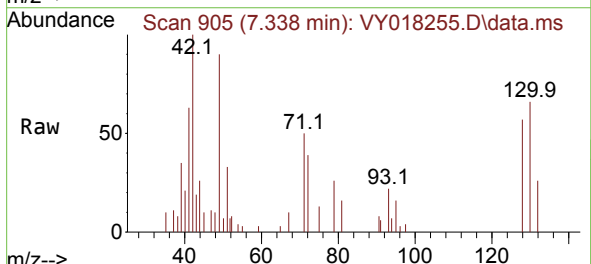
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

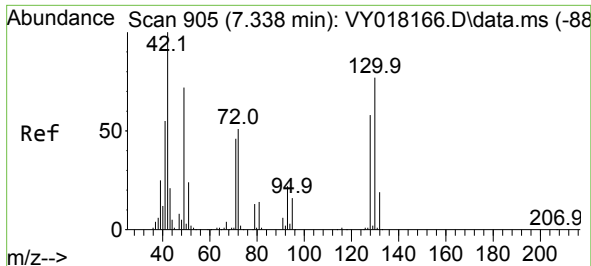
Tgt Ion:	96	Resp:	7227
Ion Ratio	Lower	Upper	
96	100		
61	128.9	0.0	256.2
98	67.4	0.0	130.0



#28
 Bromochloromethane
 Concen: 3.106 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

Tgt Ion:	49	Resp:	3789
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.6
130	90.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 14.797 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018255.D

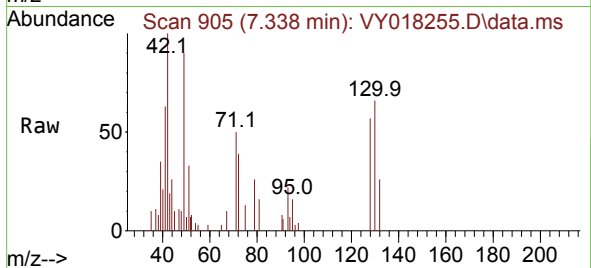
Acq: 14 May 2024 14:01

Instrument :

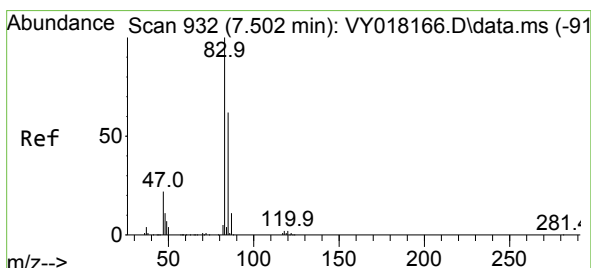
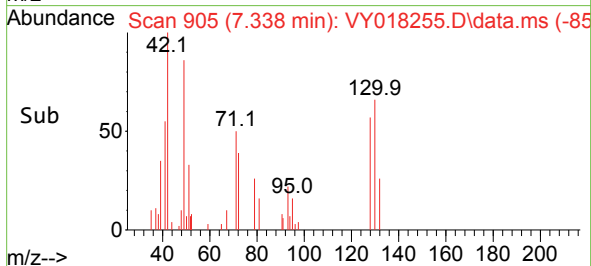
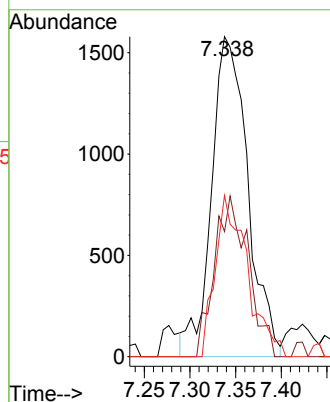
MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:	42	Resp:	4352
Ion	Ratio	Lower	Upper
42	100		
72	46.7	43.0	64.4
71	44.5	40.8	61.2



#30

Chloroform

Concen: 3.177 ug/l

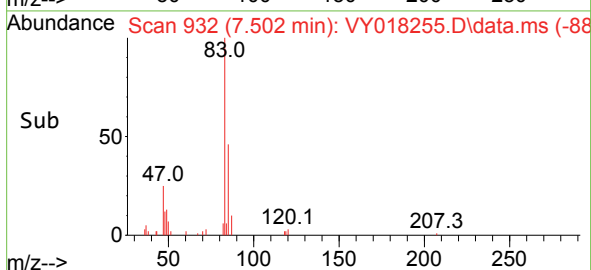
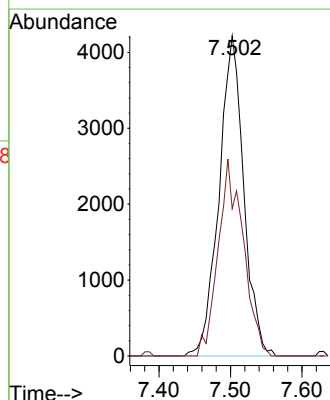
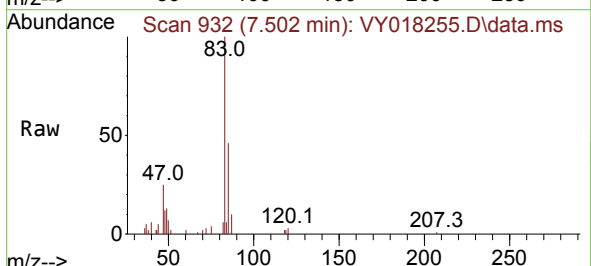
RT: 7.502 min Scan# 932

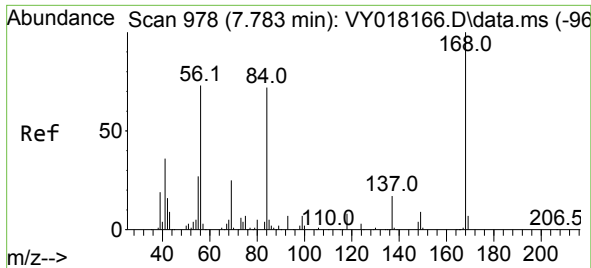
Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

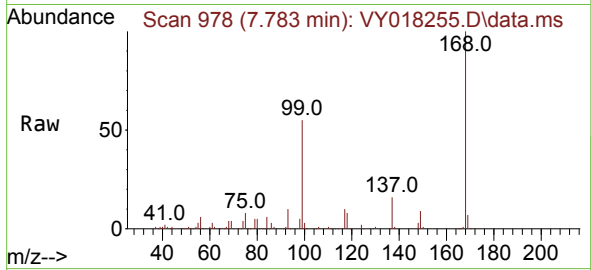
Tgt Ion:	83	Resp:	10121
Ion	Ratio	Lower	Upper
83	100		
85	46.0	52.2	78.4#



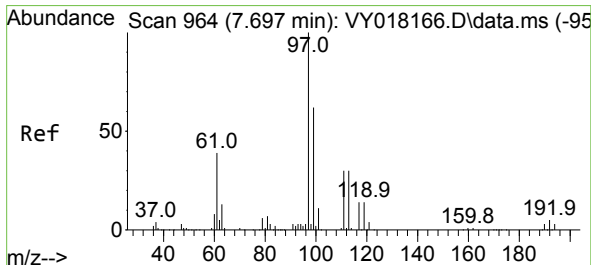
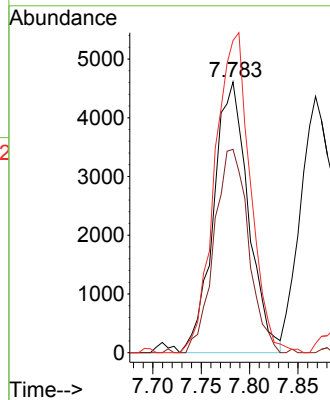
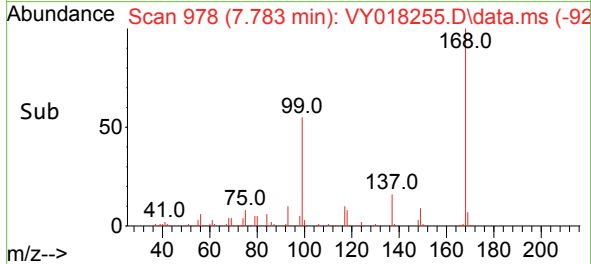


#31
Cyclohexane
Concen: 3.980 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

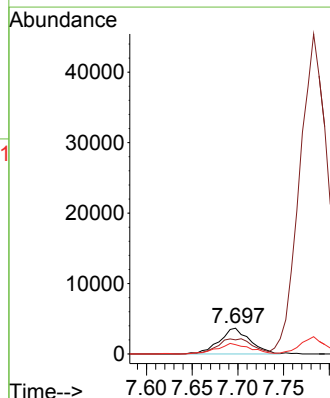
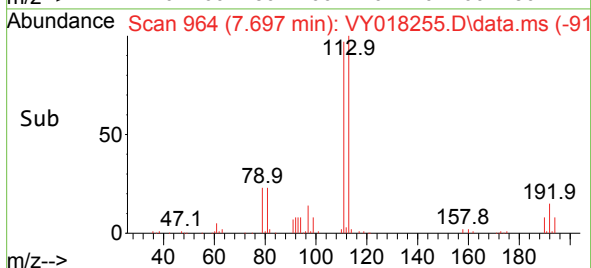
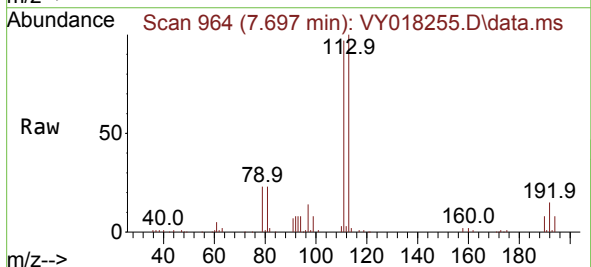


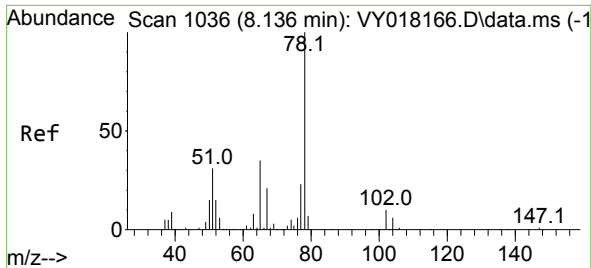
Tgt Ion: 56 Resp: 11530
Ion Ratio Lower Upper
56 100
69 75.1 28.7 43.1#
84 115.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 2.970 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 97 Resp: 8482
Ion Ratio Lower Upper
97 100
99 68.7 50.3 75.5
61 43.7 32.6 48.8

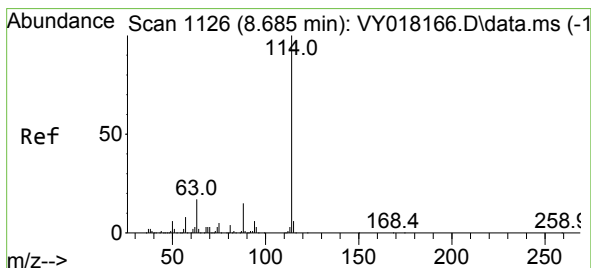
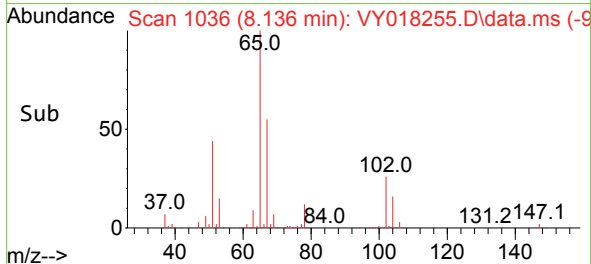
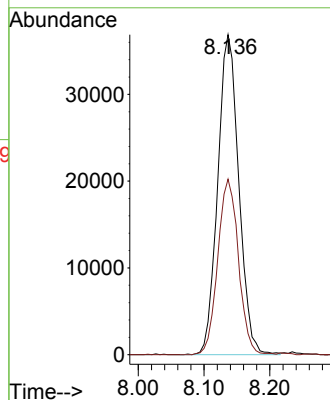
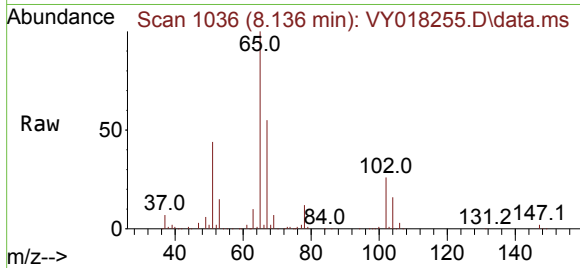




#33
 1,2-Dichloroethane-d4
 Concen: 58.883 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

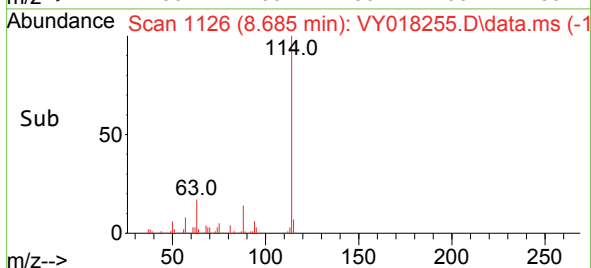
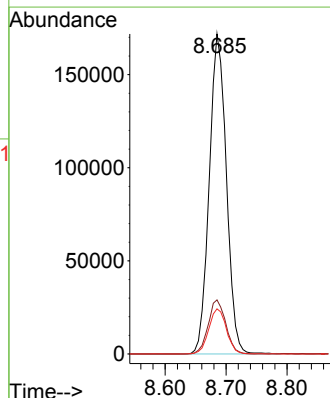
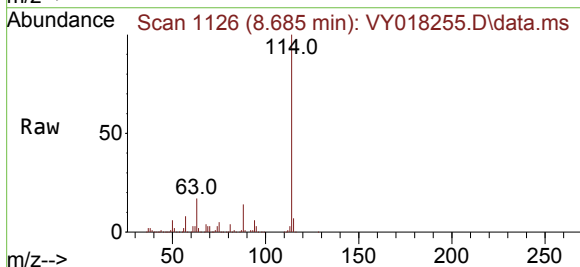
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

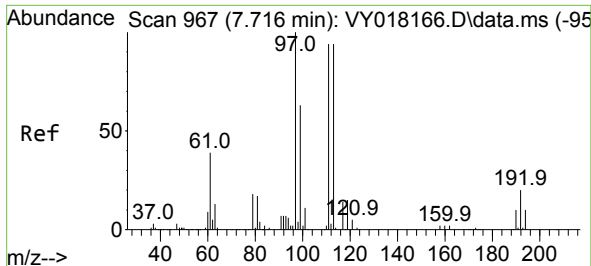
Tgt Ion: 65 Resp: 82244
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018255.D
 Acq: 14 May 2024 14:01

Tgt Ion: 114 Resp: 335792
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 14.1 0.0 27.2

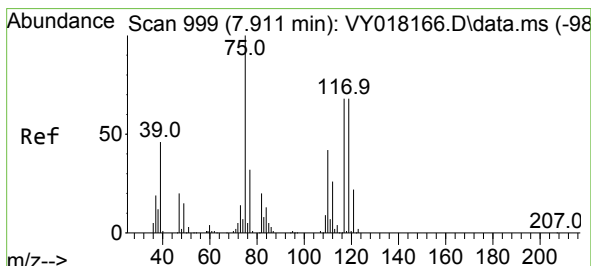
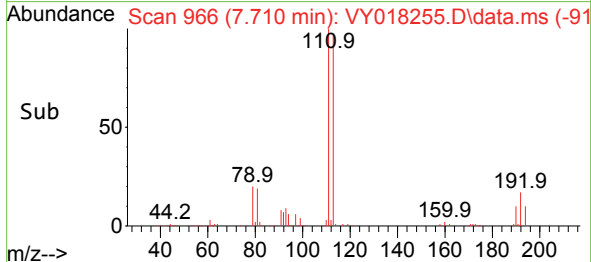
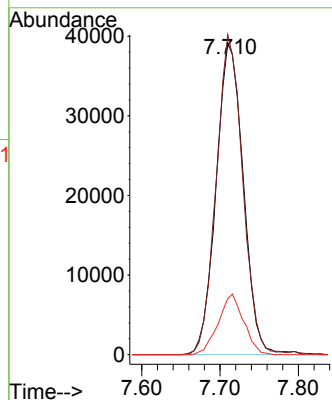
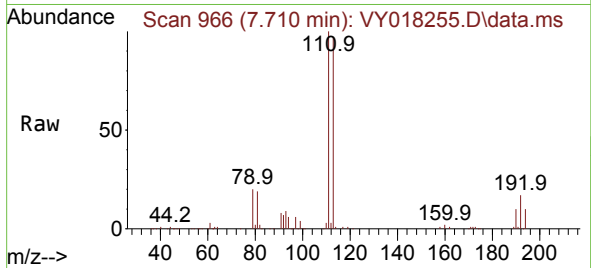




#35
Dibromofluoromethane
Concen: 53.297 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

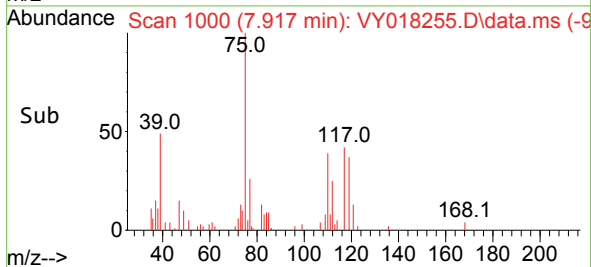
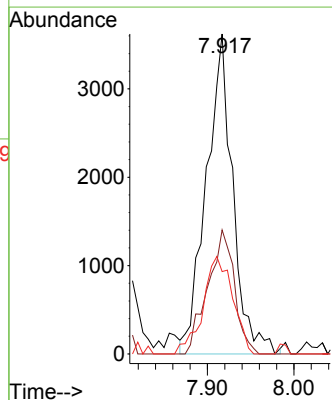
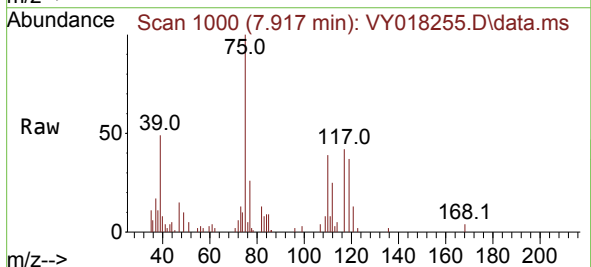
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

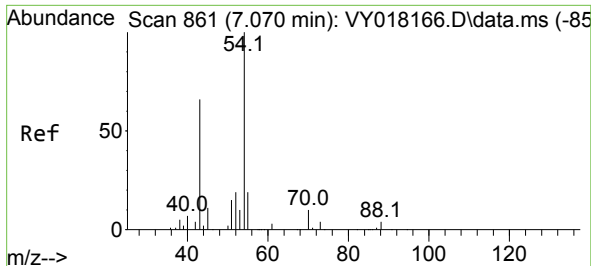
Tgt Ion:113 Resp: 94055
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.046 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 75 Resp: 7707
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 34.2 25.3 37.9





#37

Ethyl Acetate

Concen: 1.021 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

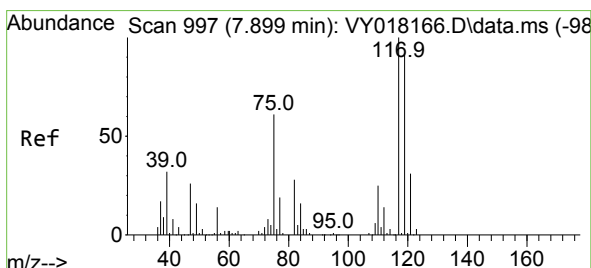
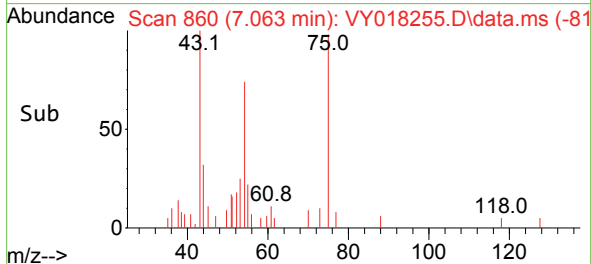
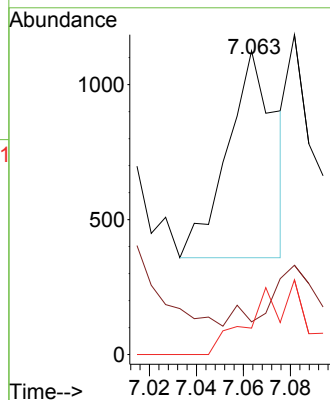
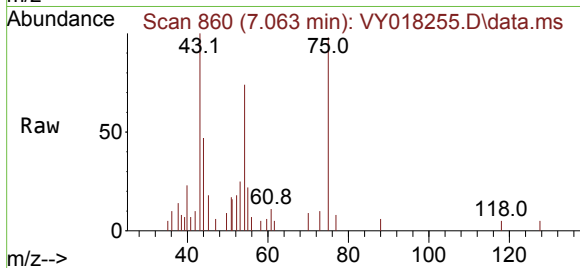
Tgt Ion: 43 Resp: 1087

Ion Ratio Lower Upper

43 100

61 59.5 12.6 19.0#

70 36.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.736 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

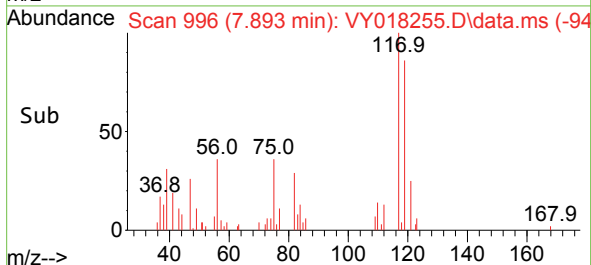
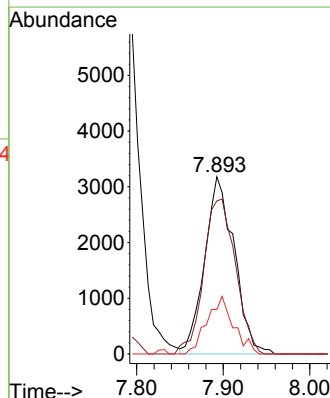
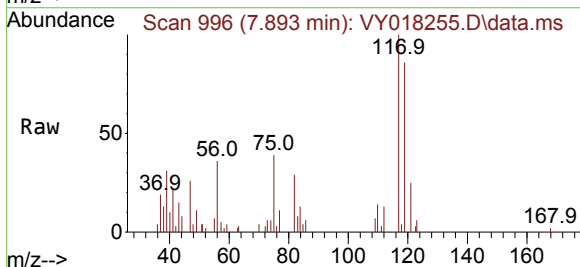
Tgt Ion: 117 Resp: 7564

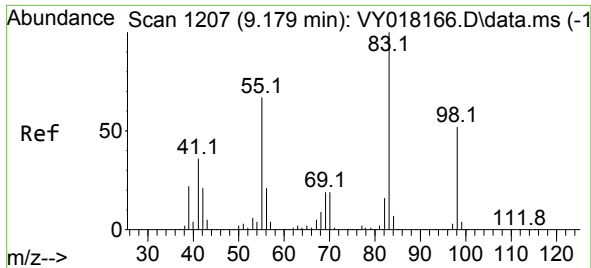
Ion Ratio Lower Upper

117 100

119 86.4 75.8 113.6

121 25.1 24.0 36.0

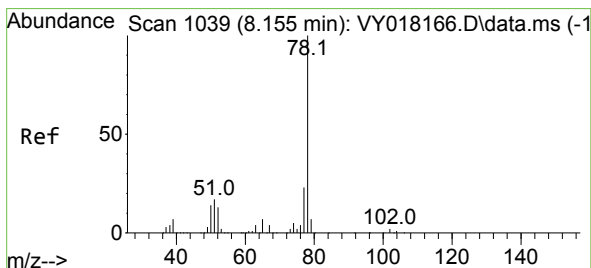
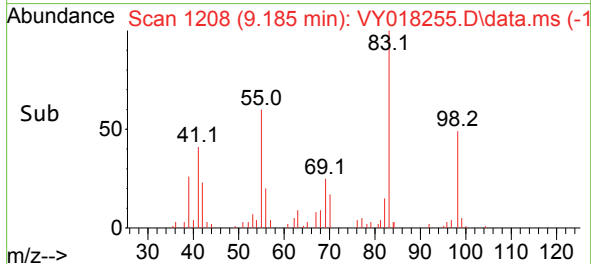
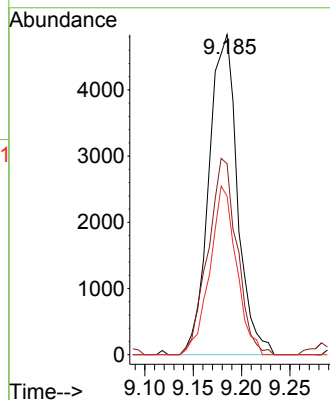
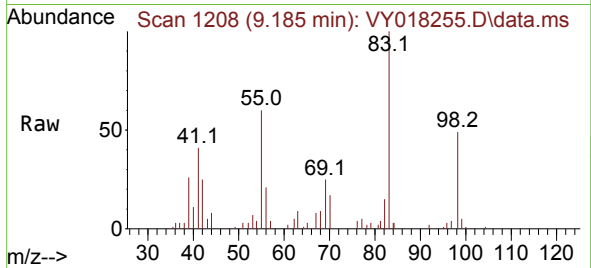




#39
Methylcyclohexane
Concen: 2.726 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

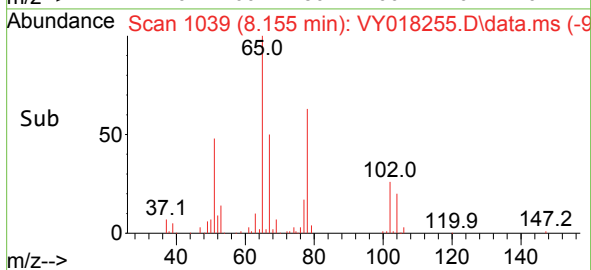
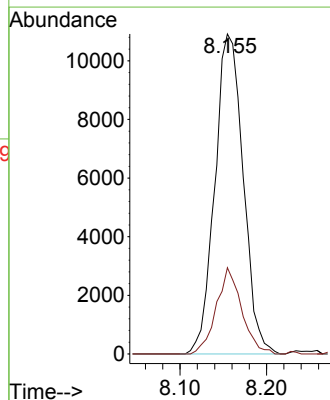
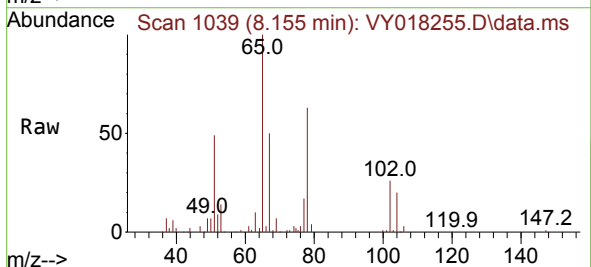
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

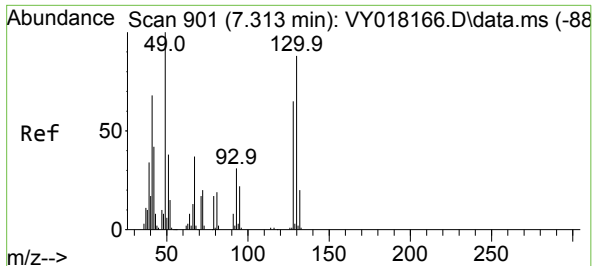
Tgt Ion: 83 Resp: 9948
Ion Ratio Lower Upper
83 100
55 59.7 51.5 77.3
98 49.5 40.5 60.7



#40
Benzene
Concen: 3.049 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

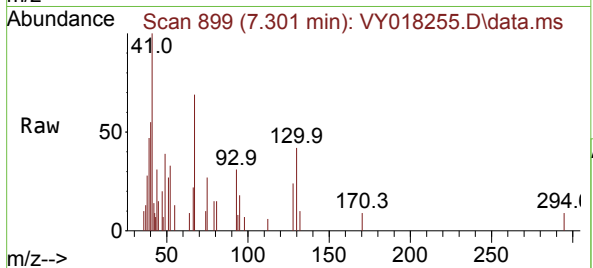
Tgt Ion: 78 Resp: 24814
Ion Ratio Lower Upper
78 100
77 27.0 19.5 29.3





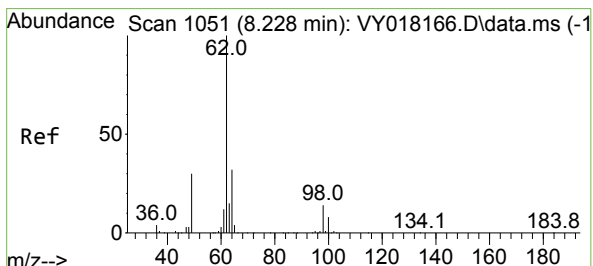
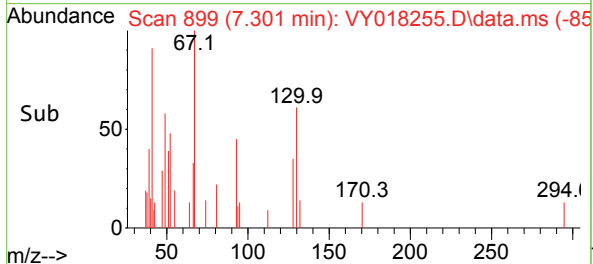
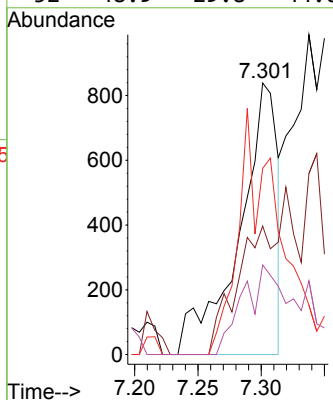
#41
Methacrylonitrile
Concen: 2.872 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 41 Resp: 1766

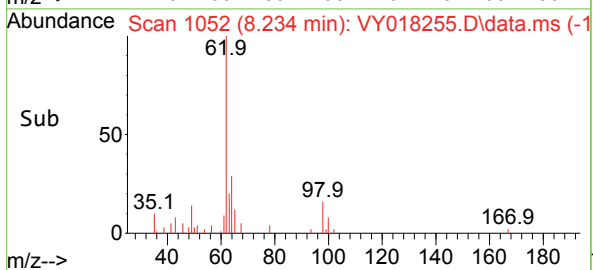
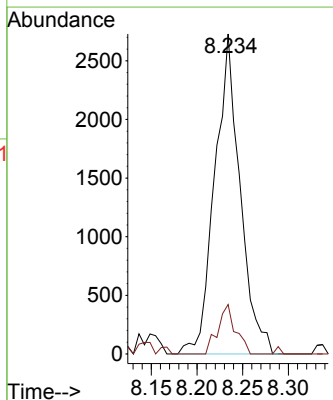
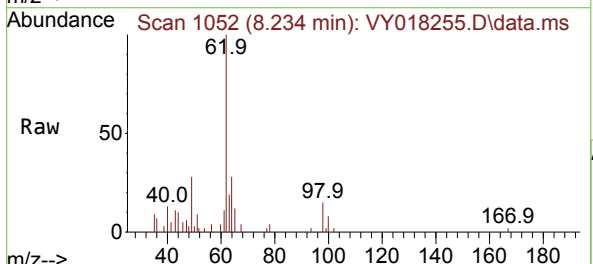
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	40.5	75.1	112.7#
52	48.9	29.8	44.6#

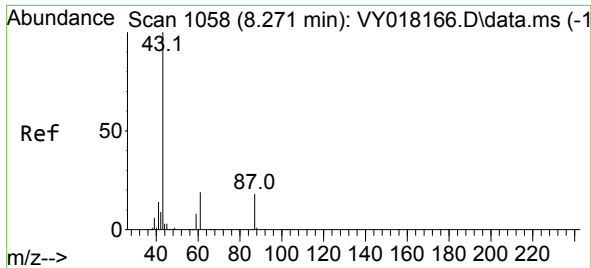


#42
1,2-Dichloroethane
Concen: 2.970 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 62 Resp: 5258

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

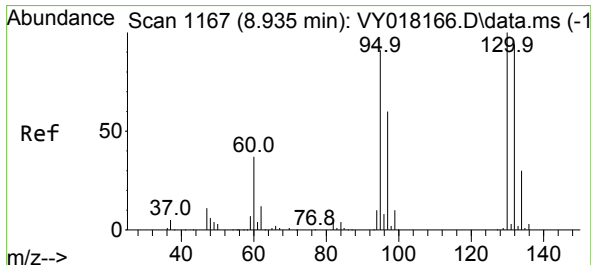
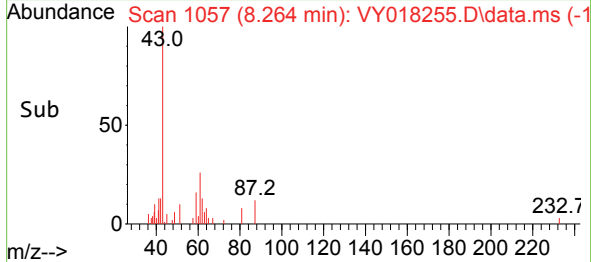
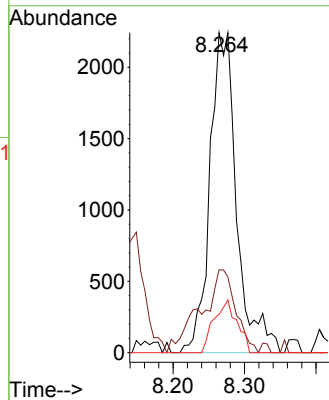
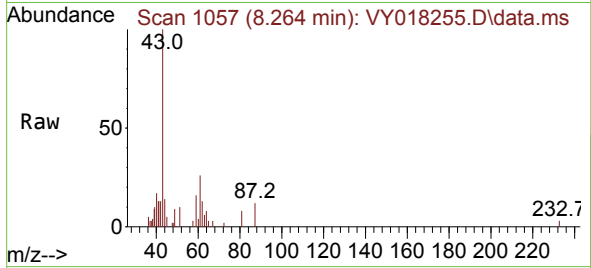




#43
Isopropyl Acetate
Concen: 2.675 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

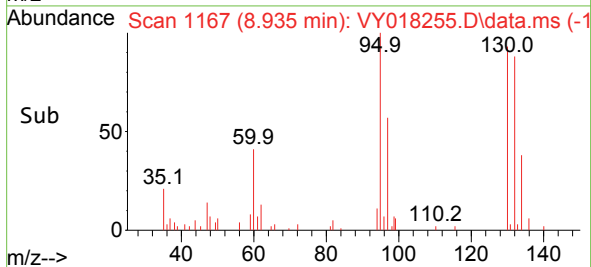
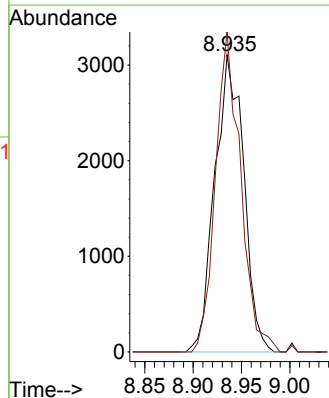
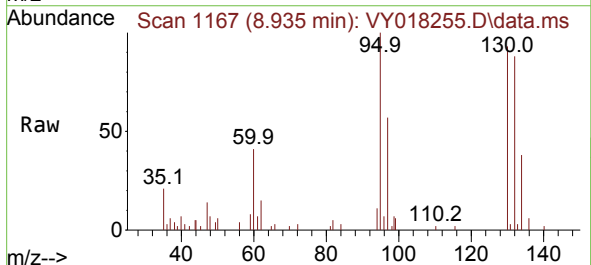
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

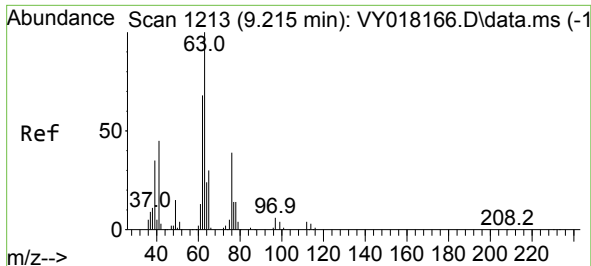
Tgt Ion: 43 Resp: 5838
Ion Ratio Lower Upper
43 100
61 20.5 27.9 41.9#
87 14.1 13.1 19.7



#44
Trichloroethene
Concen: 2.905 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion:130 Resp: 6435
Ion Ratio Lower Upper
130 100
95 107.7 0.0 188.0

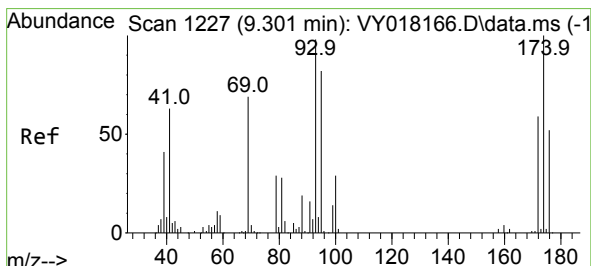
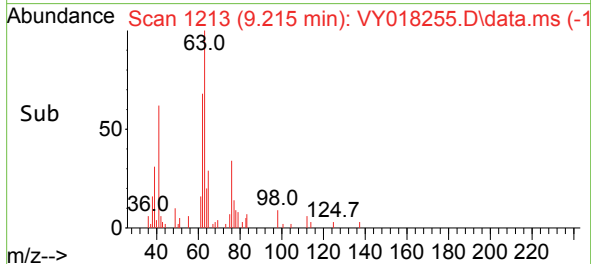
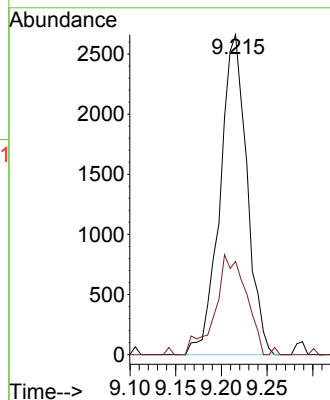
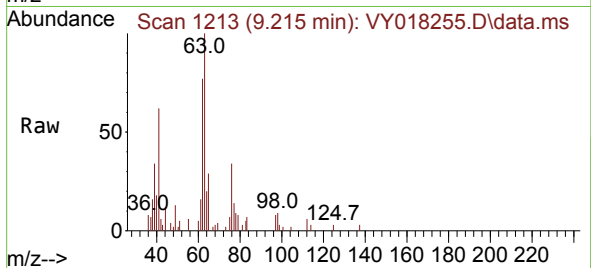




#45
1,2-Dichloropropane
Concen: 3.072 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

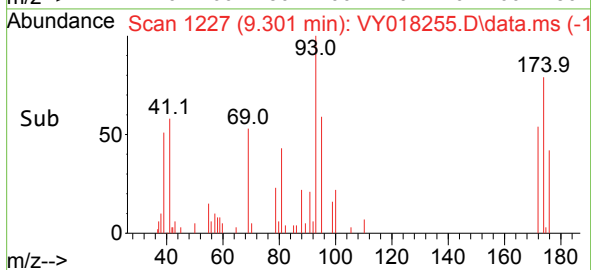
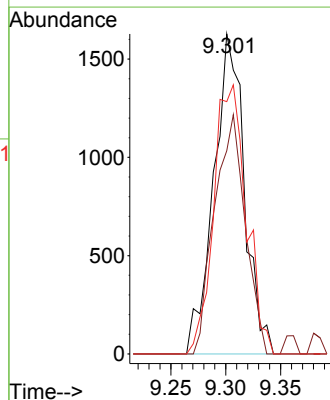
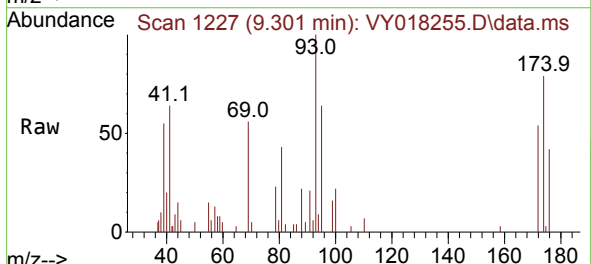
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

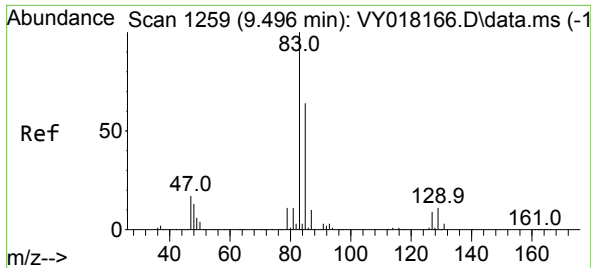
Tgt Ion: 63 Resp: 5465
Ion Ratio Lower Upper
63 100
65 29.2 25.4 38.2



#46
Dibromomethane
Concen: 3.095 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 93 Resp: 3165
Ion Ratio Lower Upper
93 100
95 75.0 66.2 99.4
174 89.3 80.9 121.3

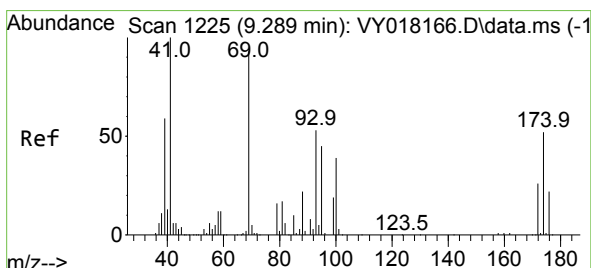
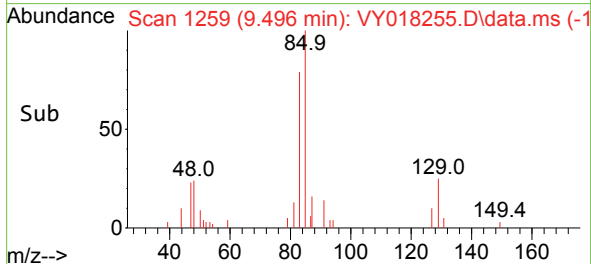
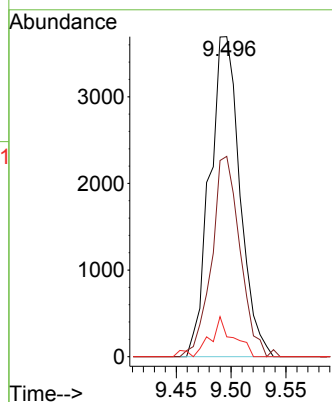
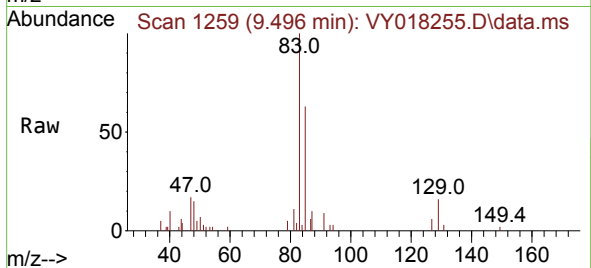




#47
Bromodichloromethane
Concen: 2.797 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

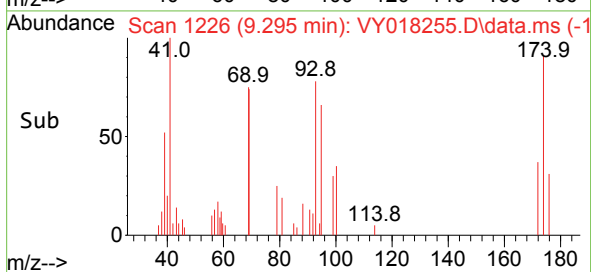
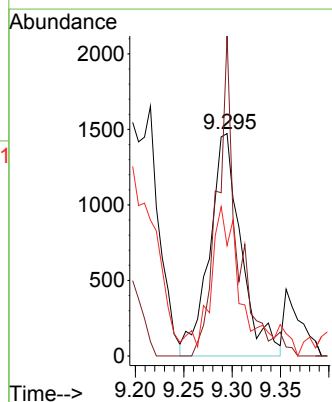
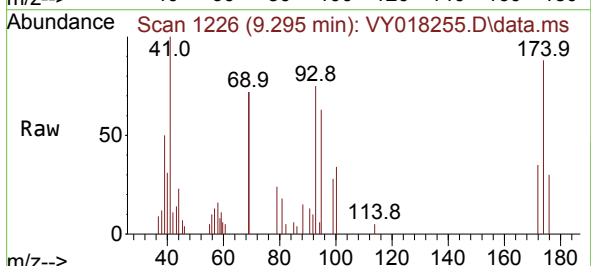
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

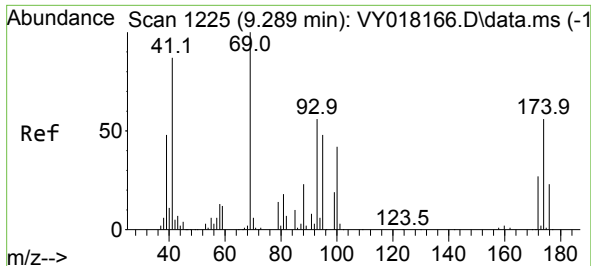
Tgt Ion: 83 Resp: 7072
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 6.2 7.4 11.0



#48
Methyl methacrylate
Concen: 3.339 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 41 Resp: 3340
Ion Ratio Lower Upper
41 100
69 92.1 84.1 126.1
39 63.1 43.6 65.4





#49

1,4-Dioxane

Concen: 35.283 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

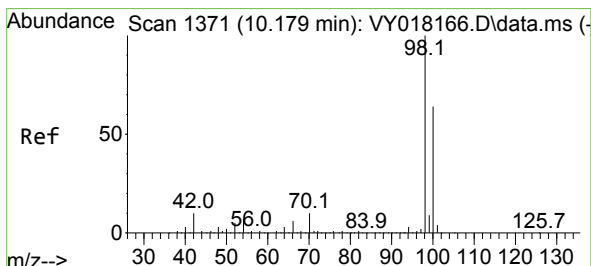
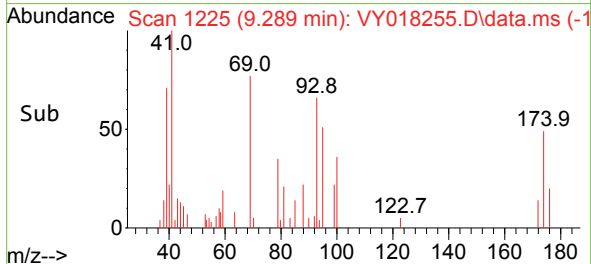
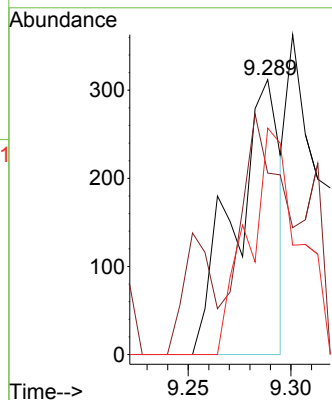
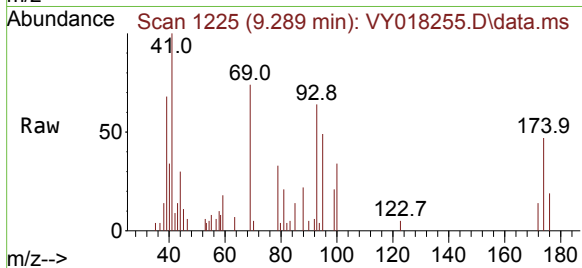
Tgt Ion: 88 Resp: 479

Ion Ratio Lower Upper

88 100

43 109.4 0.0 0.0#

58 91.6 49.3 73.9#



#50

Toluene-d8

Concen: 54.241 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018255.D

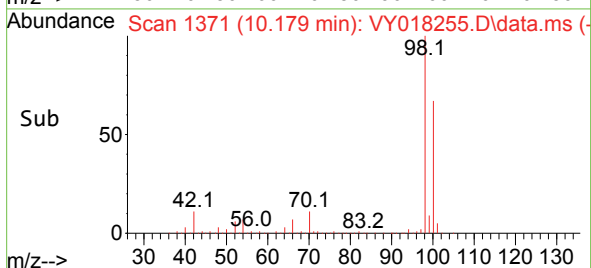
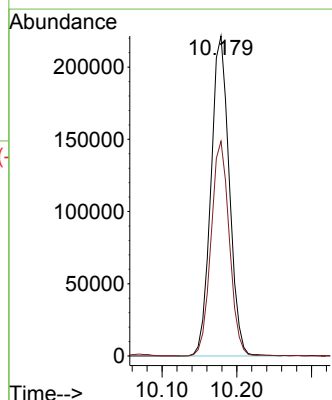
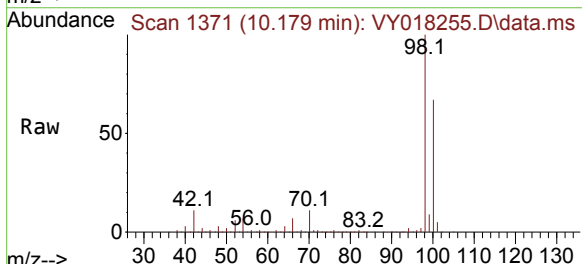
Acq: 14 May 2024 14:01

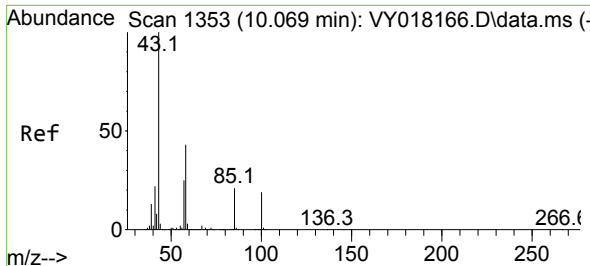
Tgt Ion: 98 Resp: 377200

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

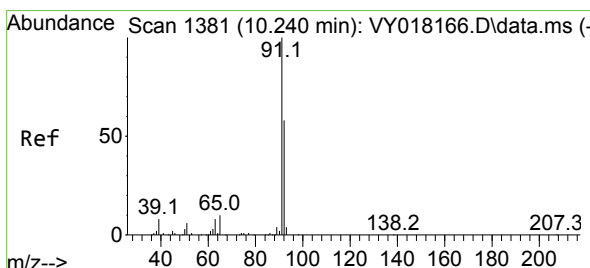
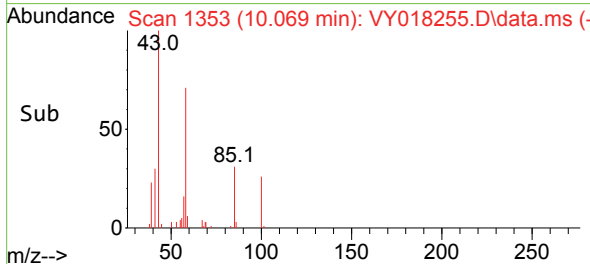
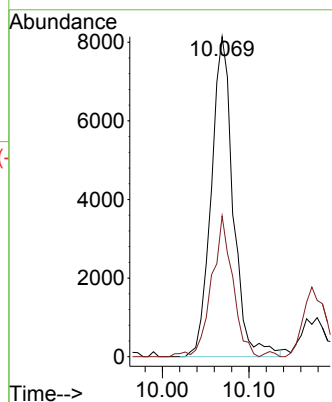
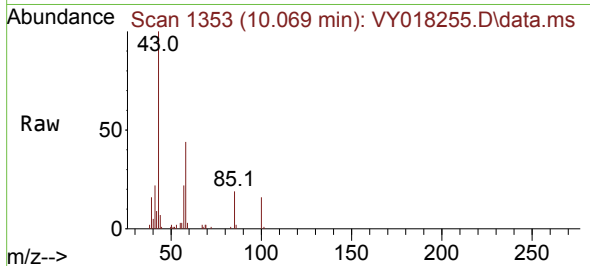




#51
4-Methyl-2-Pentanone
Concen: 13.090 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

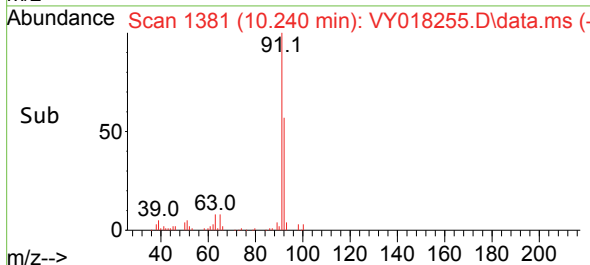
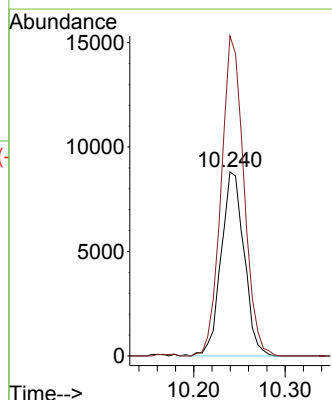
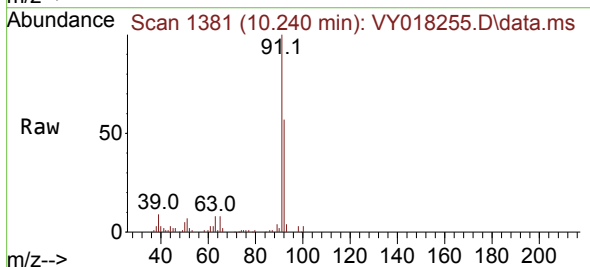
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

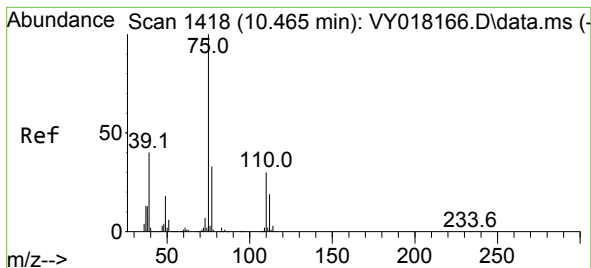
Tgt Ion: 43 Resp: 14359
Ion Ratio Lower Upper
43 100
58 42.2 35.7 53.5



#52
Toluene
Concen: 2.942 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 92 Resp: 15411
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.6

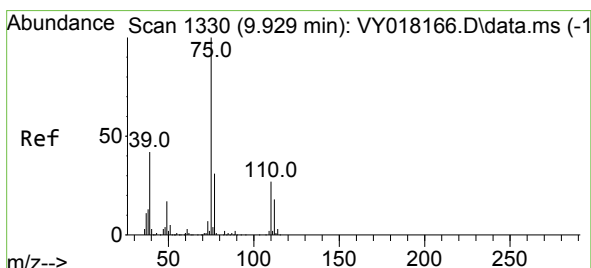
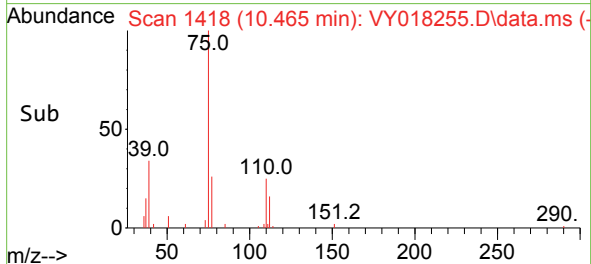
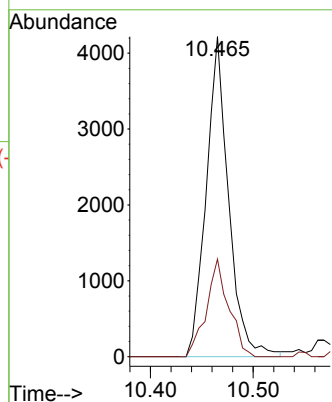
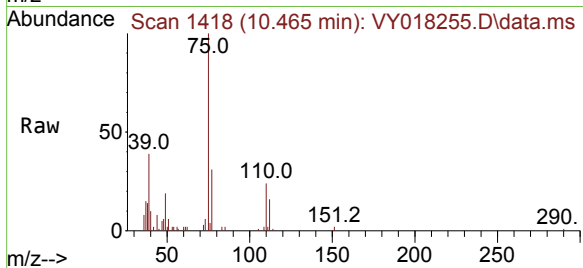




#53
t-1,3-Dichloropropene
Concen: 2.700 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

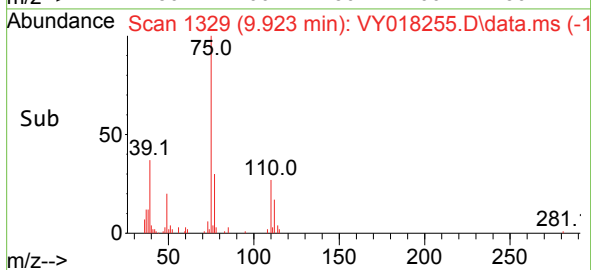
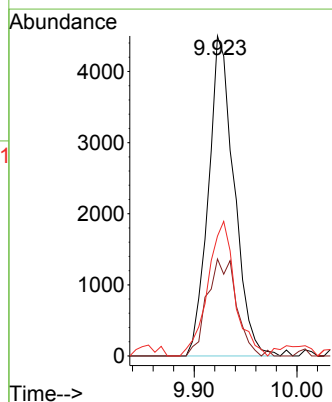
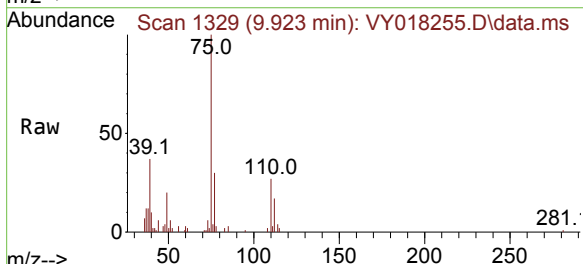
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

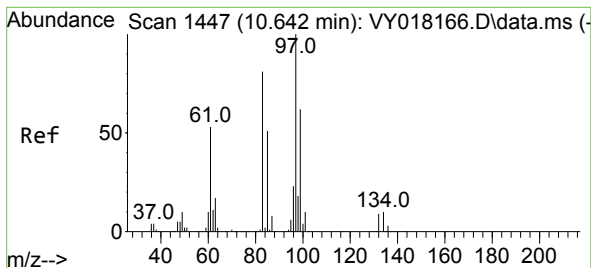
Tgt Ion: 75 Resp: 6377
Ion Ratio Lower Upper
75 100
77 30.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 2.704 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 75 Resp: 7806
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 37.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 2.779 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 97 Resp: 3905

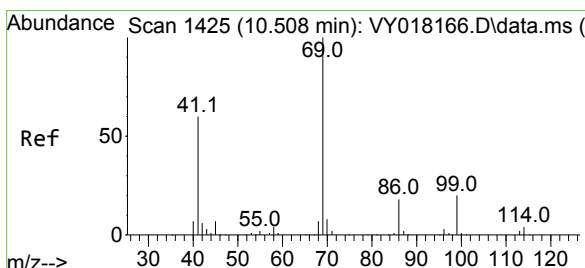
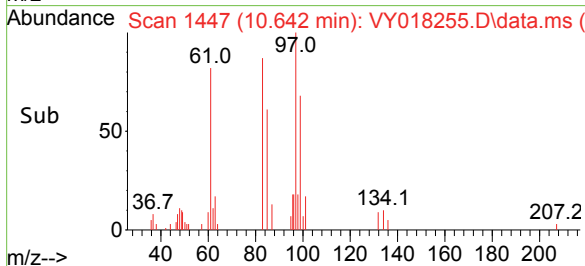
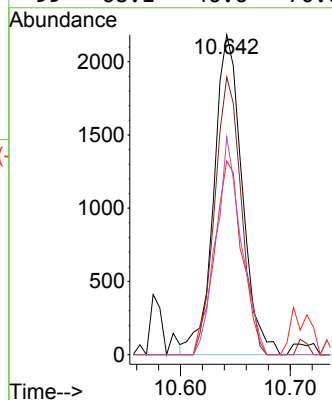
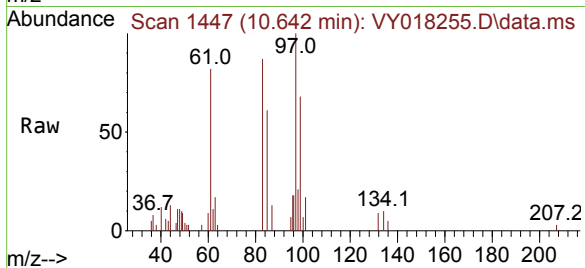
Ion Ratio Lower Upper

97 100

83 86.7 67.5 101.3

85 60.5 42.9 64.3

99 68.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 2.601 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

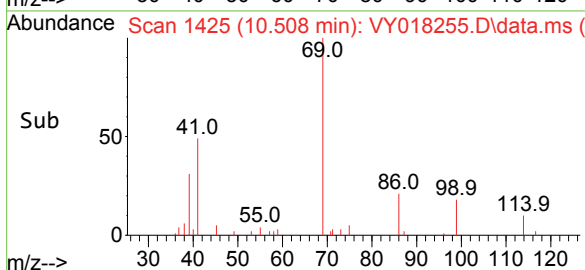
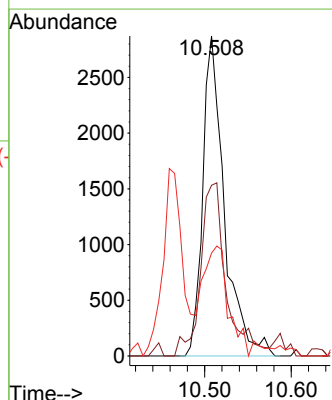
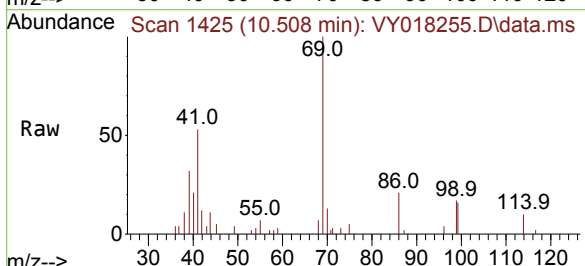
Tgt Ion: 69 Resp: 4964

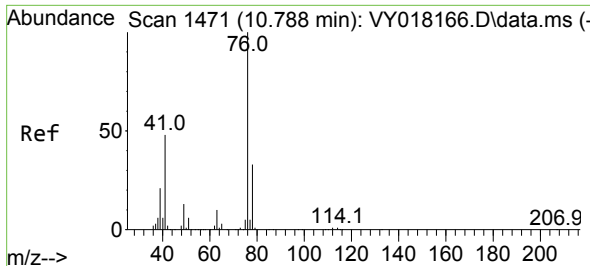
Ion Ratio Lower Upper

69 100

41 64.3 42.3 63.5#

39 36.9 22.9 34.3#

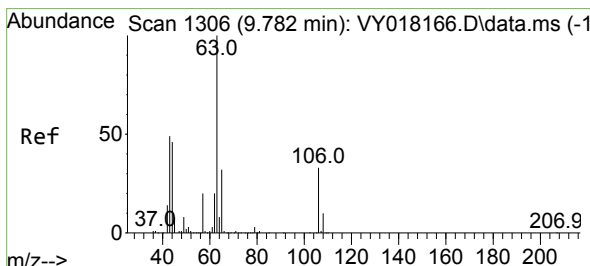
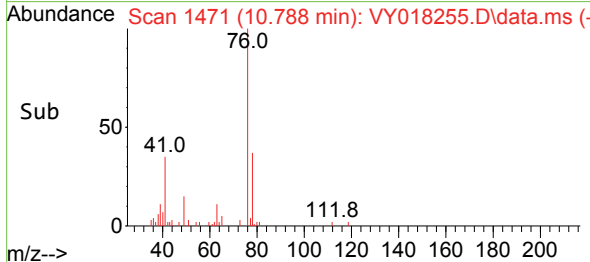
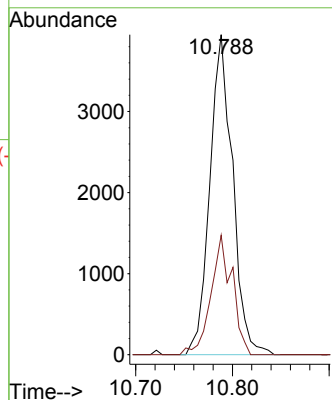
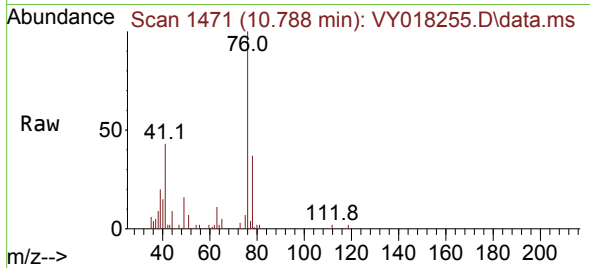




#57
1,3-Dichloropropane
Concen: 2.828 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

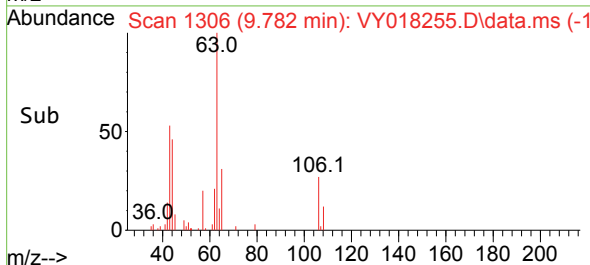
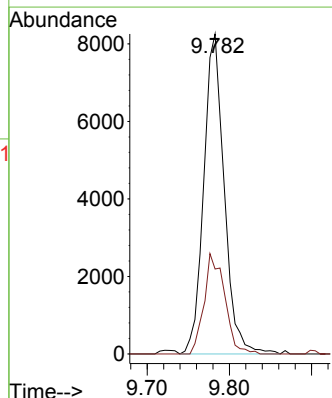
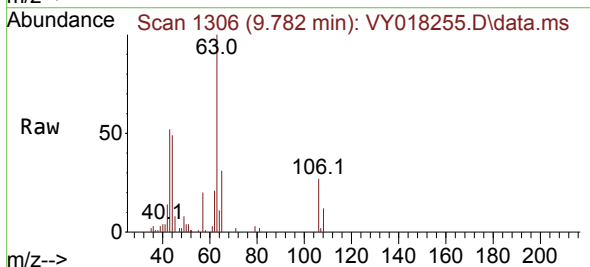
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

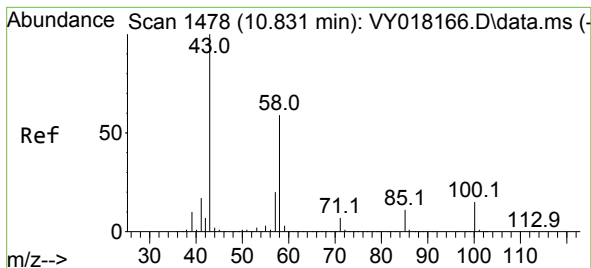
Tgt Ion: 76 Resp: 6466
Ion Ratio Lower Upper
76 100
78 34.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 15.691 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 63 Resp: 14297
Ion Ratio Lower Upper
63 100
106 31.5 23.7 35.5

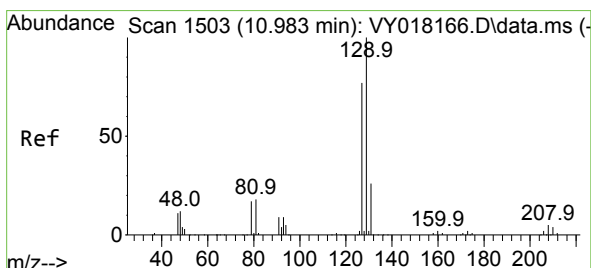
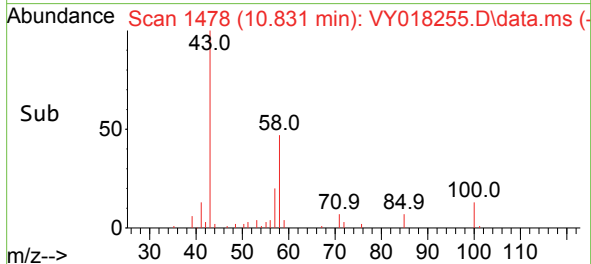
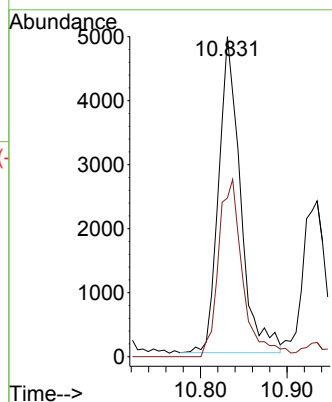
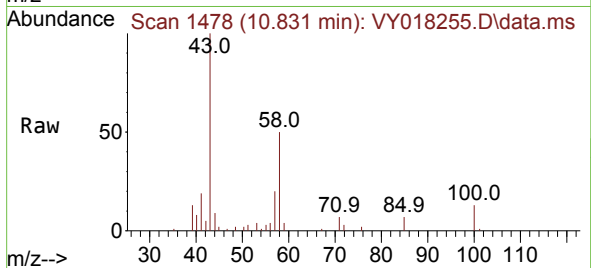




#59
2-Hexanone
Concen: 11.253 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

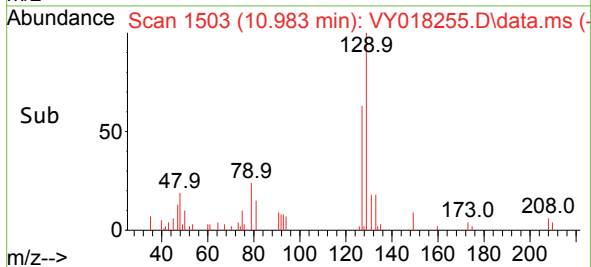
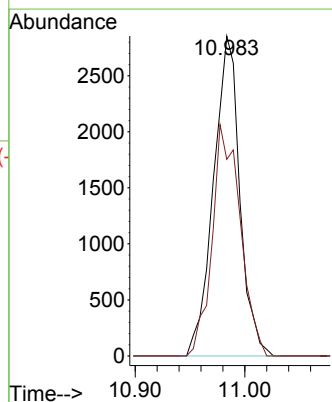
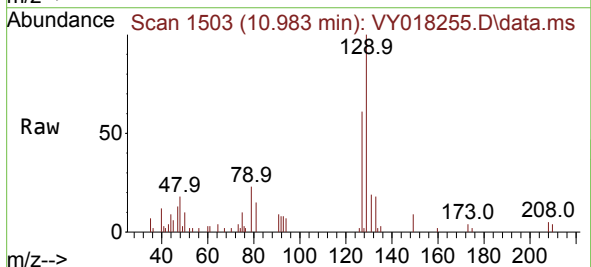
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

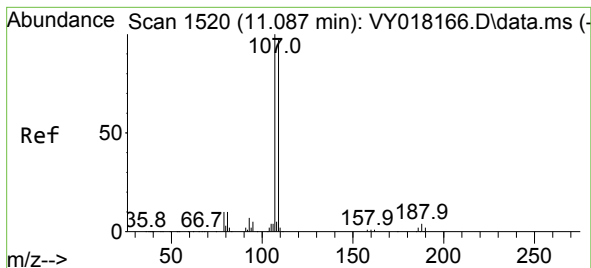
Tgt Ion: 43 Resp: 8631
Ion Ratio Lower Upper
43 100
58 62.3 31.4 94.0



#60
Dibromochloromethane
Concen: 2.609 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 129 Resp: 4755
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

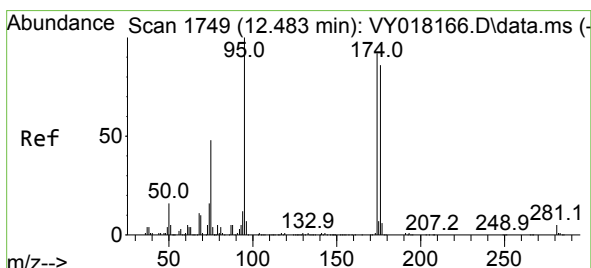
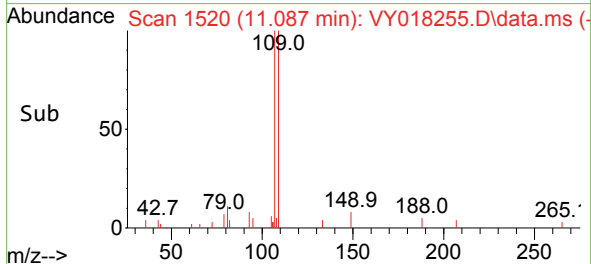
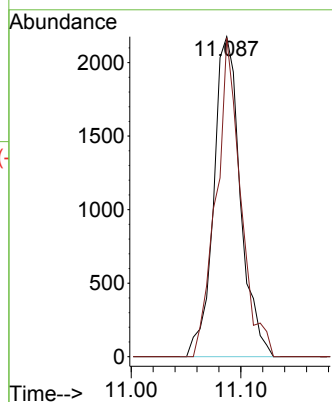
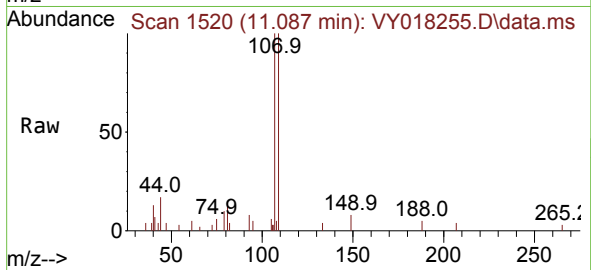




#61
1,2-Dibromoethane
Concen: 2.787 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

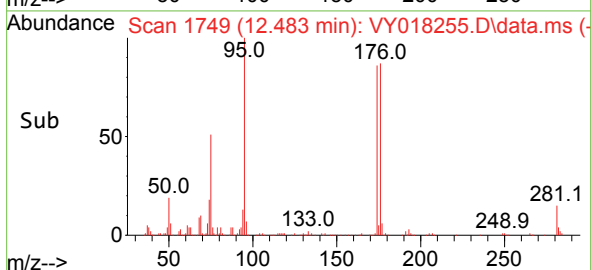
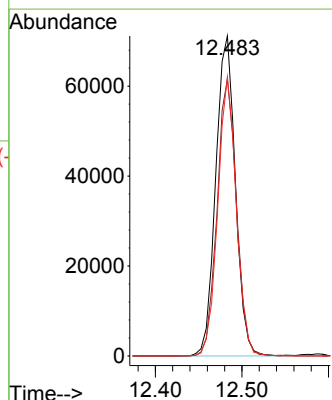
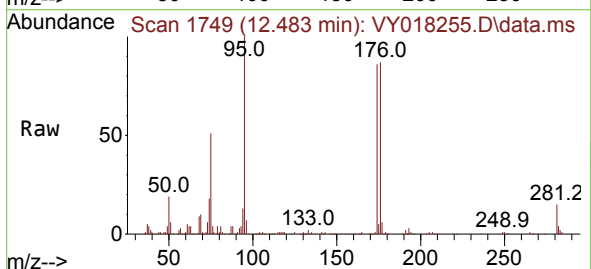
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

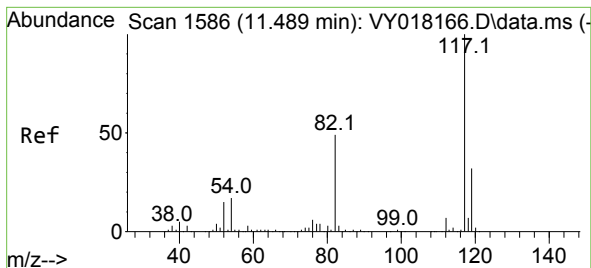
Tgt Ion:107 Resp: 3688
Ion Ratio Lower Upper
107 100
109 91.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.886 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 95 Resp: 112034
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.6
176 82.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

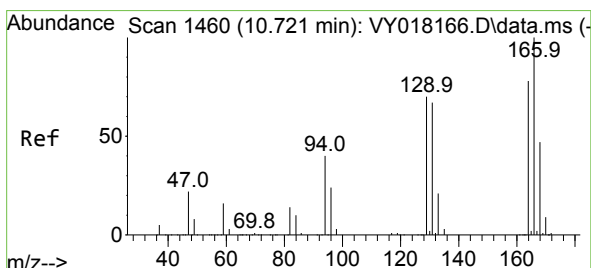
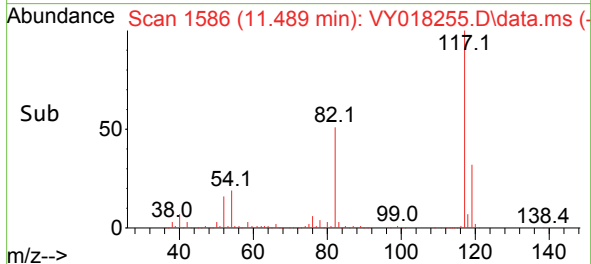
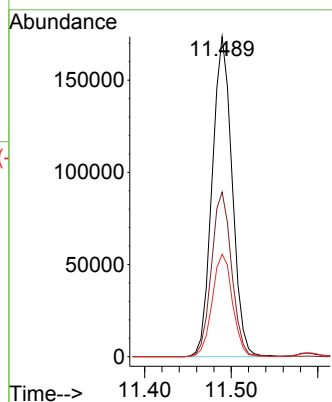
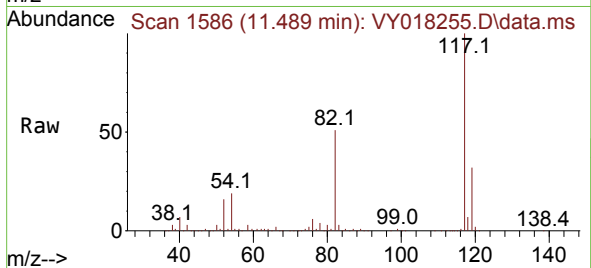
Tgt Ion:117 Resp: 278043

Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 3.150 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Tgt Ion:164 Resp: 5832

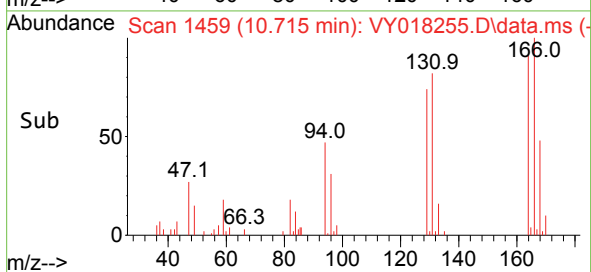
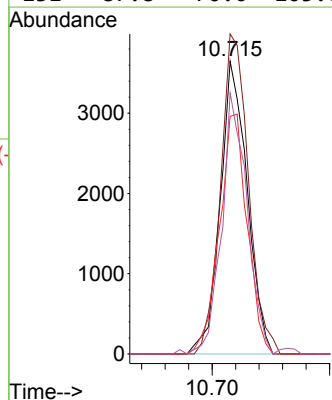
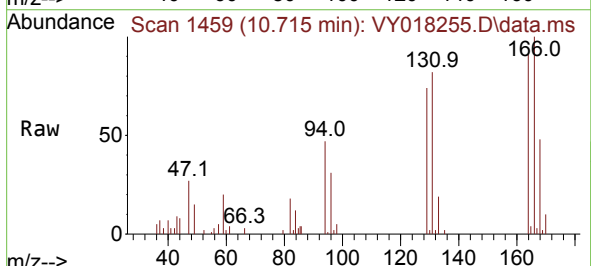
Ion Ratio Lower Upper

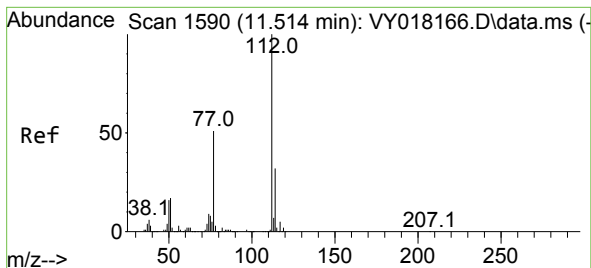
164 100

166 109.4 102.6 154.0

129 81.2 72.0 108.0

131 87.8 70.0 105.0





#65

Chlorobenzene

Concen: 2.870 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

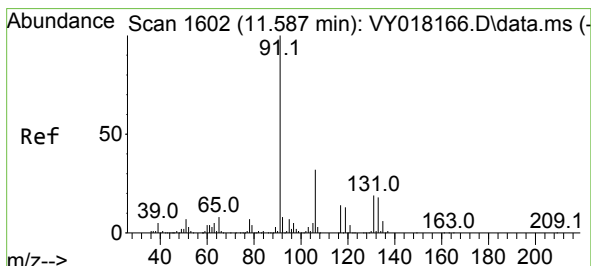
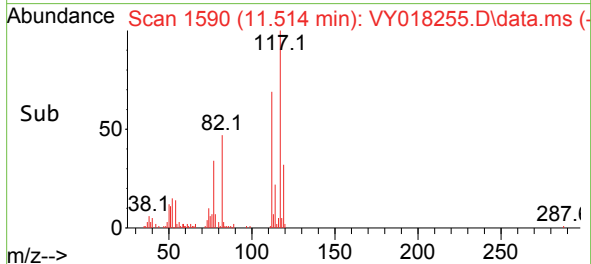
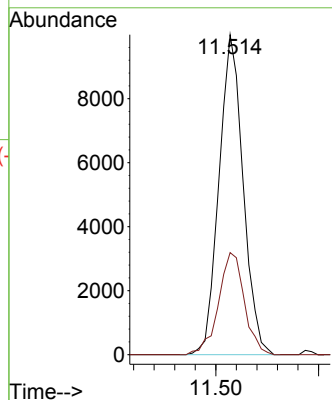
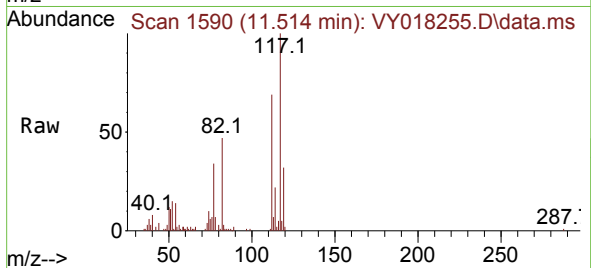
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:112 Resp: 16252

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 2.592 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

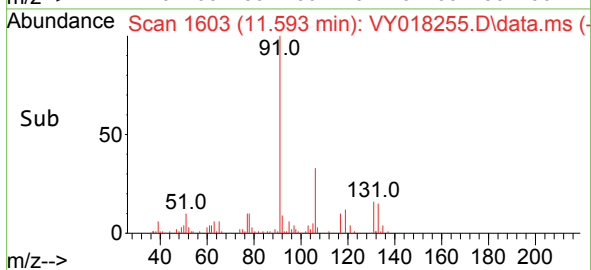
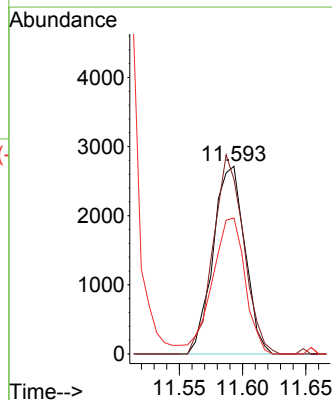
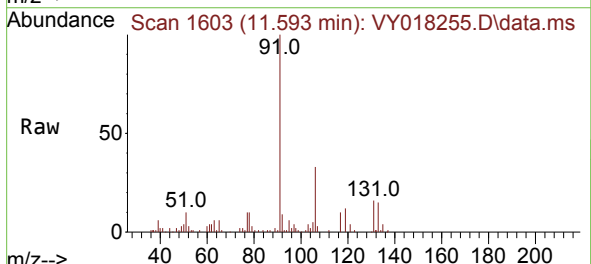
Tgt Ion:131 Resp: 4748

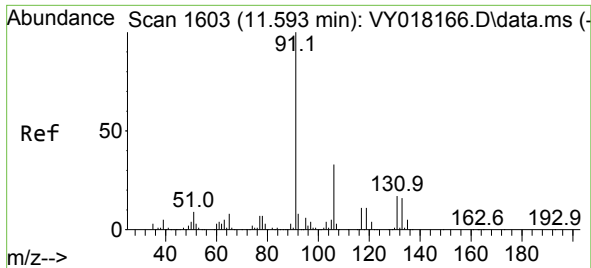
Ion Ratio Lower Upper

131 100

133 101.3 47.8 143.3

119 75.0 34.1 102.2

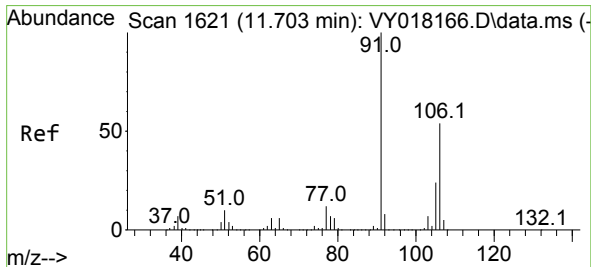
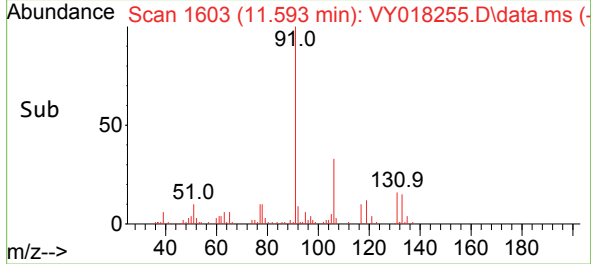
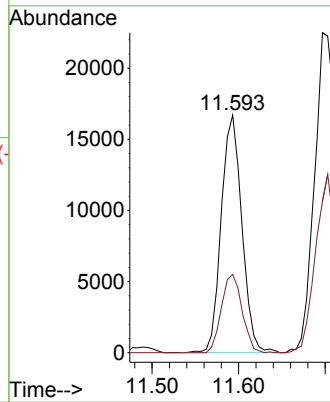
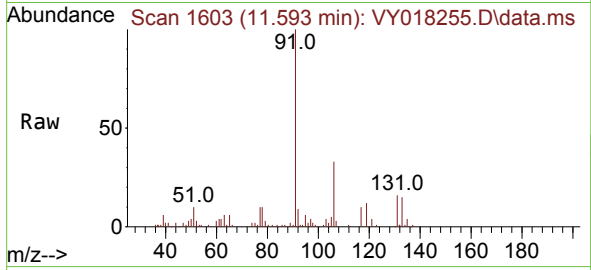




#67
Ethyl Benzene
Concen: 2.890 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

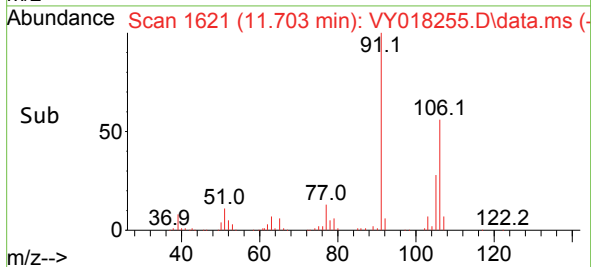
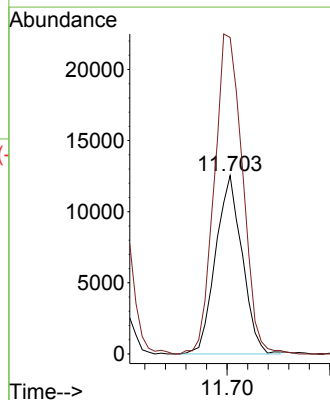
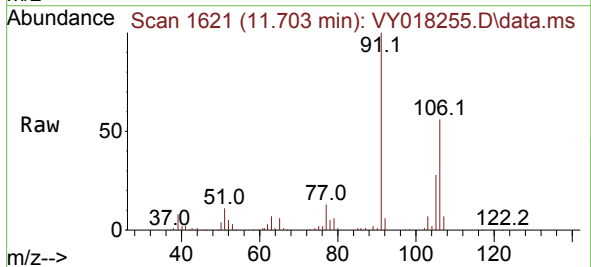
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

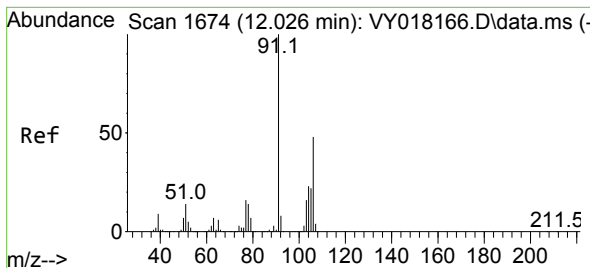
Tgt Ion: 91 Resp: 27630
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7



#68
m/p-Xylenes
Concen: 5.953 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 106 Resp: 22508
Ion Ratio Lower Upper
106 100
91 190.3 156.0 234.0





#69

o-Xylene

Concen: 2.876 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

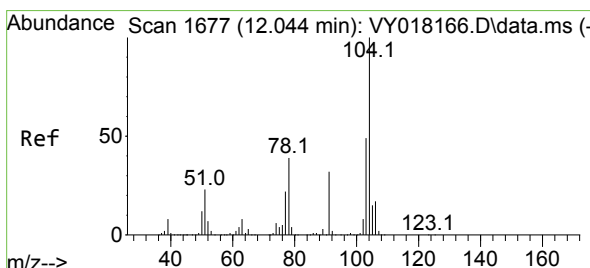
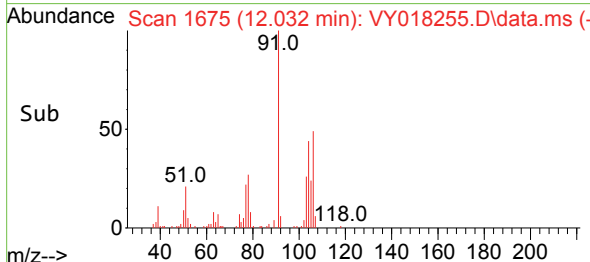
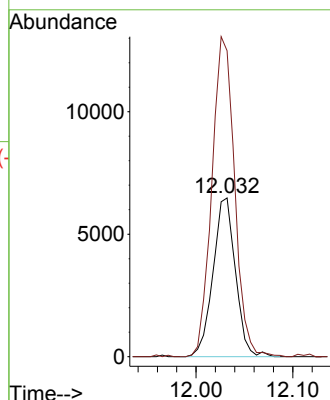
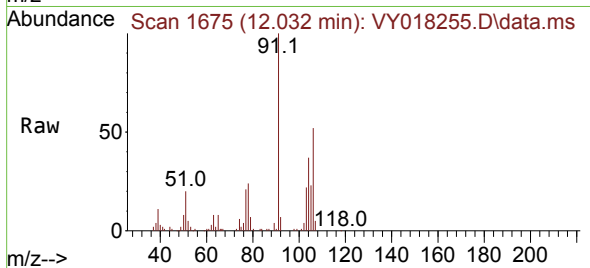
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:106 Resp: 10434

Ion Ratio Lower Upper

106 100

91 204.6 103.6 310.8



#70

Styrene

Concen: 2.740 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

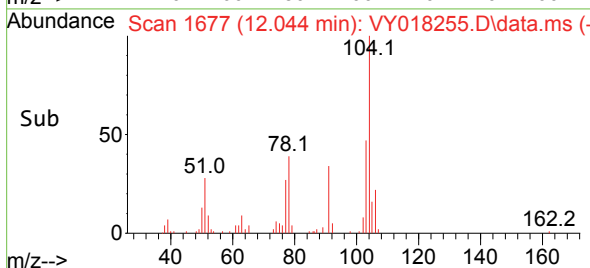
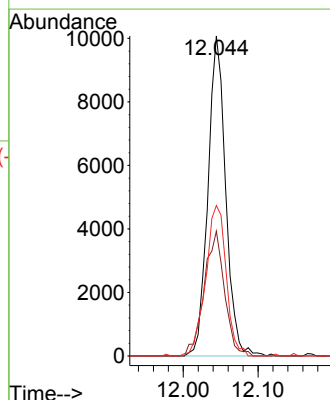
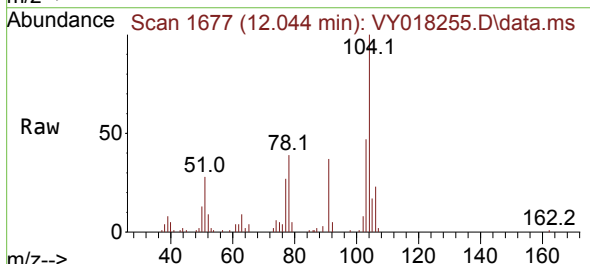
Tgt Ion:104 Resp: 16602

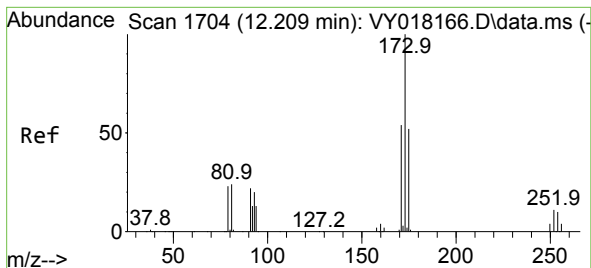
Ion Ratio Lower Upper

104 100

78 44.7 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 2.468 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

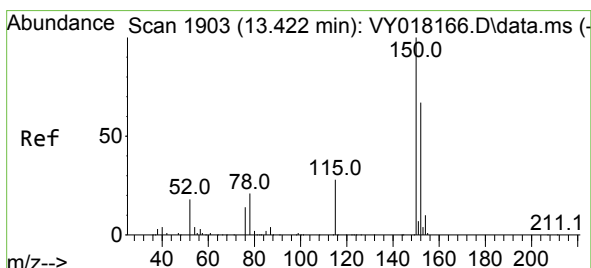
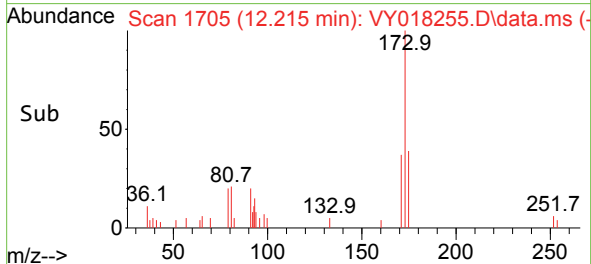
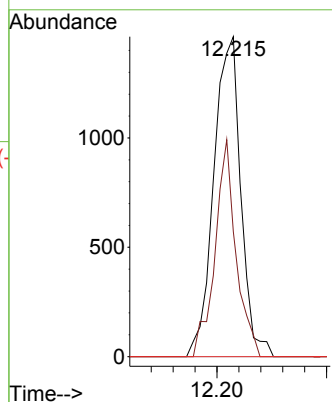
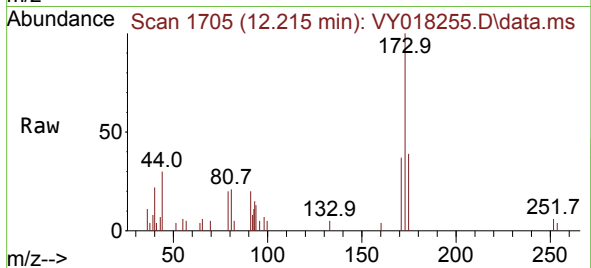
Tgt Ion:173 Resp: 2501

Ion Ratio Lower Upper

173 100

175 52.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

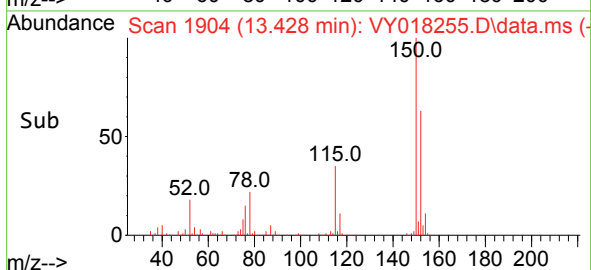
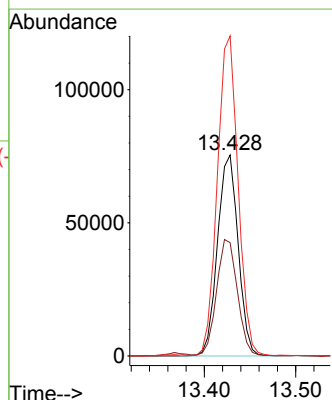
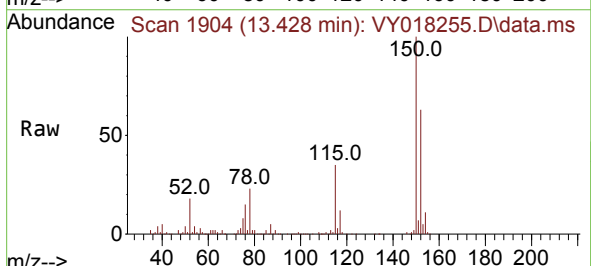
Tgt Ion:152 Resp: 118614

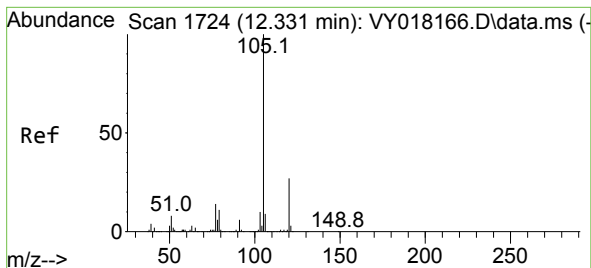
Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 159.3 0.0 345.6





#73

Isopropylbenzene

Concen: 2.953 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

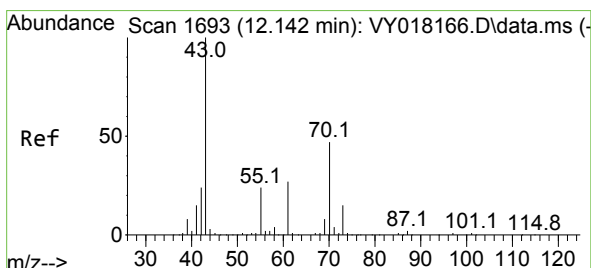
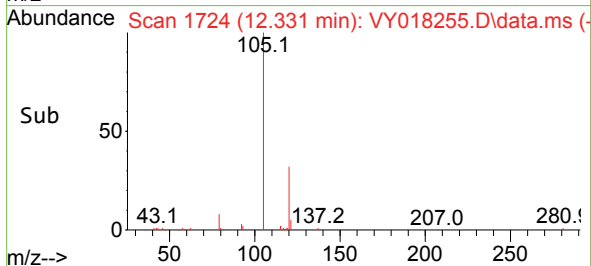
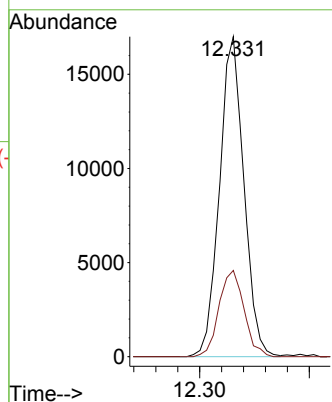
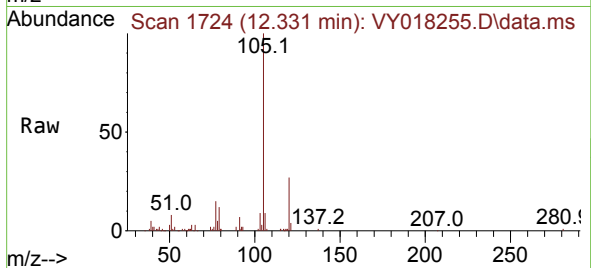
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:105 Resp: 26264

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 2.743 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Tgt Ion: 43 Resp: 5063

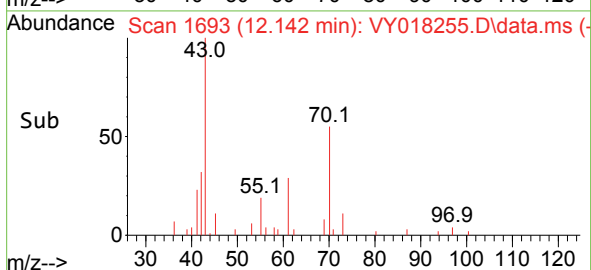
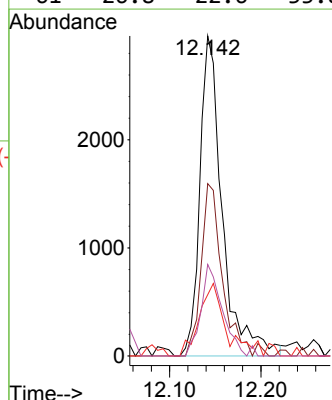
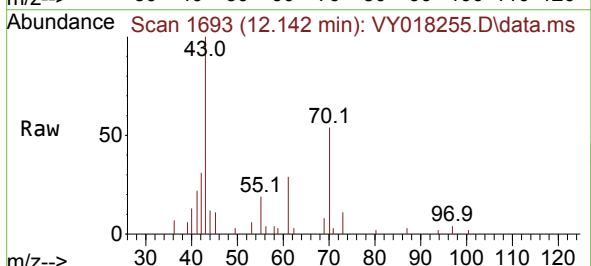
Ion Ratio Lower Upper

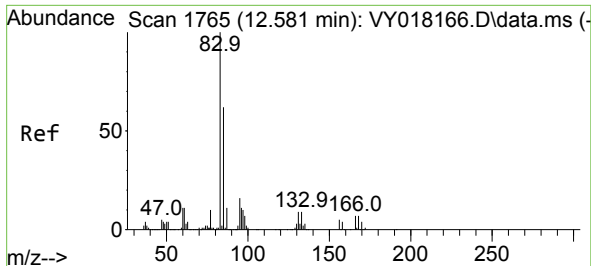
43 100

70 49.9 41.4 62.2

55 26.9 23.3 34.9

61 26.8 22.6 33.8

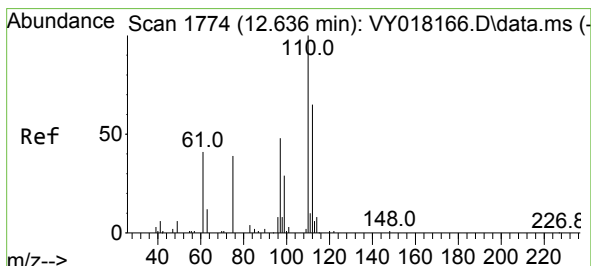
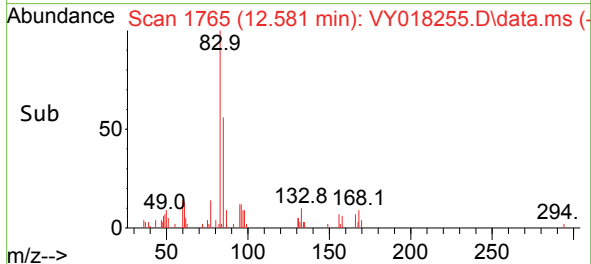
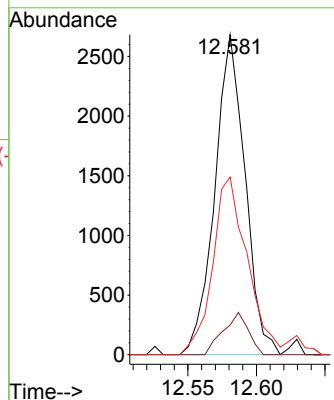
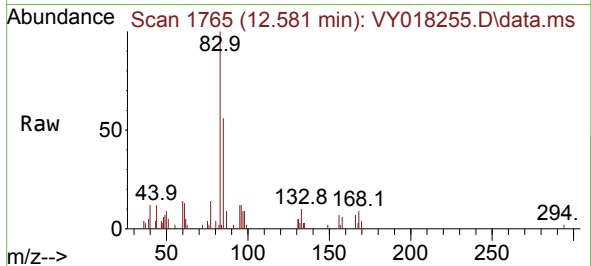




#75
1,1,2,2-Tetrachloroethane
Concen: 2.907 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

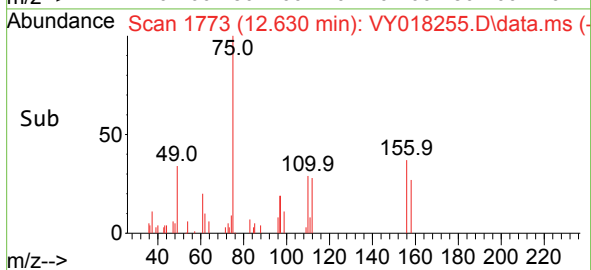
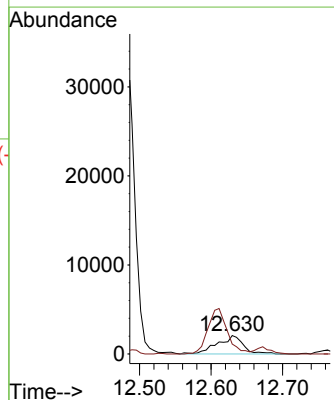
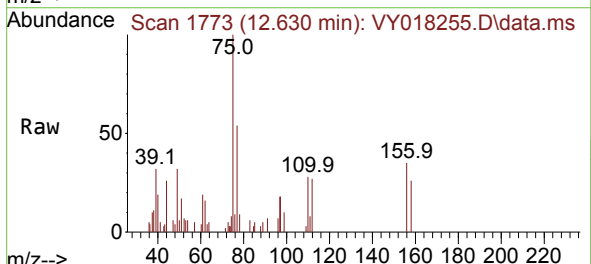
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

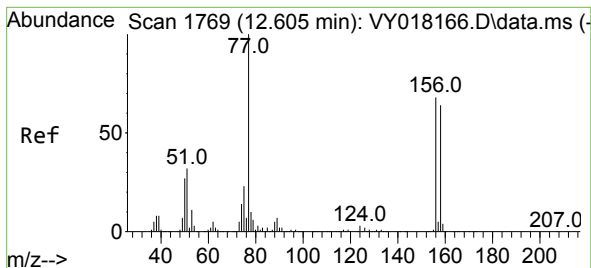
Tgt Ion: 83 Resp: 4124
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 5.491 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 75 Resp: 5213
Ion Ratio Lower Upper
75 100
77 185.5 0.0 0.0#





#77

Bromobenzene

Concen: 3.014 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

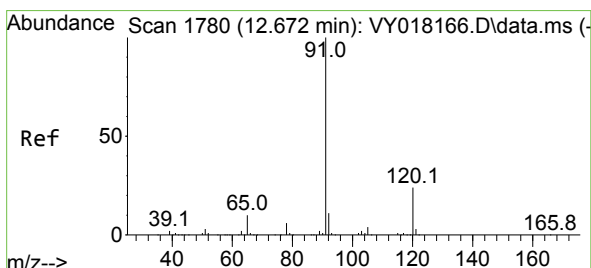
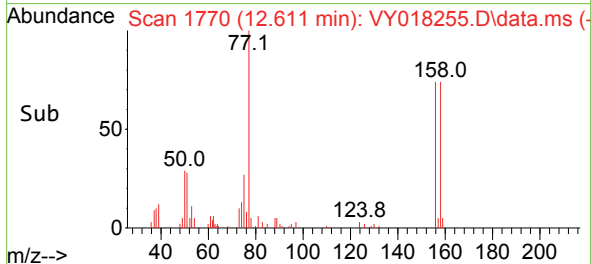
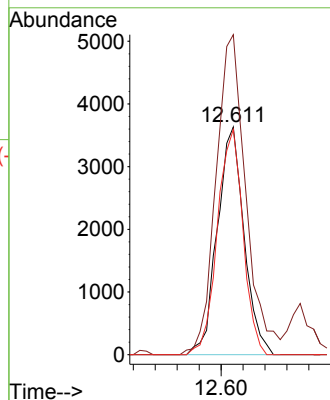
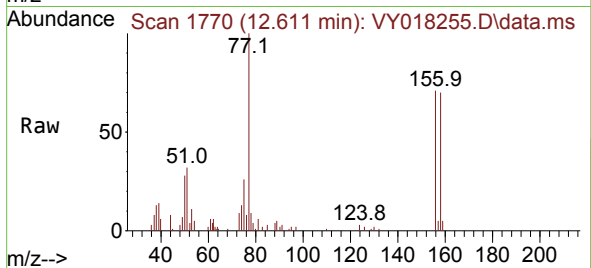
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	156	Resp:	6158
Ion Ratio	Lower	Upper	
156	100		
77	157.0	87.1	261.3
158	94.7	48.6	145.9



#78

n-propylbenzene

Concen: 3.084 ug/l

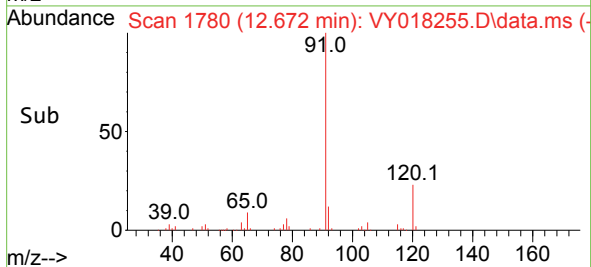
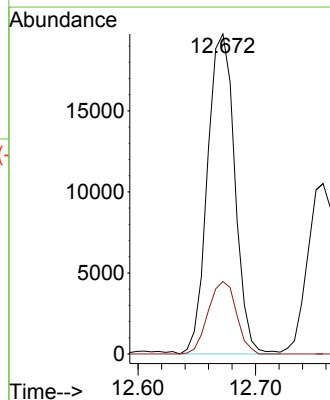
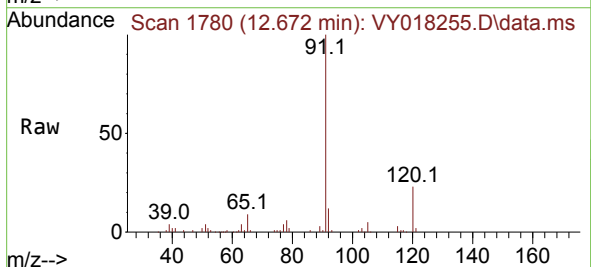
RT: 12.672 min Scan# 1780

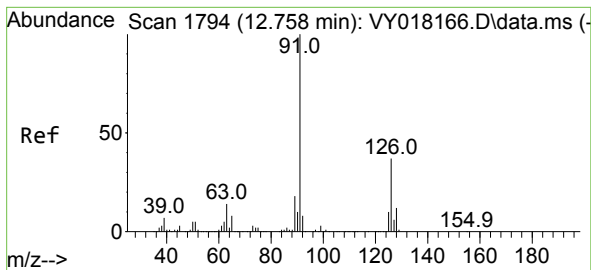
Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Tgt Ion:	91	Resp:	31902
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4

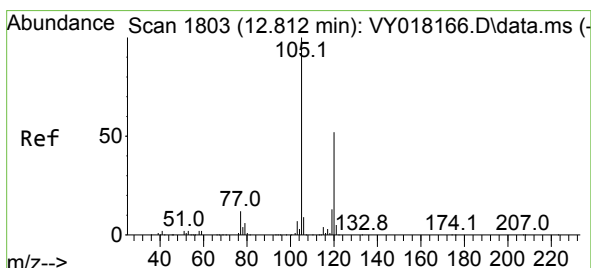
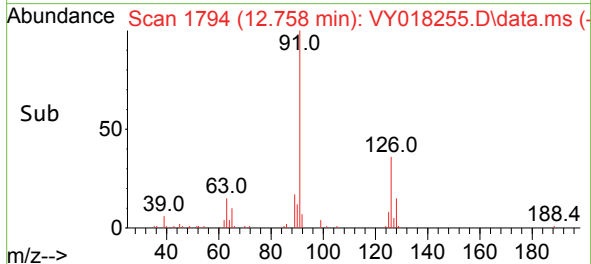
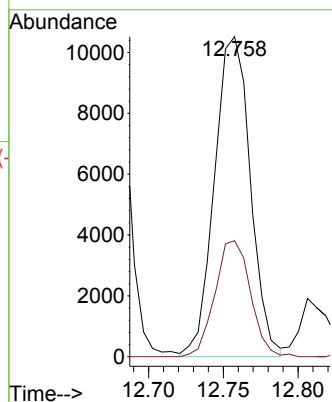
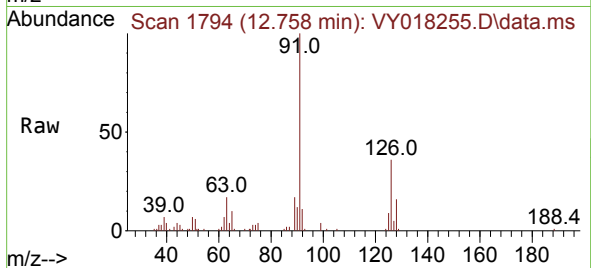




#79
2-Chlorotoluene
Concen: 3.054 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

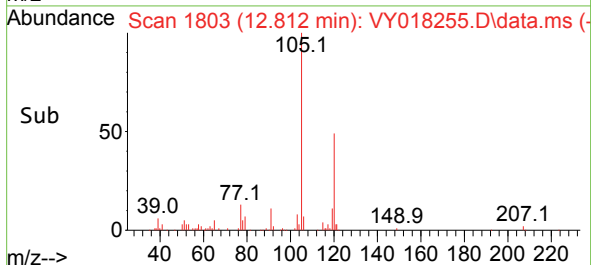
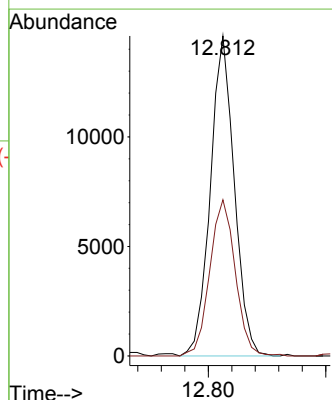
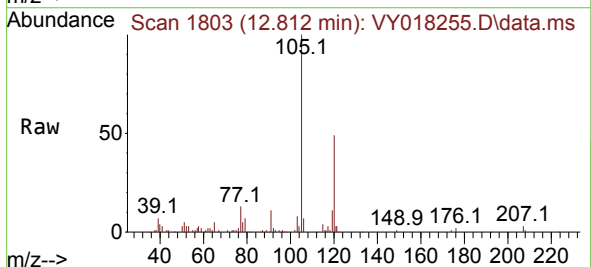
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

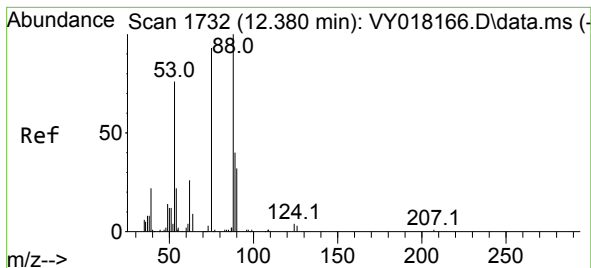
Tgt Ion: 91 Resp: 17555
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 2.948 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 105 Resp: 20676
Ion Ratio Lower Upper
105 100
120 52.0 25.1 75.2

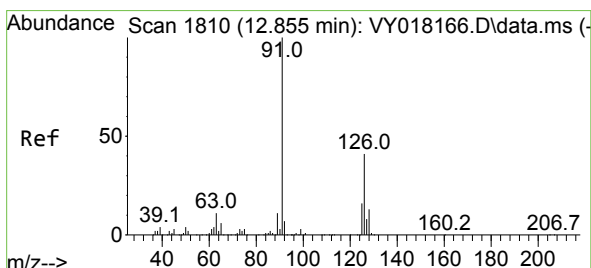
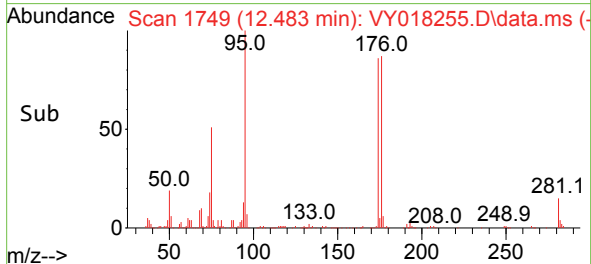
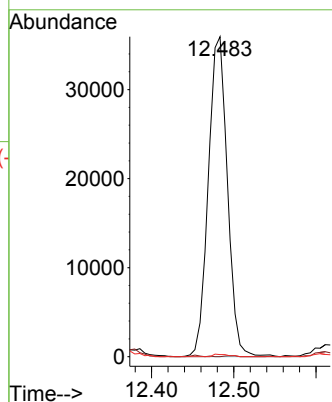
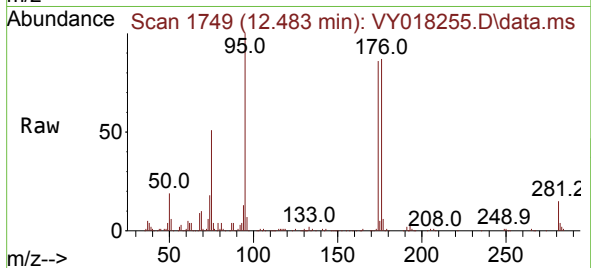




#81
trans-1,4-Dichloro-2-butene
Concen: 117.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

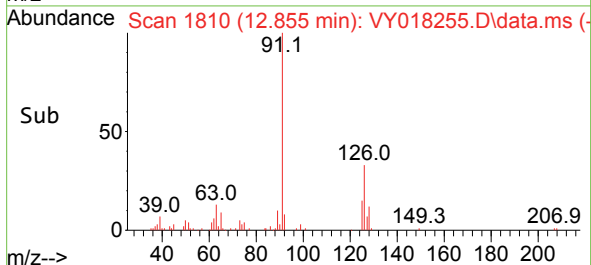
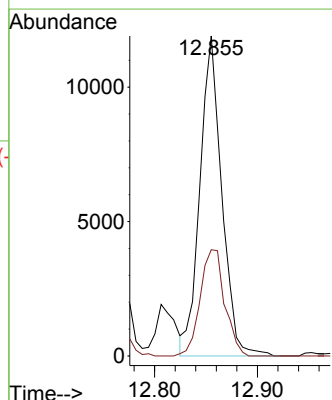
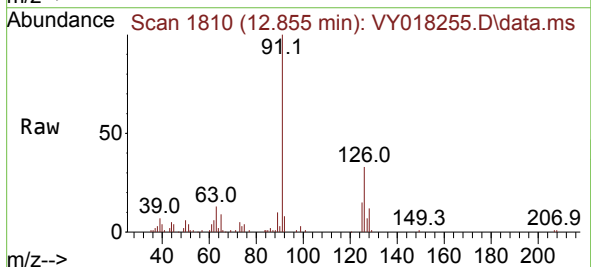
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

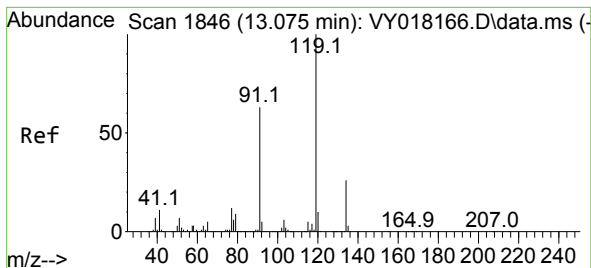
Tgt Ion: 75 Resp: 57959
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.6 35.8 53.6#



#82
4-Chlorotoluene
Concen: 3.042 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion: 91 Resp: 17566
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 3.008 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

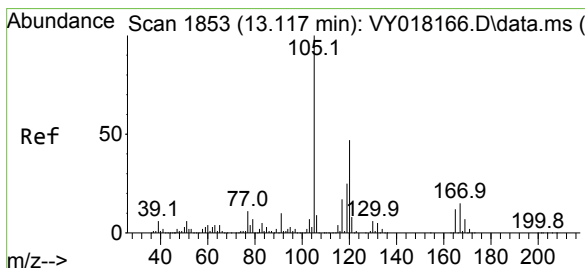
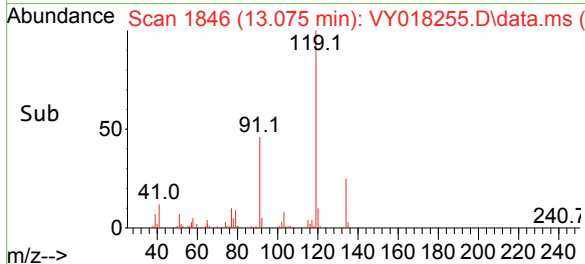
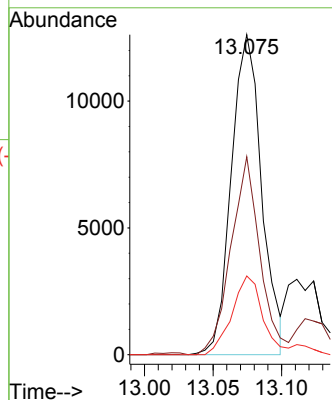
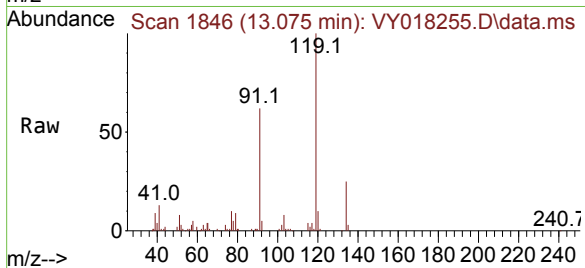
Tgt Ion:119 Resp: 19454

Ion Ratio Lower Upper

119 100

91 59.4 31.3 93.8

134 24.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 3.004 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018255.D

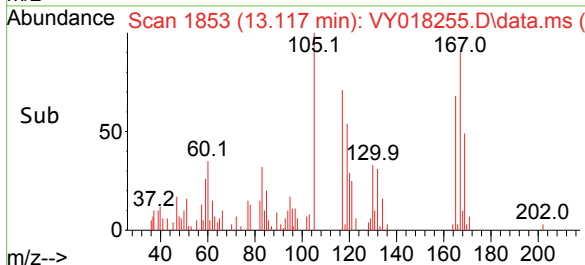
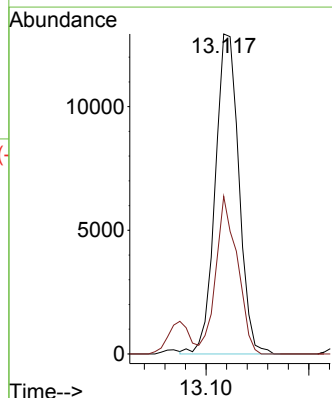
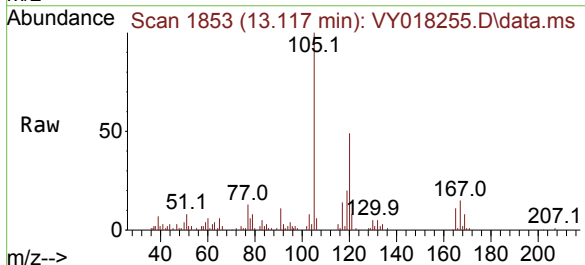
Acq: 14 May 2024 14:01

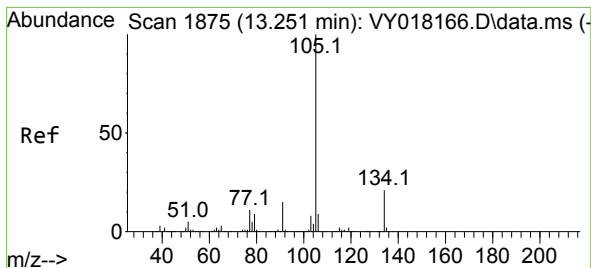
Tgt Ion:105 Resp: 20635

Ion Ratio Lower Upper

105 100

120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 2.887 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

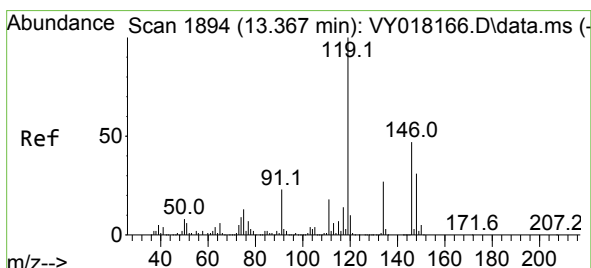
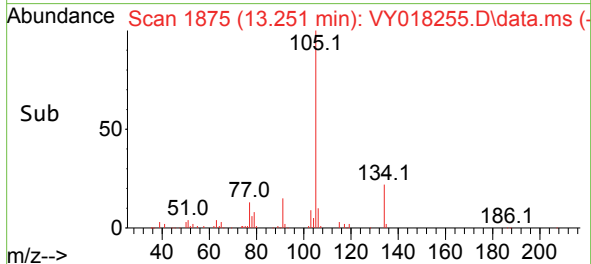
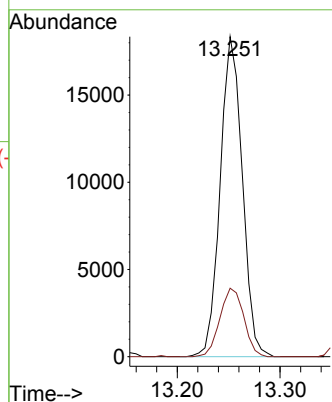
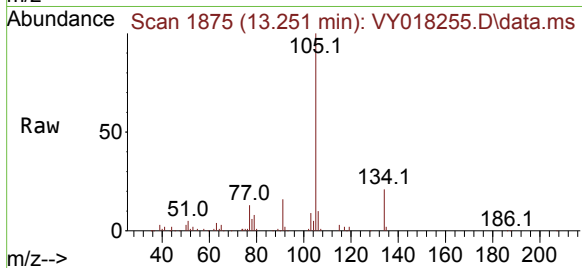
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:105 Resp: 27387

Ion Ratio Lower Upper

105 100

134 23.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.891 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

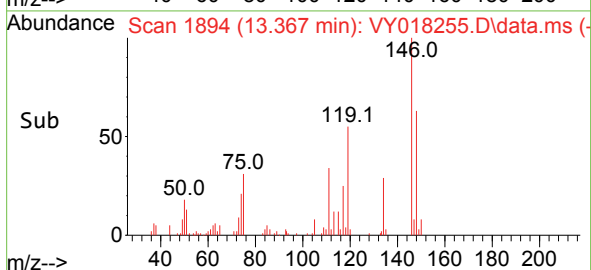
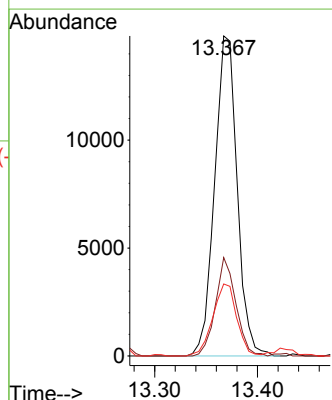
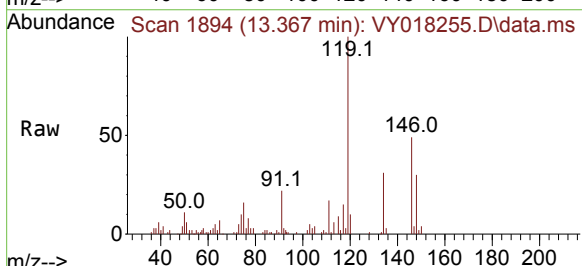
Tgt Ion:119 Resp: 22563

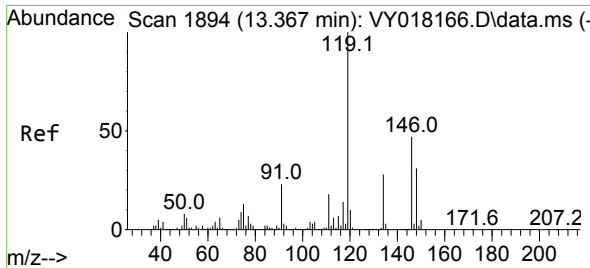
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 23.9 10.7 32.1

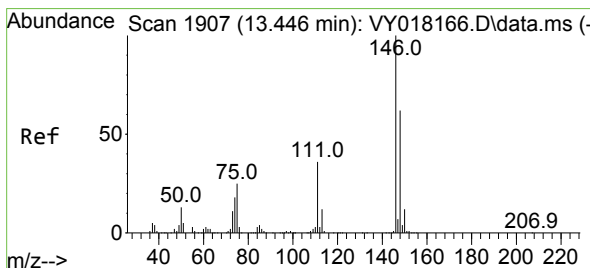
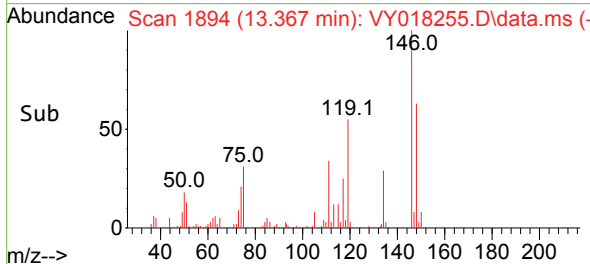
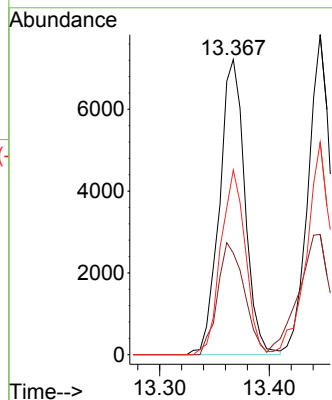
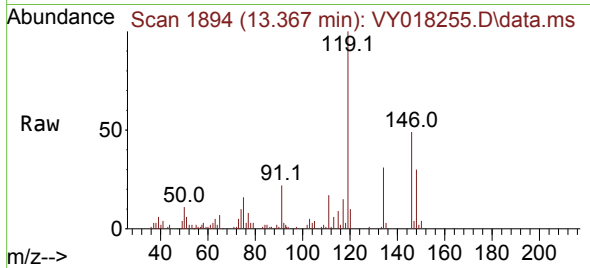




#87
1,3-Dichlorobenzene
Concen: 2.947 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

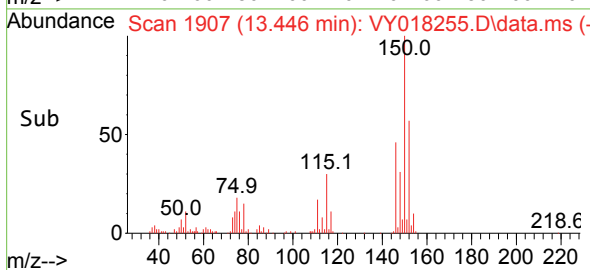
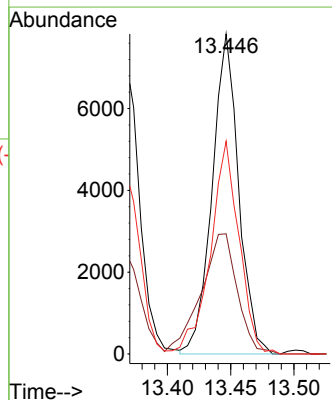
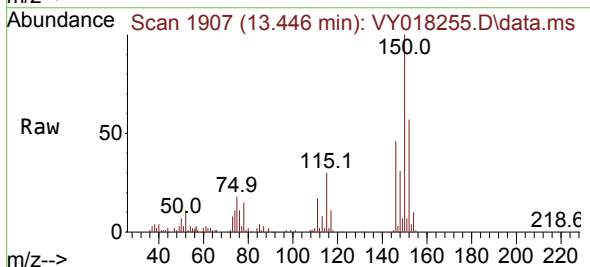
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

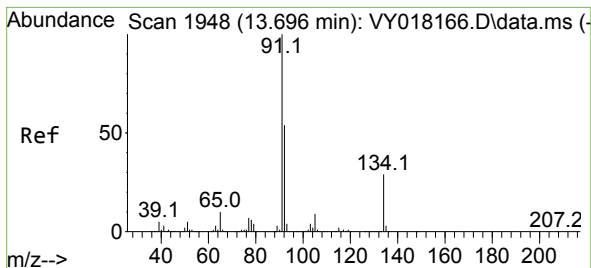
Tgt Ion:146 Resp: 11628
Ion Ratio Lower Upper
146 100
111 39.8 19.0 57.0
148 60.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 2.962 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018255.D
Acq: 14 May 2024 14:01

Tgt Ion:146 Resp: 11393
Ion Ratio Lower Upper
146 100
111 51.6 18.4 55.4
148 71.9 32.4 97.2





#89

n-Butylbenzene

Concen: 2.984 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

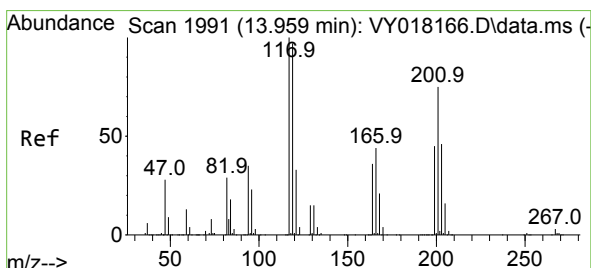
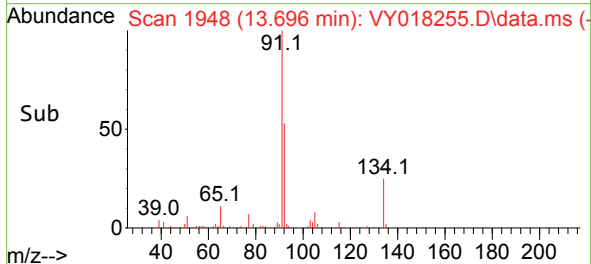
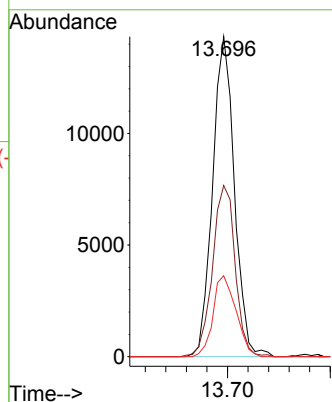
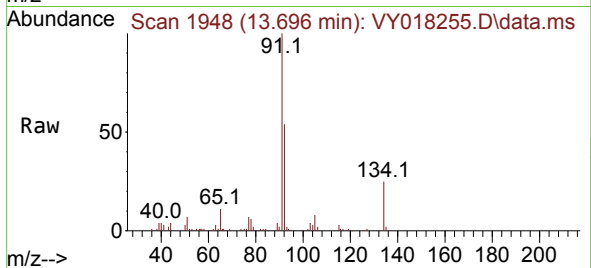
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	91	Resp:	21080
Ion	Ratio	Lower	Upper
91	100		
92	55.7	26.6	79.7
134	26.6	12.9	38.7



#90

Hexachloroethane

Concen: 2.710 ug/l

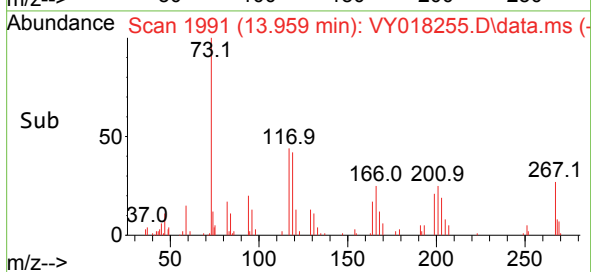
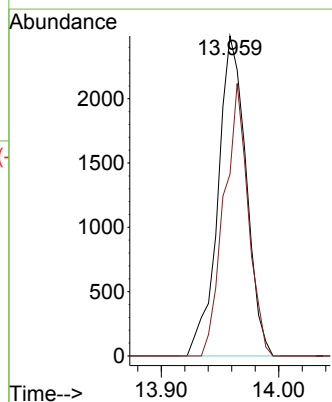
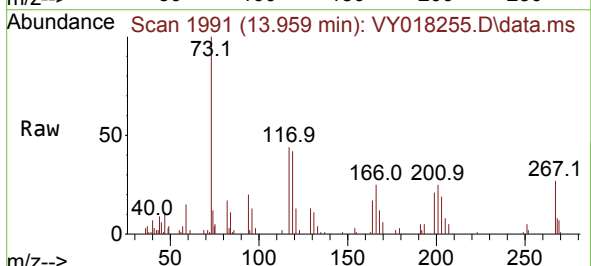
RT: 13.959 min Scan# 1991

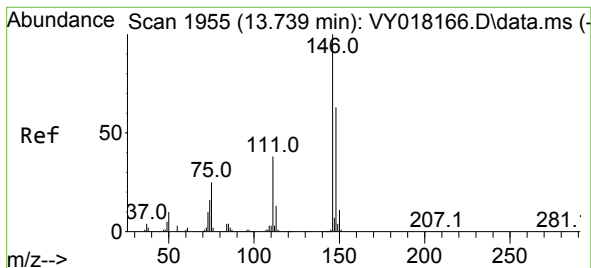
Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Tgt Ion:	117	Resp:	4150
Ion	Ratio	Lower	Upper
117	100		
201	72.7	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 2.780 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018255.D

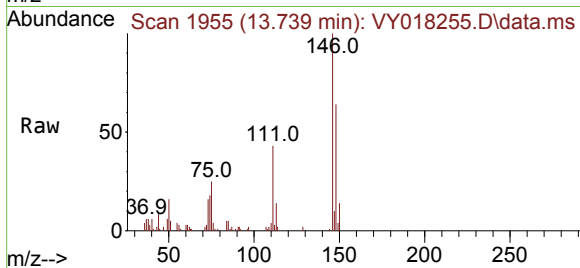
Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



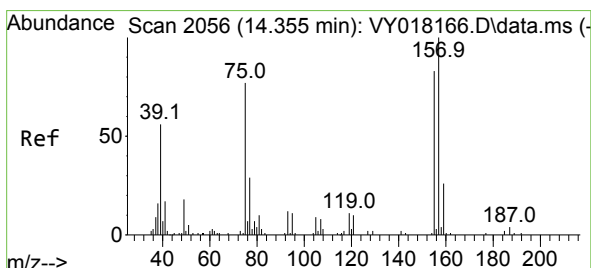
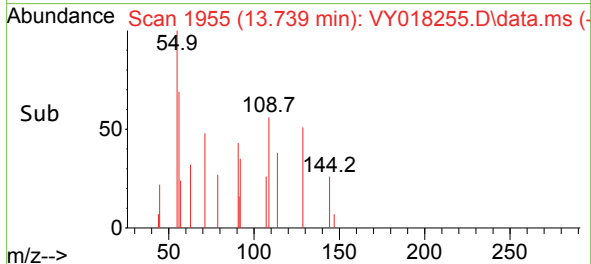
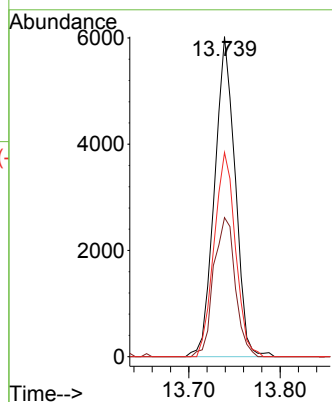
Tgt Ion:146 Resp: 9429

Ion Ratio Lower Upper

146 100

111 45.6 19.9 59.7

148 66.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.785 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

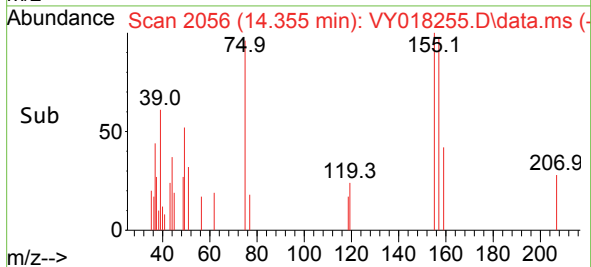
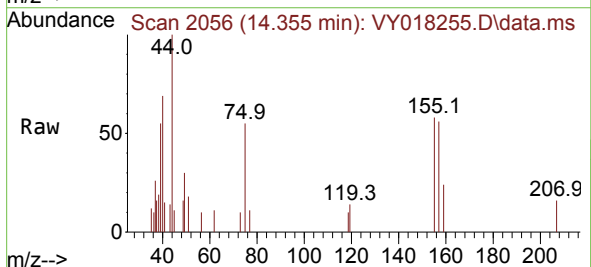
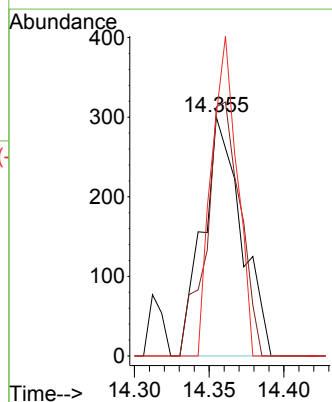
Tgt Ion: 75 Resp: 538

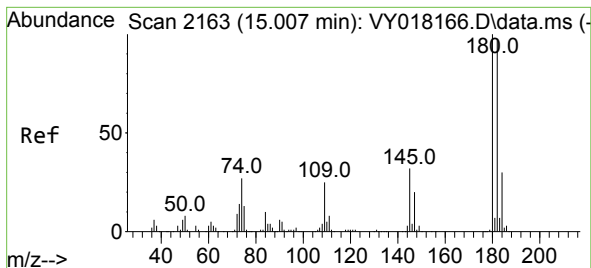
Ion Ratio Lower Upper

75 100

155 94.1 48.6 145.8

157 88.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.740 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

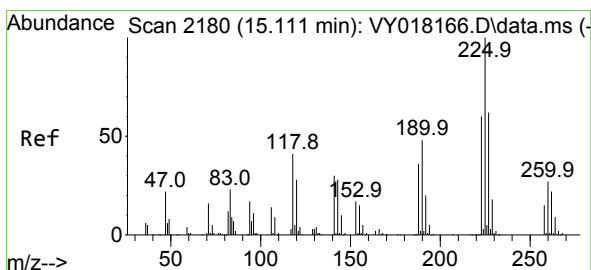
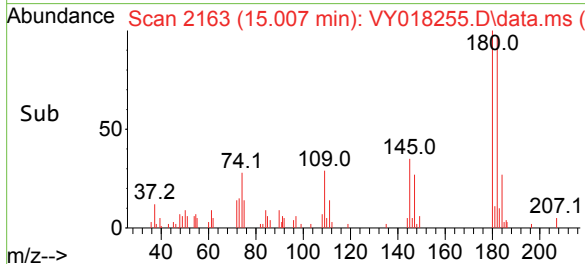
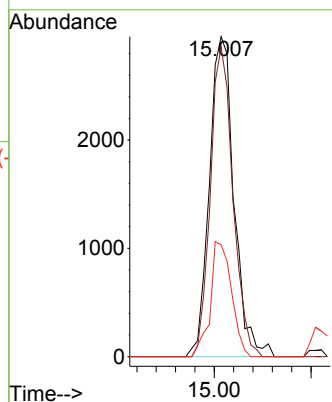
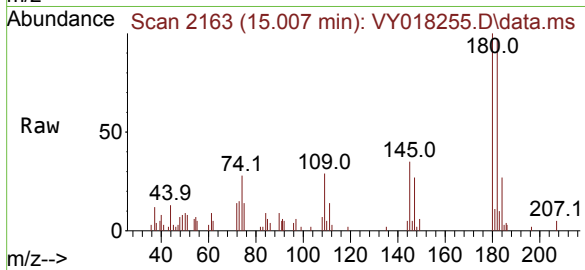
Tgt Ion:180 Resp: 5223

Ion Ratio Lower Upper

180 100

182 88.5 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.731 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

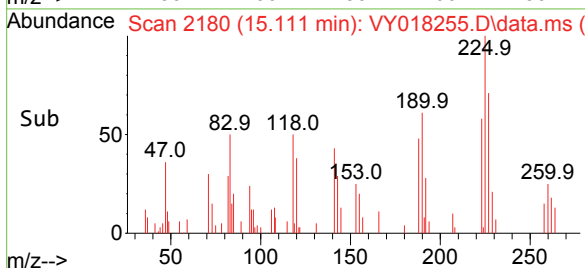
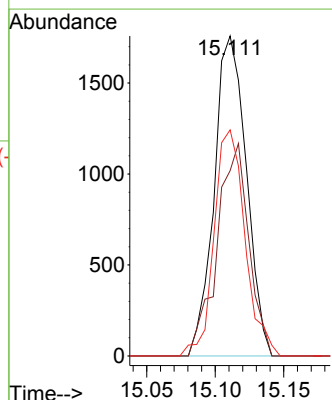
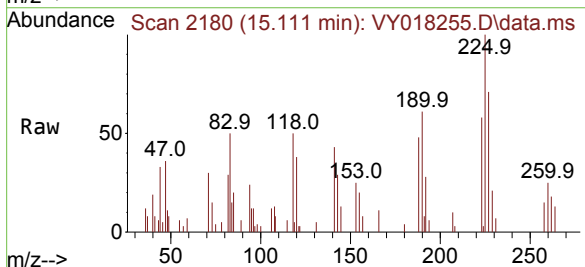
Tgt Ion:225 Resp: 2873

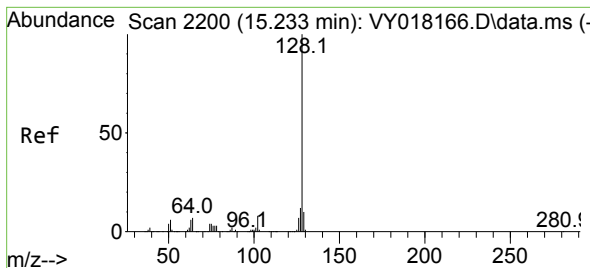
Ion Ratio Lower Upper

225 100

223 65.5 30.4 91.2

227 67.9 31.9 95.9





#95

Naphthalene

Concen: 2.357 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

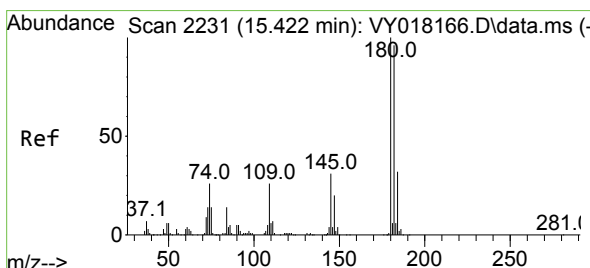
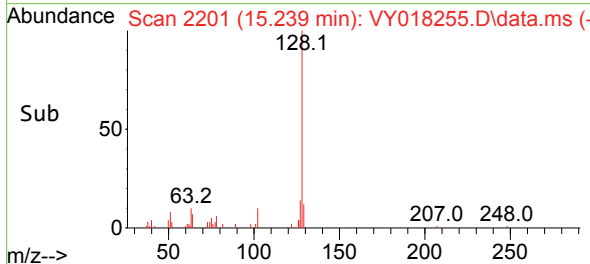
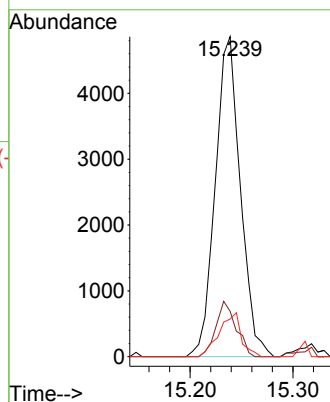
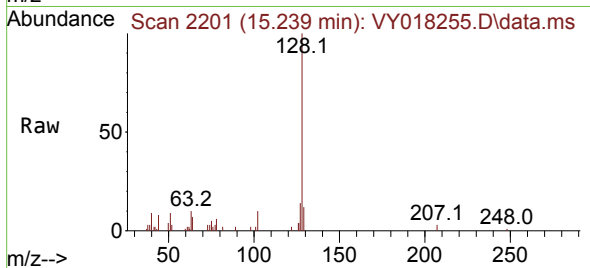
Tgt Ion:128 Resp: 8233

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 12.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.778 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018255.D

Acq: 14 May 2024 14:01

Tgt Ion:180 Resp: 4346

Ion Ratio Lower Upper

180 100

182 89.9 47.6 142.9

145 30.1 15.4 46.1

