

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010509.D
 Acq On : 15 Sep 2022 14:28
 Operator : KP/MD
 Sample : N3980-01 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 16 04:55:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 16 04:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	204627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	111730	54.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.420%	
35) Dibromofluoromethane	7.710	113	108856	46.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.440%	
50) Toluene-d8	10.179	98	394157	52.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.477	95	140251	40.478	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.960%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9528	6.077	ug/l	100
3) Chloromethane	2.107	50	10399	4.523	ug/l	96
4) Vinyl Chloride	2.247	62	12622	4.450	ug/l	97
5) Bromomethane	2.650	94	9675	4.869	ug/l	100
6) Chloroethane	2.790	64	8971	4.729	ug/l	94
7) Trichlorofluoromethane	3.113	101	16664	4.638	ug/l	99
8) Diethyl Ether	3.528	74	5458	4.691	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	9701	4.612	ug/l	96
10) Methyl Iodide	4.088	142	10281	3.950	ug/l	93
11) Tert butyl alcohol	4.936	59	10005	35.941	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	8490	4.302	ug/l	87
14) Allyl chloride	4.479	41	12504	4.400	ug/l #	94
15) Acrylonitrile	5.161	53	12864	22.838	ug/l	99
16) Acetone	3.942	43	13416	28.366	ug/l	93
17) Carbon Disulfide	4.186	76	21706	4.068	ug/l	99
18) Methyl Acetate	4.479	43	9620	6.612	ug/l #	87
19) Methyl tert-butyl Ether	5.204	73	23881	4.382	ug/l #	90
20) Methylene Chloride	4.710	84	32216	11.161	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	9738	4.346	ug/l	86
22) Diisopropyl ether	6.113	45	27386	4.317	ug/l #	91
23) Vinyl Acetate	6.052	43	69869	17.971	ug/l	95
24) 1,1-Dichloroethane	6.009	63	18105	4.714	ug/l	96
25) 2-Butanone	6.984	43	21298	28.335	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	21233	5.794	ug/l	90
27) cis-1,2-Dichloroethene	6.972	96	11576	4.445	ug/l	98
28) Bromochloromethane	7.326	49	6753	5.484	ug/l	85
29) Tetrahydrofuran	7.344	42	10505	22.393	ug/l #	81
30) Chloroform	7.503	83	18788	4.612	ug/l	97
31) Cyclohexane	7.783	56	17718	5.089	ug/l #	62
32) 1,1,1-Trichloroethane	7.698	97	16309	4.421	ug/l	94
36) 1,1-Dichloropropene	7.911	75	13224	4.146	ug/l	95
37) Ethyl Acetate	7.070	43	7879	4.699	ug/l #	89
38) Carbon Tetrachloride	7.893	117	15086	4.252	ug/l	97
39) Methylcyclohexane	9.179	83	16381	4.119	ug/l	91
40) Benzene	8.155	78	40691	4.432	ug/l	94
41) Methacrylonitrile	7.344	41	10248	10.691	ug/l #	23

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	12518	4.585	ug/l	94
43) Isopropyl Acetate	8.271	43	13085	4.264	ug/l #	91
44) Trichloroethene	8.935	130	11382	4.211	ug/l	97
45) 1,2-Dichloropropane	9.210	63	9757	4.357	ug/l	96
46) Dibromomethane	9.301	93	6116	4.529	ug/l	97
47) Bromodichloromethane	9.490	83	14059	4.383	ug/l	99
48) Methyl methacrylate	9.289	41	5312	3.855	ug/l #	79
49) 1,4-Dioxane	9.307	88	1642	91.858	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	35088	20.848	ug/l	88
52) Toluene	10.240	92	25863	4.305	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	13870	4.202	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	15535	4.173	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	8549	4.451	ug/l	97
56) Ethyl methacrylate	10.508	69	9584	3.799	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	14116	4.420	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	24829	28.932	ug/l	93
59) 2-Hexanone	10.831	43	22803	19.876	ug/l	88
60) Dibromochloromethane	10.984	129	9996	4.258	ug/l	97
61) 1,2-Dibromoethane	11.087	107	8034	4.309	ug/l	99
64) Tetrachloroethene	10.715	164	11507	4.330	ug/l	97
65) Chlorobenzene	11.514	112	28625	4.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	10169	4.164	ug/l	97
67) Ethyl Benzene	11.593	91	48014	4.115	ug/l	97
68) m/p-Xylenes	11.703	106	36575	7.984	ug/l	94
69) o-Xylene	12.026	106	17538	4.009	ug/l	94
70) Styrene	12.044	104	28816	3.892	ug/l	95
71) Bromoform	12.203	173	6096	3.993	ug/l #	97
73) Isopropylbenzene	12.331	105	46229	3.938	ug/l	97
74) N-amyl acetate	12.142	43	9314	3.400	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	9614	4.378	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	12885	7.759	ug/l #	100
77) Bromobenzene	12.611	156	11644	4.186	ug/l	93
78) n-propylbenzene	12.666	91	56453	4.061	ug/l	98
79) 2-Chlorotoluene	12.752	91	32831	4.204	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	41040	4.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	2884	3.856	ug/l	94
82) 4-Chlorotoluene	12.855	91	32422	3.991	ug/l	97
83) tert-Butylbenzene	13.075	119	33920	3.918	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	39696	4.096	ug/l	100
85) sec-Butylbenzene	13.251	105	49544	3.864	ug/l	98
86) p-Isopropyltoluene	13.367	119	41500	3.827	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	22804	4.082	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	22829	4.127	ug/l	94
89) n-Butylbenzene	13.697	91	38149	3.875	ug/l	99
90) Hexachloroethane	13.959	117	8463	4.156	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	20430	4.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1583	4.270	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	11215	3.649	ug/l	98
94) Hexachlorobutadiene	15.111	225	7308	3.941	ug/l	97
95) Naphthalene	15.233	128	21813	3.599	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	10030	3.739	ug/l	97

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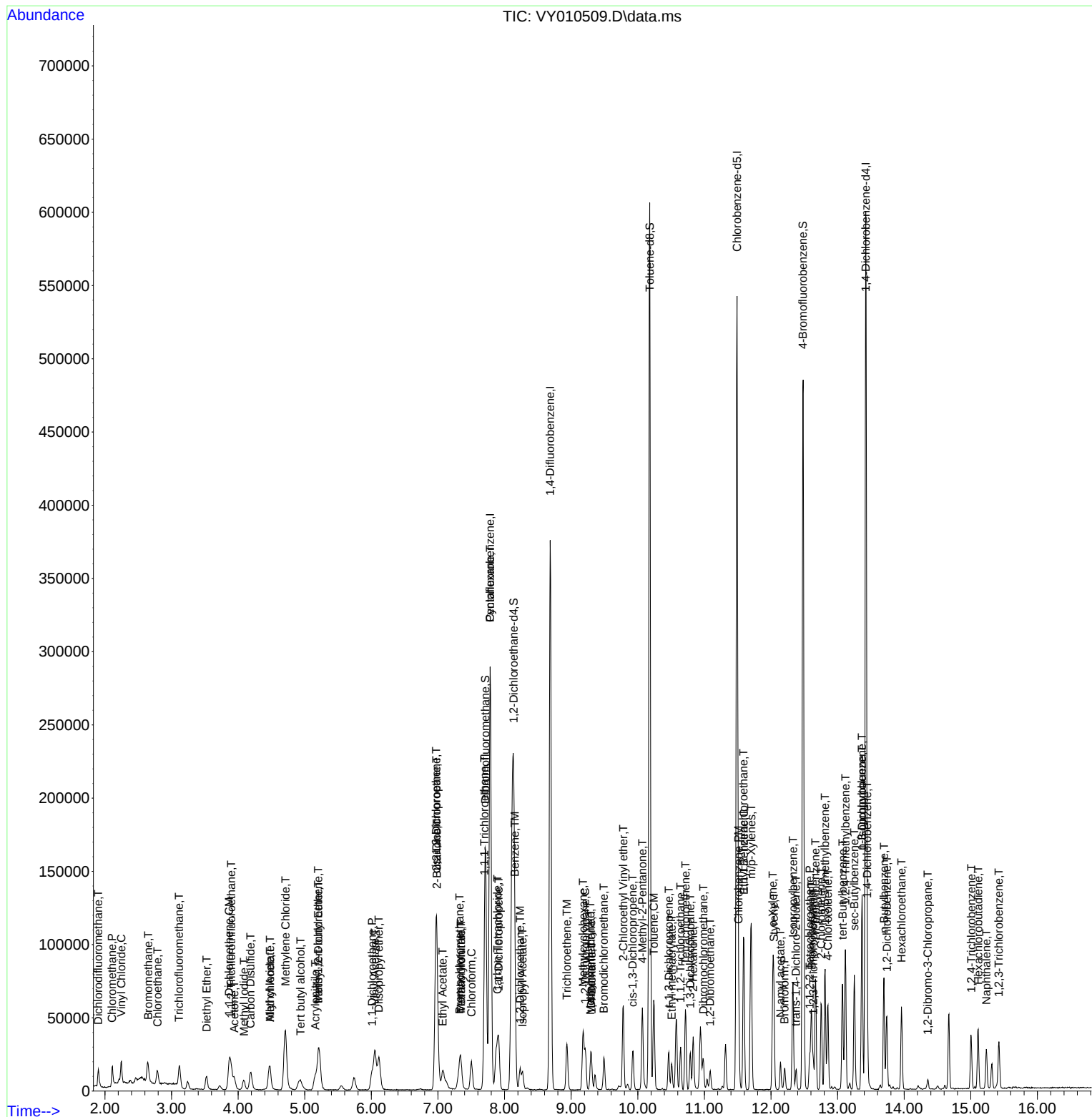
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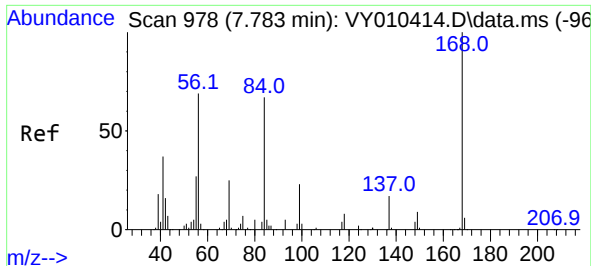
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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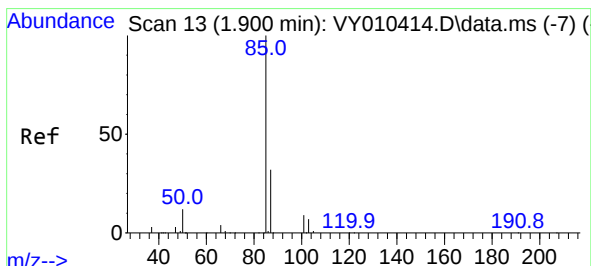
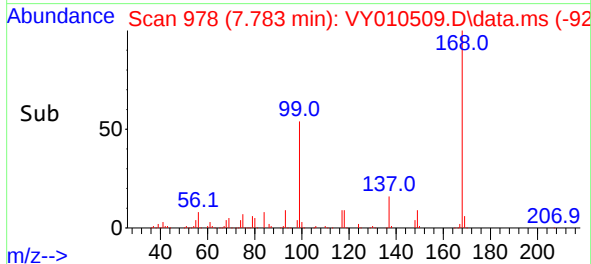
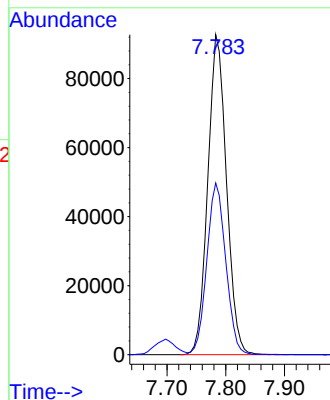
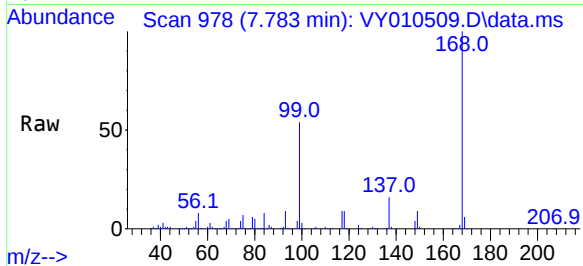




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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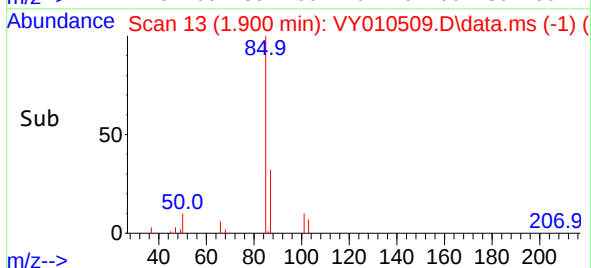
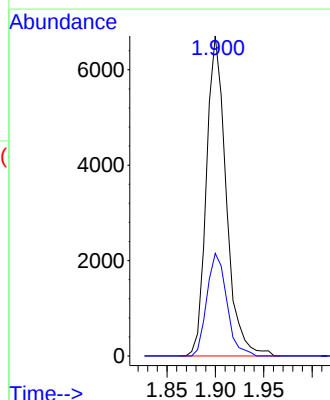
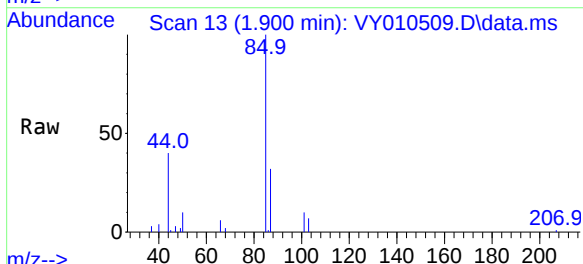
Instrument :
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ClientSampleId :
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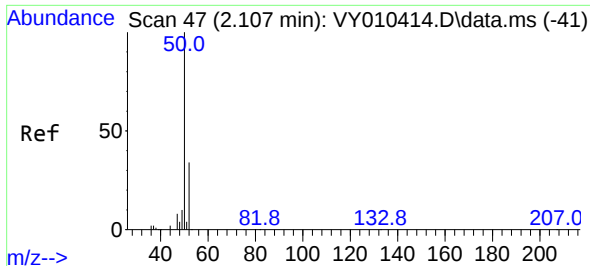
Tgt Ion:168 Resp: 204627
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 6.077 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 85 Resp: 9528
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

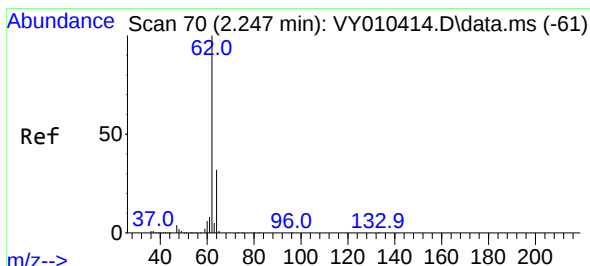
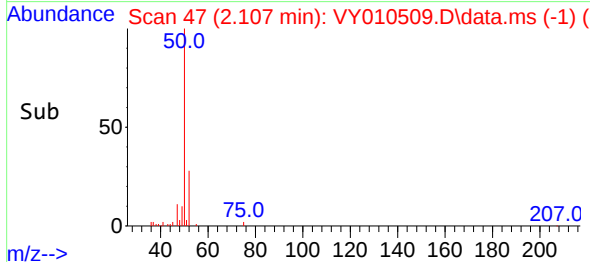
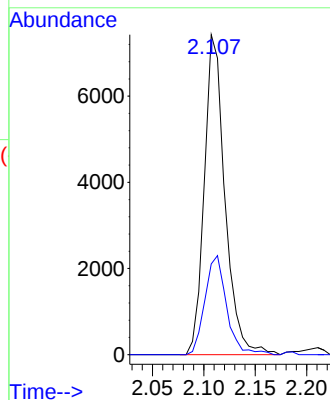
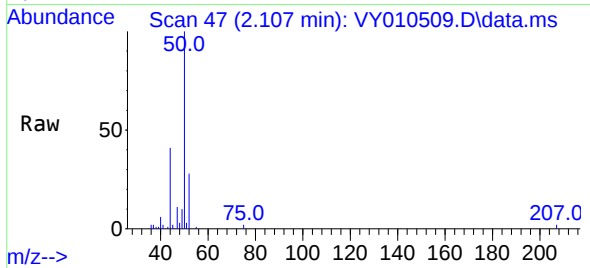




#3
Chloromethane
Concen: 4.523 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010509.D
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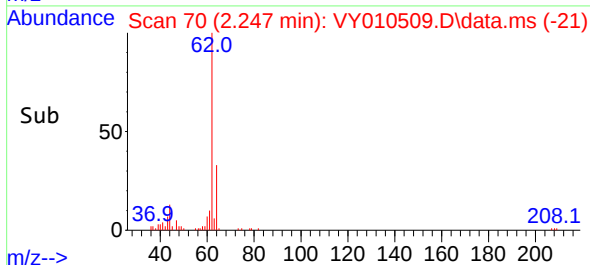
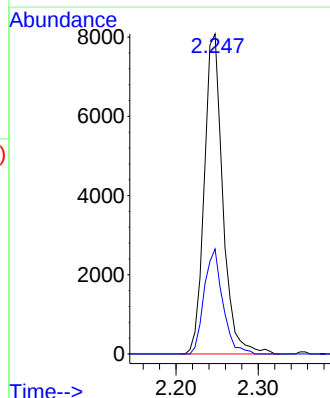
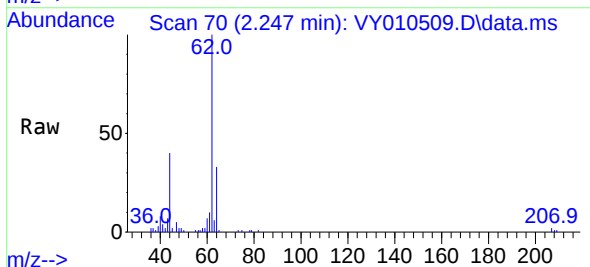
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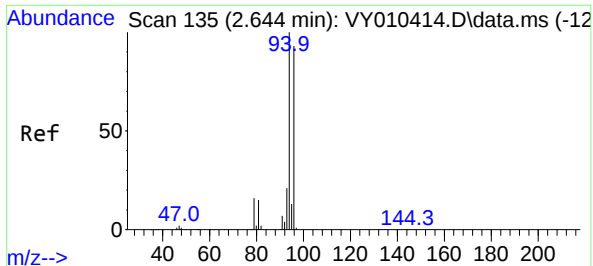
Tgt Ion: 50 Resp: 10399
Ion Ratio Lower Upper
50 100
52 28.4 24.6 37.0



#4
Vinyl Chloride
Concen: 4.450 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 62 Resp: 12622
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6

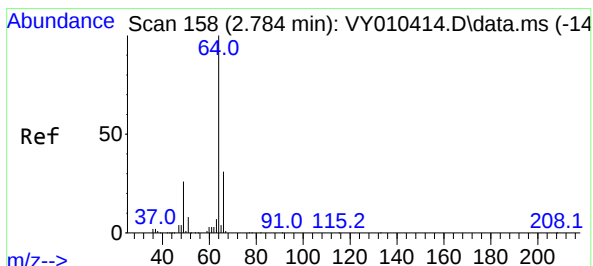
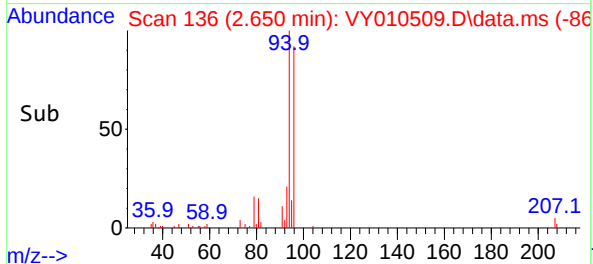
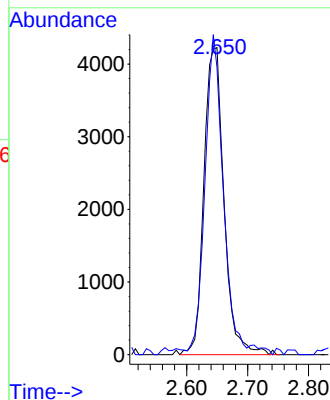
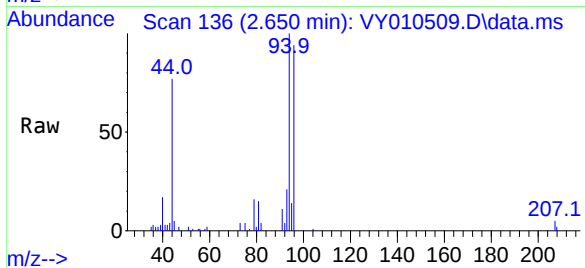




#5
Bromomethane
Concen: 4.869 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010509.D
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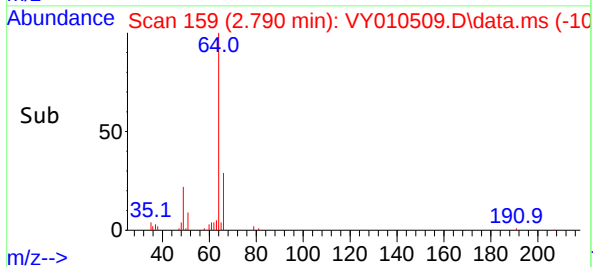
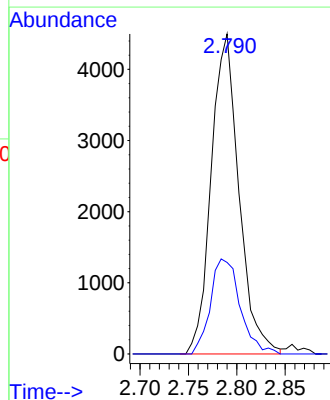
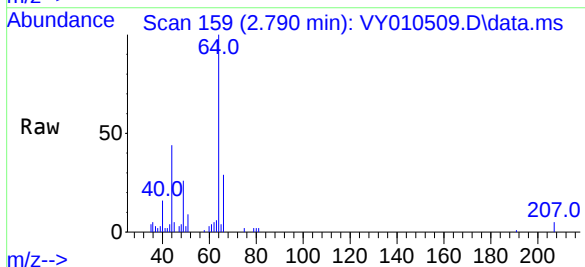
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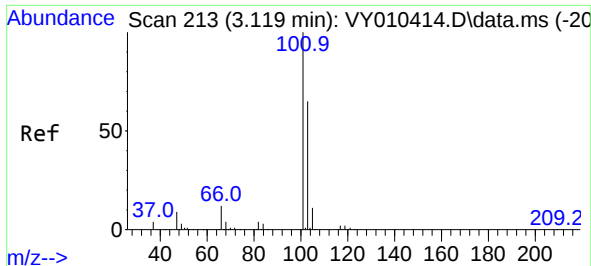
Tgt Ion: 94 Resp: 9675
Ion Ratio Lower Upper
94 100
96 92.1 73.5 110.3



#6
Chloroethane
Concen: 4.729 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 64 Resp: 8971
Ion Ratio Lower Upper
64 100
66 28.6 25.4 38.0

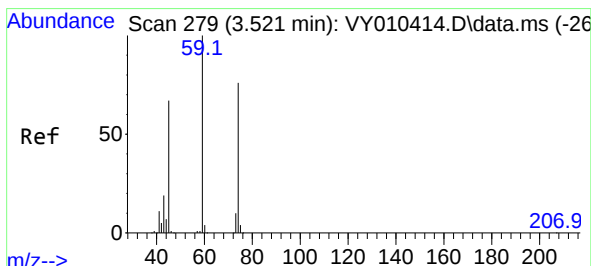
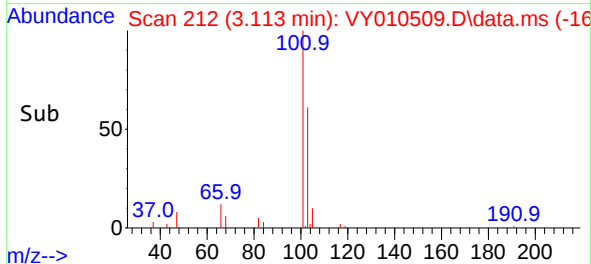
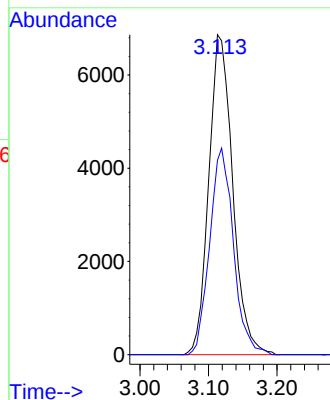
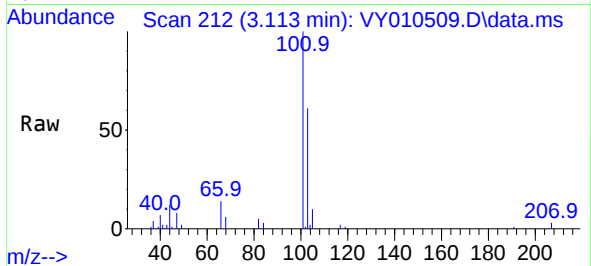




#7
 Trichlorofluoromethane
 Concen: 4.638 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

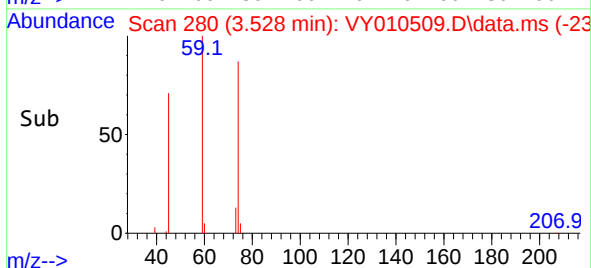
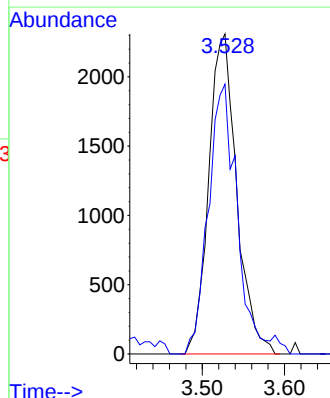
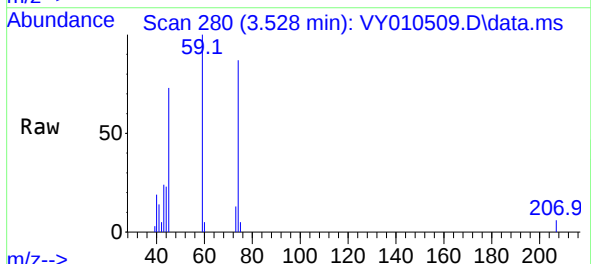
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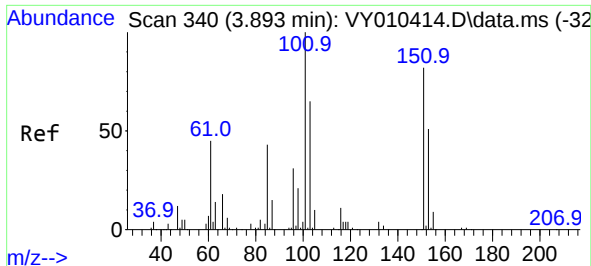
Tgt Ion:101 Resp: 16664
 Ion Ratio Lower Upper
 101 100
 103 60.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 4.691 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY010509.D
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Tgt Ion: 74 Resp: 5458
 Ion Ratio Lower Upper
 74 100
 45 86.3 55.1 165.5

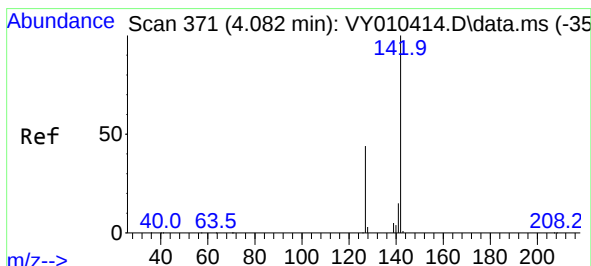
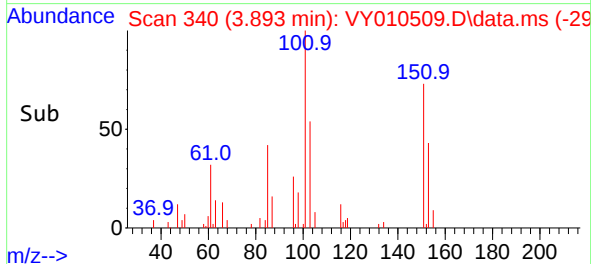
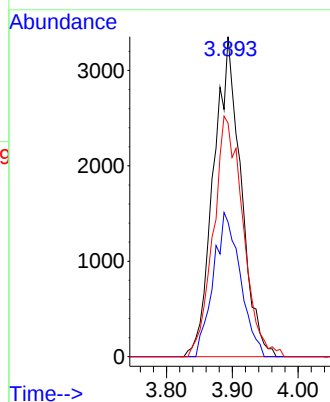
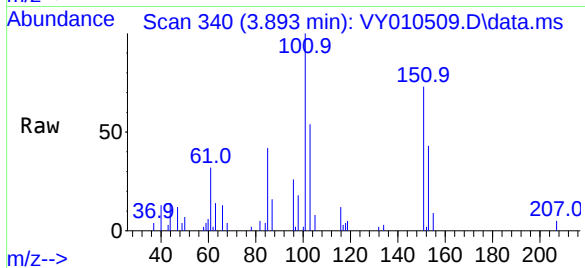




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.612 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

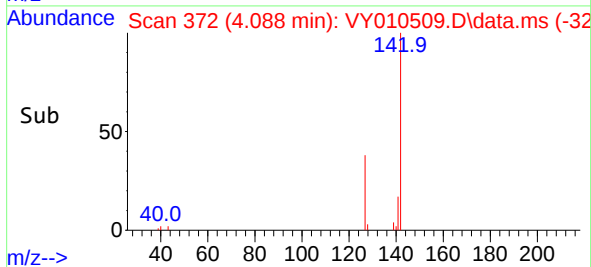
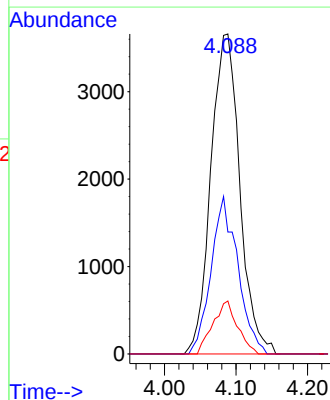
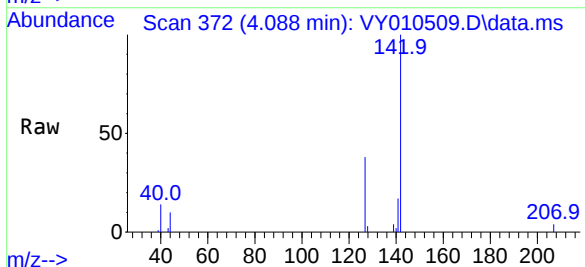
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

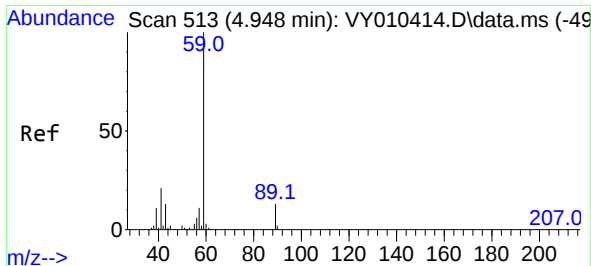
Tgt Ion:	101	Resp:	9701
Ion	Ratio	Lower	Upper
101	100		
85	44.3	40.6	60.8
151	81.3	64.9	97.3



#10
Methyl Iodide
Concen: 3.950 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	142	Resp:	10281
Ion	Ratio	Lower	Upper
142	100		
127	45.6	41.5	62.3
141	14.0	11.9	17.9





#11

Tert butyl alcohol

Concen: 35.941 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

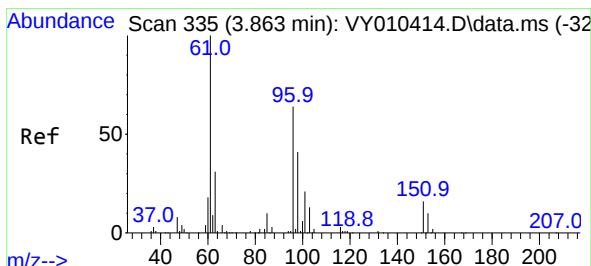
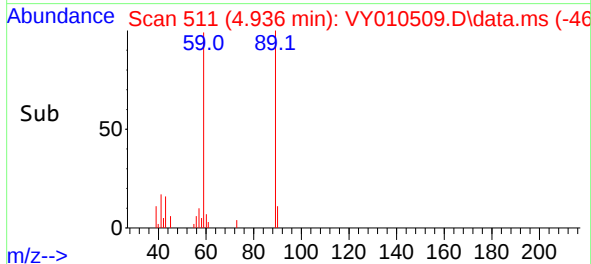
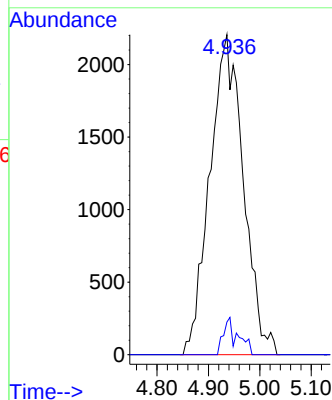
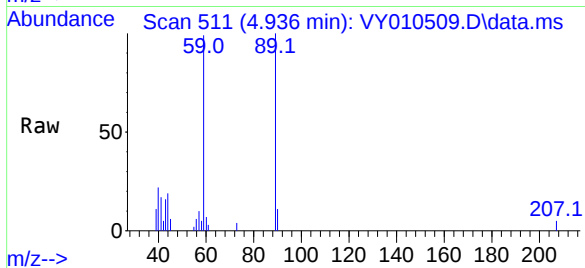
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 59 Resp: 10005

Ion Ratio Lower Upper

59 100

57 5.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.302 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

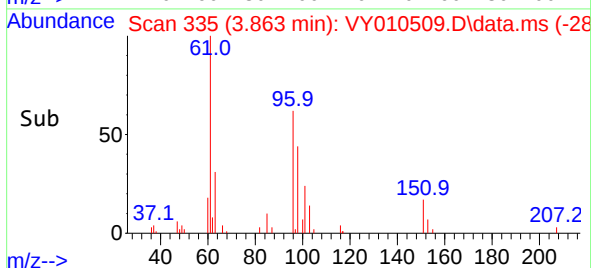
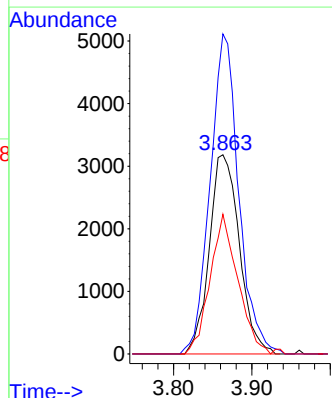
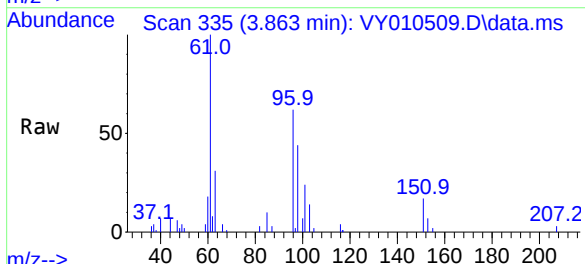
Tgt Ion: 96 Resp: 8490

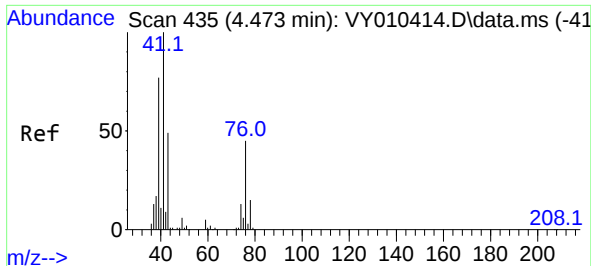
Ion Ratio Lower Upper

96 100

61 160.6 145.8 218.6

98 70.1 52.5 78.7

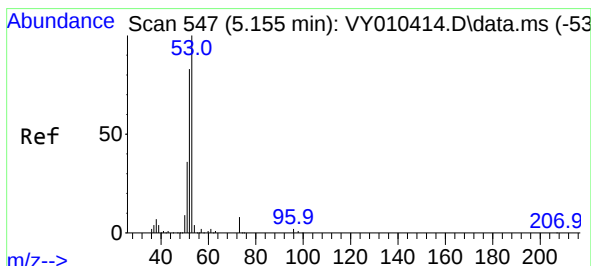
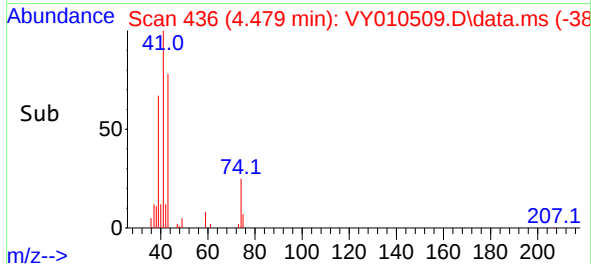
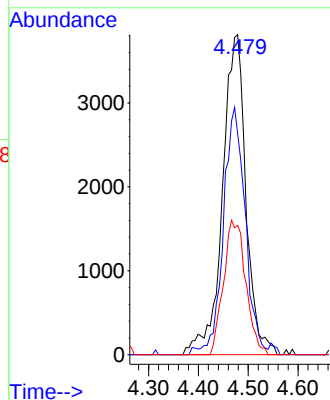
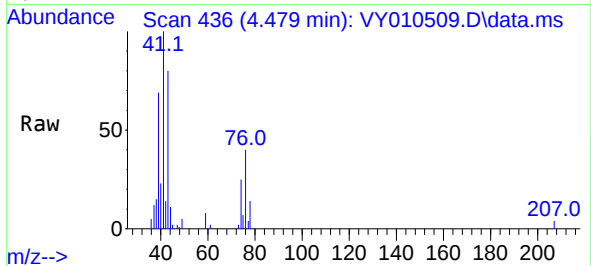




#14
 Allyl chloride
 Concen: 4.400 ug/l
 RT: 4.479 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

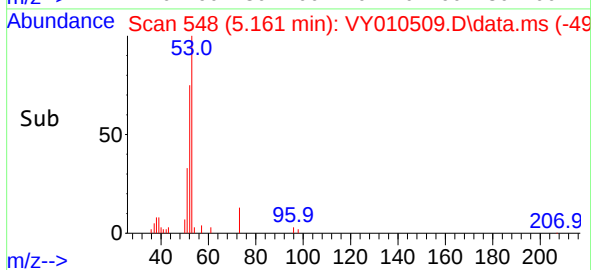
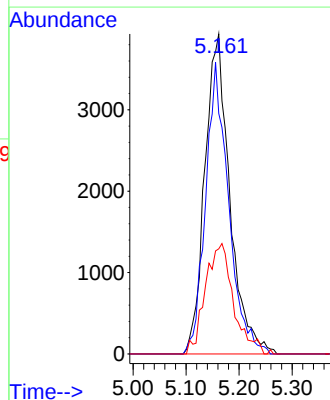
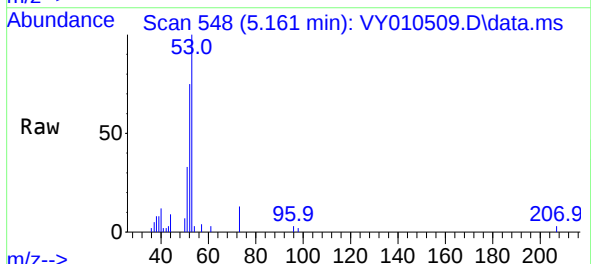
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

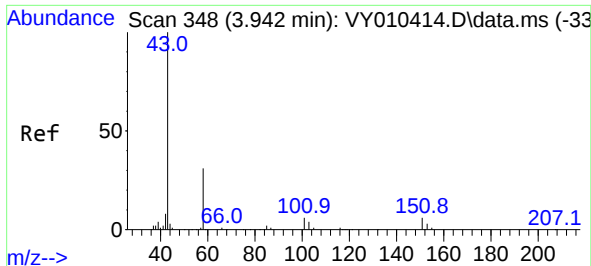
Tgt Ion: 41 Resp: 12504
 Ion Ratio Lower Upper
 41 100
 39 71.2 58.8 88.2
 76 39.7 25.1 37.7#



#15
 Acrylonitrile
 Concen: 22.838 ug/l
 RT: 5.161 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

Tgt Ion: 53 Resp: 12864
 Ion Ratio Lower Upper
 53 100
 52 84.2 67.0 100.4
 51 38.8 29.8 44.6

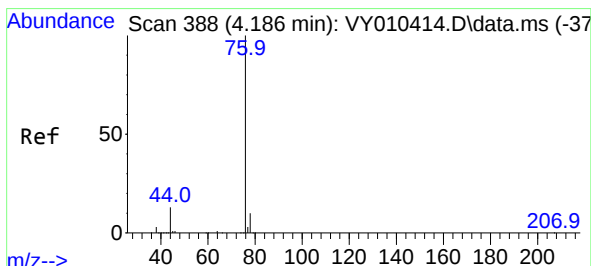
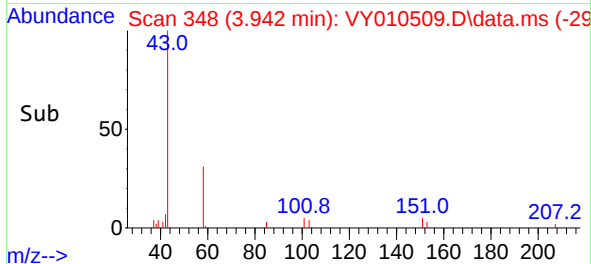
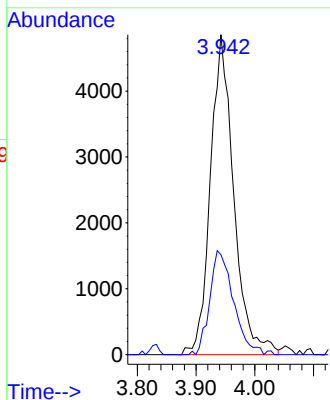
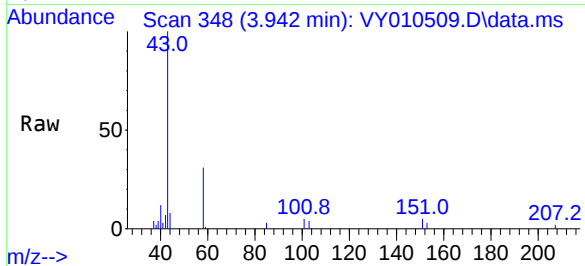




#16
Acetone
Concen: 28.366 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

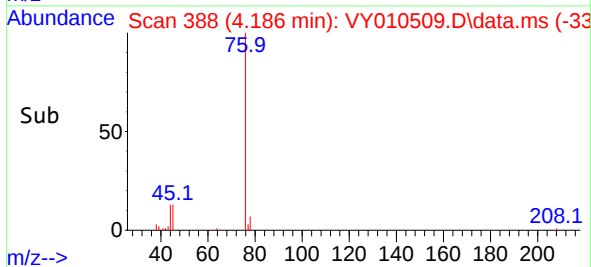
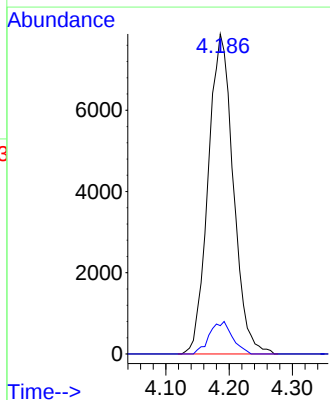
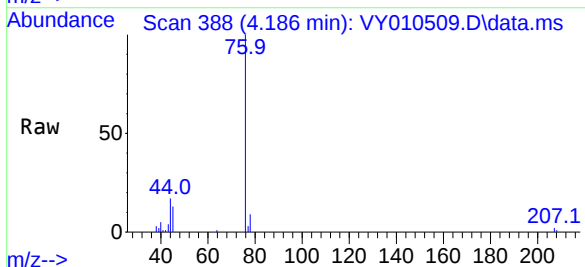
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

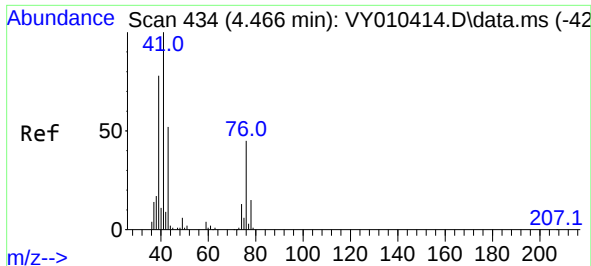
Tgt Ion: 43 Resp: 13416
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0



#17
Carbon Disulfide
Concen: 4.068 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 76 Resp: 21706
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

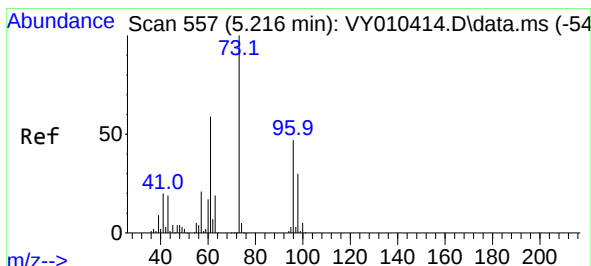
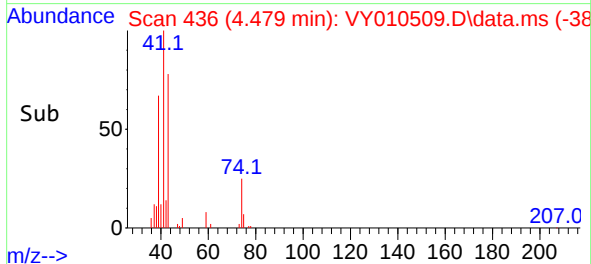
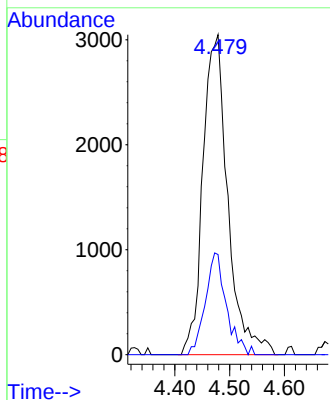
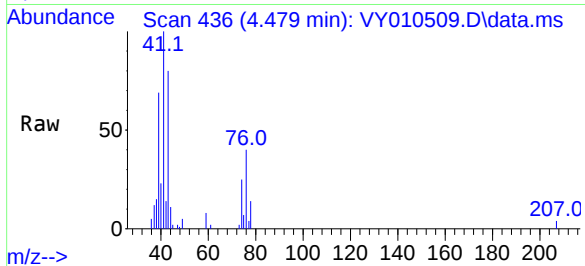




#18
Methyl Acetate
Concen: 6.612 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

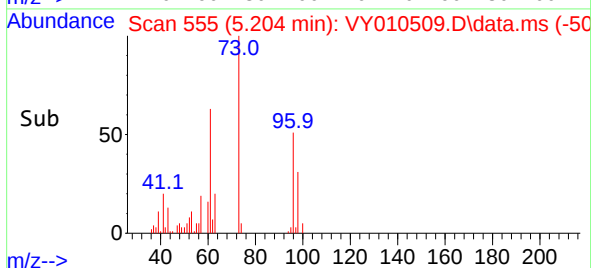
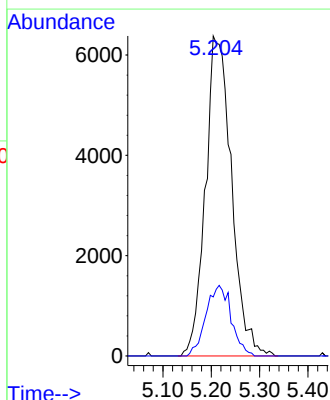
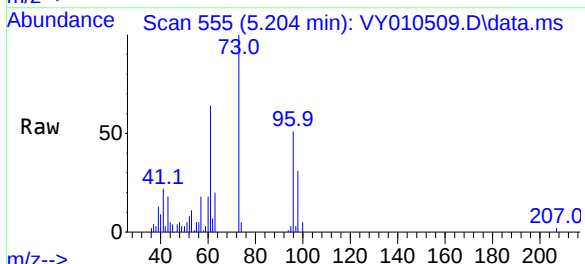
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

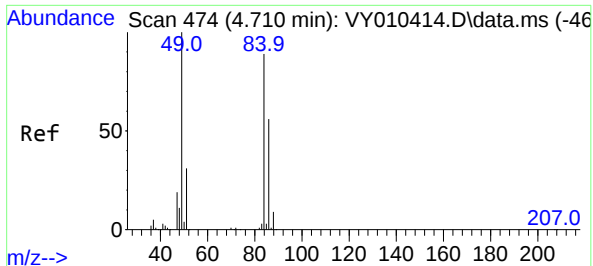
Tgt Ion: 43 Resp: 9620
Ion Ratio Lower Upper
43 100
74 26.8 16.6 24.8#



#19
Methyl tert-butyl Ether
Concen: 4.382 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.012 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 73 Resp: 23881
Ion Ratio Lower Upper
73 100
57 18.5 18.6 27.8#



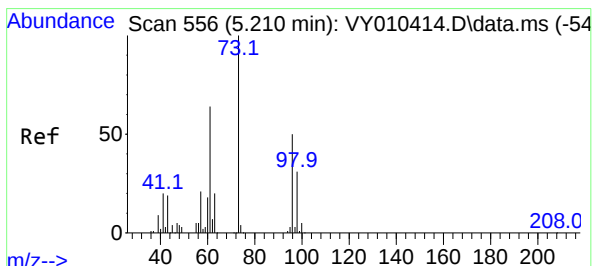
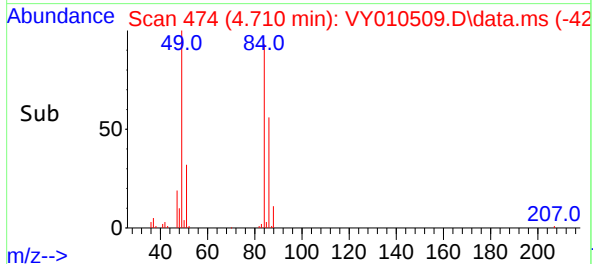
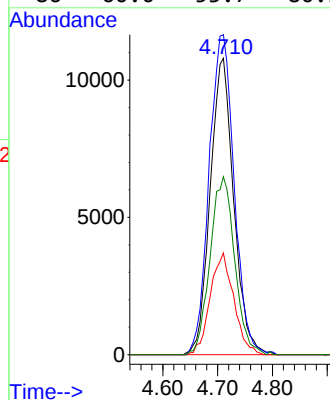
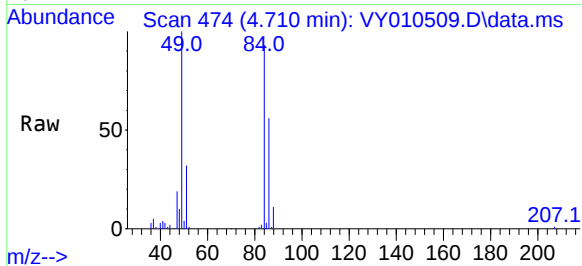


#20
Methylene Chloride
Concen: 11.161 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 84 Resp: 32216

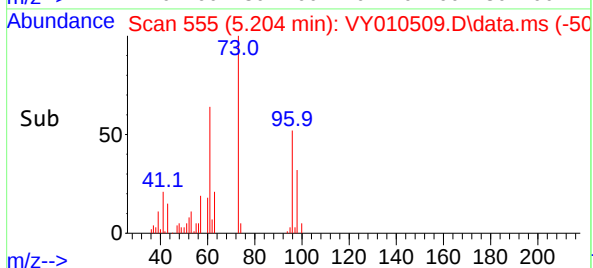
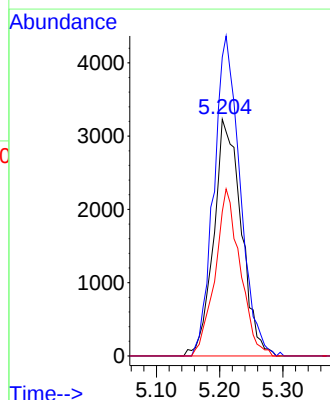
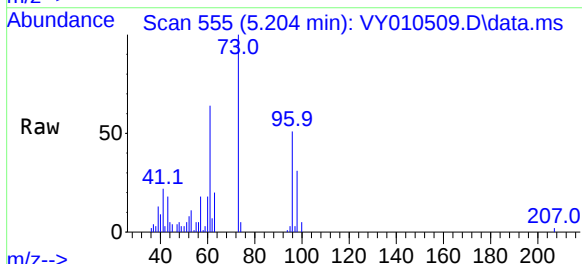
Ion	Ratio	Lower	Upper
84	100		
49	107.9	114.4	171.6#
51	34.3	35.3	52.9#
86	60.0	53.7	80.5

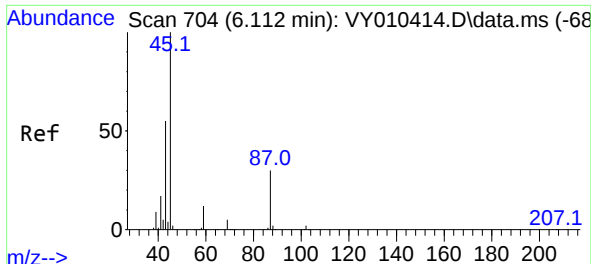


#21
trans-1,2-Dichloroethene
Concen: 4.346 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 96 Resp: 9738

Ion	Ratio	Lower	Upper
96	100		
61	126.2	120.5	180.7
98	61.0	49.8	74.8

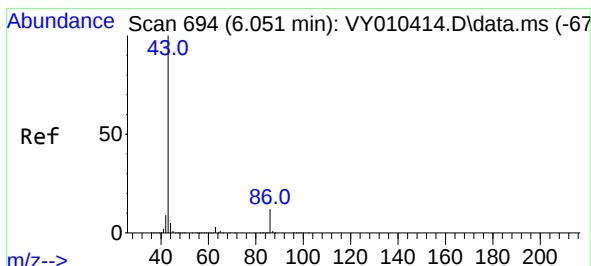
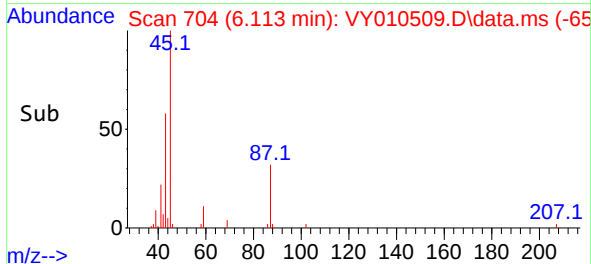
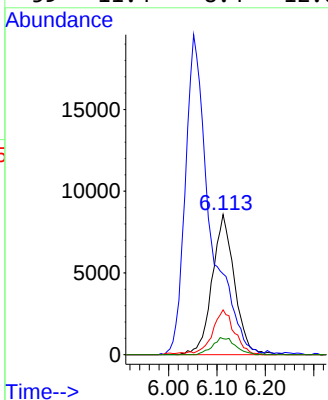
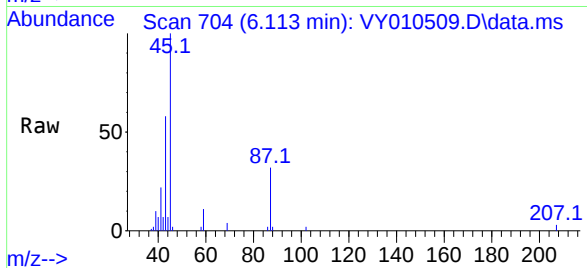




#22
Diisopropyl ether
Concen: 4.317 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

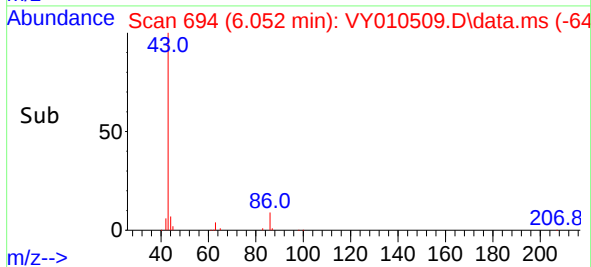
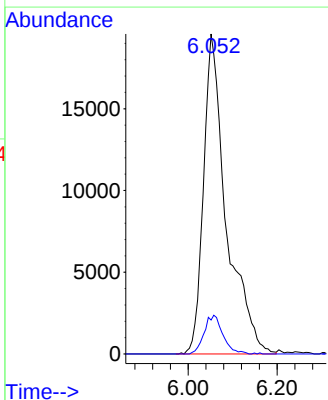
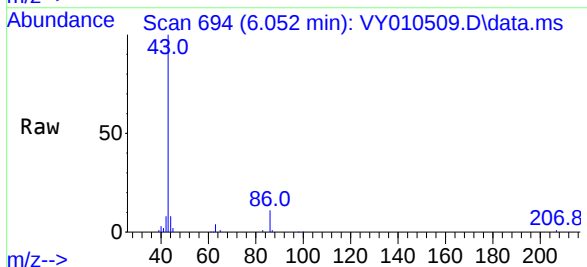
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

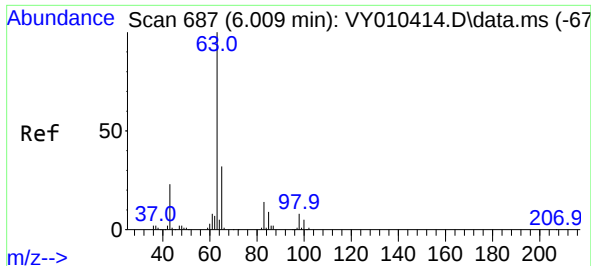
Tgt Ion:	45	Resp:	27386
Ion	Ratio	Lower	Upper
45	100		
43	56.4	49.3	73.9
87	32.0	19.2	28.8
59	11.4	8.4	12.6



#23
Vinyl Acetate
Concen: 17.971 ug/l
RT: 6.052 min Scan# 694
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	43	Resp:	69869
Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.1	10.7

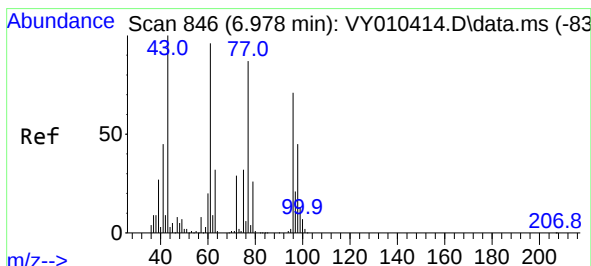
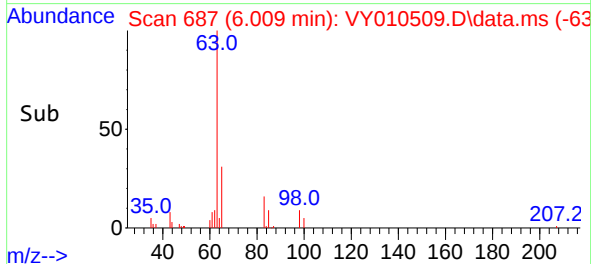
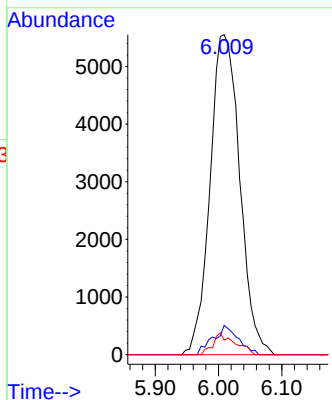
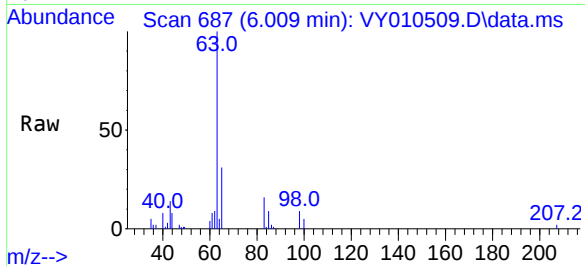




#24
1,1-Dichloroethane
Concen: 4.714 ug/l
RT: 6.009 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

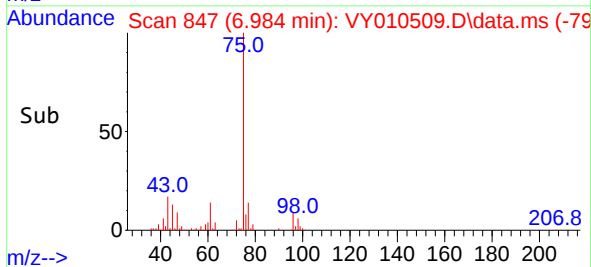
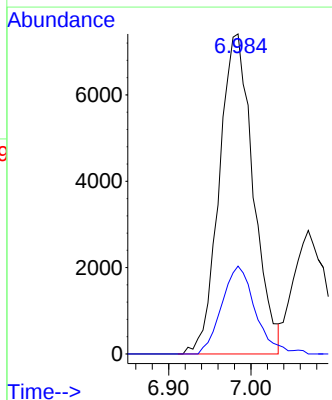
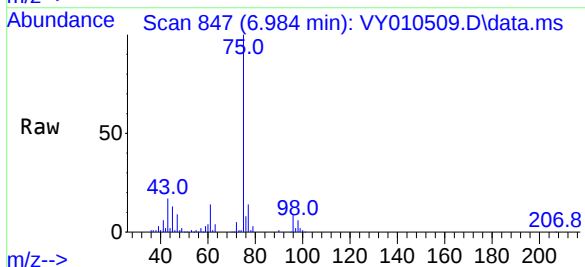
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

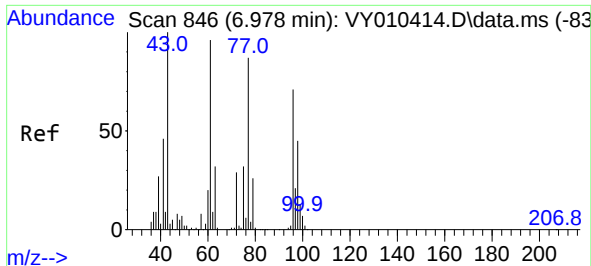
Tgt Ion:	63	Resp:	18105
Ion	Ratio	Lower	Upper
63	100		
98	9.2	3.6	10.8
100	4.6	2.0	5.8



#25
2-Butanone
Concen: 28.335 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	43	Resp:	21298
Ion	Ratio	Lower	Upper
43	100		
72	27.5	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 5.794 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

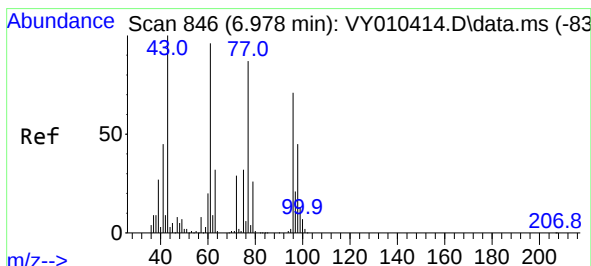
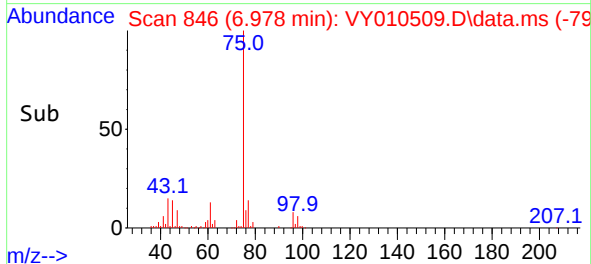
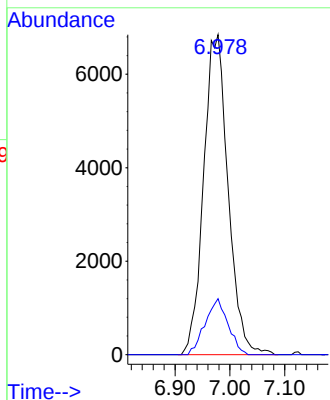
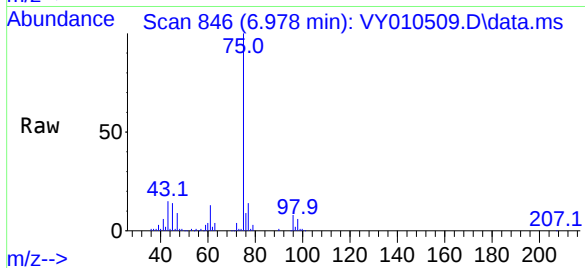
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 77 Resp: 21233

Ion Ratio Lower Upper

77 100

97 16.3 10.4 31.4



#27

cis-1,2-Dichloroethene

Concen: 4.445 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

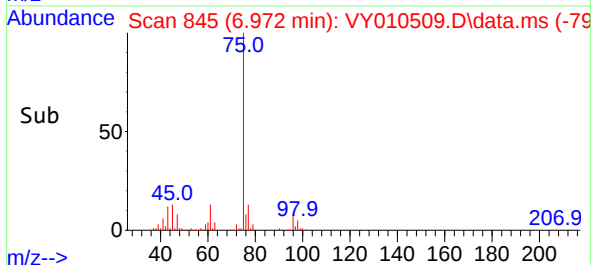
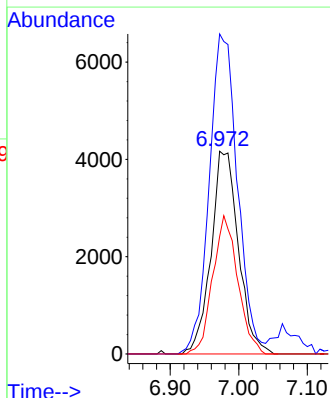
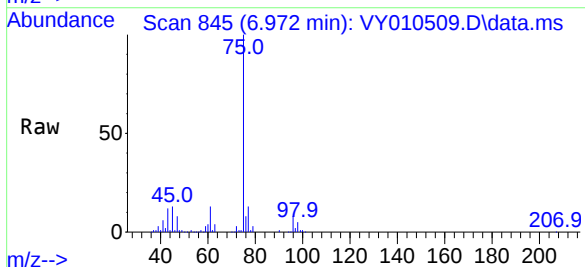
Tgt Ion: 96 Resp: 11576

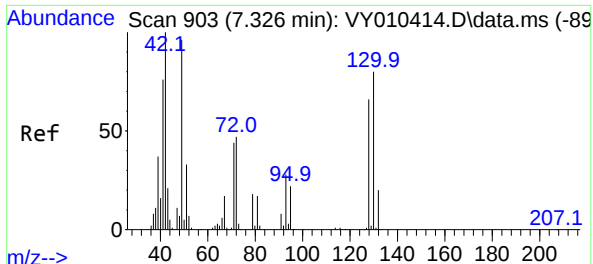
Ion Ratio Lower Upper

96 100

61 162.9 0.0 319.8

98 62.3 0.0 127.0





#28

Bromochloromethane

Concen: 5.484 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010509.D

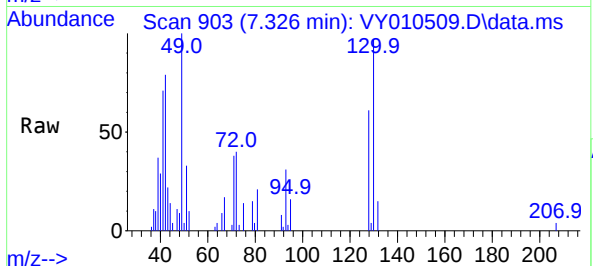
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



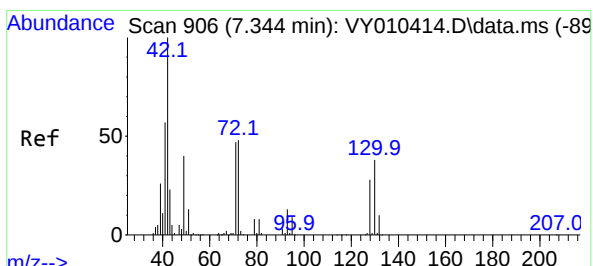
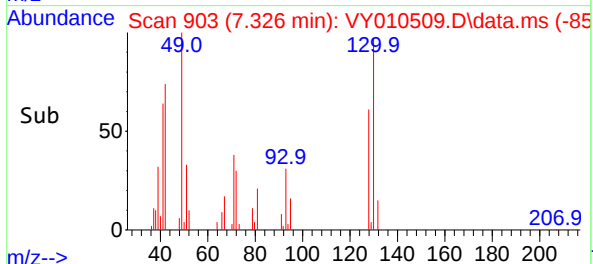
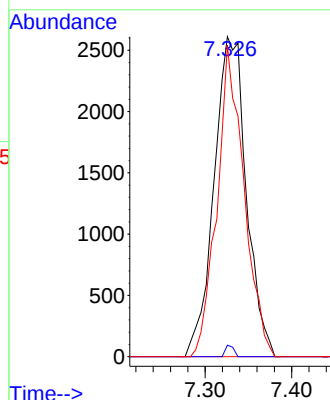
Tgt Ion: 49 Resp: 6753

Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.2

130 81.2 55.4 83.0



#29

Tetrahydrofuran

Concen: 22.393 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

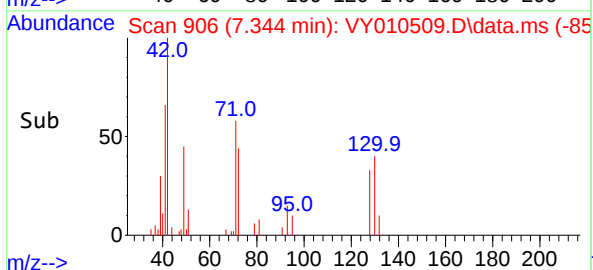
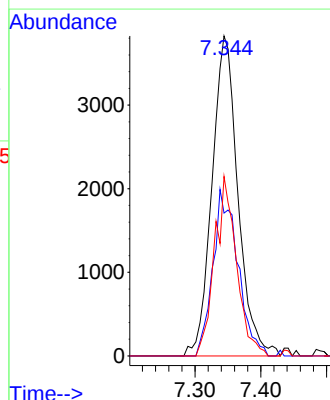
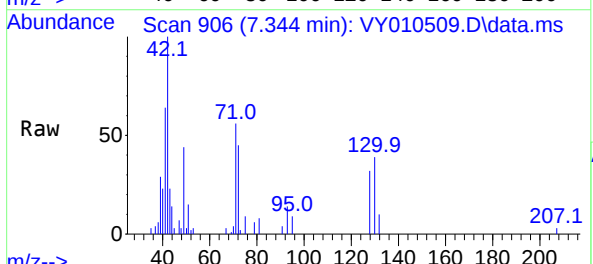
Tgt Ion: 42 Resp: 10505

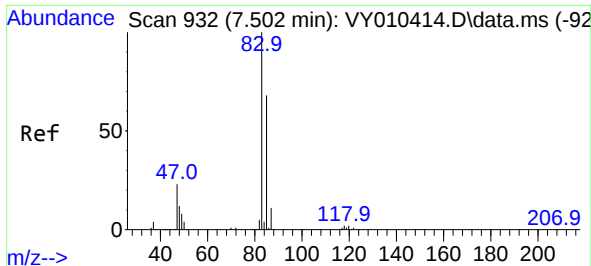
Ion Ratio Lower Upper

42 100

72 49.9 30.3 45.5#

71 47.4 29.0 43.4#

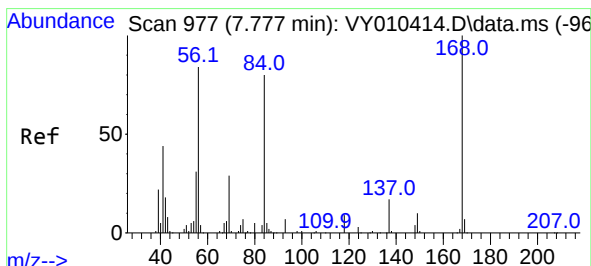
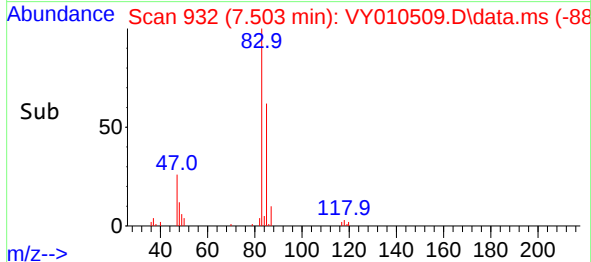
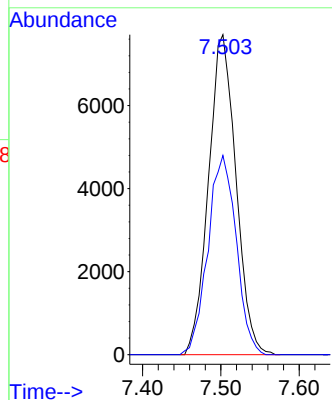
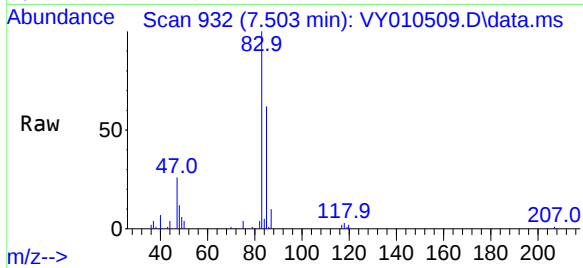




#30
Chloroform
Concen: 4.612 ug/l
RT: 7.503 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

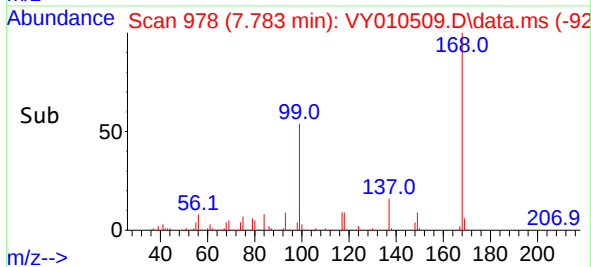
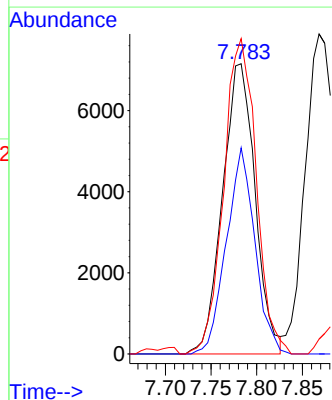
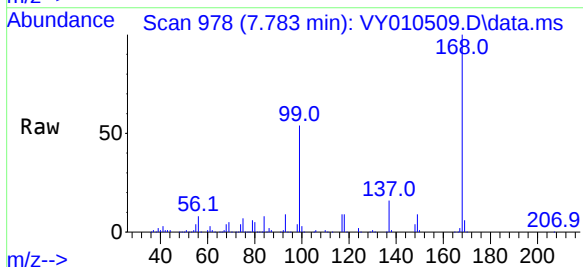
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

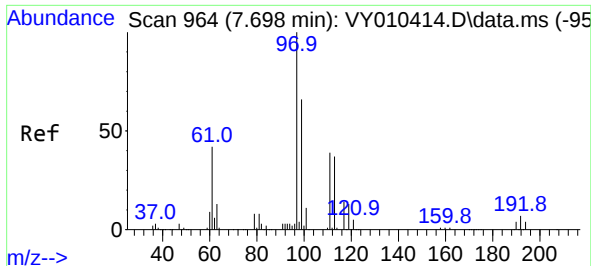
Tgt Ion: 83 Resp: 18788
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.6



#31
Cyclohexane
Concen: 5.089 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 56 Resp: 17718
Ion Ratio Lower Upper
56 100
69 71.0 26.7 40.1#
84 108.6 67.2 100.8#

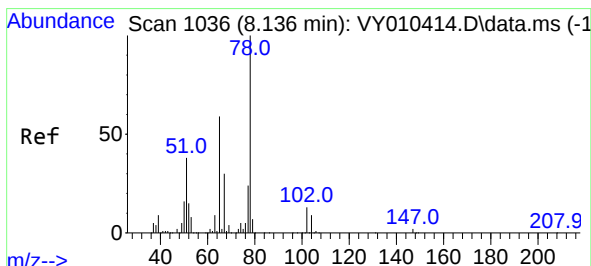
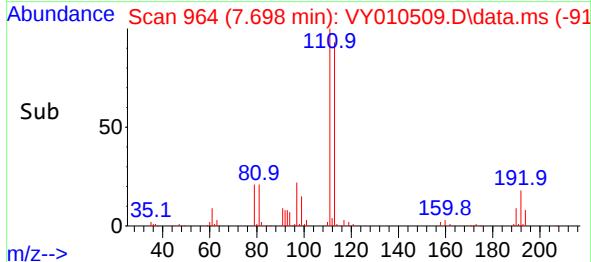
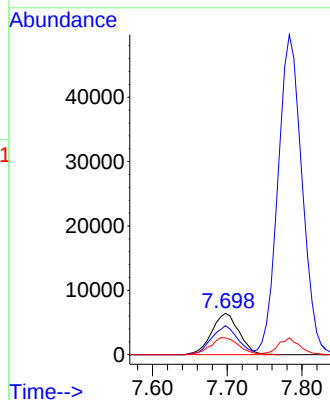
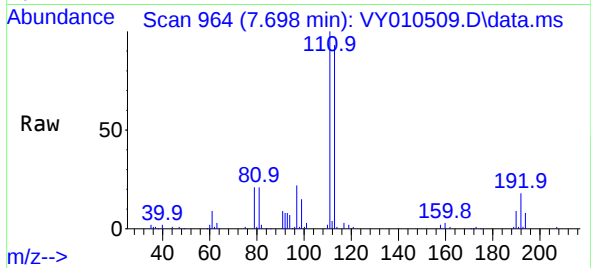




#32
1,1,1-Trichloroethane
Concen: 4.421 ug/l
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

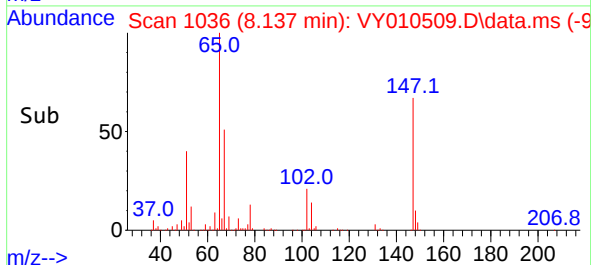
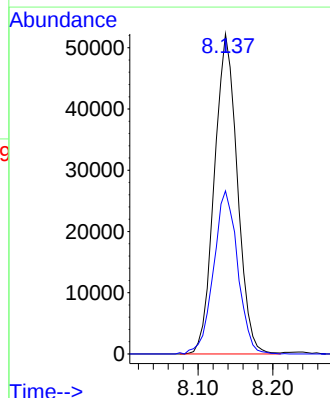
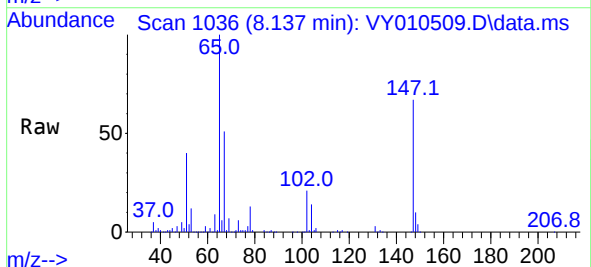
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

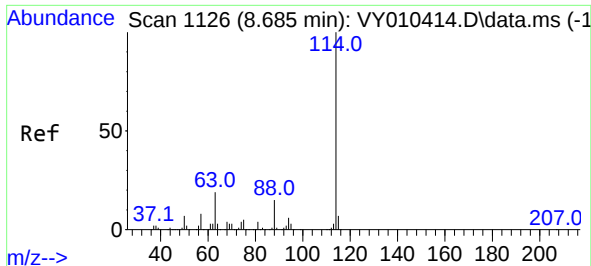
Tgt Ion: 97 Resp: 16309
Ion Ratio Lower Upper
97 100
99 67.0 50.7 76.1
61 42.5 37.6 56.4



#33
1,2-Dichloroethane-d4
Concen: 54.213 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 65 Resp: 111730
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

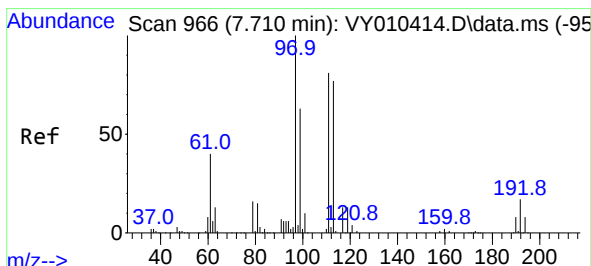
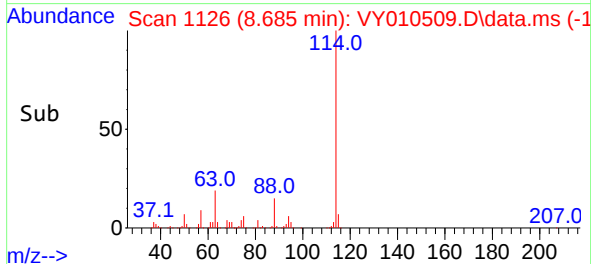
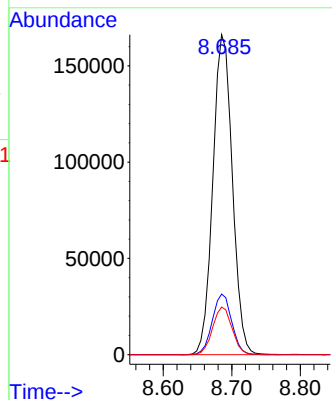
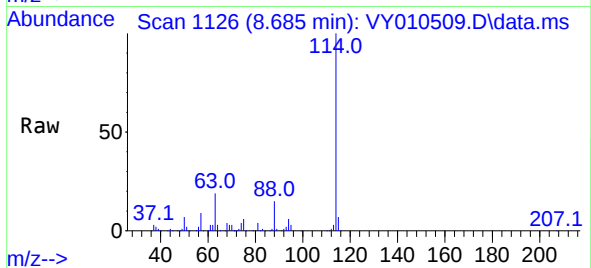
Tgt Ion:114 Resp: 328040

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.724 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

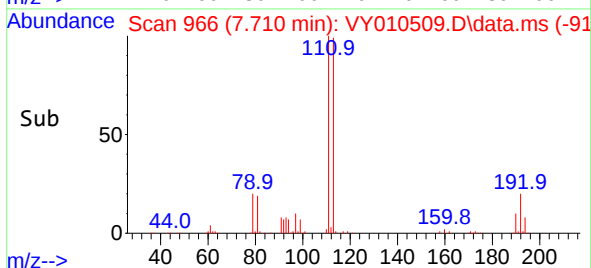
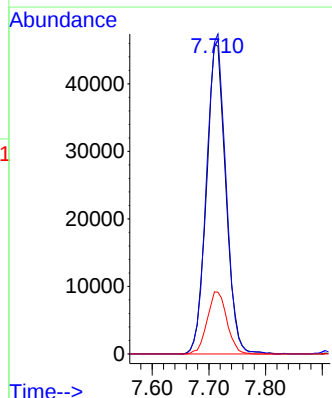
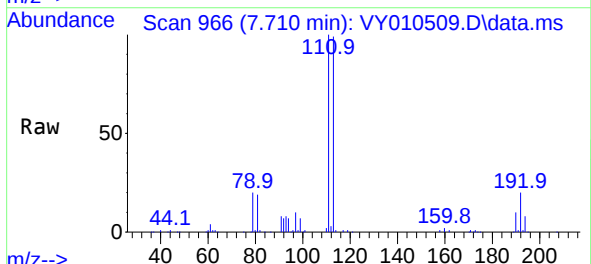
Tgt Ion:113 Resp: 108856

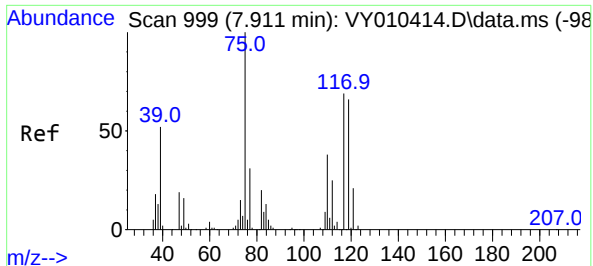
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.146 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY010509.D

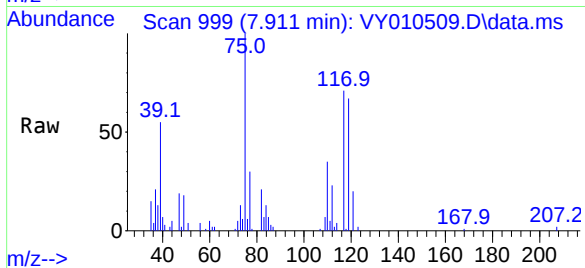
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

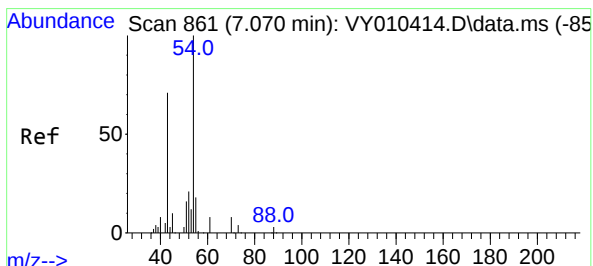
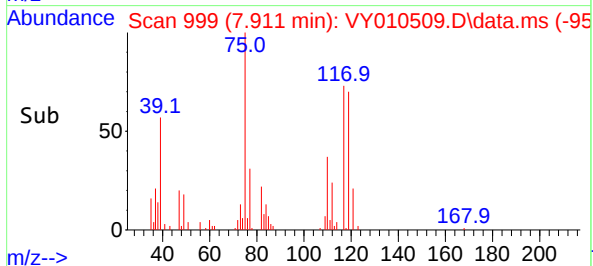
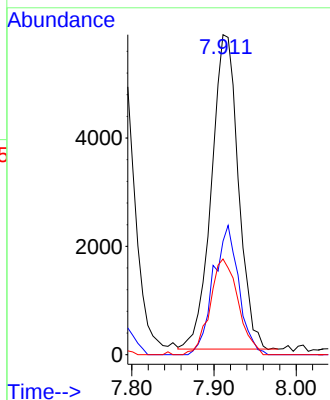
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 75 Resp: 13224

Ion	Ratio	Lower	Upper
75	100		
110	38.8	17.1	51.2
77	31.8	24.4	36.6



#37

Ethyl Acetate

Concen: 4.699 ug/l

RT: 7.070 min Scan# 861

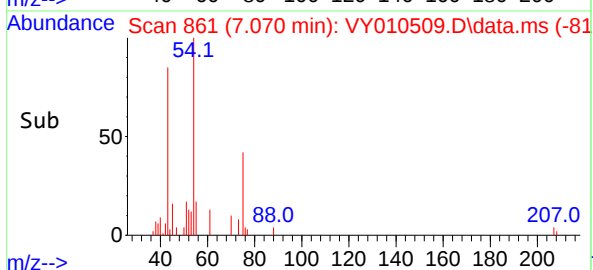
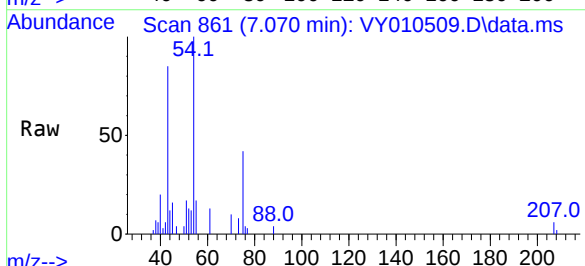
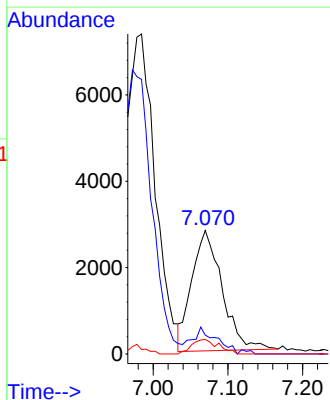
Delta R.T. -0.000 min

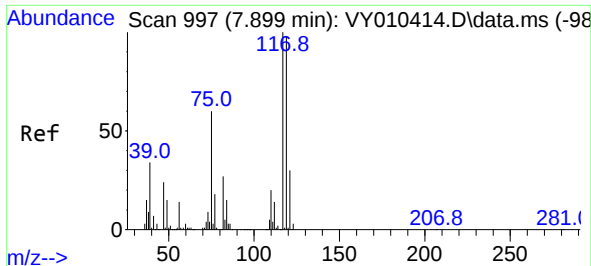
Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Tgt Ion: 43 Resp: 7879

Ion	Ratio	Lower	Upper
43	100		
61	18.4	9.7	14.5
70	10.7	7.1	10.7

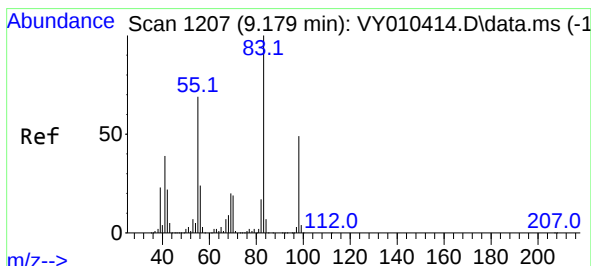
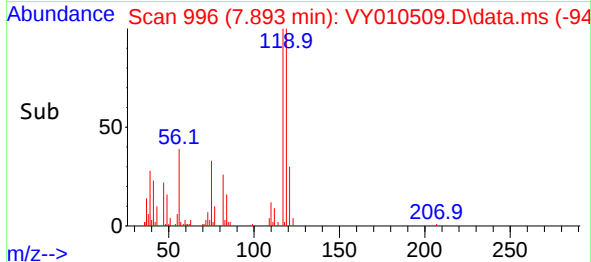
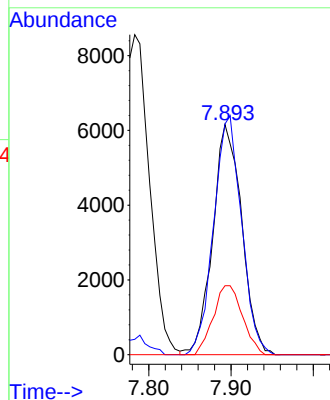
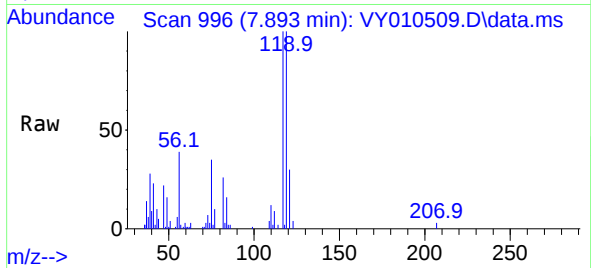




#38
Carbon Tetrachloride
Concen: 4.252 ug/l
RT: 7.893 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

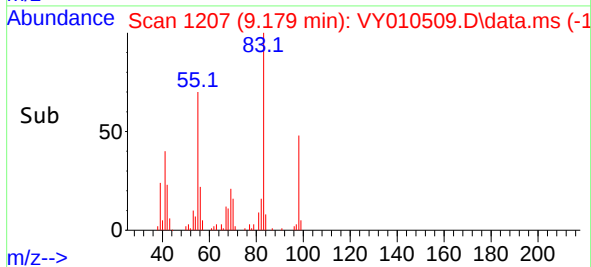
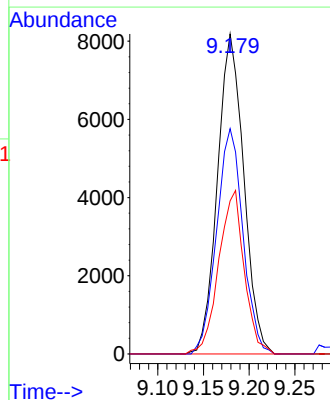
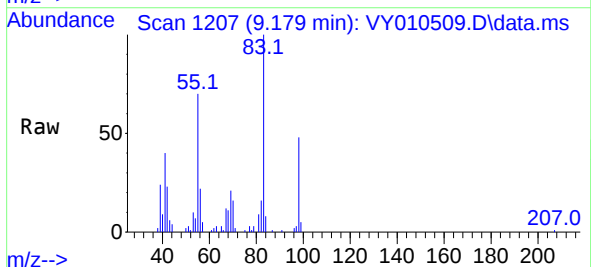
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

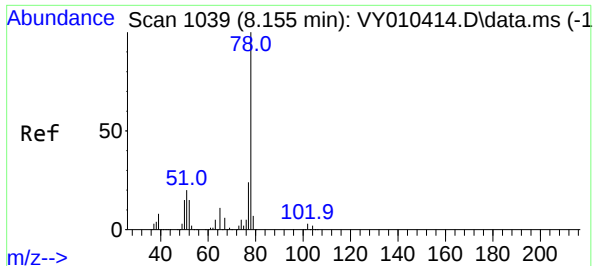
Tgt Ion:	117	Resp:	15086
Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.9	116.9
121	30.0	24.8	37.2



#39
Methylcyclohexane
Concen: 4.119 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	83	Resp:	16381
Ion	Ratio	Lower	Upper
83	100		
55	70.4	66.5	99.7
98	47.8	37.9	56.9

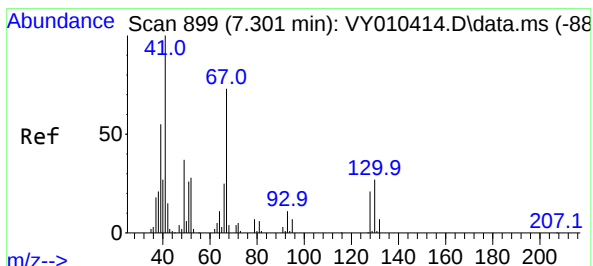
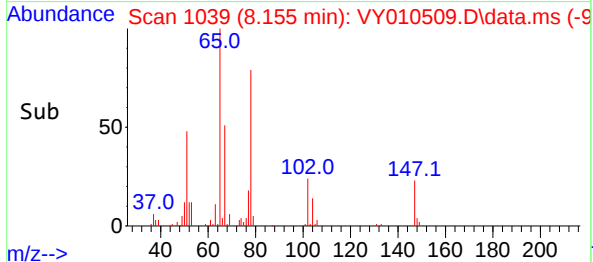
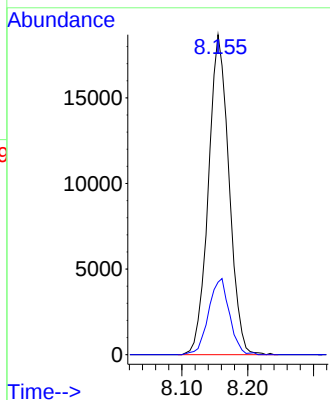
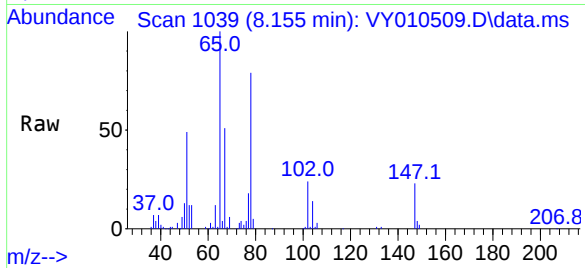




#40
Benzene
Concen: 4.432 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

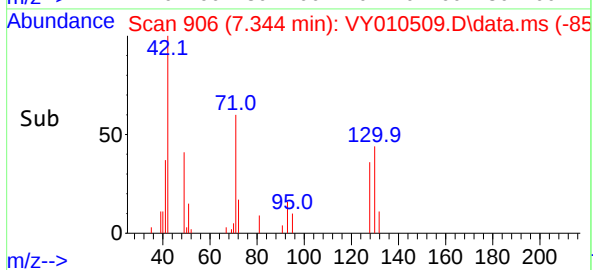
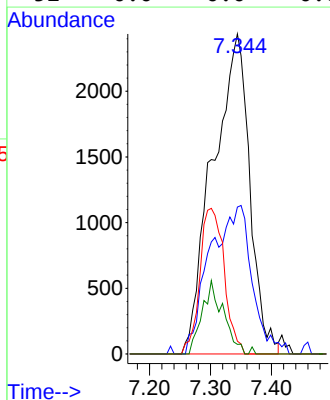
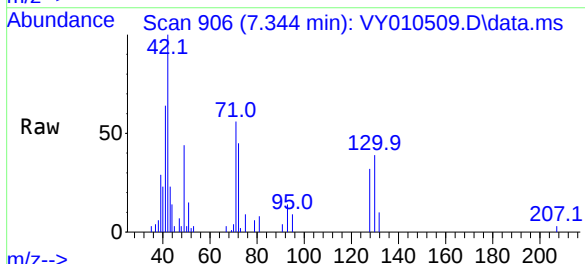
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

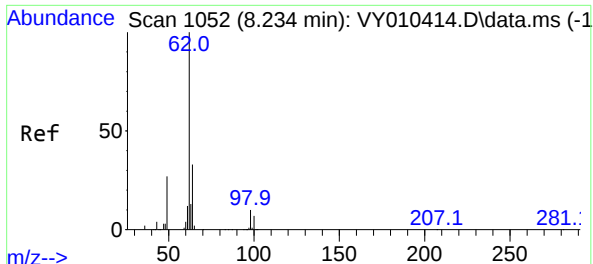
Tgt Ion: 78 Resp: 40691
Ion Ratio Lower Upper
78 100
77 22.7 20.4 30.6



#41
Methacrylonitrile
Concen: 10.691 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 41 Resp: 10248
Ion Ratio Lower Upper
41 100
39 32.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

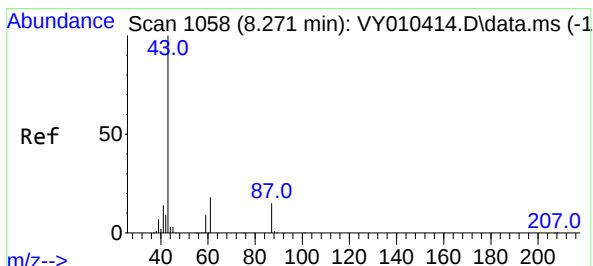
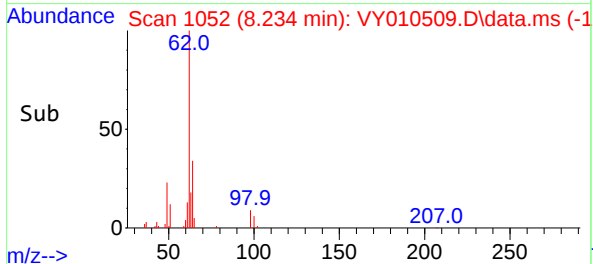
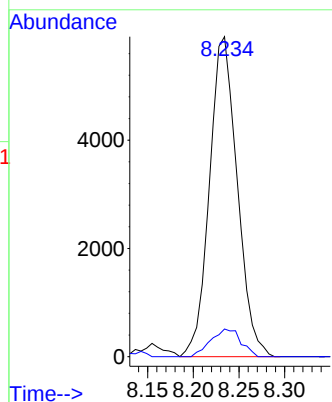
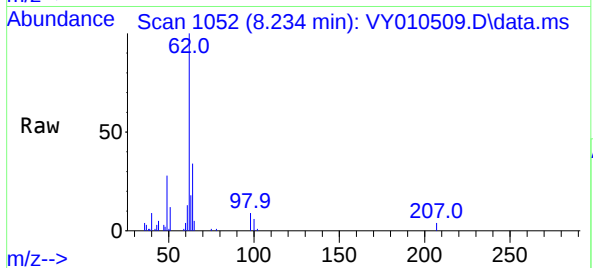




#42
1,2-Dichloroethane
Concen: 4.585 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

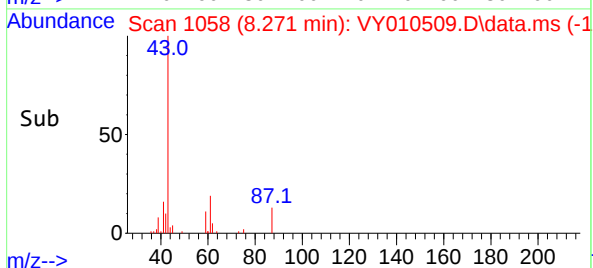
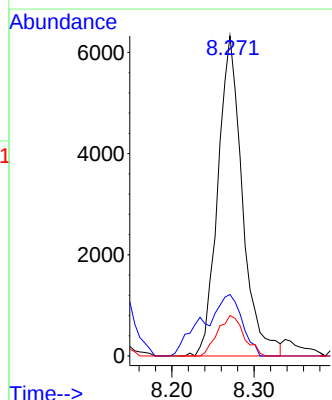
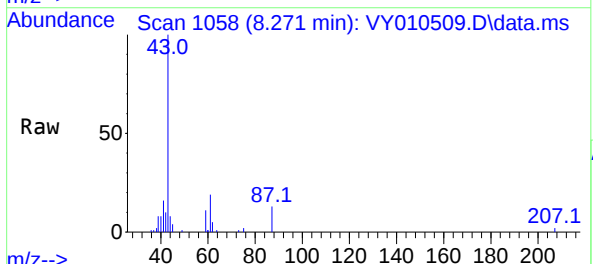
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

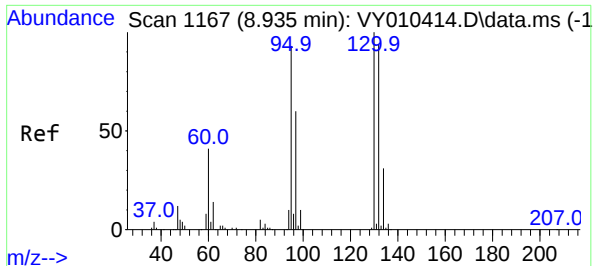
Tgt Ion: 62 Resp: 12518
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8



#43
Isopropyl Acetate
Concen: 4.264 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 43 Resp: 13085
Ion Ratio Lower Upper
43 100
61 19.9 20.2 30.2#
87 13.5 8.9 13.3#

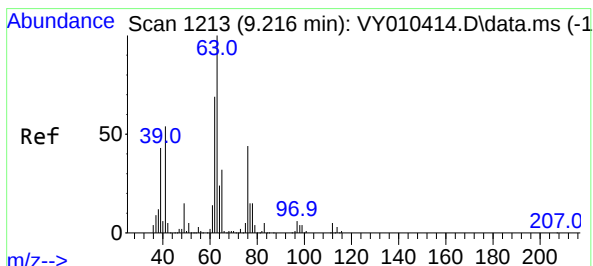
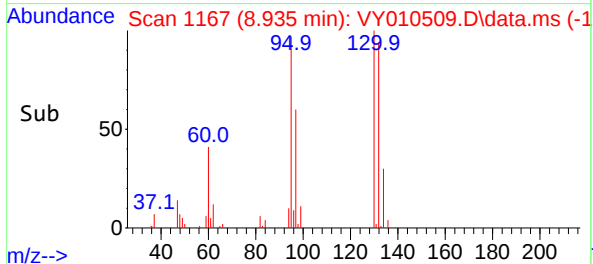
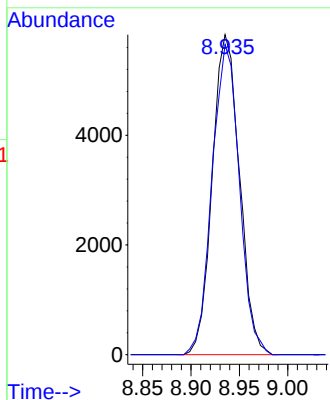
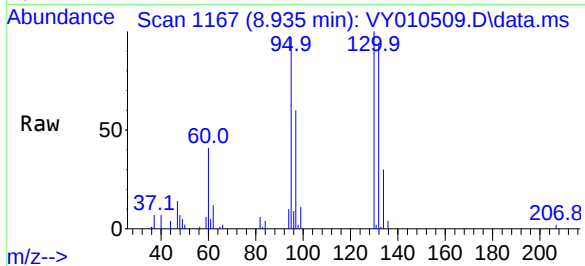




#44
Trichloroethene
Concen: 4.211 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

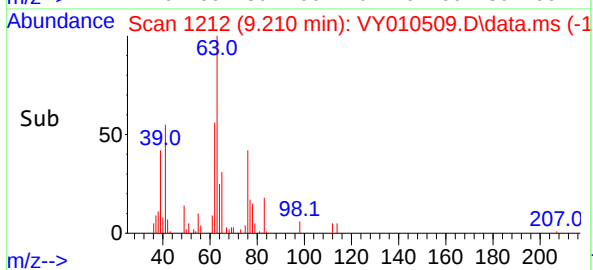
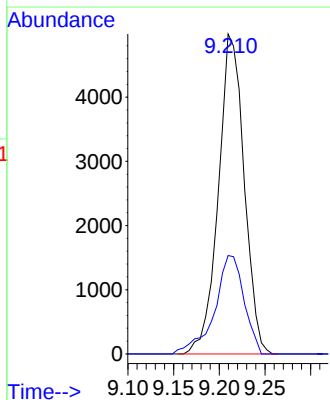
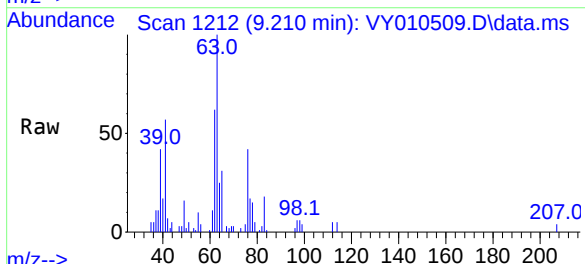
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

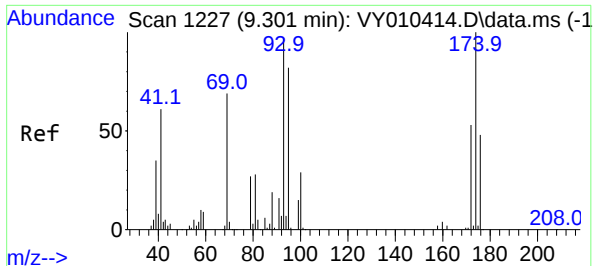
Tgt Ion:130 Resp: 11382
Ion Ratio Lower Upper
130 100
95 96.9 0.0 188.2



#45
1,2-Dichloropropane
Concen: 4.357 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 63 Resp: 9757
Ion Ratio Lower Upper
63 100
65 30.8 23.0 34.6

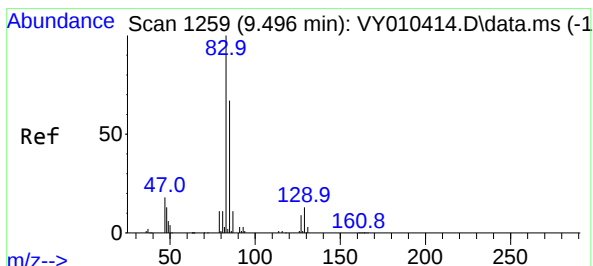
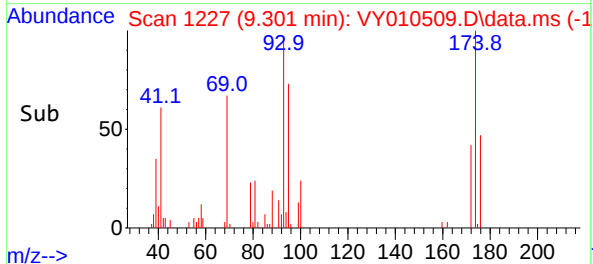
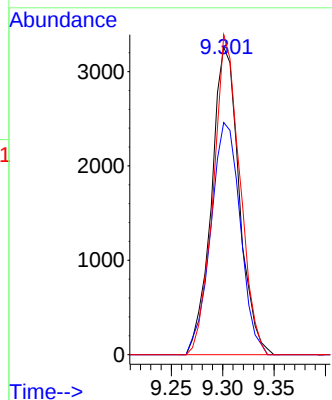
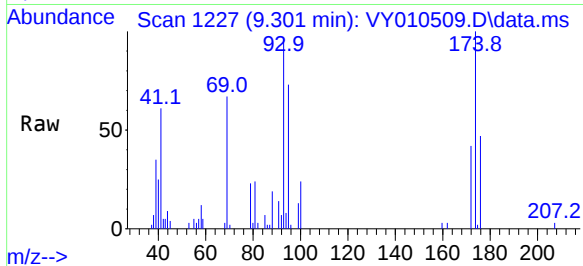




#46
Dibromomethane
Concen: 4.529 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

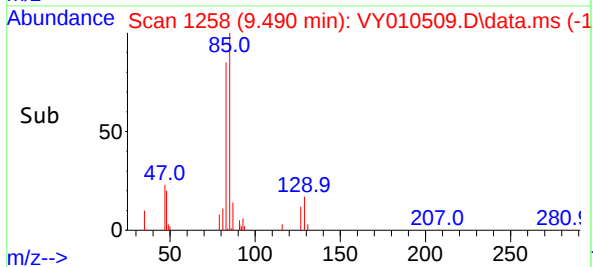
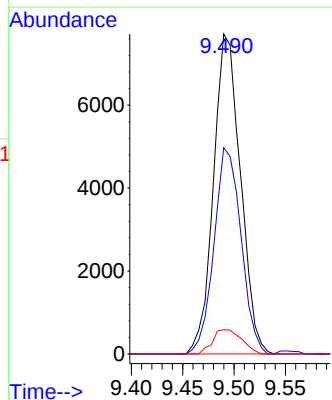
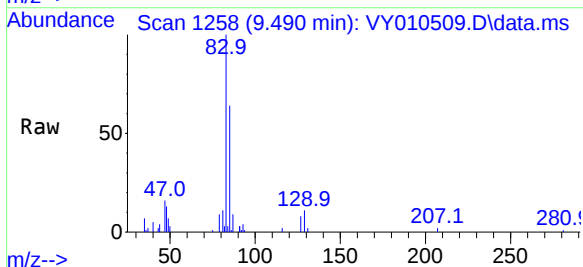
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

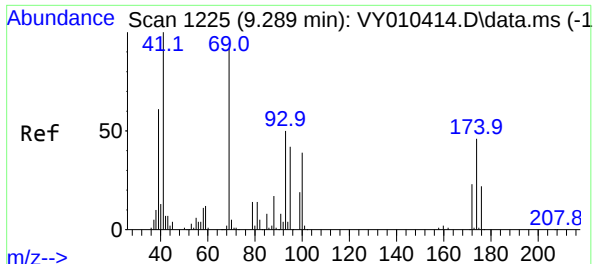
Tgt Ion: 93 Resp: 6116
Ion Ratio Lower Upper
93 100
95 80.3 64.3 96.5
174 99.3 83.4 125.0



#47
Bromodichloromethane
Concen: 4.383 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 83 Resp: 14059
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9
127 7.6 6.6 10.0





#48

Methyl methacrylate

Concen: 3.855 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010509.D

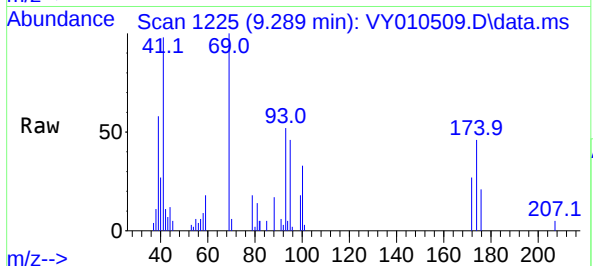
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



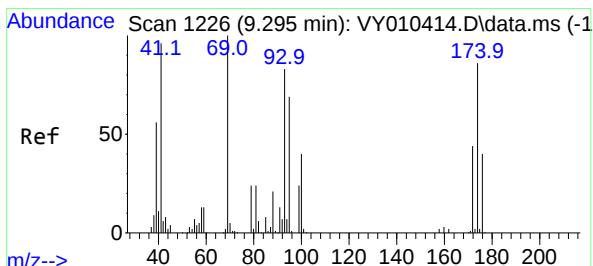
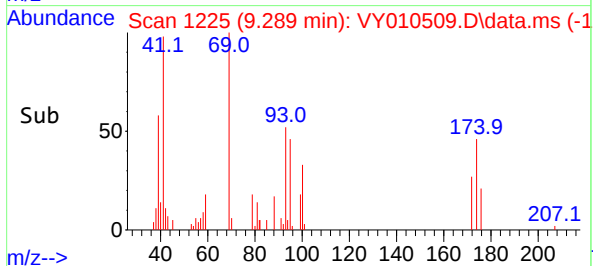
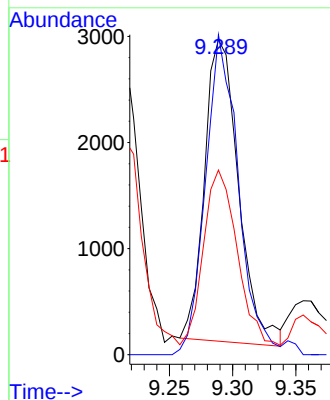
Tgt Ion: 41 Resp: 5312

Ion Ratio Lower Upper

41 100

69 104.3 58.2 87.2#

39 59.1 47.4 71.0



#49

1,4-Dioxane

Concen: 91.858 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

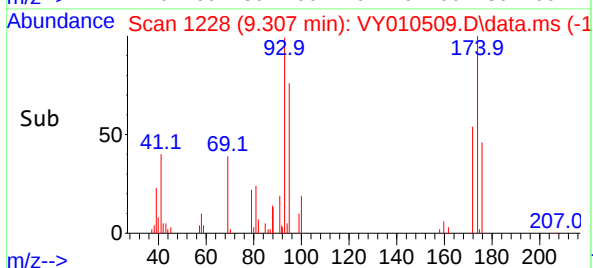
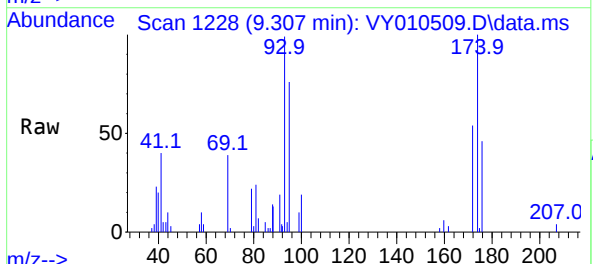
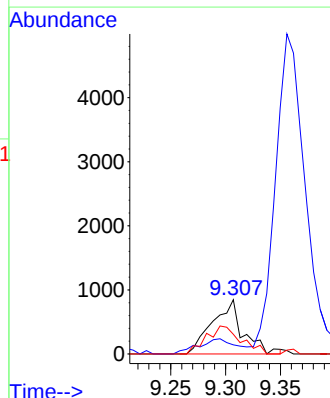
Tgt Ion: 88 Resp: 1642

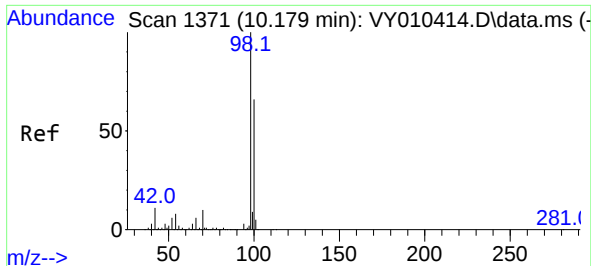
Ion Ratio Lower Upper

88 100

43 34.2 32.8 49.2

58 58.0 59.8 89.6#

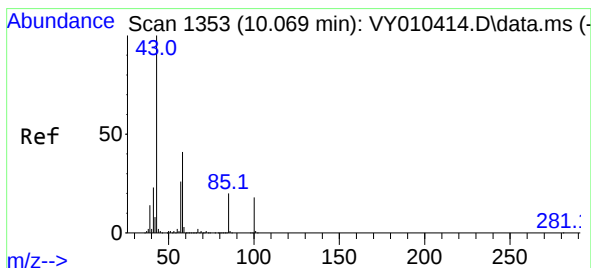
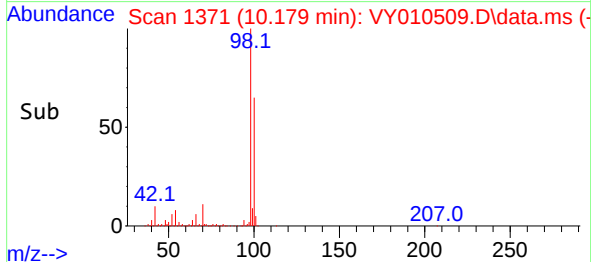
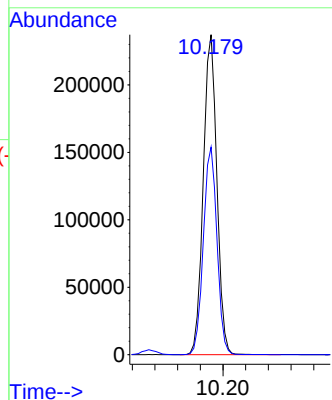
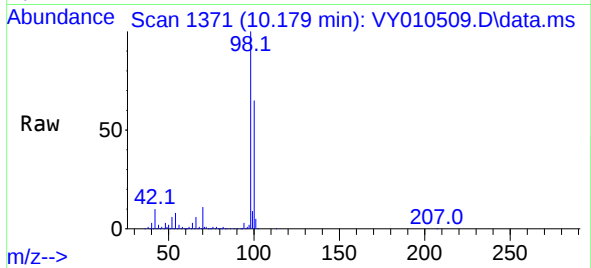




#50
Toluene-d8
Concen: 52.202 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

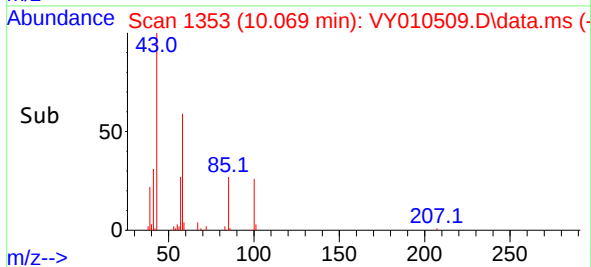
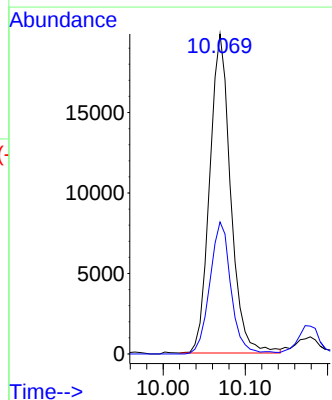
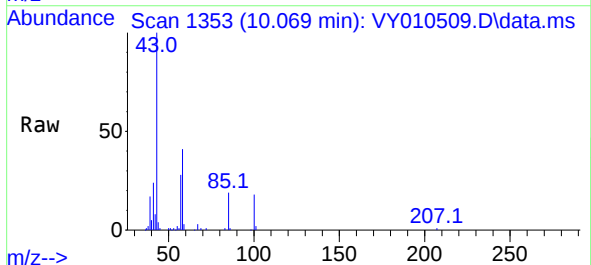
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

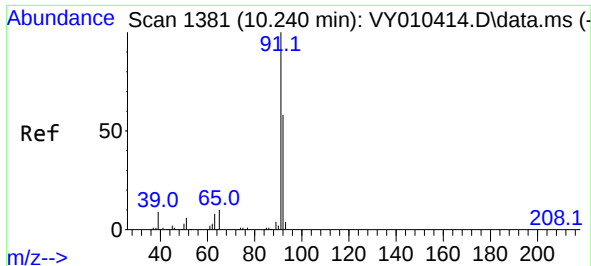
Tgt Ion: 98 Resp: 394157
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 20.848 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 43 Resp: 35088
Ion Ratio Lower Upper
43 100
58 41.9 28.1 42.1

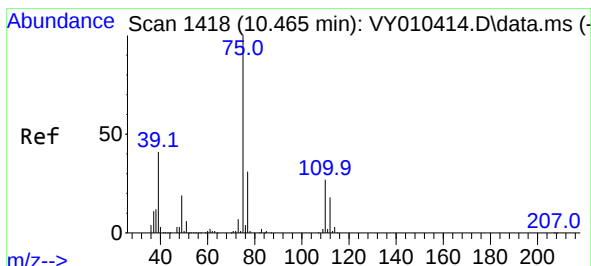
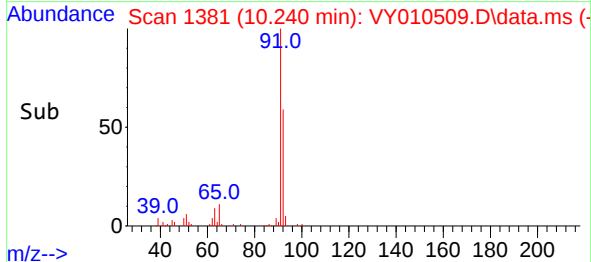
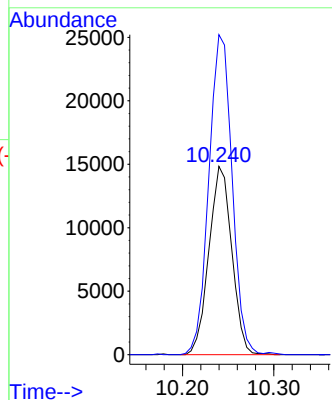
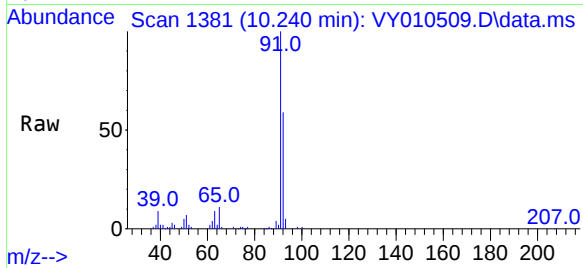




#52
Toluene
Concen: 4.305 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

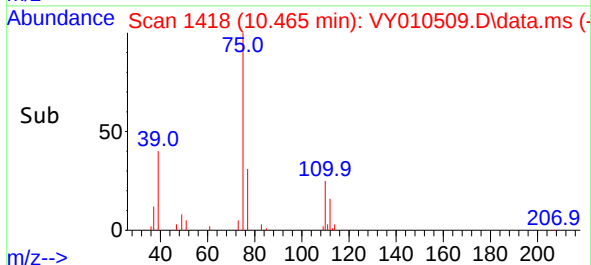
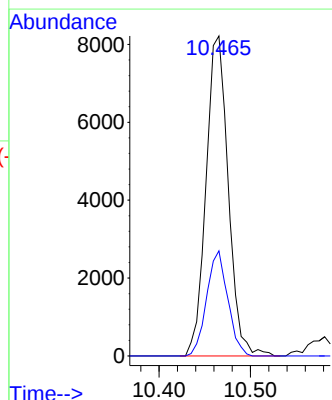
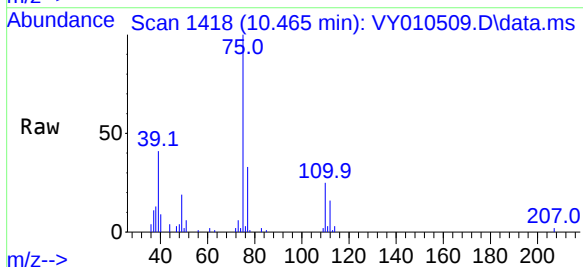
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

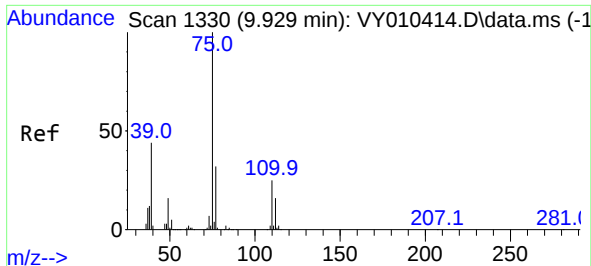
Tgt Ion: 92 Resp: 25863
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 4.202 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 75 Resp: 13870
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

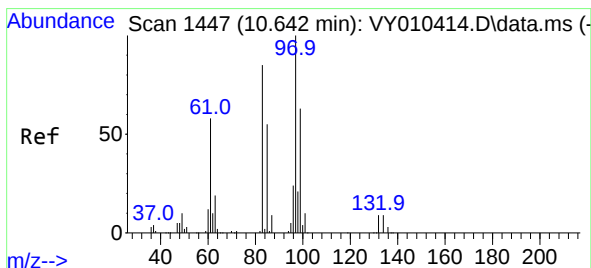
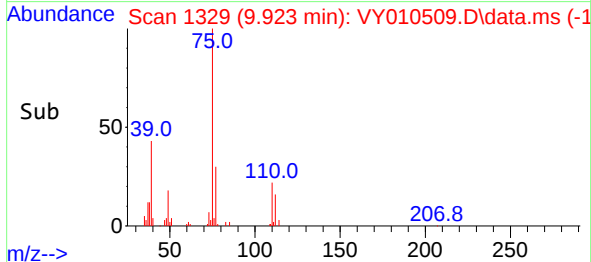
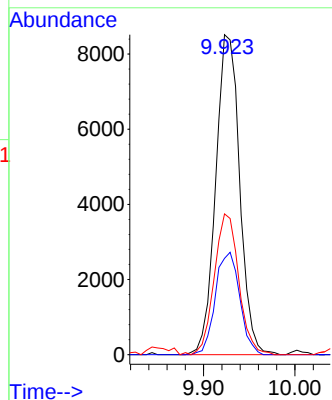
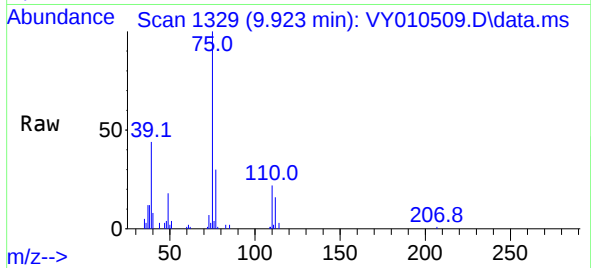




#54
cis-1,3-Dichloropropene
Concen: 4.173 ug/l
RT: 9.923 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

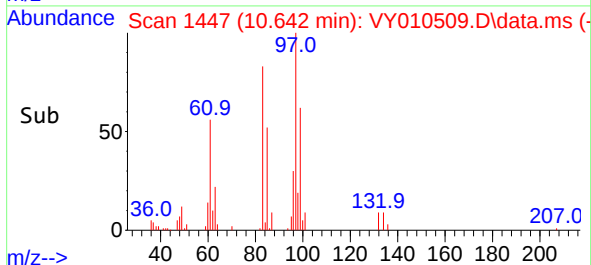
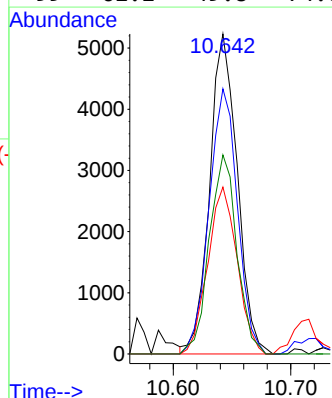
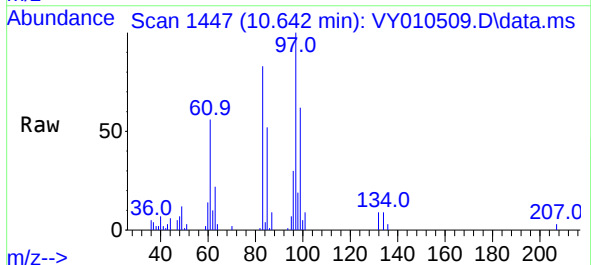
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

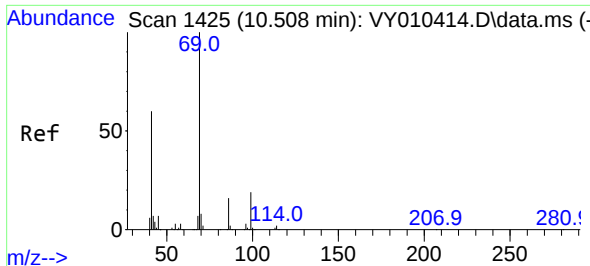
Tgt Ion: 75 Resp: 15535
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4
39 44.0 47.6 71.4#



#55
1,1,2-Trichloroethane
Concen: 4.451 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 97 Resp: 8549
Ion Ratio Lower Upper
97 100
83 82.8 69.8 104.8
85 52.2 44.3 66.5
99 62.2 49.8 74.6

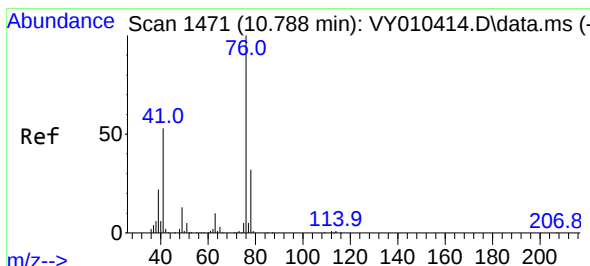
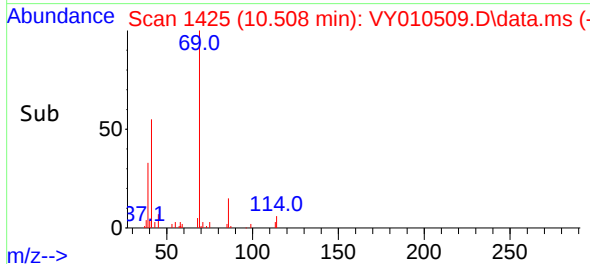
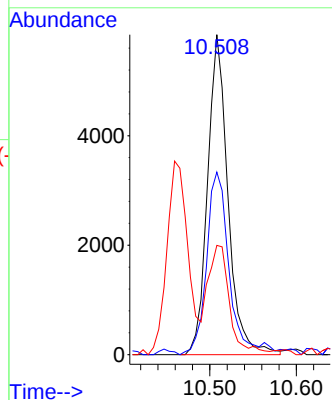
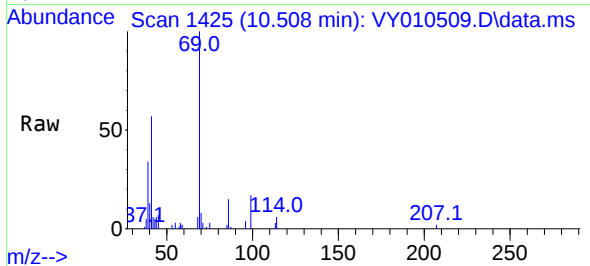




#56
Ethyl methacrylate
Concen: 3.799 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

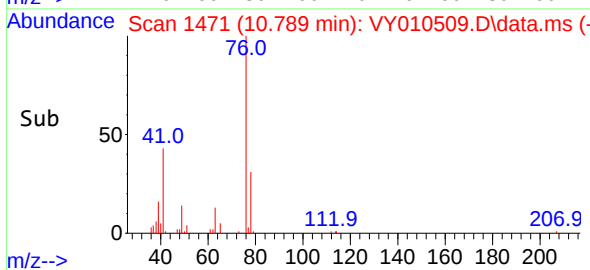
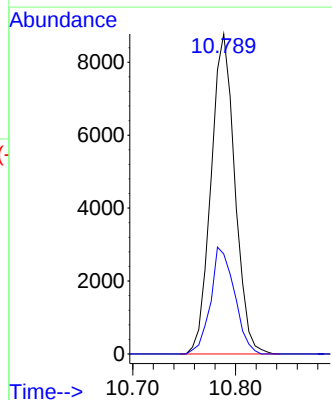
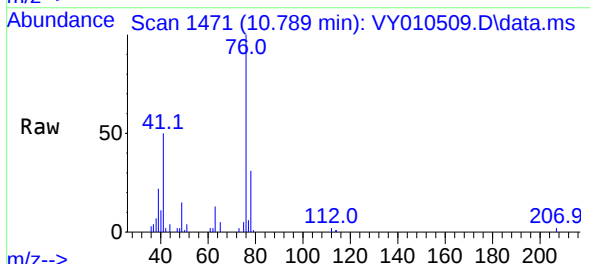
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

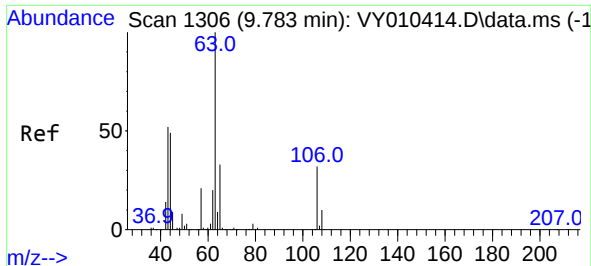
Tgt Ion: 69 Resp: 9584
Ion Ratio Lower Upper
69 100
41 61.5 63.4 95.0#
39 36.3 35.8 53.8



#57
1,3-Dichloropropane
Concen: 4.420 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 76 Resp: 14116
Ion Ratio Lower Upper
76 100
78 33.5 25.0 37.6





#58

2-Chloroethyl Vinyl ether

Concen: 28.932 ug/l

RT: 9.783 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

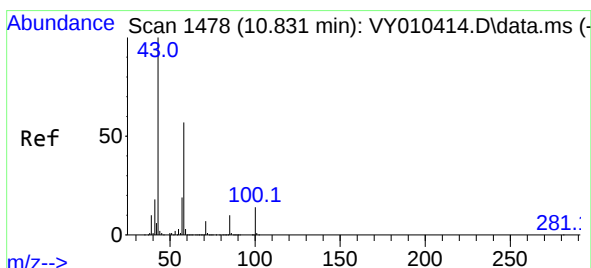
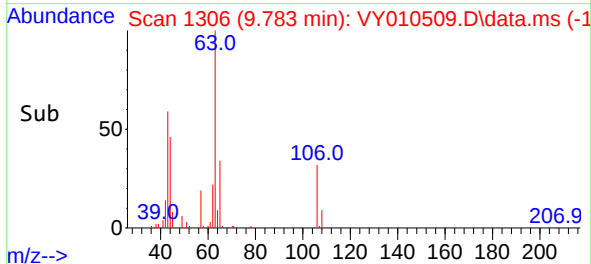
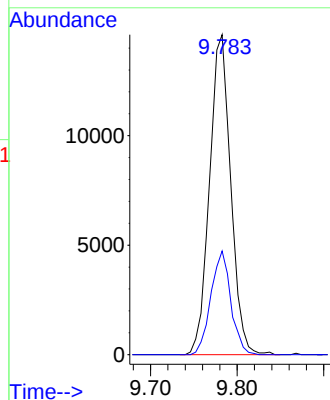
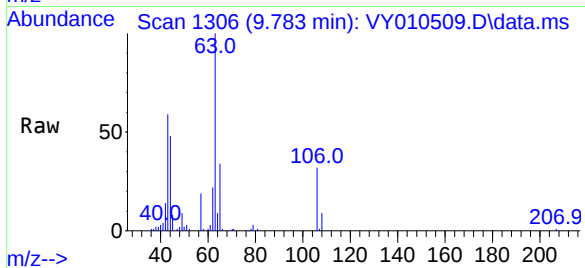
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 24829

Ion Ratio Lower Upper

63 100

106 30.5 21.5 32.3



#59

2-Hexanone

Concen: 19.876 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY010509.D

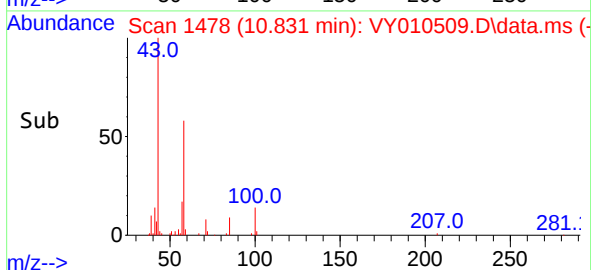
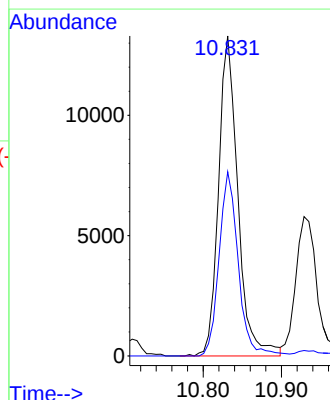
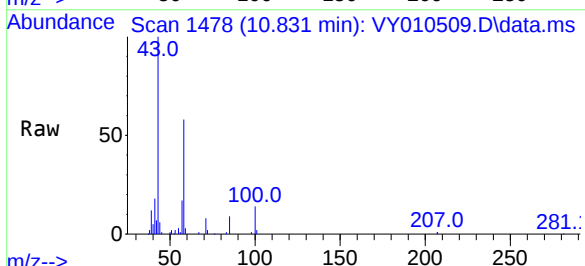
Acq: 15 Sep 2022 14:28

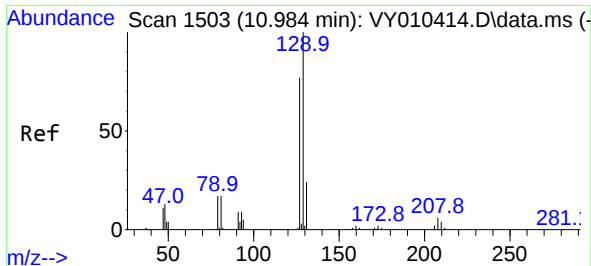
Tgt Ion: 43 Resp: 22803

Ion Ratio Lower Upper

43 100

58 57.2 24.4 73.4

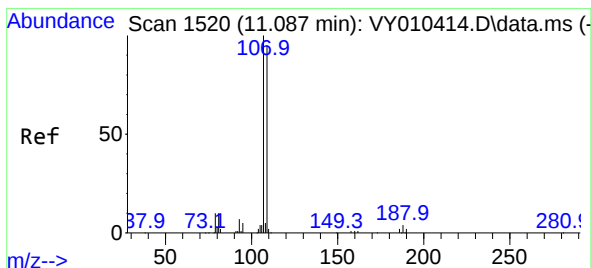
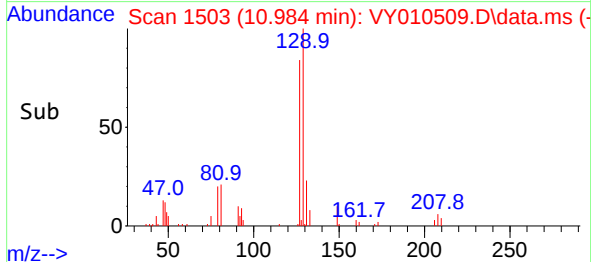
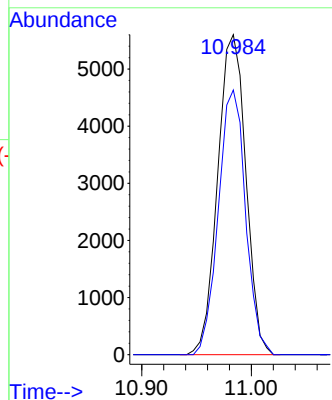
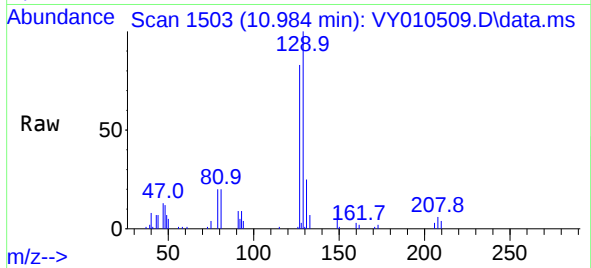




#60
Dibromochloromethane
Concen: 4.258 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

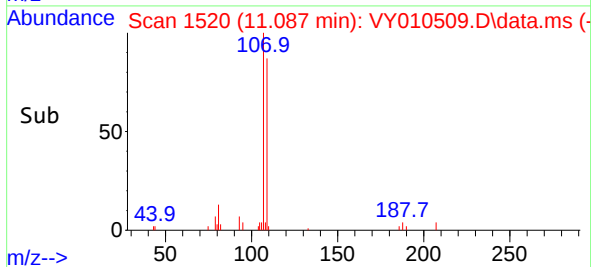
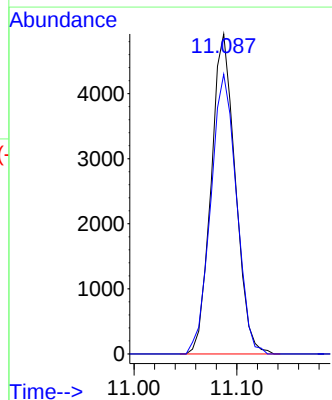
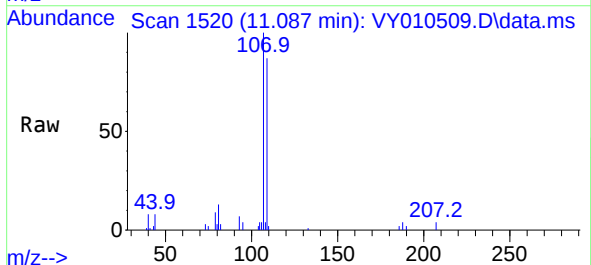
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

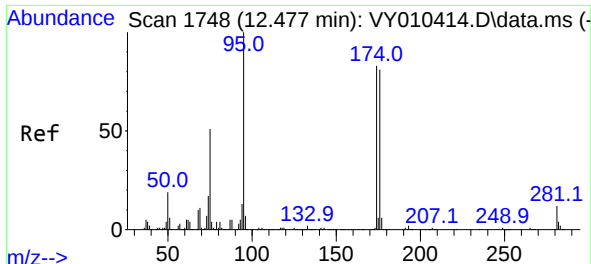
Tgt Ion:129 Resp: 9996
Ion Ratio Lower Upper
129 100
127 79.9 38.7 116.1



#61
1,2-Dibromoethane
Concen: 4.309 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:107 Resp: 8034
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2

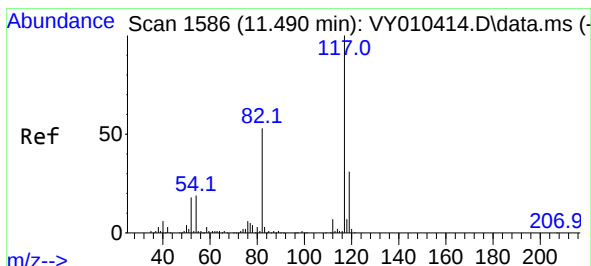
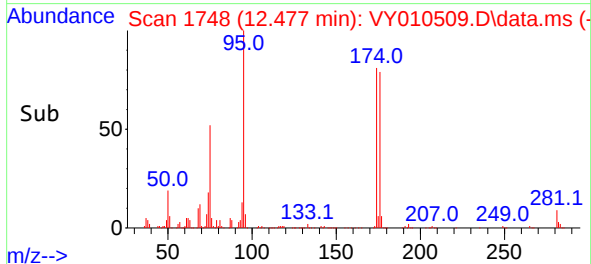
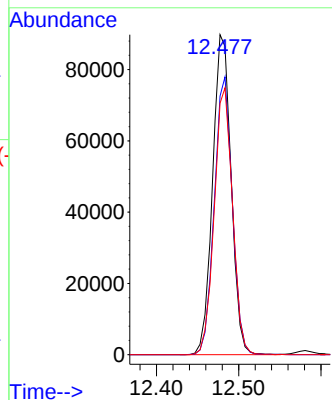
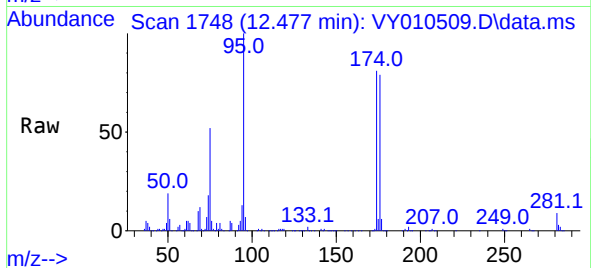




#62
4-Bromofluorobenzene
Concen: 40.478 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

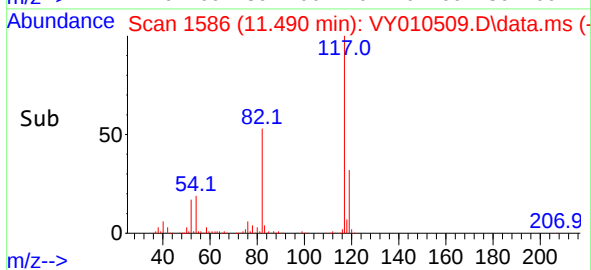
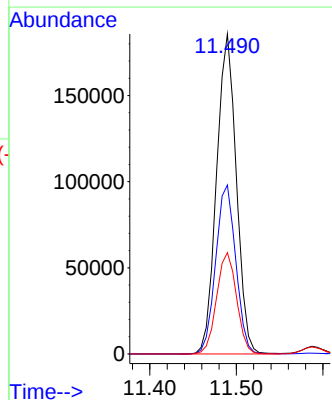
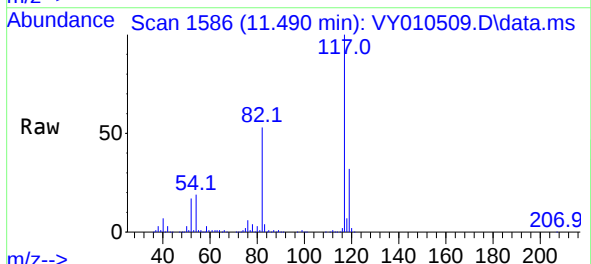
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

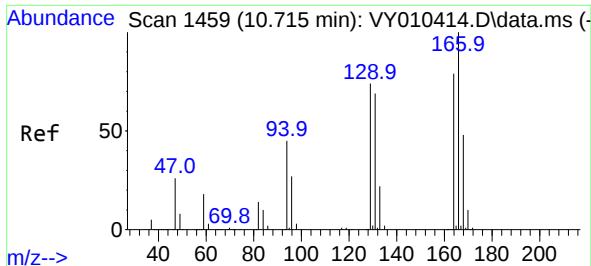
Tgt Ion: 95 Resp: 140251
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 117 Resp: 294813
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.7 25.4 38.0

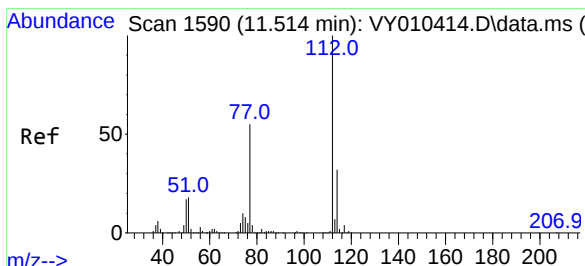
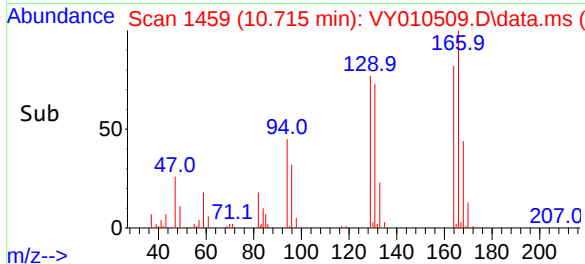
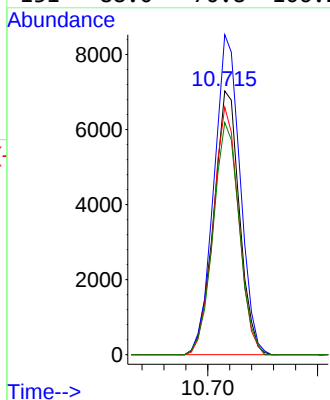
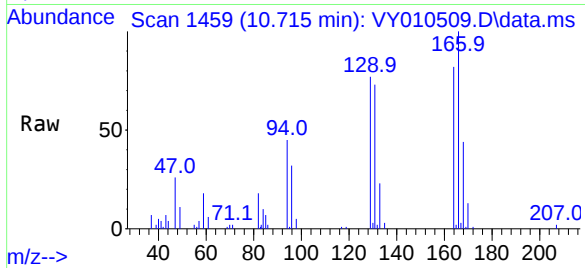




#64
Tetrachloroethene
Concen: 4.330 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

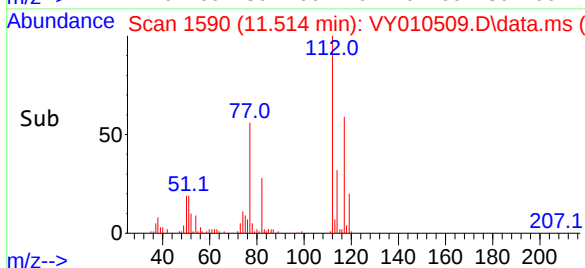
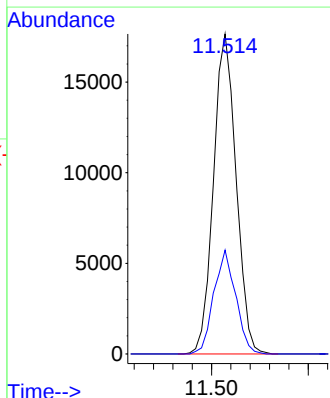
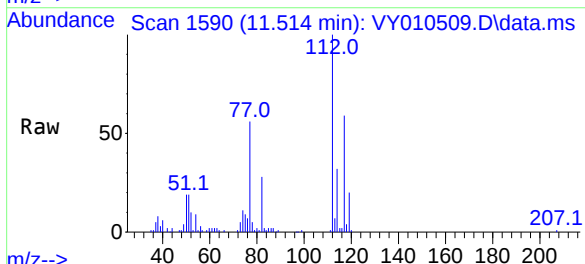
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

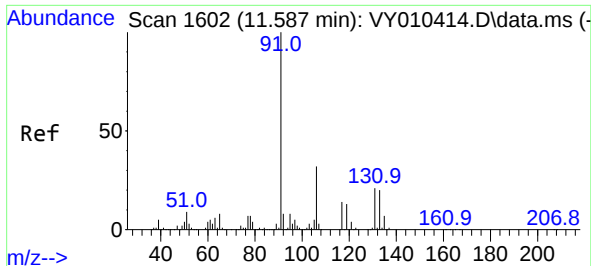
Tgt Ion:164	Resp:	11507
Ion	Ratio	Lower Upper
164	100	
166	121.4	100.4 150.6
129	93.9	71.4 107.0
131	88.0	70.8 106.2



#65
Chlorobenzene
Concen: 4.342 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:112	Resp:	28625
Ion	Ratio	Lower Upper
112	100	
114	32.4	25.8 38.6

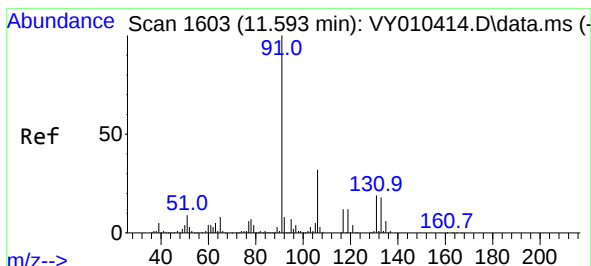
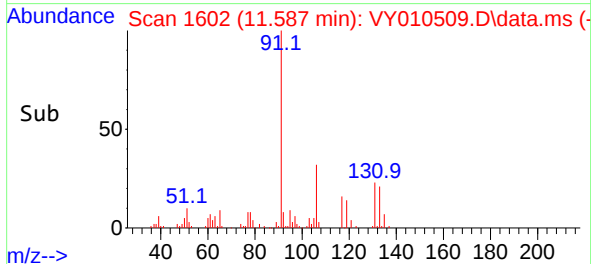
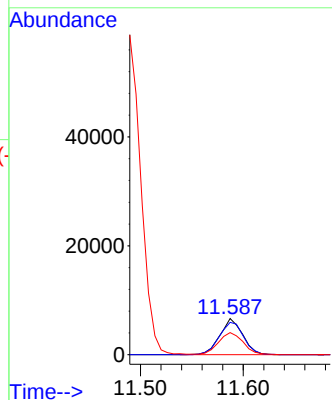
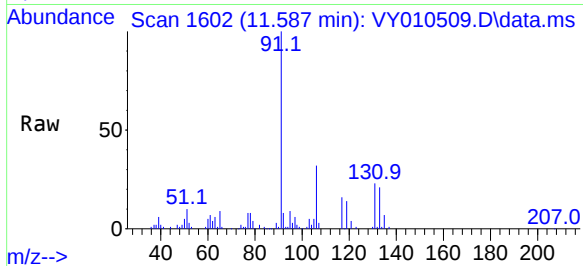




#66
1,1,1,2-Tetrachloroethane
Concen: 4.164 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

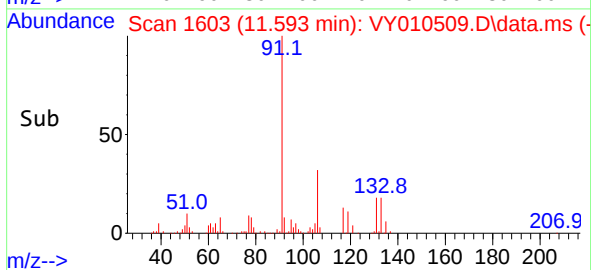
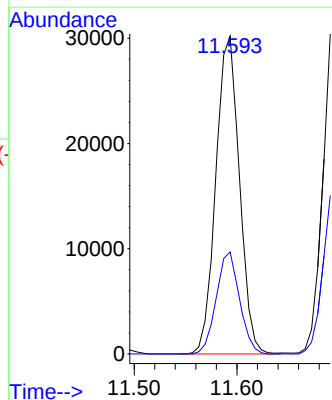
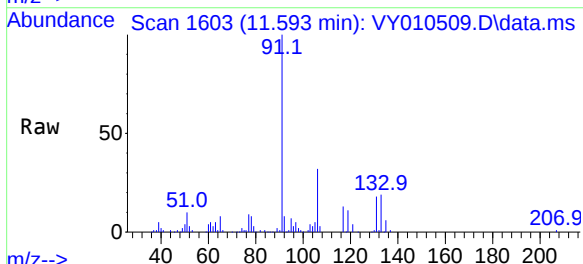
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

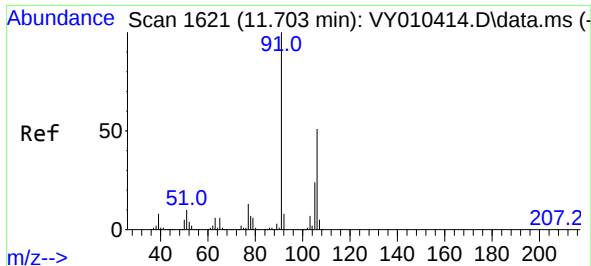
Tgt Ion:131 Resp: 10169
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 66.5 30.8 92.3



#67
Ethyl Benzene
Concen: 4.115 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 91 Resp: 48014
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

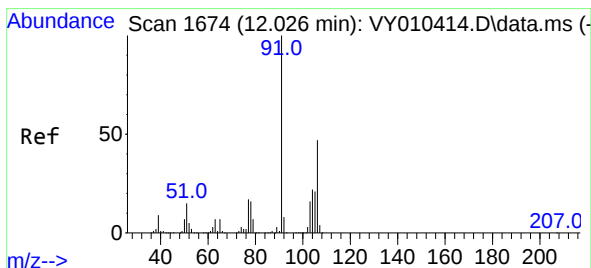
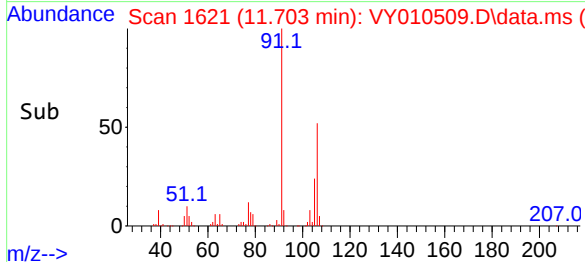
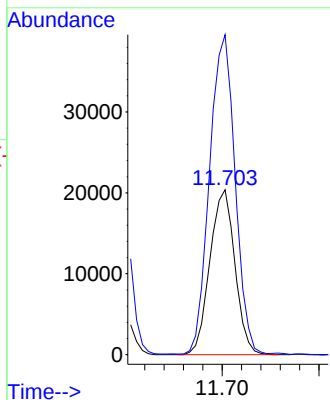
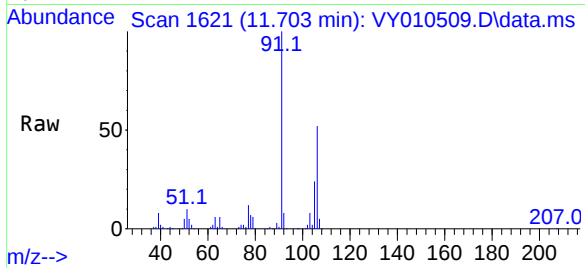




#68
m/p-Xylenes
Concen: 7.984 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

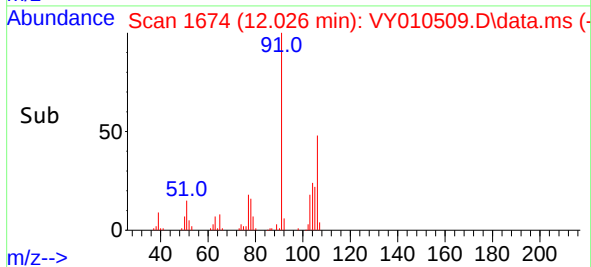
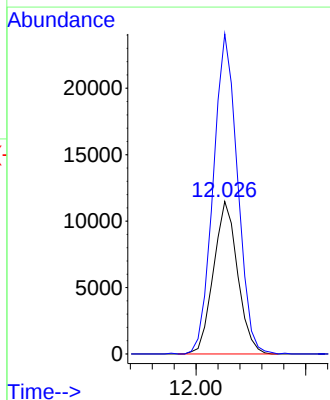
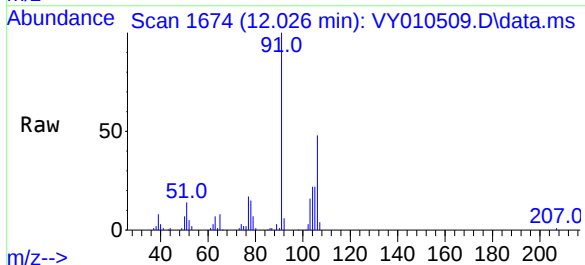
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

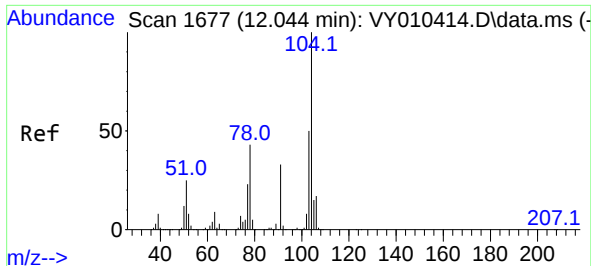
Tgt Ion:106 Resp: 36575
Ion Ratio Lower Upper
106 100
91 199.5 166.6 249.8



#69
o-Xylene
Concen: 4.009 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:106 Resp: 17538
Ion Ratio Lower Upper
106 100
91 211.4 110.3 331.0

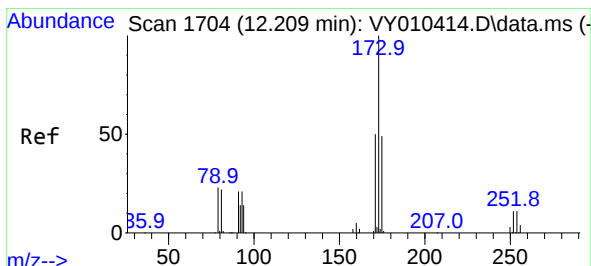
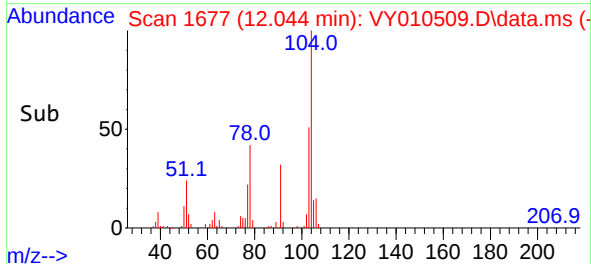
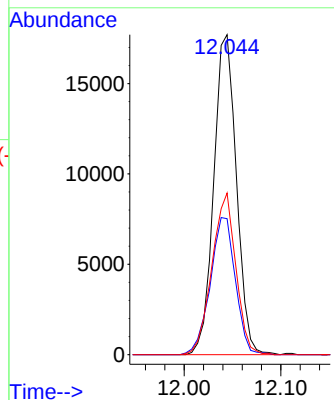
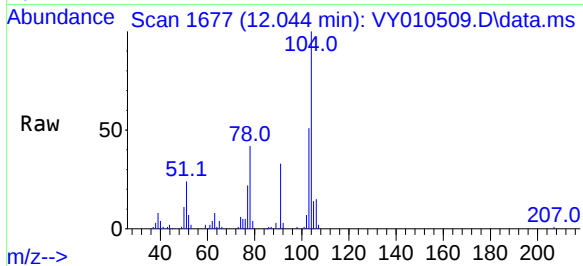




#70
Styrene
Concen: 3.892 ug/l
RT: 12.044 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

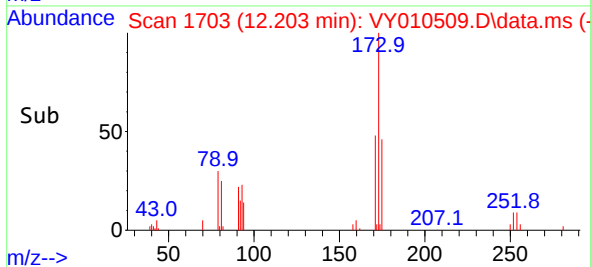
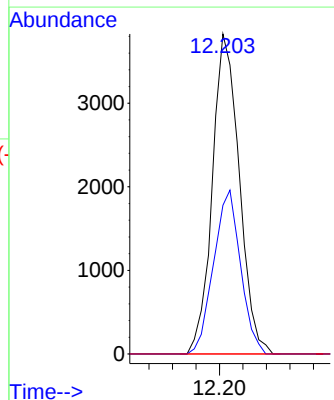
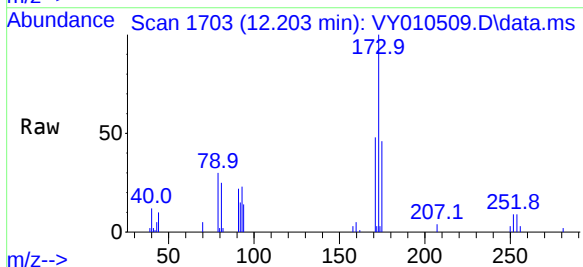
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

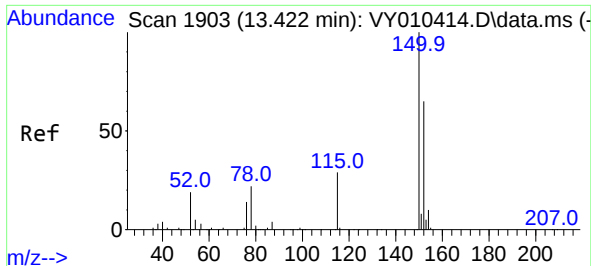
Tgt Ion:104	Resp:	28816
Ion Ratio	Lower	Upper
104	100	
78	47.5	42.4 63.6
103	53.4	44.4 66.6



#71
Bromoform
Concen: 3.993 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:173	Resp:	6096
Ion Ratio	Lower	Upper
173	100	
175	51.1	24.6 74.0
254	0.0	0.0 0.0

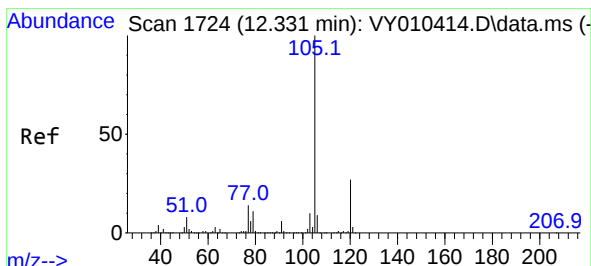
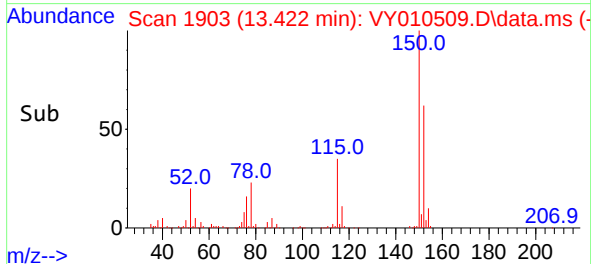
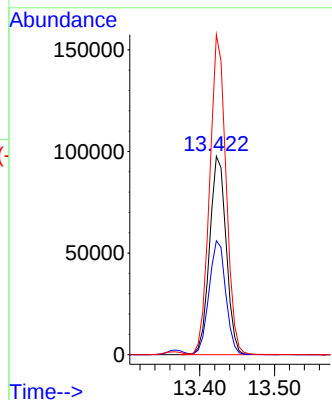
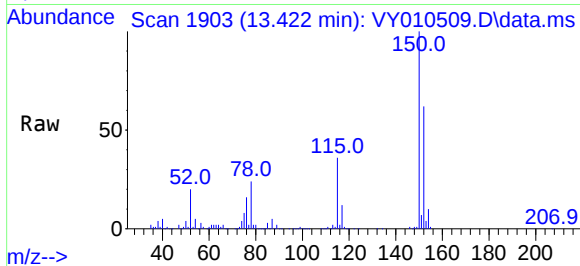




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

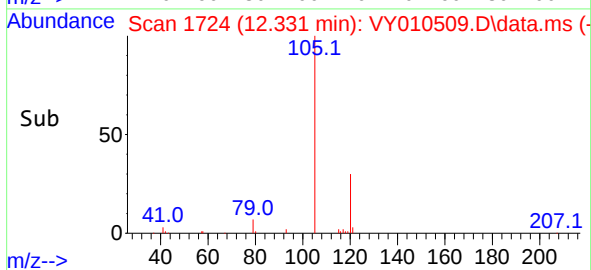
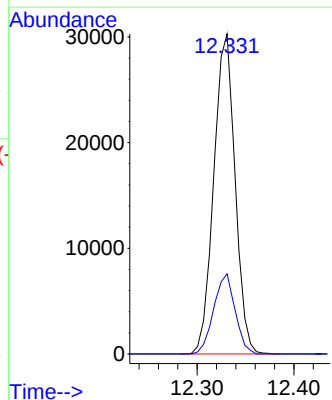
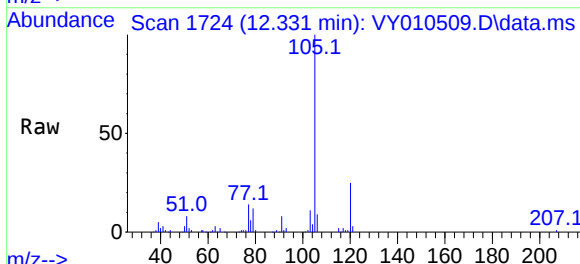
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

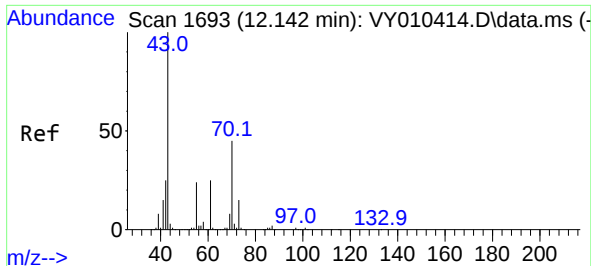
Tgt Ion:152 Resp: 150473
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.6 0.0 347.6



#73
Isopropylbenzene
Concen: 3.938 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:105 Resp: 46229
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.2

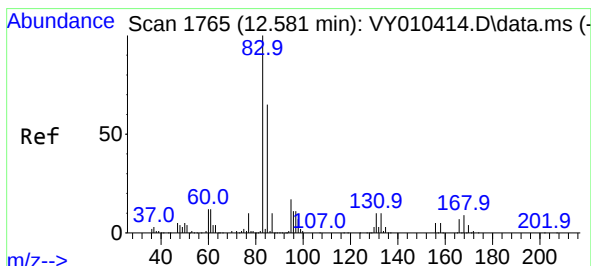
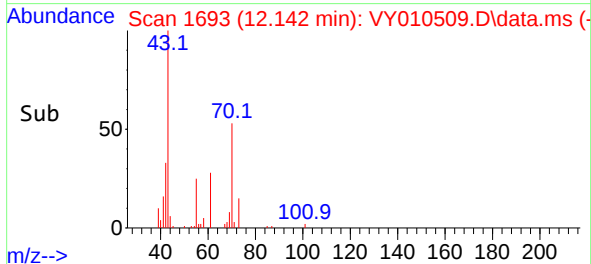
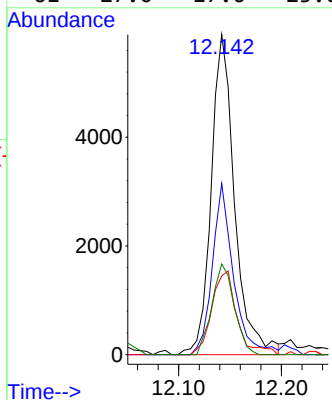
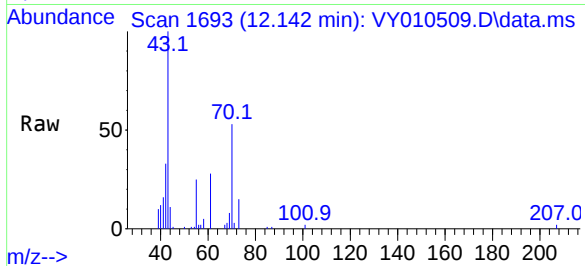




#74
N-amy1 acetate
Concen: 3.400 ug/l
RT: 12.142 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

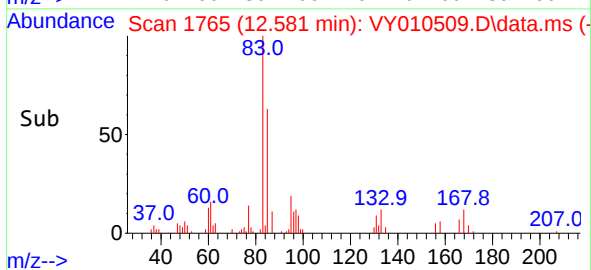
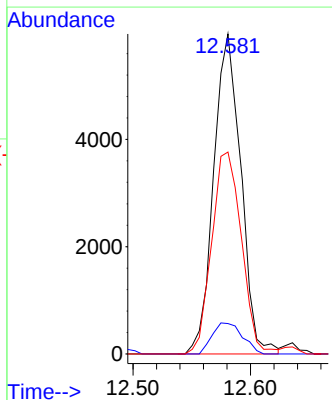
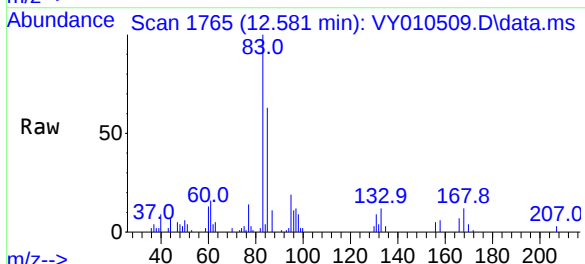
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

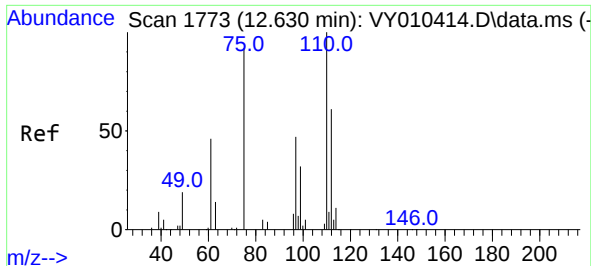
Tgt Ion:	43	Resp:	9314
Ion	Ratio	Lower	Upper
43	100		
70	48.2	28.7	43.1#
55	28.1	17.3	25.9#
61	27.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.378 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	83	Resp:	9614
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	68.8	32.3	96.8

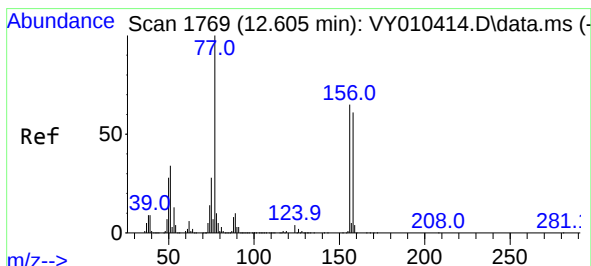
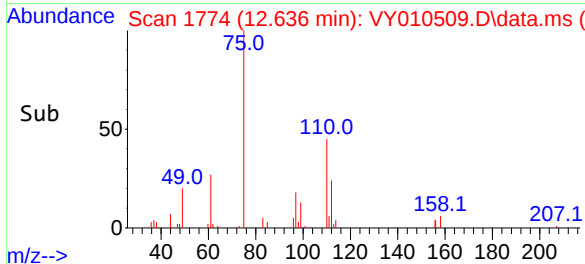
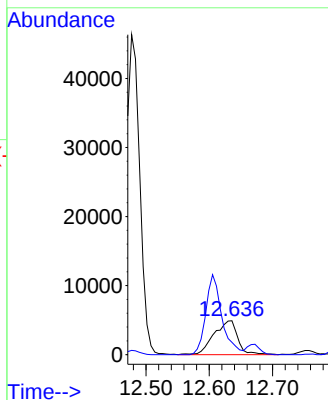
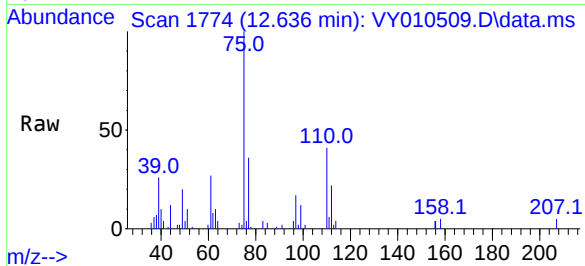




#76
1,2,3-Trichloropropane
Concen: 7.759 ug/l
RT: 12.636 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

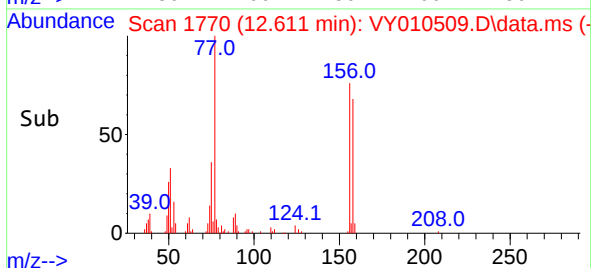
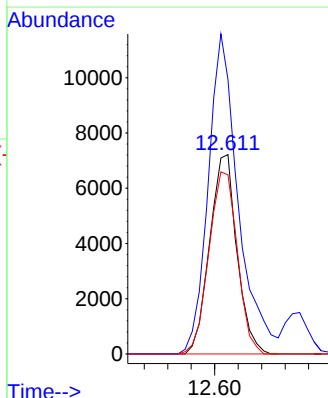
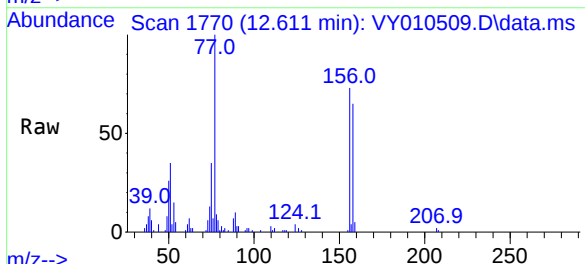
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

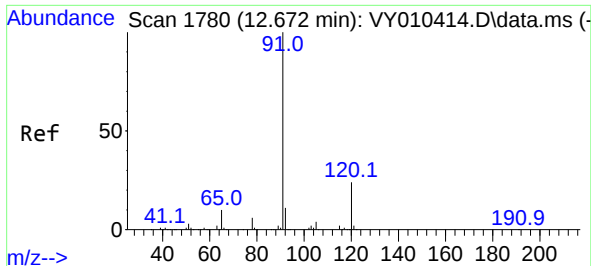
Tgt Ion: 75 Resp: 12885
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.186 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 156 Resp: 11644
Ion Ratio Lower Upper
156 100
77 176.9 95.5 286.4
158 95.1 48.0 144.0

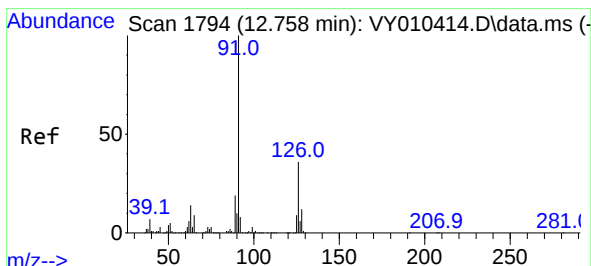
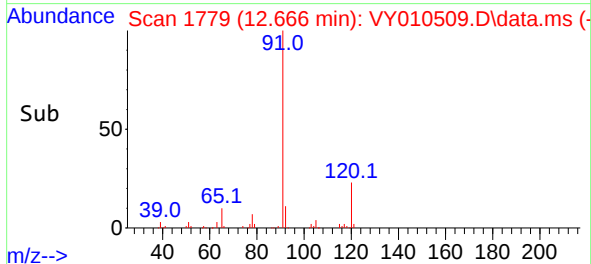
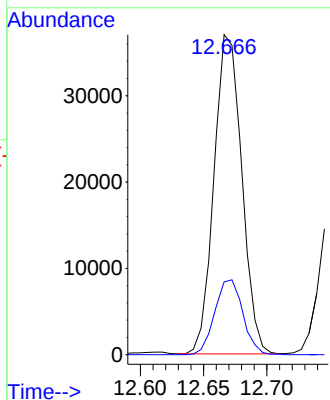
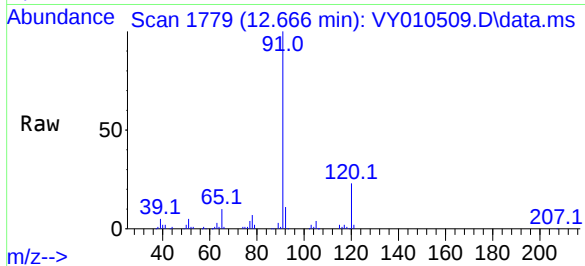




#78
n-propylbenzene
Concen: 4.061 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

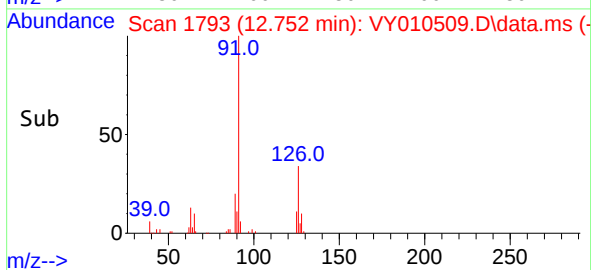
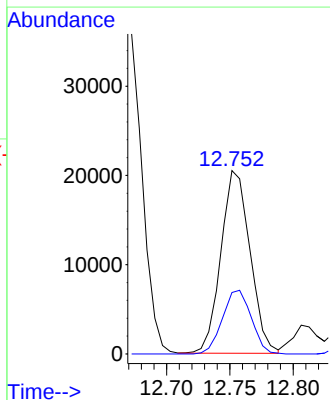
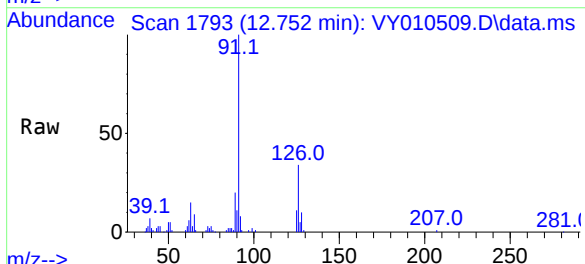
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

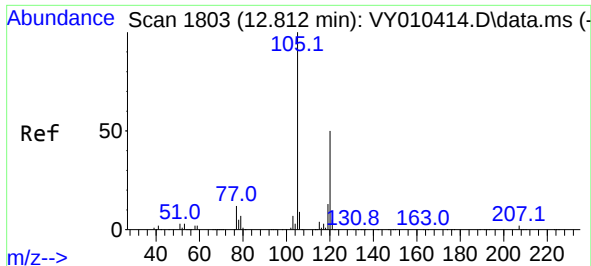
Tgt Ion: 91 Resp: 56453
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9



#79
2-Chlorotoluene
Concen: 4.204 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 91 Resp: 32831
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6

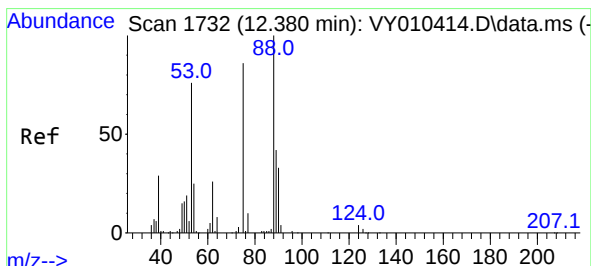
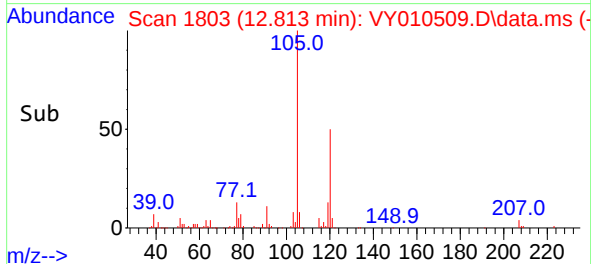
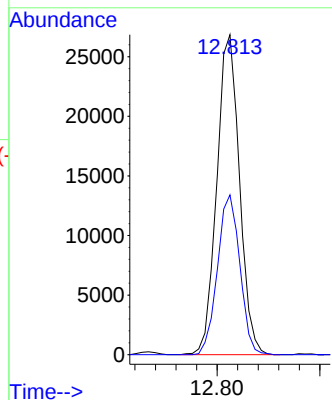
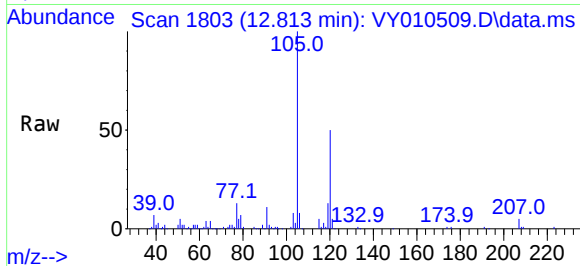




#80
1,3,5-Trimethylbenzene
Concen: 4.143 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

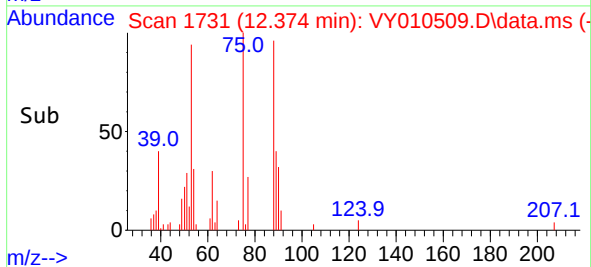
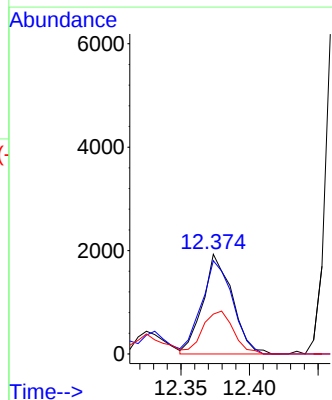
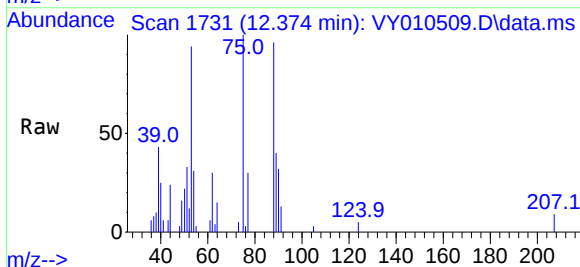
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

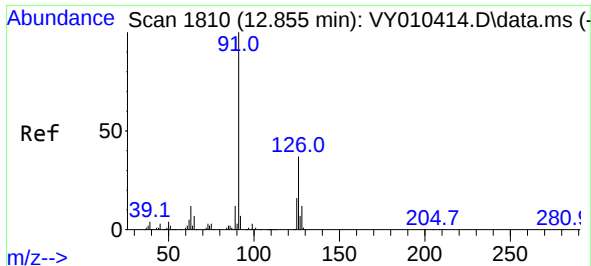
Tgt Ion:105 Resp: 41040
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 3.856 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 75 Resp: 2884
Ion Ratio Lower Upper
75 100
53 98.9 85.3 127.9
89 44.9 37.0 55.4

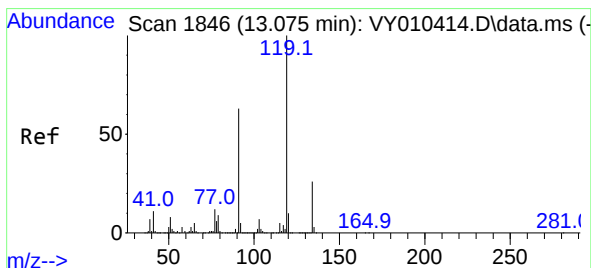
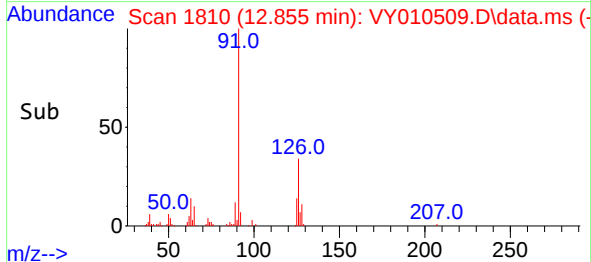
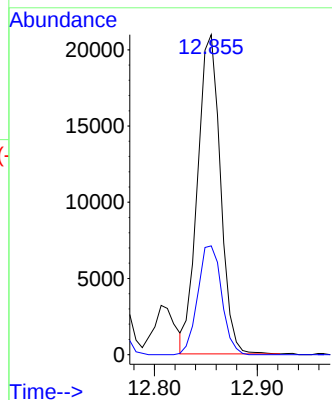
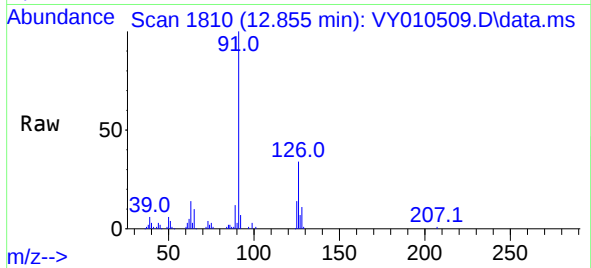




#82
4-Chlorotoluene
Concen: 3.991 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

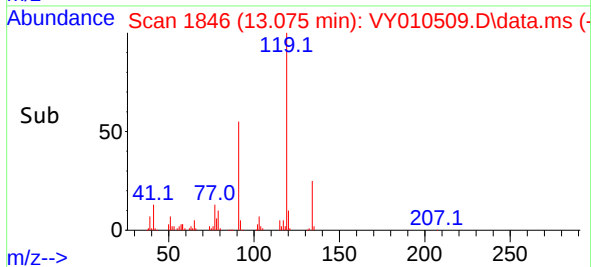
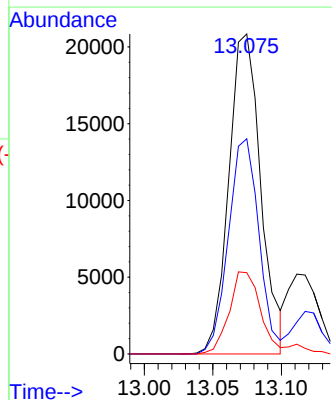
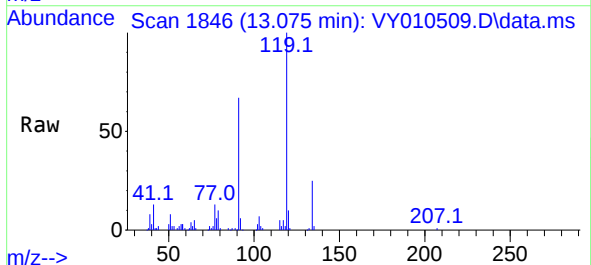
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

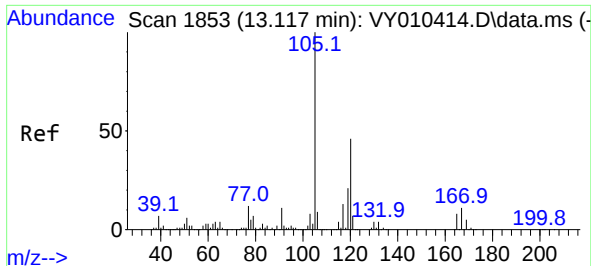
Tgt Ion: 91 Resp: 32422
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0



#83
tert-Butylbenzene
Concen: 3.918 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 119 Resp: 33920
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.4
134 26.8 13.3 39.9

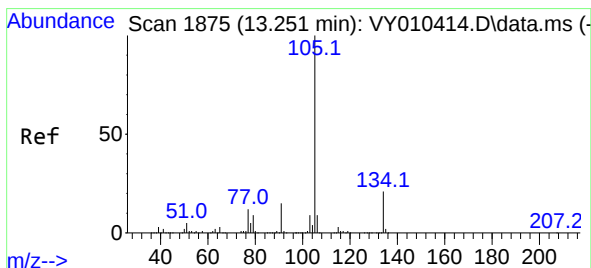
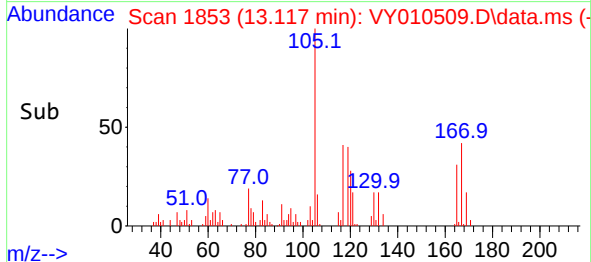
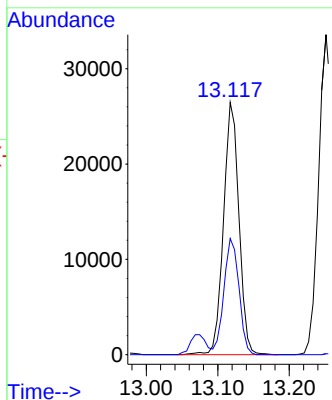
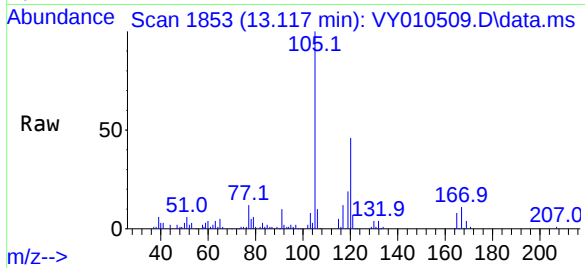




#84
1,2,4-Trimethylbenzene
Concen: 4.096 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

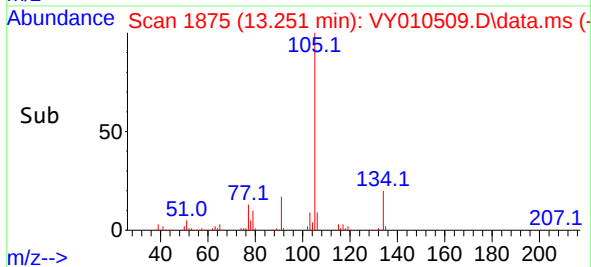
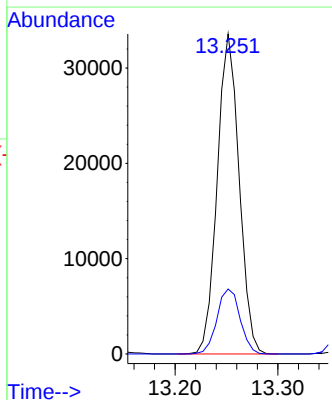
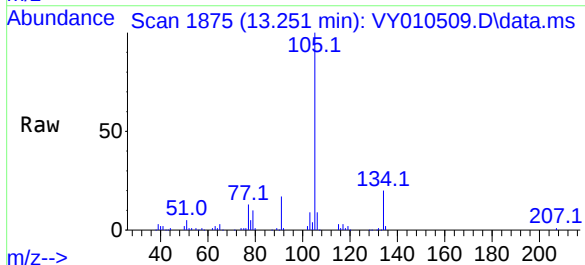
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

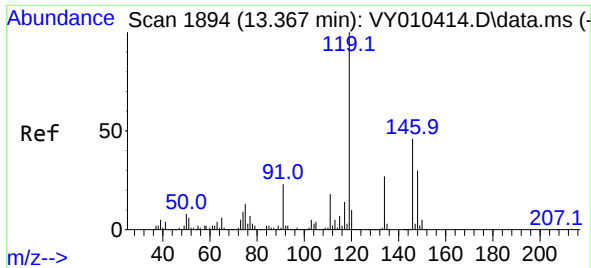
Tgt Ion:105 Resp: 39696
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9



#85
sec-Butylbenzene
Concen: 3.864 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:105 Resp: 49544
Ion Ratio Lower Upper
105 100
134 21.4 10.2 30.4

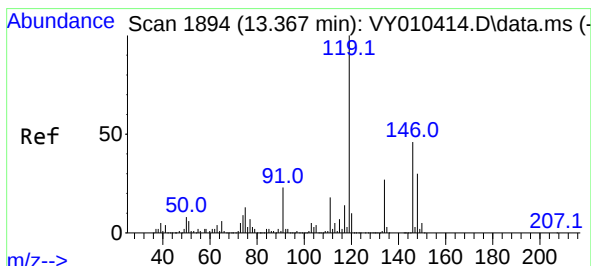
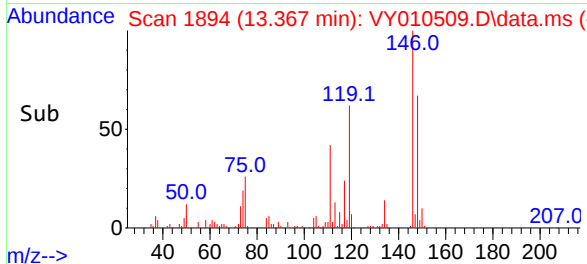
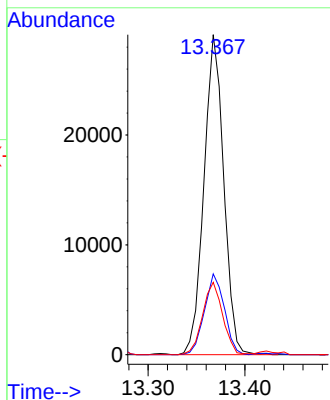
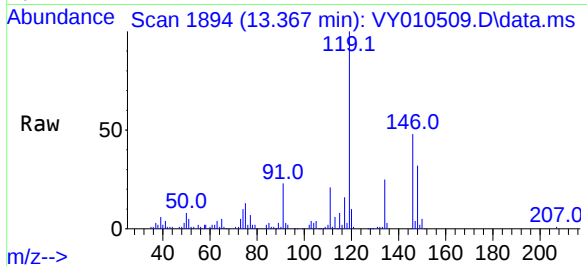




#86
p-Isopropyltoluene
Concen: 3.827 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

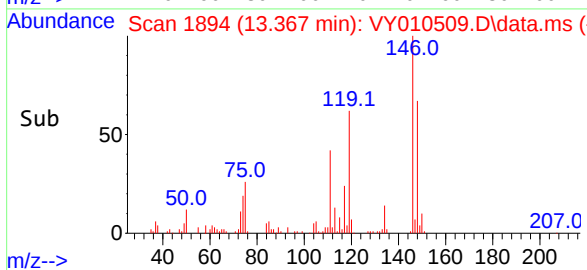
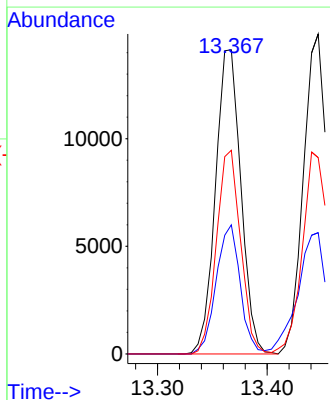
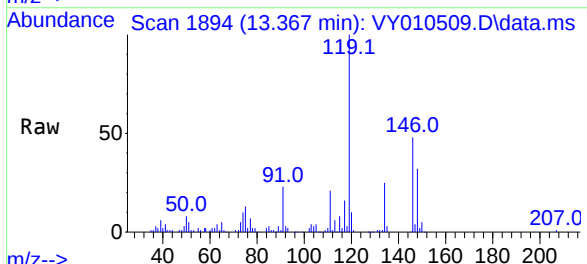
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

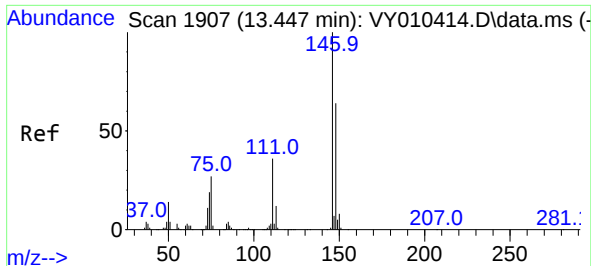
Tgt Ion:	119	Resp:	41500
Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.2	39.5
91	23.0	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 4.082 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	146	Resp:	22804
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	63.8	31.6	95.0

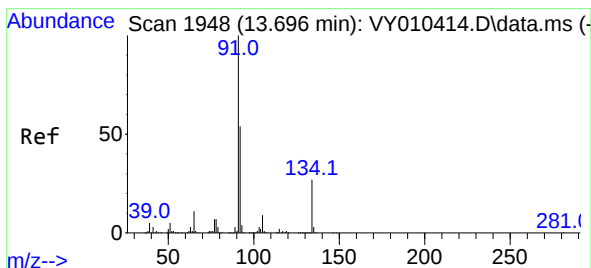
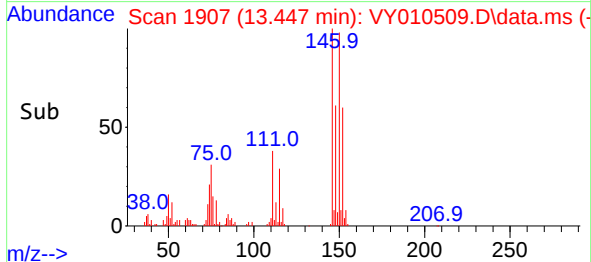
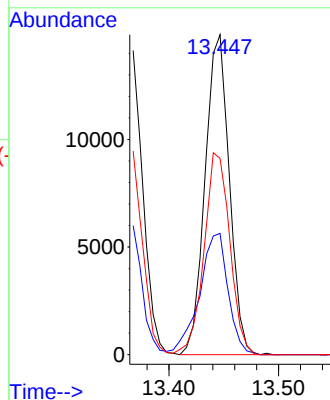
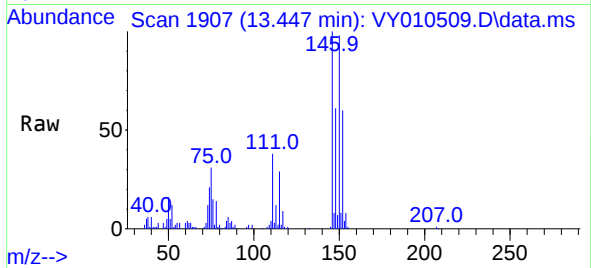




#88
1,4-Dichlorobenzene
Concen: 4.127 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

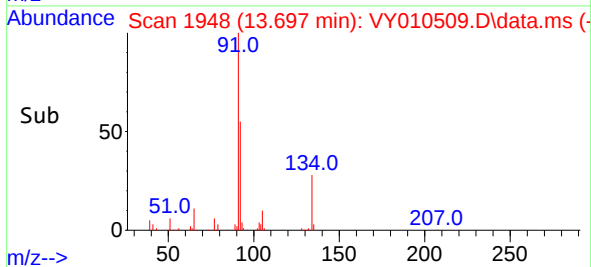
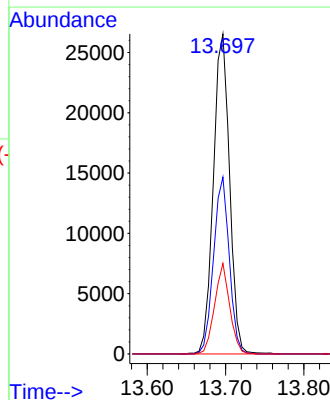
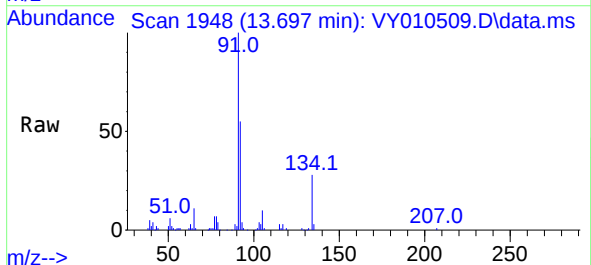
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

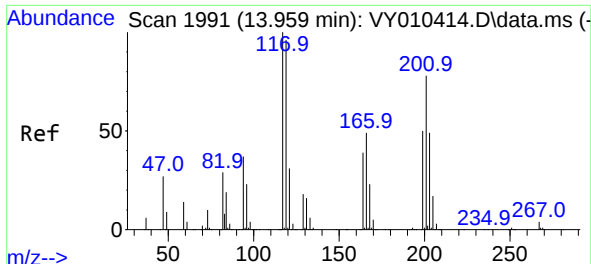
Tgt Ion:	146	Resp:	22829
Ion	Ratio	Lower	Upper
146	100		
111	45.1	19.3	57.8
148	67.2	32.6	97.8



#89
n-Butylbenzene
Concen: 3.875 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:	91	Resp:	38149
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.9
134	26.4	13.0	38.9

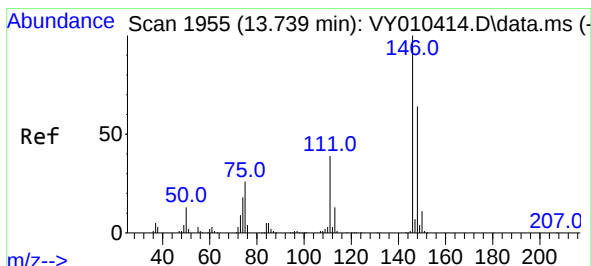
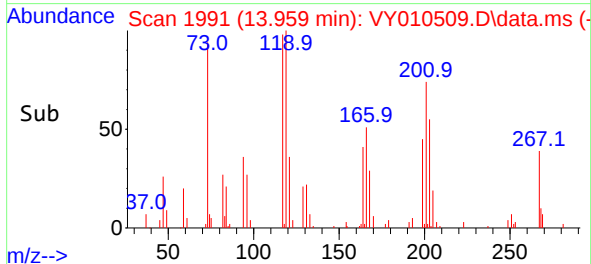
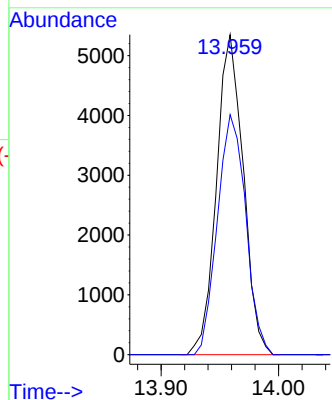
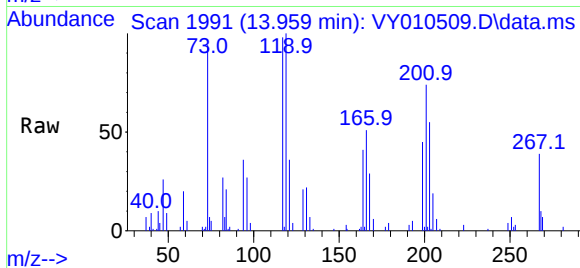




#90
Hexachloroethane
Concen: 4.156 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

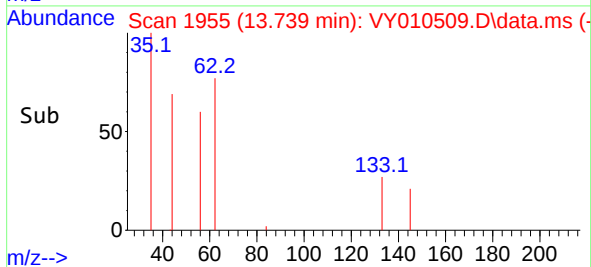
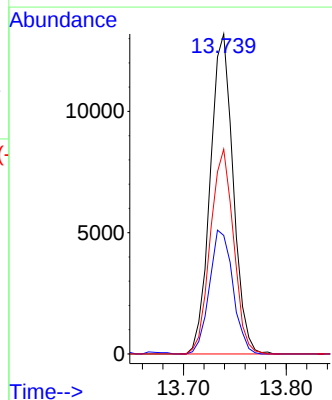
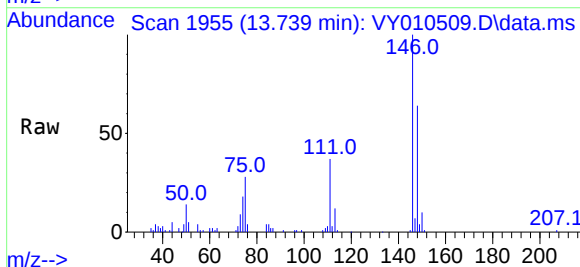
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

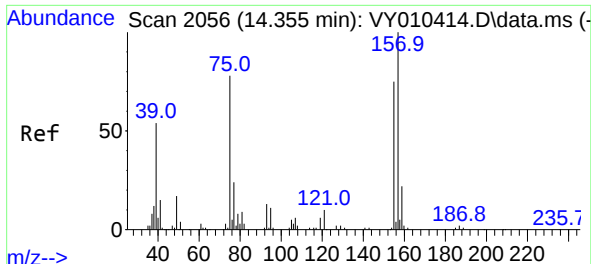
Tgt Ion:117 Resp: 8463
Ion Ratio Lower Upper
117 100
201 79.5 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 4.129 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:146 Resp: 20430
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.8 32.3 96.9

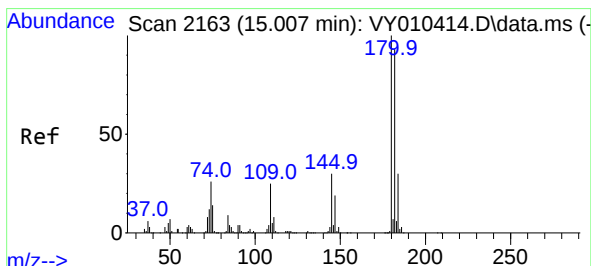
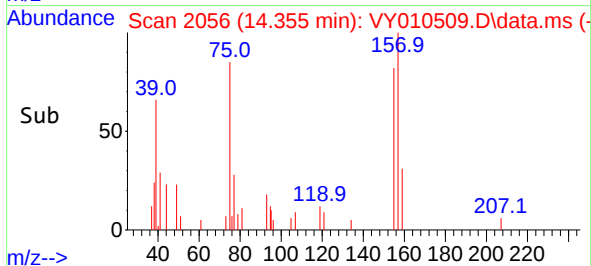
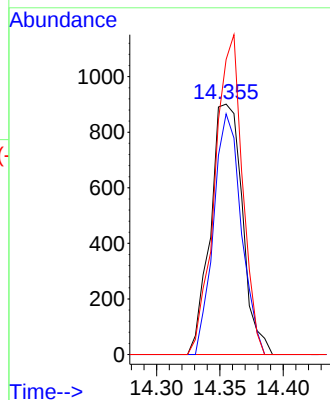
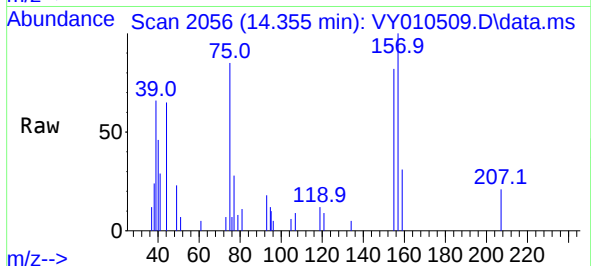




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.270 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

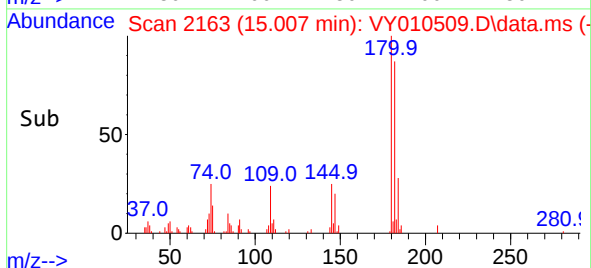
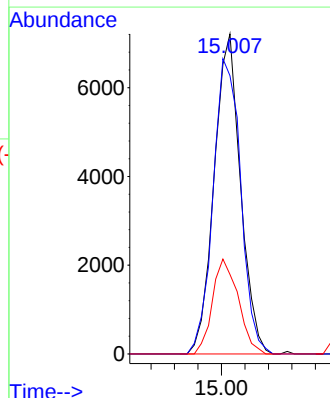
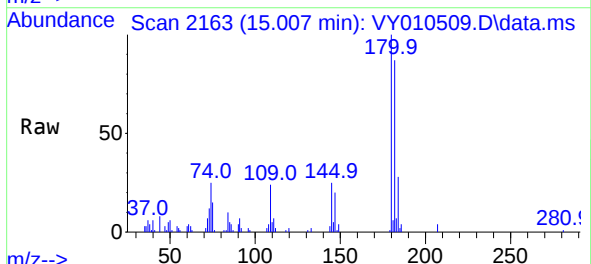
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

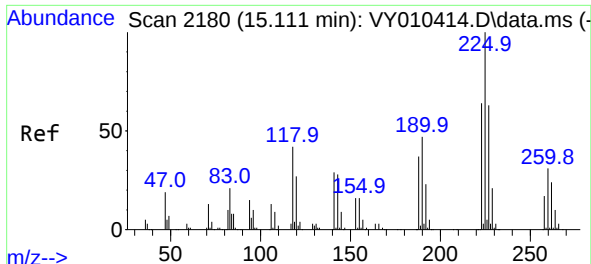
Tgt Ion: 75 Resp: 1583
Ion Ratio Lower Upper
75 100
155 83.2 38.0 113.9
157 110.0 47.8 143.3



#93
1,2,4-Trichlorobenzene
Concen: 3.649 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 180 Resp: 11215
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.9
145 29.1 14.6 43.8

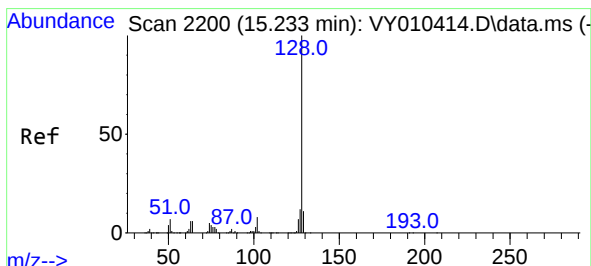
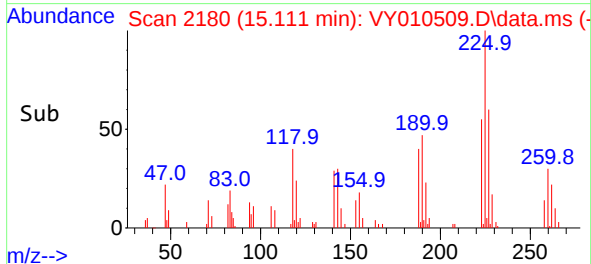
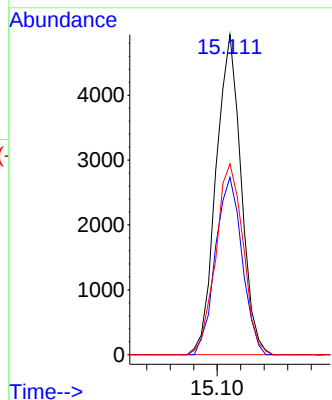
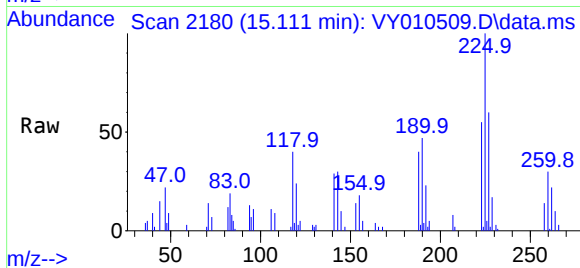




#94
Hexachlorobutadiene
Concen: 3.941 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

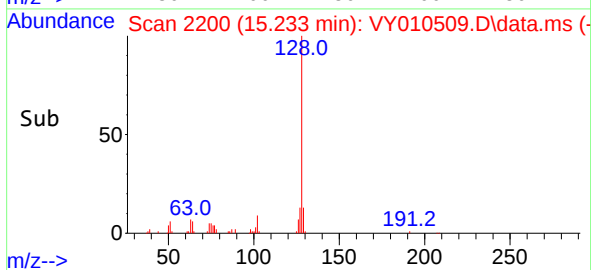
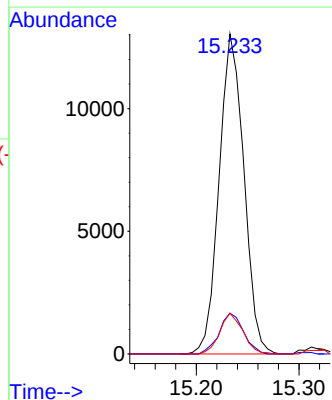
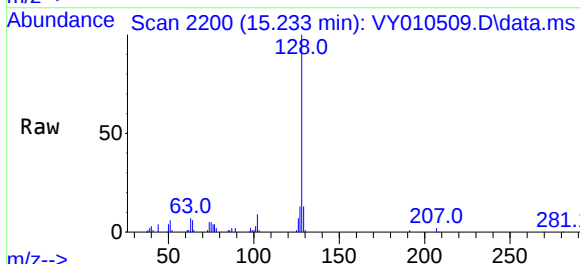
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

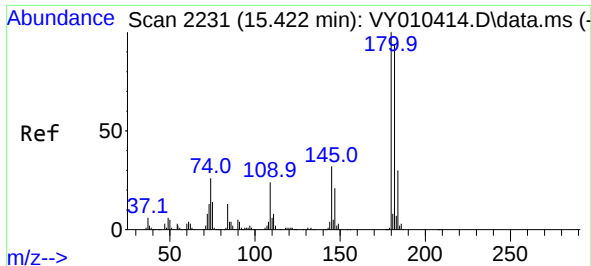
Tgt Ion:	225	Resp:	7308
Ion Ratio	Lower	Upper	
225	100		
223	58.7	30.8	92.3
227	65.1	31.6	94.7



#95
Naphthalene
Concen: 3.599 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

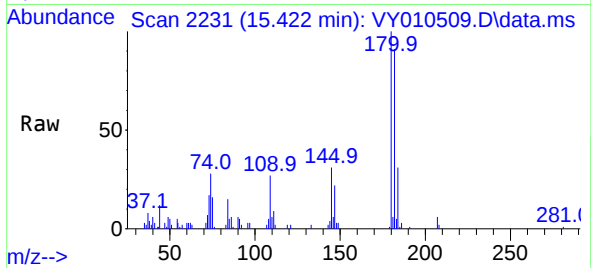
Tgt Ion:	128	Resp:	21813
Ion Ratio	Lower	Upper	
128	100		
127	12.5	11.0	16.4
129	11.9	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 3.739 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:	180	Resp:	10030
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	141.9
145	33.7	15.3	45.9

