

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010508.D
 Acq On : 15 Sep 2022 14:05
 Operator : KP/MD
 Sample : N3980-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 16 04:55:34 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	209295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108200	51.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.660%
35) Dibromofluoromethane	7.710	113	107226	45.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.160%
50) Toluene-d8	10.179	98	383281	49.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.477	95	134738	38.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	6760	4.215	ug/l	99
3) Chloromethane	2.107	50	7051	2.999	ug/l	98
4) Vinyl Chloride	2.247	62	7901	2.724	ug/l	96
5) Bromomethane	2.644	94	6446	3.172	ug/l	92
6) Chloroethane	2.790	64	5431	2.799	ug/l	98
7) Trichlorofluoromethane	3.119	101	10167	2.767	ug/l #	84
8) Diethyl Ether	3.528	74	3418	2.872	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	6157	2.862	ug/l	93
10) Methyl Iodide	4.082	142	6511	2.446	ug/l	91
11) Tert butyl alcohol	4.930	59	6363	22.348	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	5409	2.680	ug/l	81
13) Acrolein	3.723	56	2007	9.980	ug/l	93
14) Allyl chloride	4.473	41	7896	2.717	ug/l #	94
15) Acrylonitrile	5.155	53	7603	13.197	ug/l	98
16) Acetone	3.942	43	8833	18.259	ug/l	92
17) Carbon Disulfide	4.186	76	13711	2.512	ug/l	98
18) Methyl Acetate	4.479	43	5764	3.873	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	14523	2.606	ug/l	93
20) Methylene Chloride	4.710	84	32934	11.155	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	6107	2.665	ug/l	88
22) Diisopropyl ether	6.112	45	16616	2.561	ug/l #	92
23) Vinyl Acetate	6.058	43	42293	10.636	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	11003	2.801	ug/l #	96
25) 2-Butanone	6.984	43	12457	16.203	ug/l	93
26) 2,2-Dichloropropane	6.978	77	13728	3.662	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	7124	2.674	ug/l	91
28) Bromochloromethane	7.326	49	4014	3.187	ug/l #	85
29) Tetrahydrofuran	7.350	42	6403	13.345	ug/l #	83
30) Chloroform	7.509	83	11786	2.828	ug/l	97
31) Cyclohexane	7.783	56	12887	3.619	ug/l #	50
32) 1,1,1-Trichloroethane	7.698	97	10537	2.793	ug/l	97
36) 1,1-Dichloropropene	7.917	75	8757	2.689	ug/l	97
37) Ethyl Acetate	7.076	43	4146	2.422	ug/l #	87
38) Carbon Tetrachloride	7.899	117	9708	2.680	ug/l	99
39) Methylcyclohexane	9.179	83	10002	2.464	ug/l	87
40) Benzene	8.155	78	25618	2.733	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2179	2.227	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	7614	2.732	ug/l	94
43) Isopropyl Acetate	8.271	43	7392	2.360	ug/l #	95
44) Trichloroethene	8.935	130	7066	2.561	ug/l	84
45) 1,2-Dichloropropane	9.216	63	6046	2.645	ug/l #	83
46) Dibromomethane	9.301	93	3843	2.788	ug/l	93
47) Bromodichloromethane	9.496	83	8525	2.603	ug/l	94
48) Methyl methacrylate	9.289	41	3352	2.383	ug/l #	84
49) 1,4-Dioxane	9.295	88	979	53.647	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	20590	11.983	ug/l	92
52) Toluene	10.240	92	16820	2.742	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	8217	2.438	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	9610	2.528	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	5126	2.614	ug/l	92
56) Ethyl methacrylate	10.508	69	5572	2.164	ug/l	88
57) 1,3-Dichloropropane	10.788	76	8480	2.601	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	15286	17.448	ug/l	92
59) 2-Hexanone	10.831	43	12876	10.993	ug/l	88
60) Dibromochloromethane	10.977	129	5856	2.444	ug/l	95
61) 1,2-Dibromoethane	11.087	107	5061	2.659	ug/l	96
64) Tetrachloroethene	10.715	164	7362	2.724	ug/l	94
65) Chlorobenzene	11.514	112	17295	2.579	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	6436	2.591	ug/l	96
67) Ethyl Benzene	11.587	91	29557	2.490	ug/l	99
68) m/p-Xylenes	11.703	106	22664	4.864	ug/l	94
69) o-Xylene	12.026	106	10729	2.411	ug/l	95
70) Styrene	12.044	104	16860	2.239	ug/l	96
71) Bromoform	12.209	173	3842	2.474	ug/l #	93
73) Isopropylbenzene	12.325	105	28410	2.416	ug/l	99
74) N-amyl acetate	12.142	43	5793	2.112	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	5976	2.717	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	7826	4.706	ug/l #	100
77) Bromobenzene	12.605	156	7134	2.561	ug/l	93
78) n-propylbenzene	12.666	91	33850	2.431	ug/l	97
79) 2-Chlorotoluene	12.752	91	20169	2.579	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	26212	2.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	69518	92.813	ug/l #	7
82) 4-Chlorotoluene	12.855	91	20488	2.518	ug/l	98
83) tert-Butylbenzene	13.075	119	20794	2.398	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	24705	2.545	ug/l	98
85) sec-Butylbenzene	13.251	105	31207	2.431	ug/l	97
86) p-Isopropyltoluene	13.367	119	25455	2.344	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	13861	2.478	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	14494	2.616	ug/l	89
89) n-Butylbenzene	13.696	91	23908	2.425	ug/l	100
90) Hexachloroethane	13.959	117	5185	2.543	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	12619	2.547	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1058	2.850	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	6869	2.232	ug/l	93
94) Hexachlorobutadiene	15.111	225	4769	2.568	ug/l	99
95) Naphthalene	15.233	128	13664	2.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	6005	2.235	ug/l	97

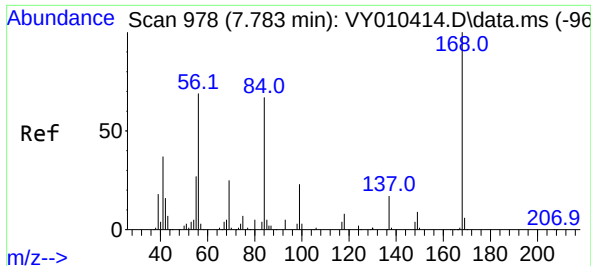
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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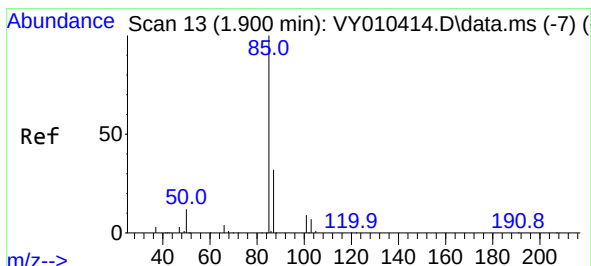
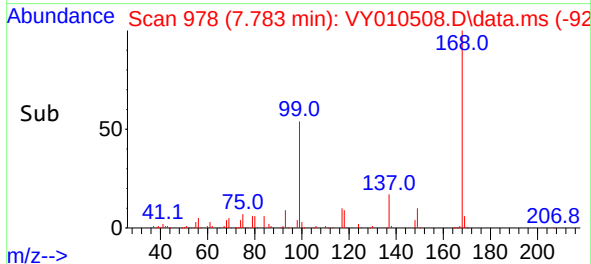
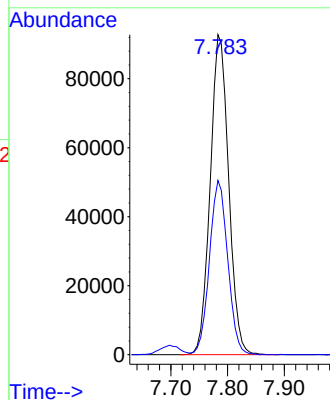
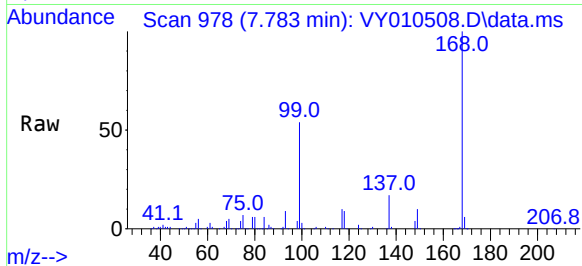
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010508.D
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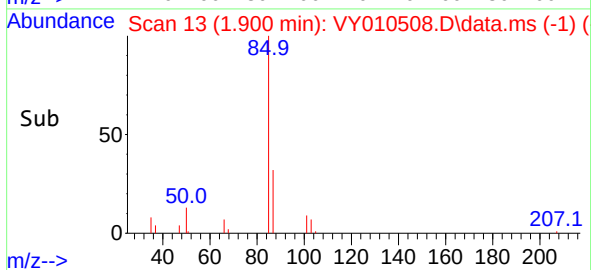
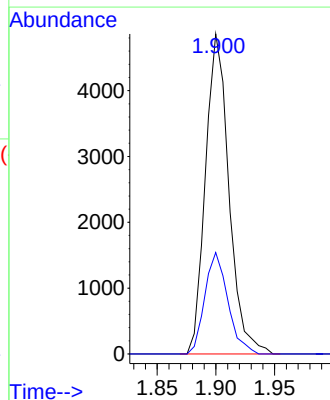
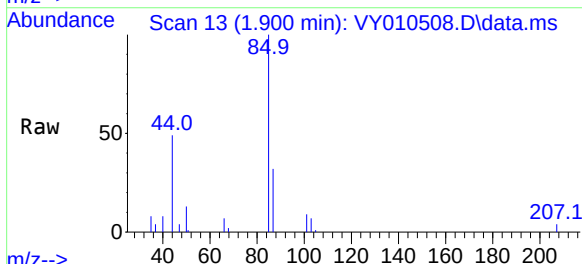
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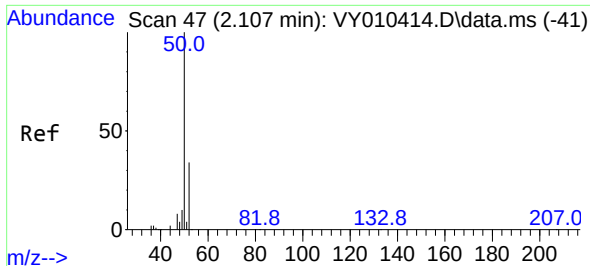
Tgt Ion:168 Resp: 209295
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.215 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 85 Resp: 6760
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

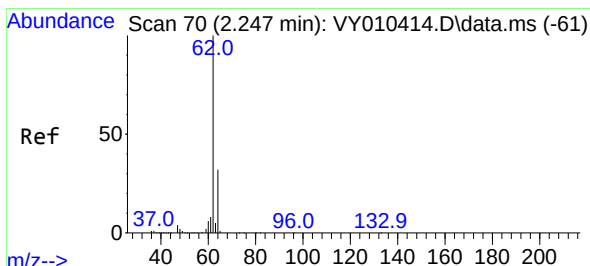
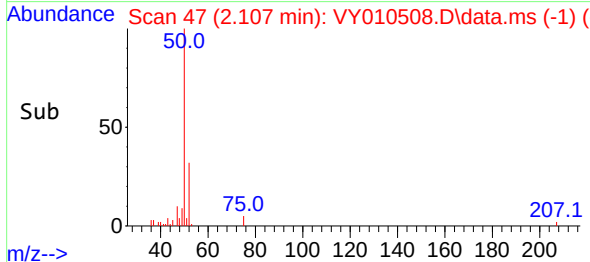
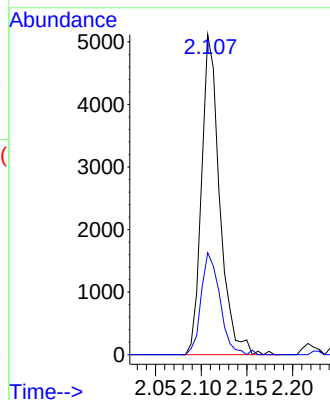
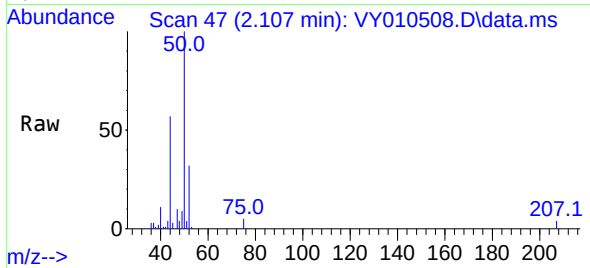




#3
Chloromethane
Concen: 2.999 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

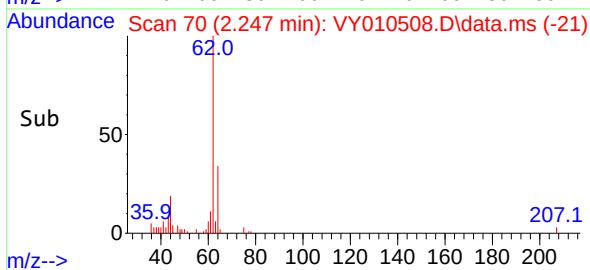
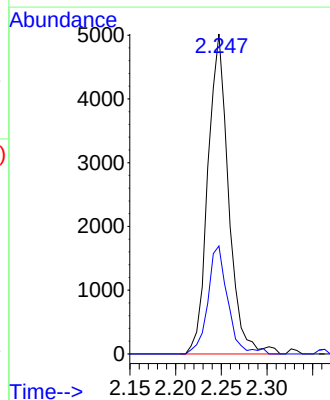
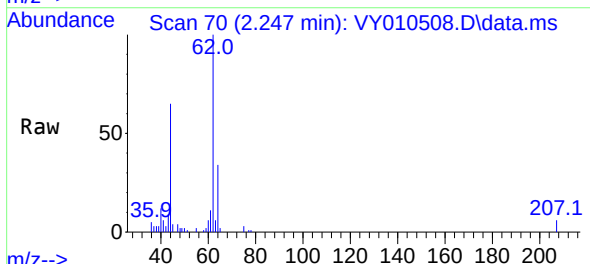
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ClientSampleId :
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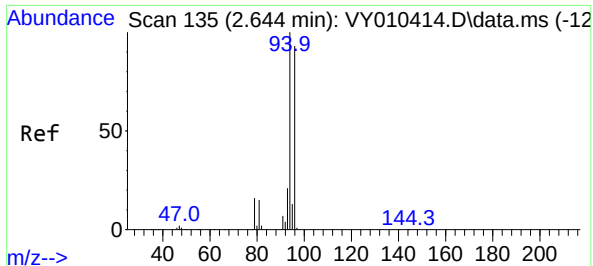
Tgt Ion: 50 Resp: 7051
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0



#4
Vinyl Chloride
Concen: 2.724 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 62 Resp: 7901
Ion Ratio Lower Upper
62 100
64 33.8 25.0 37.6

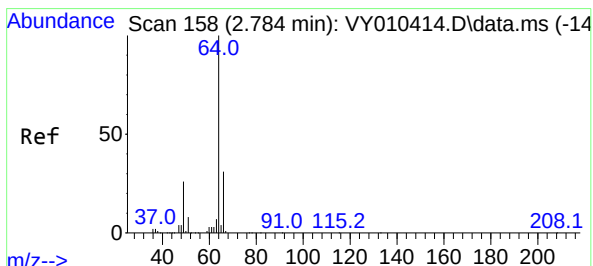
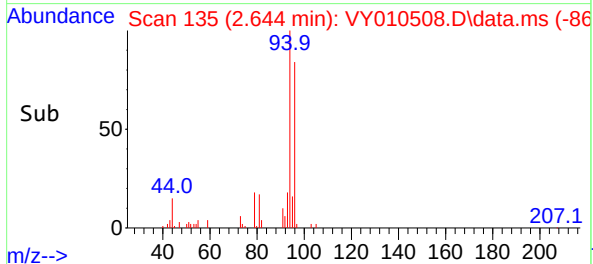
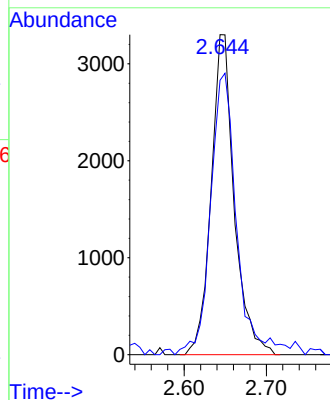
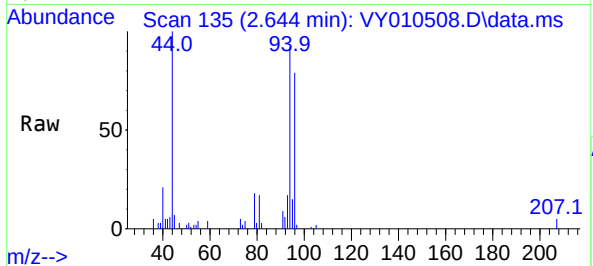




#5
Bromomethane
Concen: 3.172 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

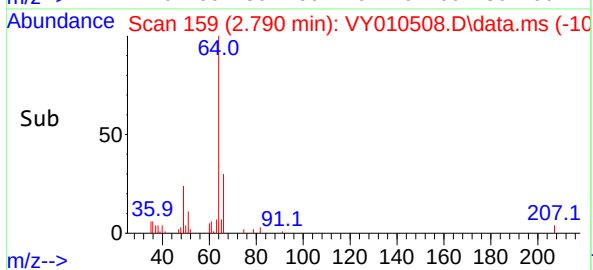
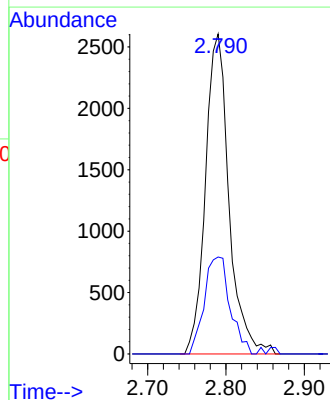
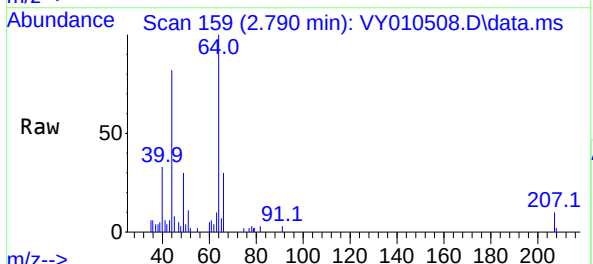
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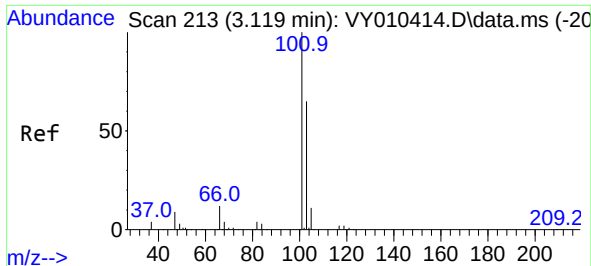
Tgt Ion: 94 Resp: 6446
Ion Ratio Lower Upper
94 100
96 84.1 73.5 110.3



#6
Chloroethane
Concen: 2.799 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 64 Resp: 5431
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.0

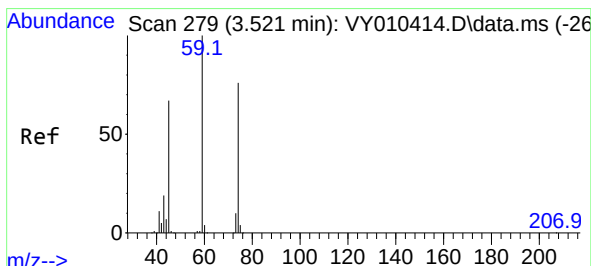
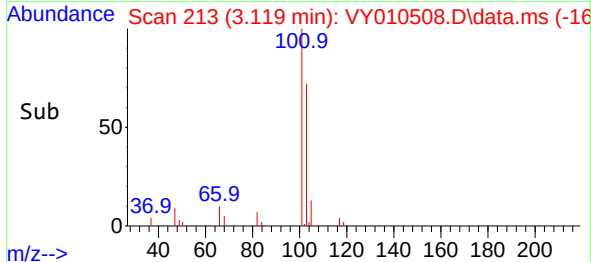
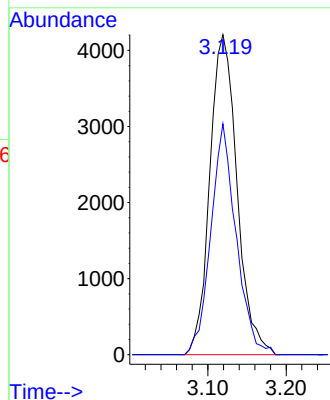
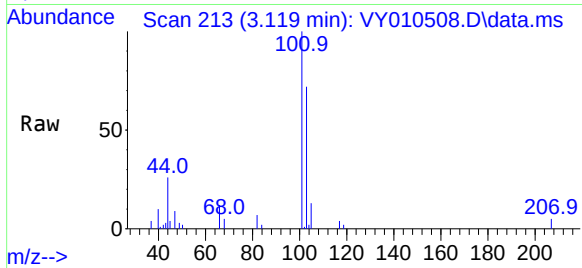




#7
Trichlorofluoromethane
Concen: 2.767 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

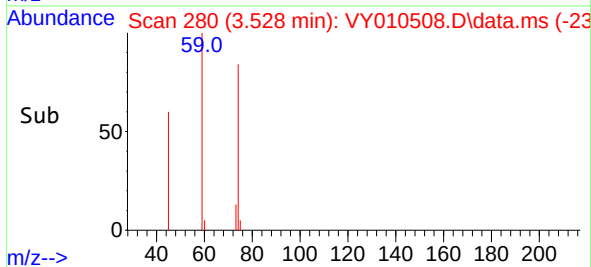
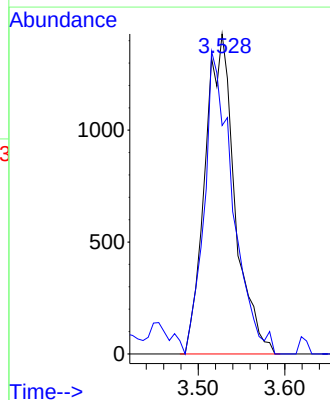
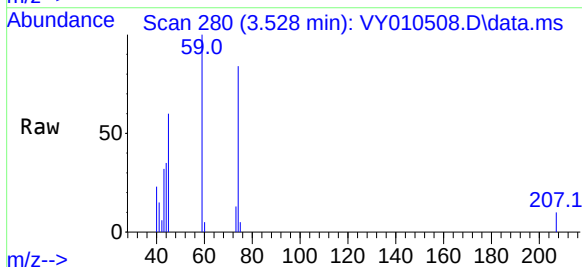
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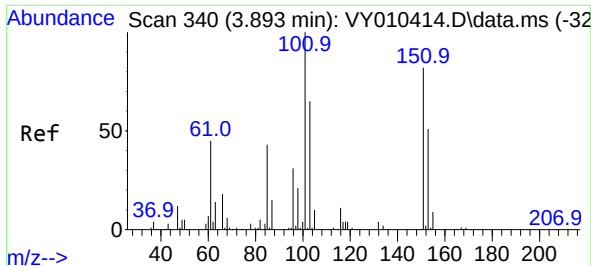
Tgt Ion:101 Resp: 10167
Ion Ratio Lower Upper
101 100
103 72.1 48.0 72.0#



#8
Diethyl Ether
Concen: 2.872 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 74 Resp: 3418
Ion Ratio Lower Upper
74 100
45 90.6 55.1 165.5



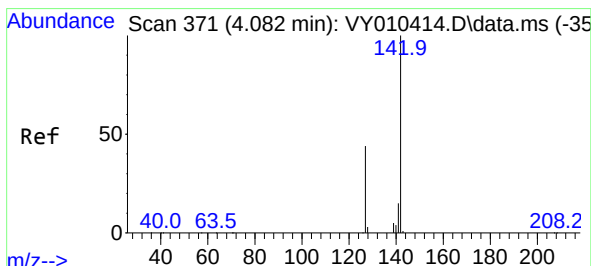
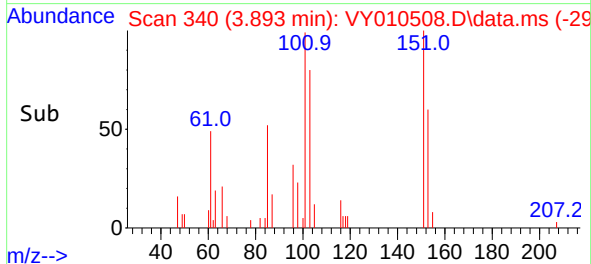
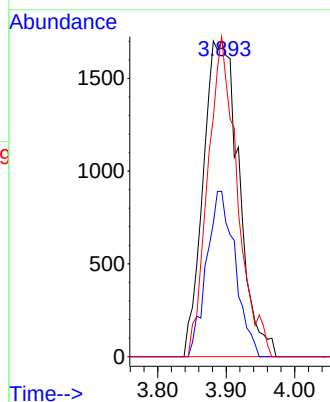
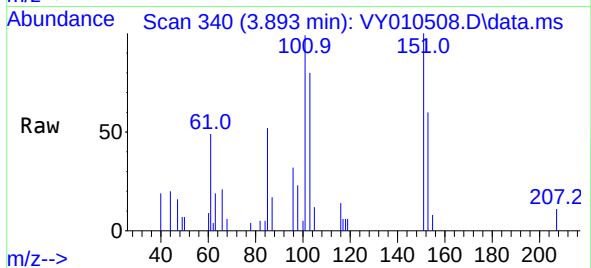


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.862 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 6157

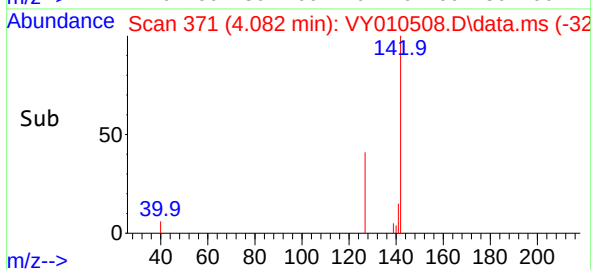
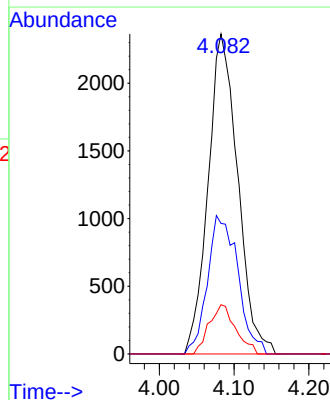
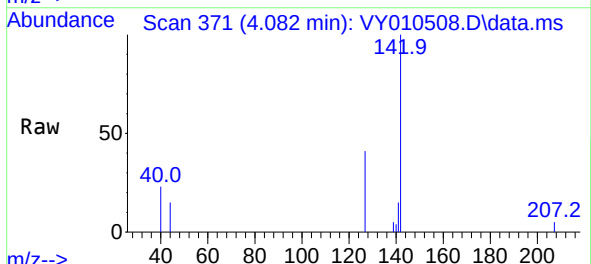
Ion	Ratio	Lower	Upper
101	100		
85	41.8	40.6	60.8
151	83.6	64.9	97.3

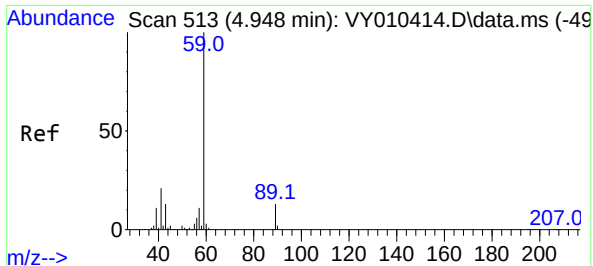


#10
Methyl Iodide
Concen: 2.446 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:142 Resp: 6511

Ion	Ratio	Lower	Upper
142	100		
127	44.4	41.5	62.3
141	13.8	11.9	17.9





#11

Tert butyl alcohol

Concen: 22.348 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

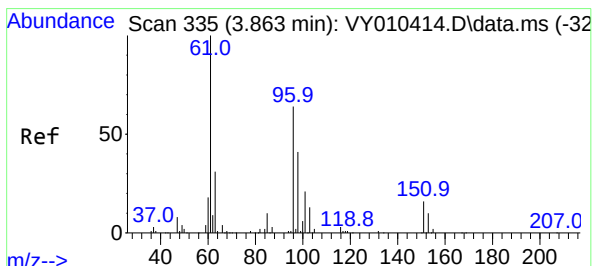
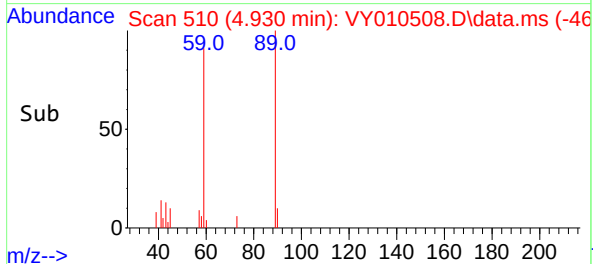
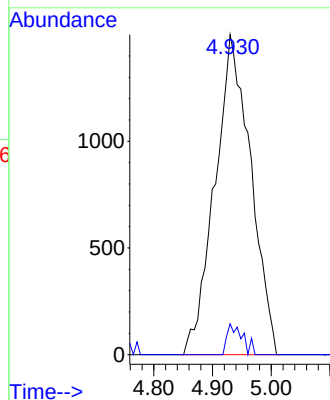
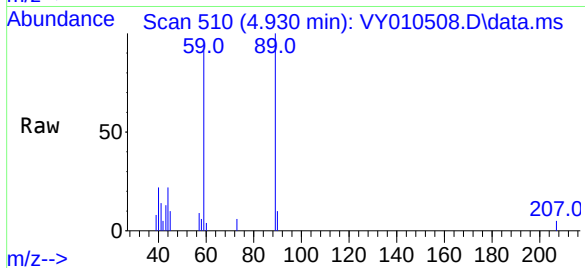
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 59 Resp: 6363

Ion Ratio Lower Upper

59 100

57 4.1 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 2.680 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

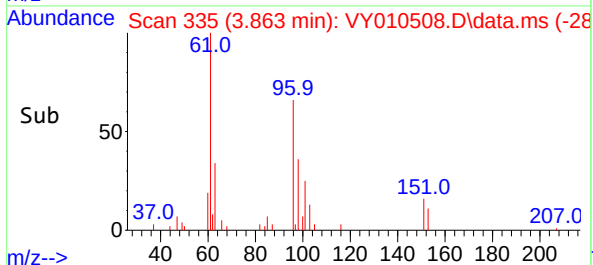
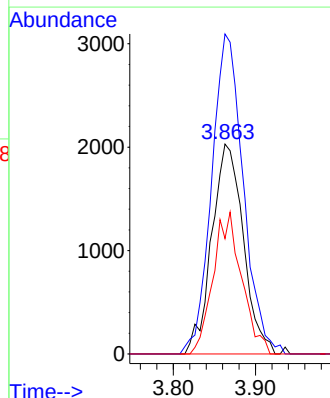
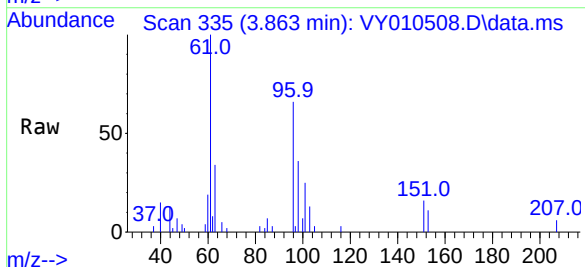
Tgt Ion: 96 Resp: 5409

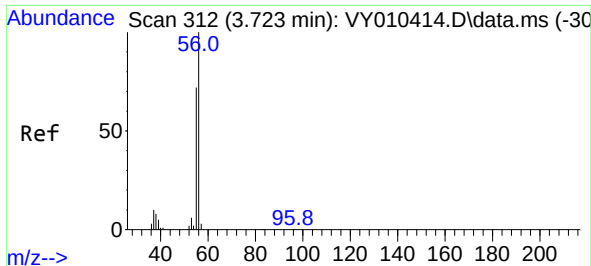
Ion Ratio Lower Upper

96 100

61 152.5 145.8 218.6

98 55.0 52.5 78.7

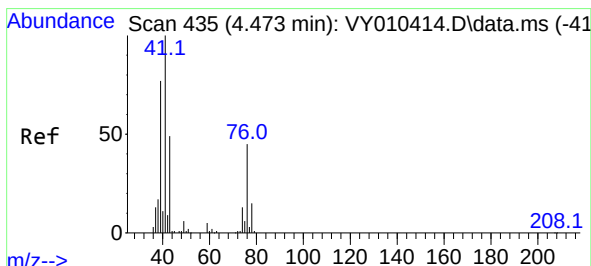
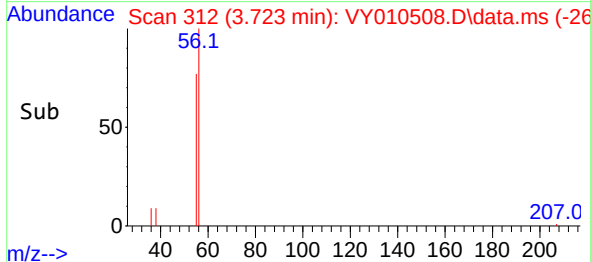
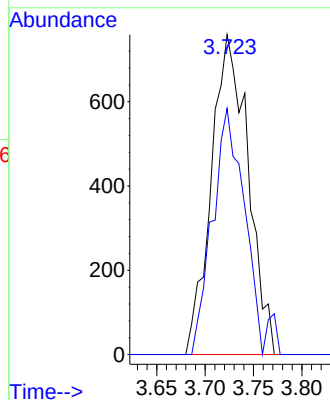
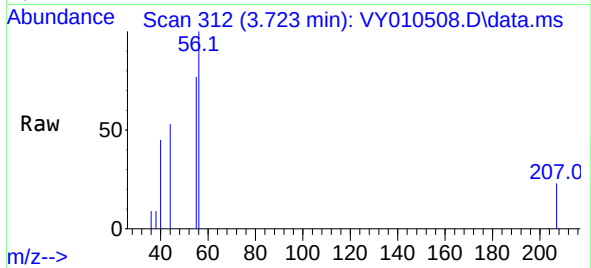




#13
Acrolein
Concen: 9.980 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

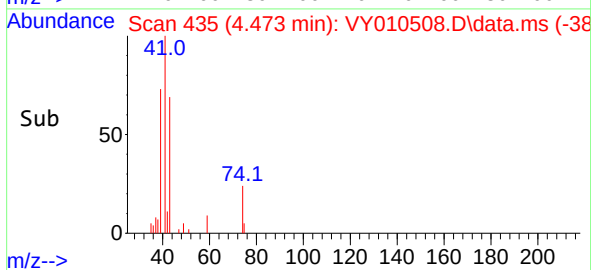
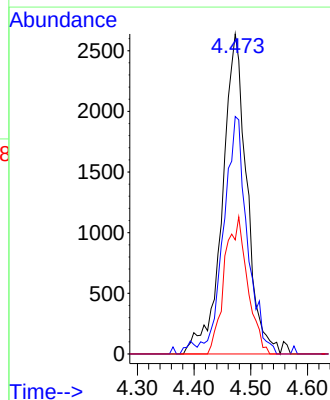
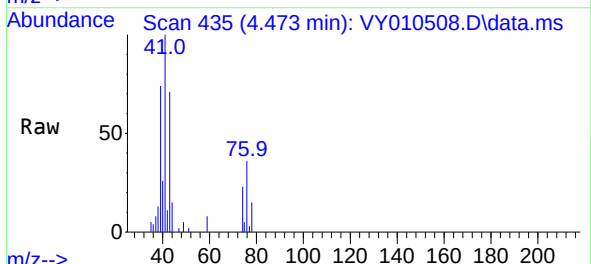
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

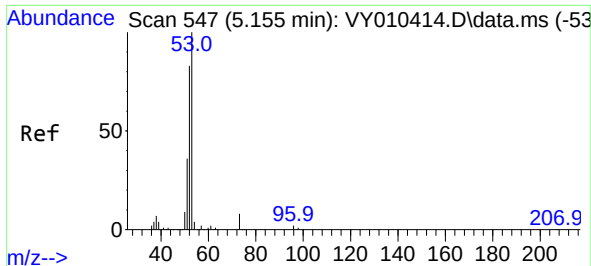
Tgt Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
55 65.9 57.6 86.4



#14
Allyl chloride
Concen: 2.717 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 41 Resp: 7896
Ion Ratio Lower Upper
41 100
39 71.7 58.8 88.2
76 40.3 25.1 37.7#

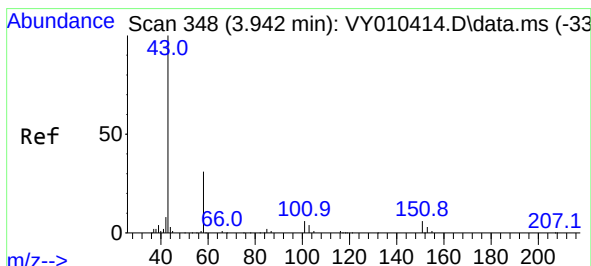
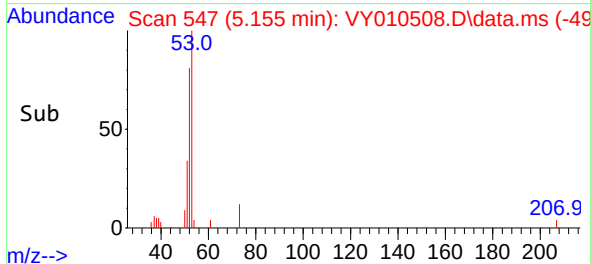
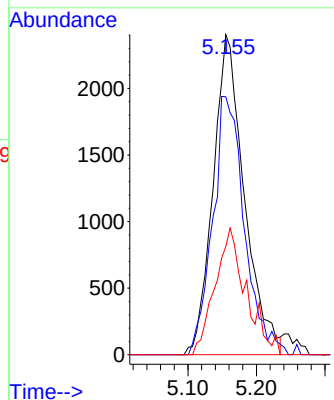
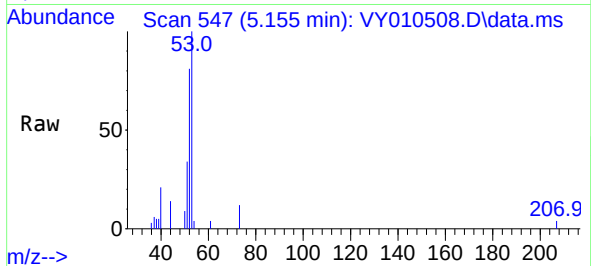




#15
Acrylonitrile
Concen: 13.197 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

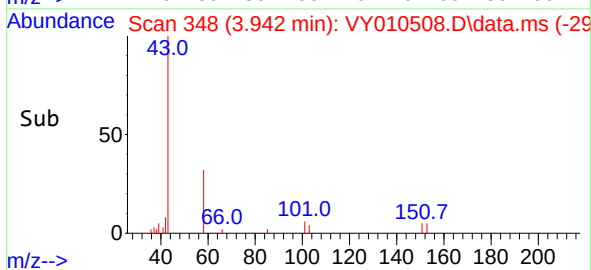
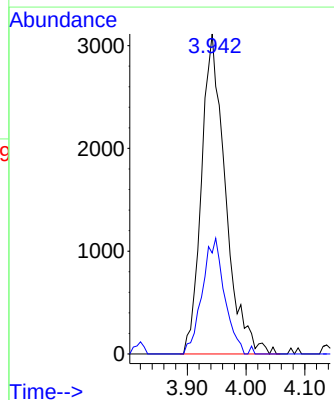
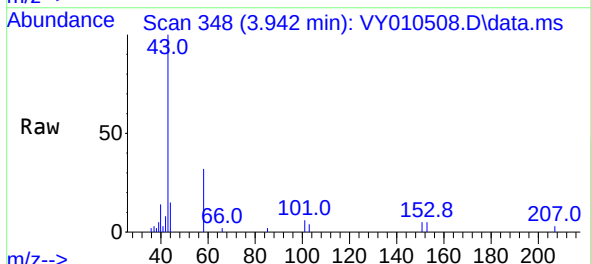
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

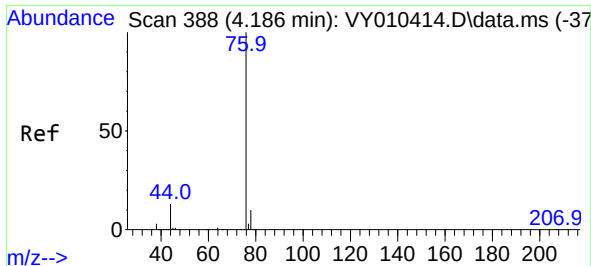
Tgt Ion:	53	Resp:	7603
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.0	100.4
51	39.5	29.8	44.6



#16
Acetone
Concen: 18.259 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	43	Resp:	8833
Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.0	33.0

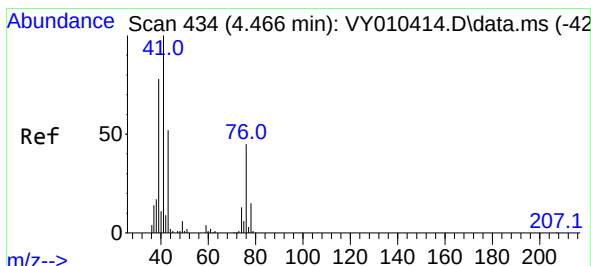
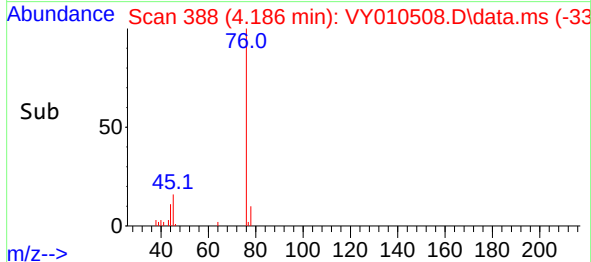
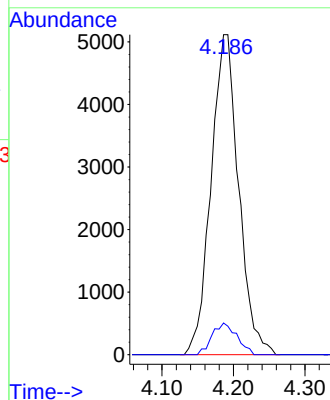
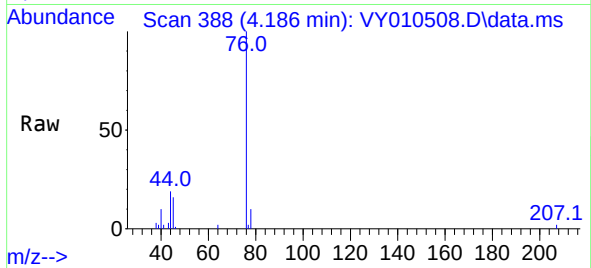




#17
Carbon Disulfide
Concen: 2.512 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

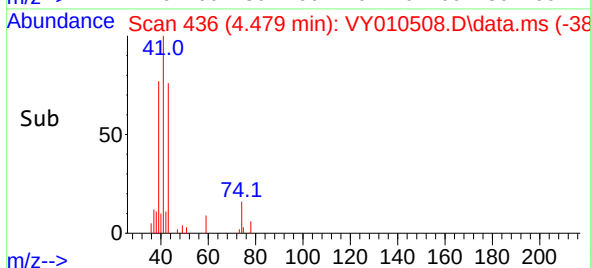
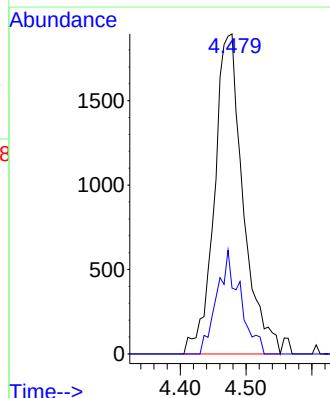
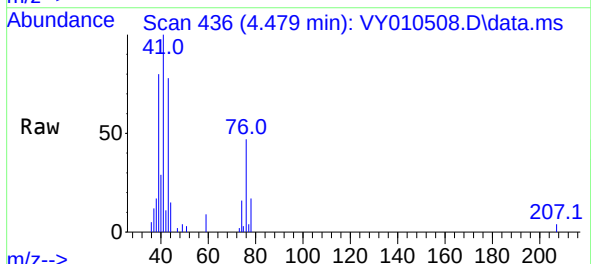
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

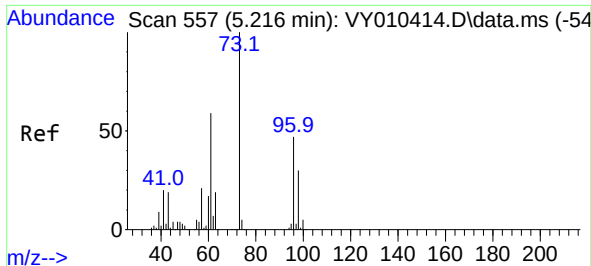
Tgt Ion: 76 Resp: 13711
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 3.873 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#

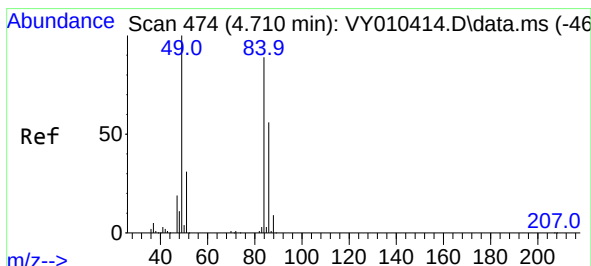
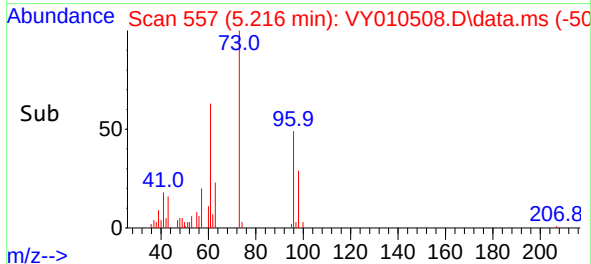
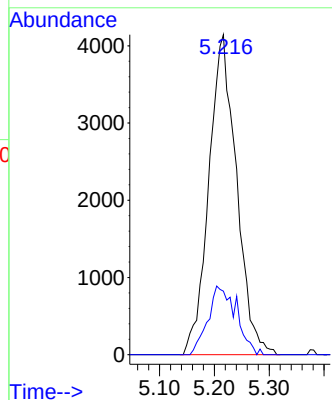
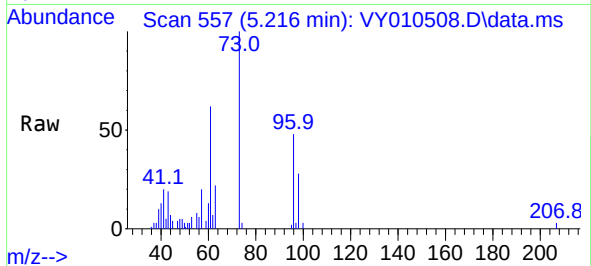




#19
Methyl tert-butyl Ether
Concen: 2.606 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

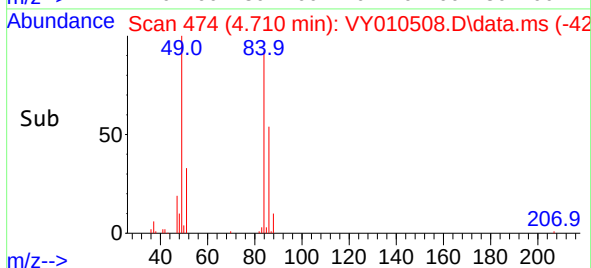
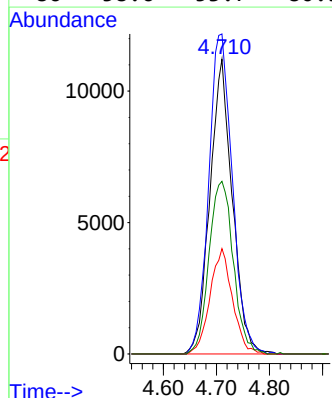
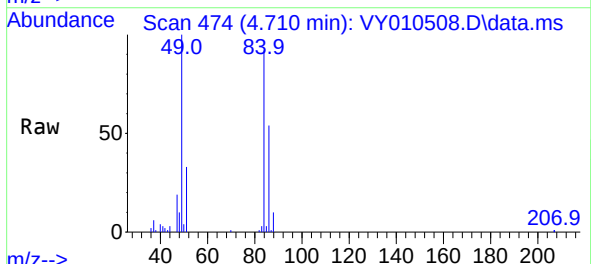
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

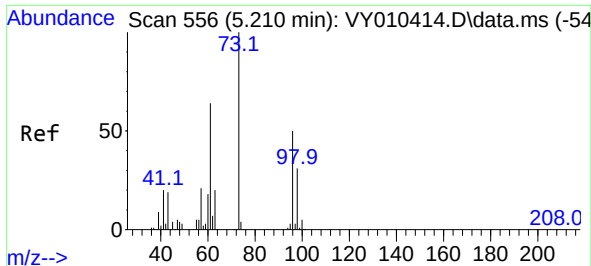
Tgt Ion: 73 Resp: 14523
Ion Ratio Lower Upper
73 100
57 19.9 18.6 27.8



#20
Methylene Chloride
Concen: 11.155 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 84 Resp: 32934
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 35.7 35.3 52.9
86 58.6 53.7 80.5

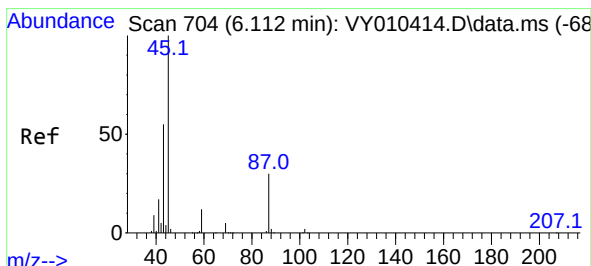
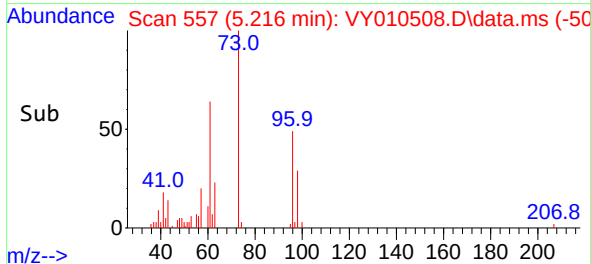
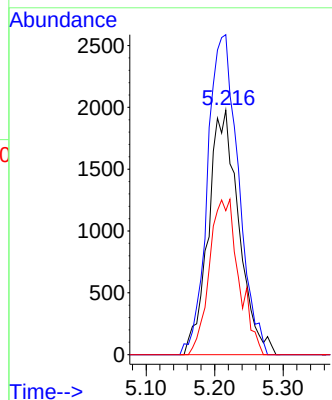
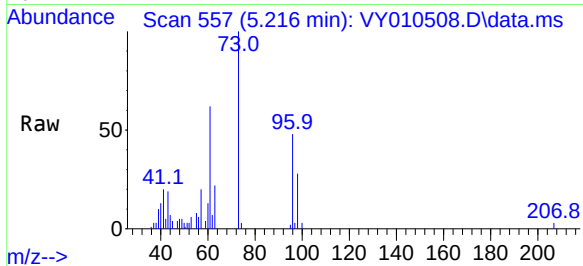




#21
trans-1,2-Dichloroethene
Concen: 2.665 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

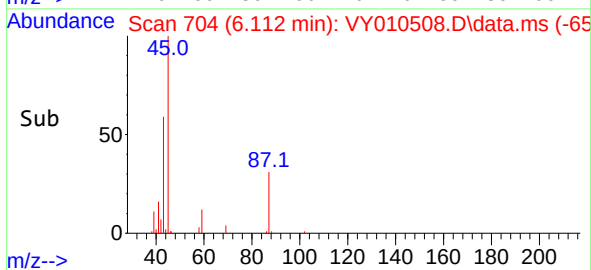
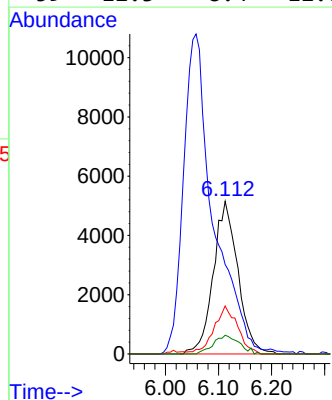
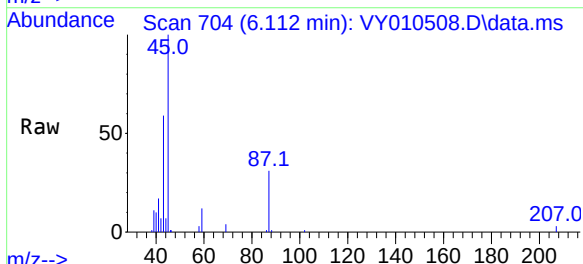
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

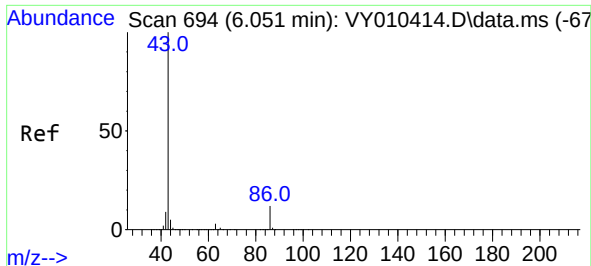
Tgt Ion: 96 Resp: 6107
Ion Ratio Lower Upper
96 100
61 130.9 120.5 180.7
98 58.9 49.8 74.8



#22
Diisopropyl ether
Concen: 2.561 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 45 Resp: 16616
Ion Ratio Lower Upper
45 100
43 56.8 49.3 73.9
87 31.4 19.2 28.8#
59 12.3 8.4 12.6

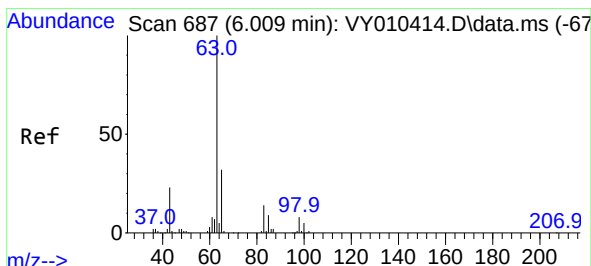
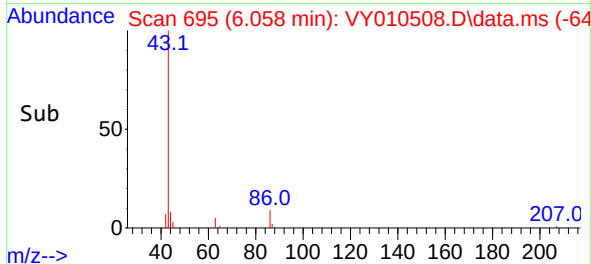
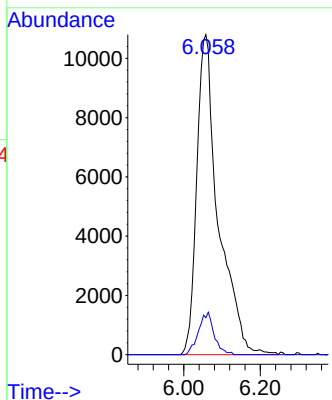
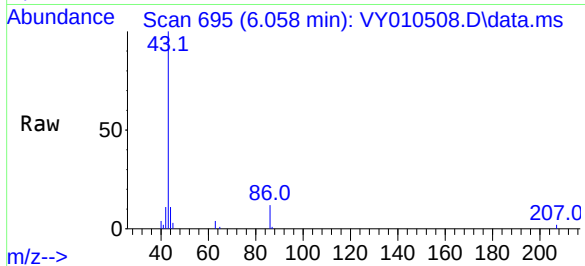




#23
 Vinyl Acetate
 Concen: 10.636 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY010508.D
 Acq: 15 Sep 2022 14:05

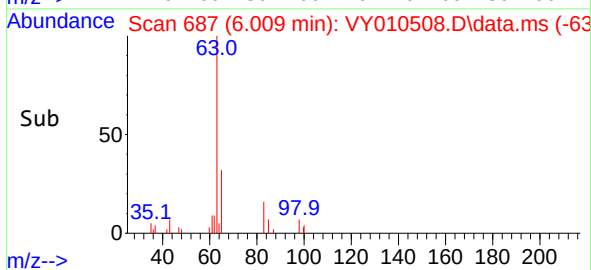
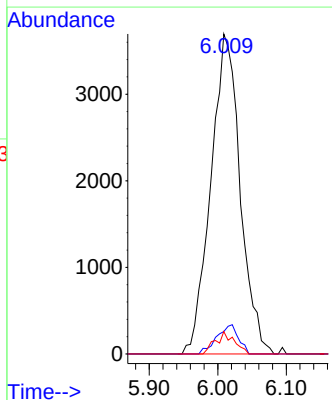
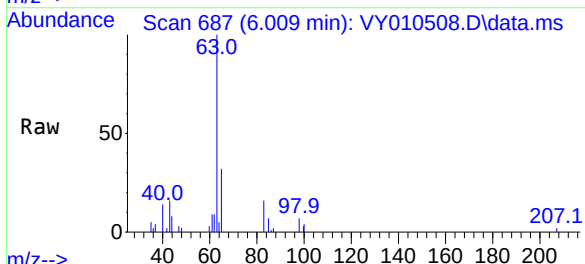
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

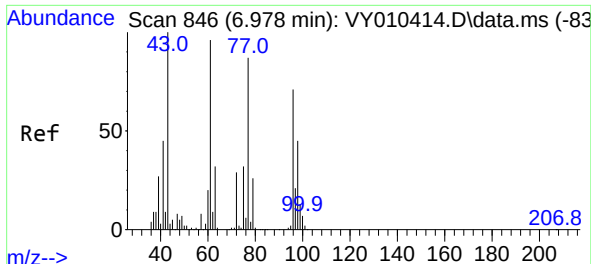
Tgt Ion: 43 Resp: 42293
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 2.801 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010508.D
 Acq: 15 Sep 2022 14:05

Tgt Ion: 63 Resp: 11003
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 7.0 2.0 5.8#





#25

2-Butanone

Concen: 16.203 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

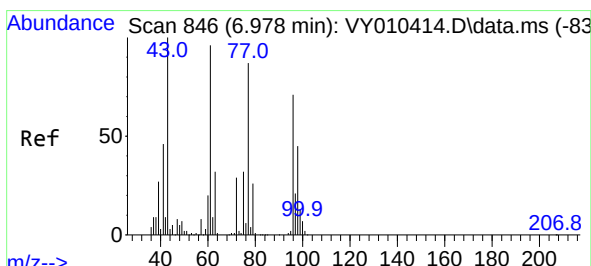
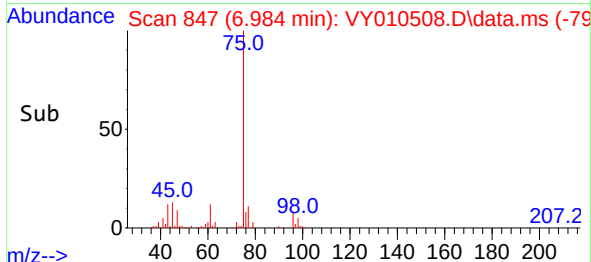
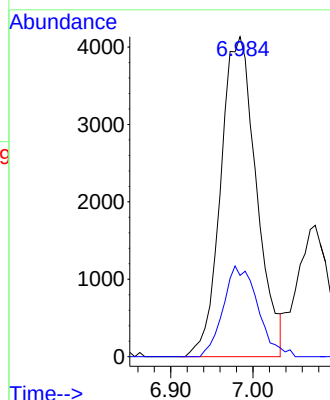
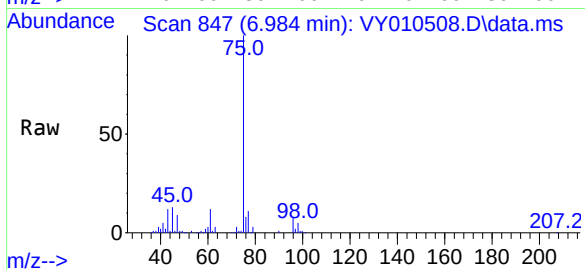
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 12457

Ion Ratio Lower Upper

43 100

72 25.4 17.7 26.5



#26

2,2-Dichloropropane

Concen: 3.662 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010508.D

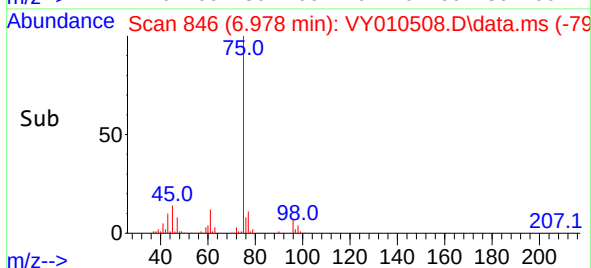
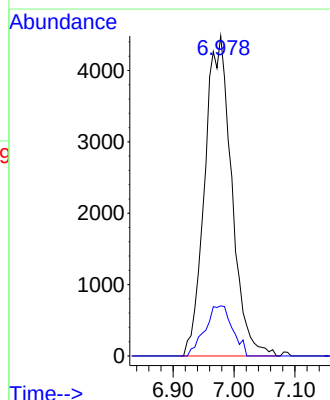
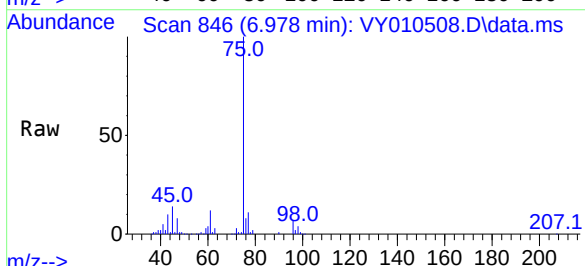
Acq: 15 Sep 2022 14:05

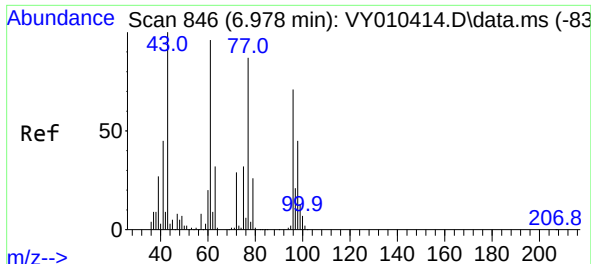
Tgt Ion: 77 Resp: 13728

Ion Ratio Lower Upper

77 100

97 16.0 10.4 31.4

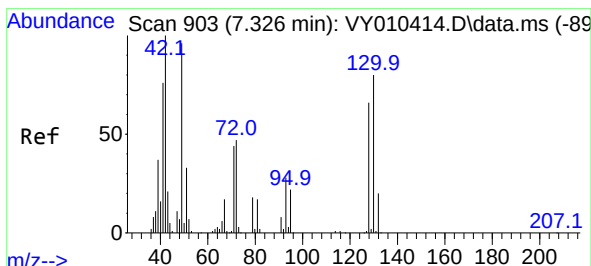
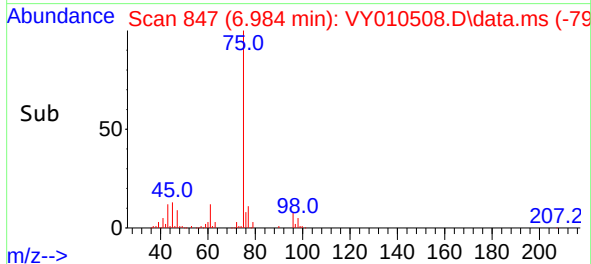
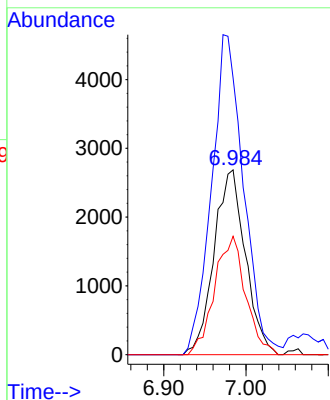
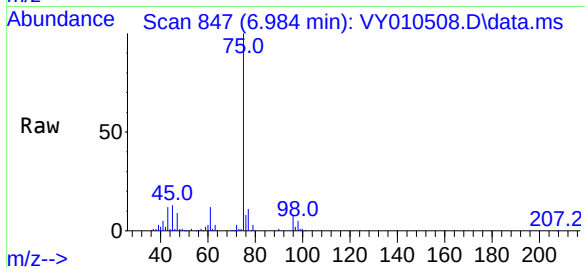




#27
cis-1,2-Dichloroethene
Concen: 2.674 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

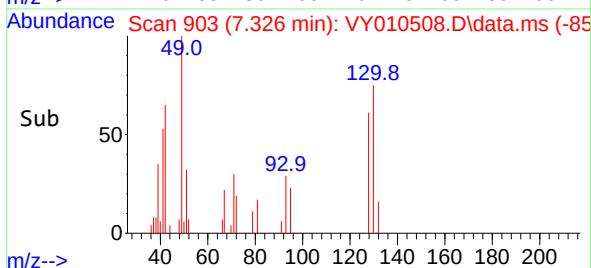
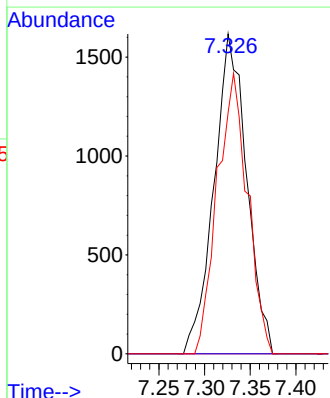
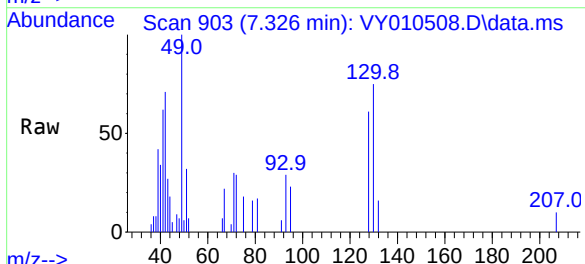
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

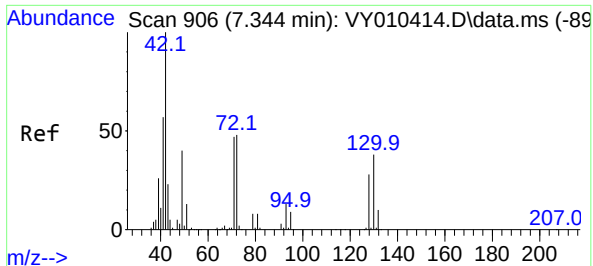
Tgt Ion: 96 Resp: 7124
Ion Ratio Lower Upper
96 100
61 176.4 0.0 319.8
98 63.5 0.0 127.0



#28
Bromochloromethane
Concen: 3.187 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 49 Resp: 4014
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 81.3 55.4 83.0

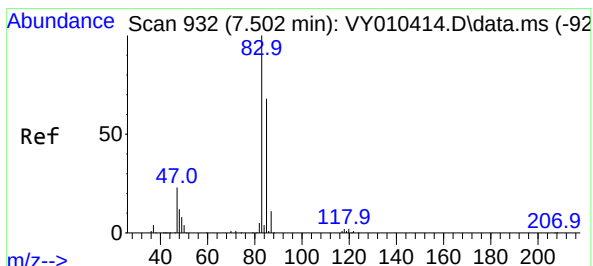
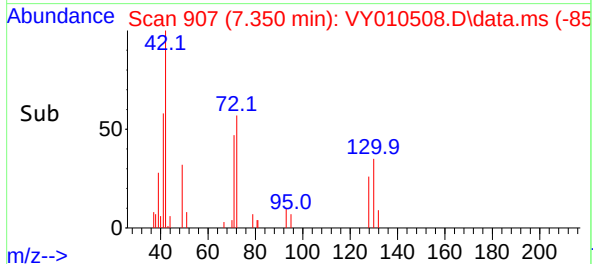
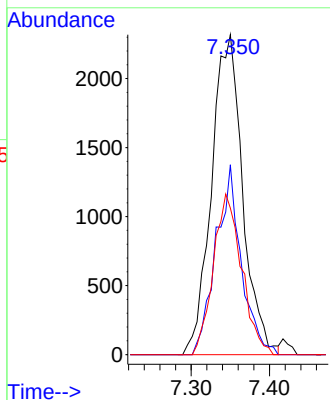
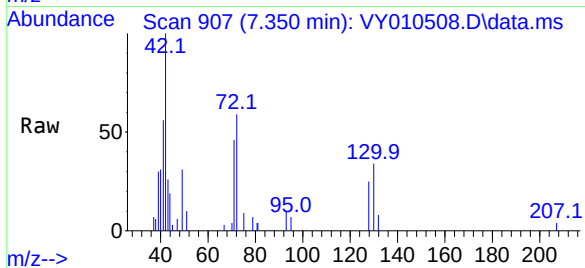




#29
Tetrahydrofuran
Concen: 13.345 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

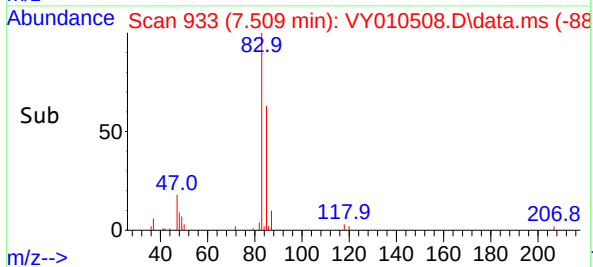
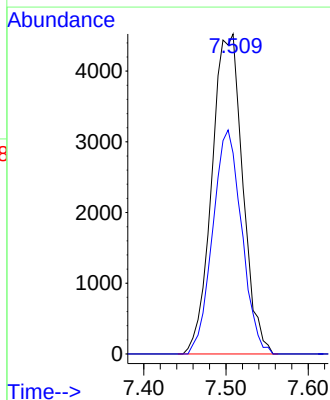
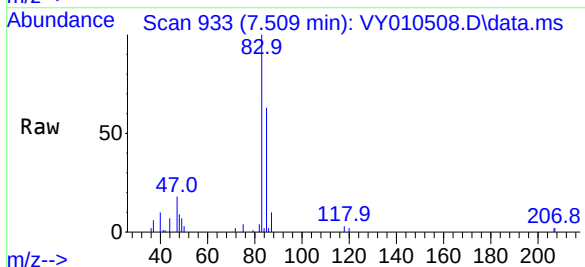
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

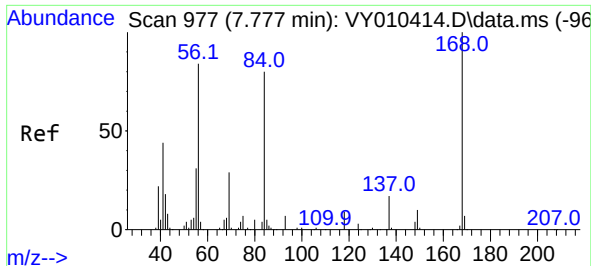
Tgt Ion: 42 Resp: 6403
Ion Ratio Lower Upper
42 100
72 48.3 30.3 45.5#
71 45.6 29.0 43.4#



#30
Chloroform
Concen: 2.828 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 83 Resp: 11786
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.6

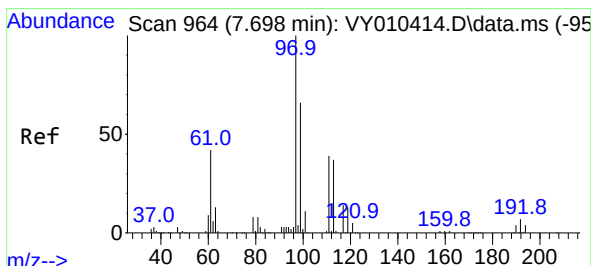
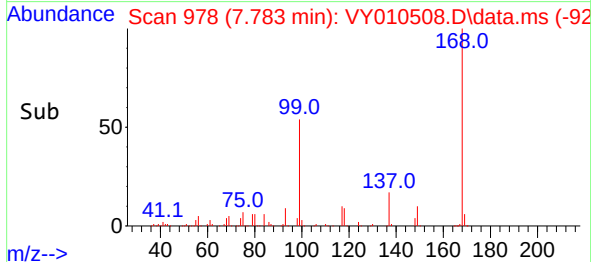
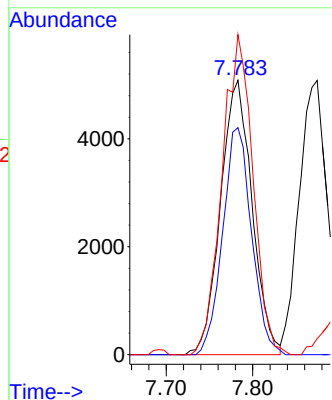
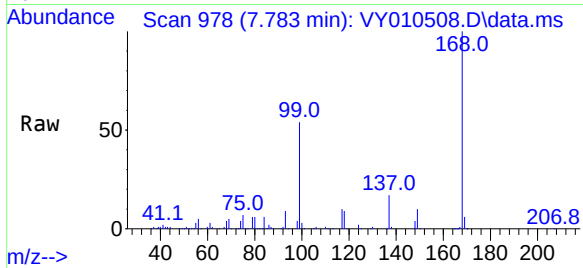




#31
Cyclohexane
Concen: 3.619 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

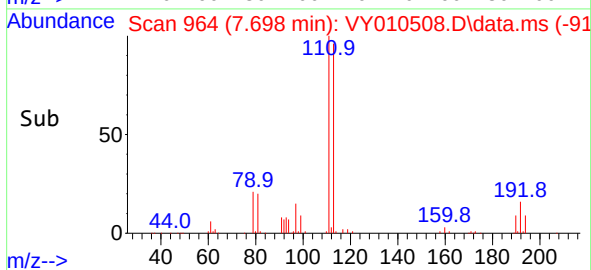
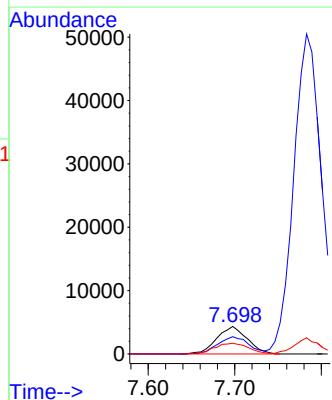
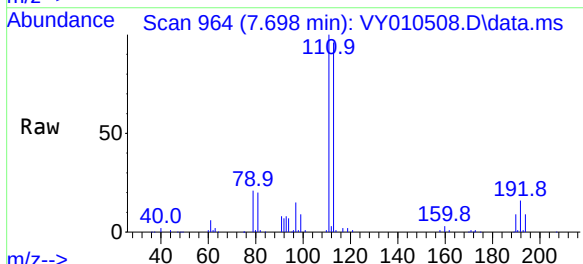
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

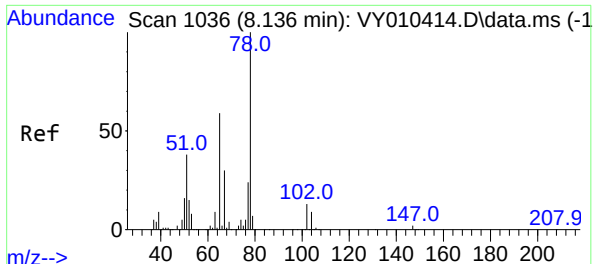
Tgt Ion: 56 Resp: 12887
Ion Ratio Lower Upper
56 100
69 82.7 26.7 40.1#
84 116.6 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 2.793 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 97 Resp: 10537
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.330 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

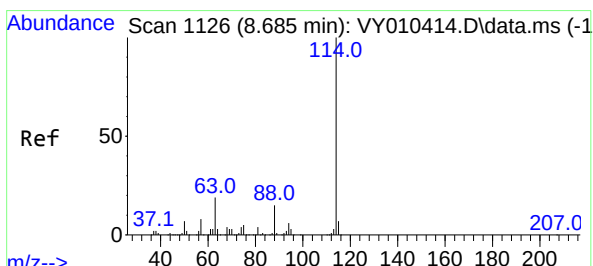
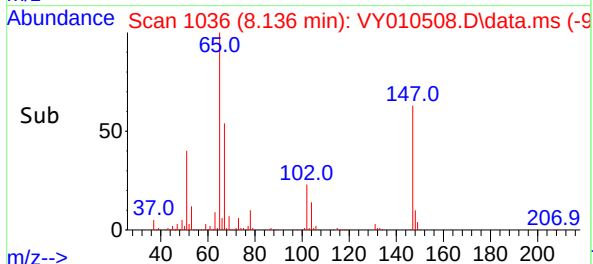
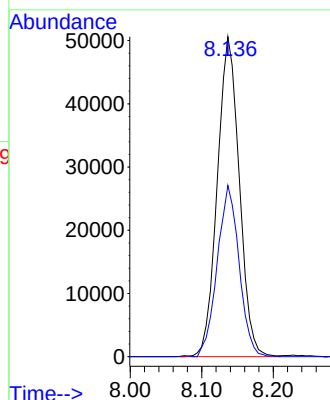
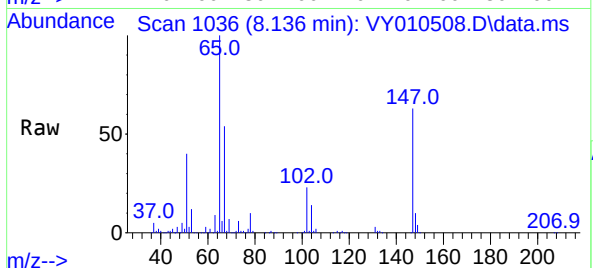
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 65 Resp: 108200

Ion Ratio Lower Upper

65 100

67 53.1 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: VY010508.D

Acq: 15 Sep 2022 14:05

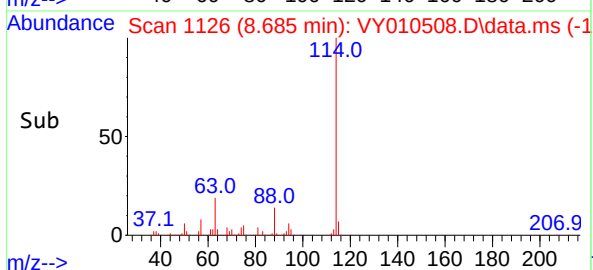
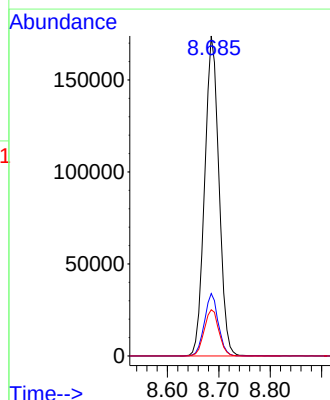
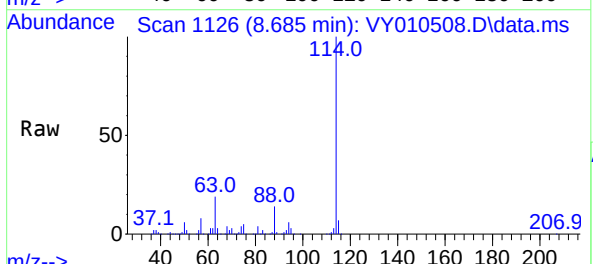
Tgt Ion: 114 Resp: 334897

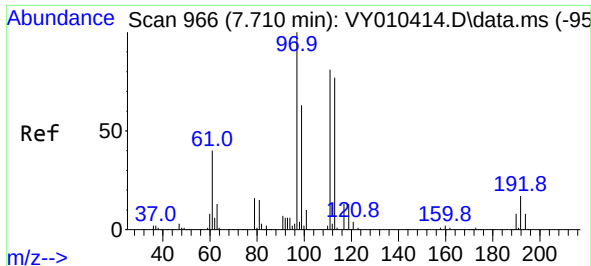
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.5 0.0 31.8

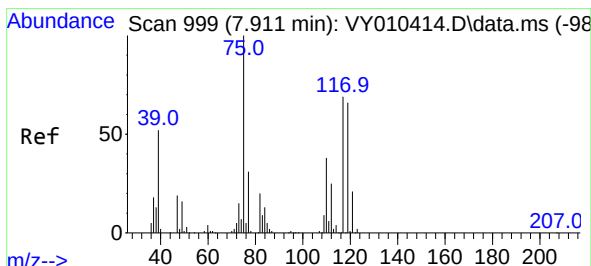
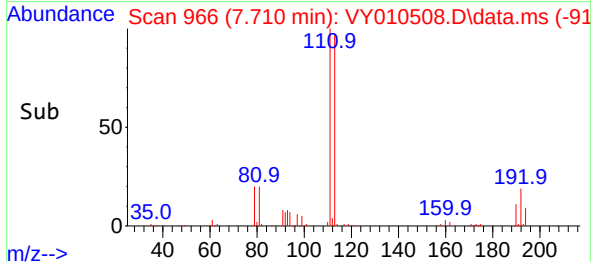
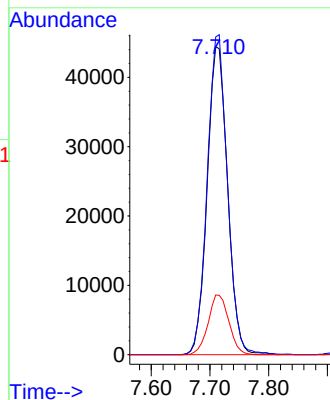
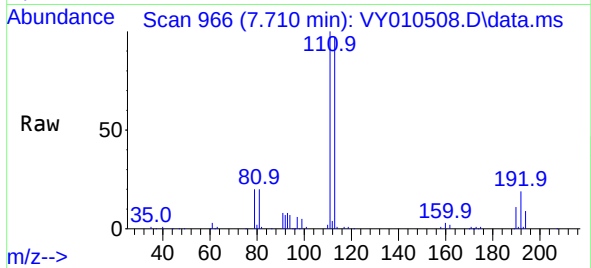




#35
Dibromofluoromethane
Concen: 45.082 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

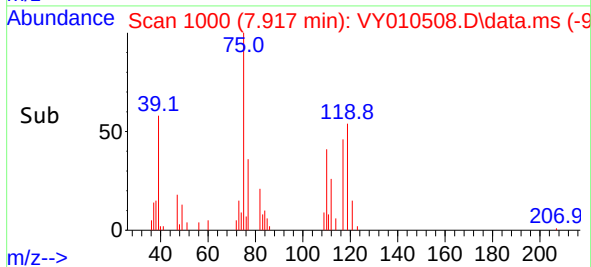
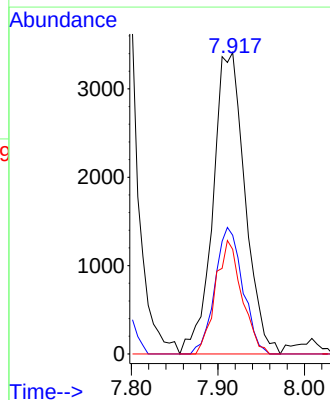
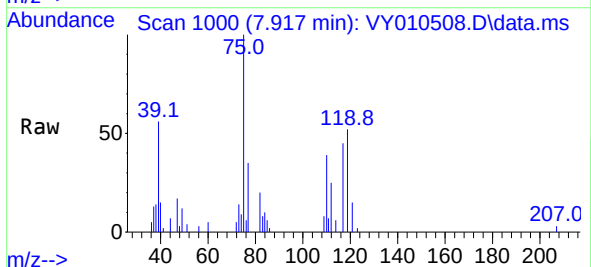
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

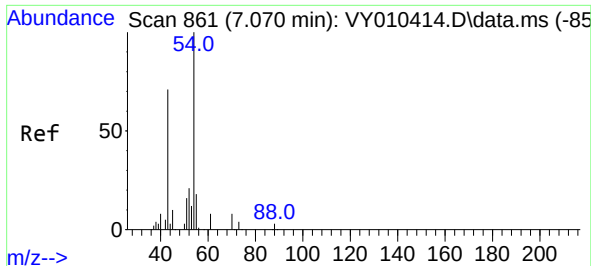
Tgt Ion:113 Resp: 107226
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.689 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 75 Resp: 8757
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 31.0 24.4 36.6

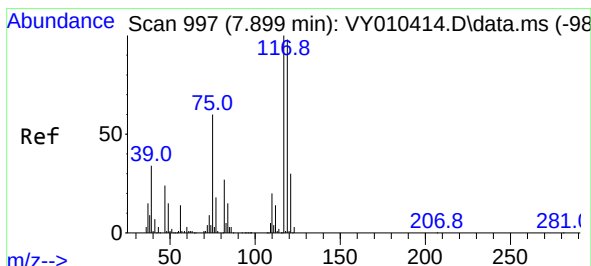
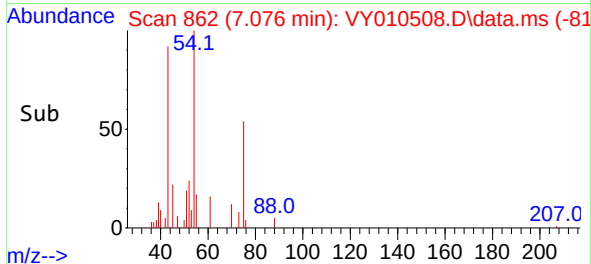
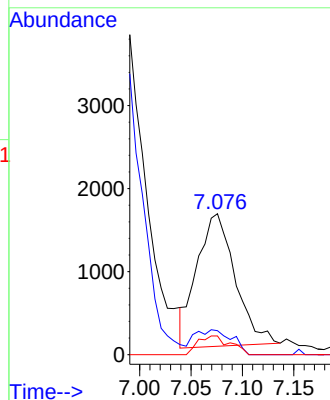
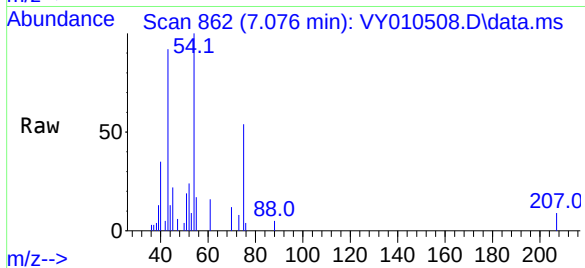




#37
Ethyl Acetate
Concen: 2.422 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

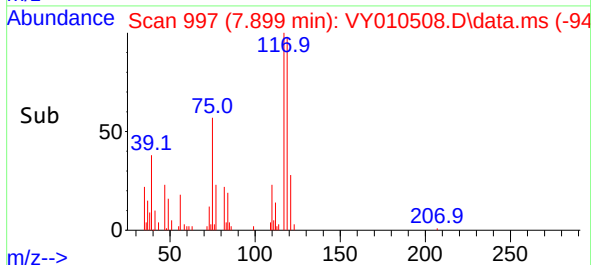
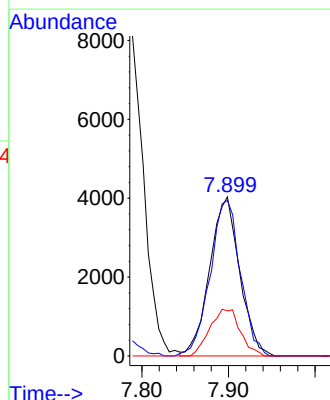
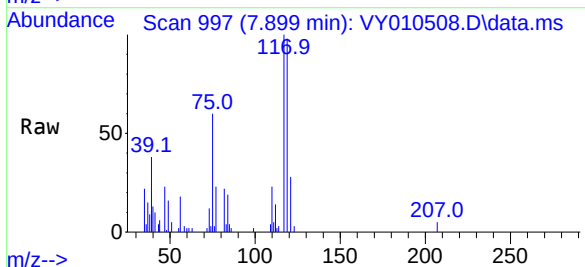
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

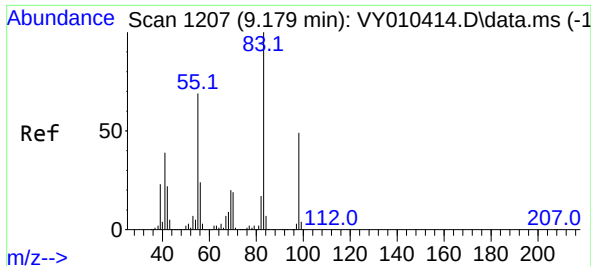
Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
61 18.2 9.7 14.5#
70 11.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 2.680 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 117 Resp: 9708
Ion Ratio Lower Upper
117 100
119 97.7 77.9 116.9
121 28.3 24.8 37.2





#39

Methylcyclohexane

Concen: 2.464 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

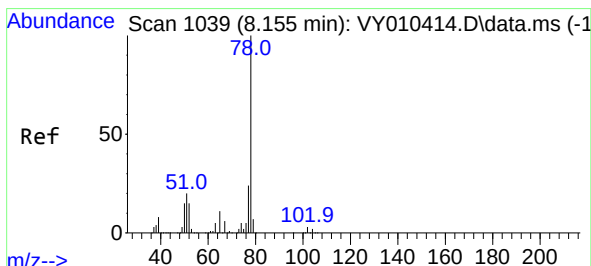
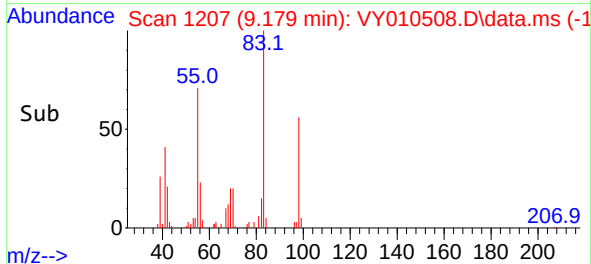
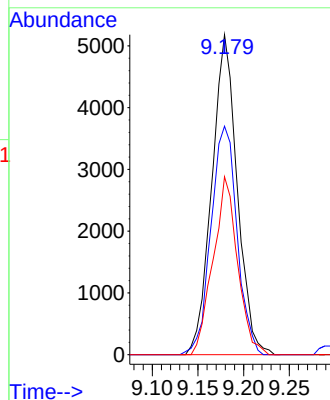
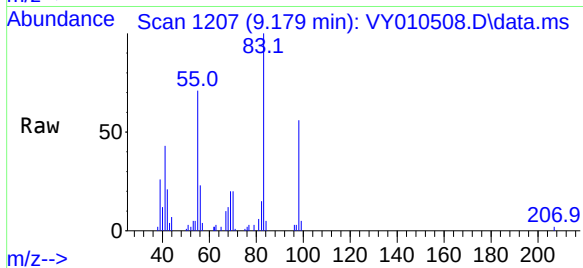
Tgt Ion: 83 Resp: 10002

Ion Ratio Lower Upper

83 100

55 71.4 66.5 99.7

98 55.6 37.9 56.9



#40

Benzene

Concen: 2.733 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010508.D

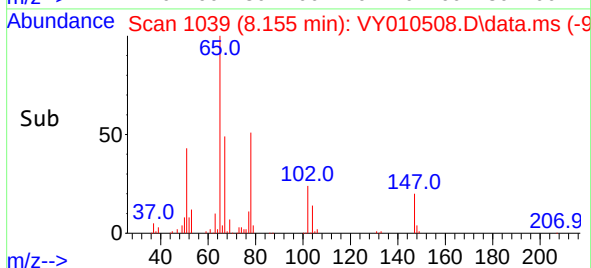
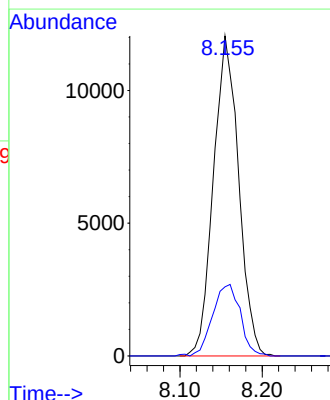
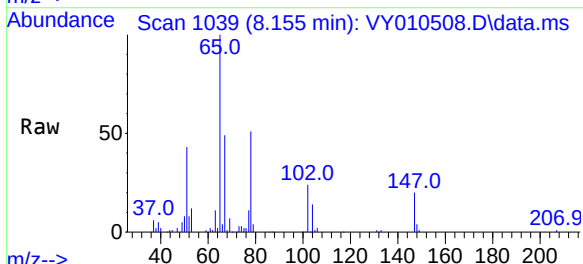
Acq: 15 Sep 2022 14:05

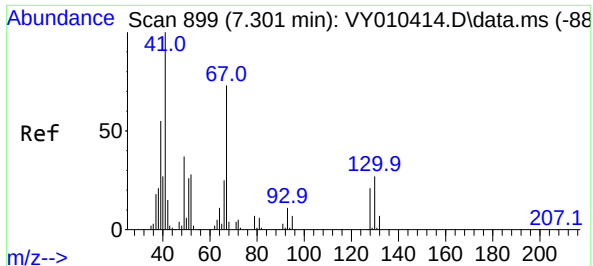
Tgt Ion: 78 Resp: 25618

Ion Ratio Lower Upper

78 100

77 21.6 20.4 30.6



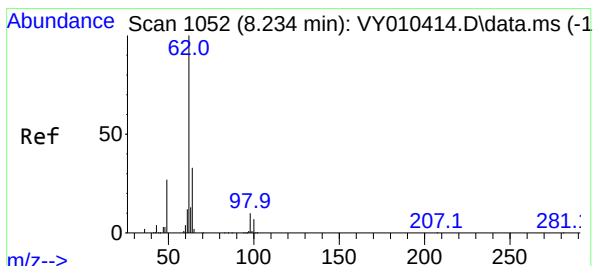
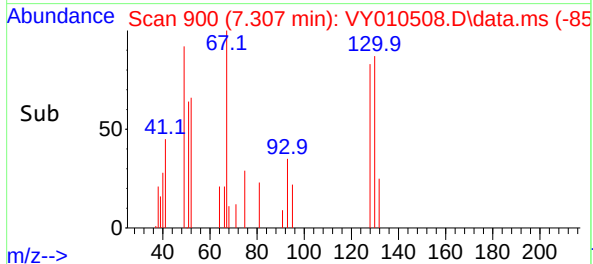
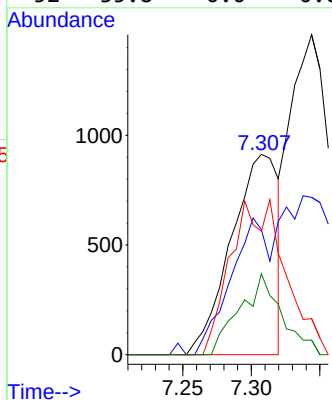
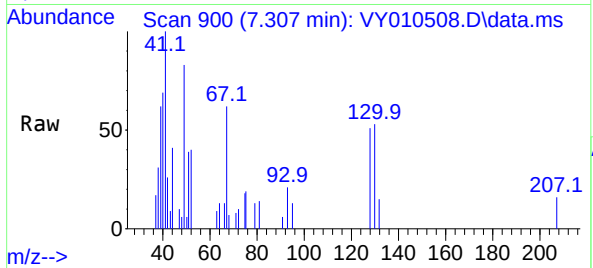


#41
Methacrylonitrile
Concen: 2.227 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

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

Tgt Ion: 41 Resp: 2179

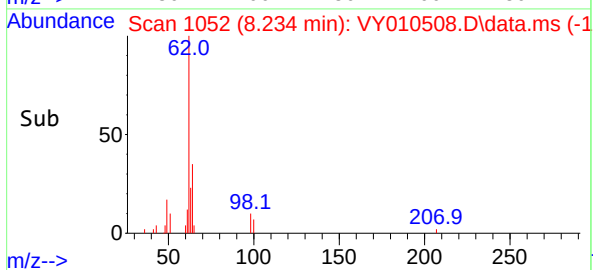
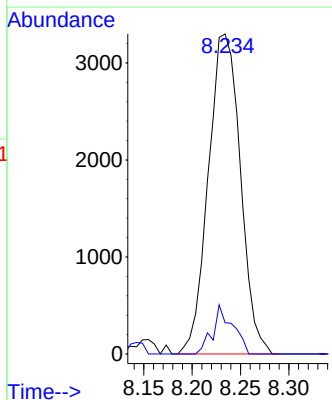
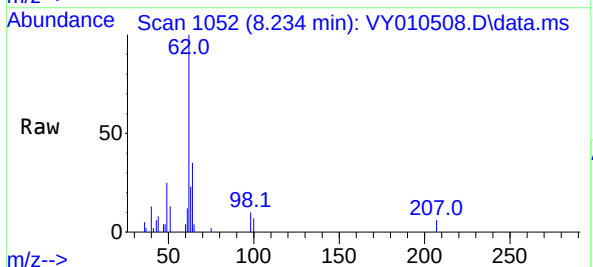
Ion	Ratio	Lower	Upper
41	100		
39	55.2	92.9	139.3#
67	89.2	0.0	0.0#
52	35.8	0.0	0.0#

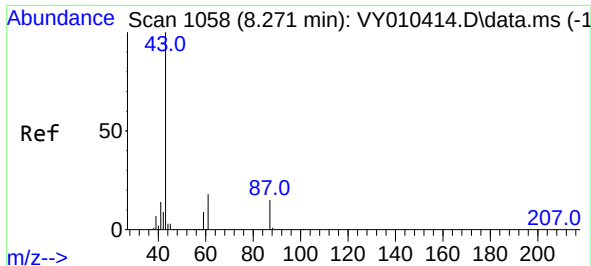


#42
1,2-Dichloroethane
Concen: 2.732 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 62 Resp: 7614

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	14.8

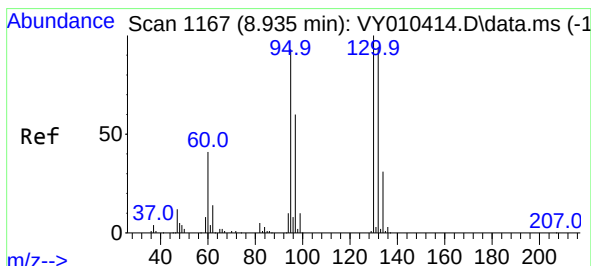
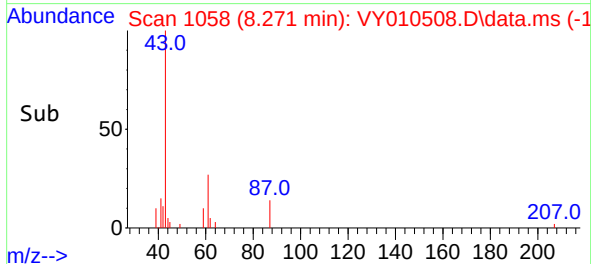
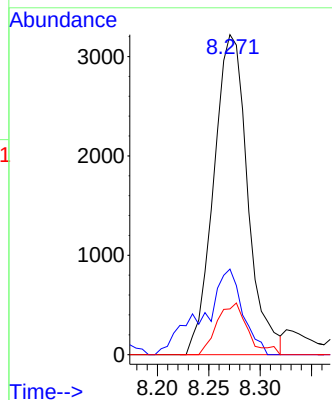
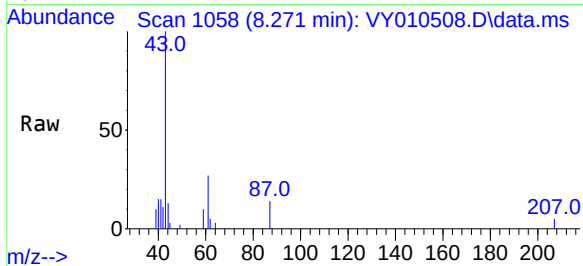




#43
Isopropyl Acetate
Concen: 2.360 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

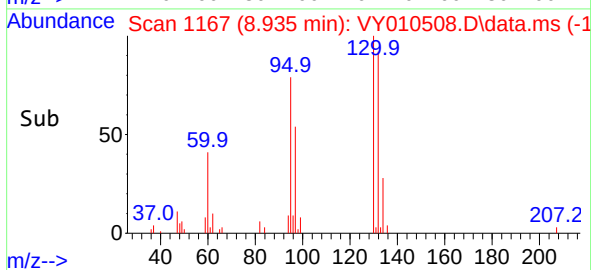
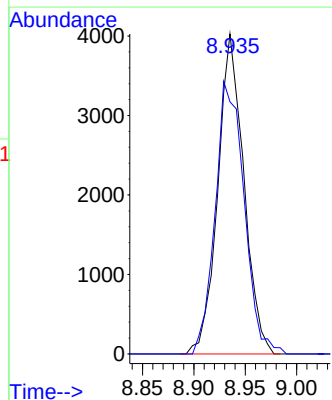
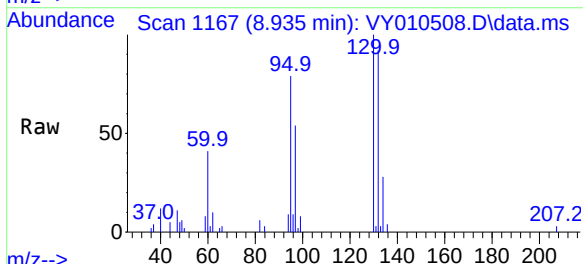
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

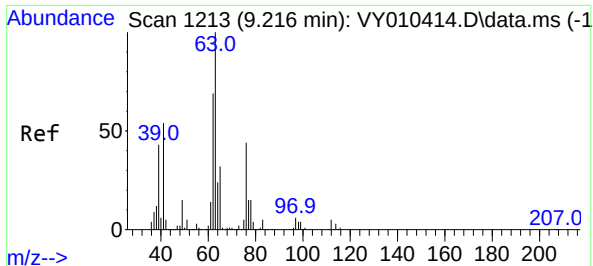
Tgt Ion: 43 Resp: 7392
Ion Ratio Lower Upper
43 100
61 23.5 20.2 30.2
87 14.6 8.9 13.3#



#44
Trichloroethene
Concen: 2.561 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:130 Resp: 7066
Ion Ratio Lower Upper
130 100
95 78.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.645 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

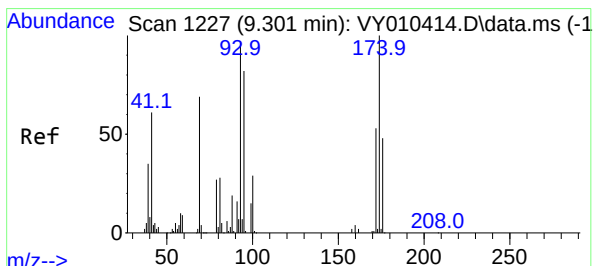
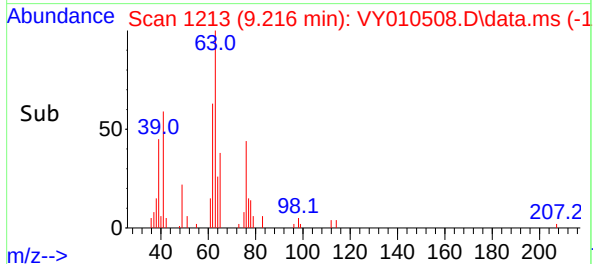
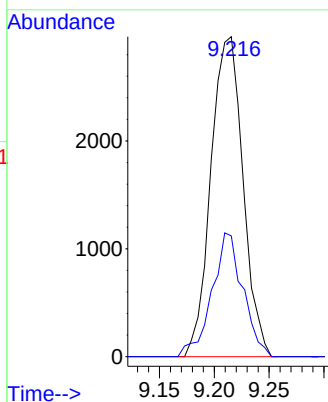
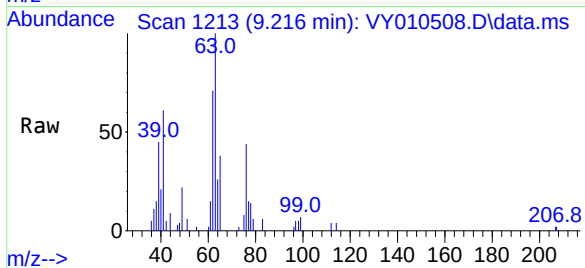
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 6046

Ion Ratio Lower Upper

63 100

65 37.7 23.0 34.6#



#46

Dibromomethane

Concen: 2.788 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

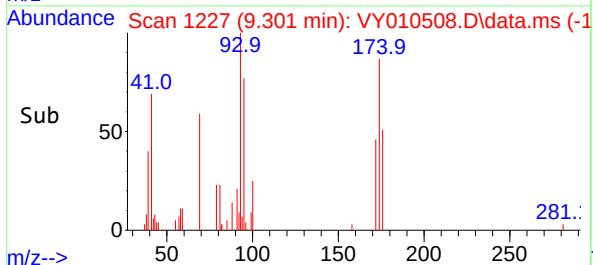
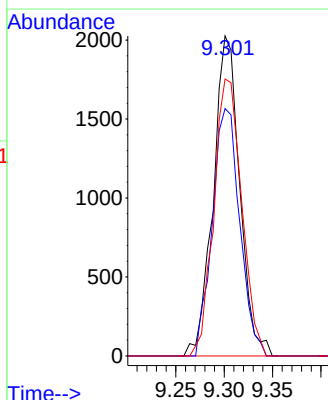
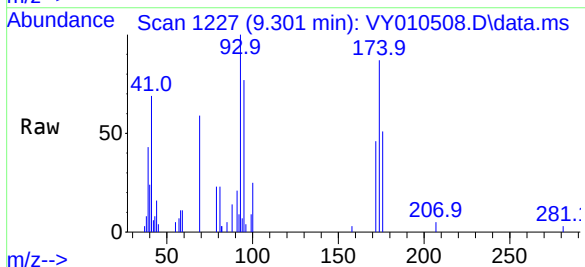
Tgt Ion: 93 Resp: 3843

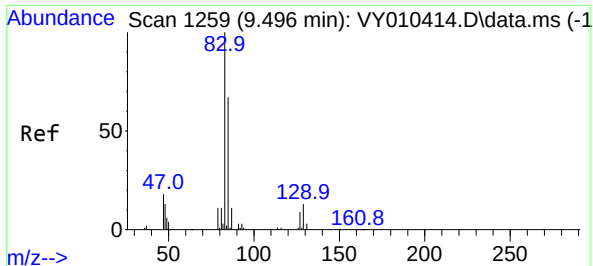
Ion Ratio Lower Upper

93 100

95 80.3 64.3 96.5

174 91.1 83.4 125.0

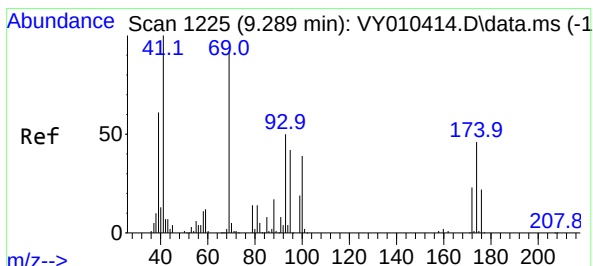
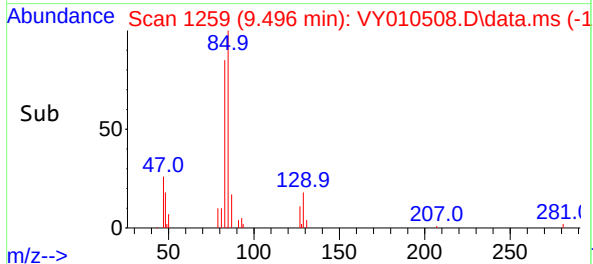
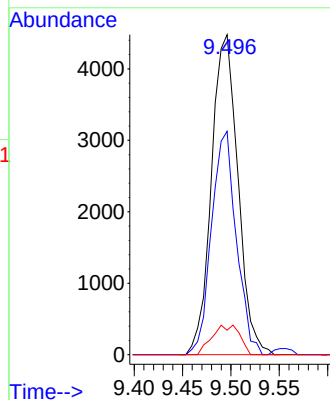
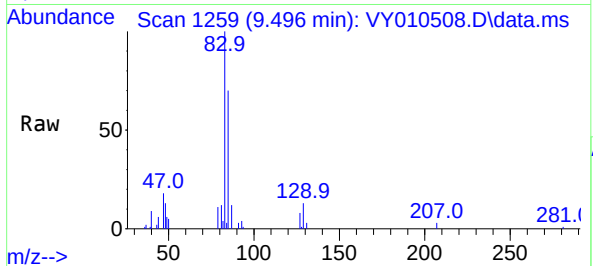




#47
Bromodichloromethane
Concen: 2.603 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

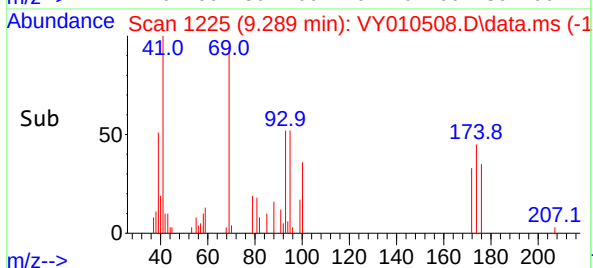
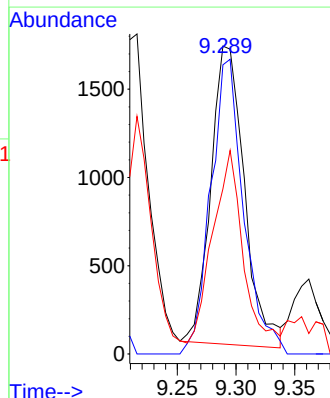
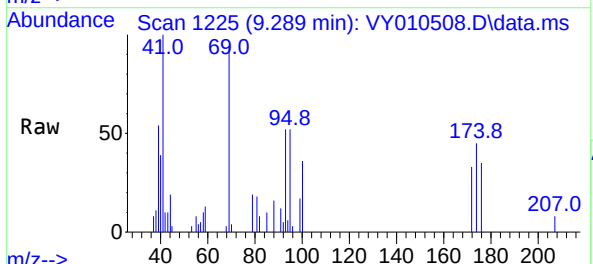
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

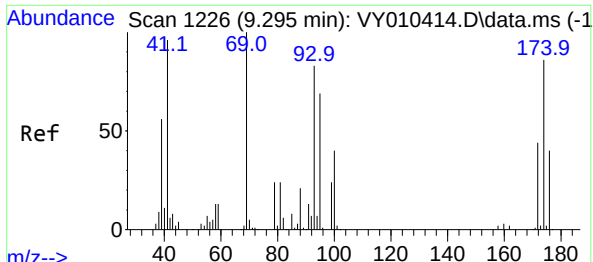
Tgt Ion:	83	Resp:	8525
Ion	Ratio	Lower	Upper
83	100		
85	69.8	51.9	77.9
127	7.7	6.6	10.0



#48
Methyl methacrylate
Concen: 2.383 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	41	Resp:	3352
Ion	Ratio	Lower	Upper
41	100		
69	97.1	58.2	87.2
39	59.6	47.4	71.0





#49

1,4-Dioxane

Concen: 53.647 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010508.D

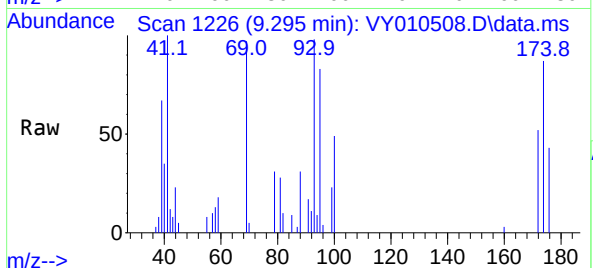
Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



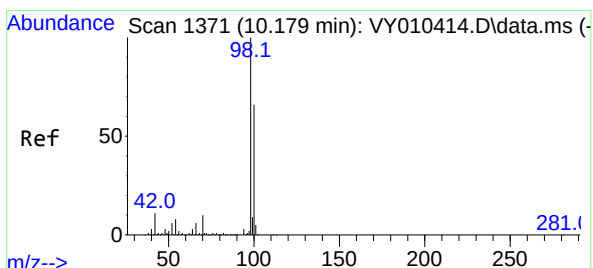
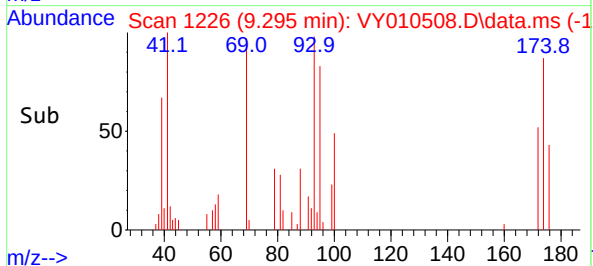
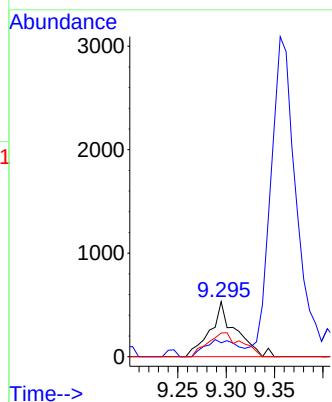
Tgt Ion: 88 Resp: 979

Ion Ratio Lower Upper

88 100

43 38.4 32.8 49.2

58 57.0 59.8 89.6#



#50

Toluene-d8

Concen: 49.722 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010508.D

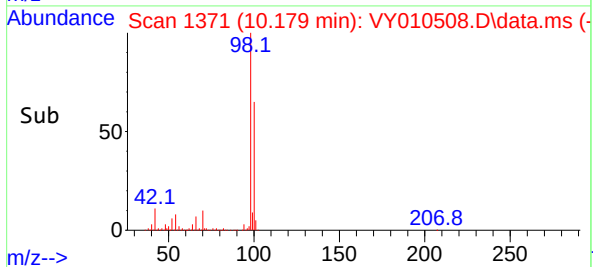
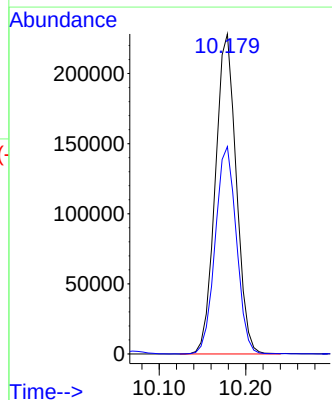
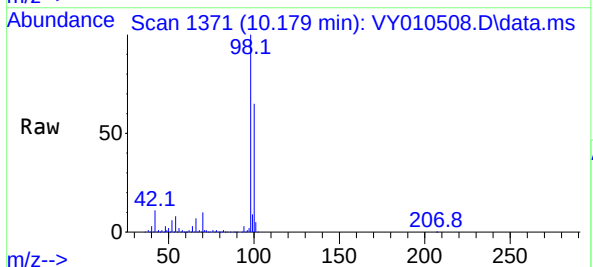
Acq: 15 Sep 2022 14:05

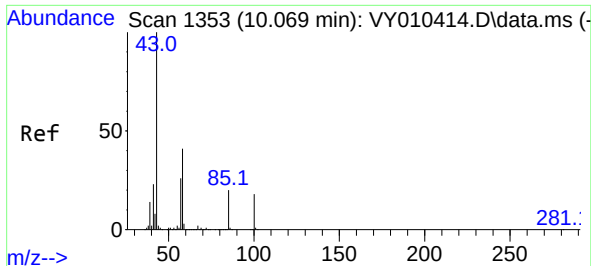
Tgt Ion: 98 Resp: 383281

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

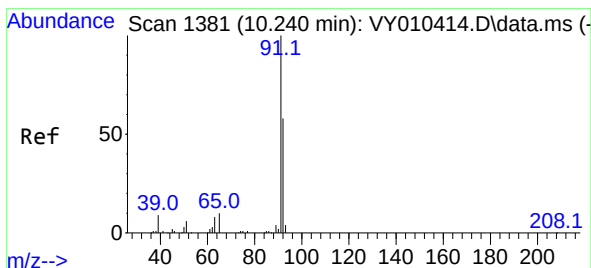
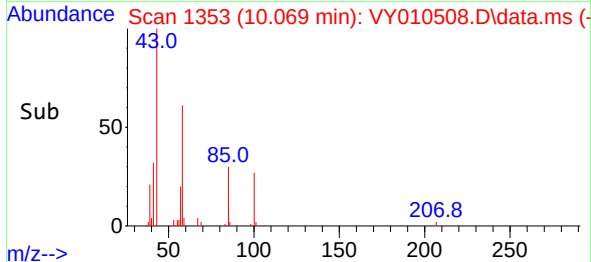
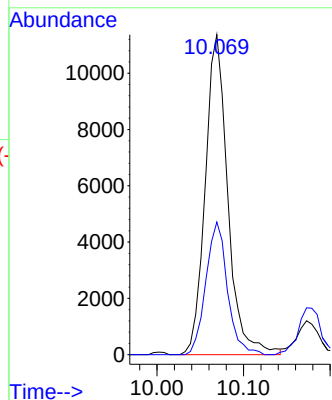
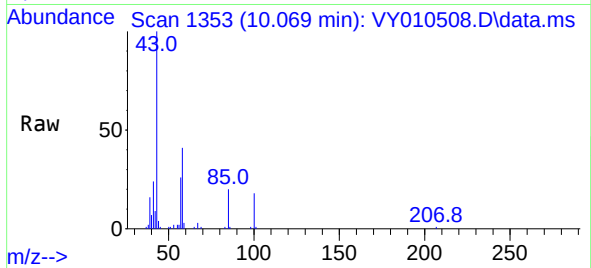




#51
4-Methyl-2-Pentanone
Concen: 11.983 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

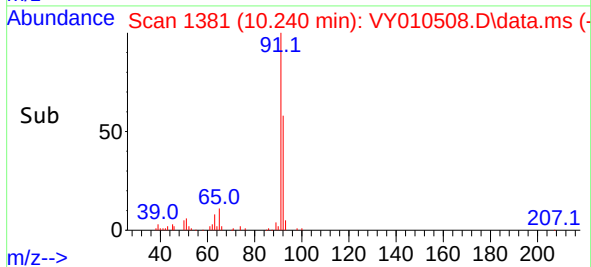
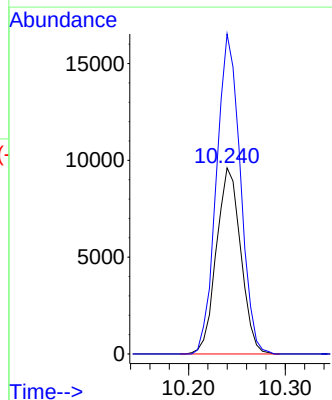
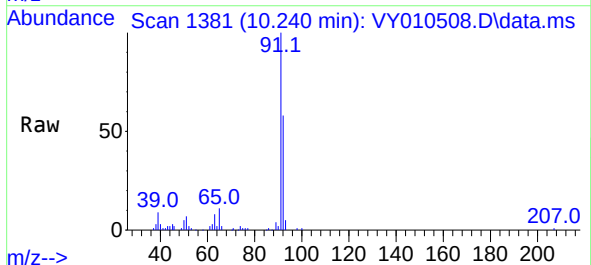
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

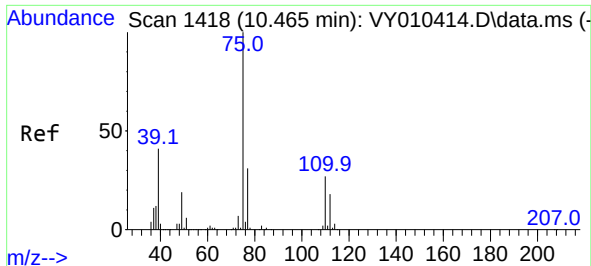
Tgt Ion: 43 Resp: 20590
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1



#52
Toluene
Concen: 2.742 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 92 Resp: 16820
Ion Ratio Lower Upper
92 100
91 168.5 142.6 213.8

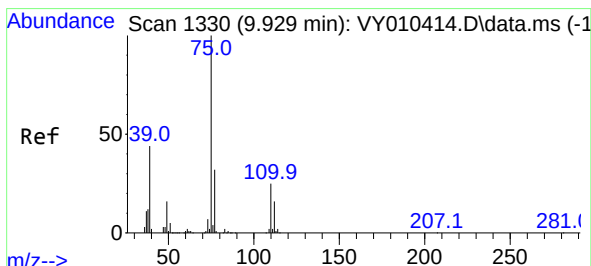
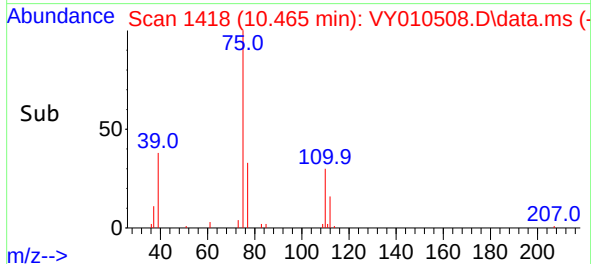
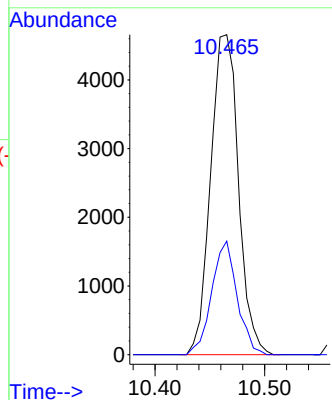
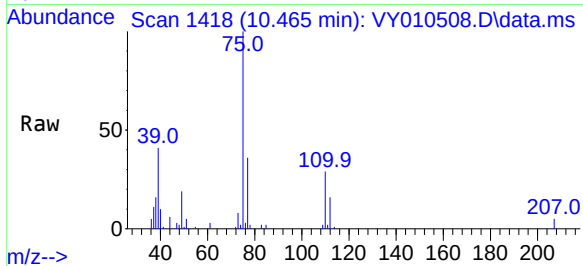




#53
t-1,3-Dichloropropene
Concen: 2.438 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

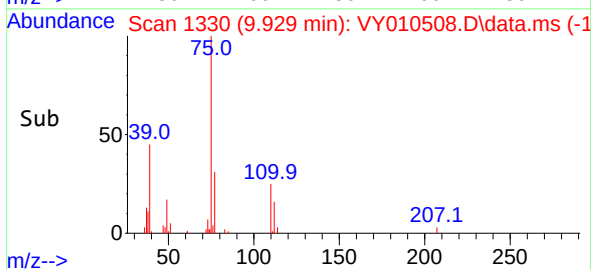
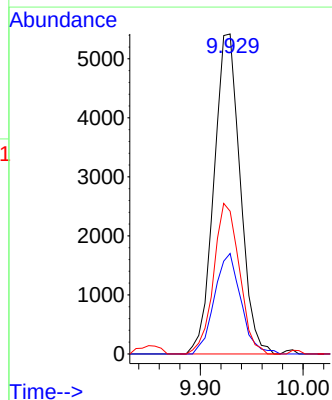
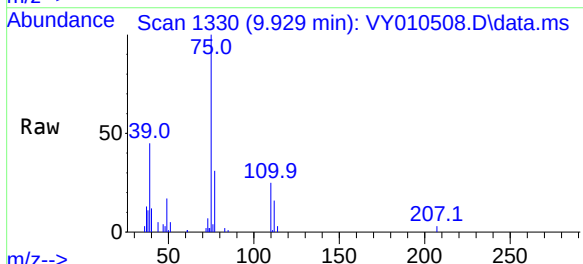
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

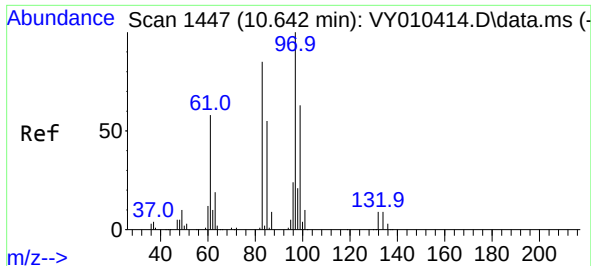
Tgt Ion: 75 Resp: 8217
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 2.528 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 75 Resp: 9610
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 44.6 47.6 71.4#

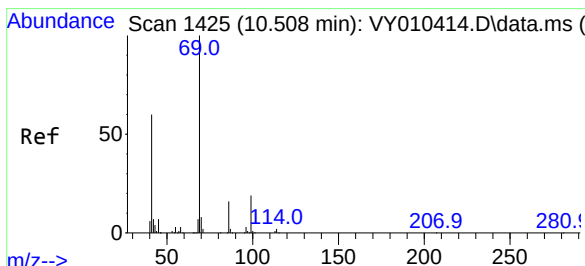
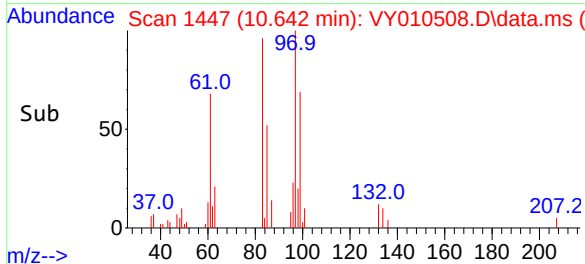
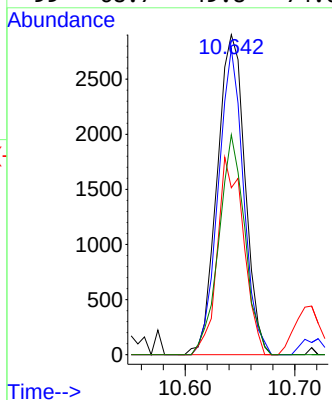
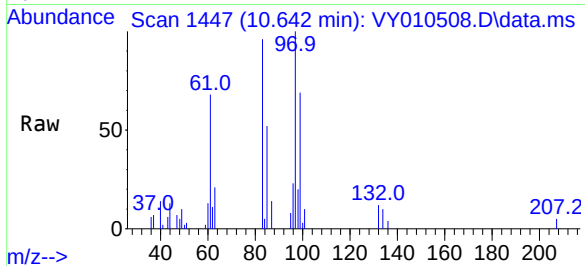




#55
1,1,2-Trichloroethane
Concen: 2.614 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

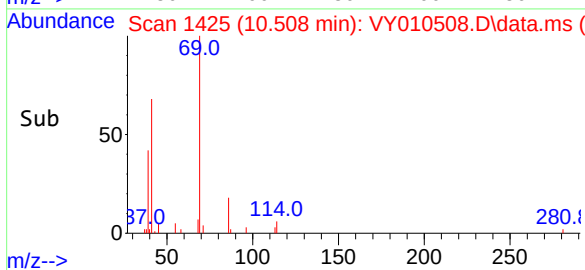
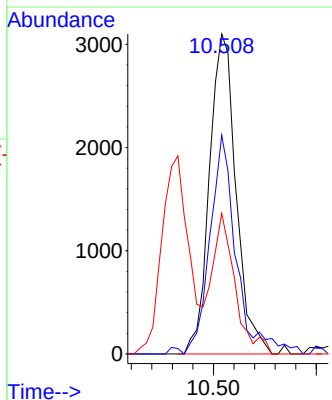
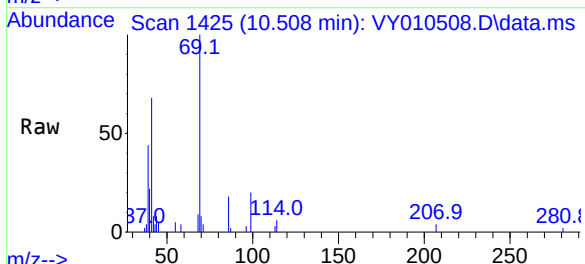
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

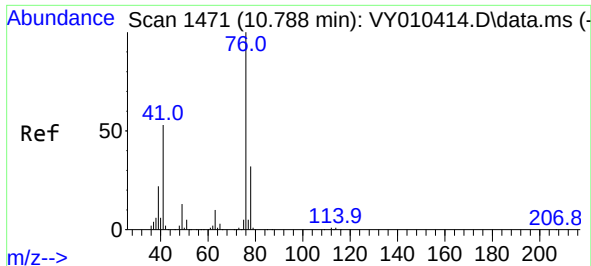
Tgt Ion:	97	Resp:	5126
Ion	Ratio	Lower	Upper
97	100		
83	95.7	69.8	104.8
85	52.1	44.3	66.5
99	68.7	49.8	74.6



#56
Ethyl methacrylate
Concen: 2.164 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	69	Resp:	5572
Ion	Ratio	Lower	Upper
69	100		
41	68.3	63.4	95.0
39	37.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 2.601 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

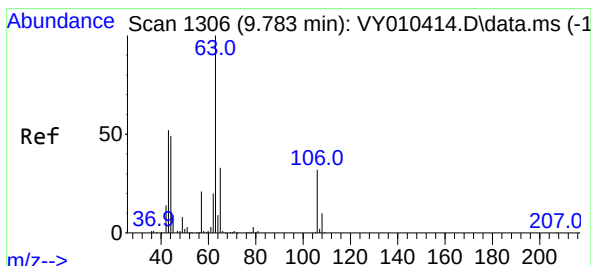
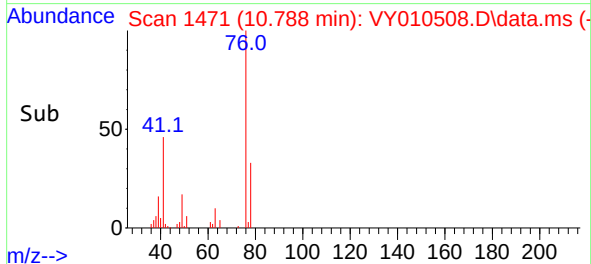
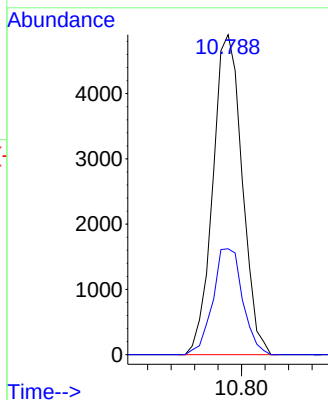
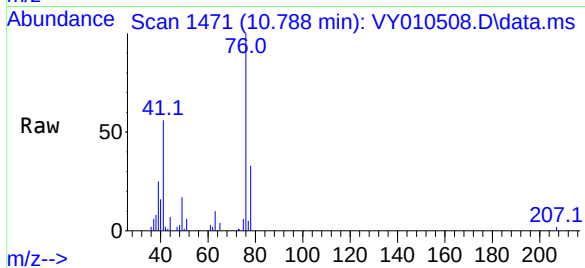
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 76 Resp: 8480

Ion Ratio Lower Upper

76 100

78 33.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 17.448 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010508.D

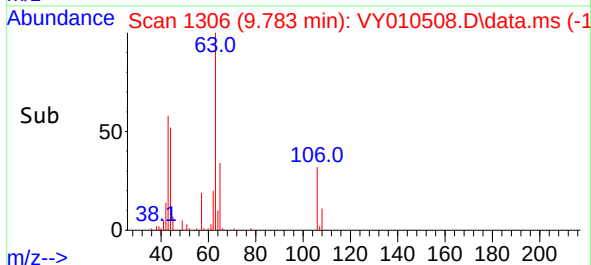
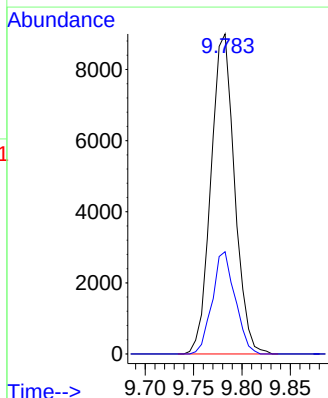
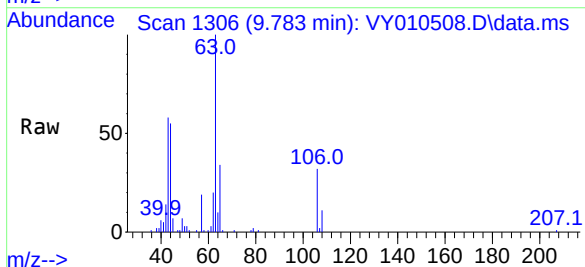
Acq: 15 Sep 2022 14:05

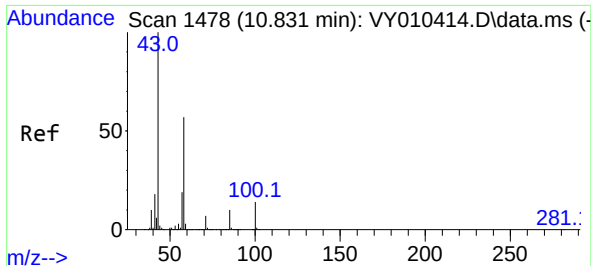
Tgt Ion: 63 Resp: 15286

Ion Ratio Lower Upper

63 100

106 30.8 21.5 32.3





#59

2-Hexanone

Concen: 10.993 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

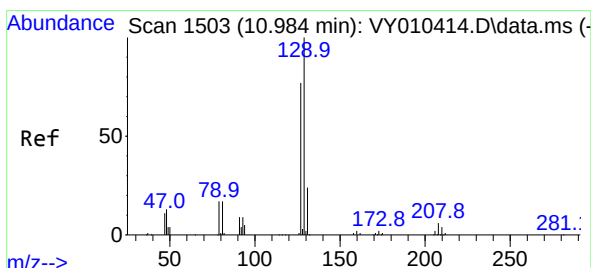
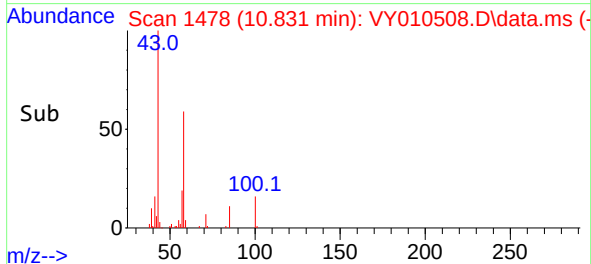
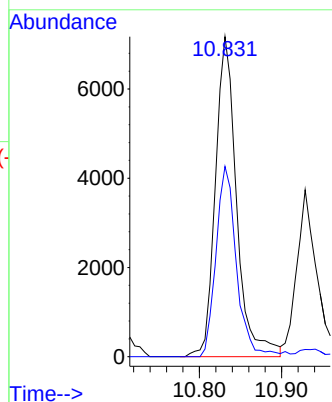
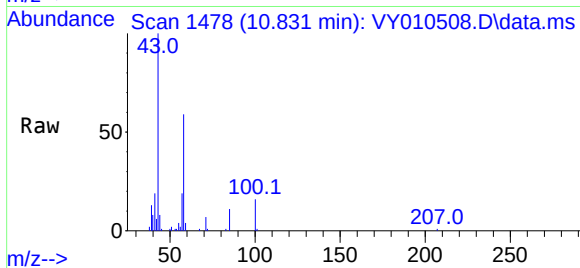
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 12876

Ion Ratio Lower Upper

43 100

58 57.0 24.4 73.4



#60

Dibromochloromethane

Concen: 2.444 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.007 min

Lab File: VY010508.D

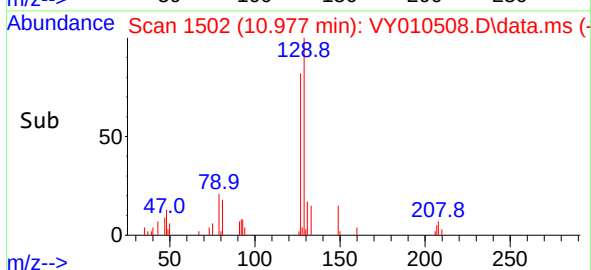
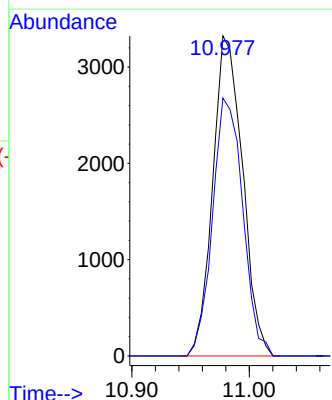
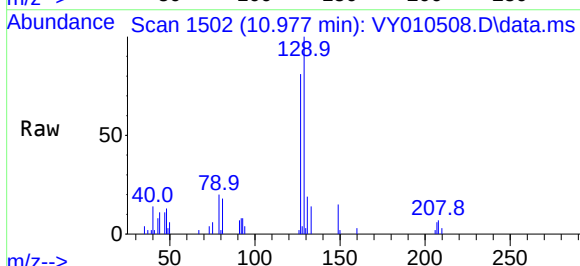
Acq: 15 Sep 2022 14:05

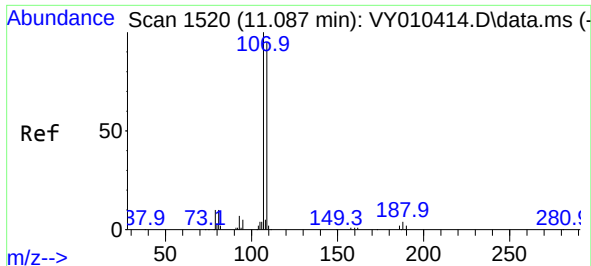
Tgt Ion: 129 Resp: 5856

Ion Ratio Lower Upper

129 100

127 81.6 38.7 116.1

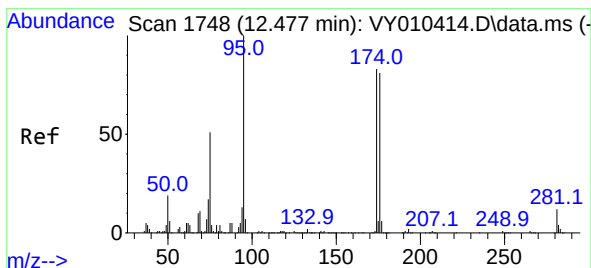
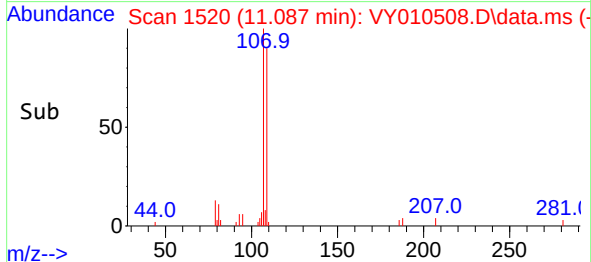
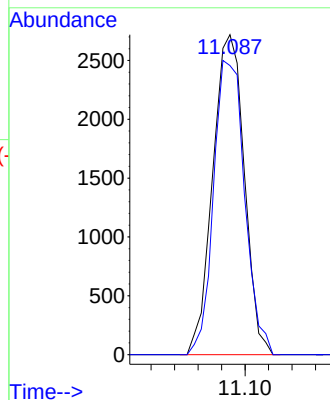
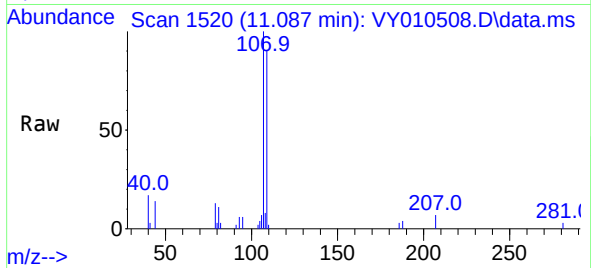




#61
1,2-Dibromoethane
Concen: 2.659 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

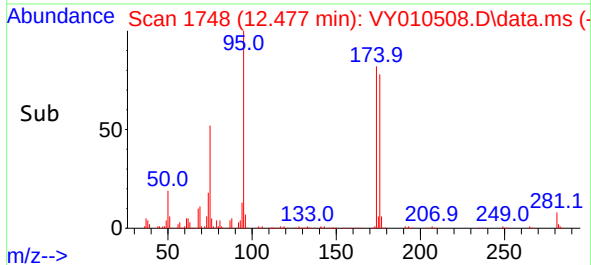
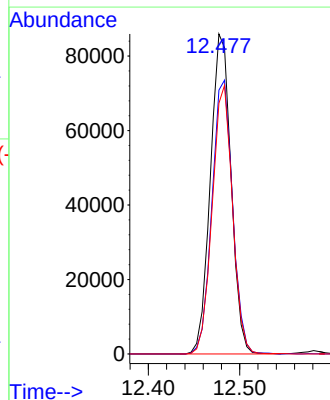
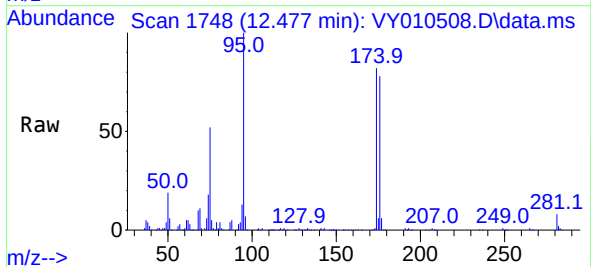
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

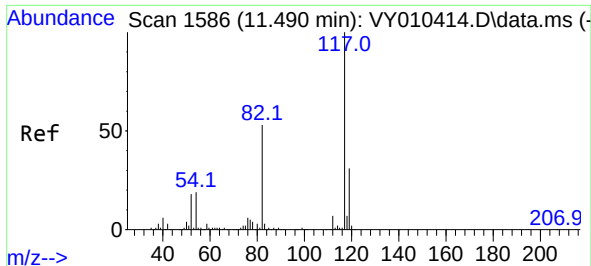
Tgt Ion:107 Resp: 5061
Ion Ratio Lower Upper
107 100
109 90.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 38.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 95 Resp: 134738
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.3 0.0 175.8

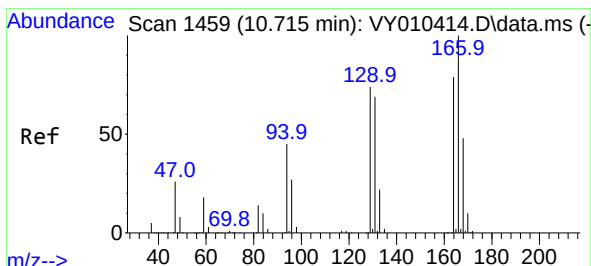
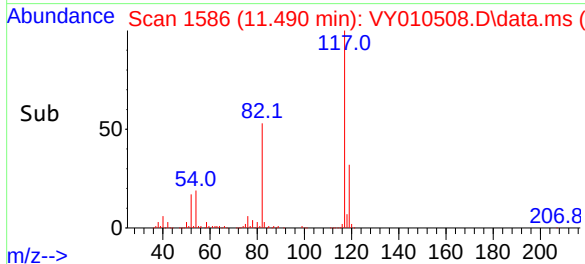
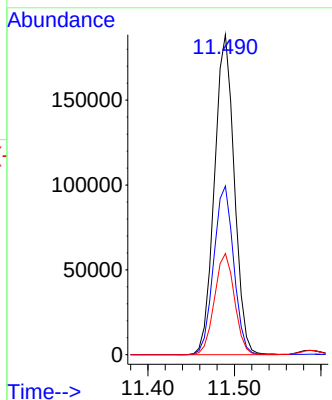
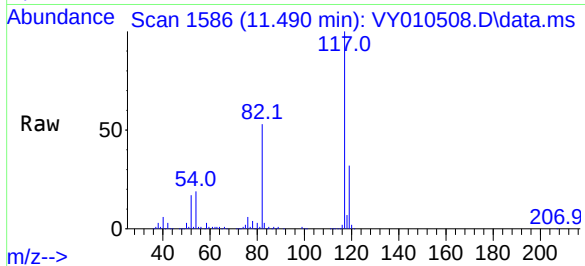




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

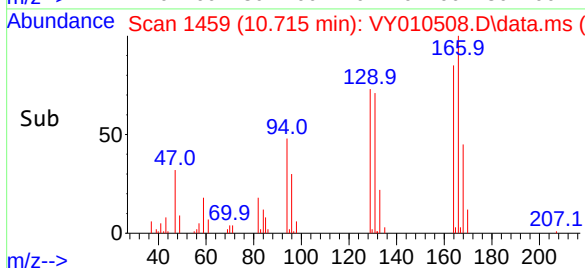
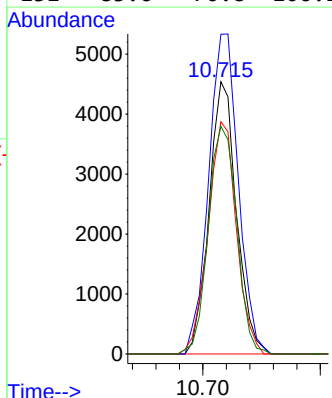
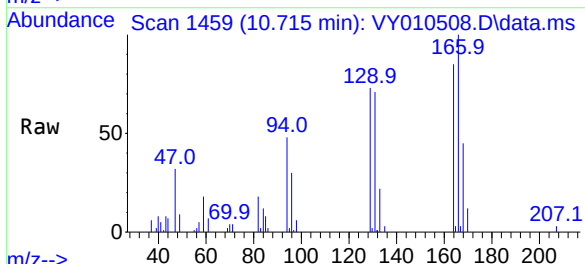
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

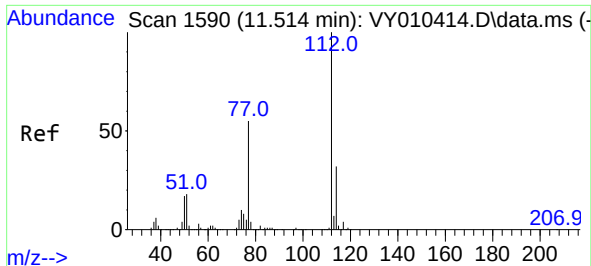
Tgt Ion:	117	Resp:	299886
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	31.6	25.4	38.0



#64
Tetrachloroethene
Concen: 2.724 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	164	Resp:	7362
Ion	Ratio	Lower	Upper
164	100		
166	117.4	100.4	150.6
129	85.3	71.4	107.0
131	83.6	70.8	106.2

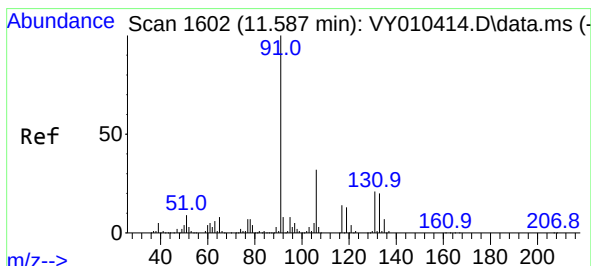
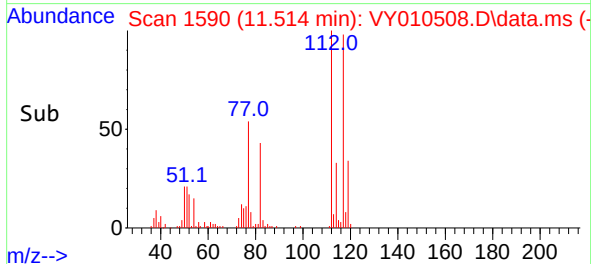
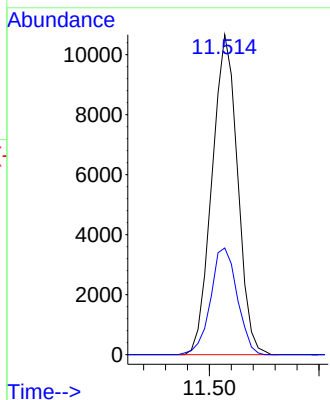
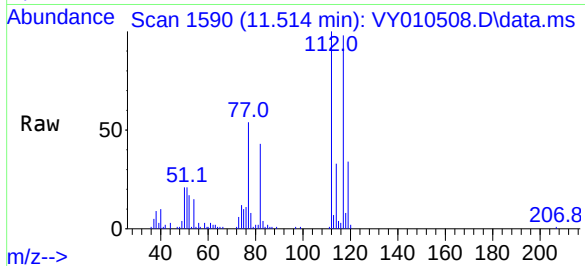




#65
Chlorobenzene
Concen: 2.579 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

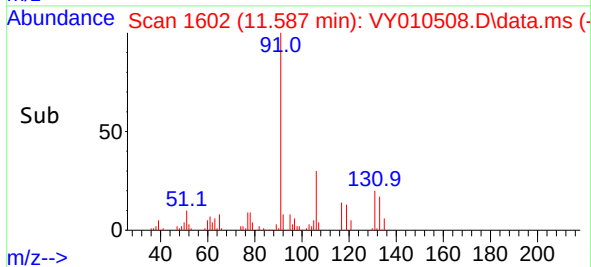
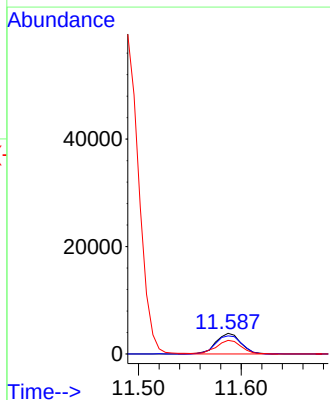
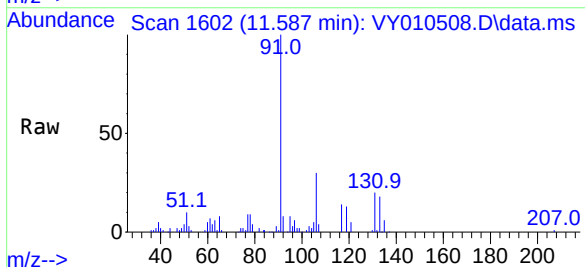
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

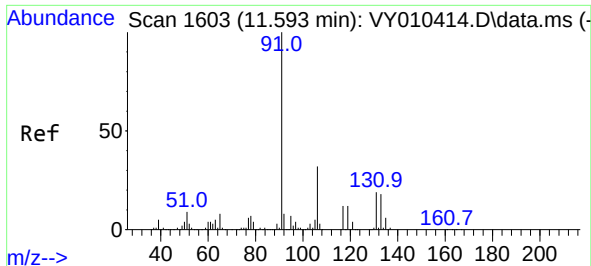
Tgt Ion:112 Resp: 17295
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.591 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:131 Resp: 6436
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.6
119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 2.490 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

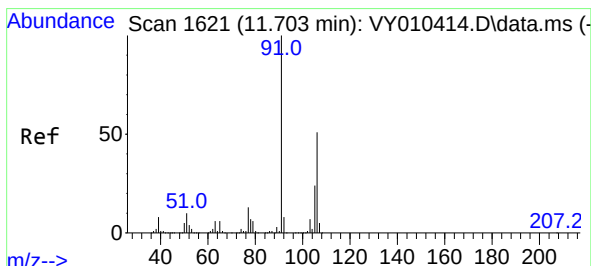
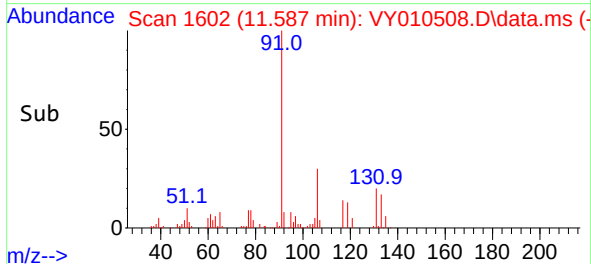
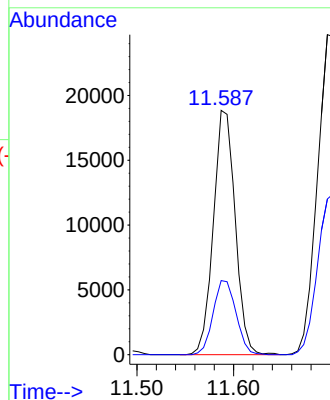
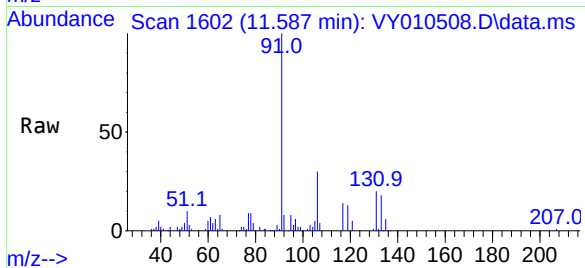
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 29557

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 4.864 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010508.D

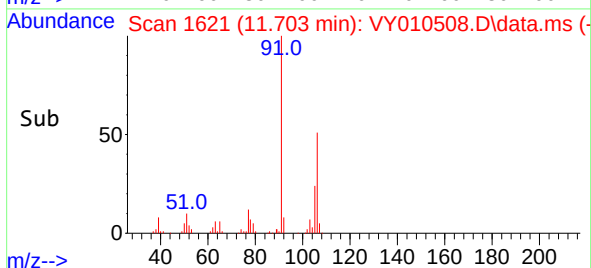
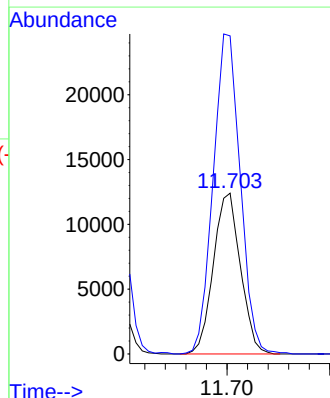
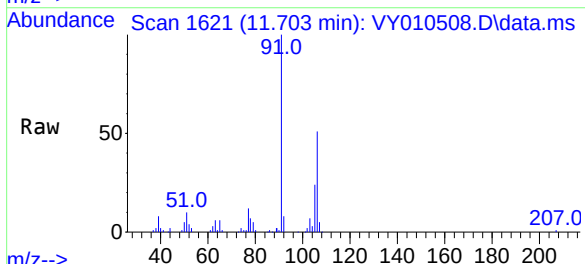
Acq: 15 Sep 2022 14:05

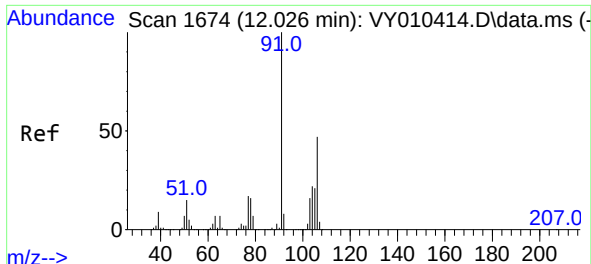
Tgt Ion:106 Resp: 22664

Ion Ratio Lower Upper

106 100

91 199.3 166.6 249.8

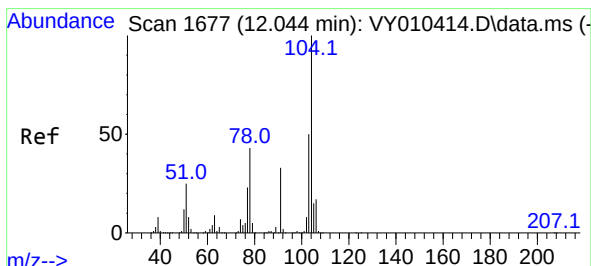
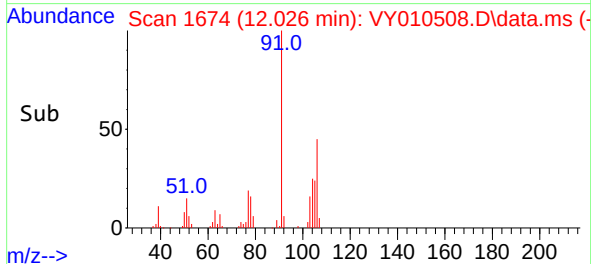
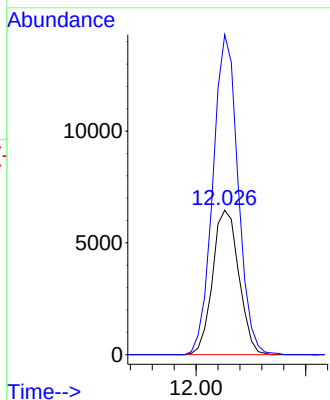
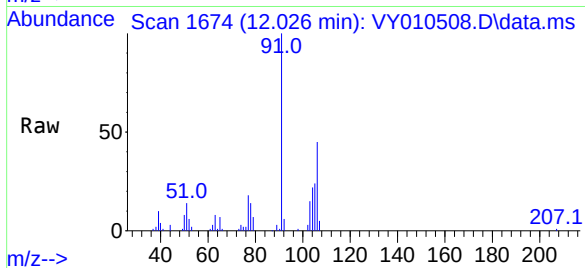




#69
o-Xylene
Concen: 2.411 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

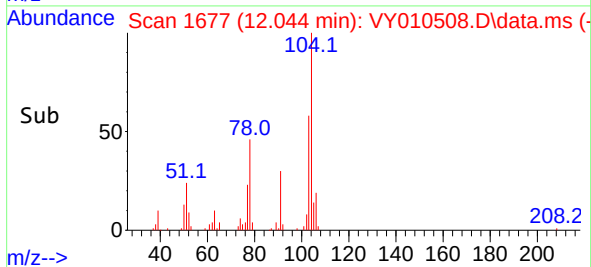
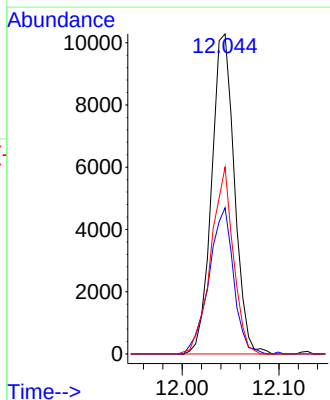
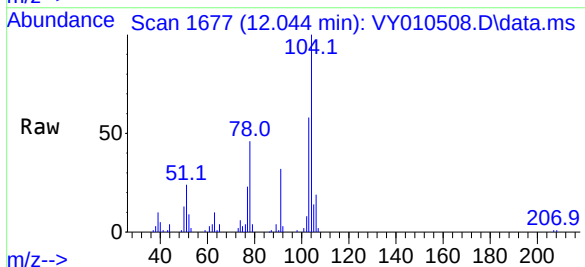
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

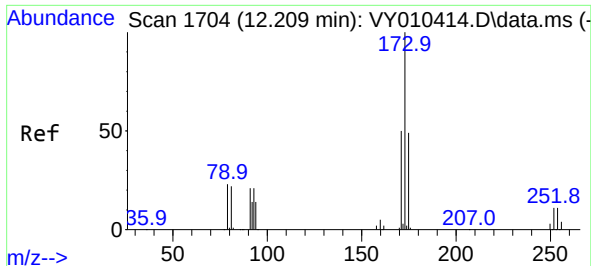
Tgt Ion:106 Resp: 10729
Ion Ratio Lower Upper
106 100
91 212.3 110.3 331.0



#70
Styrene
Concen: 2.239 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:104 Resp: 16860
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 57.5 44.4 66.6

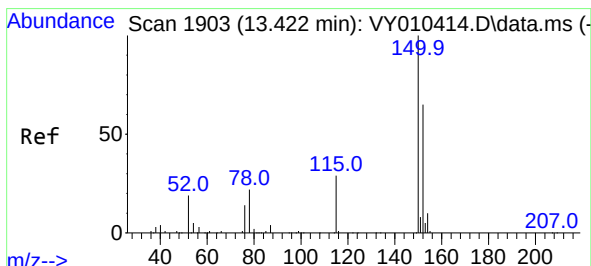
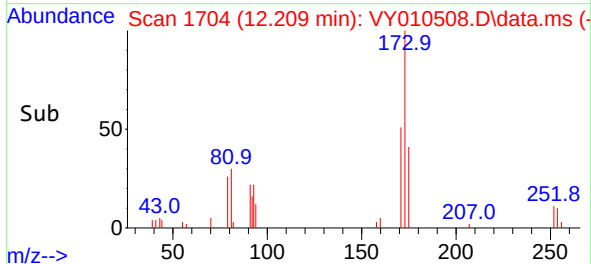
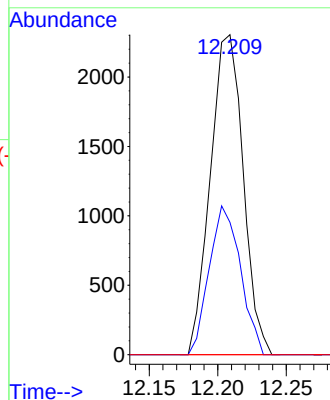
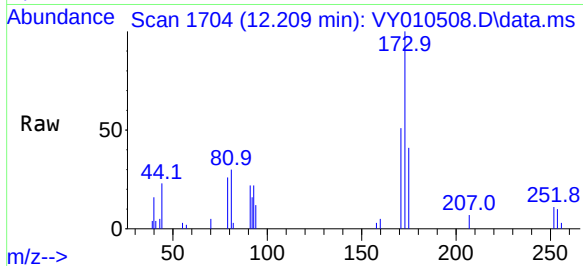




#71
Bromoform
Concen: 2.474 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

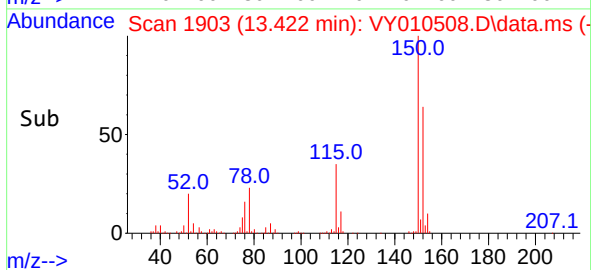
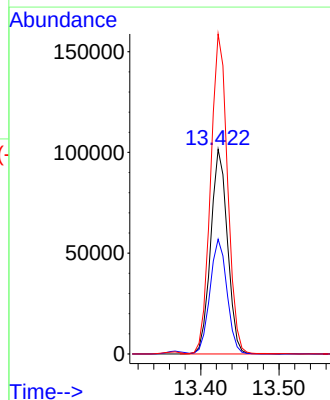
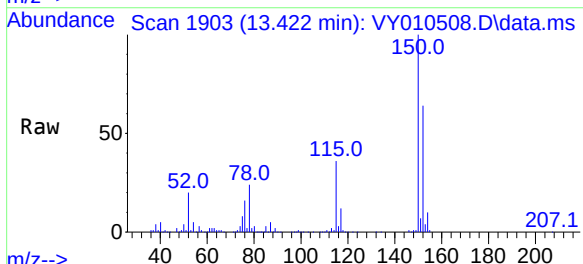
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

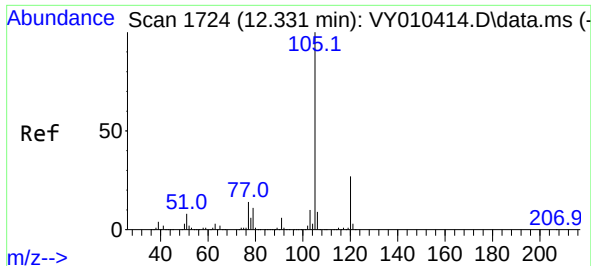
Tgt Ion:173 Resp: 3842
Ion Ratio Lower Upper
173 100
175 44.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:152 Resp: 150687
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 158.3 0.0 347.6

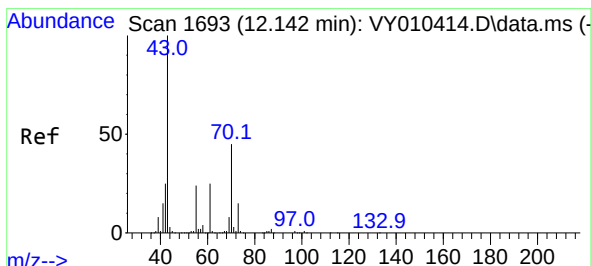
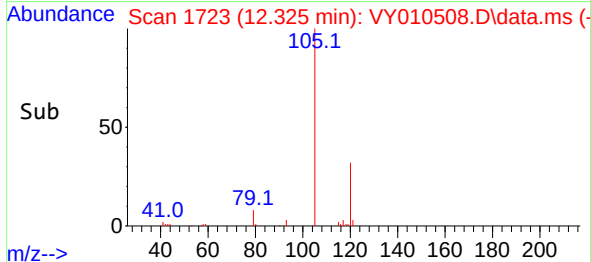
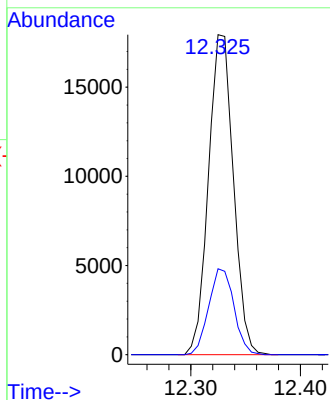
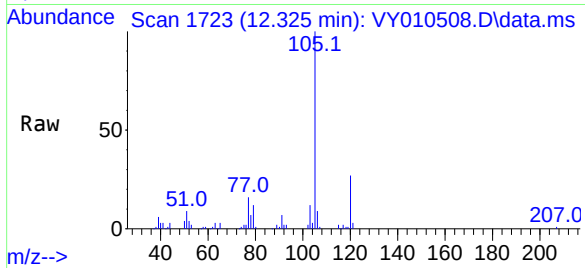




#73
Isopropylbenzene
Concen: 2.416 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

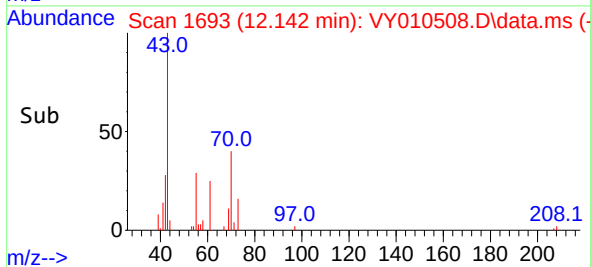
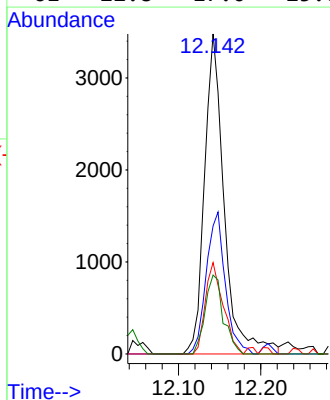
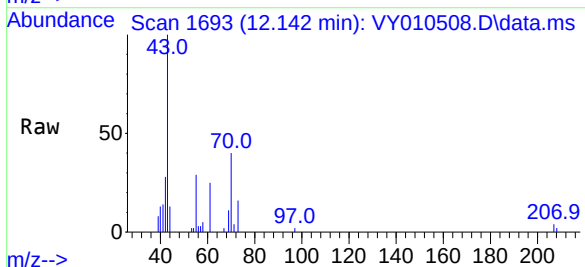
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

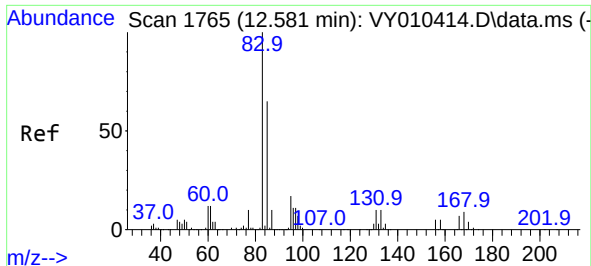
Tgt Ion:105 Resp: 28410
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 2.112 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 43 Resp: 5793
Ion Ratio Lower Upper
43 100
70 42.9 28.7 43.1
55 25.9 17.3 25.9
61 22.8 17.0 25.6

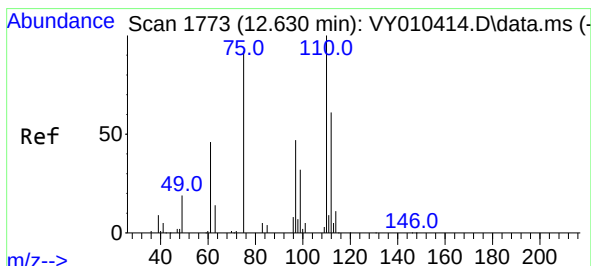
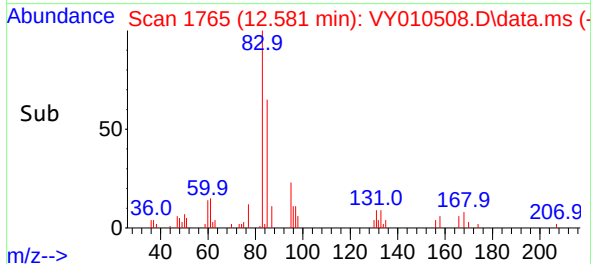
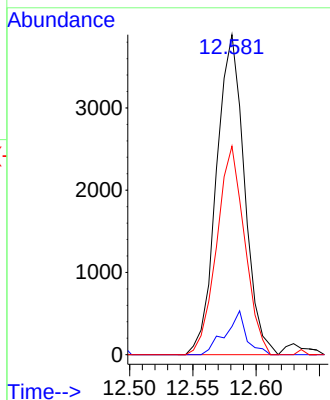
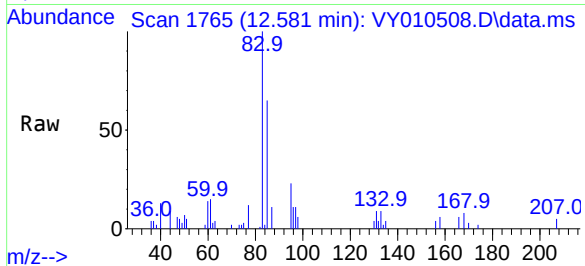




#75
1,1,2-Tetrachloroethane
Concen: 2.717 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

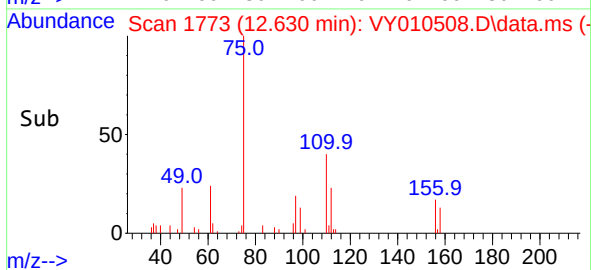
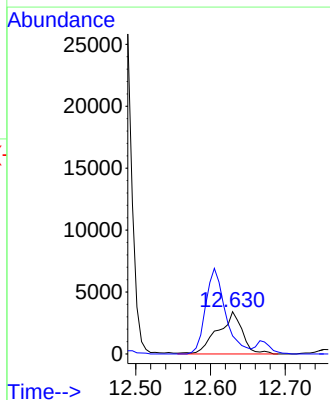
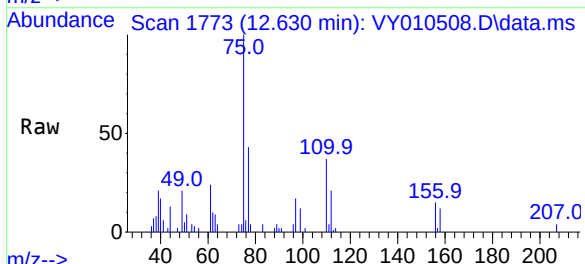
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

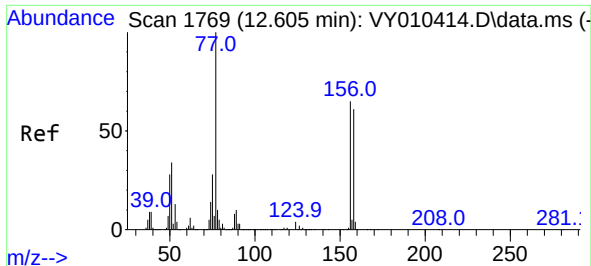
Tgt Ion: 83 Resp: 5976
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 65.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 4.706 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 75 Resp: 7826
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

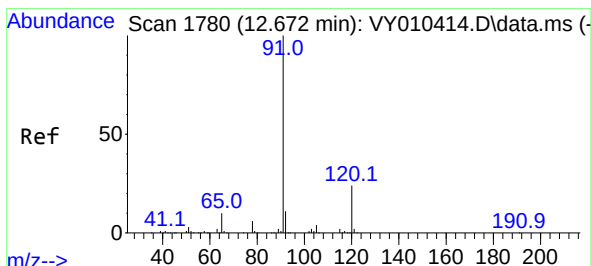
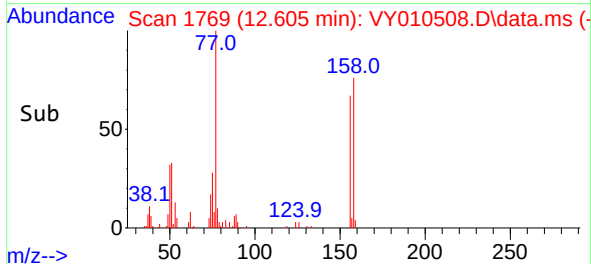
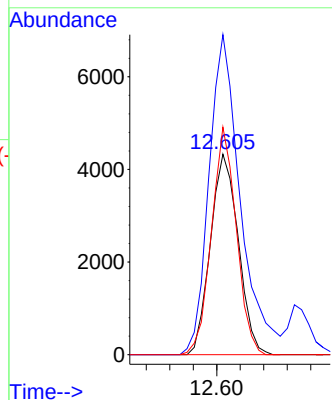
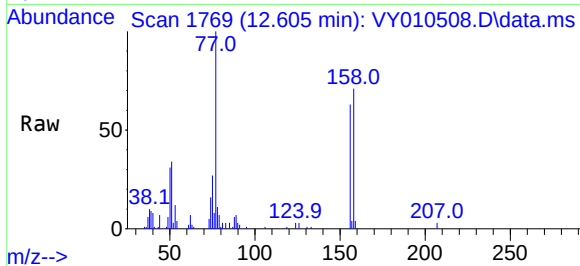




#77
Bromobenzene
Concen: 2.561 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

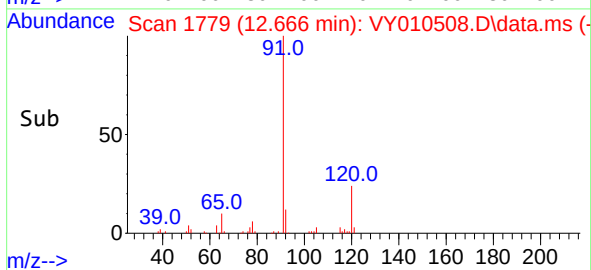
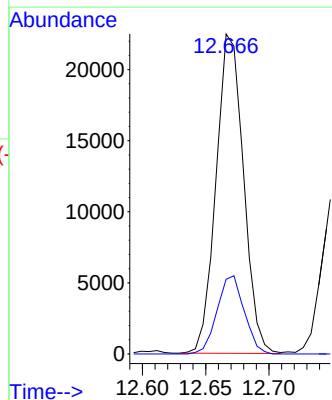
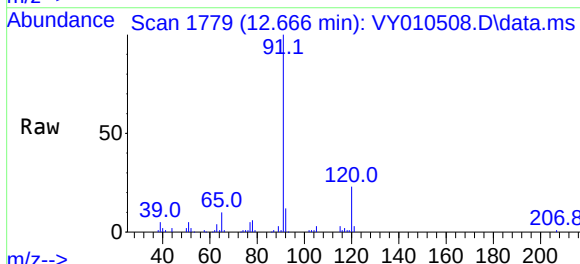
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

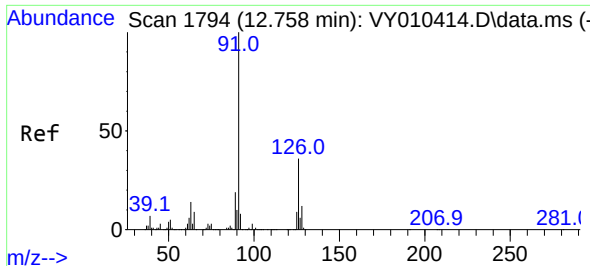
Tgt Ion:	156	Resp:	7134
Ion	Ratio	Lower	Upper
156	100		
77	179.4	95.5	286.4
158	101.2	48.0	144.0



#78
n-propylbenzene
Concen: 2.431 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	91	Resp:	33850
Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.3	33.9

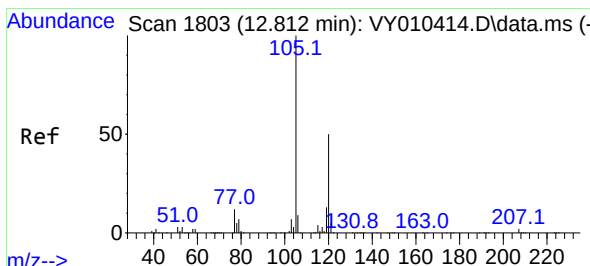
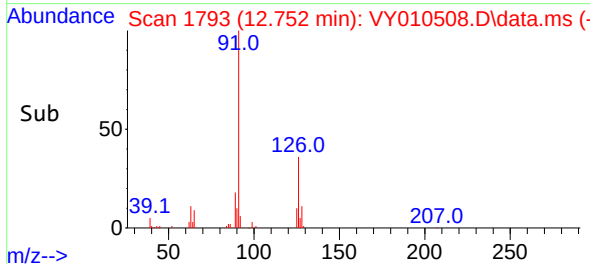
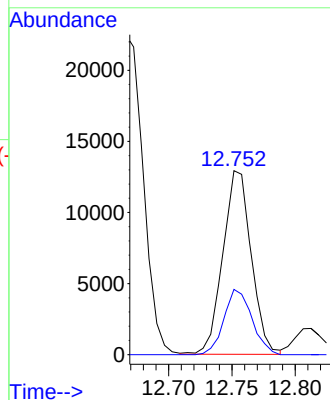
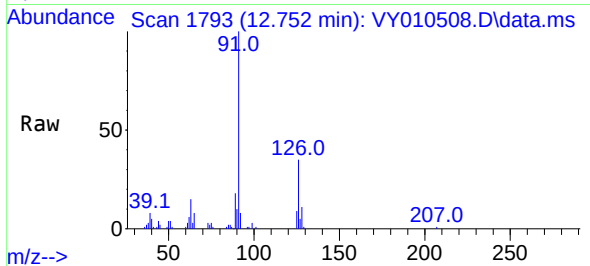




#79
2-Chlorotoluene
Concen: 2.579 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

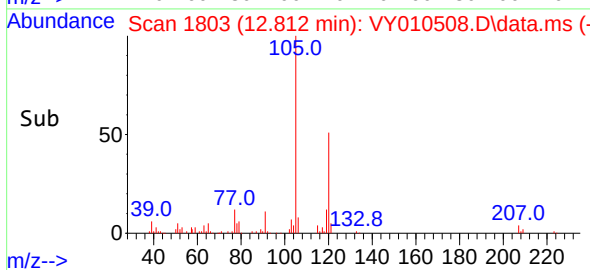
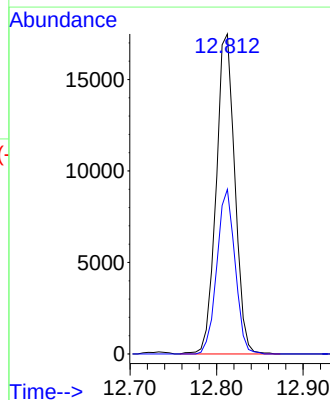
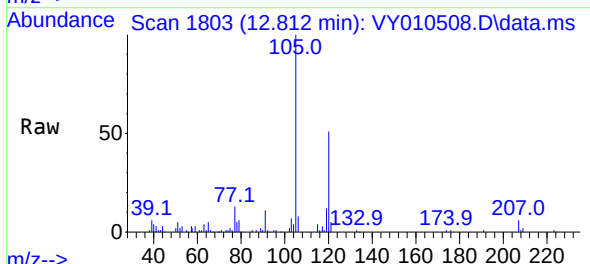
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

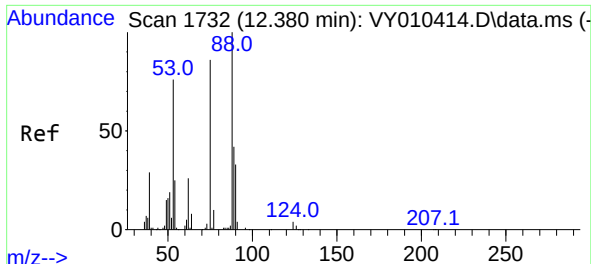
Tgt Ion: 91 Resp: 20169
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.642 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 105 Resp: 26212
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4

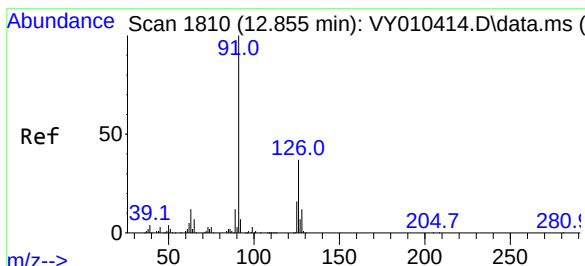
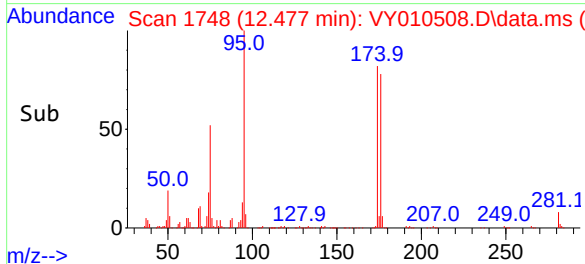
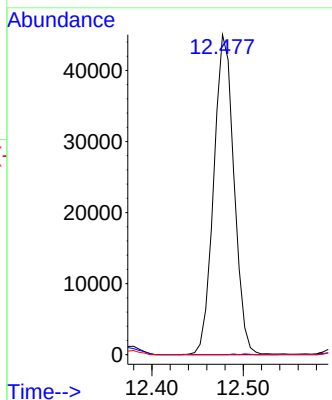
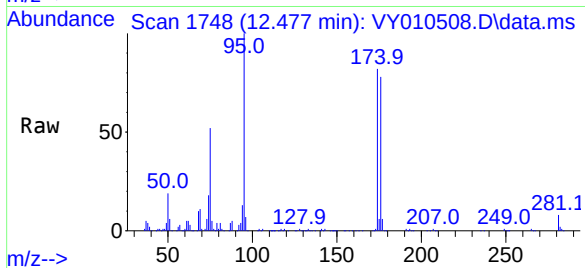




#81
trans-1,4-Dichloro-2-butene
Concen: 92.813 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

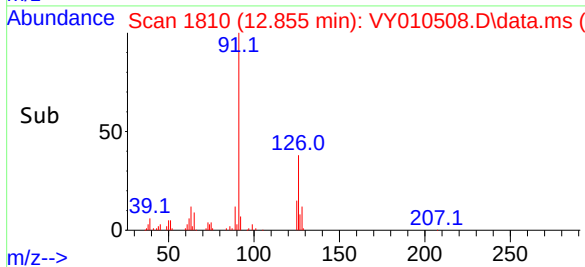
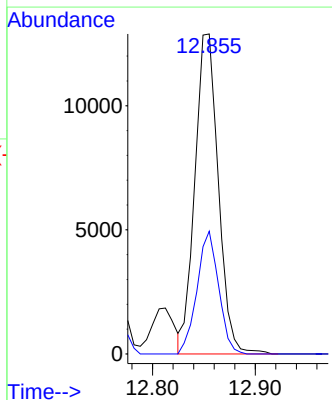
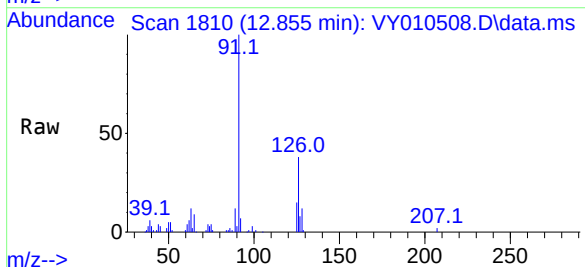
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

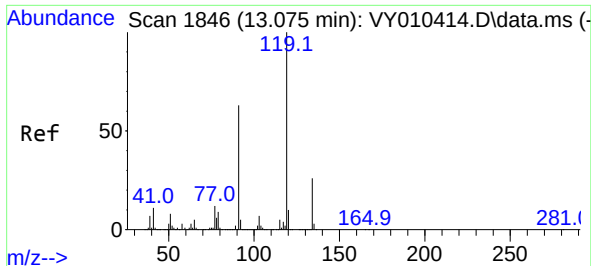
Tgt Ion: 75 Resp: 69518
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.518 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 91 Resp: 20488
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0

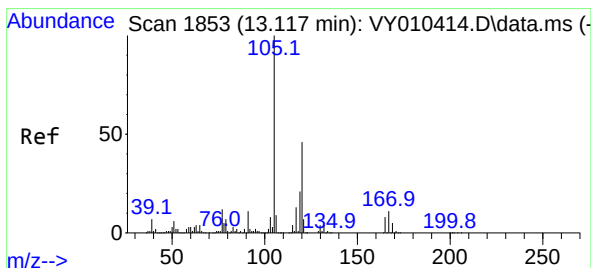
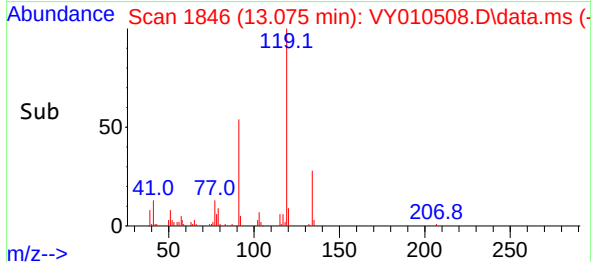
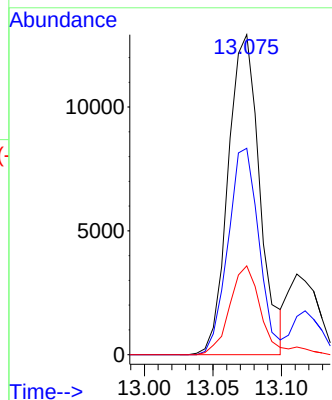
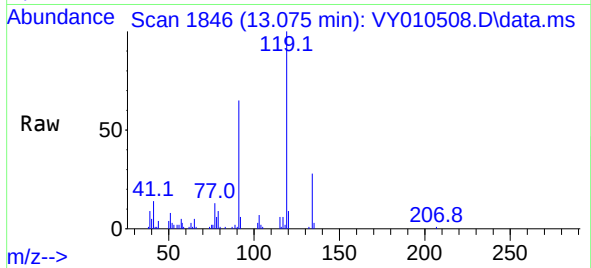




#83
tert-Butylbenzene
Concen: 2.398 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

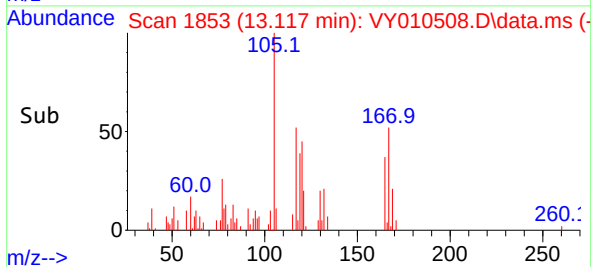
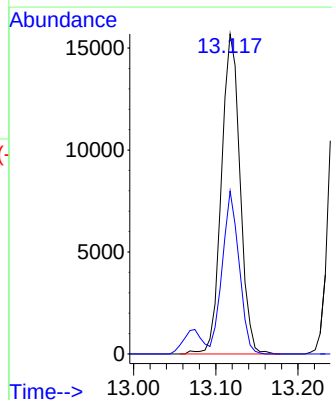
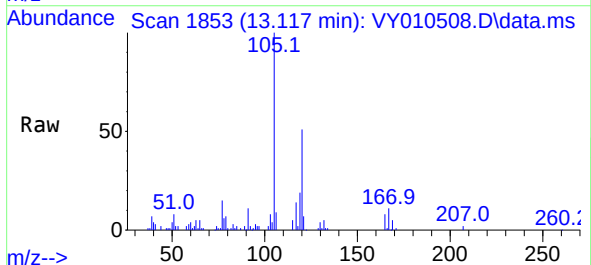
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

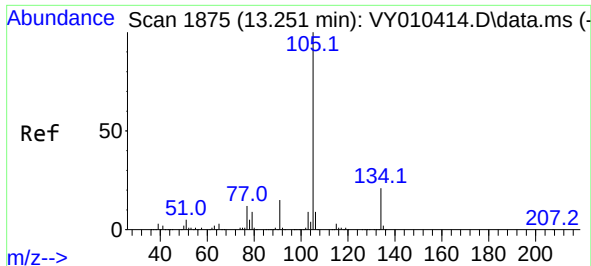
Tgt Ion:119 Resp: 20794
Ion Ratio Lower Upper
119 100
91 63.0 34.8 104.4
134 28.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.545 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:105 Resp: 24705
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9

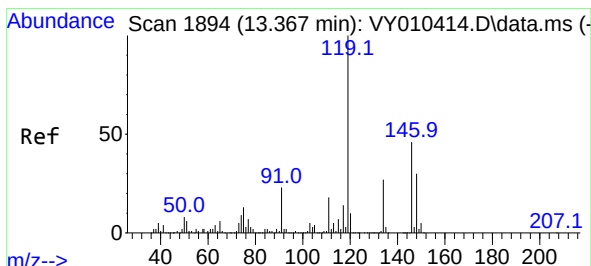
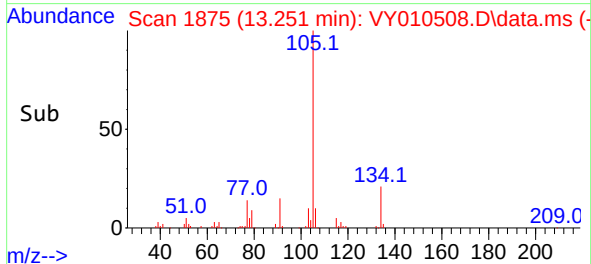
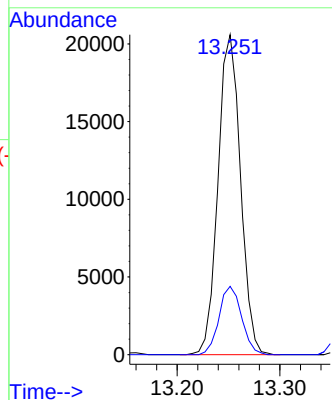
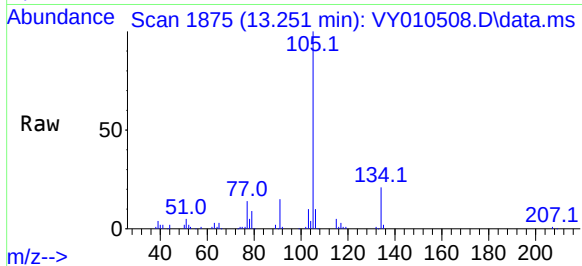




#85
 sec-Butylbenzene
 Concen: 2.431 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010508.D
 Acq: 15 Sep 2022 14:05

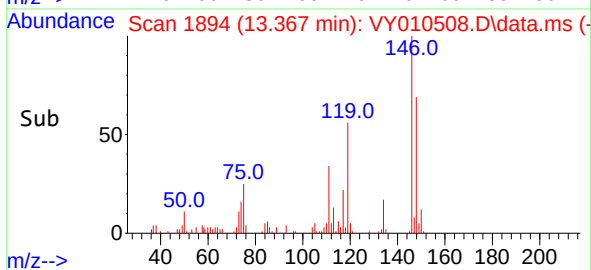
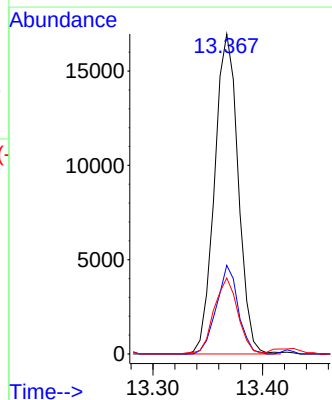
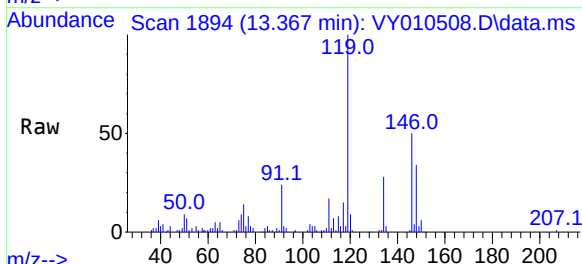
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

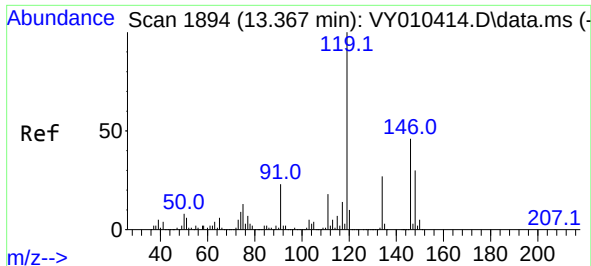
Tgt Ion:105 Resp: 31207
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.344 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010508.D
 Acq: 15 Sep 2022 14:05

Tgt Ion:119 Resp: 25455
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 23.9 12.4 37.2

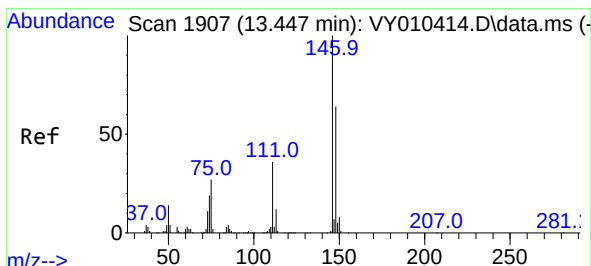
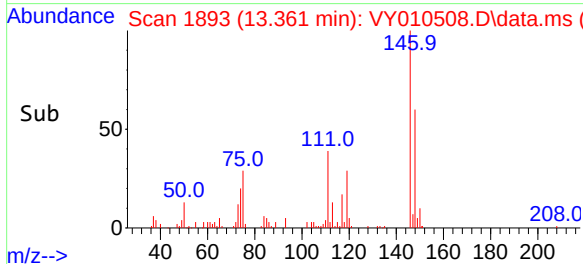
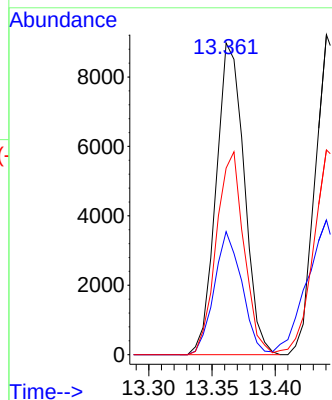
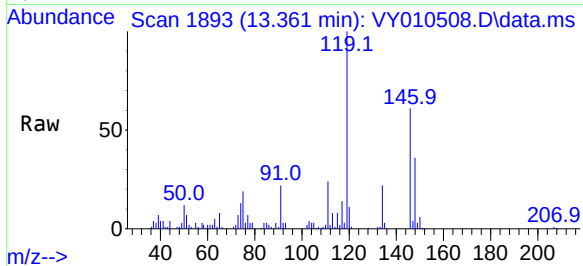




#87
1,3-Dichlorobenzene
Concen: 2.478 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

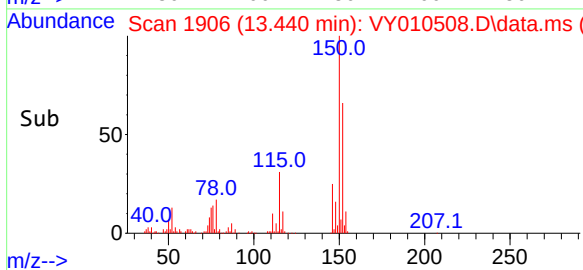
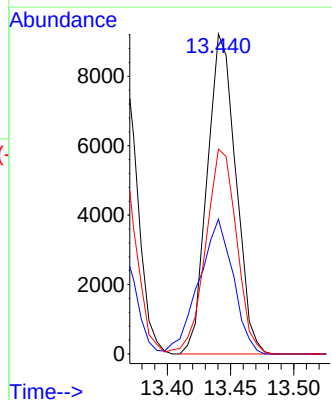
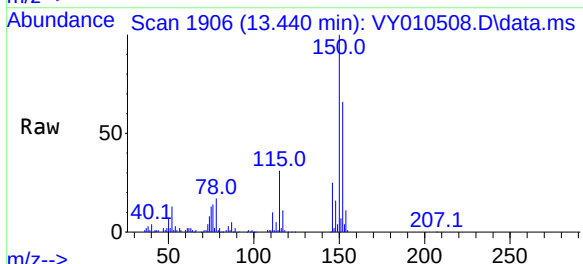
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

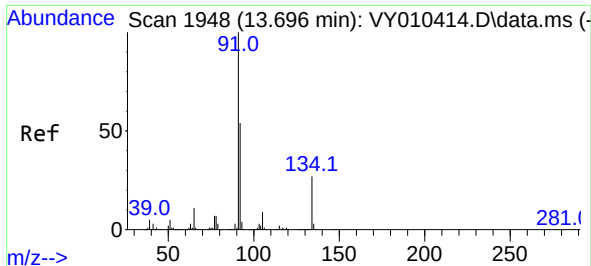
Tgt Ion:	146	Resp:	13861
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	64.1	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 2.616 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	146	Resp:	14494
Ion	Ratio	Lower	Upper
146	100		
111	50.5	19.3	57.8
148	69.3	32.6	97.8

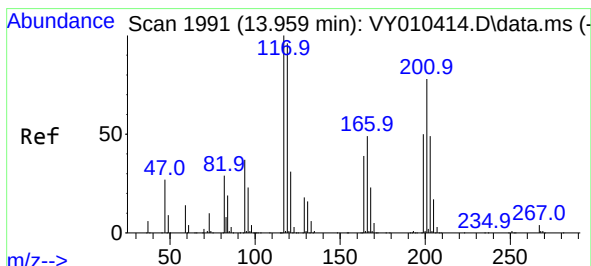
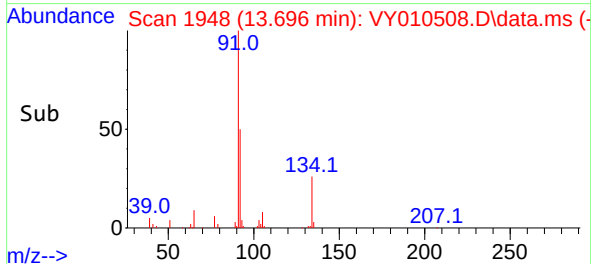
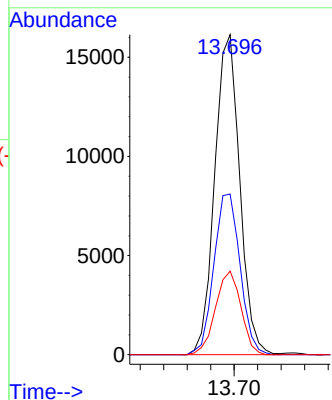
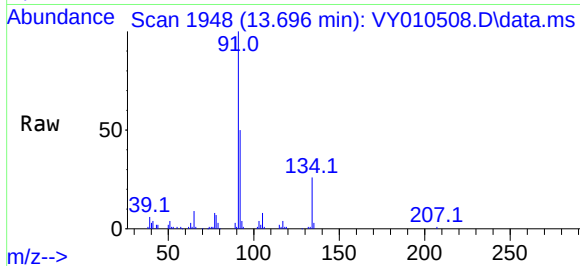




#89
n-Butylbenzene
Concen: 2.425 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

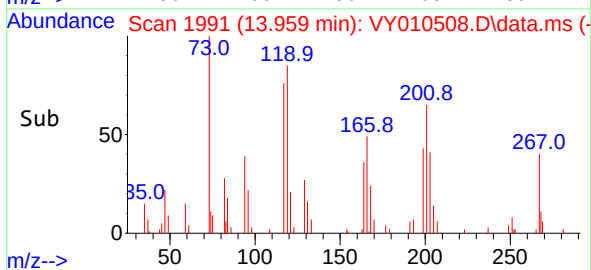
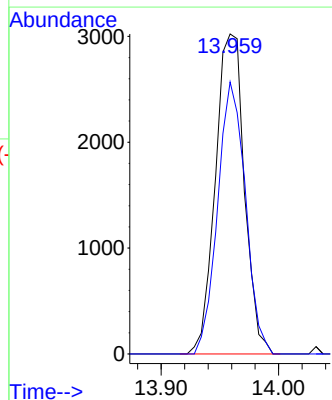
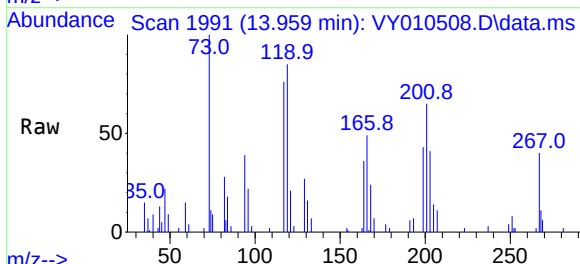
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

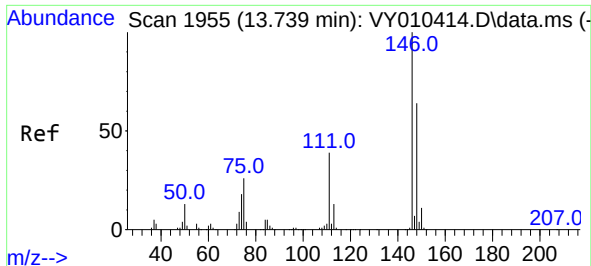
Tgt Ion:	91	Resp:	23908
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	26.5	13.0	38.9



#90
Hexachloroethane
Concen: 2.543 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	117	Resp:	5185
Ion	Ratio	Lower	Upper
117	100		
201	81.4	43.0	128.8

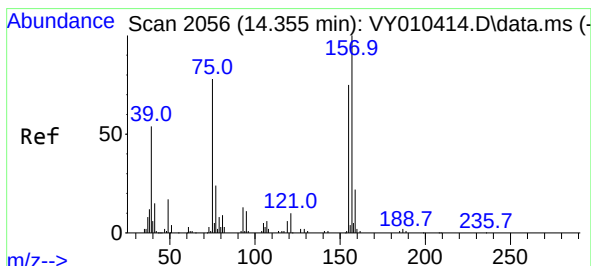
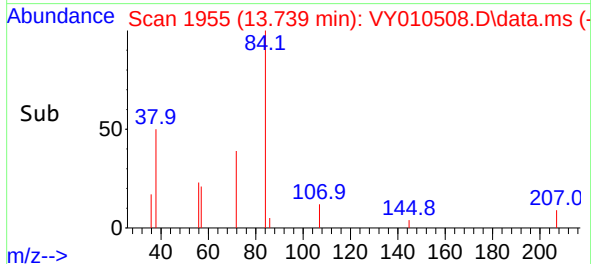
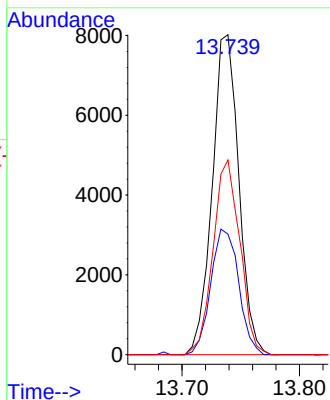
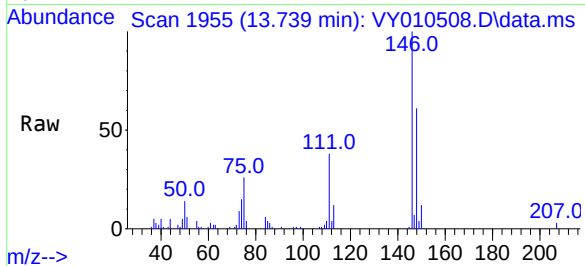




#91
1,2-Dichlorobenzene
Concen: 2.547 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

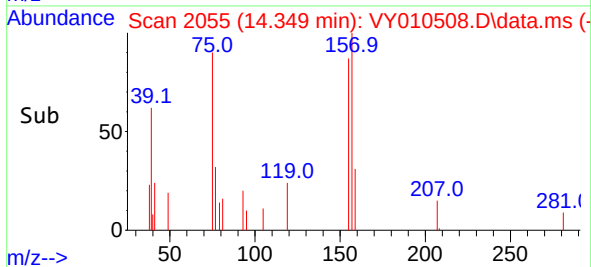
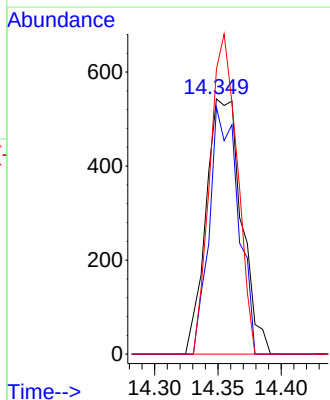
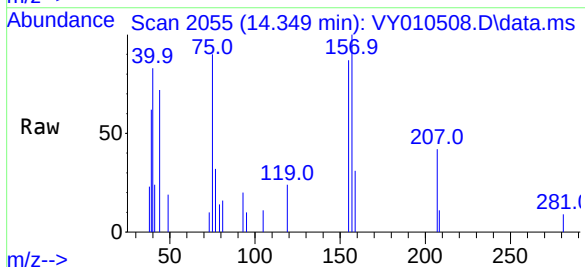
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

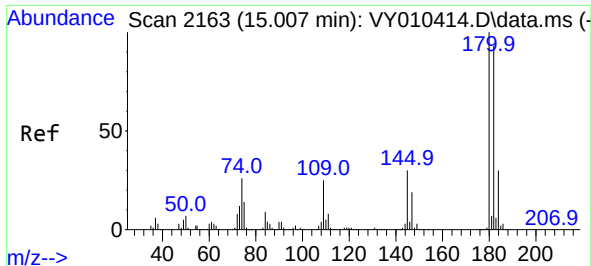
Tgt Ion:	146	Resp:	12619
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.9
148	61.3	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.850 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	75	Resp:	1058
Ion	Ratio	Lower	Upper
75	100		
155	78.5	38.0	113.9
157	96.5	47.8	143.3

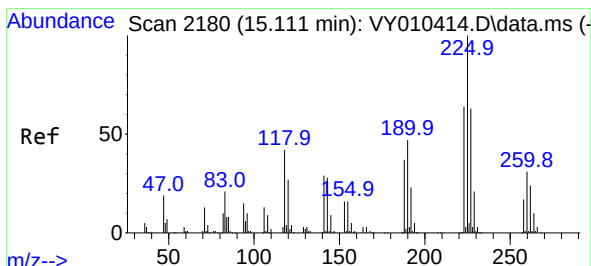
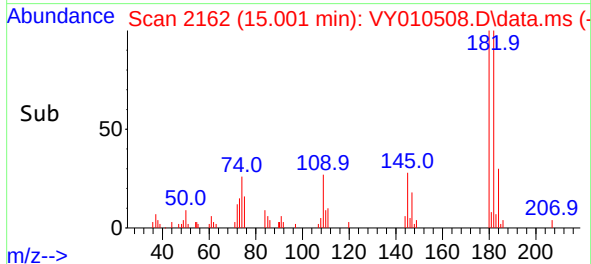
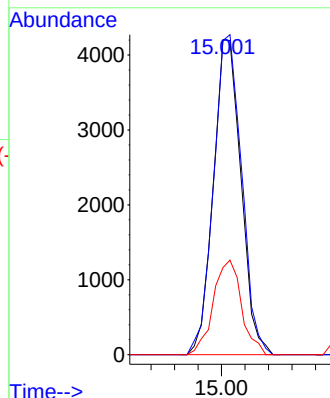
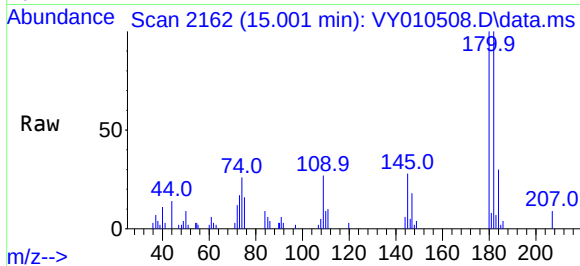




#93
1,2,4-Trichlorobenzene
Concen: 2.232 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

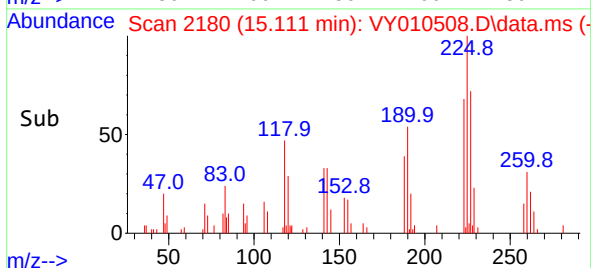
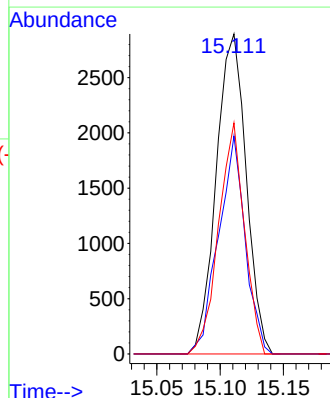
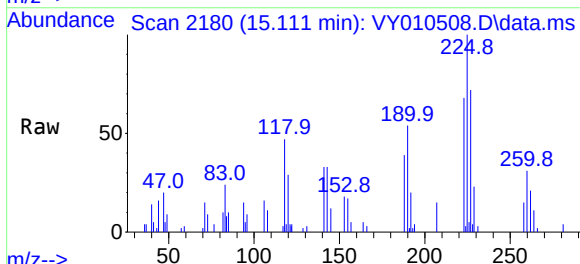
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

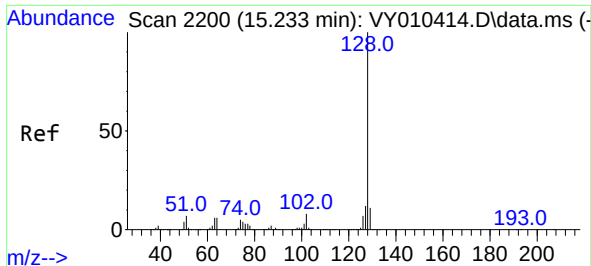
Tgt Ion:180 Resp: 6869
Ion Ratio Lower Upper
180 100
182 102.8 47.3 141.9
145 30.6 14.6 43.8



#94
Hexachlorobutadiene
Concen: 2.568 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:225 Resp: 4769
Ion Ratio Lower Upper
225 100
223 60.7 30.8 92.3
227 62.3 31.6 94.7

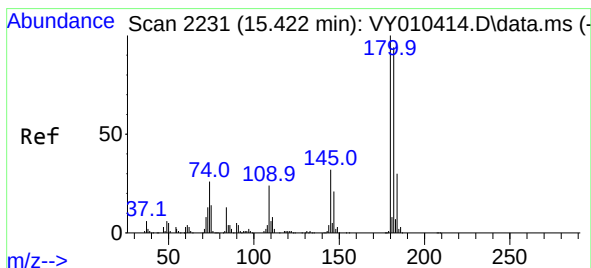
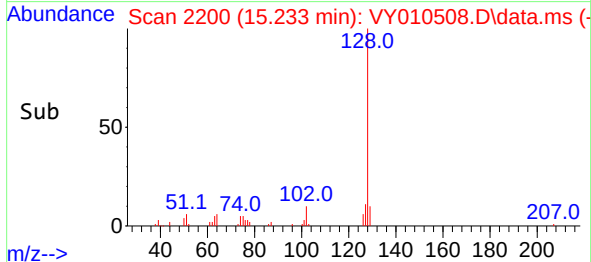
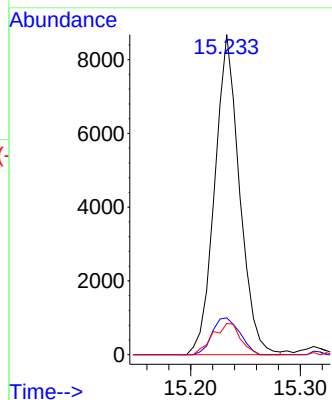
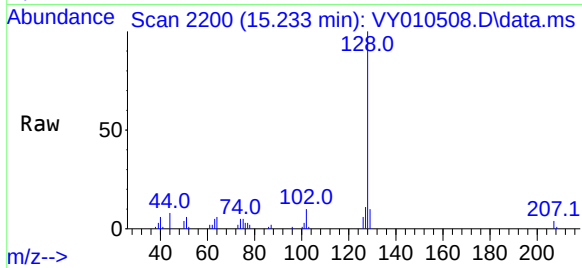




#95
Naphthalene
Concen: 2.251 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

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

Tgt Ion:	128	Resp:	13664
Ion	Ratio	Lower	Upper
128	100		
127	12.8	11.0	16.4
129	10.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.235 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:	180	Resp:	6005
Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.9
145	32.6	15.3	45.9

