

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101221\
 Data File : VY006374.D
 Acq On : 12 Oct 2021 12:18
 Operator : SY/MD
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Quant Time: Oct 13 08:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 08:03:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	137138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73470	50.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.120%	
35) Dibromofluoromethane	7.722	113	54577	48.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.720%	
50) Toluene-d8	10.185	98	227446	48.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.483	95	74492	46.430	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	3174	2.282	ug/l	93
3) Chloromethane	2.119	50	4310	2.660	ug/l	99
4) Vinyl Chloride	2.259	62	5127	2.855	ug/l	96
5) Bromomethane	2.662	94	4161	3.566	ug/l	99
6) Chloroethane	2.802	64	2858	2.705	ug/l	97
7) Trichlorofluoromethane	3.137	101	6377	2.696	ug/l	93
8) Diethyl Ether	3.540	74	2011	2.574	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	3174	2.514	ug/l	96
10) Methyl Iodide	4.094	142	2737	1.989	ug/l #	37
11) Tert butyl alcohol	4.960	59	1749	13.622	ug/l #	77
12) 1,1-Dichloroethene	3.887	96	3403	2.649	ug/l #	74
13) Acrolein	3.735	56	909	11.118	ug/l	97
14) Allyl chloride	4.491	41	5948	2.408	ug/l	97
15) Acrylonitrile	5.167	53	4812	11.711	ug/l	94
16) Acetone	3.960	43	5132	12.519	ug/l	96
17) Carbon Disulfide	4.204	76	10571	2.461	ug/l	96
18) Methyl Acetate	4.491	43	3657	2.645	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	8950	2.386	ug/l	98
20) Methylene Chloride	4.722	84	7343	4.602	ug/l #	80
21) trans-1,2-Dichloroethene	5.228	96	3499	2.457	ug/l	93
22) Diisopropyl ether	6.125	45	10846	2.220	ug/l	97
23) Vinyl Acetate	6.076	43	31031	10.594	ug/l	99
24) 1,1-Dichloroethane	6.027	63	6534	2.491	ug/l #	90
25) 2-Butanone	6.996	43	6240	10.927	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	6095	2.541	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	4001	2.509	ug/l	96
28) Bromochloromethane	7.338	49	3034	2.778	ug/l #	90
29) Tetrahydrofuran	7.356	42	4164	11.544	ug/l	97
30) Chloroform	7.515	83	7051	2.694	ug/l	95
31) Cyclohexane	7.789	56	9094	3.270	ug/l #	77
32) 1,1,1-Trichloroethane	7.704	97	6104	2.526	ug/l	95
36) 1,1-Dichloropropene	7.929	75	5359	2.550	ug/l	99
37) Ethyl Acetate	7.082	43	2853	2.330	ug/l	97
38) Carbon Tetrachloride	7.911	117	5824	2.625	ug/l	95
39) Methylcyclohexane	9.185	83	6044	2.290	ug/l	92
40) Benzene	8.167	78	14901	2.499	ug/l #	88

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	1708m	2.151	ug/l	
42) 1,2-Dichloroethane	8.246	62	4996	2.601	ug/l	98
43) Isopropyl Acetate	8.277	43	5590	2.381	ug/l #	87
44) Trichloroethene	8.947	130	3947	2.563	ug/l	100
45) 1,2-Dichloropropane	9.222	63	3544	2.414	ug/l #	86
46) Dibromomethane	9.307	93	1904	2.436	ug/l	94
47) Bromodichloromethane	9.496	83	5165	2.567	ug/l	97
48) Methyl methacrylate	9.295	41	2539	2.254	ug/l	98
49) 1,4-Dioxane	9.307	88	368	36.089	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	13032	10.689	ug/l	99
52) Toluene	10.246	92	9202	2.488	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	5238	2.387	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	5653	2.344	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	2742	2.493	ug/l	94
56) Ethyl methacrylate	10.508	69	3638	2.176	ug/l	94
57) 1,3-Dichloropropane	10.794	76	4686	2.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	11260	13.748	ug/l	98
59) 2-Hexanone	10.837	43	8810	10.146	ug/l	96
60) Dibromochloromethane	10.983	129	3239	2.424	ug/l	96
61) 1,2-Dibromoethane	11.093	107	2406	2.311	ug/l	94
64) Tetrachloroethene	10.721	164	4644	2.936	ug/l	91
65) Chlorobenzene	11.520	112	9744	2.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	3726	2.598	ug/l	94
67) Ethyl Benzene	11.593	91	16844	2.296	ug/l	92
68) m/p-Xylenes	11.703	106	13278	4.770	ug/l	91
69) o-Xylene	12.032	106	5959	2.267	ug/l	98
70) Styrene	12.044	104	9973	2.234	ug/l	98
71) Bromoform	12.209	173	2158	2.420	ug/l #	99
73) Isopropylbenzene	12.331	105	16545	2.339	ug/l	97
74) N-amyl acetate	12.142	43	4299	1.958	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	2843	2.225	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	2495m	2.599	ug/l	
77) Bromobenzene	12.611	156	4172	2.515	ug/l	92
78) n-propylbenzene	12.672	91	20411	2.344	ug/l	99
79) 2-Chlorotoluene	12.757	91	11008	2.285	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	13657	2.309	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	1133m	2.320	ug/l	
82) 4-Chlorotoluene	12.855	91	11810	2.370	ug/l	97
83) tert-Butylbenzene	13.075	119	11399	2.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	13143	2.250	ug/l	97
85) sec-Butylbenzene	13.251	105	17778	2.326	ug/l	98
86) p-Isopropyltoluene	13.367	119	14291	2.216	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	8304	2.527	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	8651	2.670	ug/l	88
89) n-Butylbenzene	13.696	91	14208	2.319	ug/l	98
90) Hexachloroethane	13.965	117	2895	2.472	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	7345	2.556	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	622	2.556	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	4813	2.535	ug/l	98
94) Hexachlorobutadiene	15.111	225	3579	2.889	ug/l	97
95) Naphthalene	15.233	128	8517	2.258	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	4312	2.562	ug/l	99

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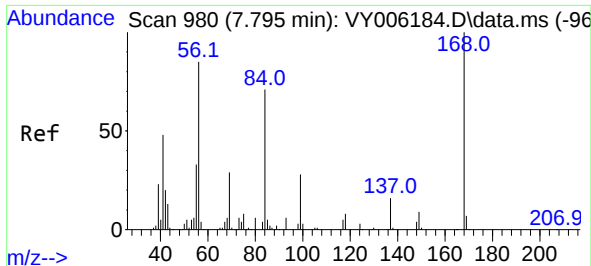
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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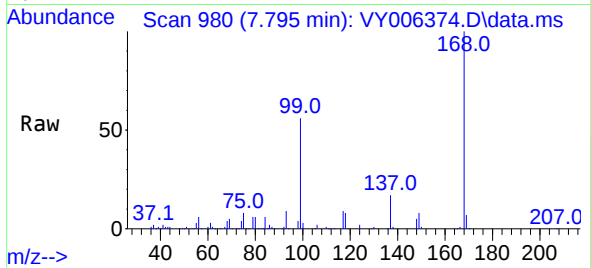
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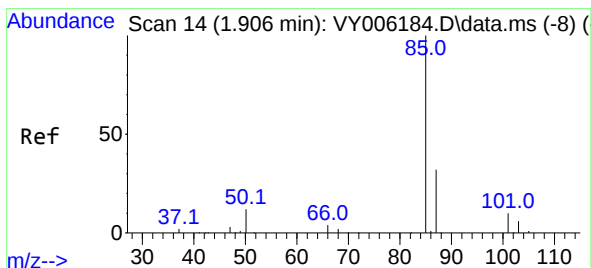
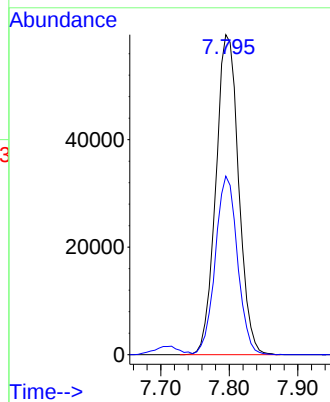
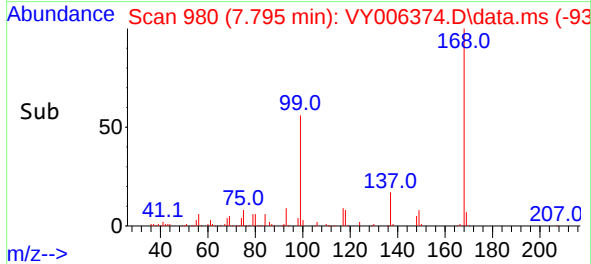
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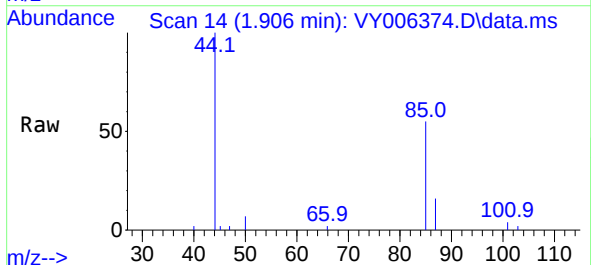
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006374.D
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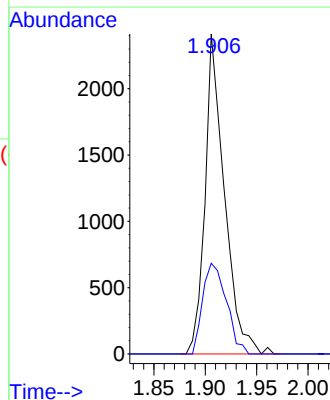
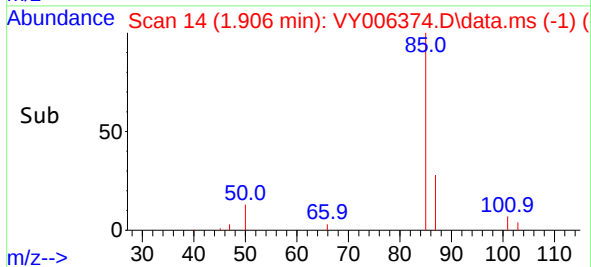
Tgt Ion: 168 Resp: 137138
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.282 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006374.D
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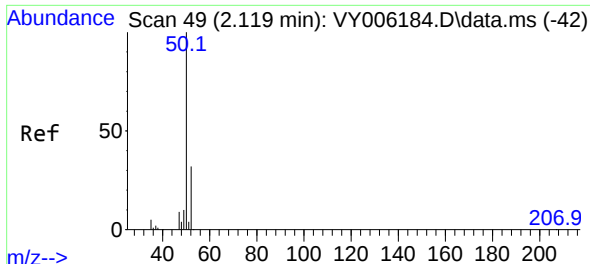
Tgt Ion: 85 Resp: 3174
Ion Ratio Lower Upper
85 100
87 28.3 16.1 48.2



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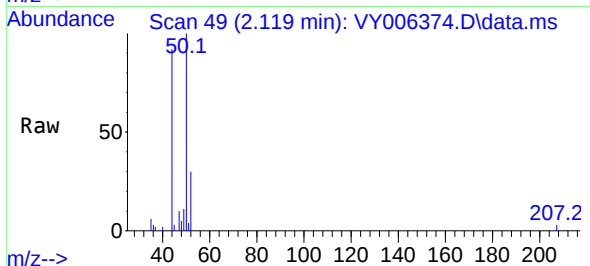
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#3
Chloromethane
Concen: 2.660 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

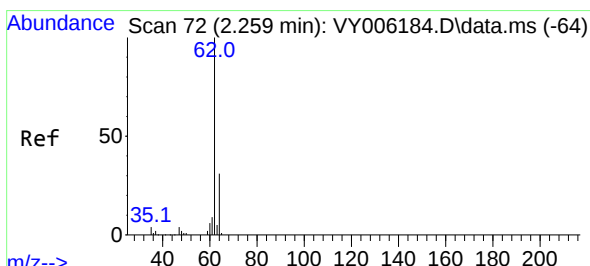
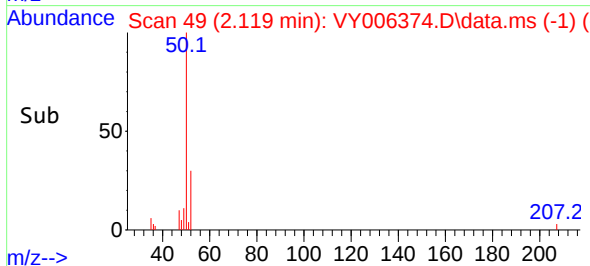
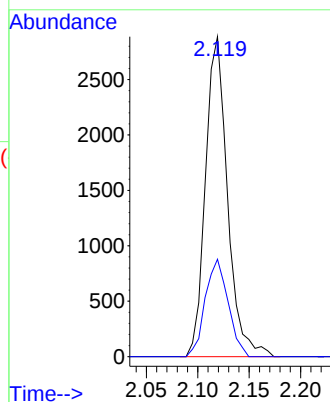
Instrument :
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Tgt Ion: 50 Resp: 4310
Ion Ratio Lower Upper
50 100
52 30.4 24.6 37.0

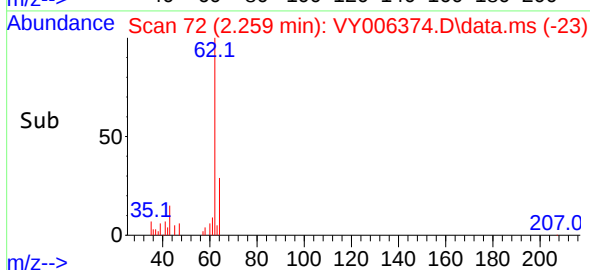
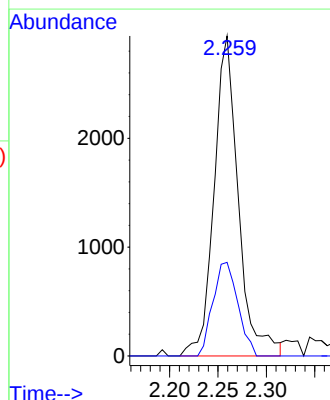
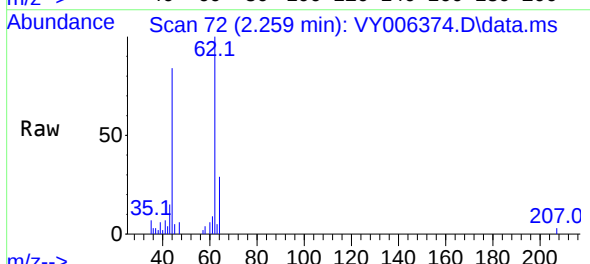
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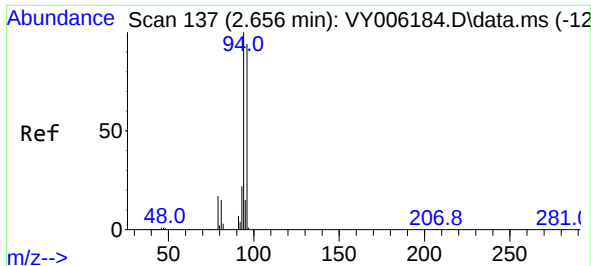
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#4
Vinyl Chloride
Concen: 2.855 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

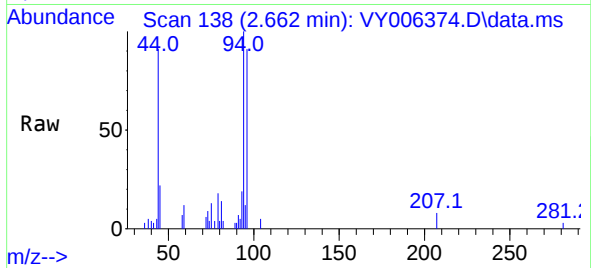
Tgt Ion: 62 Resp: 5127
Ion Ratio Lower Upper
62 100
64 29.3 25.0 37.6





#5
Bromomethane
Concen: 3.566 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

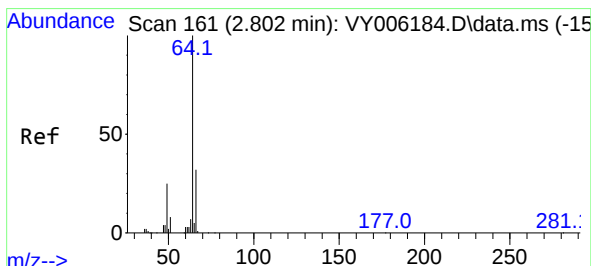
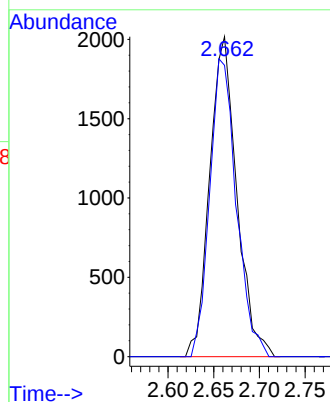
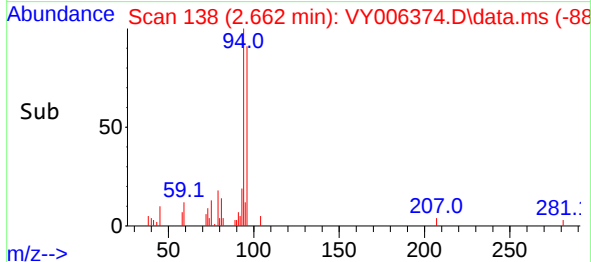
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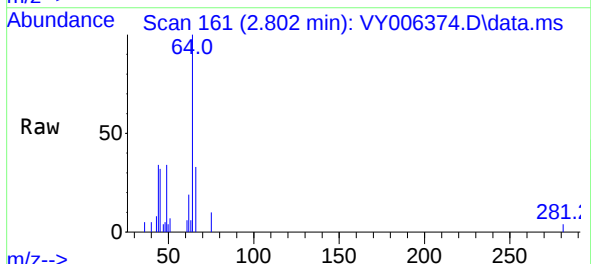
Tgt Ion: 94 Resp: 4161
Ion Ratio Lower Upper
94 100
96 91.0 73.5 110.3

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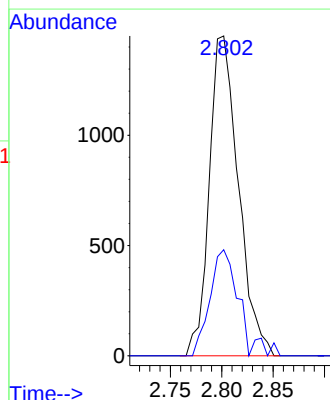
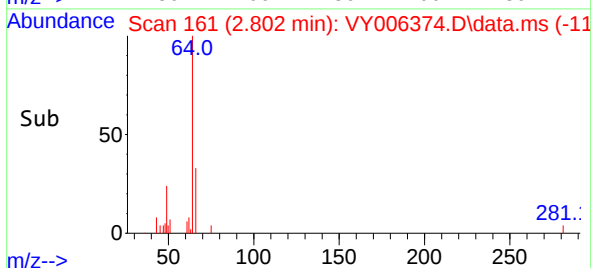
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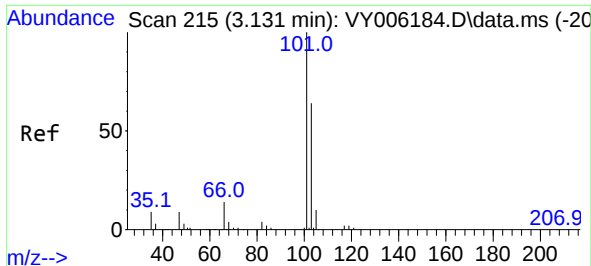


#6
Chloroethane
Concen: 2.705 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006374.D
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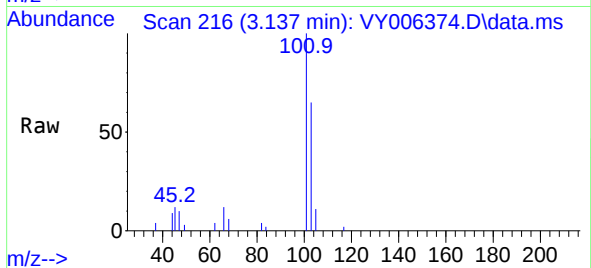
Tgt Ion: 64 Resp: 2858
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.0





#7
Trichlorofluoromethane
Concen: 2.696 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006374.D
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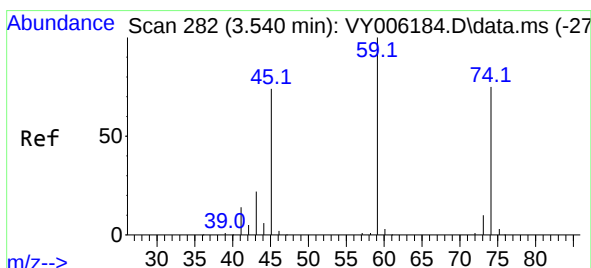
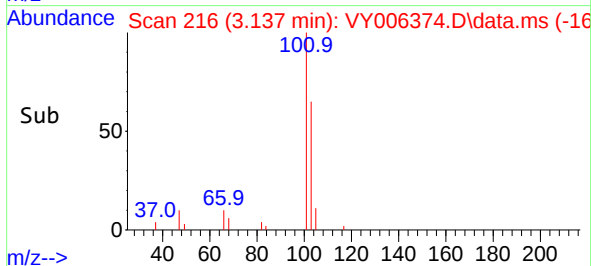
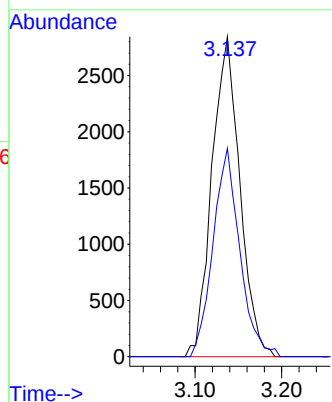
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Tgt Ion:101 Resp: 6377
Ion Ratio Lower Upper
101 100
103 65.1 48.0 72.0

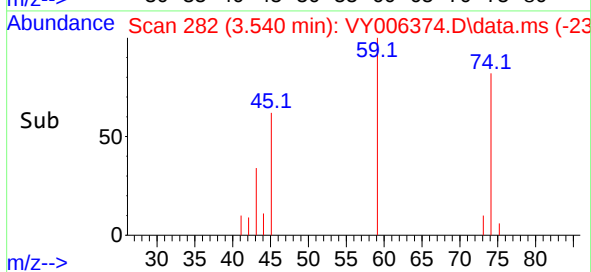
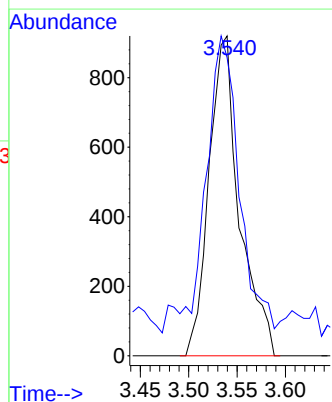
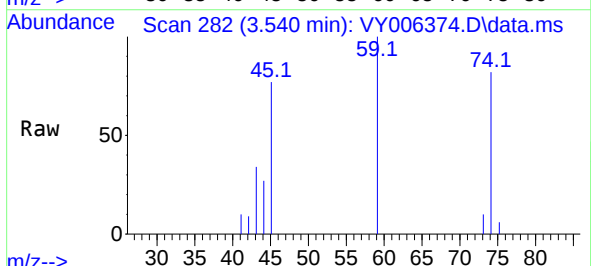
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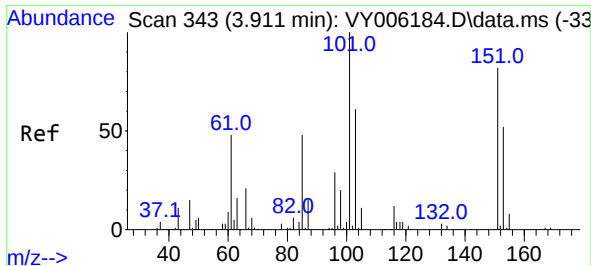
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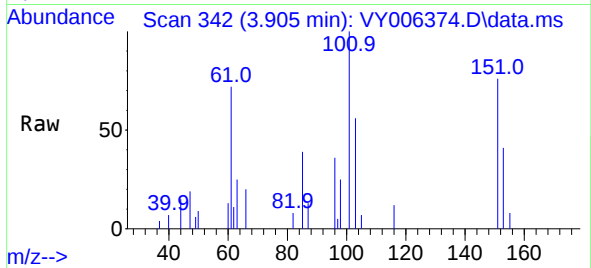
#8
Diethyl Ether
Concen: 2.574 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 2011
Ion Ratio Lower Upper
74 100
45 103.9 55.1 165.5

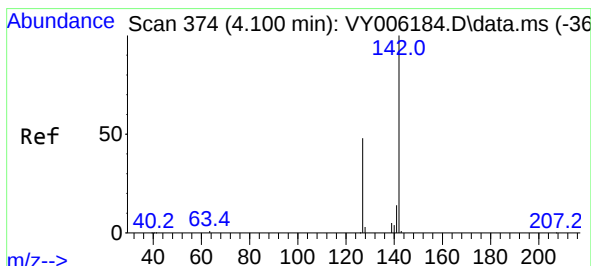
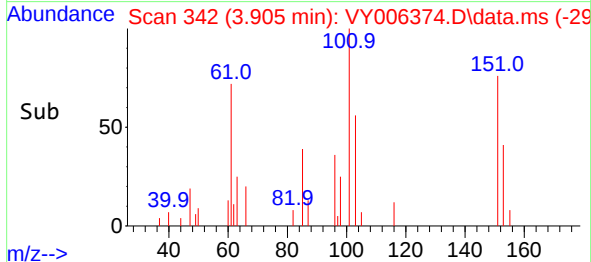
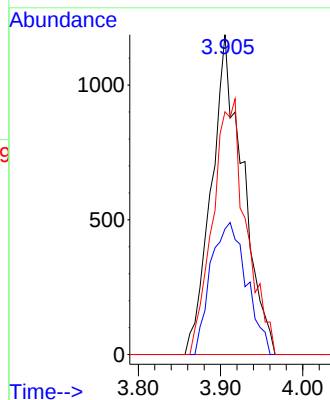




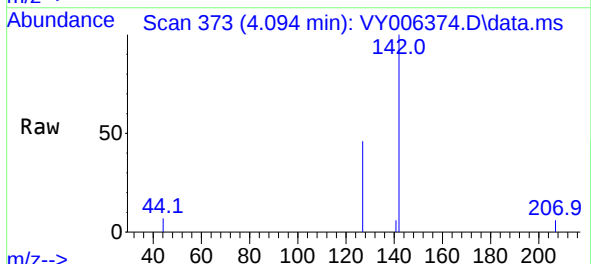
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.514 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



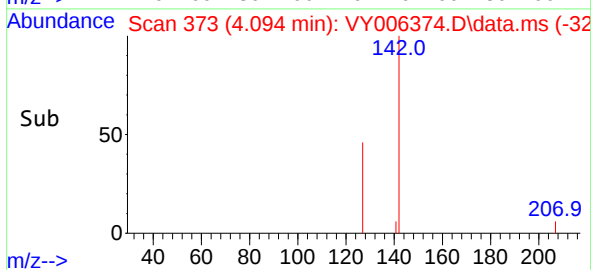
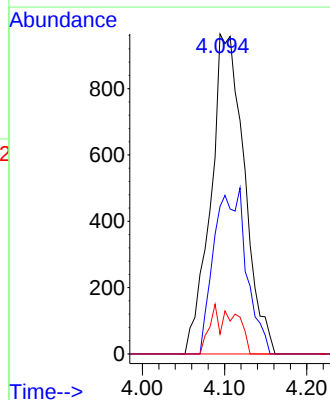
Tgt Ion:101 Resp: 3174
Ion Ratio Lower Upper
101 100
85 46.7 40.6 60.8
151 84.2 64.9 97.3



#10
Methyl Iodide
Concen: 1.989 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



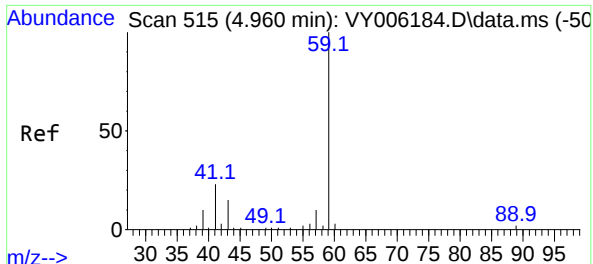
Tgt Ion:142 Resp: 2737
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 4.6 11.9 17.9#



Instrument :
MSVOA_Y
ClientSampleId :
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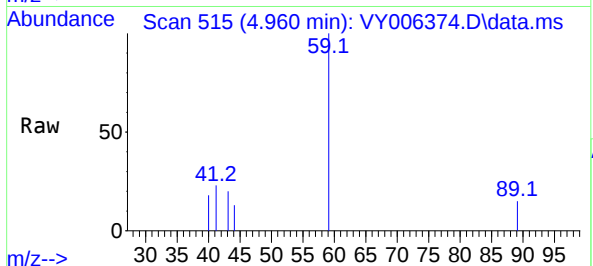
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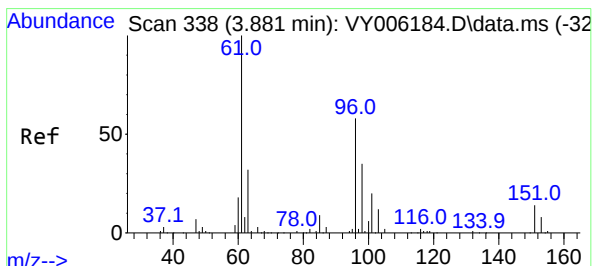
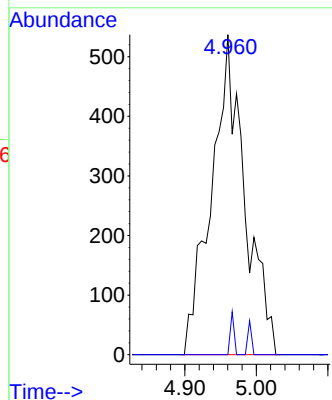
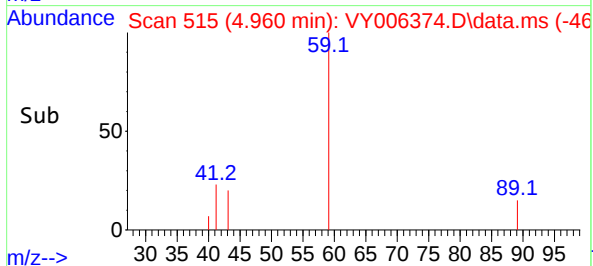


#11
Tert butyl alcohol
Concen: 13.622 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

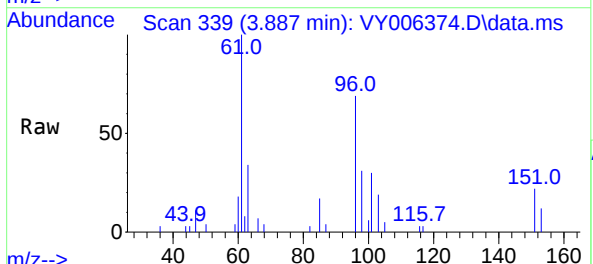
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



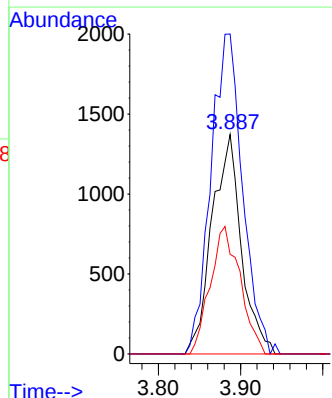
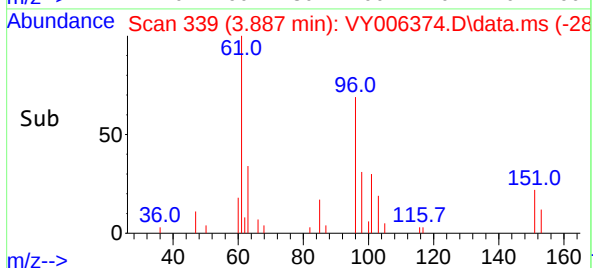
Tgt Ion: 59 Resp: 1749
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

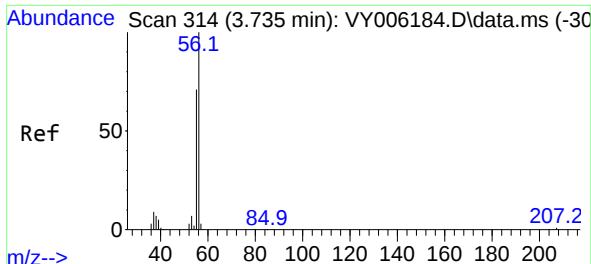


#12
1,1-Dichloroethene
Concen: 2.649 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



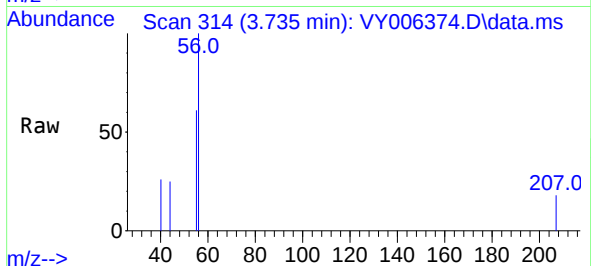
Tgt Ion: 96 Resp: 3403
Ion Ratio Lower Upper
96 100
61 145.7 145.8 218.6#
98 45.4 52.5 78.7#





#13
Acrolein
Concen: 11.118 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

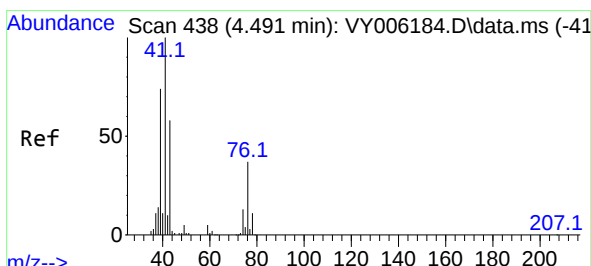
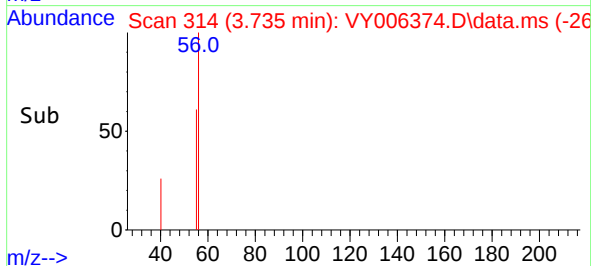
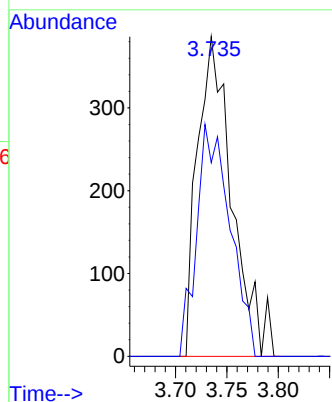
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 56 Resp: 909
Ion Ratio Lower Upper
56 100
55 69.6 57.6 86.4

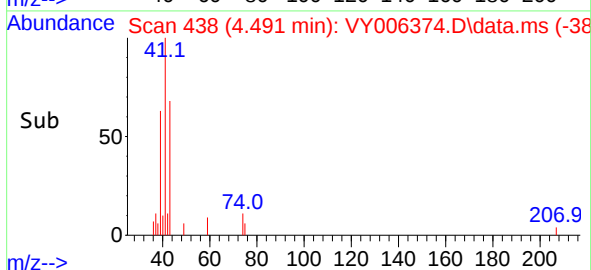
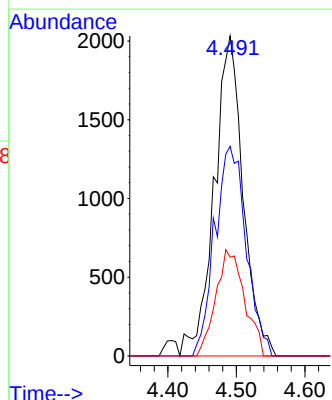
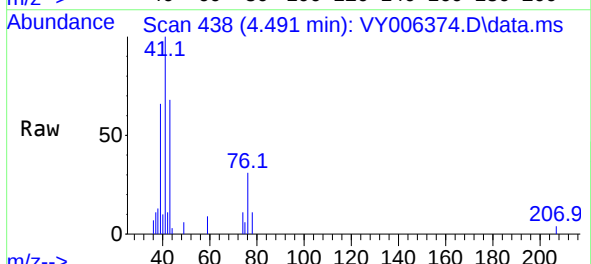
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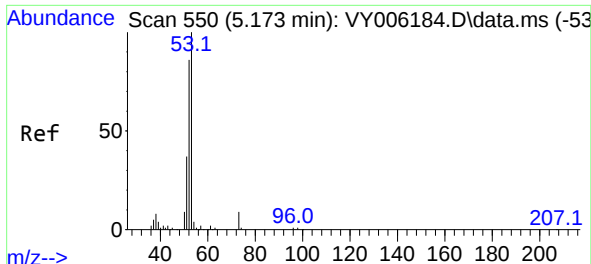
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#14
Allyl chloride
Concen: 2.408 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

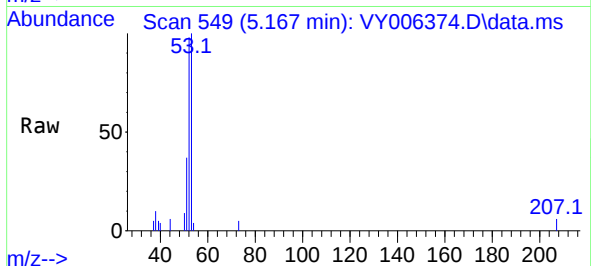
Tgt Ion: 41 Resp: 5948
Ion Ratio Lower Upper
41 100
39 70.9 58.8 88.2
76 32.9 25.1 37.7





#15
Acrylonitrile
Concen: 11.711 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

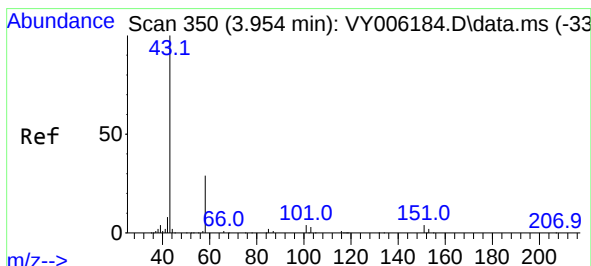
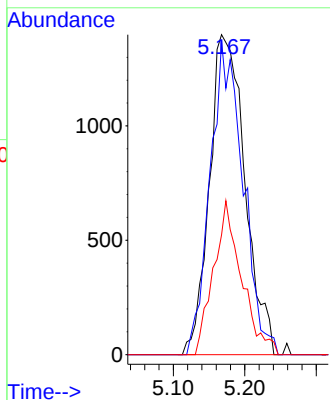
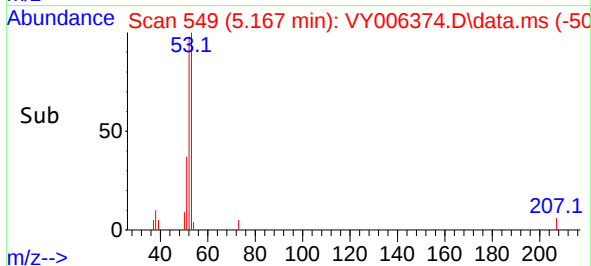


Tgt Ion: 53 Resp: 4812

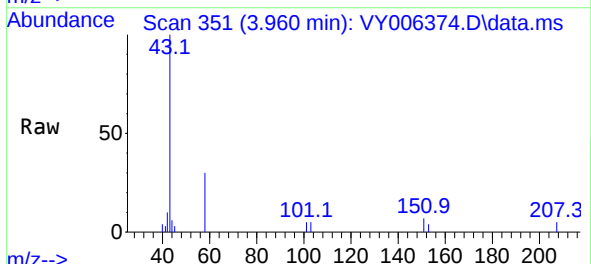
Ion	Ratio	Lower	Upper
53	100		
52	90.8	67.0	100.4
51	38.1	29.8	44.6

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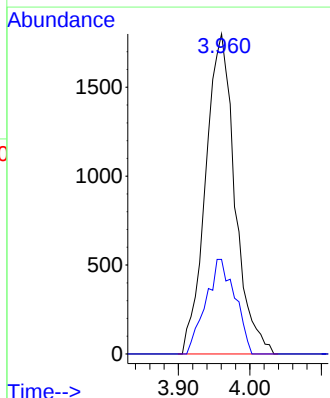
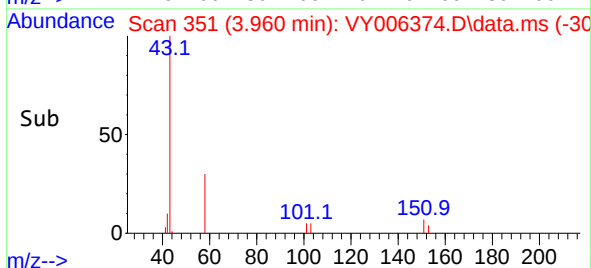


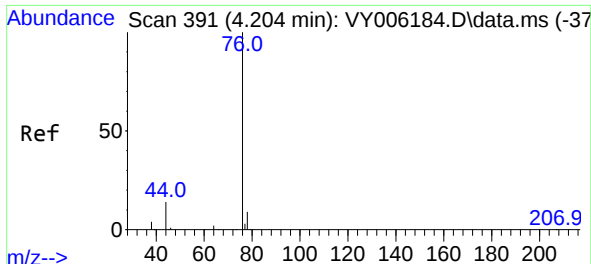
#16
Acetone
Concen: 12.519 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



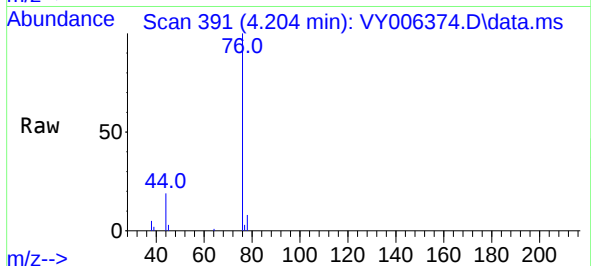
Tgt Ion: 43 Resp: 5132

Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.0	33.0

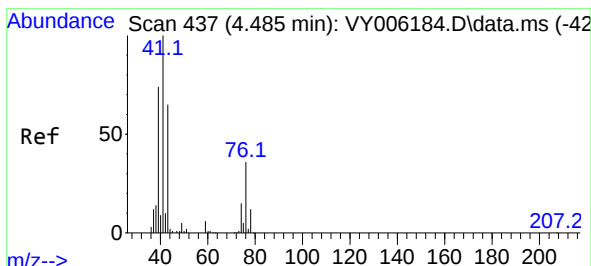
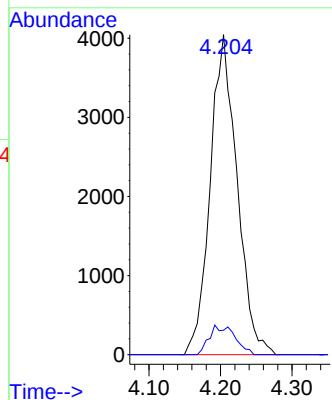
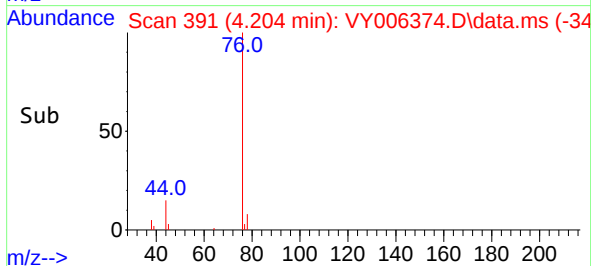




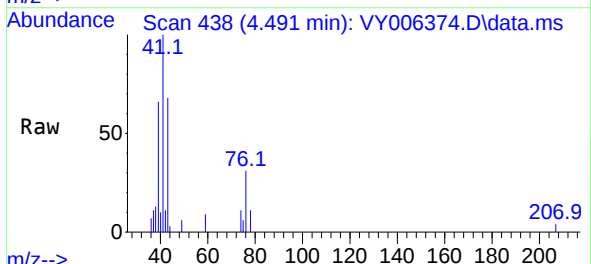
#17
Carbon Disulfide
Concen: 2.461 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



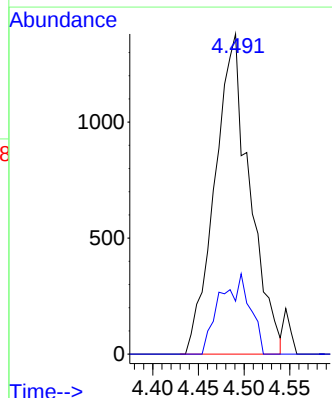
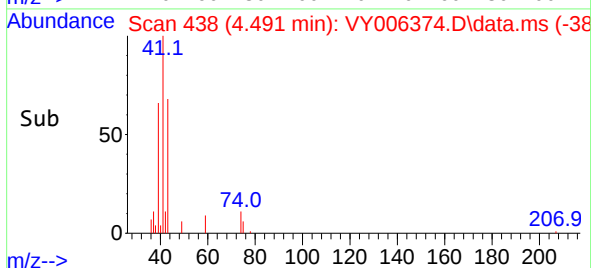
Tgt Ion: 76 Resp: 10571
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0



#18
Methyl Acetate
Concen: 2.645 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



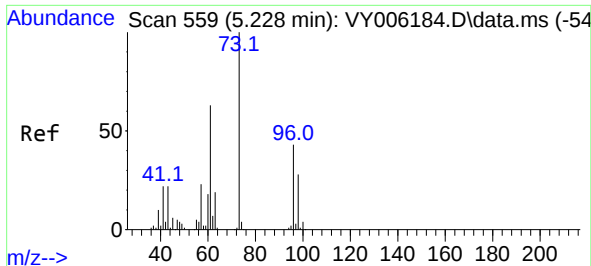
Tgt Ion: 43 Resp: 3657
Ion Ratio Lower Upper
43 100
74 21.6 16.6 24.8



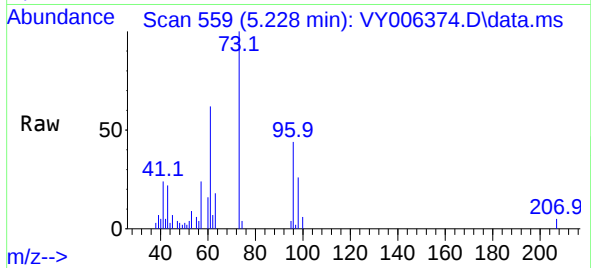
Instrument :
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ClientSampleId :
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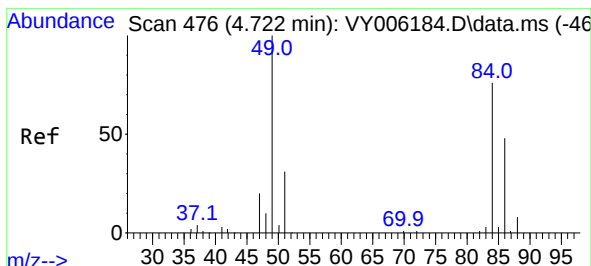
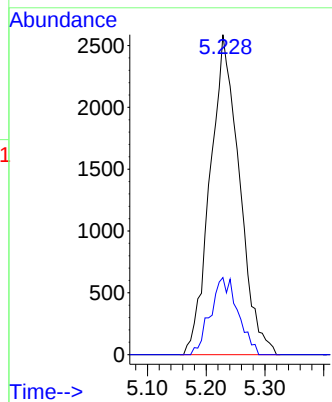
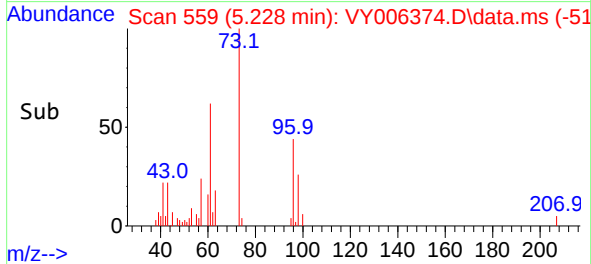
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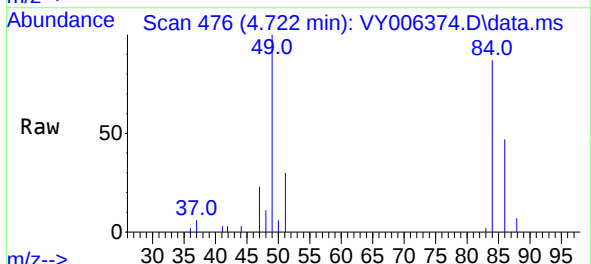
#19
Methyl tert-butyl Ether
Concen: 2.386 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



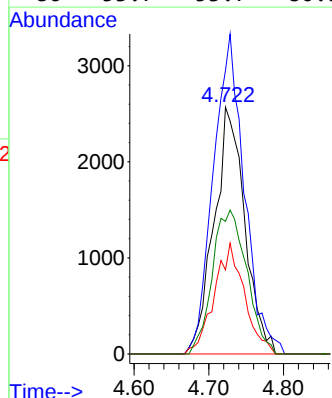
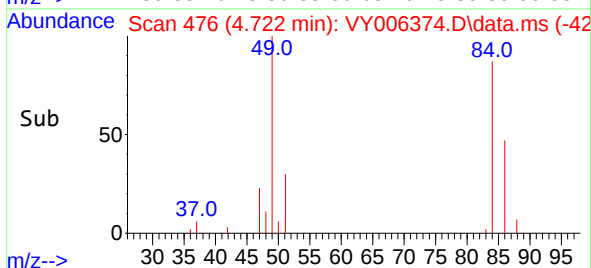
Tgt Ion: 73 Resp: 8950
Ion Ratio Lower Upper
73 100
57 24.1 18.6 27.8



#20
Methylene Chloride
Concen: 4.602 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



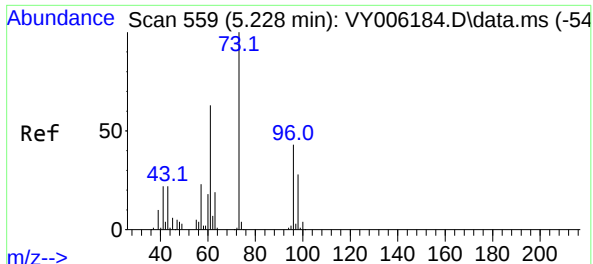
Tgt Ion: 84 Resp: 7343
Ion Ratio Lower Upper
84 100
49 114.8 114.4 171.6
51 34.0 35.3 52.9#
86 53.7 53.7 80.5



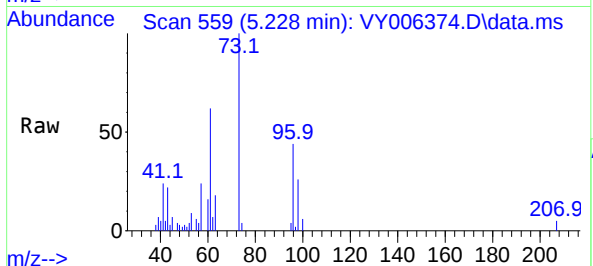
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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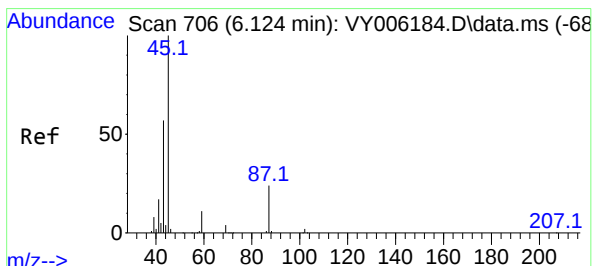
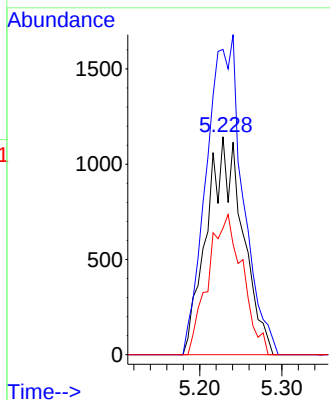
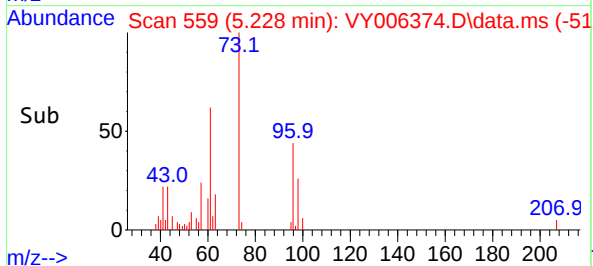
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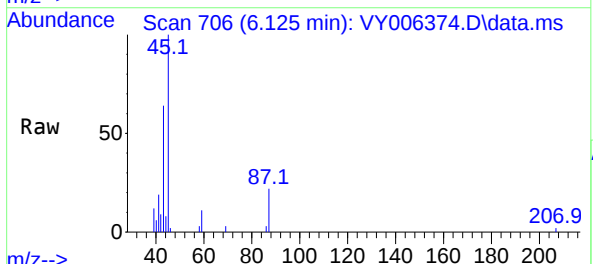
#21
trans-1,2-Dichloroethene
Concen: 2.457 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



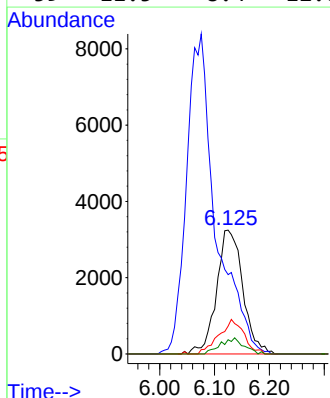
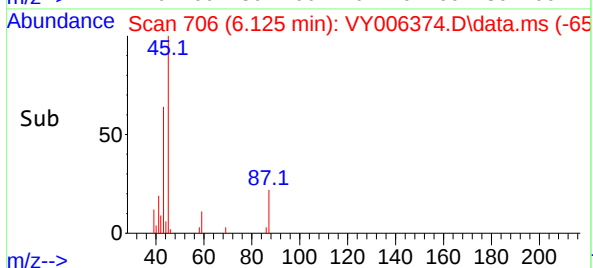
Tgt Ion: 96 Resp: 3499
Ion Ratio Lower Upper
96 100
61 140.1 120.5 180.7
98 58.1 49.8 74.8



#22
Diisopropyl ether
Concen: 2.220 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



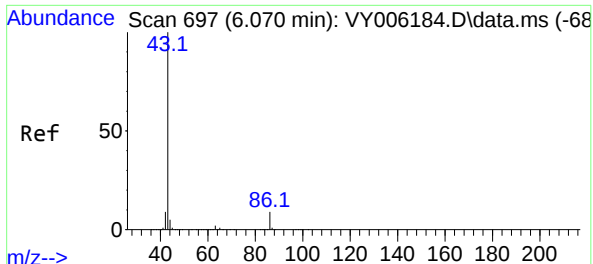
Tgt Ion: 45 Resp: 10846
Ion Ratio Lower Upper
45 100
43 64.1 49.3 73.9
87 22.4 19.2 28.8
59 11.5 8.4 12.6



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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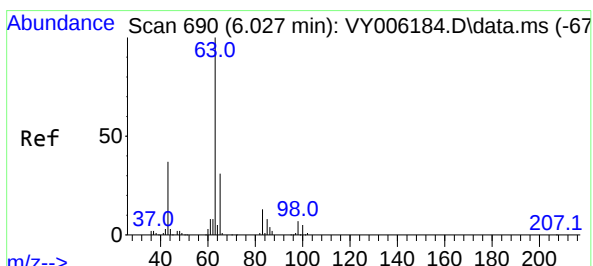
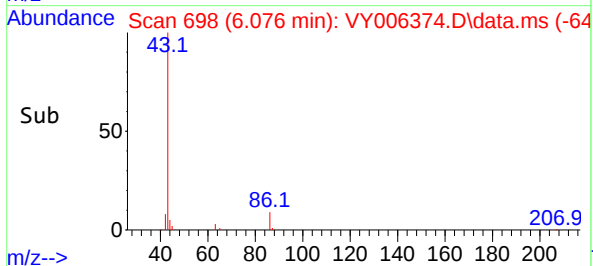
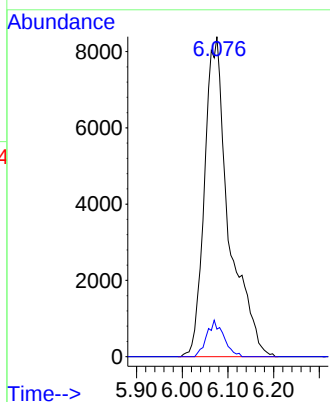
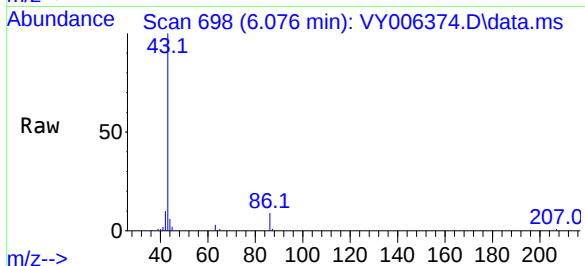
#23
Vinyl Acetate
Concen: 10.594 ug/l
RT: 6.076 min Scan# 698
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 43 Resp: 31031
Ion Ratio Lower Upper
43 100
86 8.6 7.1 10.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

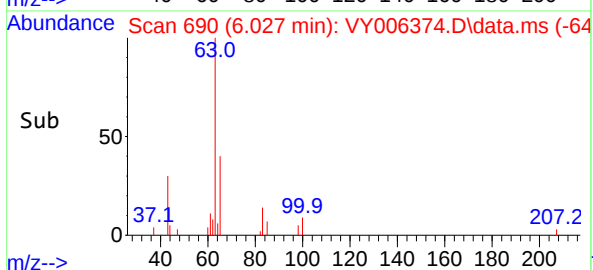
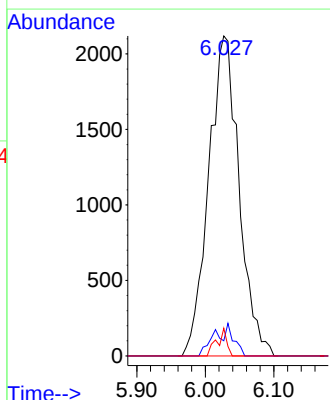
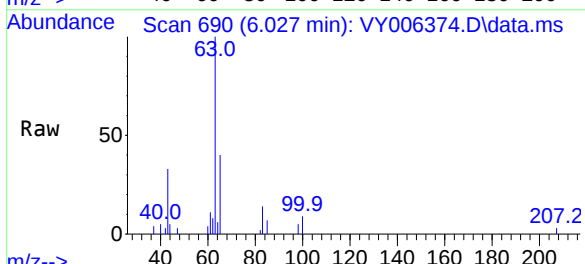
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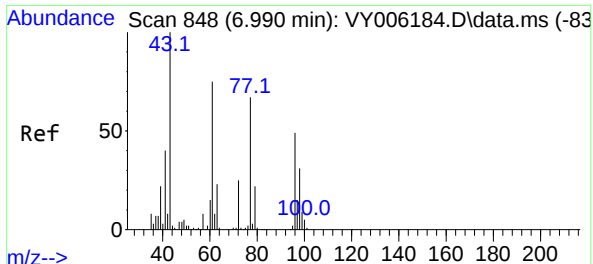
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#24
1,1-Dichloroethane
Concen: 2.491 ug/l
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 63 Resp: 6534
Ion Ratio Lower Upper
63 100
98 4.7 3.6 10.8
100 8.6 2.0 5.8#





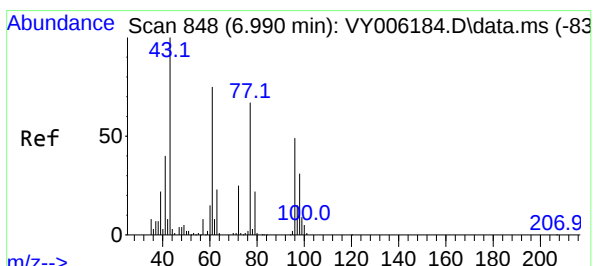
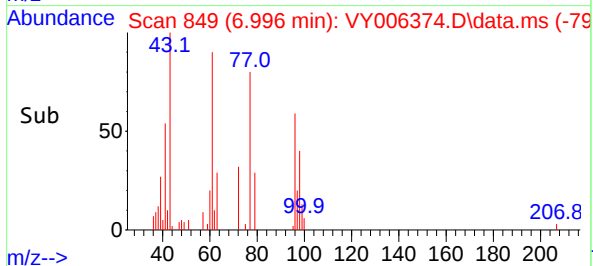
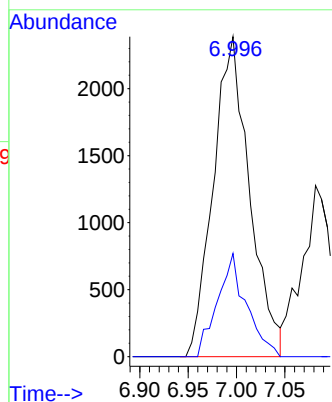
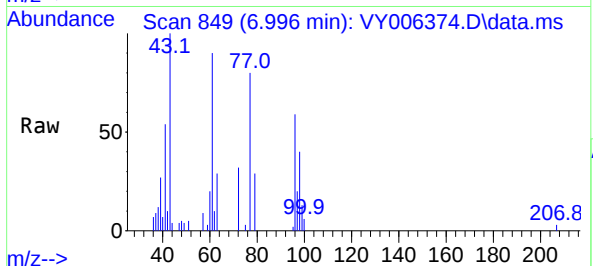
#25
2-Butanone
Concen: 10.927 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 43 Resp: 6240
Ion Ratio Lower Upper
43 100
72 32.2 17.7 26.5#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

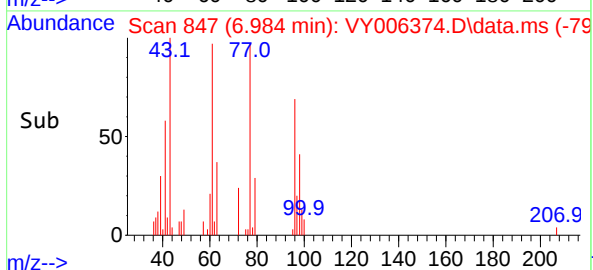
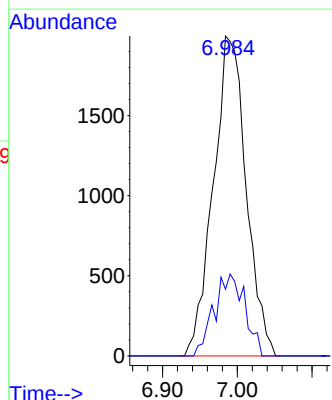
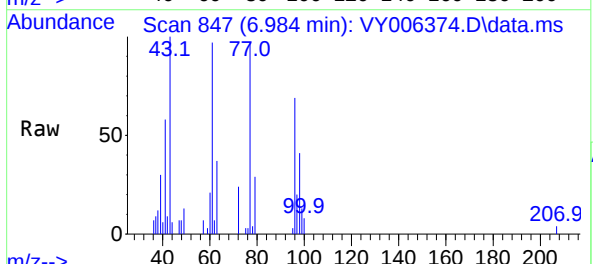
Manual Integrations
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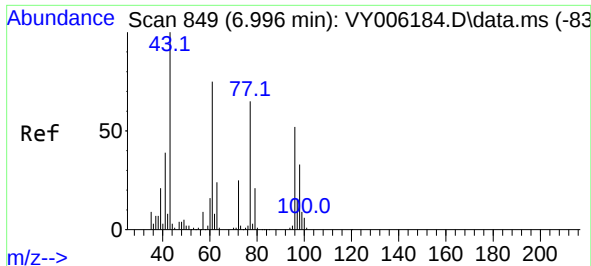
MMDadoda
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#26
2,2-Dichloropropane
Concen: 2.541 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 77 Resp: 6095
Ion Ratio Lower Upper
77 100
97 23.9 10.4 31.4





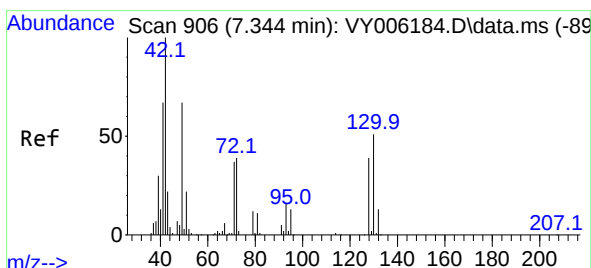
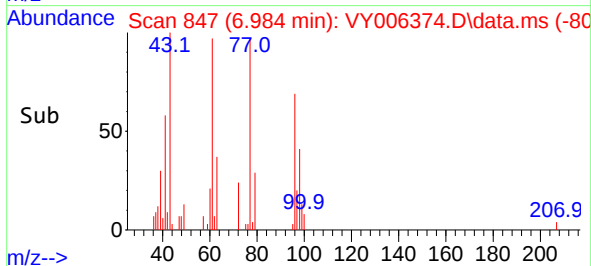
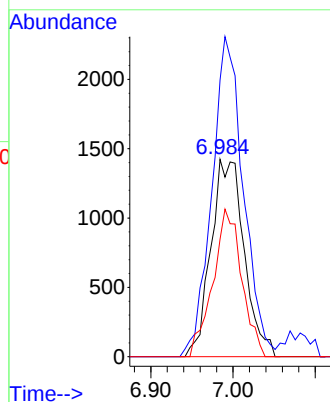
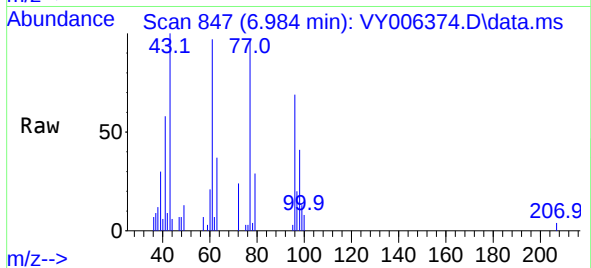
#27
cis-1,2-Dichloroethene
Concen: 2.509 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	96	Resp:	4001
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	319.8
98	64.9	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

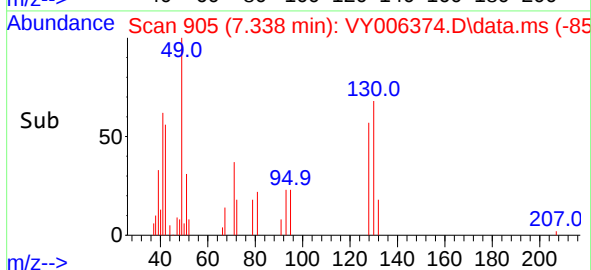
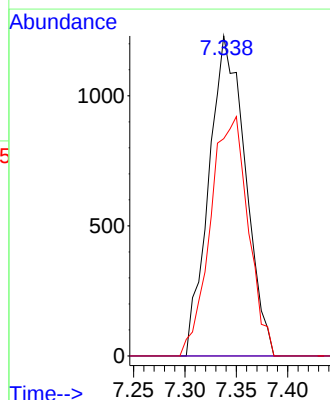
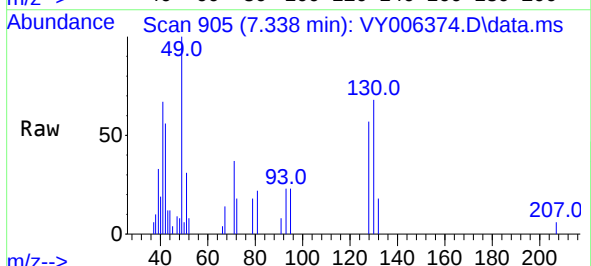
Manual Integrations
APPROVED

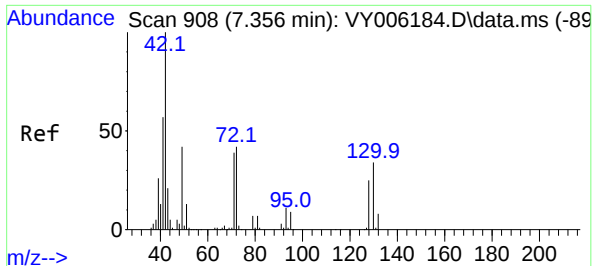
MMDadoda
10/15/2021 6:22:33 PM



#28
Bromochloromethane
Concen: 2.778 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	49	Resp:	3034
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	77.4	55.4	83.0





#29

Tetrahydrofuran

Concen: 11.544 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006374.D

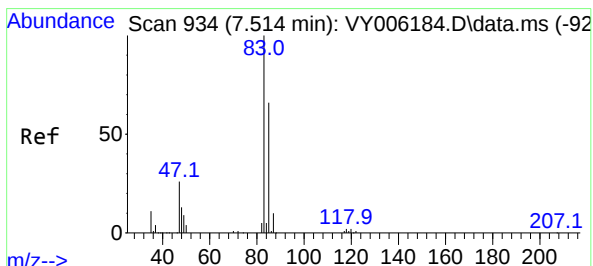
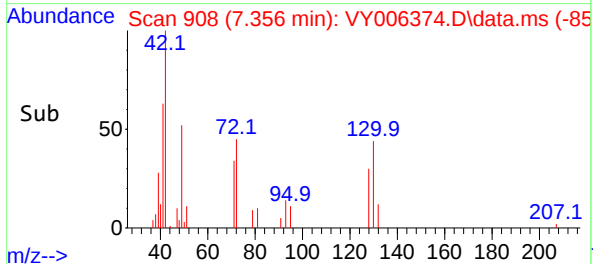
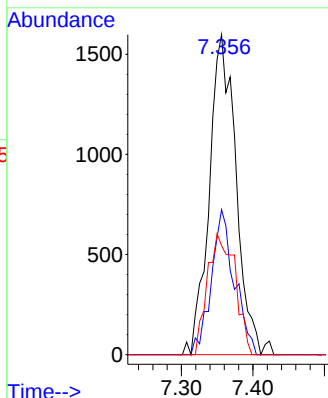
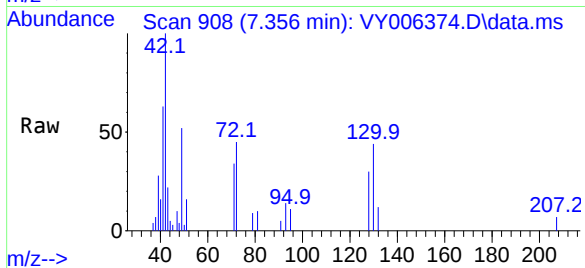
Acq: 12 Oct 2021 12:18

Tgt Ion:	42	Resp:	4164
Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.3	45.5
71	38.9	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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#30

Chloroform

Concen: 2.694 ug/l

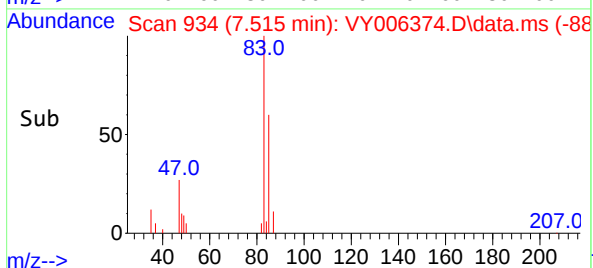
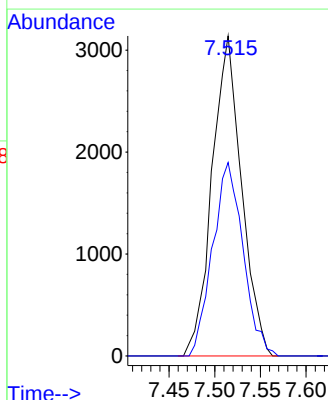
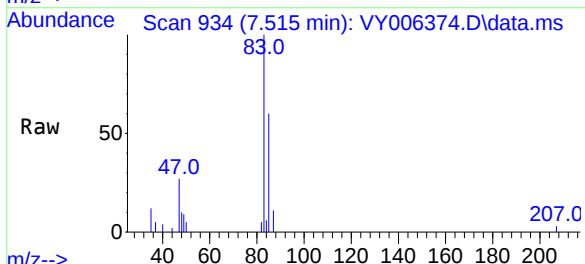
RT: 7.515 min Scan# 934

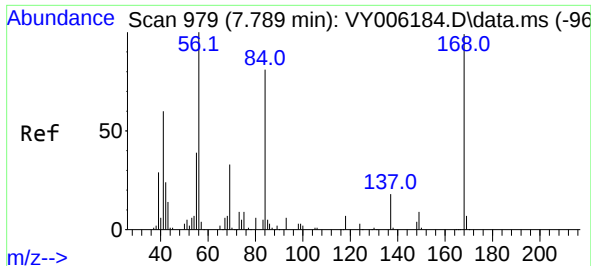
Delta R.T. 0.000 min

Lab File: VY006374.D

Acq: 12 Oct 2021 12:18

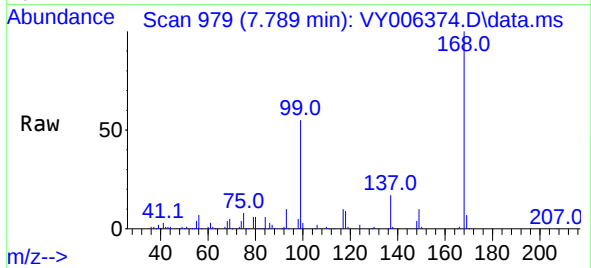
Tgt Ion:	83	Resp:	7051
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.8	77.6





#31
Cyclohexane
Concen: 3.270 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

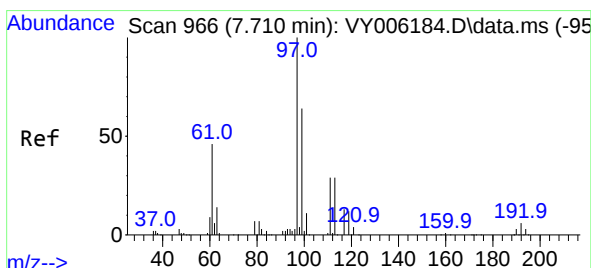
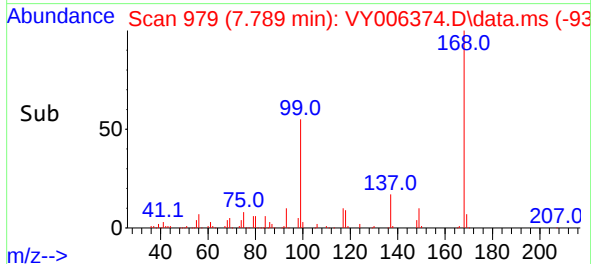
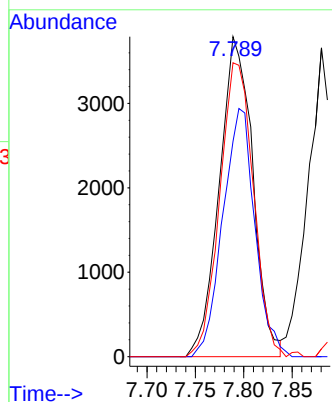
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



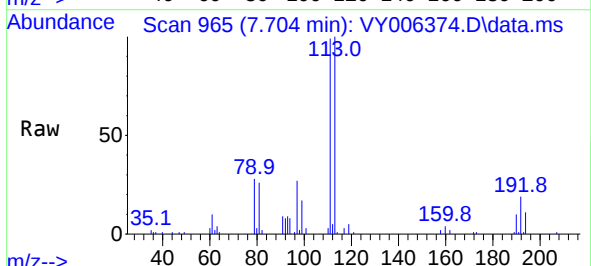
Tgt Ion: 56 Resp: 9094
Ion Ratio Lower Upper
56 100
69 67.3 26.7 40.1#
84 91.8 67.2 100.8

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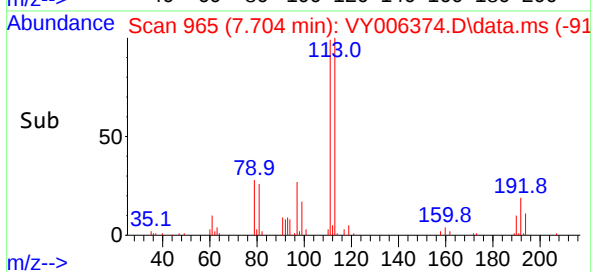
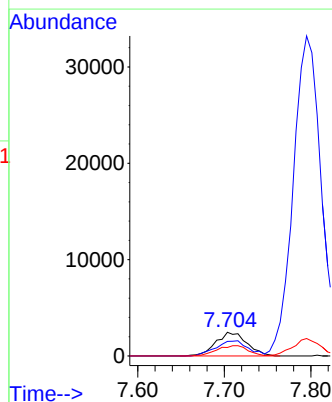
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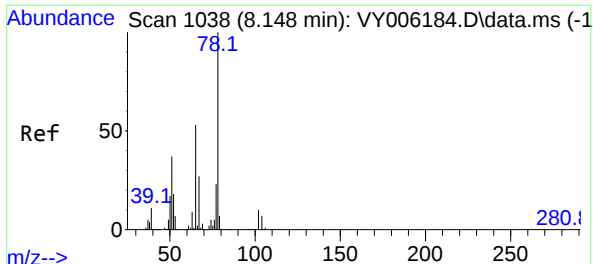


#32
1,1,1-Trichloroethane
Concen: 2.526 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



Tgt Ion: 97 Resp: 6104
Ion Ratio Lower Upper
97 100
99 67.1 50.7 76.1
61 43.9 37.6 56.4





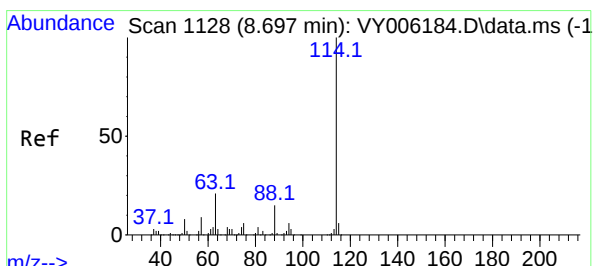
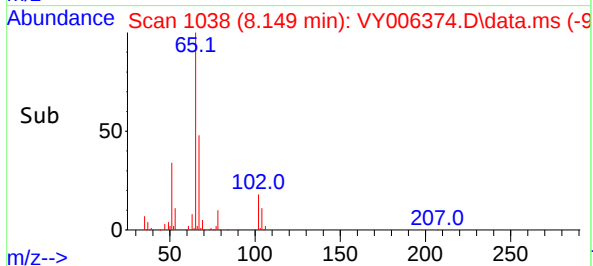
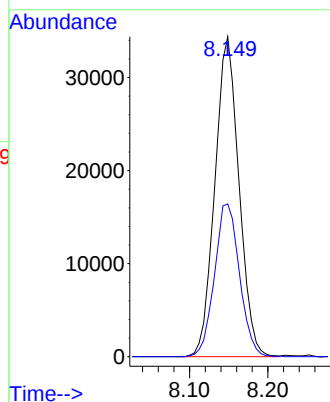
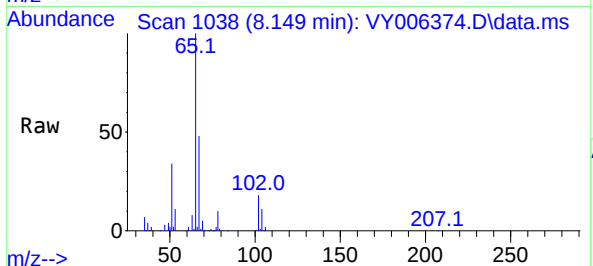
#33
1,2-Dichloroethane-d4
Concen: 50.055 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 65 Resp: 73470
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

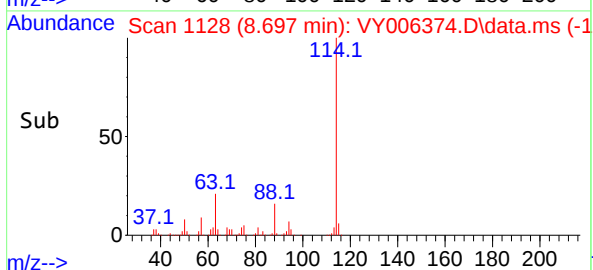
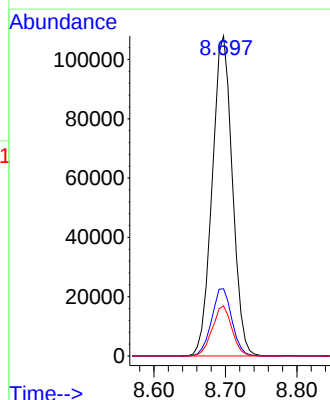
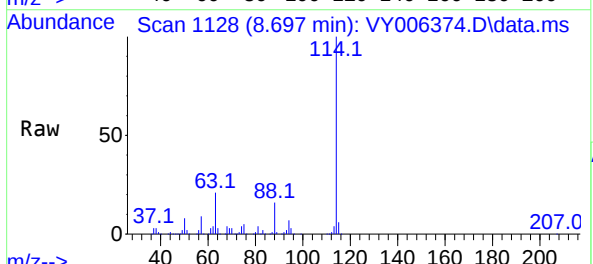
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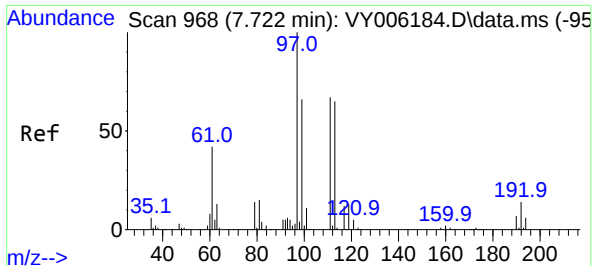
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 114 Resp: 211219
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.6 0.0 31.8





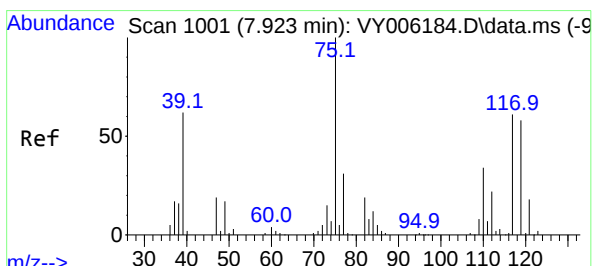
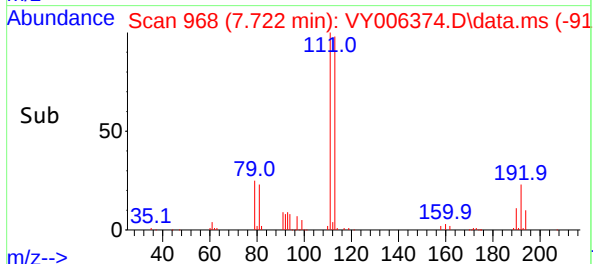
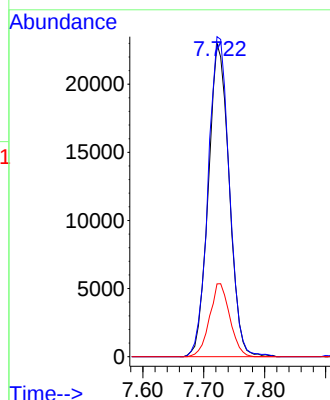
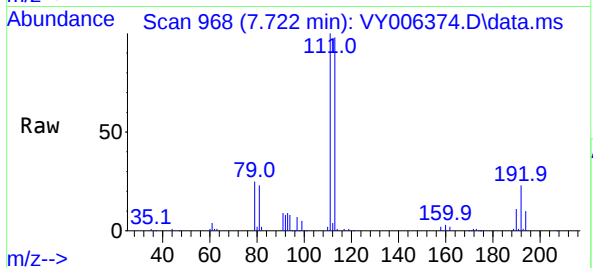
#35
Dibromofluoromethane
Concen: 48.364 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 113 Resp: 54577
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 22.6 17.6 26.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

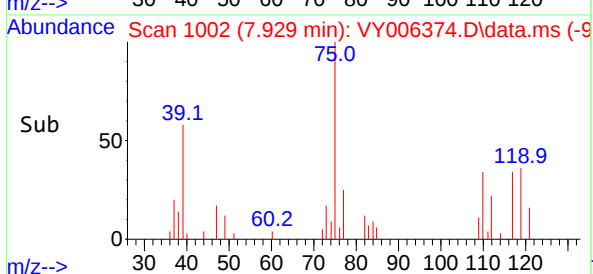
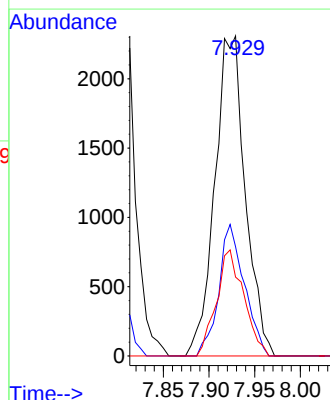
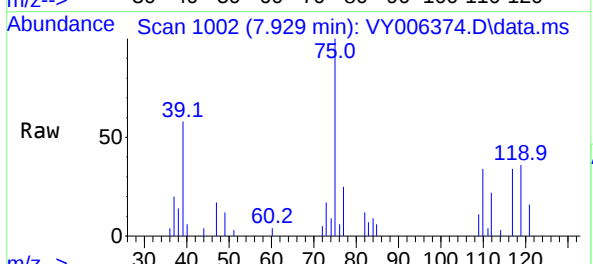
Manual Integrations
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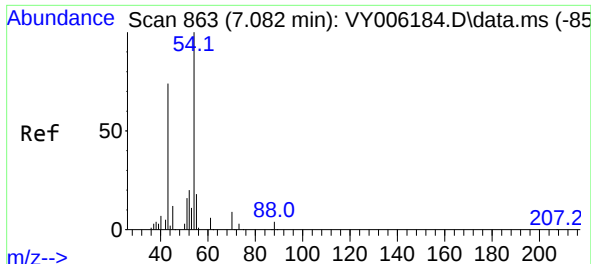
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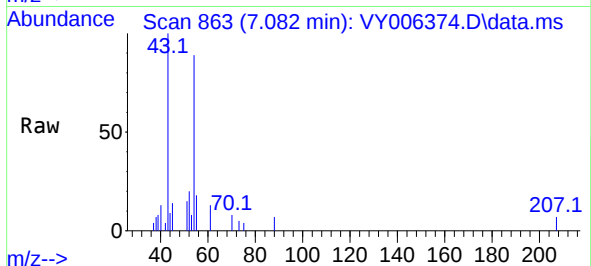
#36
1,1-Dichloropropene
Concen: 2.550 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 75 Resp: 5359
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 29.8 24.4 36.6

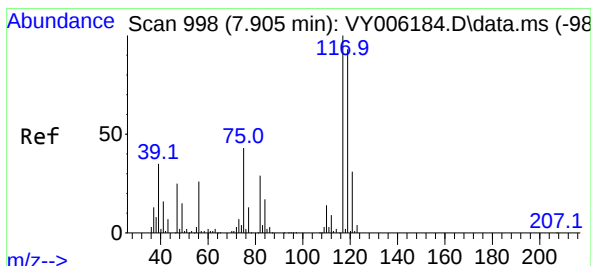
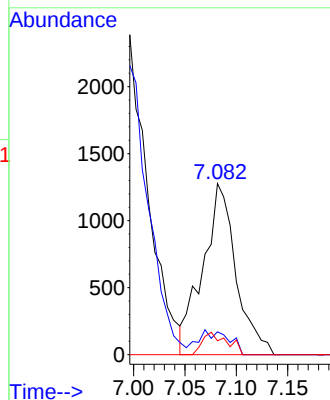
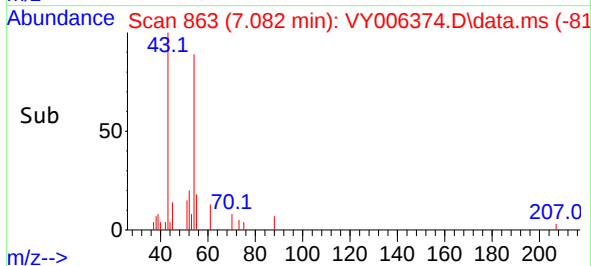




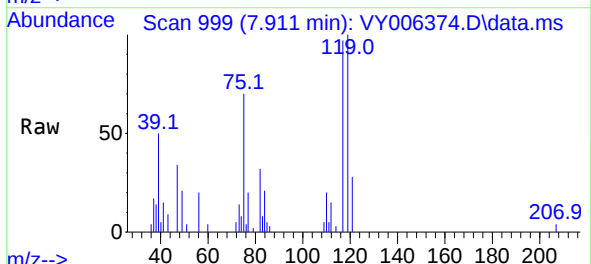
#37
Ethyl Acetate
Concen: 2.330 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



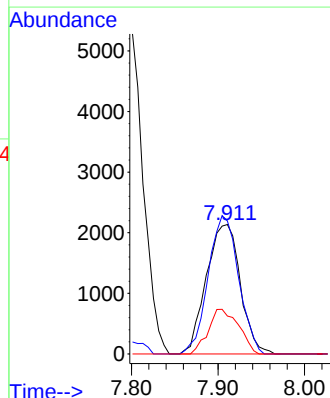
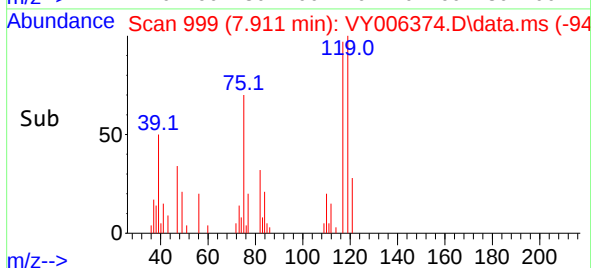
Tgt Ion: 43 Resp: 2853
Ion Ratio Lower Upper
43 100
61 13.2 9.7 14.5
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 2.625 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



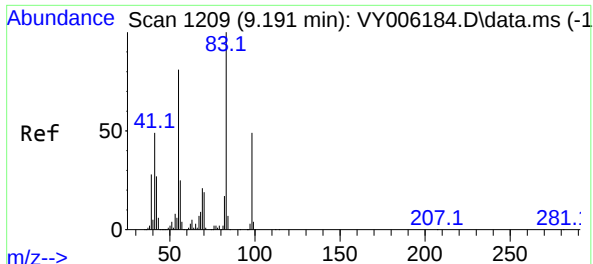
Tgt Ion: 117 Resp: 5824
Ion Ratio Lower Upper
117 100
119 102.7 77.9 116.9
121 29.3 24.8 37.2



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

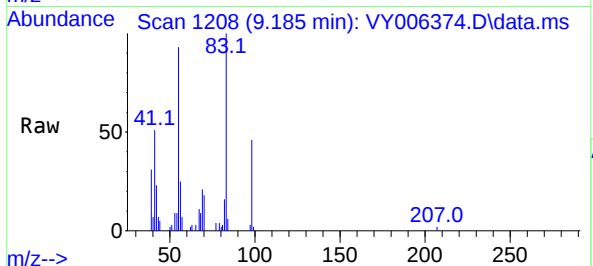
Manual Integrations
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#39
Methylcyclohexane
Concen: 2.290 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

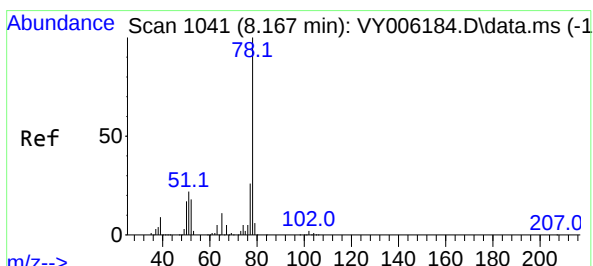
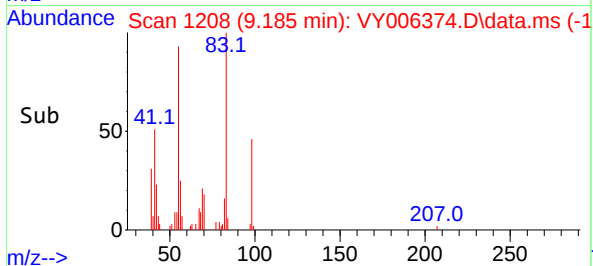
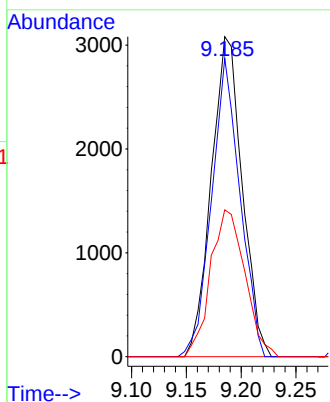
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 83 Resp: 6044
Ion Ratio Lower Upper
83 100
55 93.2 66.5 99.7
98 45.9 37.9 56.9

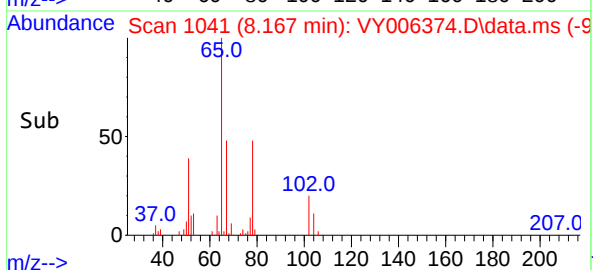
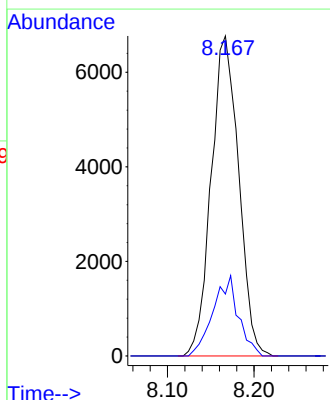
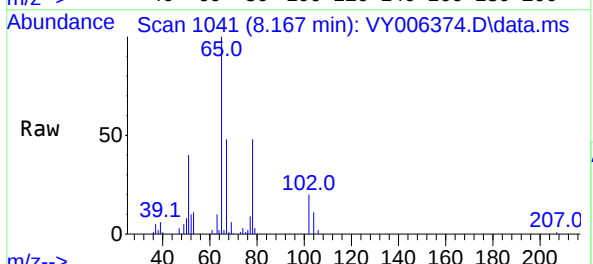
Manual Integrations
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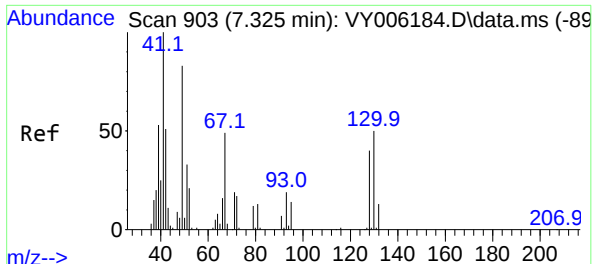
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#40
Benzene
Concen: 2.499 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

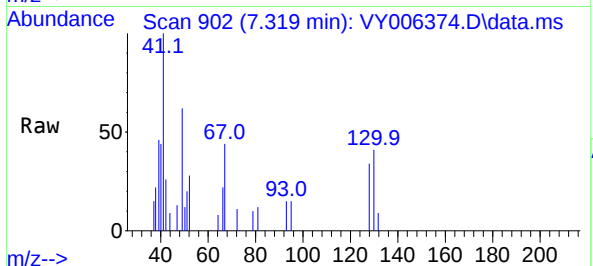
Tgt Ion: 78 Resp: 14901
Ion Ratio Lower Upper
78 100
77 19.4 20.4 30.6#





#41
Methacrylonitrile
Concen: 2.151 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

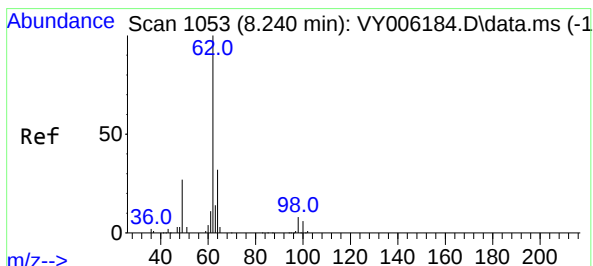
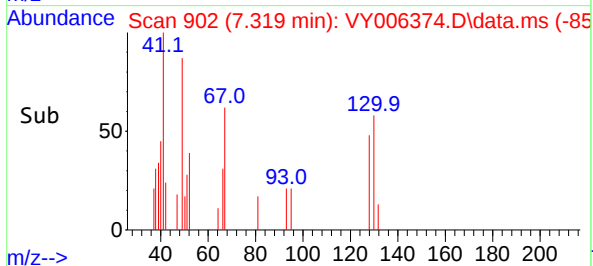
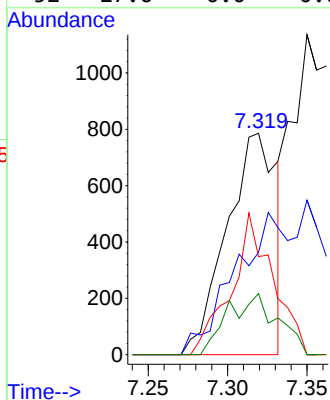
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:	41	Resp:	1708
Ion	Ratio	Lower	Upper
41	100		
39	67.0	92.9	139.3#
67	53.7	0.0	0.0#
52	27.6	0.0	0.0#

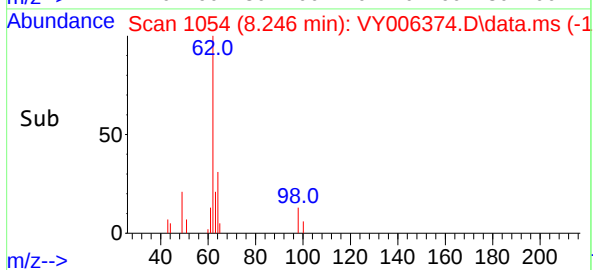
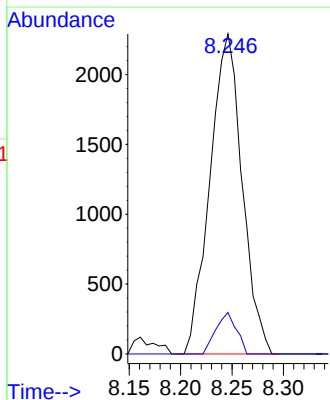
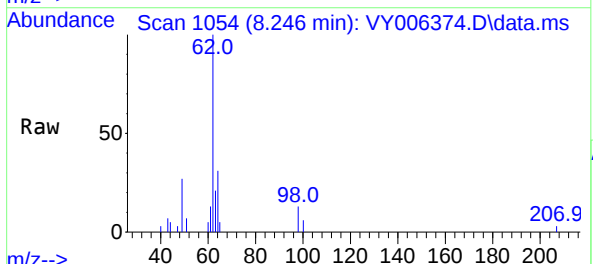
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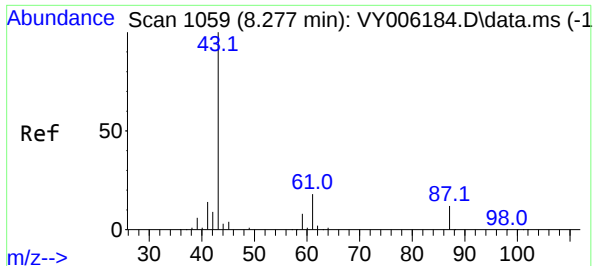
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#42
1,2-Dichloroethane
Concen: 2.601 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	62	Resp:	4996
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	14.8





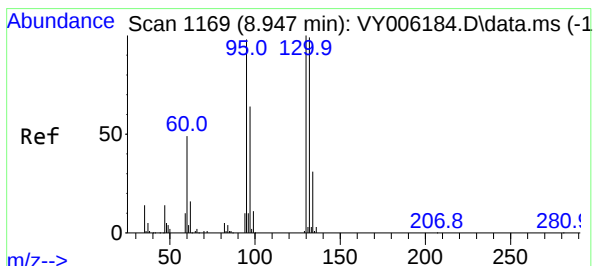
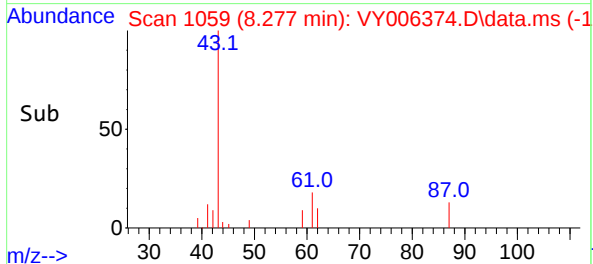
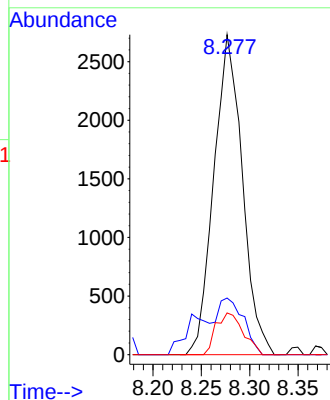
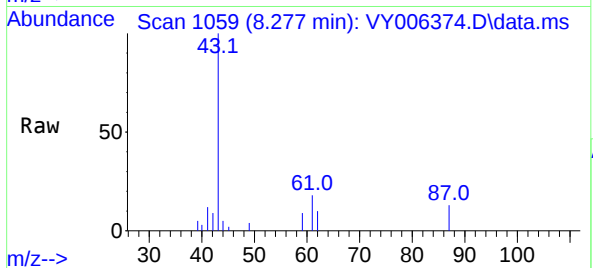
#43
Isopropyl Acetate
Concen: 2.381 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 43 Resp: 5590
Ion Ratio Lower Upper
43 100
61 16.6 20.2 30.2#
87 12.4 8.9 13.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

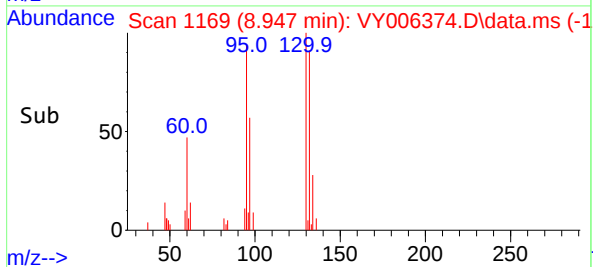
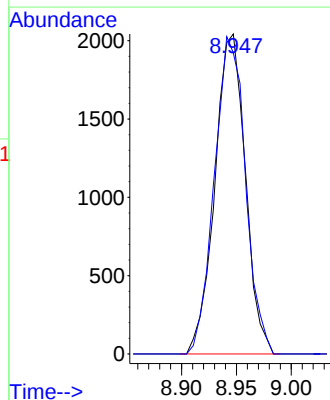
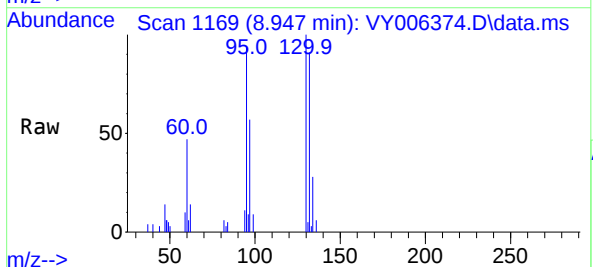
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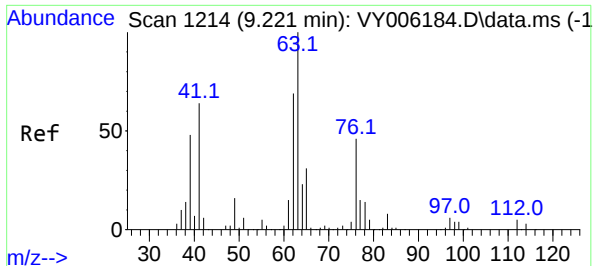
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#44
Trichloroethene
Concen: 2.563 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 130 Resp: 3947
Ion Ratio Lower Upper
130 100
95 94.1 0.0 188.2





#45

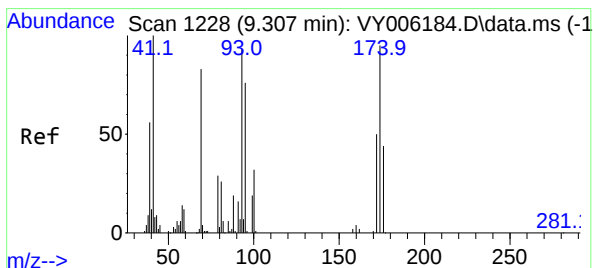
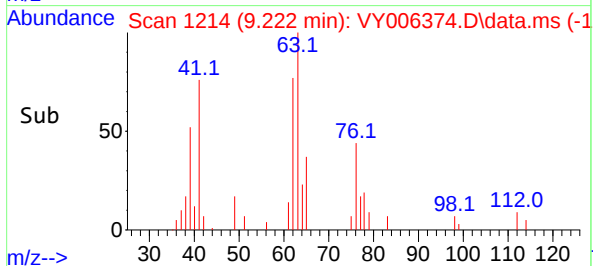
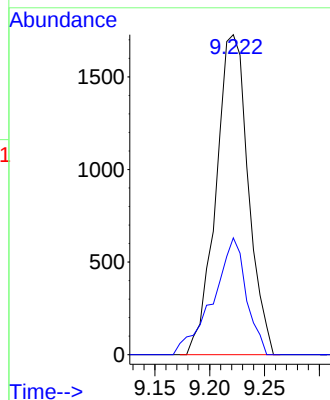
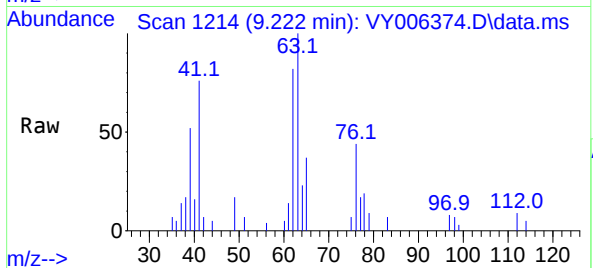
1,2-Dichloropropane
Concen: 2.414 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 63 Resp: 3544
Ion Ratio Lower Upper
63 100
65 36.5 23.0 34.6#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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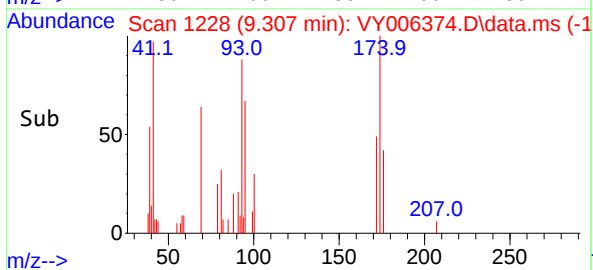
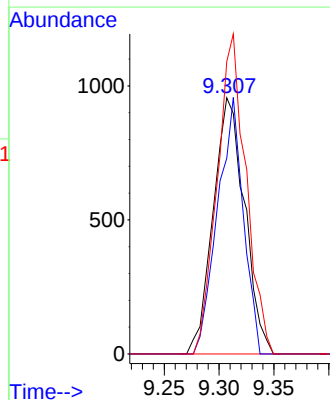
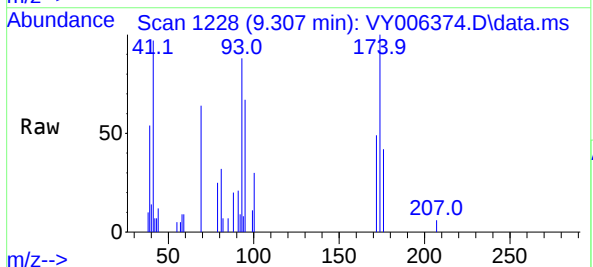
MMDadoda
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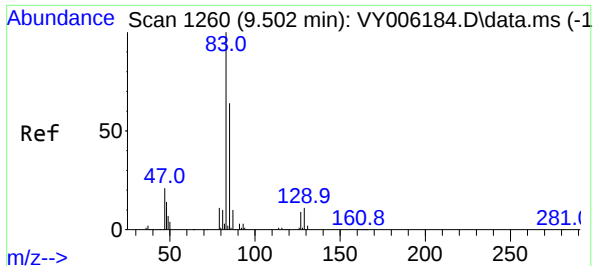


#46

Dibromomethane
Concen: 2.436 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 93 Resp: 1904
Ion Ratio Lower Upper
93 100
95 81.7 64.3 96.5
174 114.4 83.4 125.0





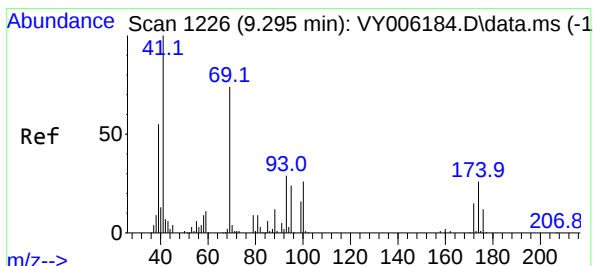
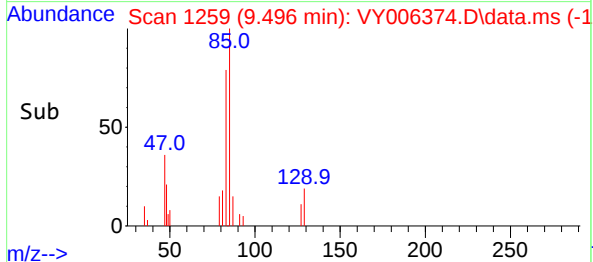
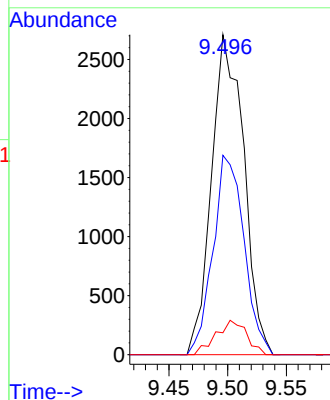
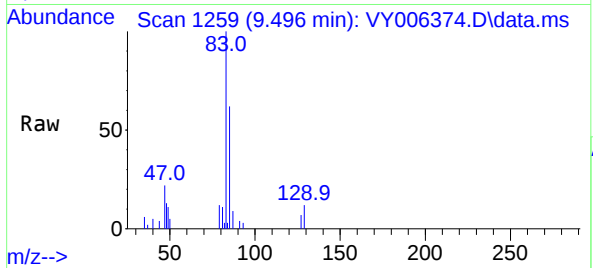
#47
Bromodichloromethane
Concen: 2.567 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	83	Resp:	5165
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.9	77.9
127	6.9	6.6	10.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

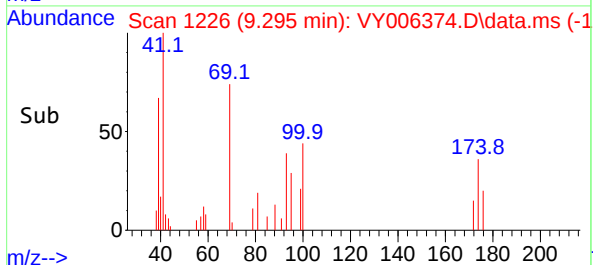
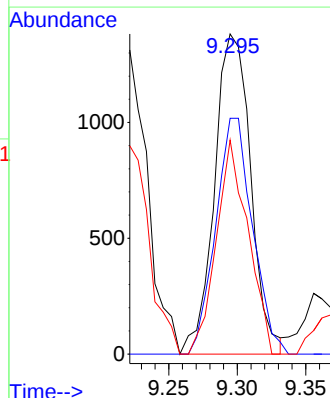
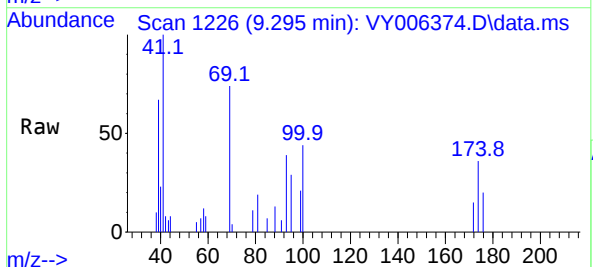
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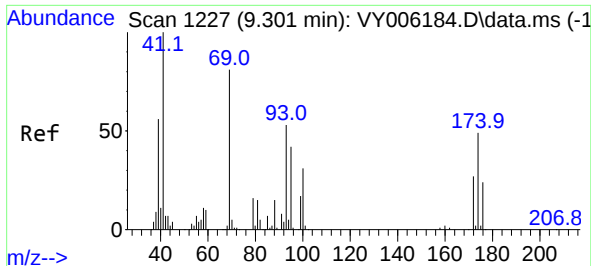
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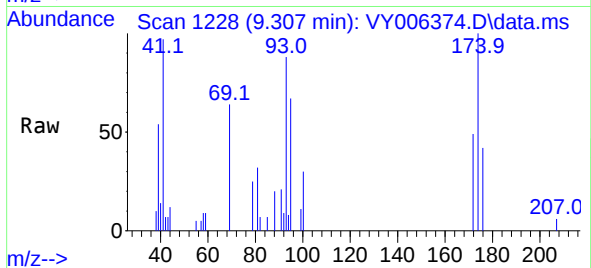
#48
Methyl methacrylate
Concen: 2.254 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	41	Resp:	2539
Ion	Ratio	Lower	Upper
41	100		
69	74.9	58.2	87.2
39	58.8	47.4	71.0

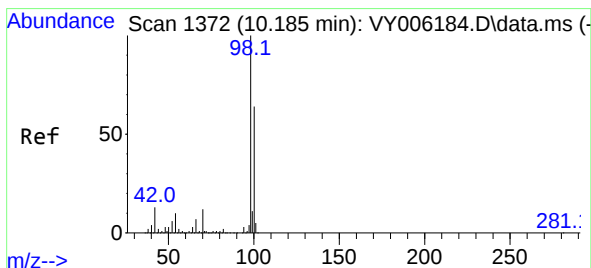
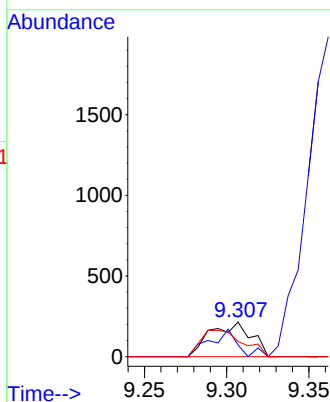
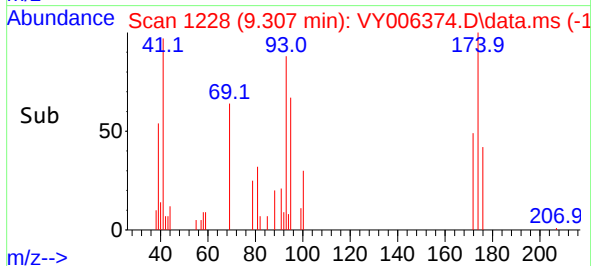




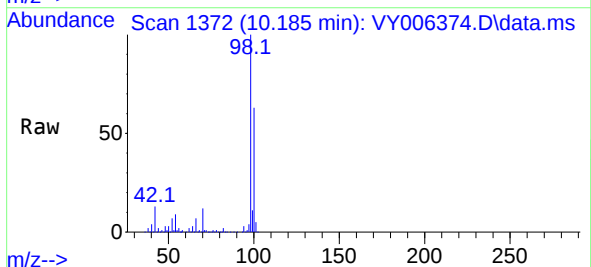
#49
1,4-Dioxane
Concen: 36.089 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



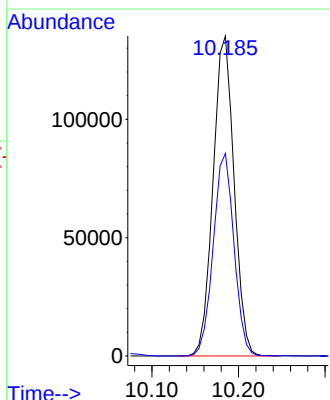
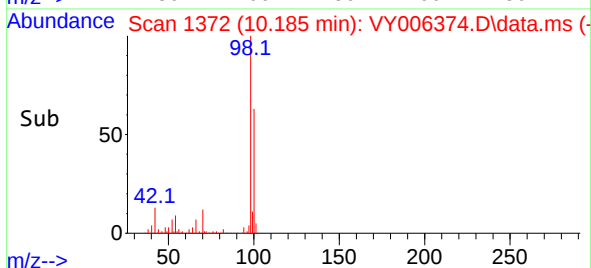
Tgt Ion: 88 Resp: 368
Ion Ratio Lower Upper
88 100
43 50.0 32.8 49.2#
58 79.1 59.8 89.6



#50
Toluene-d8
Concen: 48.159 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



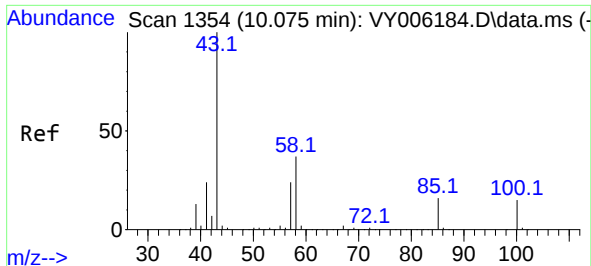
Tgt Ion: 98 Resp: 227446
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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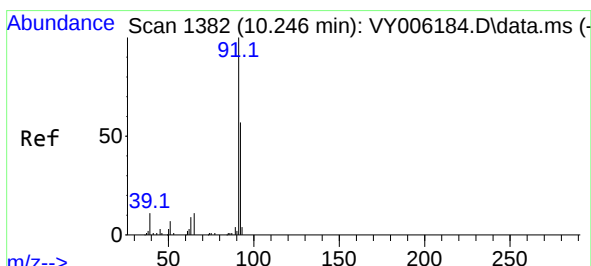
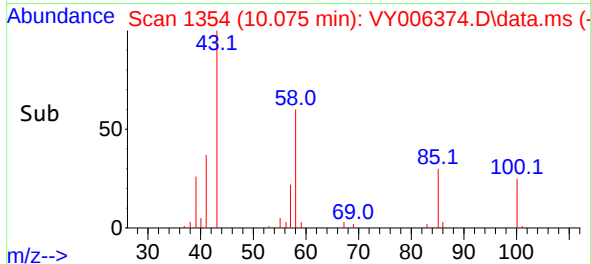
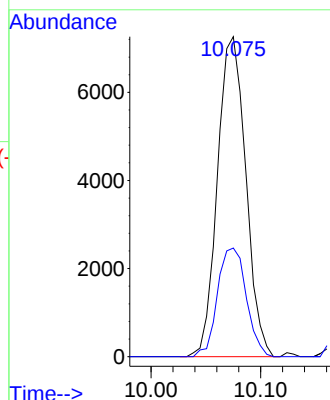
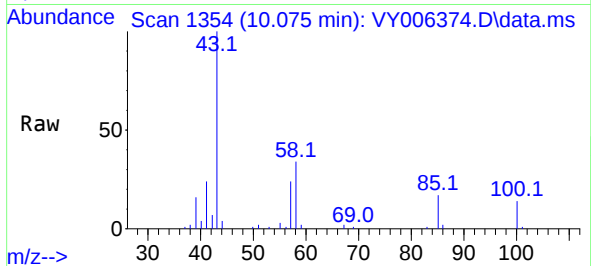
#51
4-Methyl-2-Pentanone
Concen: 10.689 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 43 Resp: 13032
Ion Ratio Lower Upper
43 100
58 34.5 28.1 42.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

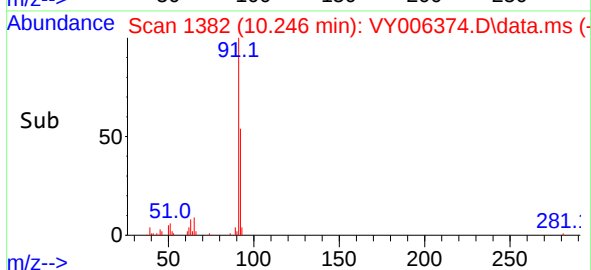
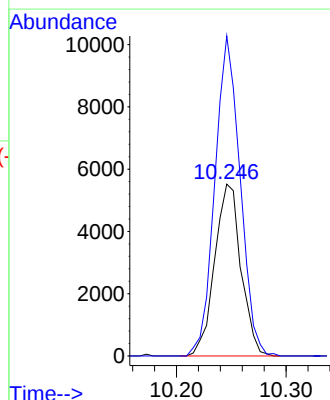
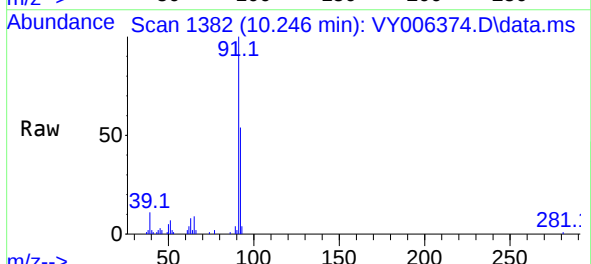
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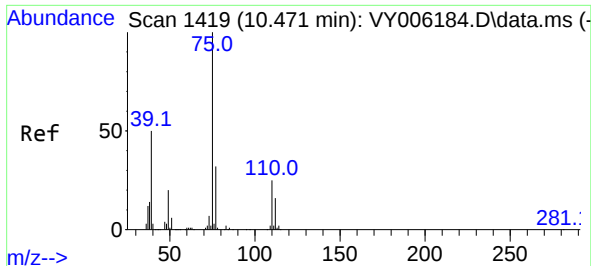
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#52
Toluene
Concen: 2.488 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 92 Resp: 9202
Ion Ratio Lower Upper
92 100
91 178.8 142.6 213.8





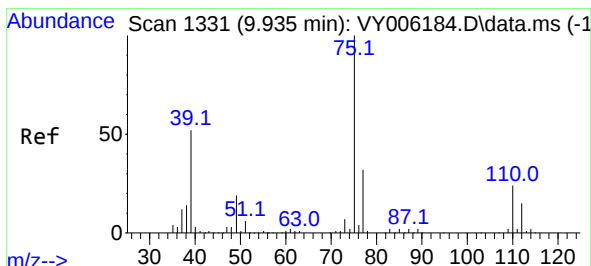
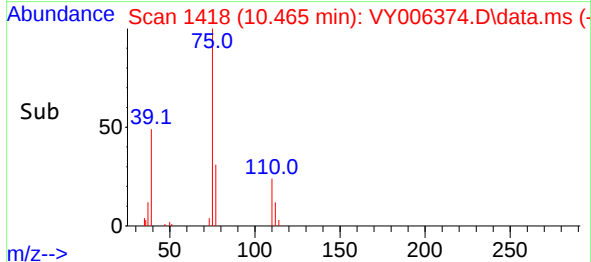
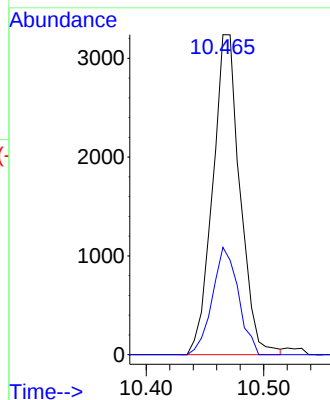
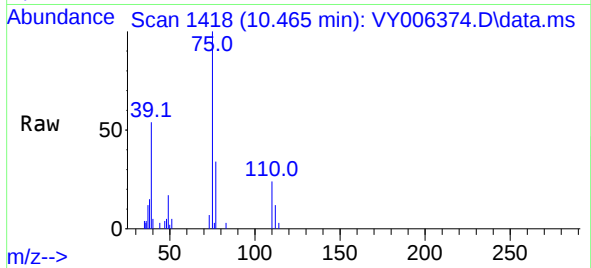
#53
t-1,3-Dichloropropene
Concen: 2.387 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 75 Resp: 5238
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

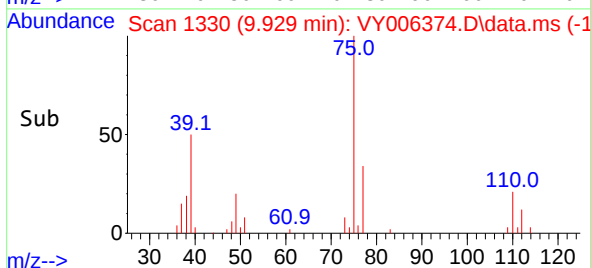
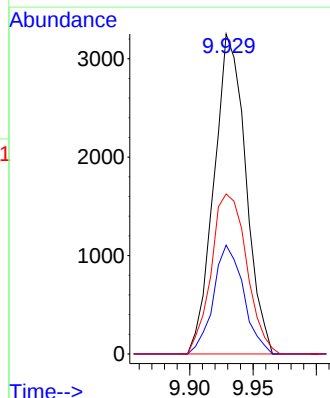
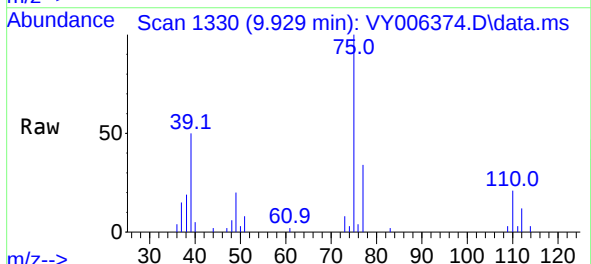
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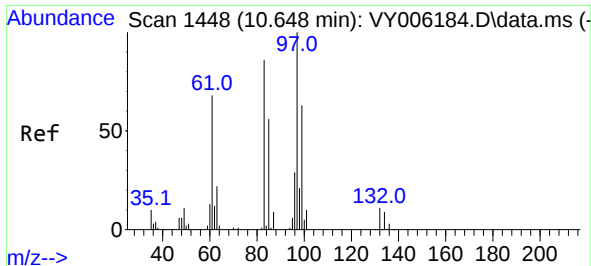
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#54
cis-1,3-Dichloropropene
Concen: 2.344 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

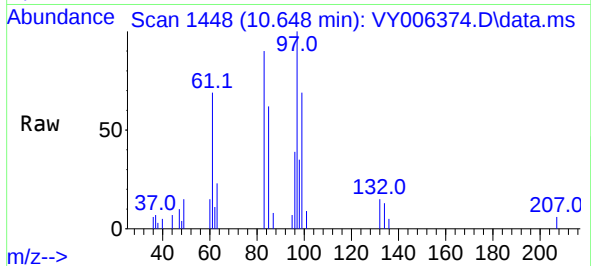
Tgt Ion: 75 Resp: 5653
Ion Ratio Lower Upper
75 100
77 34.0 25.6 38.4
39 50.0 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 2.493 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

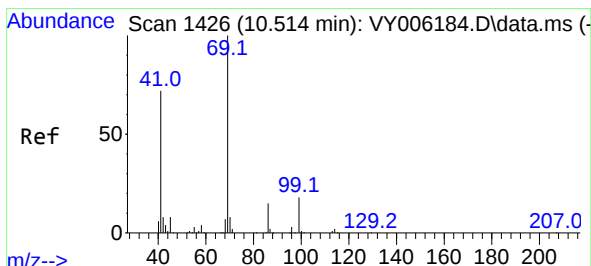
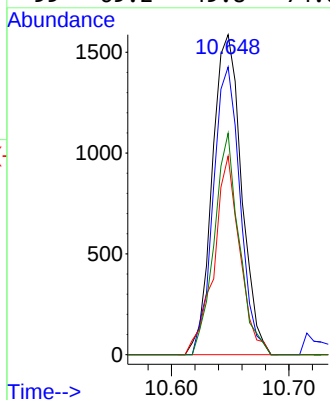
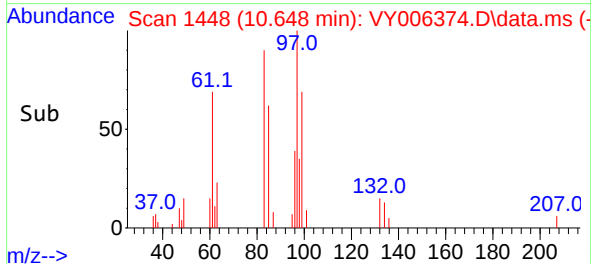
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



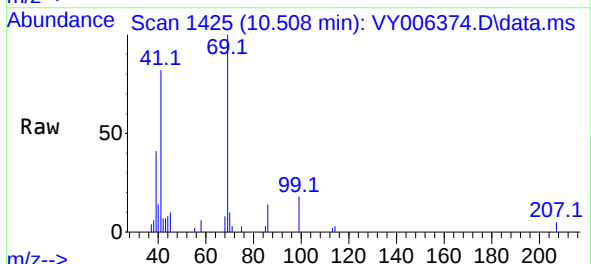
Tgt Ion: 97	Resp: 2742
Ion Ratio	Lower Upper
97 100	
83 89.9	69.8 104.8
85 62.1	44.3 66.5
99 69.2	49.8 74.6

Manual Integrations
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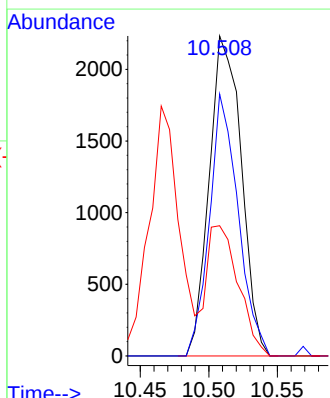
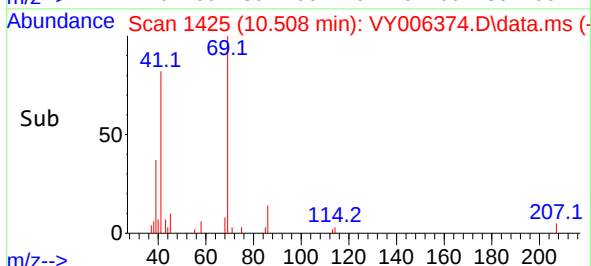
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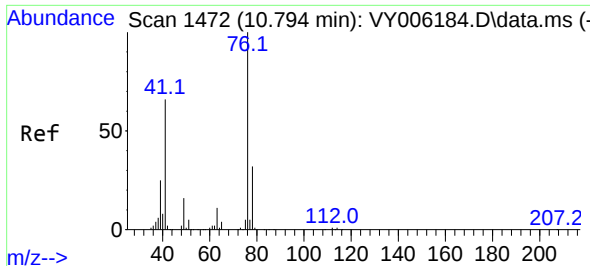


#56
Ethyl methacrylate
Concen: 2.176 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



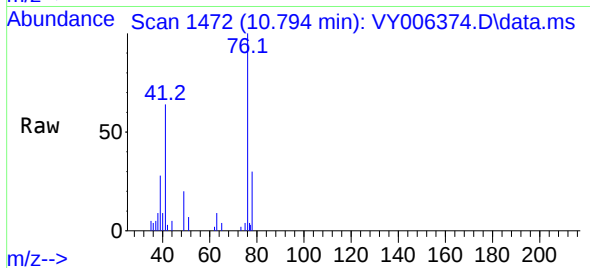
Tgt Ion: 69	Resp: 3638
Ion Ratio	Lower Upper
69 100	
41 73.4	63.4 95.0
39 41.0	35.8 53.8



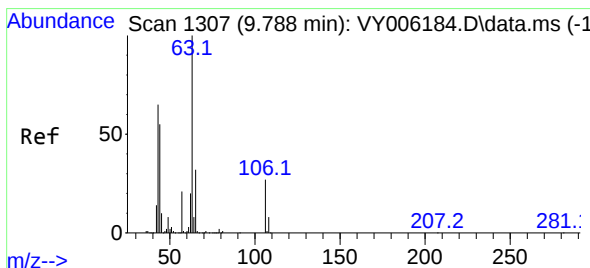
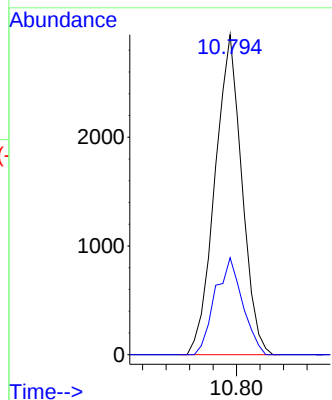
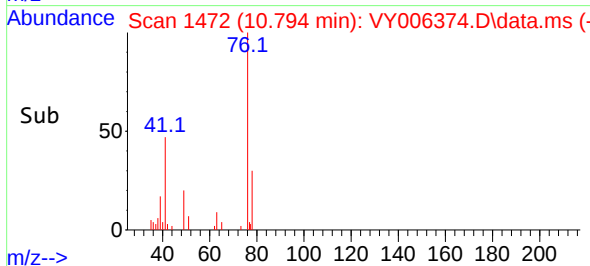


#57
1,3-Dichloropropane
Concen: 2.355 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

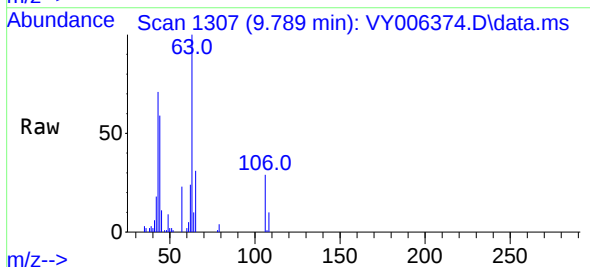
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



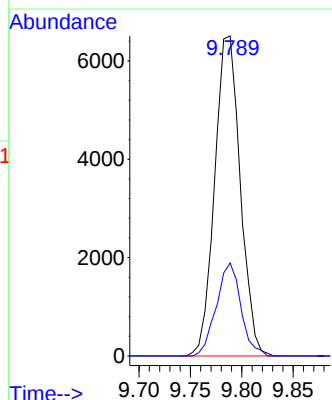
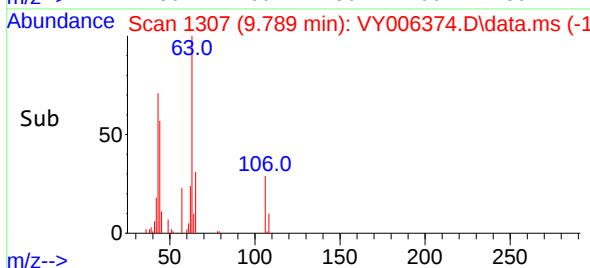
Tgt Ion: 76 Resp: 4686
Ion Ratio Lower Upper
76 100
78 30.8 25.0 37.6

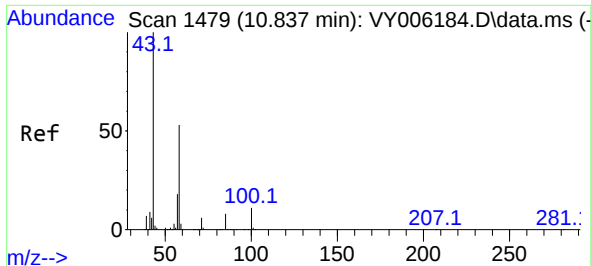


#58
2-Chloroethyl Vinyl ether
Concen: 13.748 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



Tgt Ion: 63 Resp: 11260
Ion Ratio Lower Upper
63 100
106 27.8 21.5 32.3





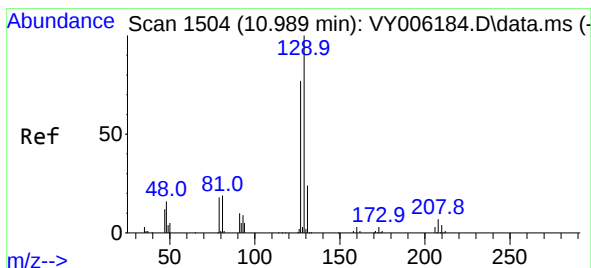
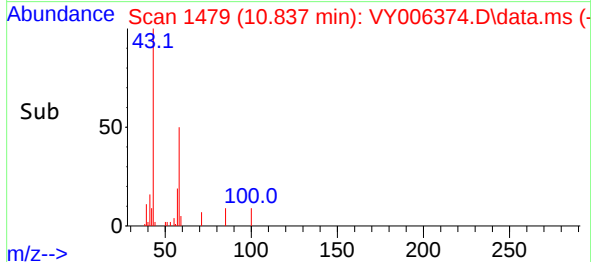
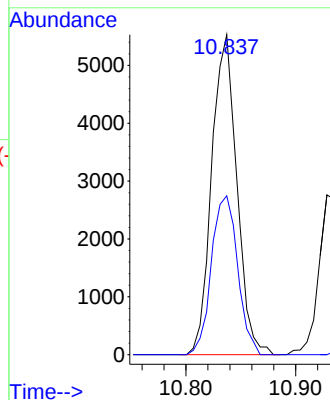
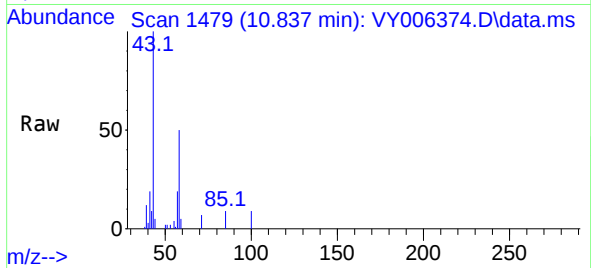
#59
2-Hexanone
Concen: 10.146 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 43 Resp: 8810
Ion Ratio Lower Upper
43 100
58 51.7 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

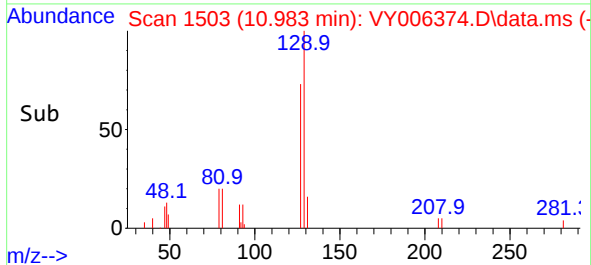
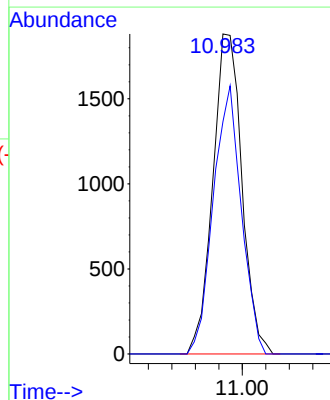
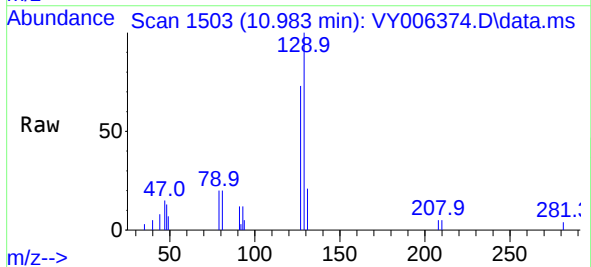
Manual Integrations
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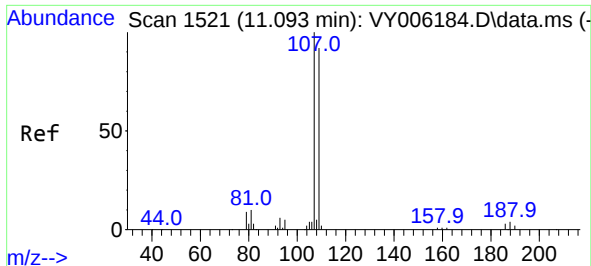
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#60
Dibromochloromethane
Concen: 2.424 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

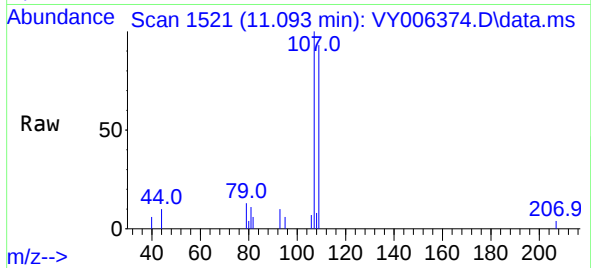
Tgt Ion: 129 Resp: 3239
Ion Ratio Lower Upper
129 100
127 80.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.311 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

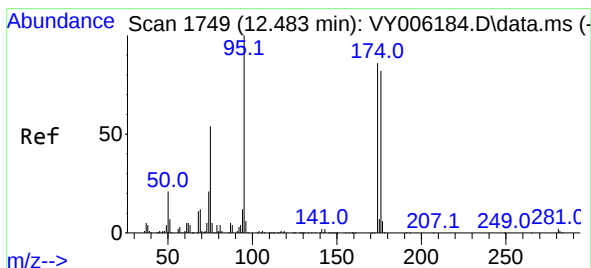
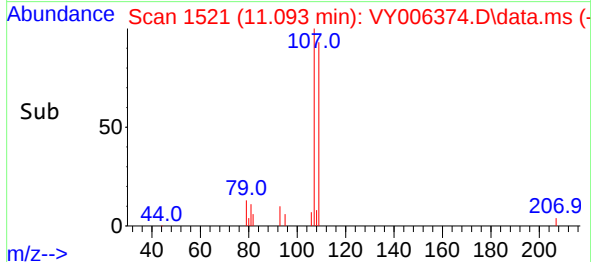
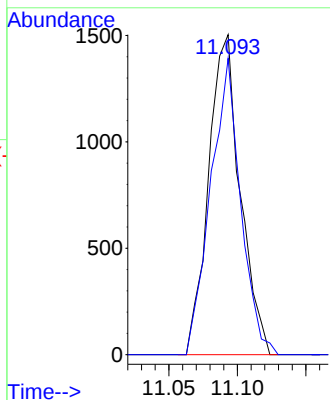
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



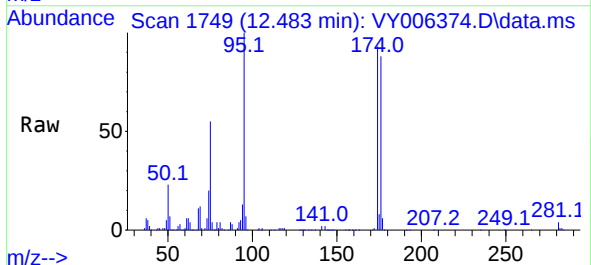
Tgt Ion:107 Resp: 2406
Ion Ratio Lower Upper
107 100
109 88.4 75.4 113.2

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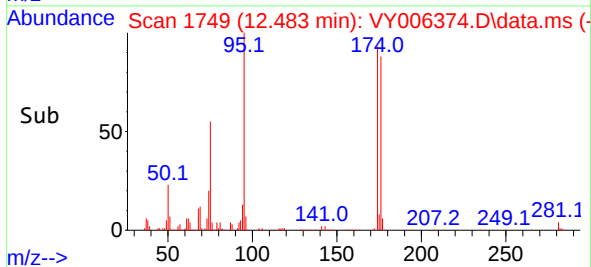
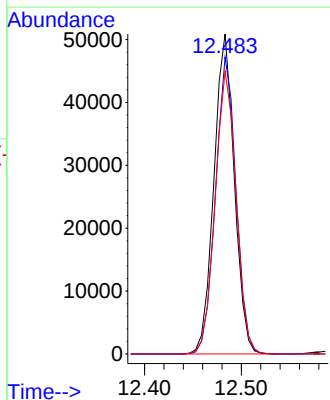
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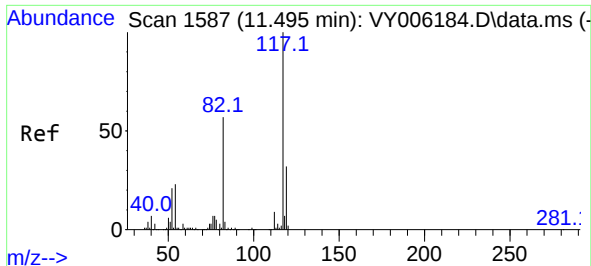


#62
4-Bromofluorobenzene
Concen: 46.430 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



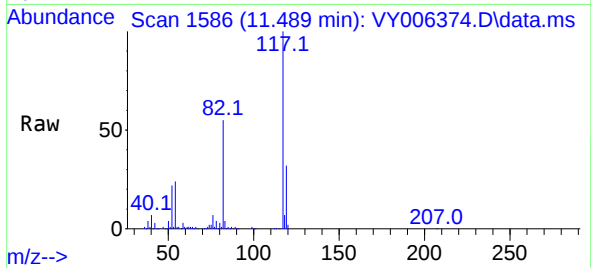
Tgt Ion: 95 Resp: 74492
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 90.8 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

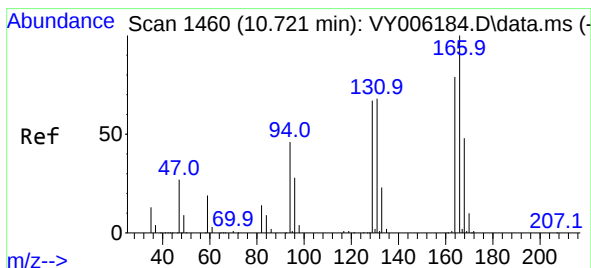
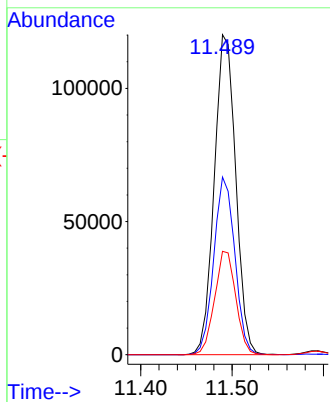
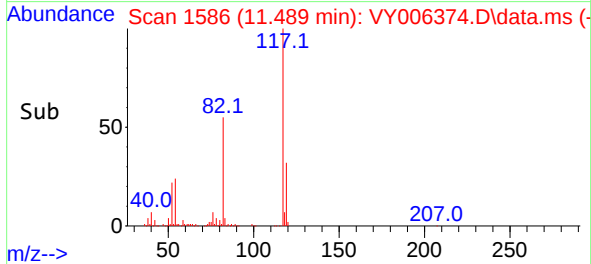
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



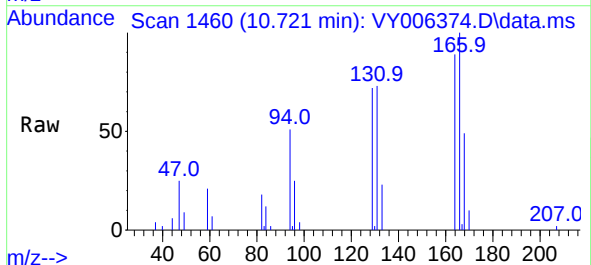
Tgt Ion:117 Resp: 196416
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.3 25.4 38.0

Manual Integrations
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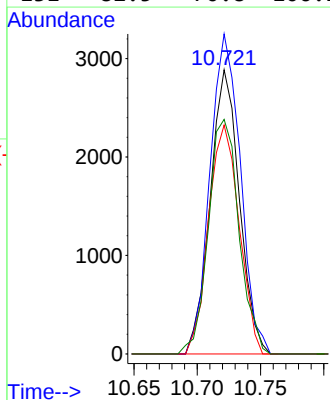
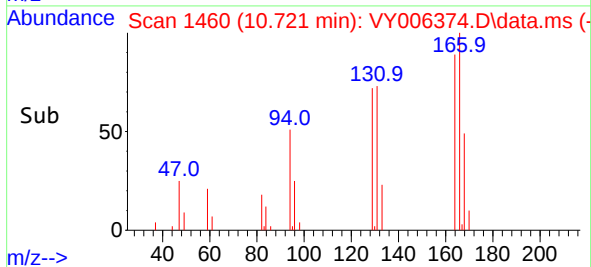
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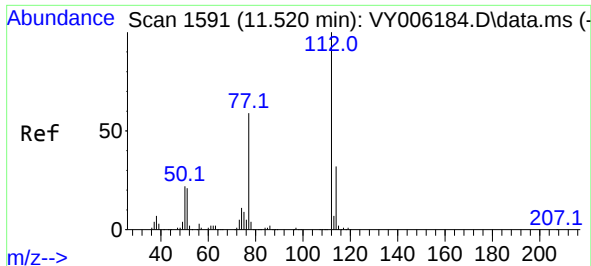


#64
Tetrachloroethene
Concen: 2.936 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



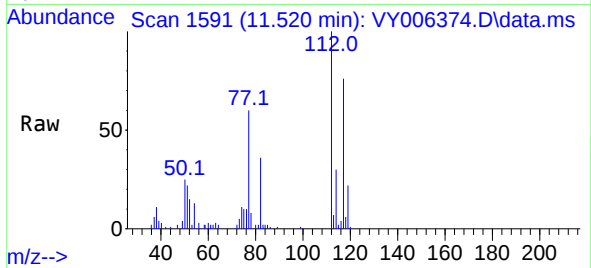
Tgt Ion:164 Resp: 4644
Ion Ratio Lower Upper
164 100
166 112.6 100.4 150.6
129 80.6 71.4 107.0
131 82.5 70.8 106.2





#65
Chlorobenzene
Concen: 2.504 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

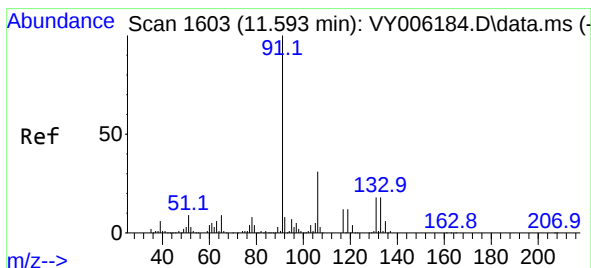
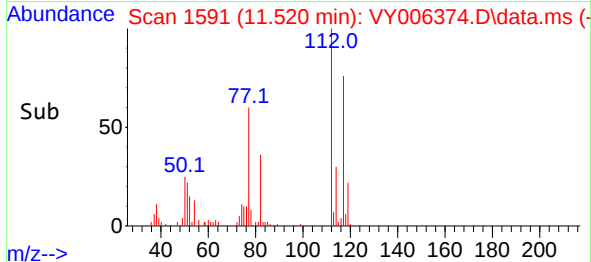
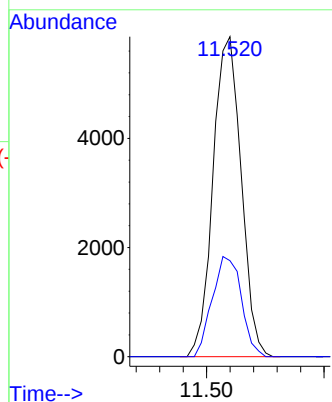
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



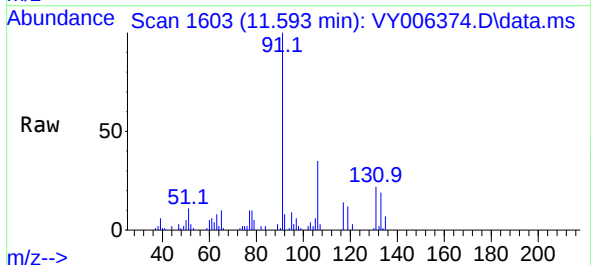
Tgt Ion:112 Resp: 9744
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6

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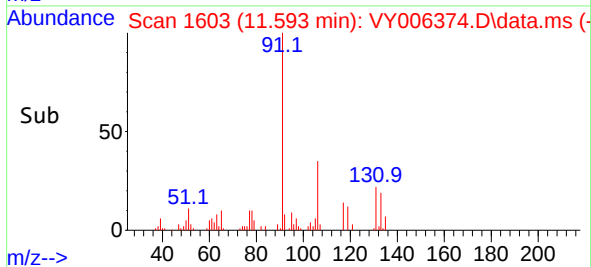
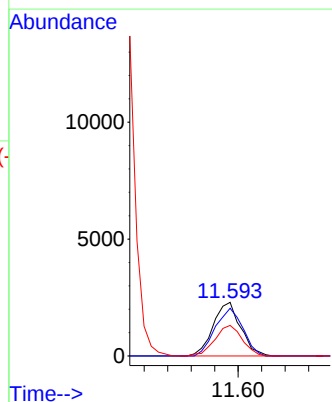
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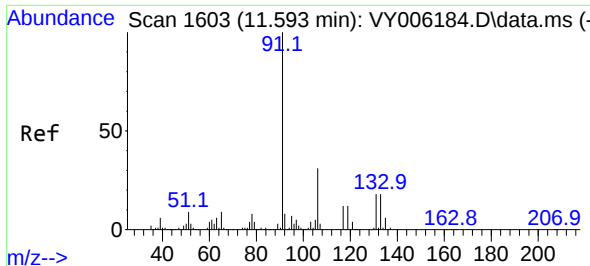


#66
1,1,1,2-Tetrachloroethane
Concen: 2.598 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



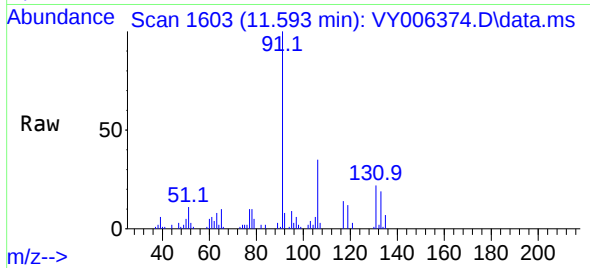
Tgt Ion:131 Resp: 3726
Ion Ratio Lower Upper
131 100
133 89.5 47.9 143.6
119 56.6 30.8 92.3





#67
Ethyl Benzene
Concen: 2.296 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

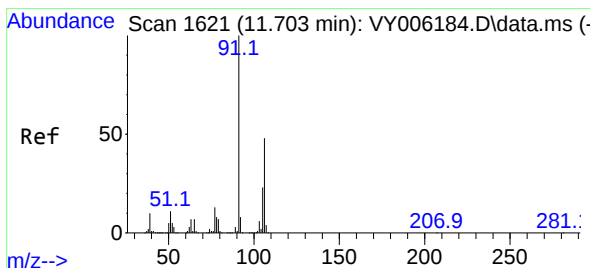
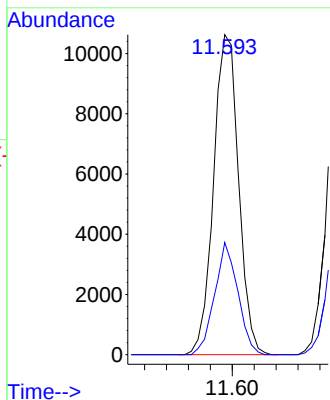
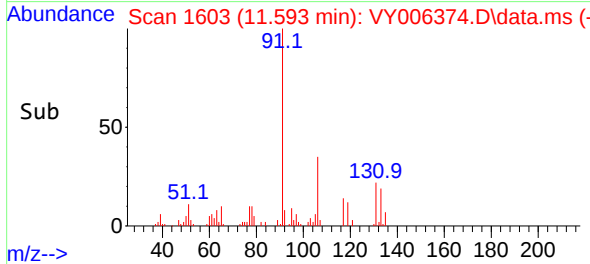
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



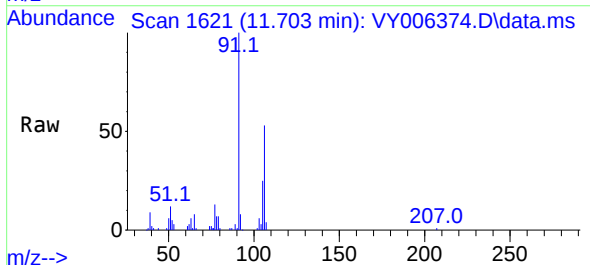
Tgt Ion: 91 Resp: 16844
Ion Ratio Lower Upper
91 100
106 35.1 24.5 36.7

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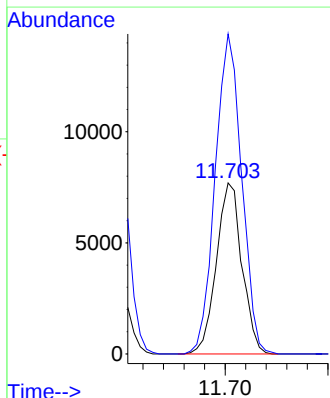
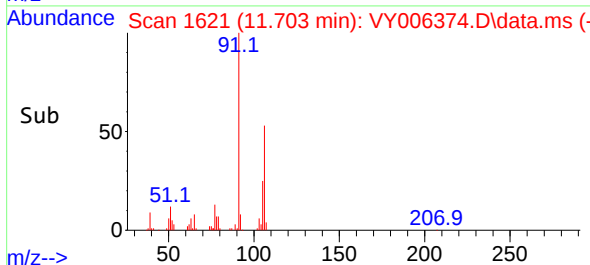
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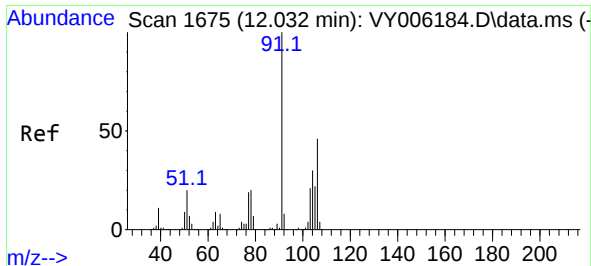


#68
m/p-Xylenes
Concen: 4.770 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



Tgt Ion: 106 Resp: 13278
Ion Ratio Lower Upper
106 100
91 193.9 166.6 249.8





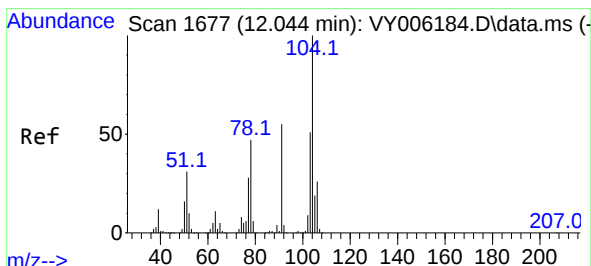
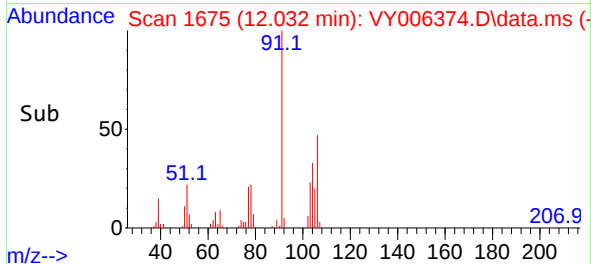
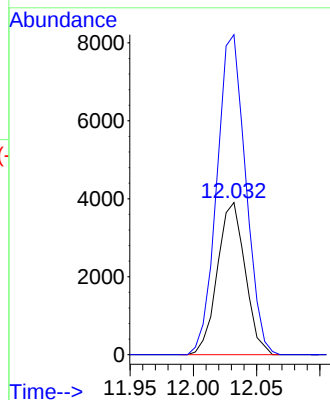
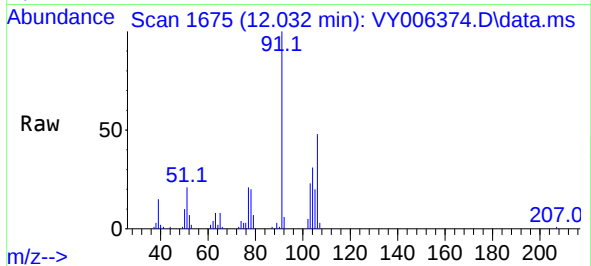
#69
o-Xylene
Concen: 2.267 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:106 Resp: 5959
Ion Ratio Lower Upper
106 100
91 218.1 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

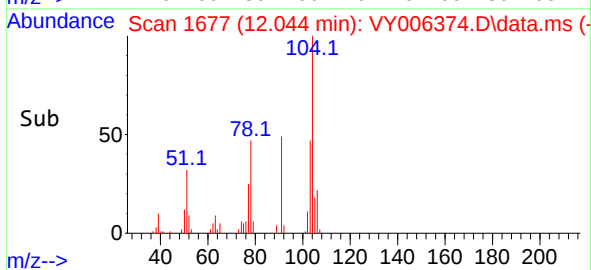
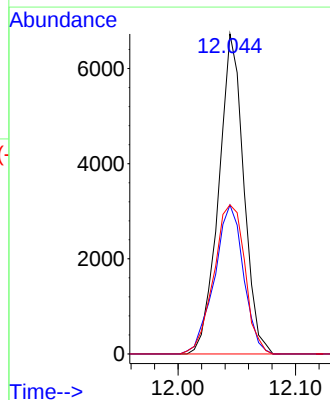
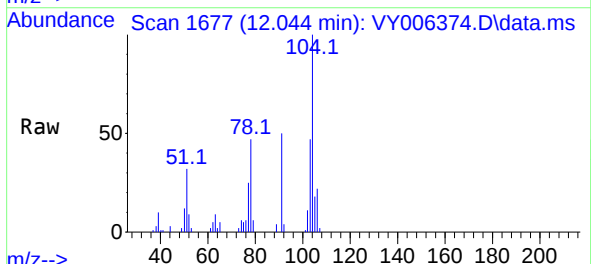
Manual Integrations
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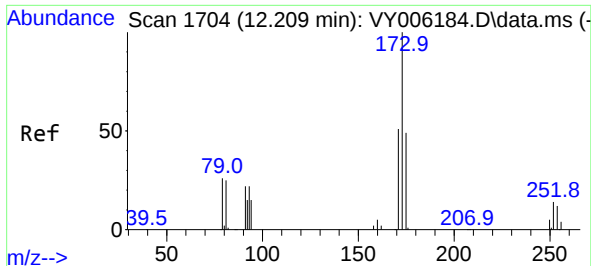
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#70
Styrene
Concen: 2.234 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:104 Resp: 9973
Ion Ratio Lower Upper
104 100
78 54.0 42.4 63.6
103 57.7 44.4 66.6





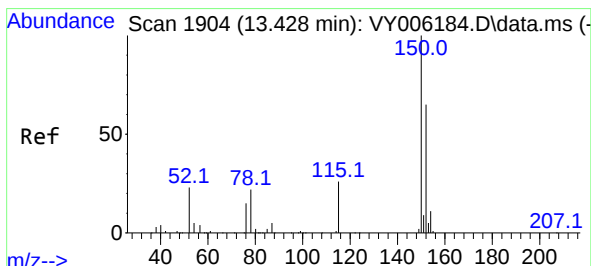
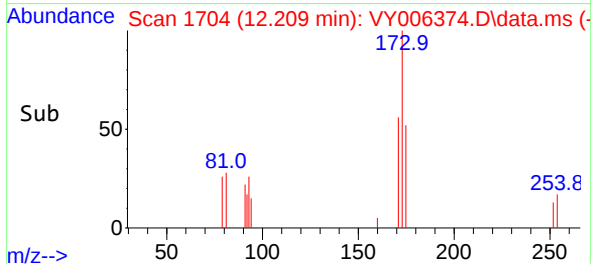
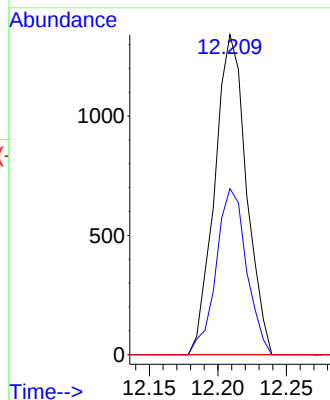
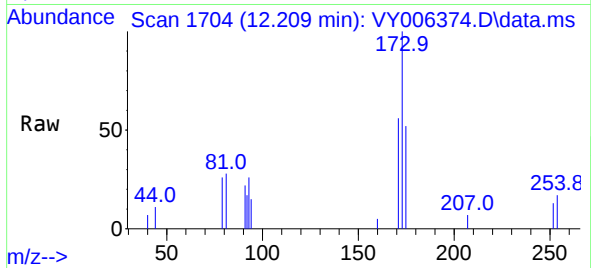
#71
Bromoform
Concen: 2.420 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:173 Resp: 2158
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

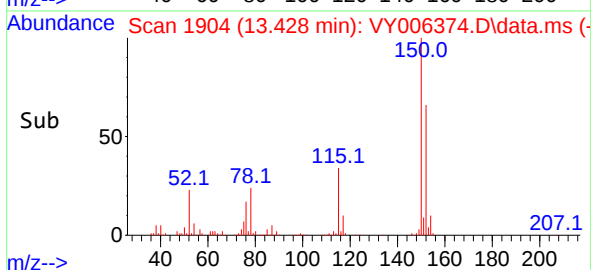
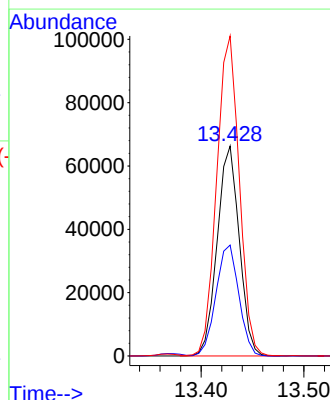
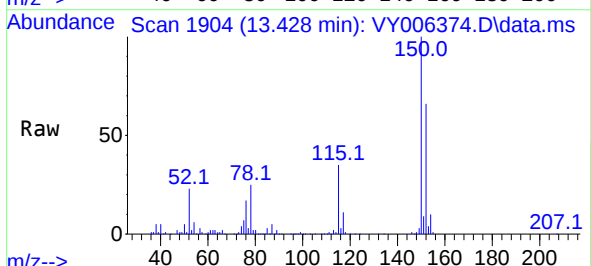
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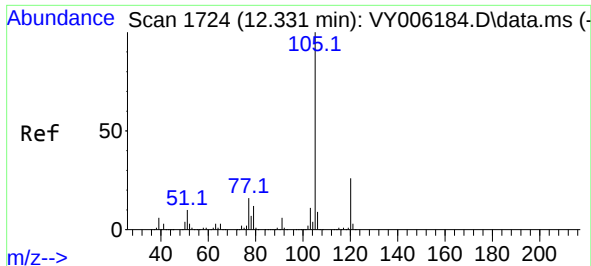
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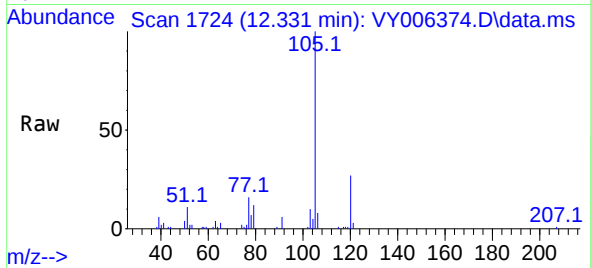
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:152 Resp: 98753
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 155.8 0.0 347.6

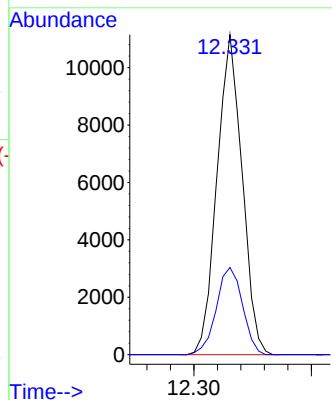




#73
Isopropylbenzene
Concen: 2.339 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



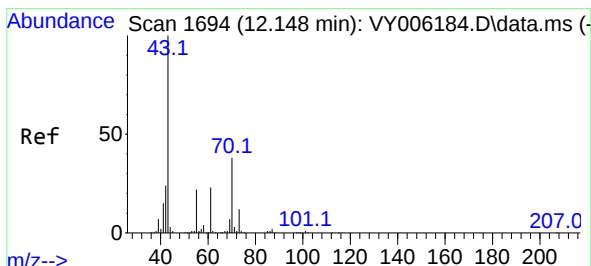
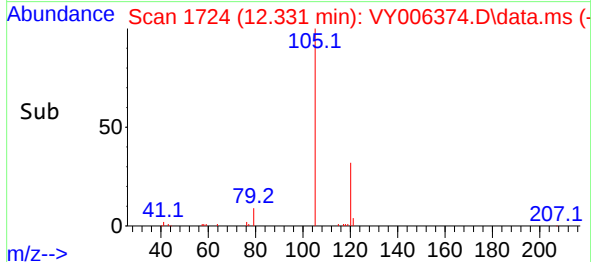
Tgt Ion: 105 Resp: 16545
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.2



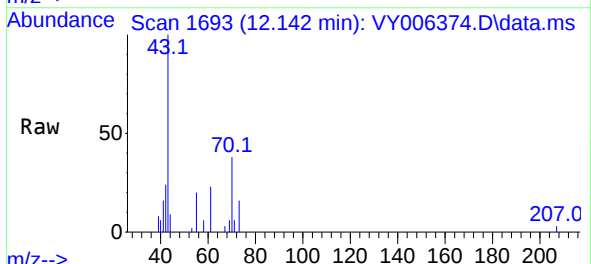
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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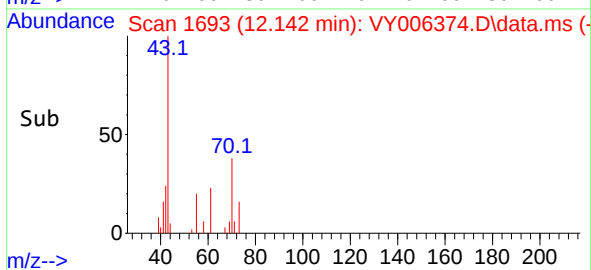
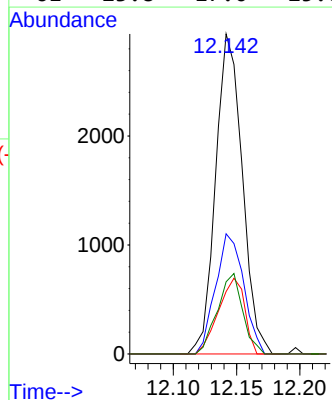
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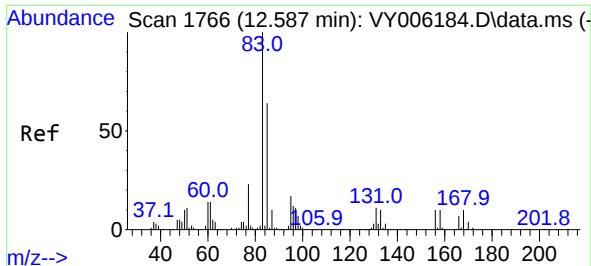


#74
N-ethyl acetate
Concen: 1.958 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



Tgt Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
70 39.5 28.7 43.1
55 23.2 17.3 25.9
61 23.8 17.0 25.6





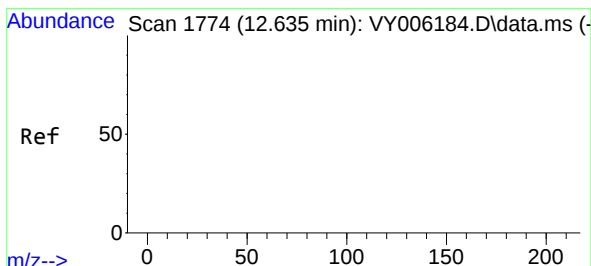
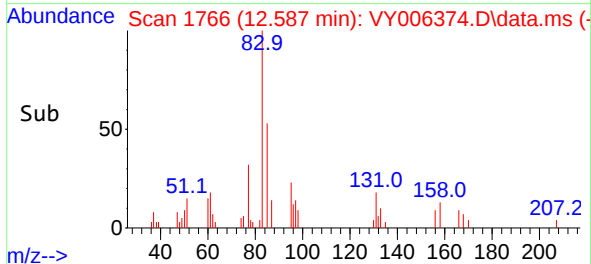
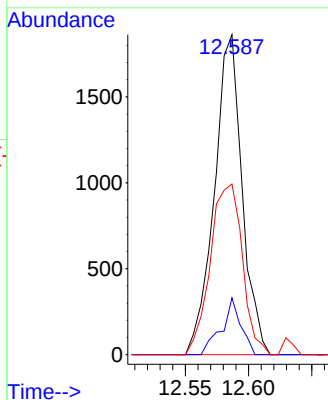
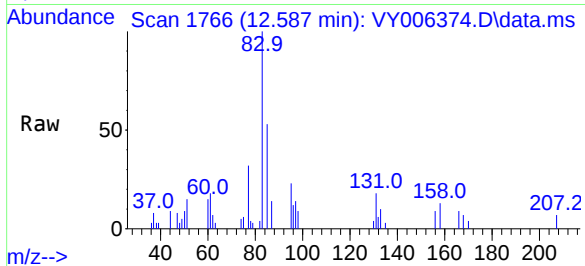
#75
1,1,2,2-Tetrachloroethane
Concen: 2.225 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 83 Resp: 2843
Ion Ratio Lower Upper
83 100
131 12.3 5.6 16.8
85 61.5 32.3 96.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

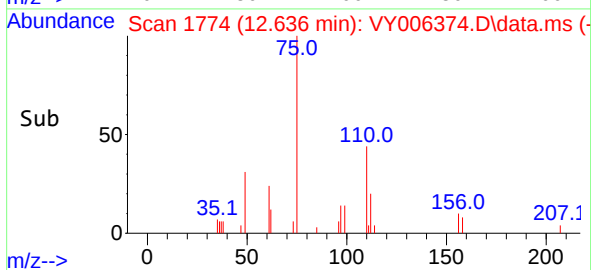
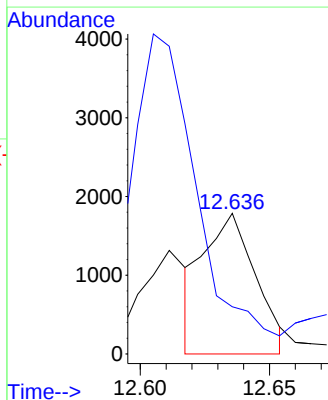
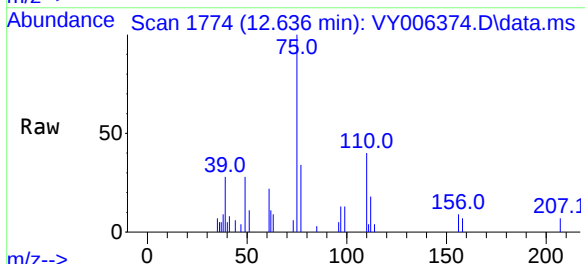
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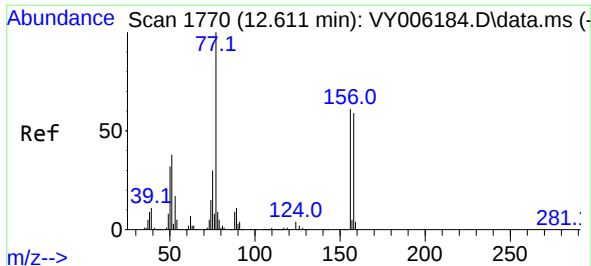
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#76
1,2,3-Trichloropropane
Concen: 2.599 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 75 Resp: 2495
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





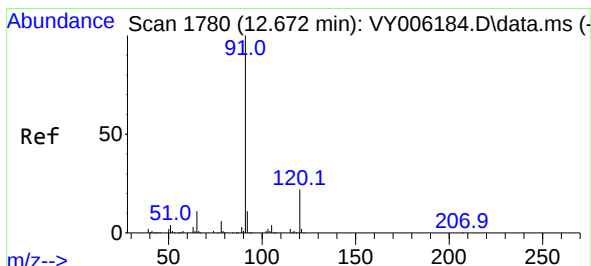
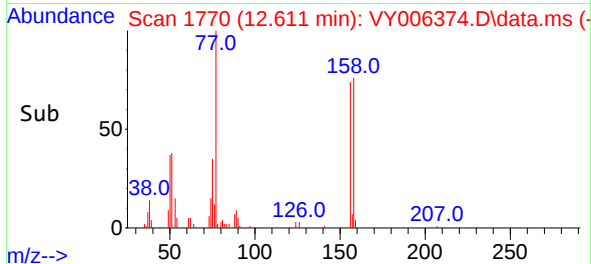
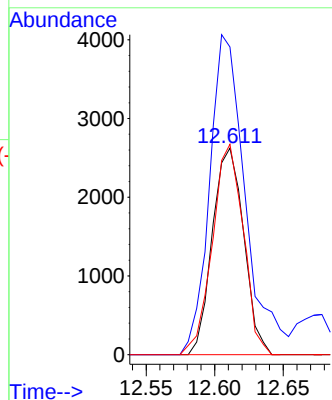
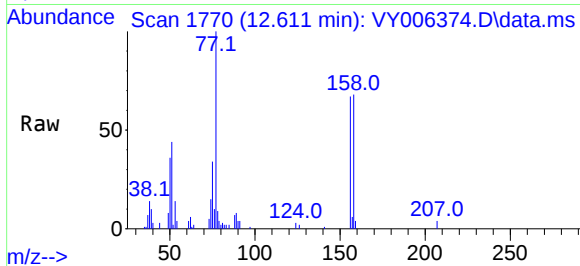
#77
Bromobenzene
Concen: 2.515 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 156 Resp: 4172
Ion Ratio Lower Upper
156 100
77 176.4 95.5 286.4
158 100.6 48.0 144.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

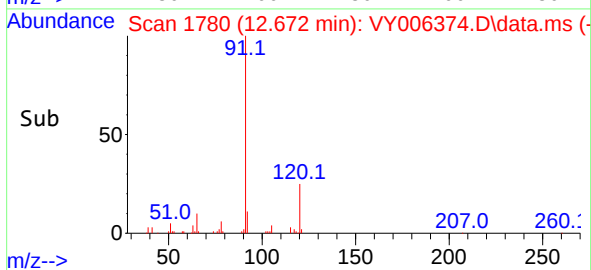
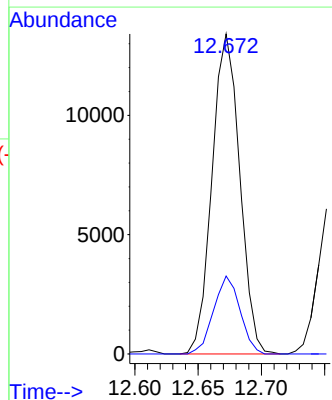
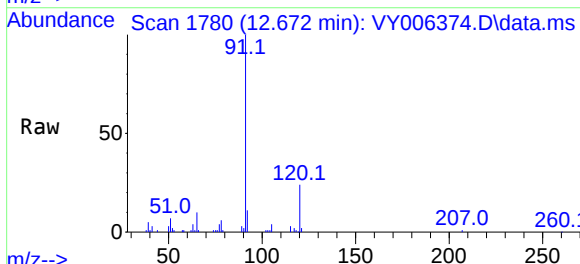
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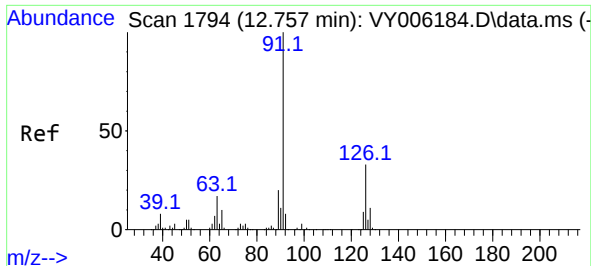
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#78
n-propylbenzene
Concen: 2.344 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

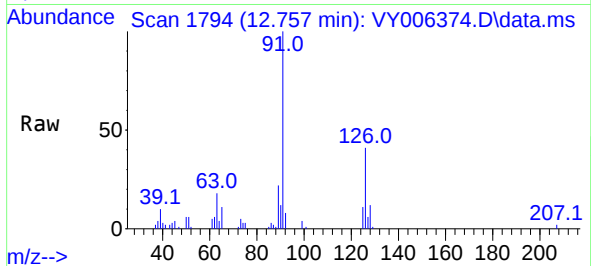
Tgt Ion: 91 Resp: 20411
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9





#79
2-Chlorotoluene
Concen: 2.285 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

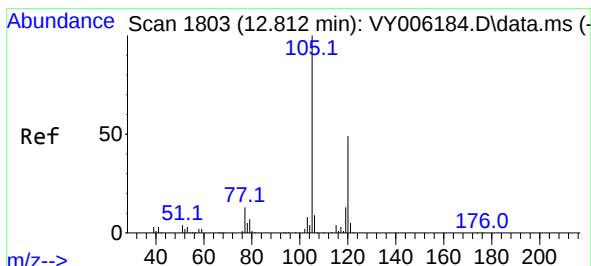
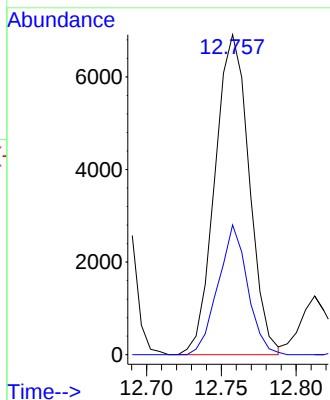
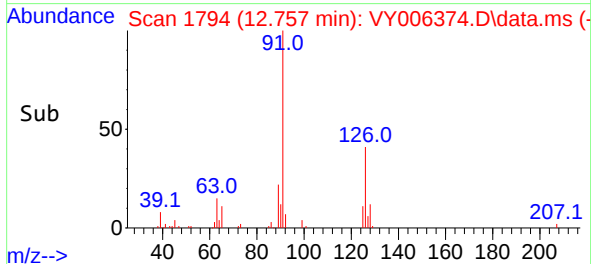
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



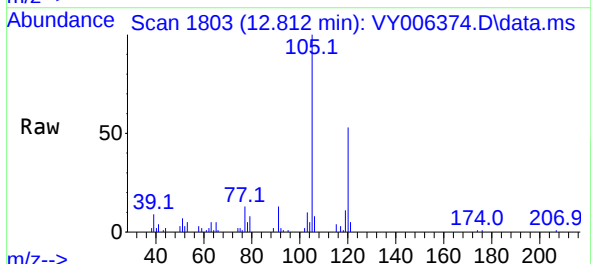
Tgt Ion: 91 Resp: 11008
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6

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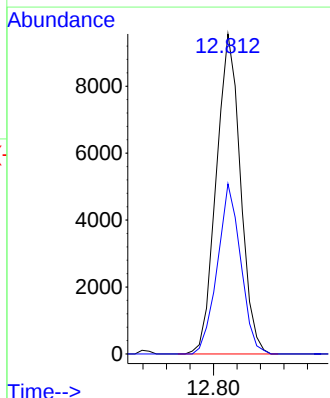
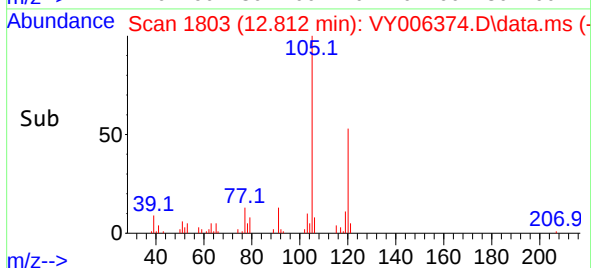
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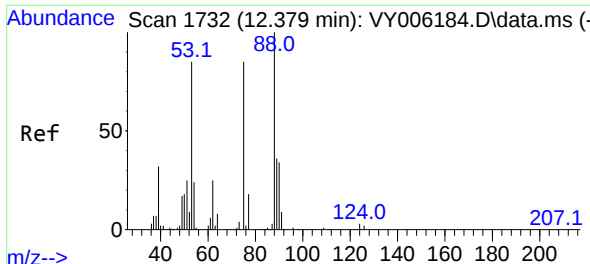


#80
1,3,5-Trimethylbenzene
Concen: 2.309 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



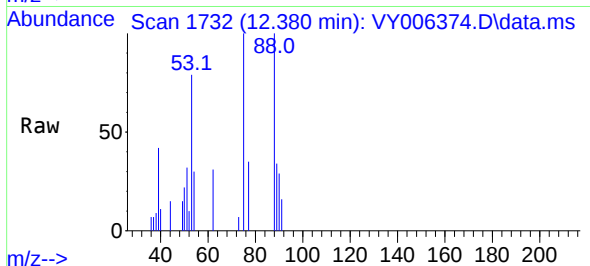
Tgt Ion: 105 Resp: 13657
Ion Ratio Lower Upper
105 100
120 51.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.320 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

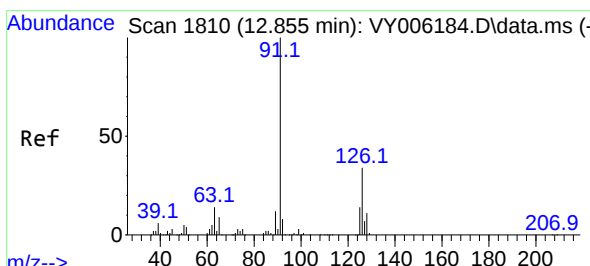
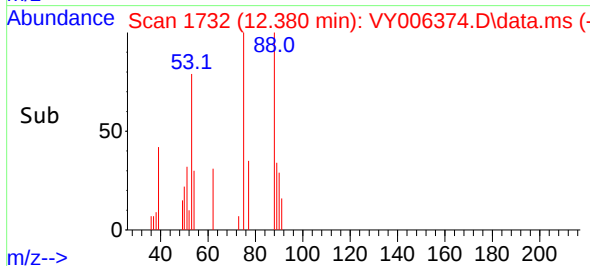
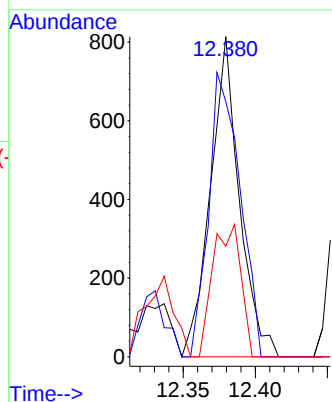
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

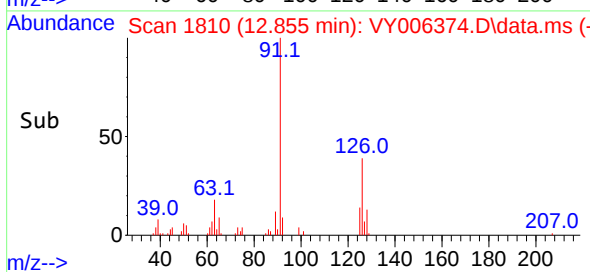
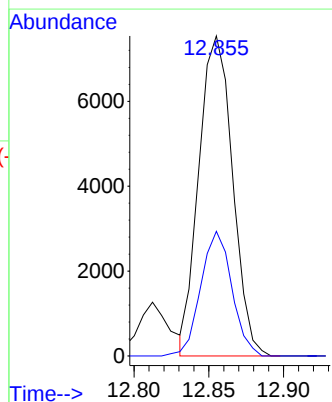
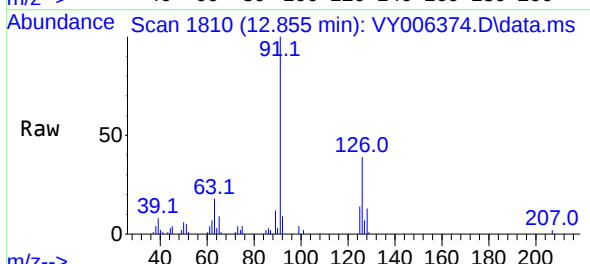
Manual Integrations
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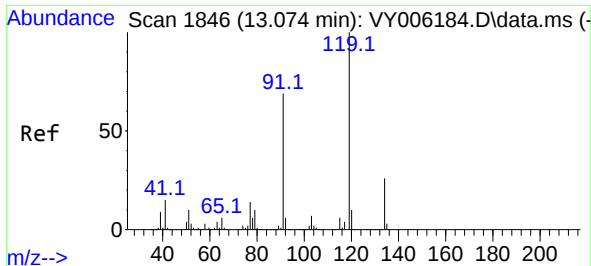
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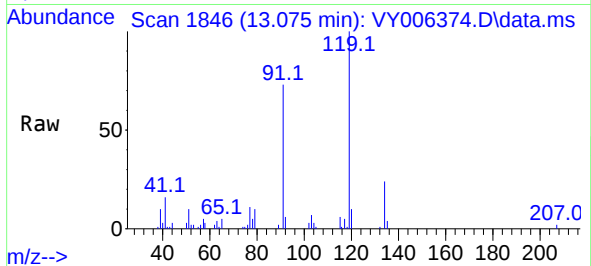
#82
4-Chlorotoluene
Concen: 2.370 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion: 91 Resp: 11810
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0

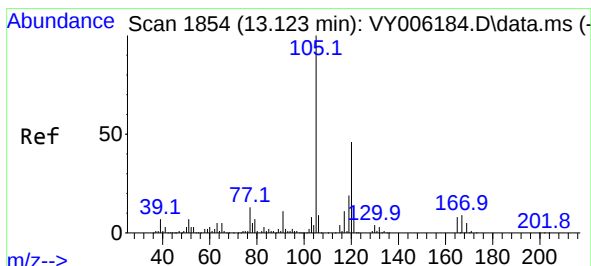
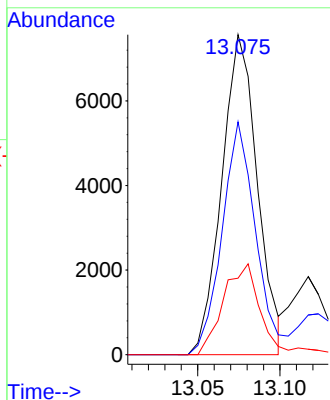
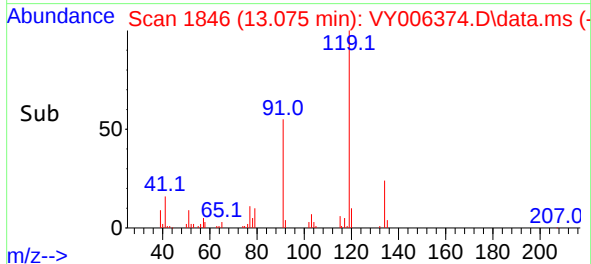




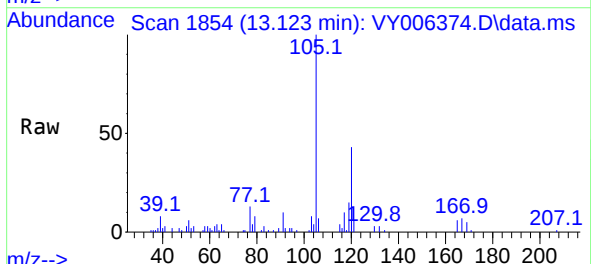
#83
tert-Butylbenzene
Concen: 2.254 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



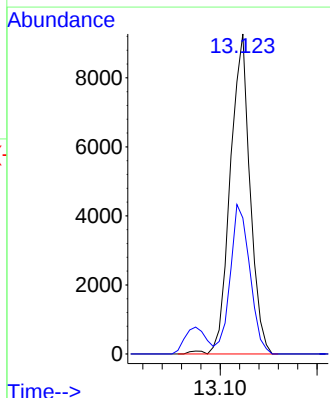
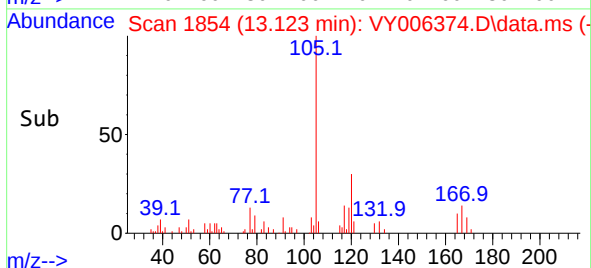
Tgt Ion:119 Resp: 11399
Ion Ratio Lower Upper
119 100
91 69.1 34.8 104.4
134 30.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.250 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



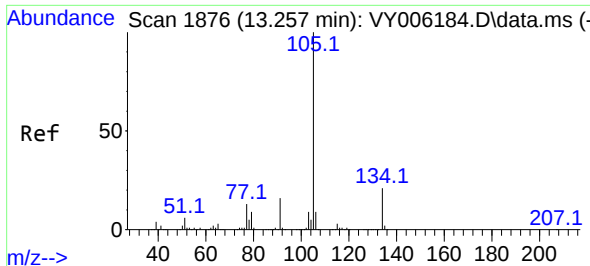
Tgt Ion:105 Resp: 13143
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

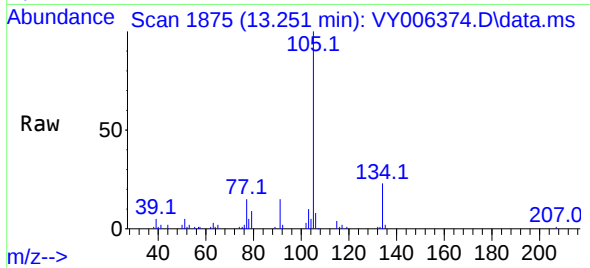
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#85
 sec-Butylbenzene
 Concen: 2.326 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY006374.D
 Acq: 12 Oct 2021 12:18

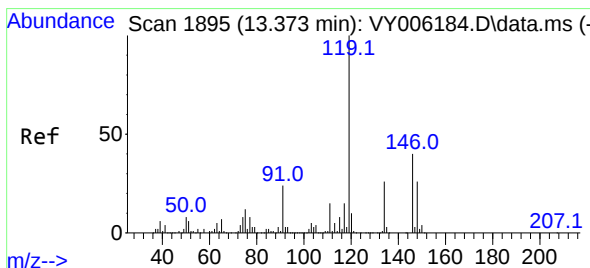
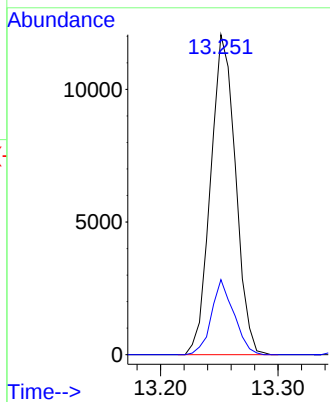
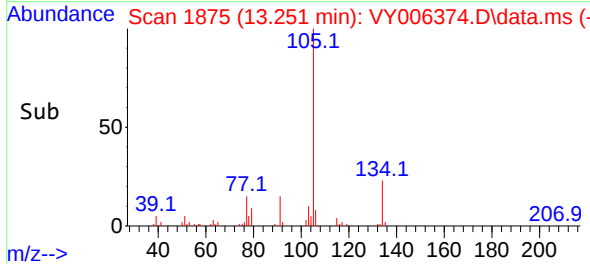
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



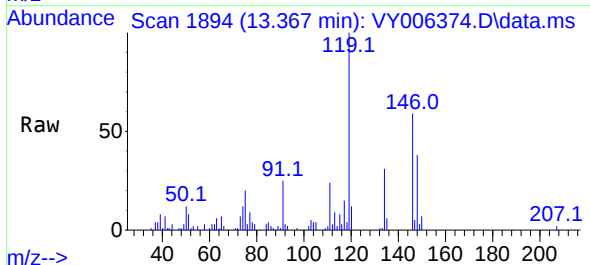
Tgt Ion:105 Resp: 17778
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

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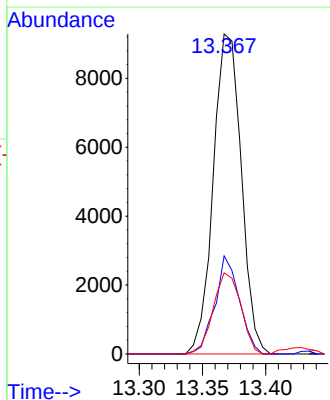
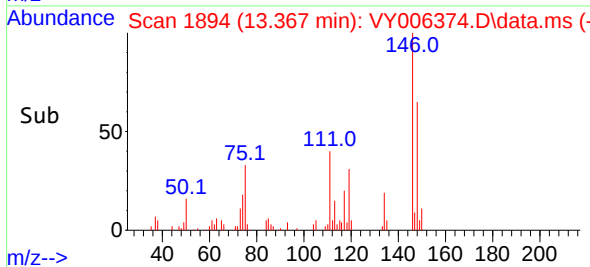
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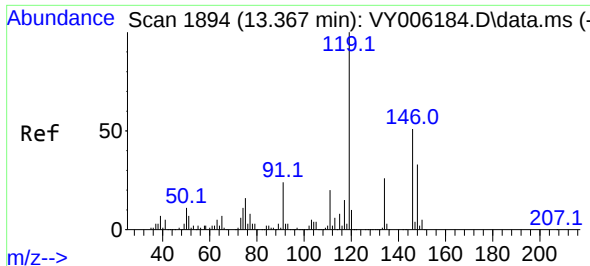


#86
 p-Isopropyltoluene
 Concen: 2.216 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY006374.D
 Acq: 12 Oct 2021 12:18



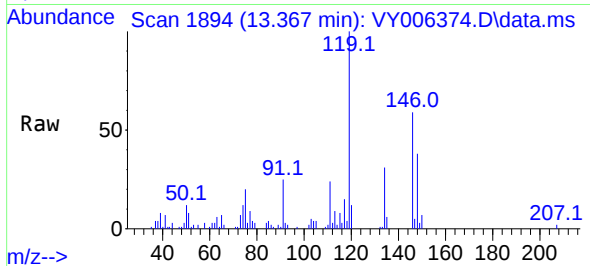
Tgt Ion:119 Resp: 14291
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 2.527 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

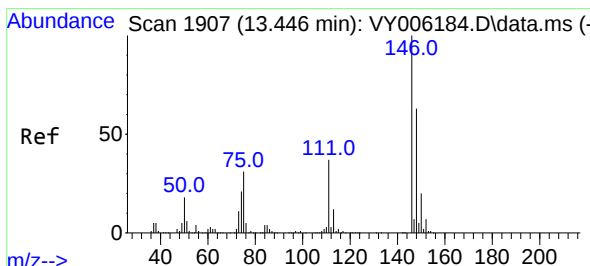
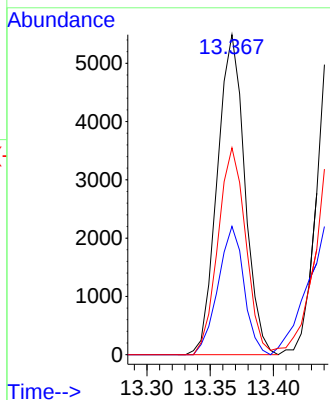
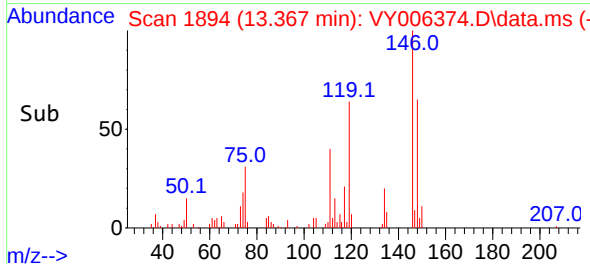
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



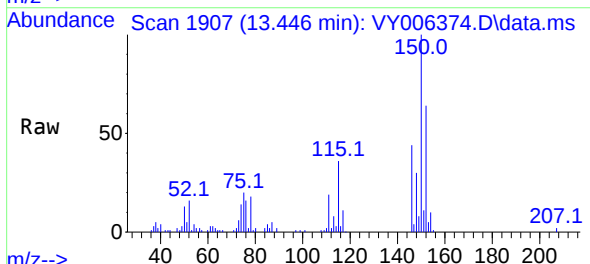
Tgt Ion:146 Resp: 8304
Ion Ratio Lower Upper
146 100
111 37.8 19.5 58.5
148 65.2 31.6 95.0

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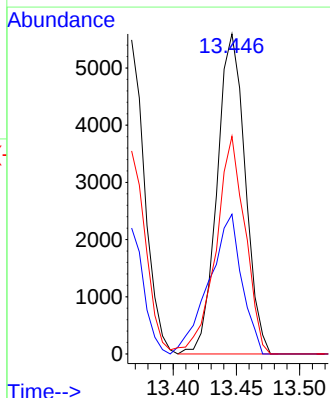
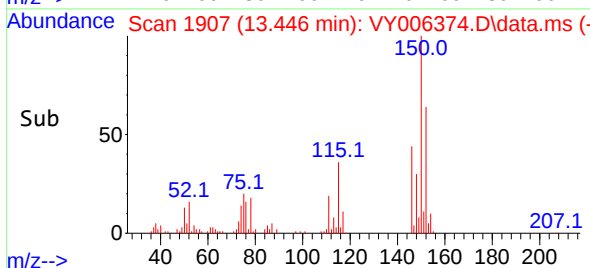
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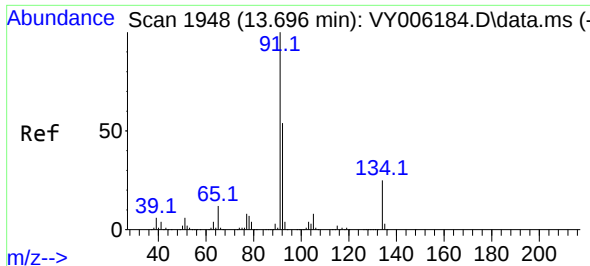


#88
1,4-Dichlorobenzene
Concen: 2.670 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



Tgt Ion:146 Resp: 8651
Ion Ratio Lower Upper
146 100
111 50.9 19.3 57.8
148 70.8 32.6 97.8





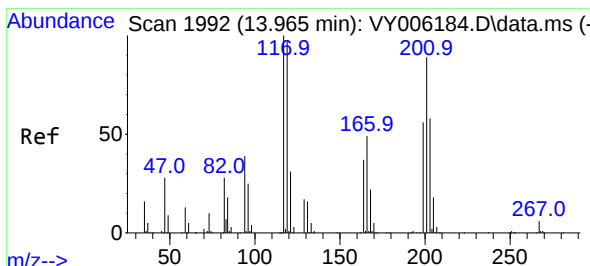
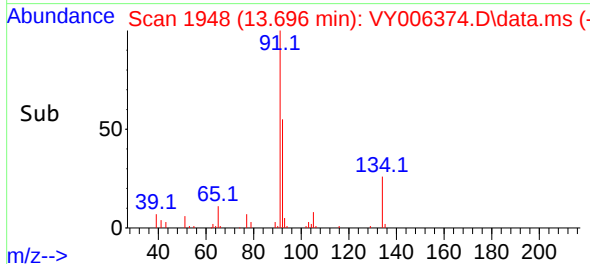
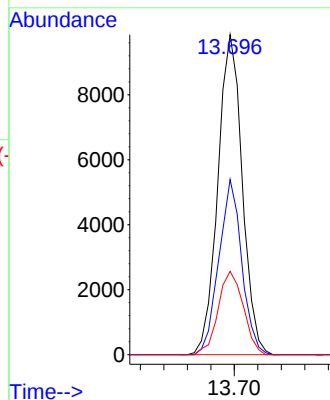
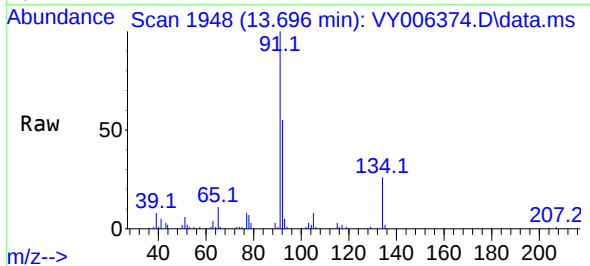
#89
n-Butylbenzene
Concen: 2.319 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	91	Resp:	14208
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.3	78.9
134	26.9	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

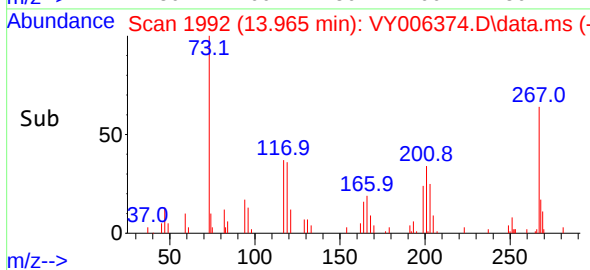
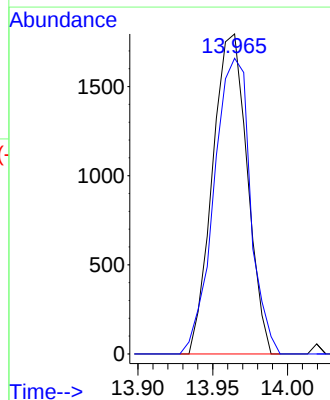
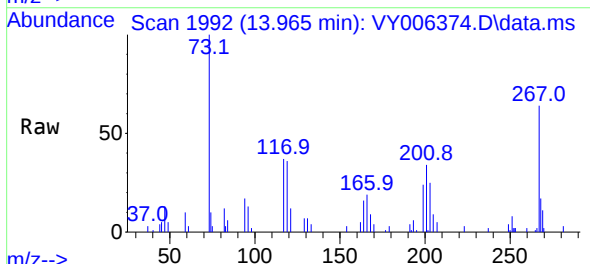
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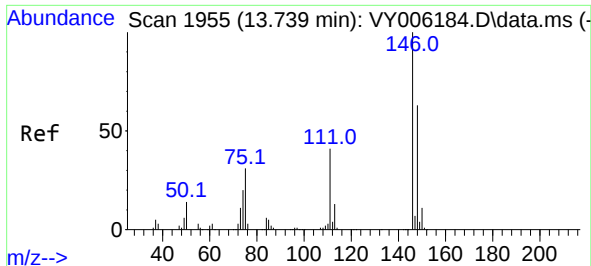
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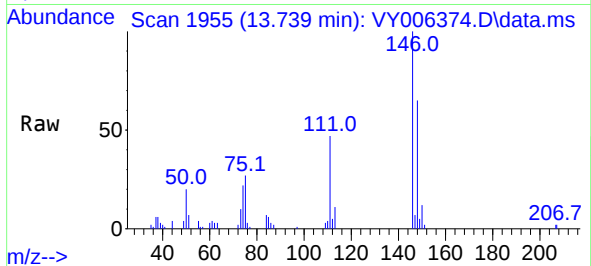
#90
Hexachloroethane
Concen: 2.472 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	117	Resp:	2895
Ion	Ratio	Lower	Upper
117	100		
201	97.0	43.0	128.8

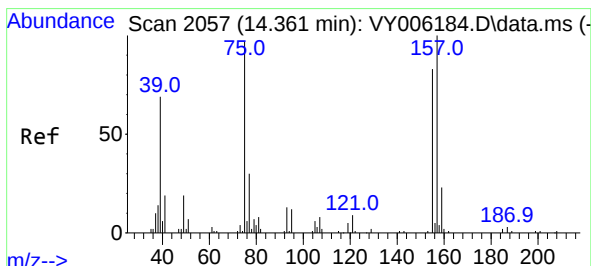
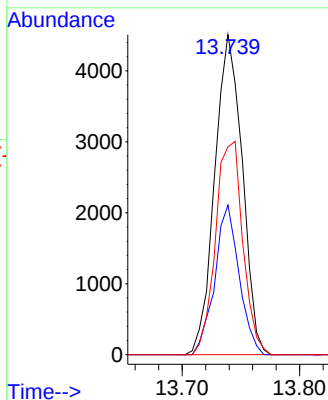
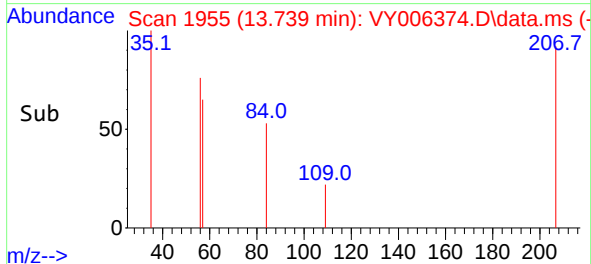




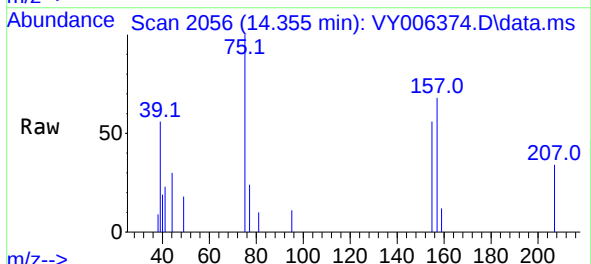
#91
1,2-Dichlorobenzene
Concen: 2.556 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



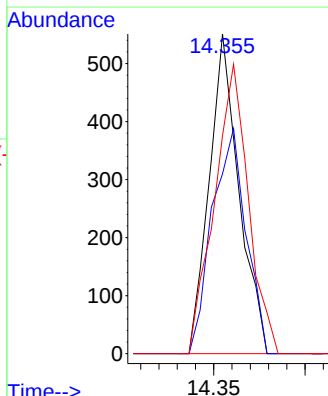
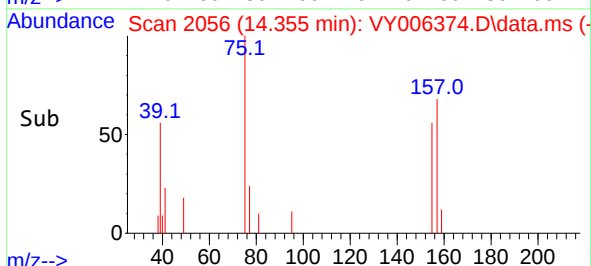
Tgt Ion:	146	Resp:	7345
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.3	60.9
148	66.3	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.556 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



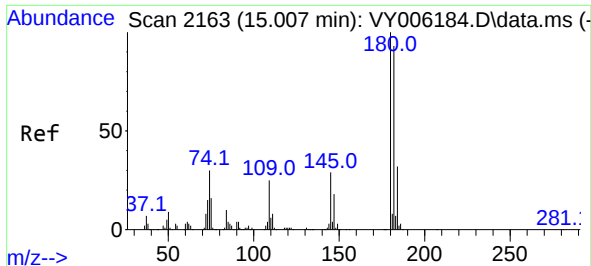
Tgt Ion:	75	Resp:	622
Ion Ratio	Lower	Upper	
75	100		
155	80.2	38.0	113.9
157	103.4	47.8	143.3



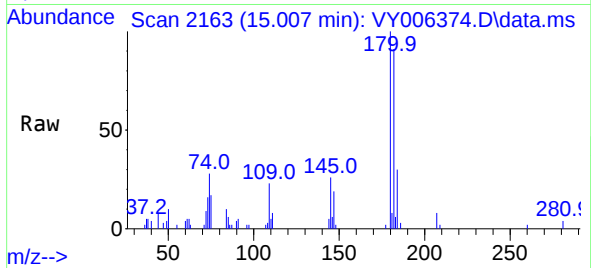
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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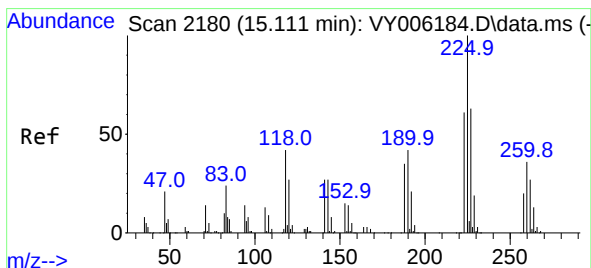
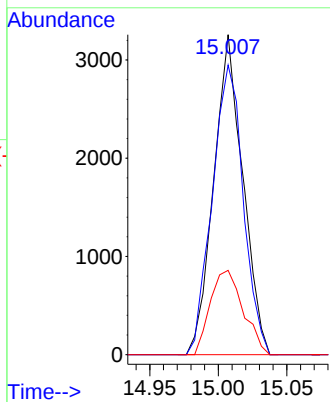
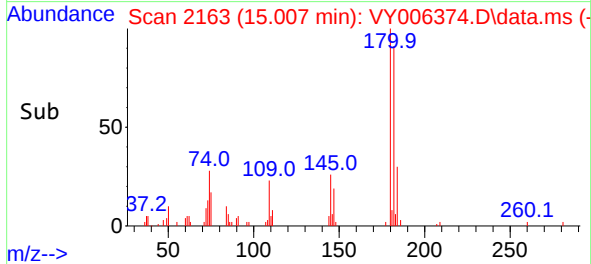
MMDadoda
10/15/2021 6:22:33 PM



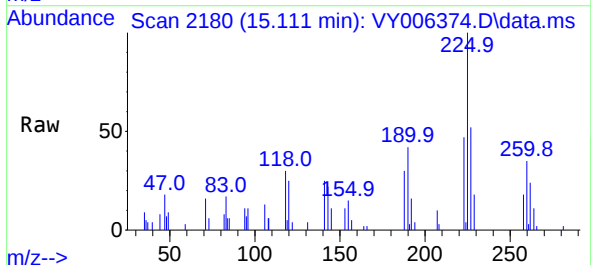
#93
1,2,4-Trichlorobenzene
Concen: 2.535 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



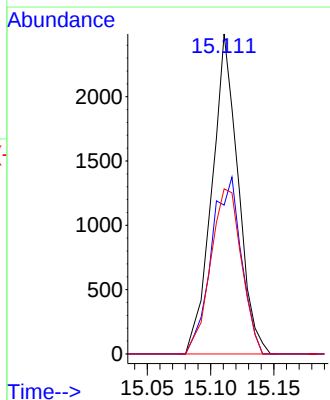
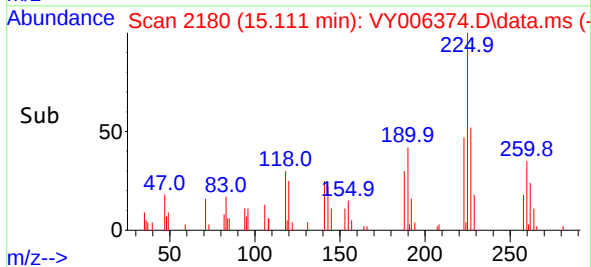
Tgt Ion:180 Resp: 4813
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.9
145 29.8 14.6 43.8



#94
Hexachlorobutadiene
Concen: 2.889 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18



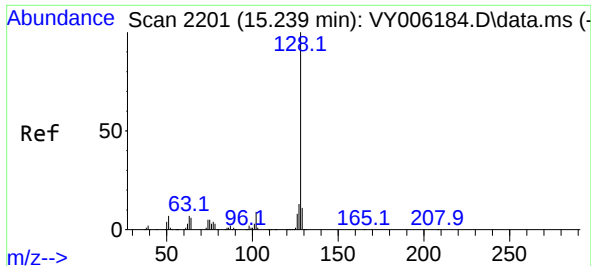
Tgt Ion:225 Resp: 3579
Ion Ratio Lower Upper
225 100
223 63.4 30.8 92.3
227 60.8 31.6 94.7



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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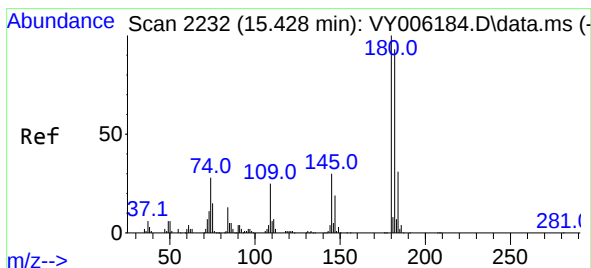
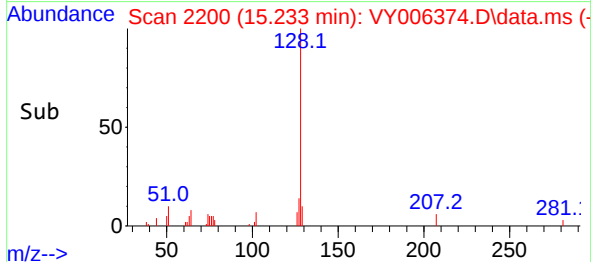
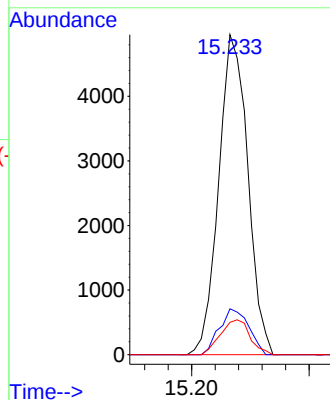
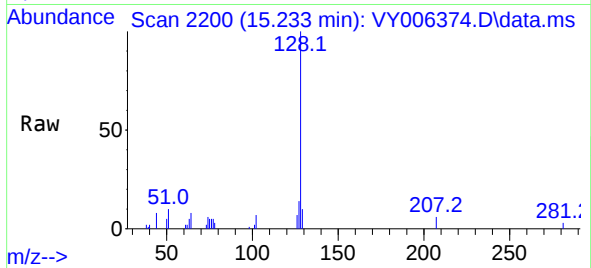
#95
Naphthalene
Concen: 2.258 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	128	Resp:	8517
Ion Ratio	Lower	Upper	
128	100		
127	14.5	11.0	16.4
129	11.1	8.4	12.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 2.562 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006374.D
Acq: 12 Oct 2021 12:18

Tgt Ion:	180	Resp:	4312
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	141.9
145	29.2	15.3	45.9

