

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004116.D
 Acq On : 18 Mar 2021 12:47
 Operator : SY/MD
 Sample : M1458-03
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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Quant Time: Mar 19 02:35:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 19 02:34:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	206970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94095	46.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.14%		
35) Dibromofluoromethane	7.728	113	89604	48.74	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.48%		
50) Toluene-d8	10.185	98	336541	46.69	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.38%		
62) 4-Bromofluorobenzene	12.483	95	121210	45.54	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	4644	2.79	ug/l	99
3) Chloromethane	2.119	50	6418	2.87	ug/l	98
4) Vinyl Chloride	2.259	62	6955	2.78	ug/l	98
5) Bromomethane	2.668	94	5368	3.36	ug/l	88
6) Chloroethane	2.802	64	4234	2.78	ug/l	95
7) Trichlorofluoromethane	3.143	101	9269	2.79	ug/l	94
8) Diethyl Ether	3.534	74	3033	2.85	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	5137	2.76	ug/l	96
10) Methyl Iodide	4.107	142	4148	2.18	ug/l	94
11) Tert butyl alcohol	4.972	59	2588	14.01	ug/l #	90
12) 1,1-Dichloroethene	3.887	96	5433	2.99	ug/l	82
13) Acrolein	3.735	56	1816	9.91	ug/l	100
14) Allyl chloride	4.491	41	6974	2.32	ug/l #	87
15) Acrylonitrile	5.174	53	6723	12.69	ug/l	98
16) Acetone	3.960	43	6345	12.87	ug/l	97
17) Carbon Disulfide	4.204	76	13721	2.56	ug/l #	92
18) Methyl Acetate	4.497	43	3960	3.25	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	13505	2.61	ug/l	95
20) Methylene Chloride	4.735	84	14276	6.00	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	5775	2.82	ug/l #	83
22) Diisopropyl ether	6.131	45	15199	2.39	ug/l	98
23) Vinyl Acetate	6.076	43	44781	10.71	ug/l	100
24) 1,1-Dichloroethane	6.033	63	9174	2.60	ug/l #	89
25) 2-Butanone	6.996	43	8316	11.70	ug/l	96
26) 2,2-Dichloropropane	6.990	77	8910	2.64	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	6177	2.65	ug/l	90
28) Bromochloromethane	7.350	49	3732	2.42	ug/l #	87
29) Tetrahydrofuran	7.362	42	5506	11.93	ug/l	89
30) Chloroform	7.521	83	9906	2.71	ug/l	96
31) Cyclohexane	7.795	56	12772	3.56	ug/l #	58
32) 1,1,1-Trichloroethane	7.710	97	8992	2.65	ug/l	99
36) 1,1-Dichloropropene	7.929	75	7763	2.71	ug/l	98
37) Ethyl Acetate	7.082	43	3599	2.33	ug/l #	95
38) Carbon Tetrachloride	7.911	117	7825	2.58	ug/l	92
39) Methylcyclohexane	9.191	83	10190	2.75	ug/l	90
40) Benzene	8.167	78	22106	2.74	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2424m	2.54	ug/l	
42) 1,2-Dichloroethane	8.246	62	6616	2.68	ug/l	98
43) Isopropyl Acetate	8.289	43	6934	2.24	ug/l #	91
44) Trichloroethene	8.947	130	7026	3.01	ug/l	95
45) 1,2-Dichloropropane	9.222	63	5086	2.52	ug/l	91
46) Dibromomethane	9.313	93	3269	2.84	ug/l	94
47) Bromodichloromethane	9.502	83	7461	2.60	ug/l #	98
48) Methyl methacrylate	9.295	41	3460	2.35	ug/l	91
49) 1,4-Dioxane	9.301	88	621	42.36	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	17742	11.32	ug/l	98
52) Toluene	10.246	92	14415	2.76	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	7384	2.43	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	8176	2.41	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	4461	2.75	ug/l	96
56) Ethyl methacrylate	10.514	69	4946	2.18	ug/l #	92
57) 1,3-Dichloropropane	10.795	76	7263	2.62	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	15765	15.69	ug/l	94
59) 2-Hexanone	10.837	43	12038	10.93	ug/l	98
60) Dibromochloromethane	10.990	129	5274	2.59	ug/l	99
61) 1,2-Dibromoethane	11.093	107	4113	2.61	ug/l	96
64) Tetrachloroethene	10.721	164	7916	3.25	ug/l	92
65) Chlorobenzene	11.520	112	15495	2.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	5343	2.56	ug/l	92
67) Ethyl Benzene	11.593	91	27574	2.69	ug/l	98
68) m/p-Xylenes	11.709	106	21180	5.42	ug/l	95
69) o-Xylene	12.032	106	9839	2.66	ug/l	98
70) Styrene	12.044	104	15761	2.49	ug/l	98
71) Bromoform	12.209	173	2940	2.35	ug/l #	97
73) Isopropylbenzene	12.331	105	27841	2.72	ug/l	100
74) N-amyl acetate	12.148	43	6017	2.05	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	4341	2.44	ug/l	92
76) 1,2,3-Trichloropropane	12.636	75	3524m	2.49	ug/l	
77) Bromobenzene	12.611	156	6865	2.90	ug/l	99
78) n-propylbenzene	12.672	91	32453	2.69	ug/l	98
79) 2-Chlorotoluene	12.758	91	18843	2.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	23004	2.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1609m	2.25	ug/l	
82) 4-Chlorotoluene	12.855	91	19618	2.74	ug/l	97
83) tert-Butylbenzene	13.075	119	19801	2.65	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	23557	2.71	ug/l	98
85) sec-Butylbenzene	13.257	105	27866	2.70	ug/l	99
86) p-Isopropyltoluene	13.373	119	25948	2.72	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	13623	2.98	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	13675	3.00	ug/l	90
89) n-Butylbenzene	13.703	91	23298	2.56	ug/l	98
90) Hexachloroethane	13.965	117	4307	2.51	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	12121	2.99	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	895	2.66	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	8431	3.07	ug/l	97
94) Hexachlorobutadiene	15.117	225	4470	2.90	ug/l	98
95) Naphthalene	15.239	128	15948	2.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	6687	2.90	ug/l	91

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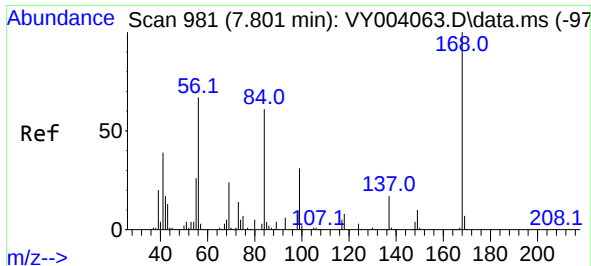
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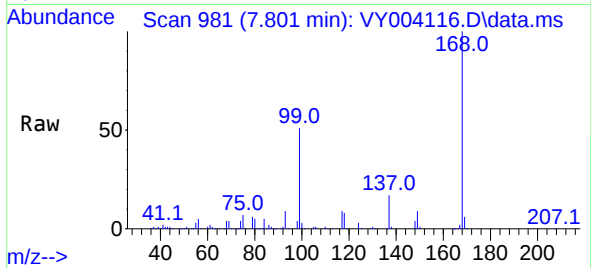
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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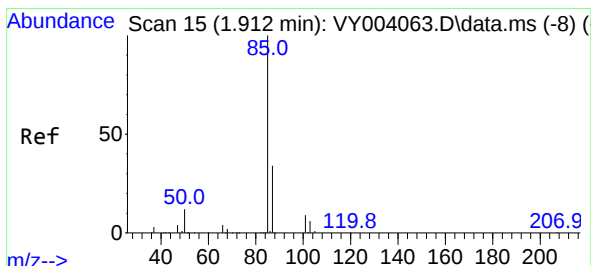
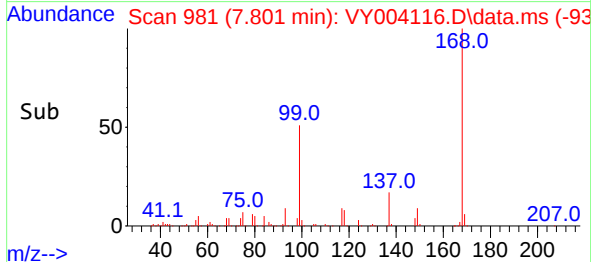
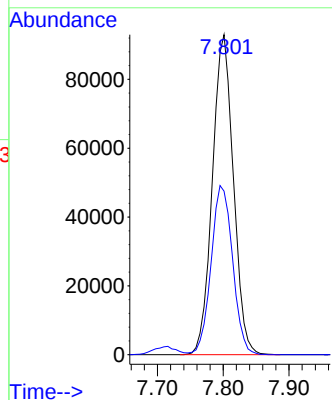
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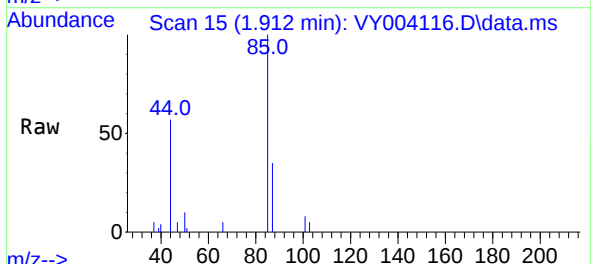
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004116.D
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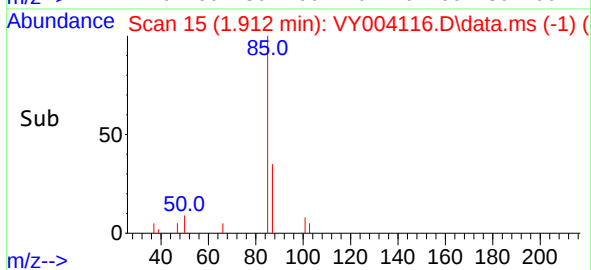
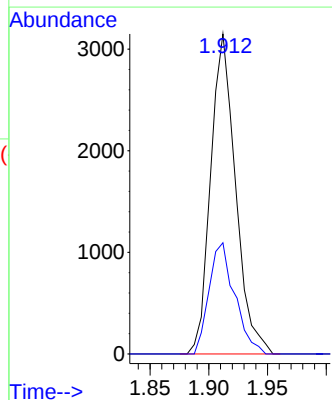
Tgt Ion:168 Resp: 206970
Ion Ratio Lower Upper
168 100
99 51.1 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 2.79 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



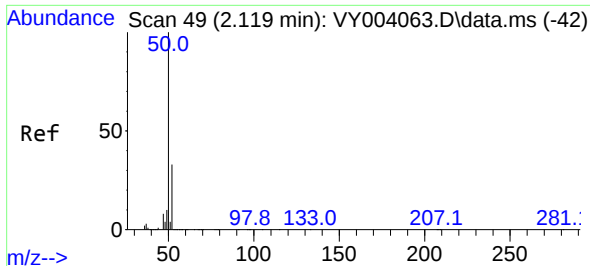
Tgt Ion: 85 Resp: 4644
Ion Ratio Lower Upper
85 100
87 34.8 17.0 51.0



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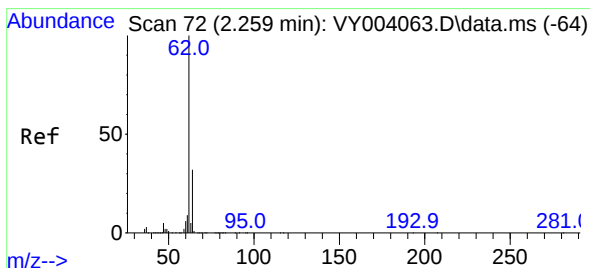
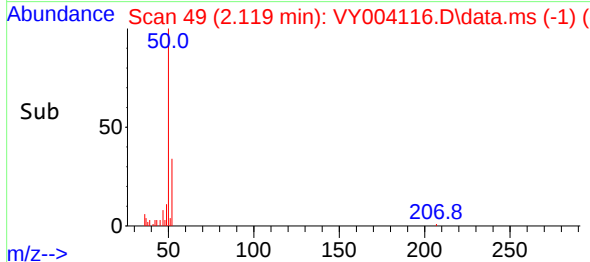
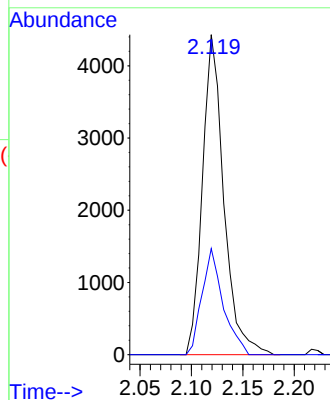
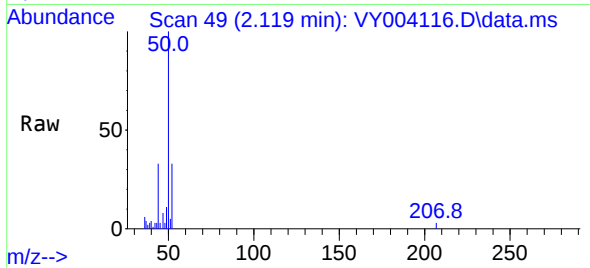
#3
Chloromethane
Concen: 2.87 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004116.D
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Tgt Ion: 50 Resp: 6418
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

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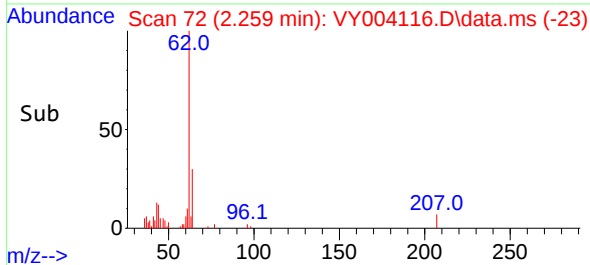
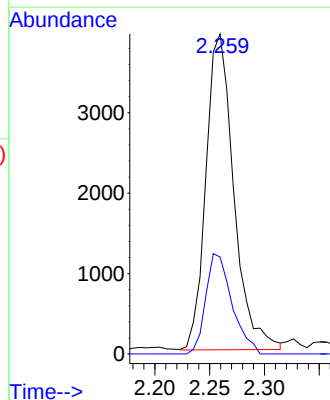
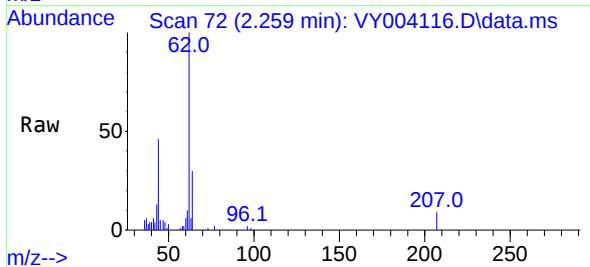
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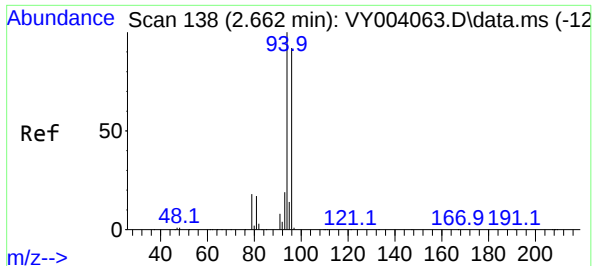
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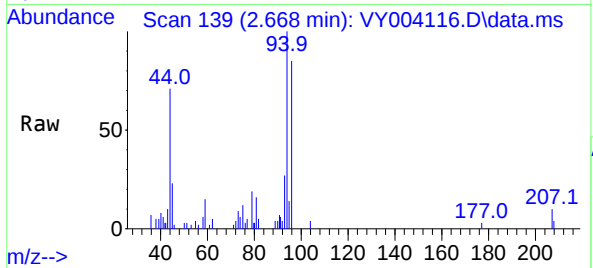
#4
Vinyl Chloride
Concen: 2.78 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 62 Resp: 6955
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9

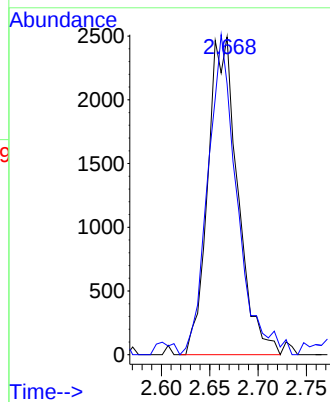
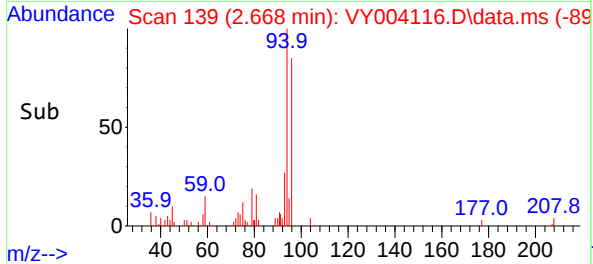




#5
Bromomethane
Concen: 3.36 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



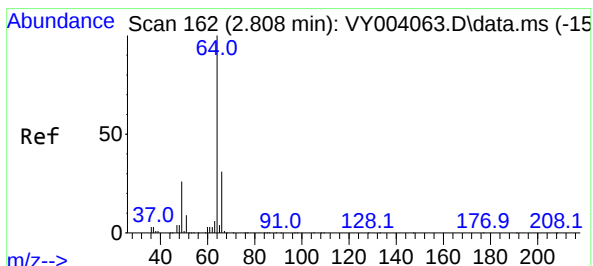
Tgt Ion: 94 Resp: 5368
Ion Ratio Lower Upper
94 100
96 85.2 77.4 116.2



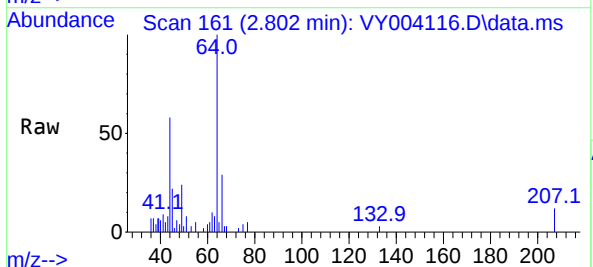
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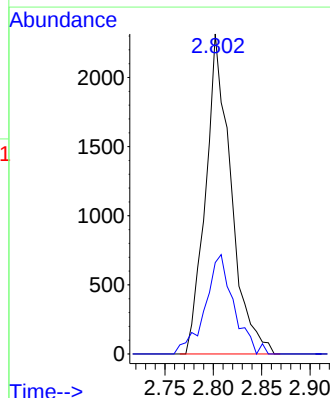
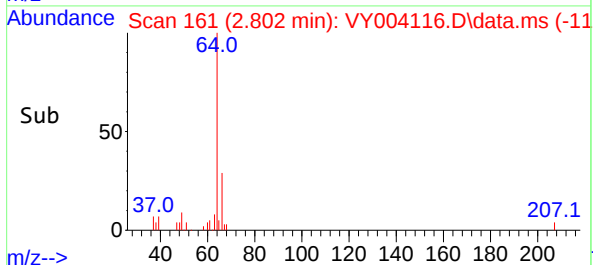
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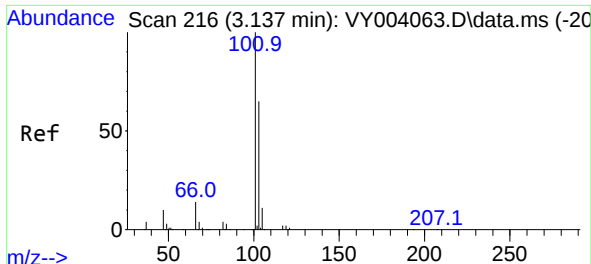


#6
Chloroethane
Concen: 2.78 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



Tgt Ion: 64 Resp: 4234
Ion Ratio Lower Upper
64 100
66 28.6 25.0 37.6





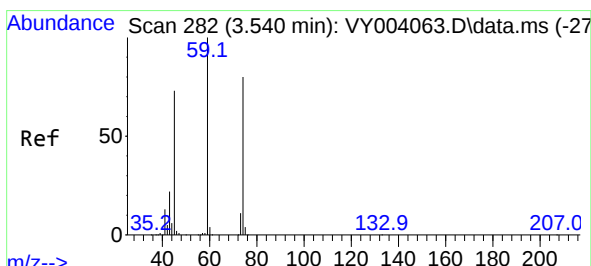
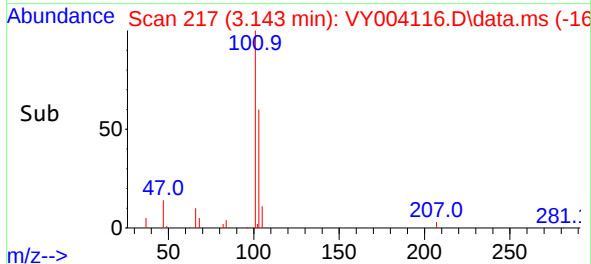
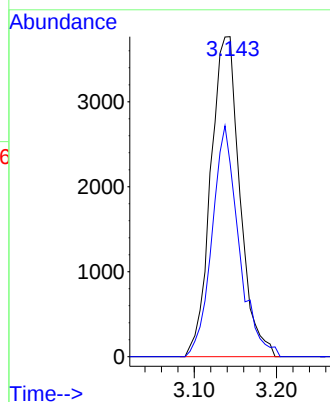
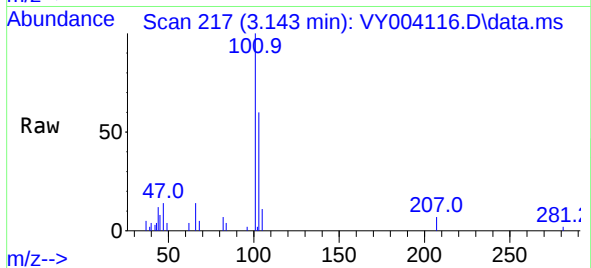
#7
Trichlorofluoromethane
Concen: 2.79 ug/l
RT: 3.143 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:101 Resp: 9269
Ion Ratio Lower Upper
101 100
103 60.4 52.2 78.2

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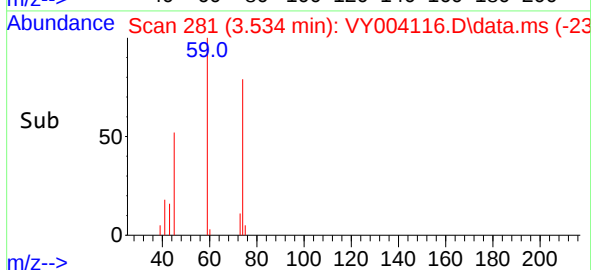
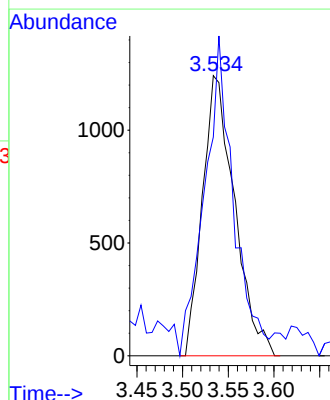
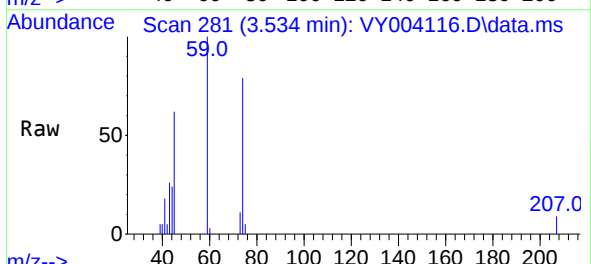
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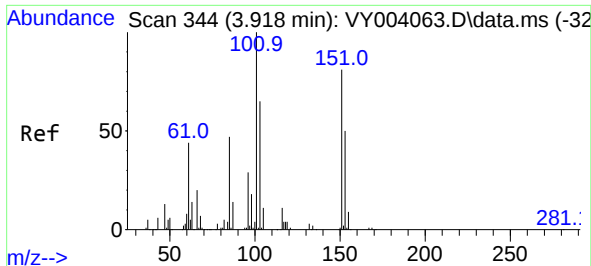
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#8
Diethyl Ether
Concen: 2.85 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY004116.D
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Tgt Ion: 74 Resp: 3033
Ion Ratio Lower Upper
74 100
45 102.2 52.6 157.8





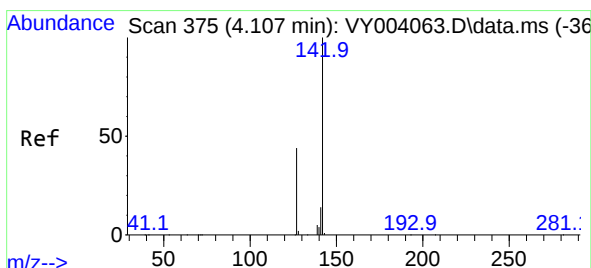
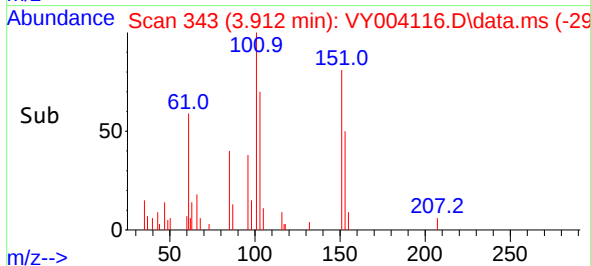
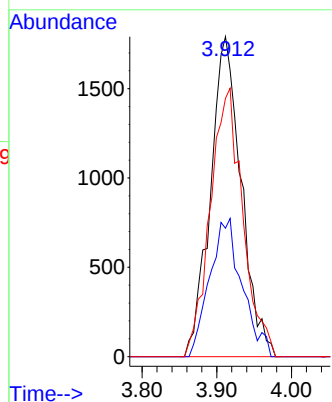
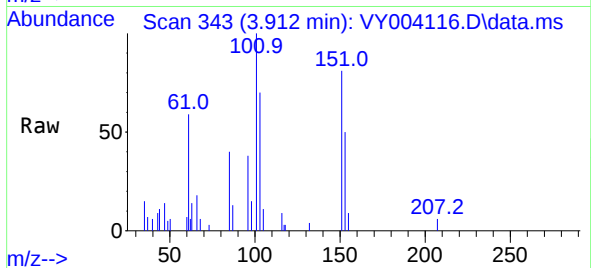
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.76 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	101	Resp:	5137
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.1	54.1
151	88.3	66.9	100.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

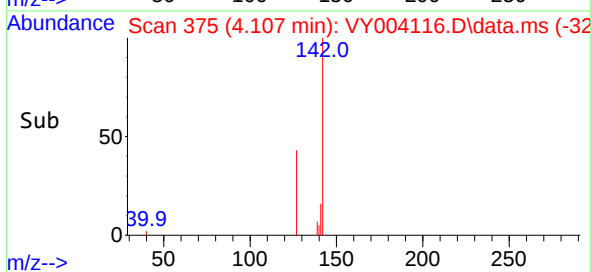
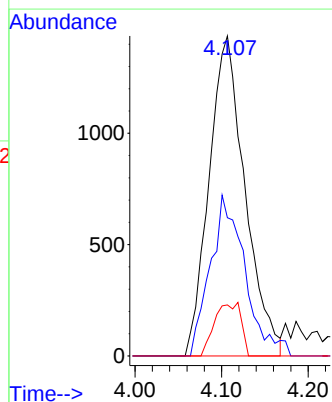
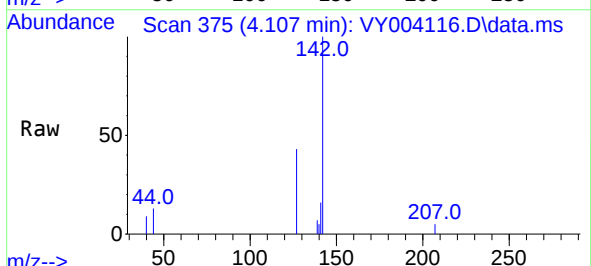
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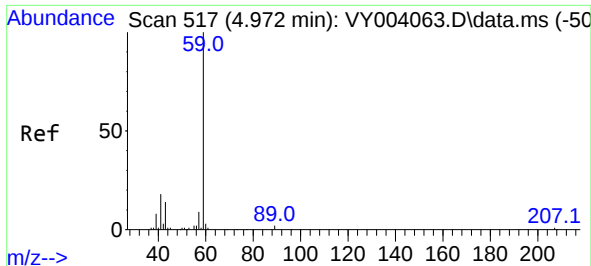
MMDadoda
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#10
Methyl Iodide
Concen: 2.18 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	142	Resp:	4148
Ion	Ratio	Lower	Upper
142	100		
127	48.6	35.4	53.0
141	12.2	11.5	17.3

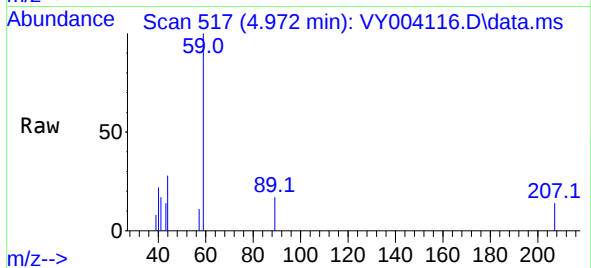




#11

Tert butyl alcohol
Concen: 14.01 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

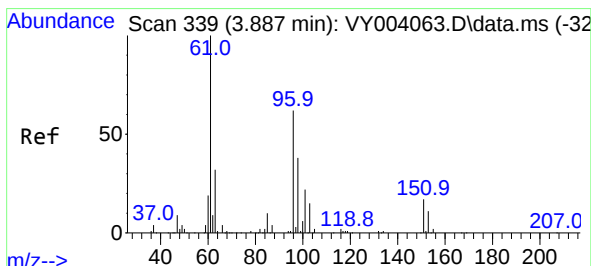
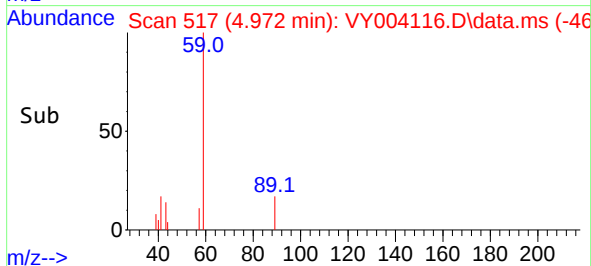
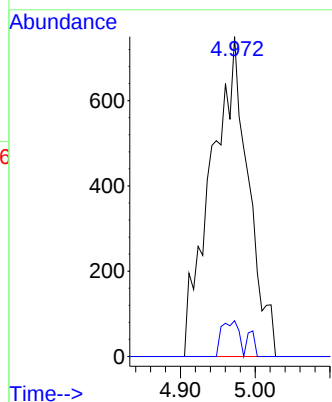
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 59 Resp: 2588
Ion Ratio Lower Upper
59 100
57 5.1 6.9 10.3#

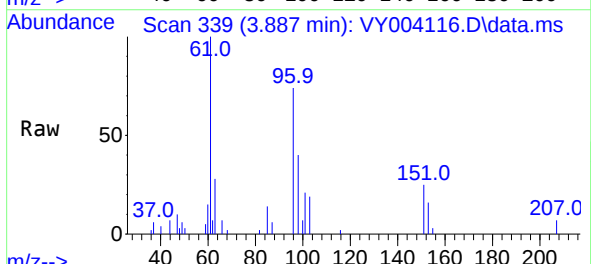
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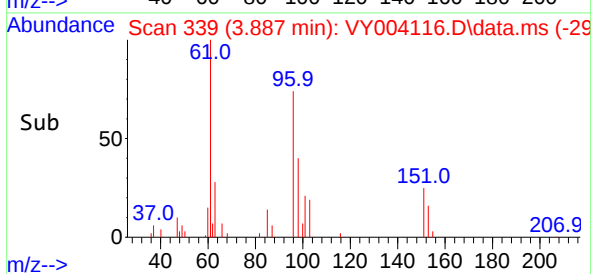
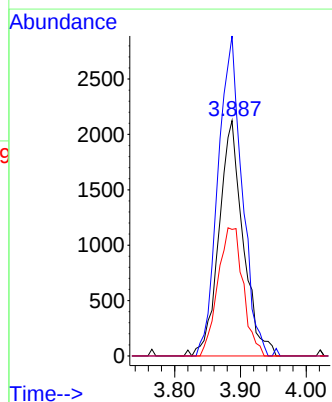


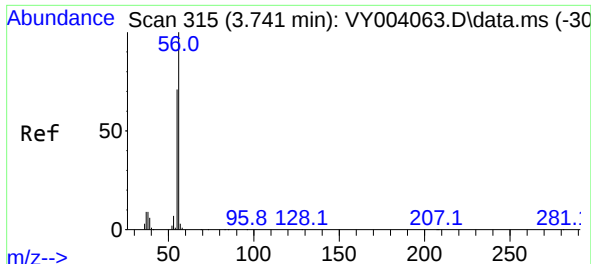
#12

1,1-Dichloroethene
Concen: 2.99 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



Tgt Ion: 96 Resp: 5433
Ion Ratio Lower Upper
96 100
61 136.0 130.7 196.1
98 53.8 48.9 73.3





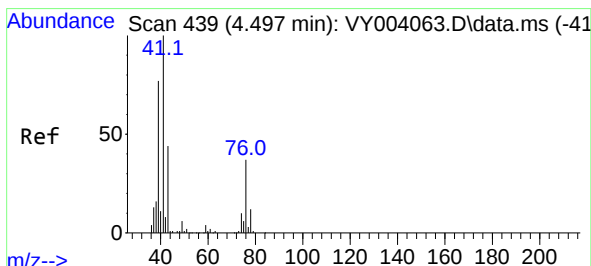
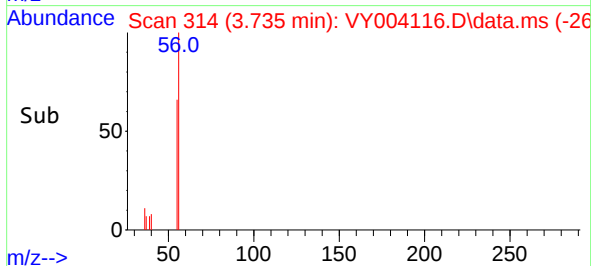
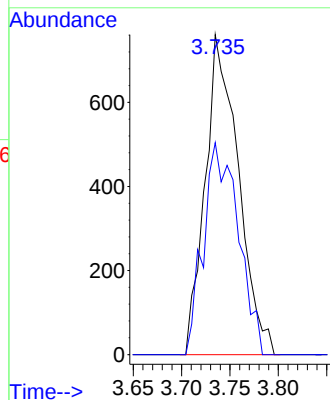
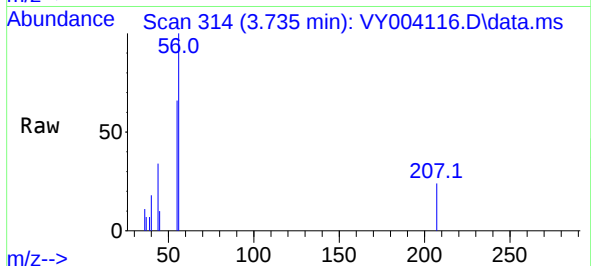
#13
Acrolein
Concen: 9.91 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 56 Resp: 1816
Ion Ratio Lower Upper
56 100
55 69.2 55.4 83.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

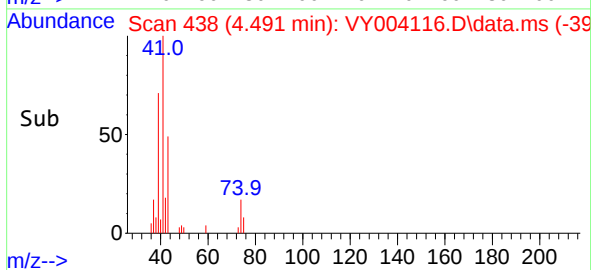
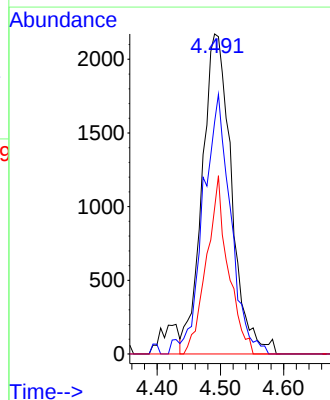
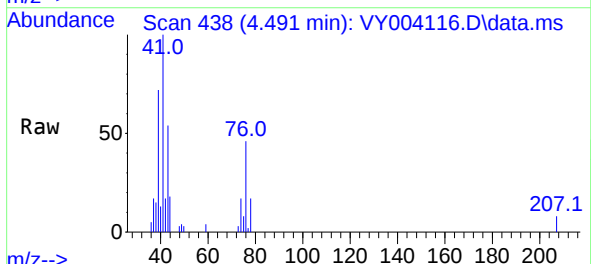
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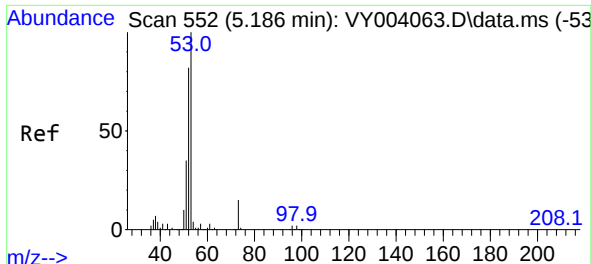
MMDadoda
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#14
Allyl chloride
Concen: 2.32 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

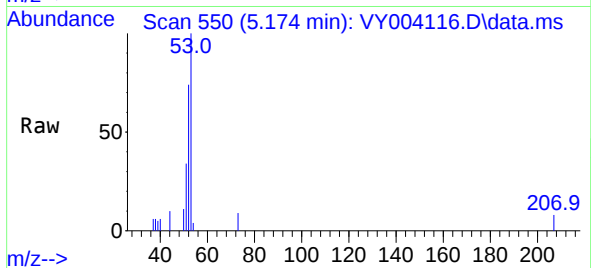
Tgt Ion: 41 Resp: 6974
Ion Ratio Lower Upper
41 100
39 76.8 54.0 81.0
76 41.2 26.1 39.1#





#15
Acrylonitrile
Concen: 12.69 ug/l
RT: 5.174 min Scan# 550
Delta R.T. -0.012 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

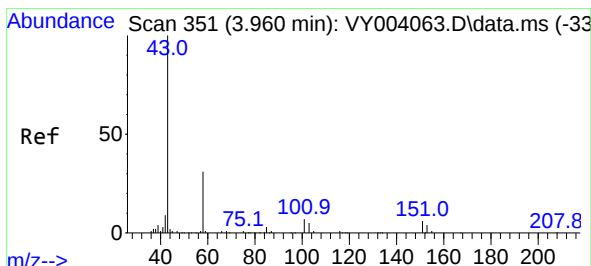
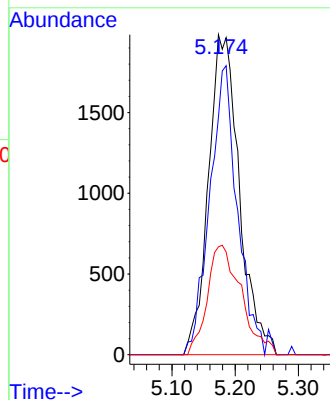
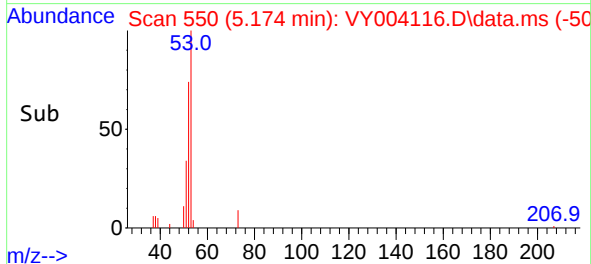
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



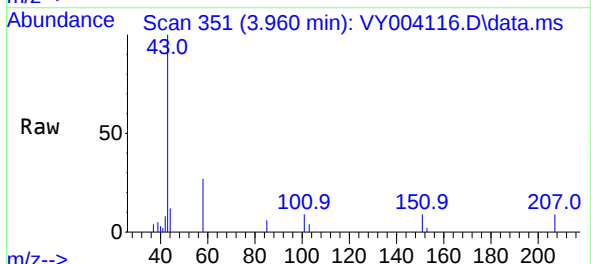
Tgt Ion: 53 Resp: 6723
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 37.5 29.5 44.3

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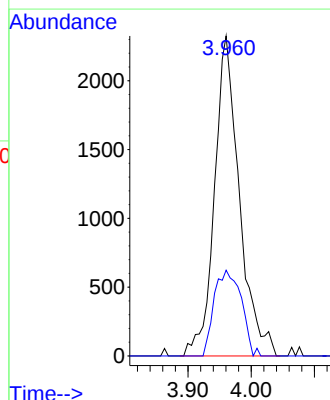
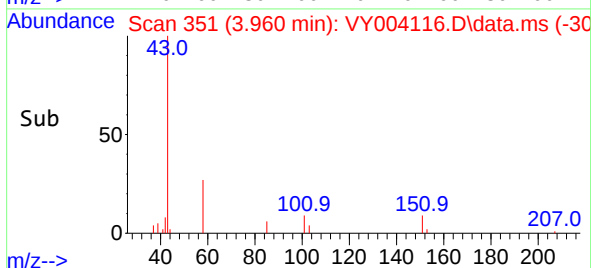
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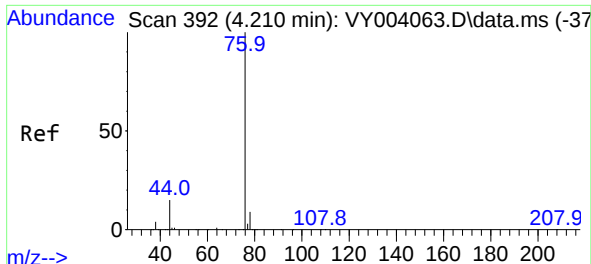


#16
Acetone
Concen: 12.87 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



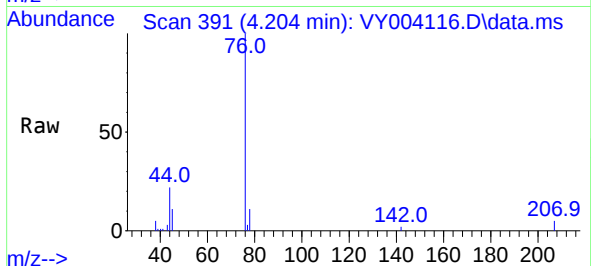
Tgt Ion: 43 Resp: 6345
Ion Ratio Lower Upper
43 100
58 26.8 22.6 34.0





#17
Carbon Disulfide
Concen: 2.56 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

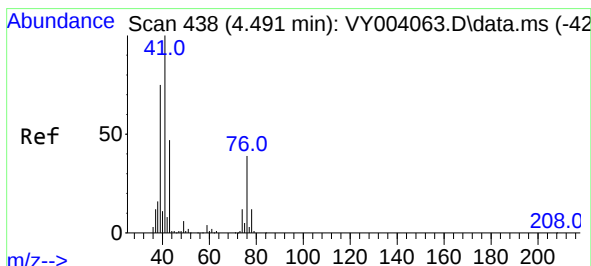
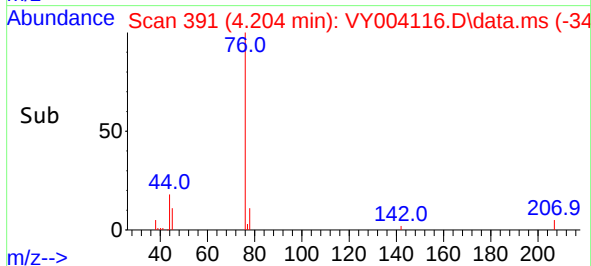
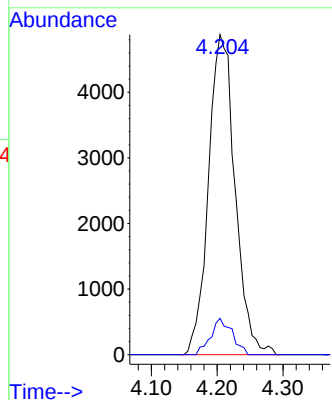
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 76 Resp: 13721
Ion Ratio Lower Upper
76 100
78 11.4 6.8 10.2#

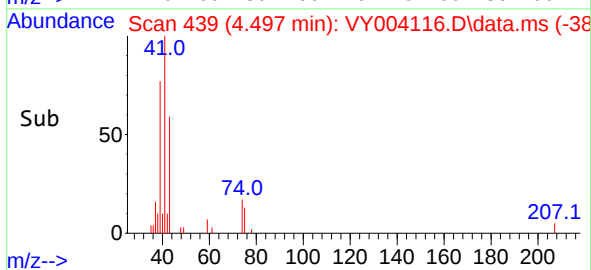
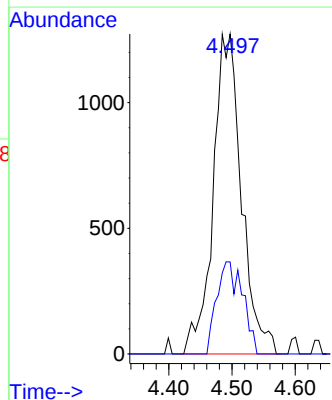
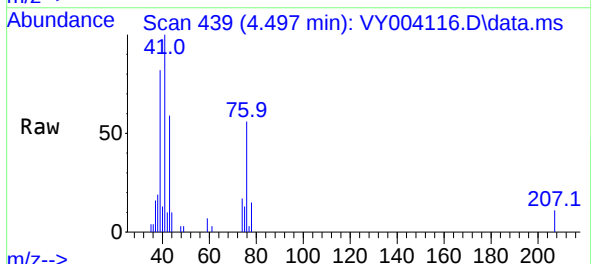
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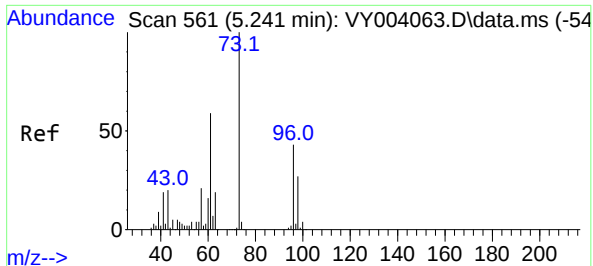
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#18
Methyl Acetate
Concen: 3.25 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 43 Resp: 3960
Ion Ratio Lower Upper
43 100
74 26.2 17.6 26.4





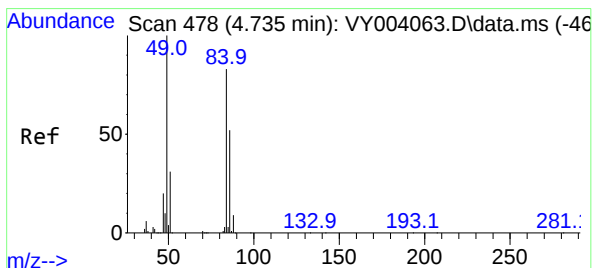
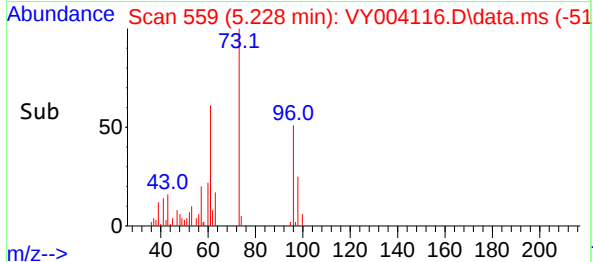
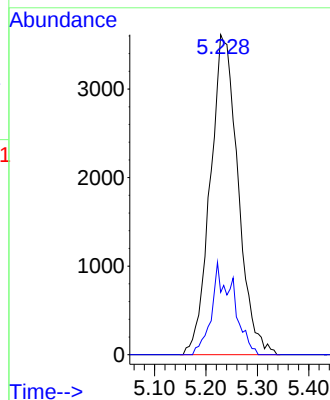
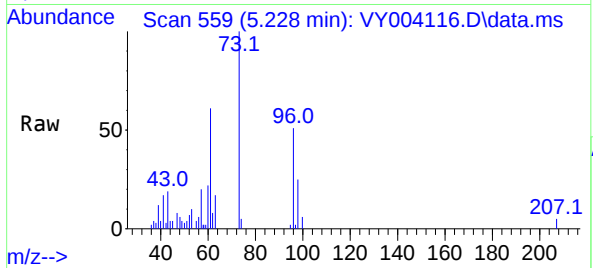
#19
Methyl tert-butyl Ether
Concen: 2.61 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.013 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 73 Resp: 13505
Ion Ratio Lower Upper
73 100
57 19.5 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

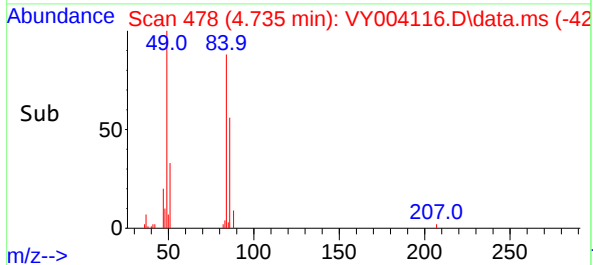
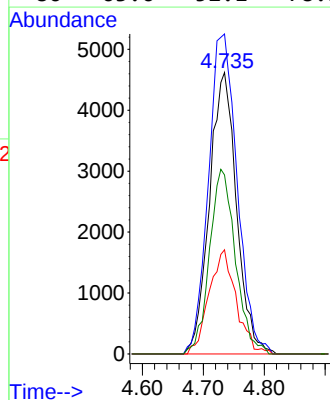
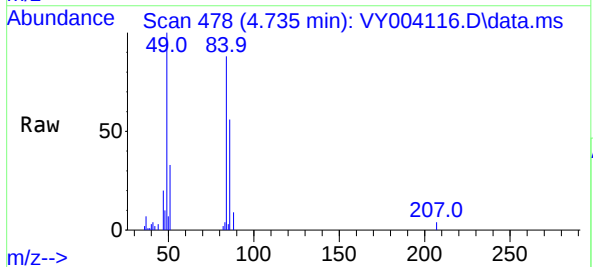
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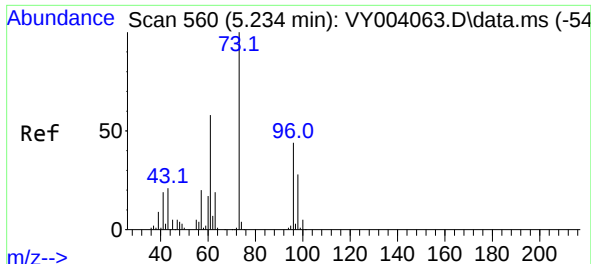
MMDadoda
3/19/2021 3:32:13 PM



#20
Methylene Chloride
Concen: 6.00 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 84 Resp: 14276
Ion Ratio Lower Upper
84 100
49 113.7 105.8 158.6
51 37.0 32.6 48.8
86 63.6 52.1 78.1





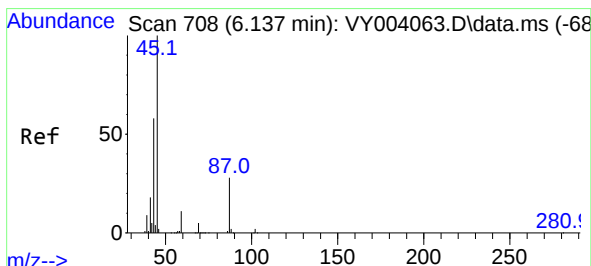
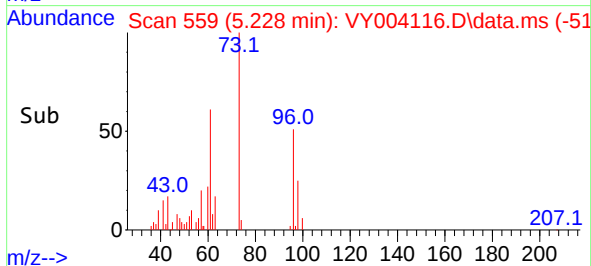
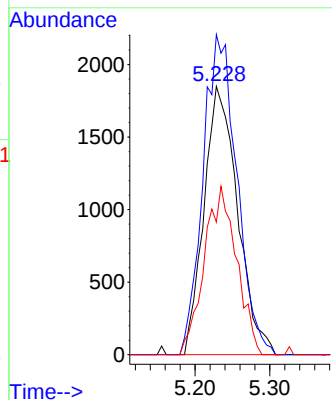
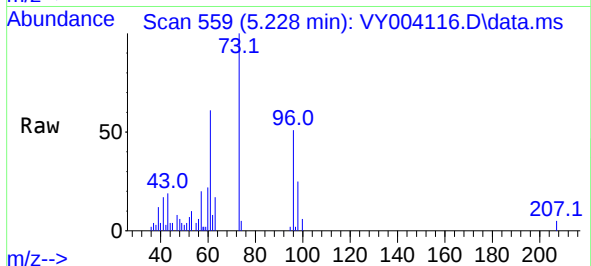
#21
trans-1,2-Dichloroethene
Concen: 2.82 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 96 Resp: 5775
Ion Ratio Lower Upper
96 100
61 119.2 110.8 166.2
98 49.5 51.0 76.6#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

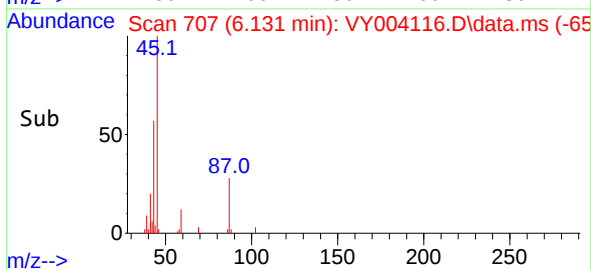
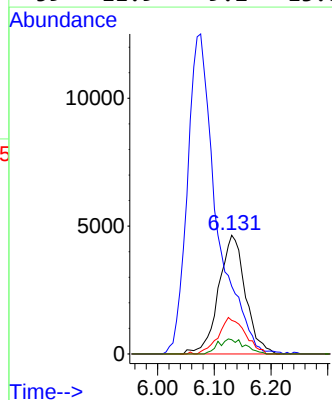
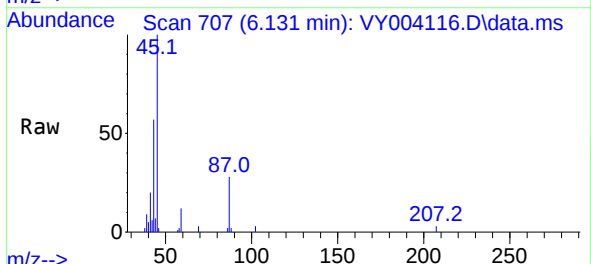
Manual Integrations
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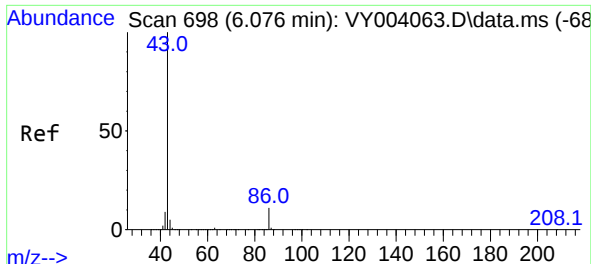
MMDadoda
3/19/2021 3:32:13 PM



#22
Diisopropyl ether
Concen: 2.39 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

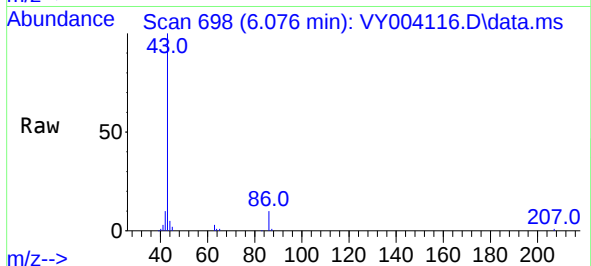
Tgt Ion: 45 Resp: 15199
Ion Ratio Lower Upper
45 100
43 55.4 45.1 67.7
87 28.3 21.0 31.4
59 11.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 10.71 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004116.D
 Acq: 18 Mar 2021 12:47

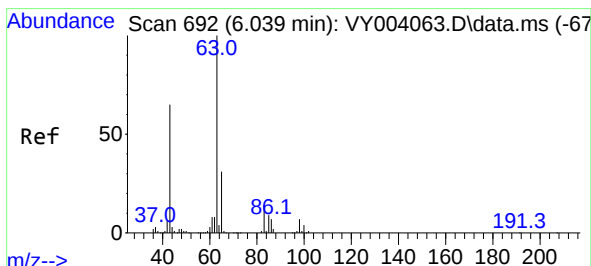
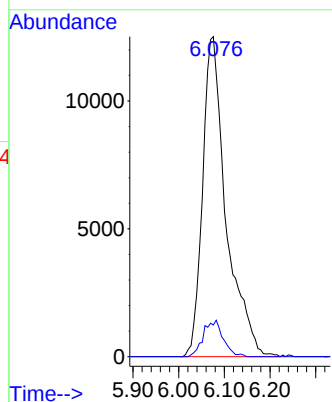
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021



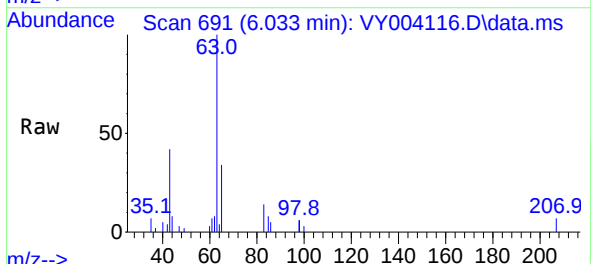
Tgt Ion: 43 Resp: 44781
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6

Manual Integrations
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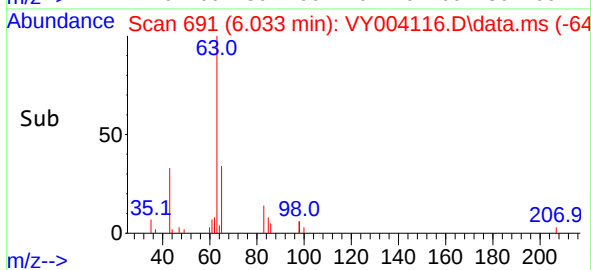
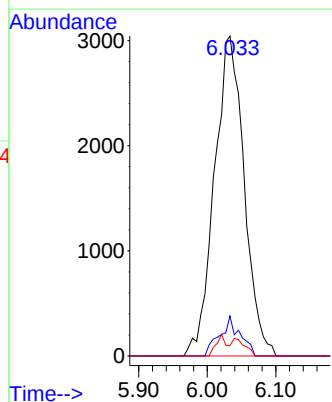
MMDadoda
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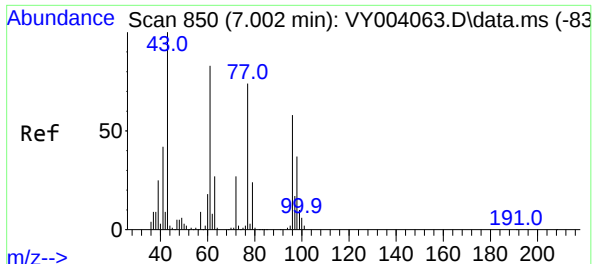


#24
 1,1-Dichloroethane
 Concen: 2.60 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY004116.D
 Acq: 18 Mar 2021 12:47



Tgt Ion: 63 Resp: 9174
 Ion Ratio Lower Upper
 63 100
 98 12.5 3.5 10.4#
 100 3.3 2.3 6.9





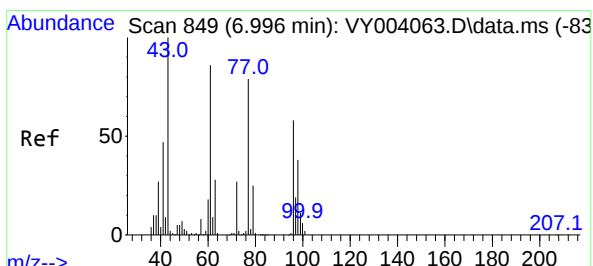
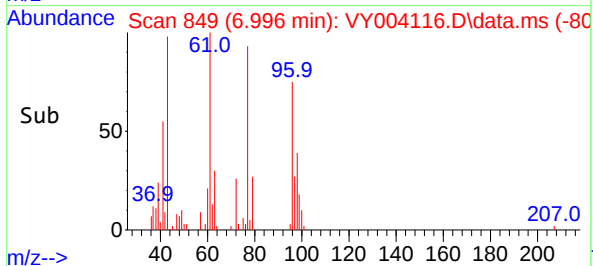
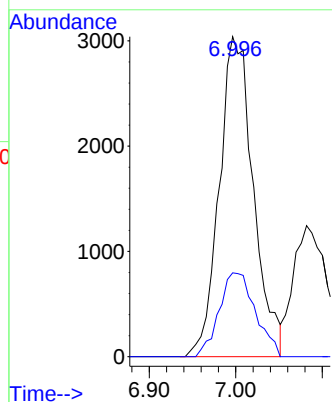
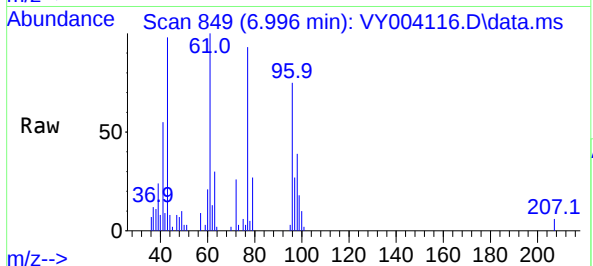
#25
2-Butanone
Concen: 11.70 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 43 Resp: 8316
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

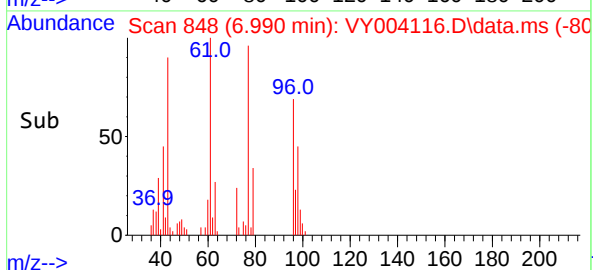
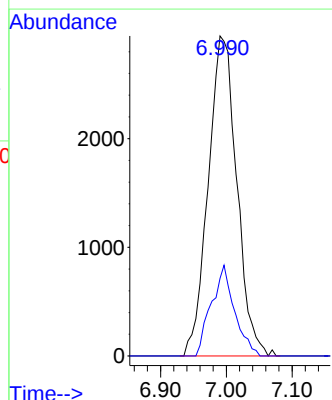
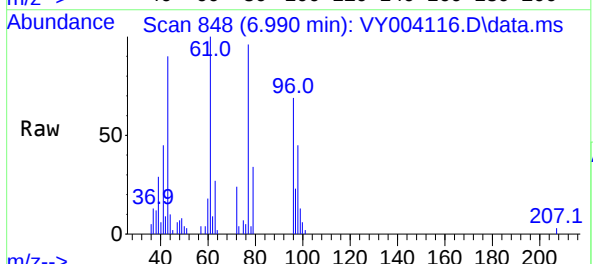
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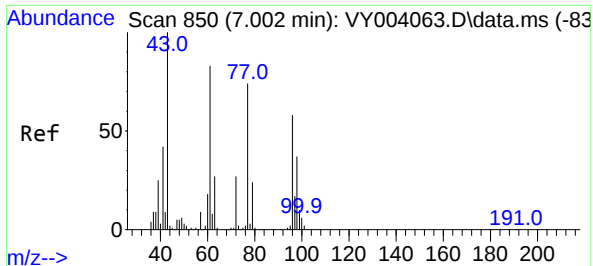
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#26
2,2-Dichloropropane
Concen: 2.64 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

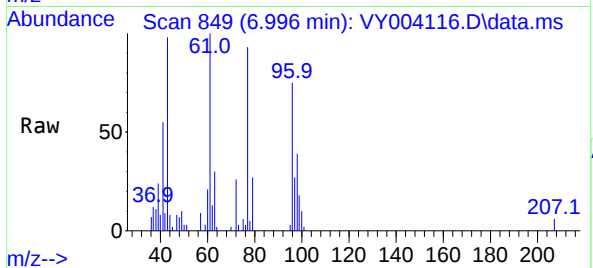
Tgt Ion: 77 Resp: 8910
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1



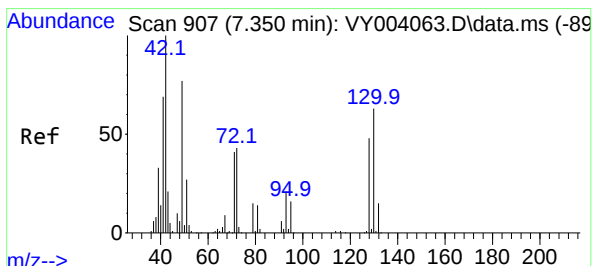
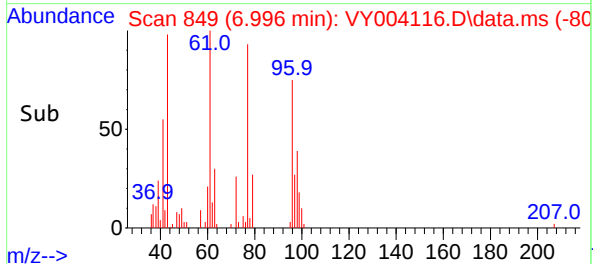
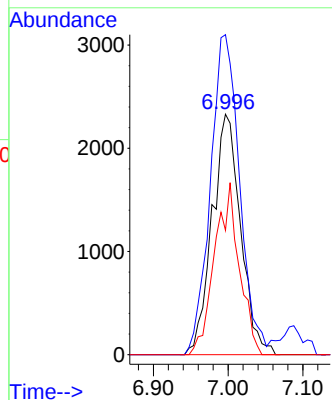


#27

cis-1,2-Dichloroethene
Concen: 2.65 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

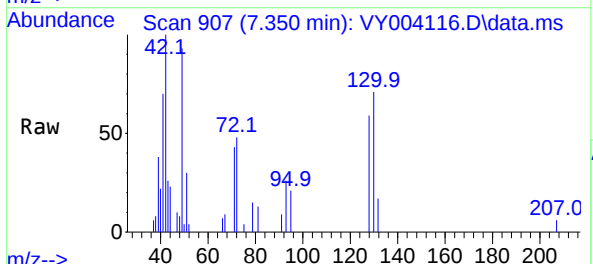


Tgt Ion:	96	Resp:	6177
Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	303.6
98	61.8	0.0	130.6

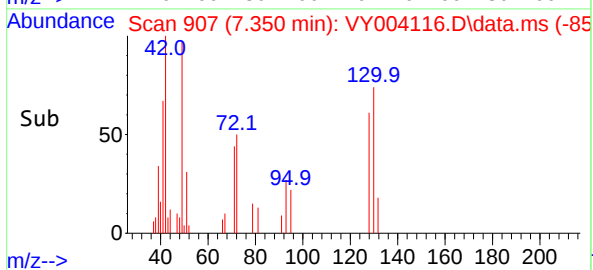
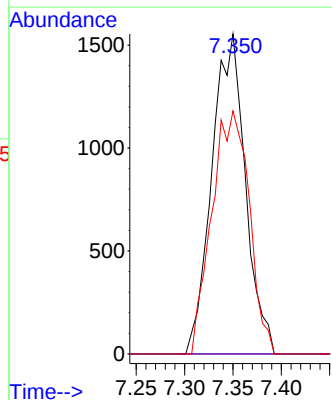


#28

Bromochloromethane
Concen: 2.42 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



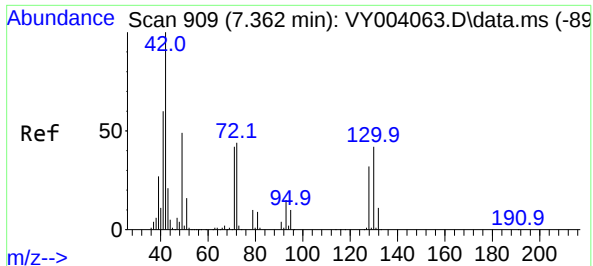
Tgt Ion:	49	Resp:	3732
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	84.9	59.0	88.4



Instrument :
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ClientSampleId :
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#29

Tetrahydrofuran

Concen: 11.93 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY004116.D

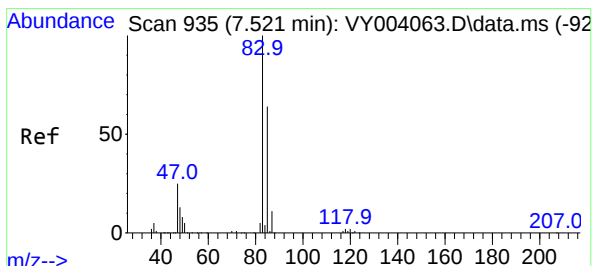
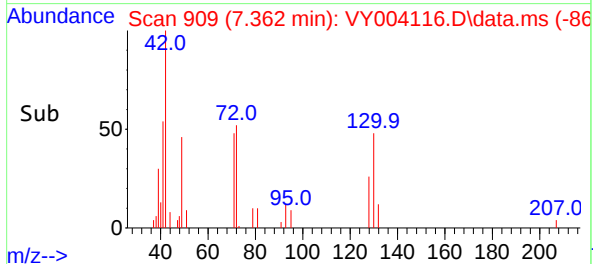
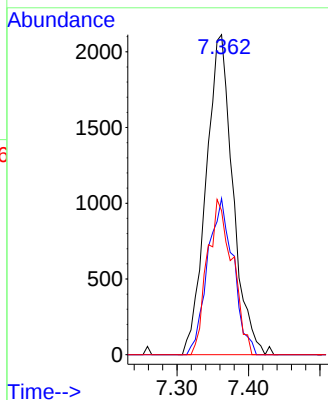
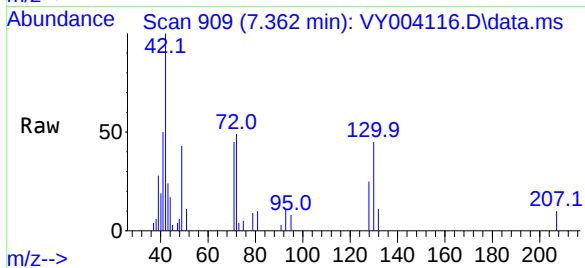
Acq: 18 Mar 2021 12:47

Tgt Ion:	42	Resp:	5506
Ion	Ratio	Lower	Upper
42	100		
72	46.9	32.6	48.8
71	45.6	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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#30

Chloroform

Concen: 2.71 ug/l

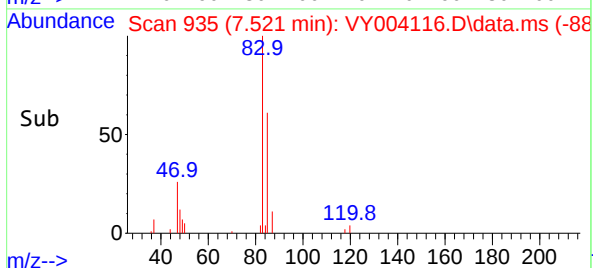
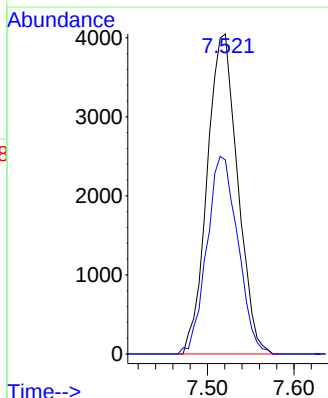
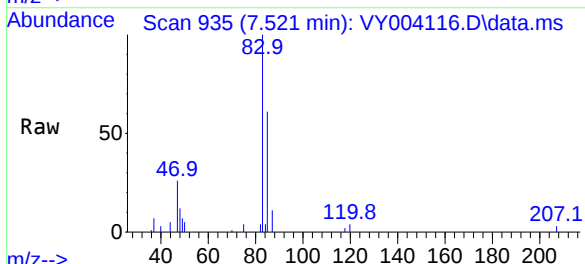
RT: 7.521 min Scan# 935

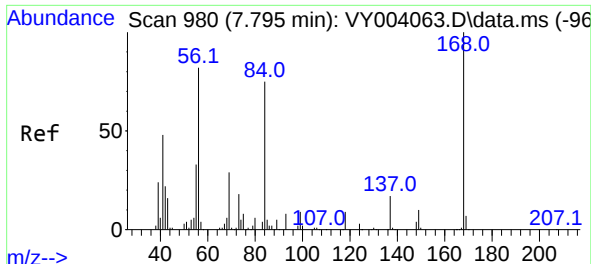
Delta R.T. -0.000 min

Lab File: VY004116.D

Acq: 18 Mar 2021 12:47

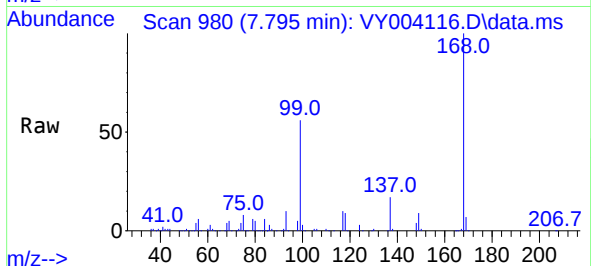
Tgt Ion:	83	Resp:	9906
Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.0	76.6





#31
Cyclohexane
Concen: 3.56 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

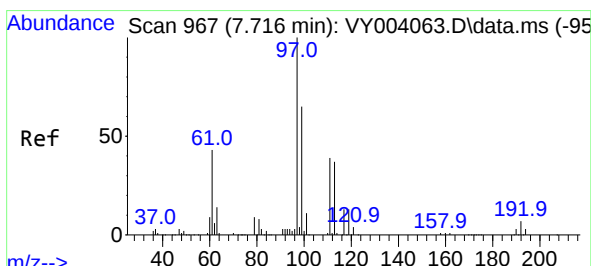
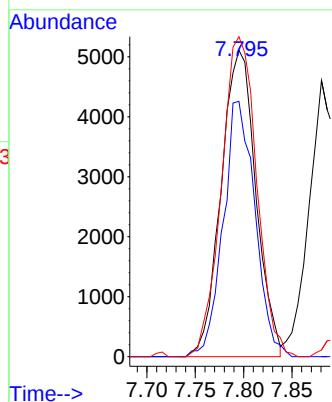
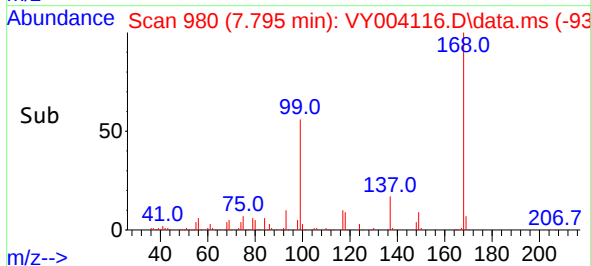
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



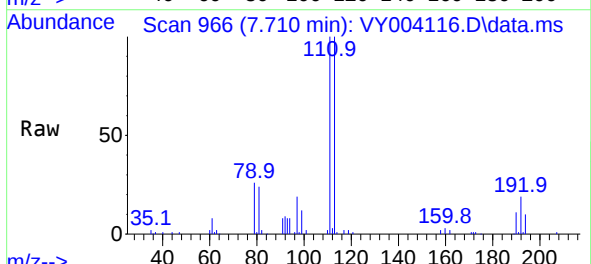
Tgt Ion: 56 Resp: 12772
Ion Ratio Lower Upper
56 100
69 83.4 25.3 37.9#
84 104.5 67.3 100.9#

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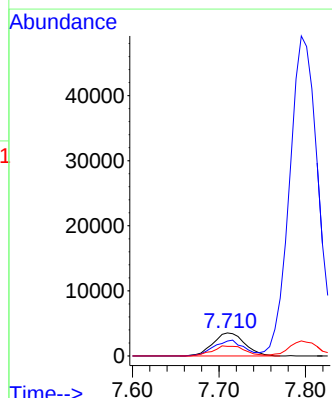
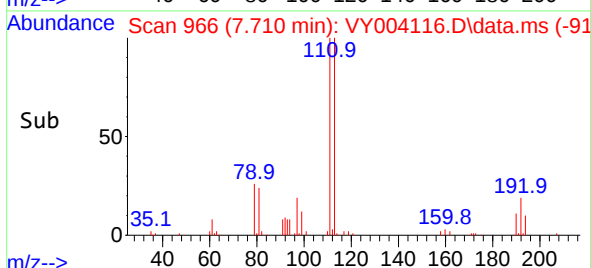
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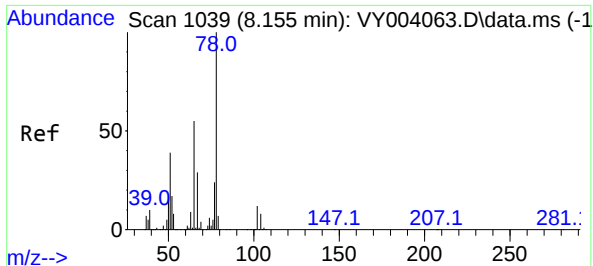


#32
1,1,1-Trichloroethane
Concen: 2.65 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



Tgt Ion: 97 Resp: 8992
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 44.3 34.5 51.7





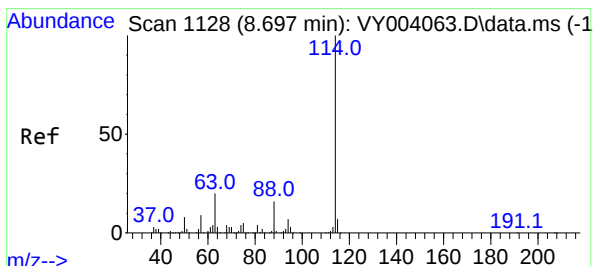
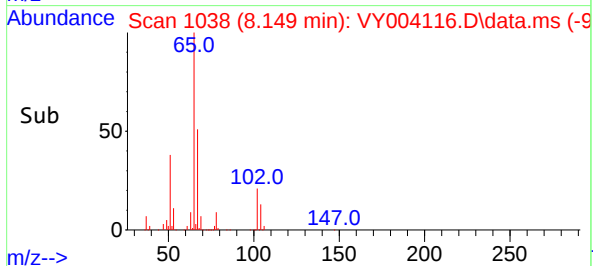
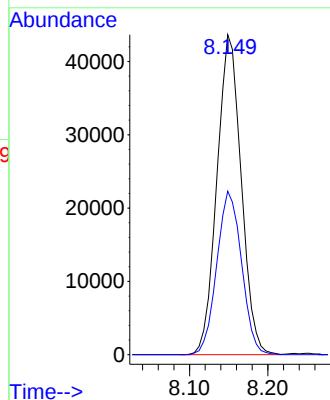
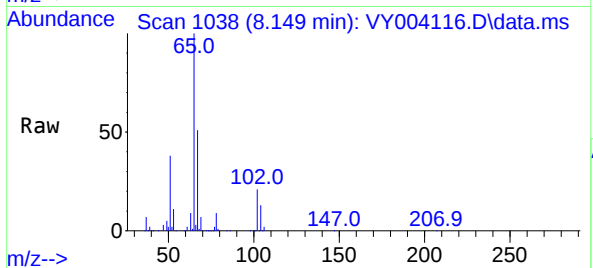
#33
1,2-Dichloroethane-d4
Concen: 46.07 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 65 Resp: 94095
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

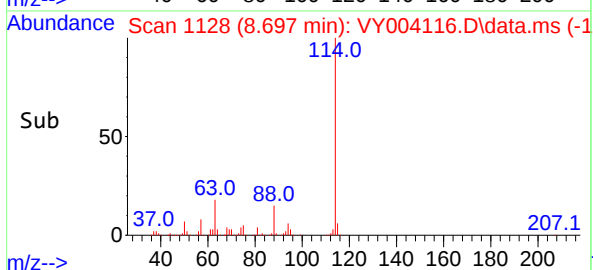
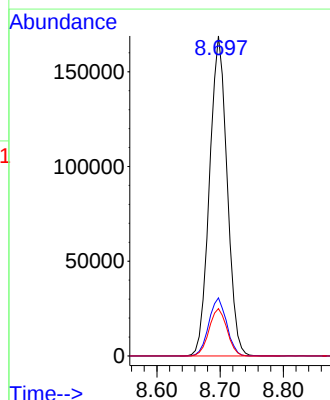
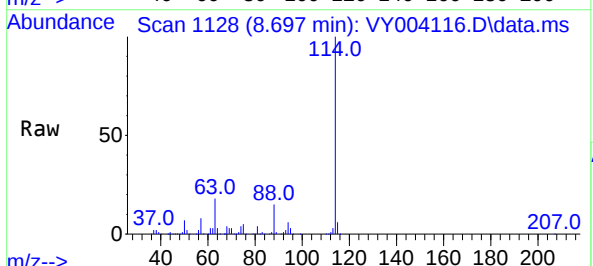
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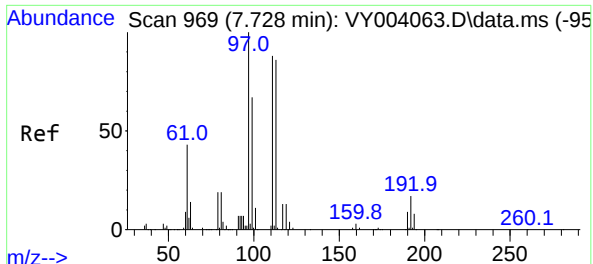
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 114 Resp: 326011
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.6
88 14.8 0.0 31.4





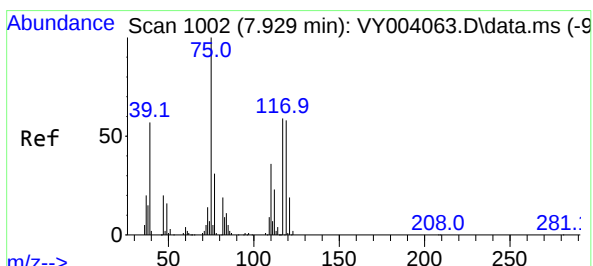
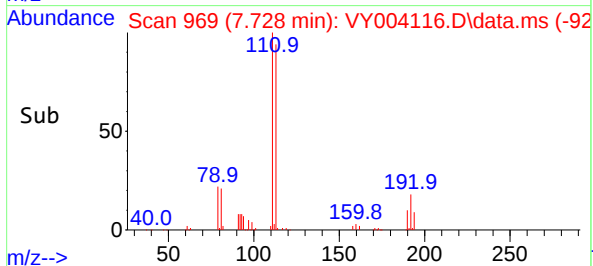
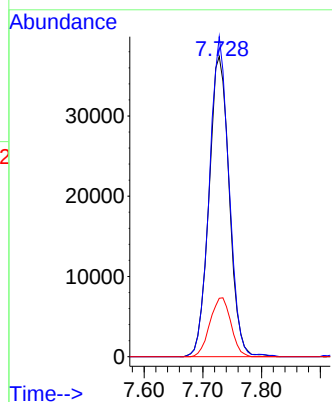
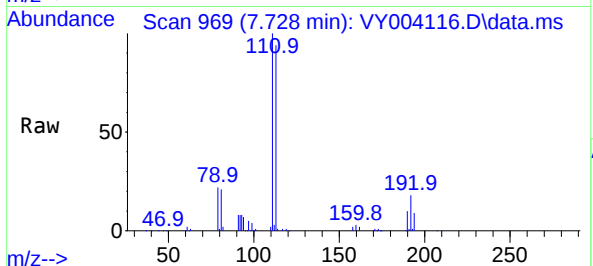
#35
Dibromofluoromethane
Concen: 48.74 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	113	Resp:	89604
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	20.3	18.5	27.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

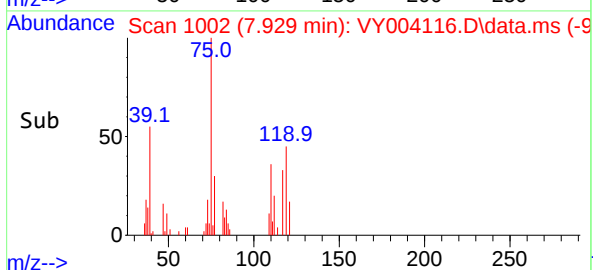
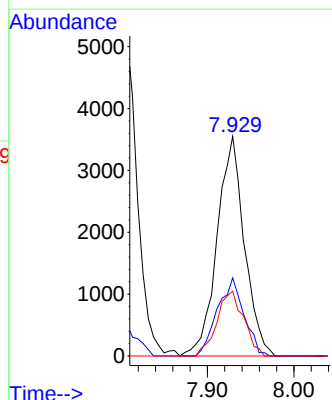
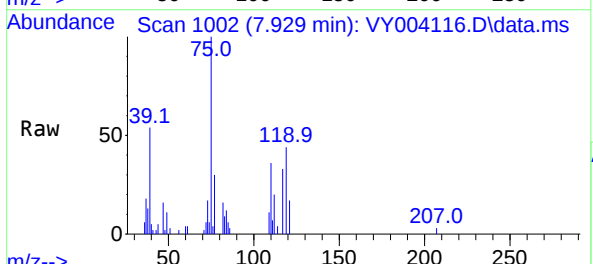
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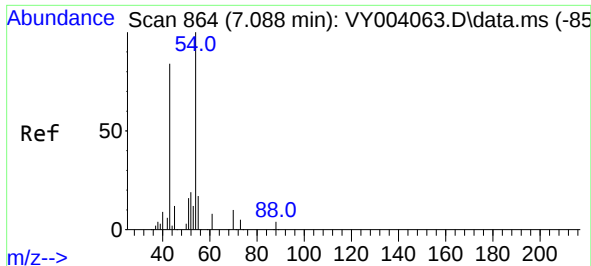
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#36
1,1-Dichloropropene
Concen: 2.71 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	75	Resp:	7763
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.4	52.3
77	29.0	24.5	36.7





#37

Ethyl Acetate

Concen: 2.33 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY004116.D

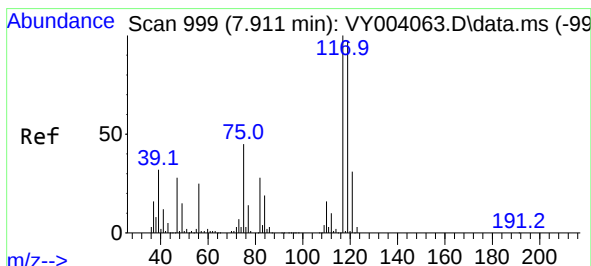
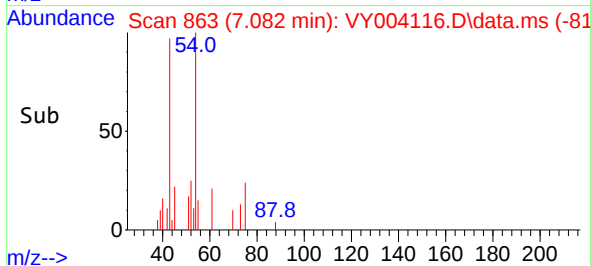
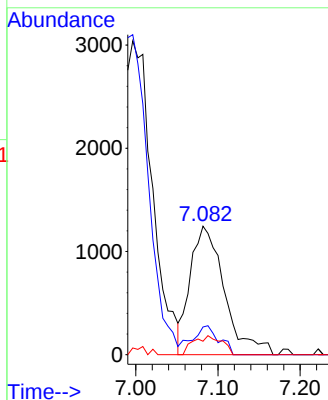
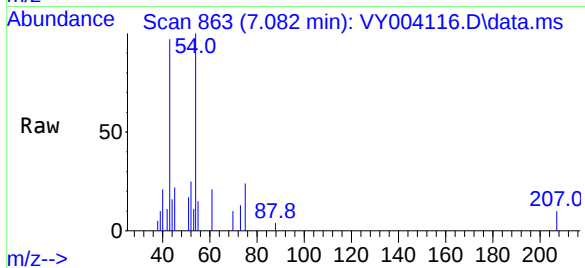
Acq: 18 Mar 2021 12:47

Tgt Ion:	43	Resp:	3599
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.7	16.1
70	12.2	7.7	11.5#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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#38

Carbon Tetrachloride

Concen: 2.58 ug/l

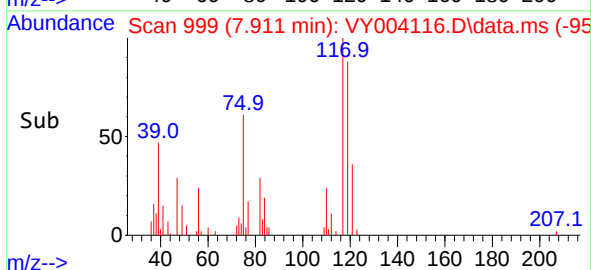
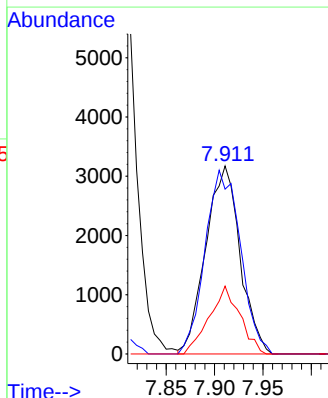
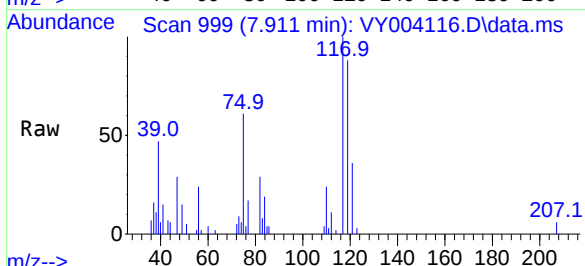
RT: 7.911 min Scan# 999

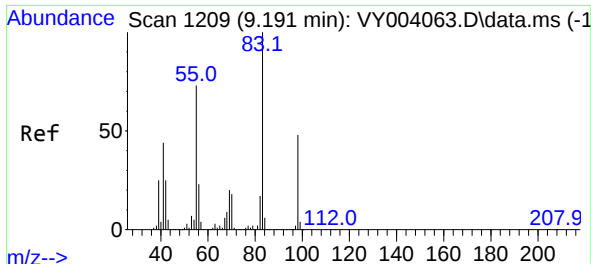
Delta R.T. -0.000 min

Lab File: VY004116.D

Acq: 18 Mar 2021 12:47

Tgt Ion:	117	Resp:	7825
Ion	Ratio	Lower	Upper
117	100		
119	87.6	75.4	113.0
121	36.1	24.2	36.2





#39

Methylcyclohexane

Concen: 2.75 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY004116.D

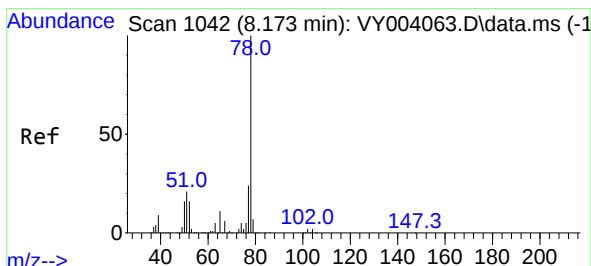
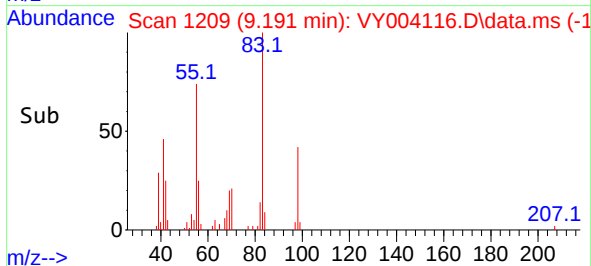
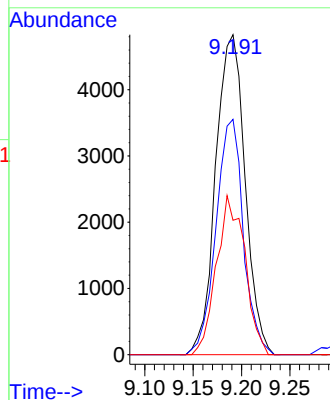
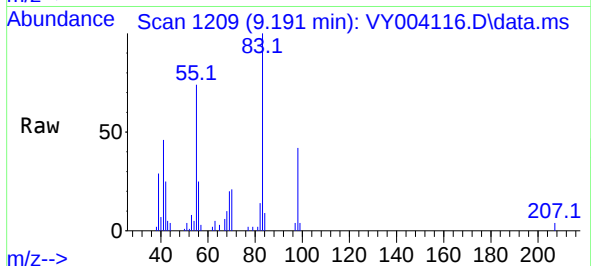
Acq: 18 Mar 2021 12:47

Tgt Ion:	83	Resp:	10190
Ion	Ratio	Lower	Upper
83	100		
55	73.6	65.6	98.4
98	42.0	39.5	59.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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#40

Benzene

Concen: 2.74 ug/l

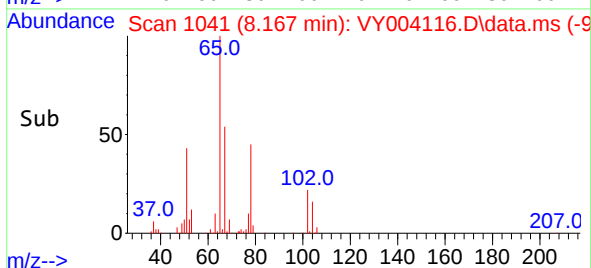
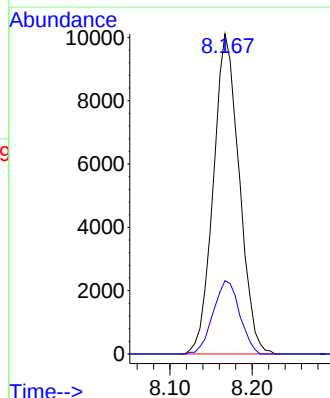
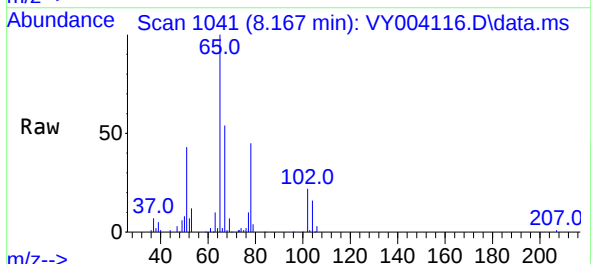
RT: 8.167 min Scan# 1041

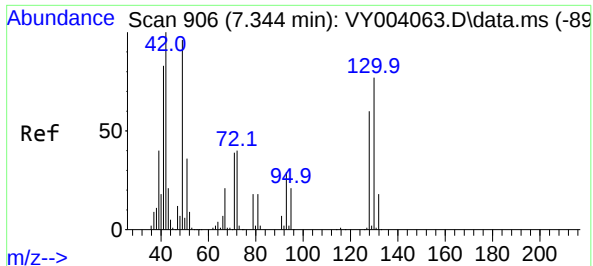
Delta R.T. -0.006 min

Lab File: VY004116.D

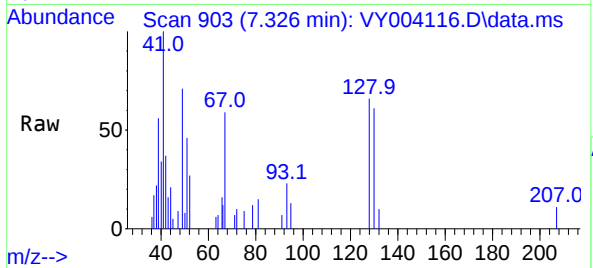
Acq: 18 Mar 2021 12:47

Tgt Ion:	78	Resp:	22106
Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.1	30.1

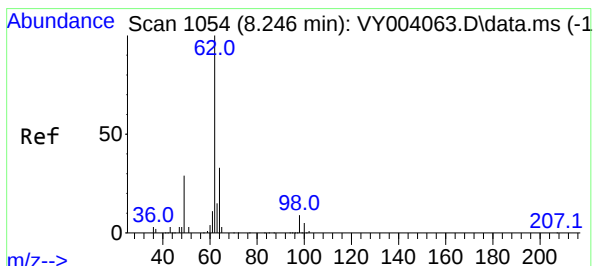
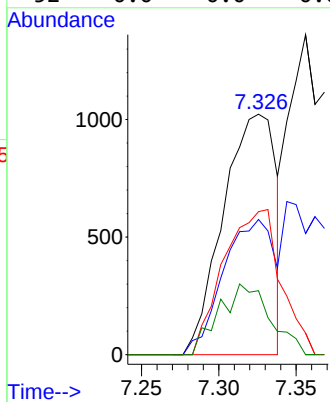
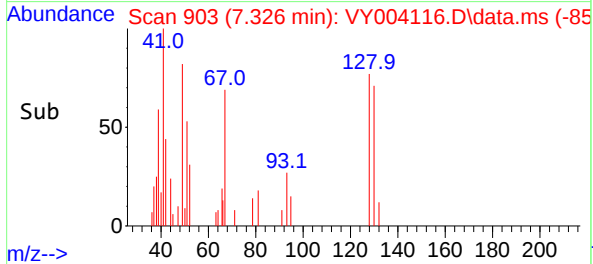




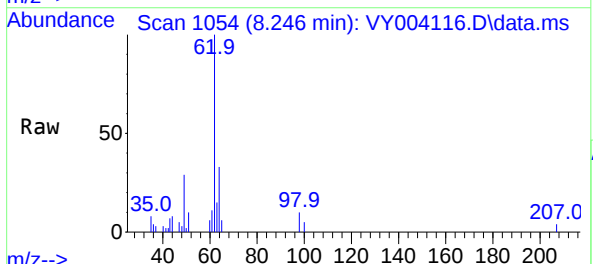
#41
Methacrylonitrile
Concen: 2.54 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



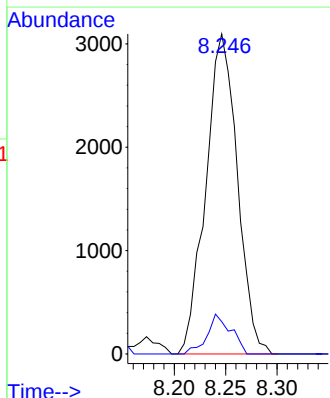
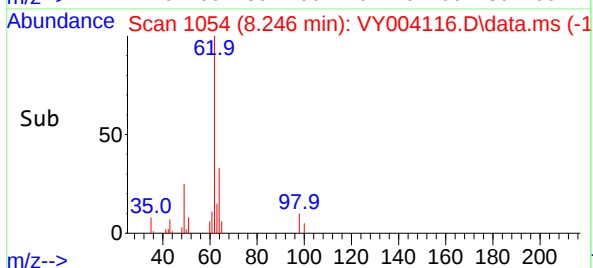
Tgt Ion: 41 Resp: 2424
Ion Ratio Lower Upper
41 100
39 64.9 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 2.68 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



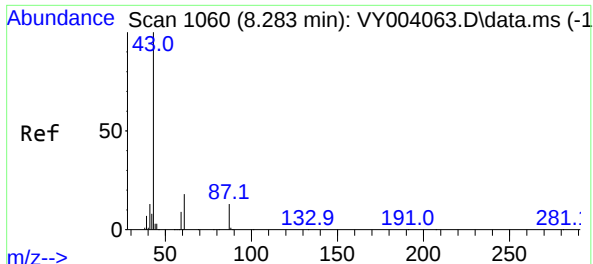
Tgt Ion: 62 Resp: 6616
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.0



Instrument :
MSVOA_Y
ClientSampleId :
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#43

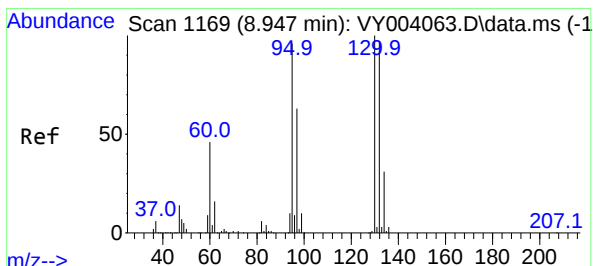
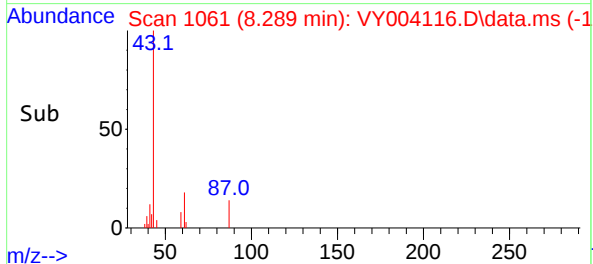
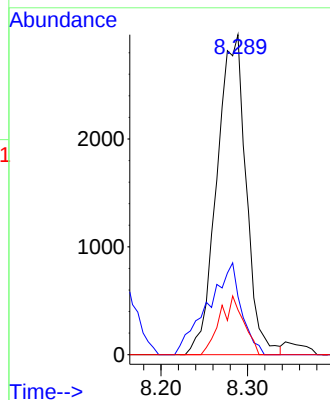
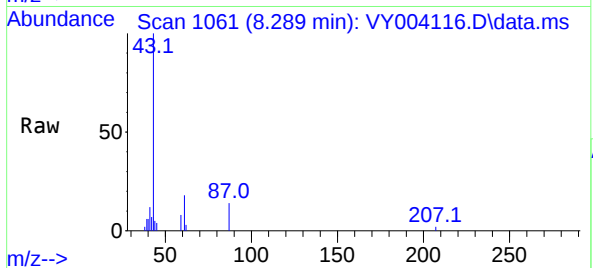
Isopropyl Acetate
Concen: 2.24 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 43 Resp: 6934
Ion Ratio Lower Upper
43 100
61 33.0 22.1 33.1
87 15.0 9.8 14.8#

Instrument :
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ClientSampleId :
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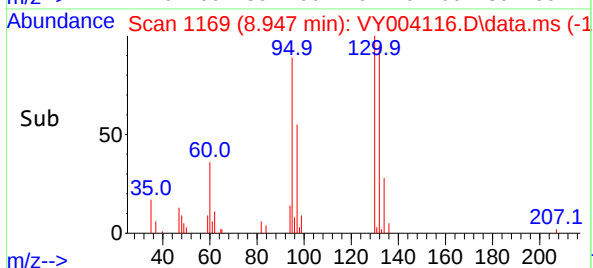
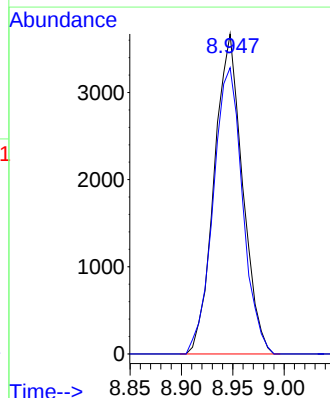
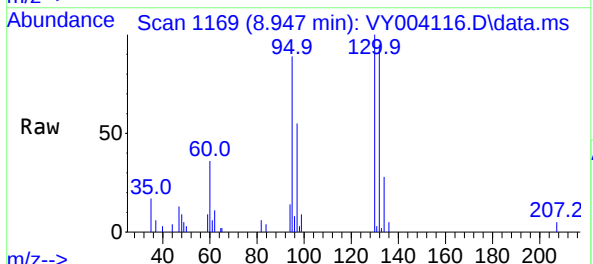
MMDadoda
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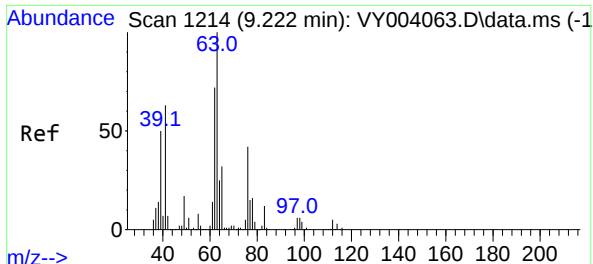


#44

Trichloroethene
Concen: 3.01 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:130 Resp: 7026
Ion Ratio Lower Upper
130 100
95 89.4 0.0 188.0





#45

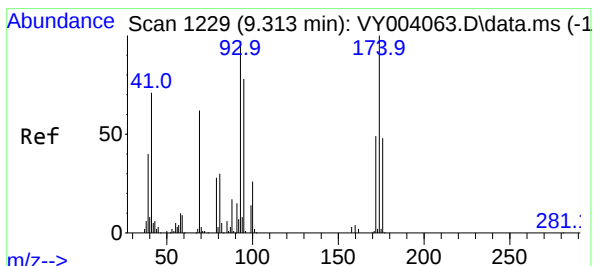
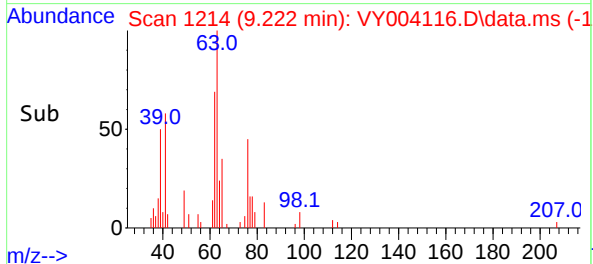
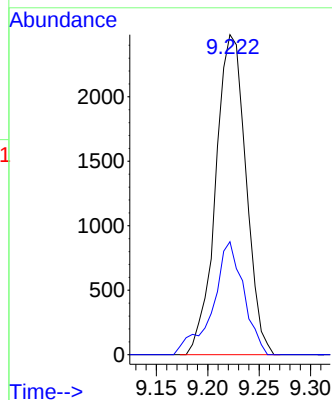
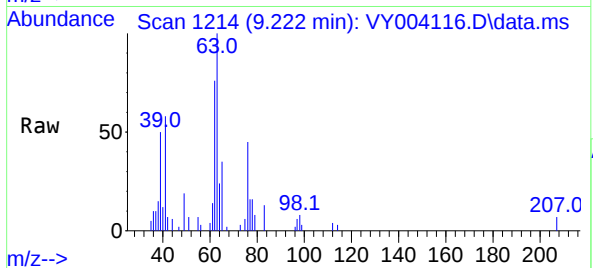
1,2-Dichloropropane
Concen: 2.52 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 63 Resp: 5086
Ion Ratio Lower Upper
63 100
65 35.3 24.4 36.6

Instrument :
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ClientSampleId :
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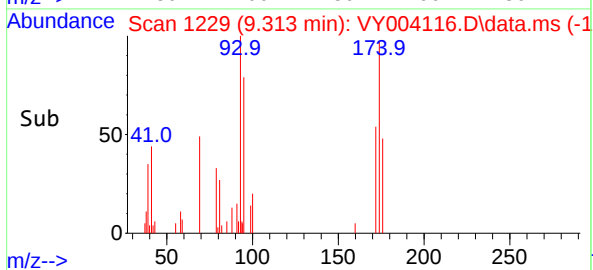
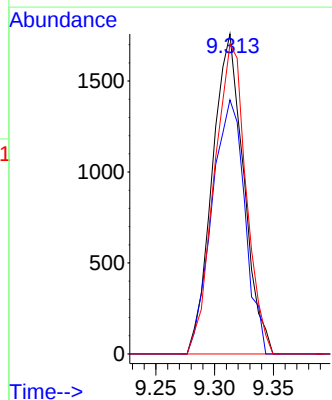
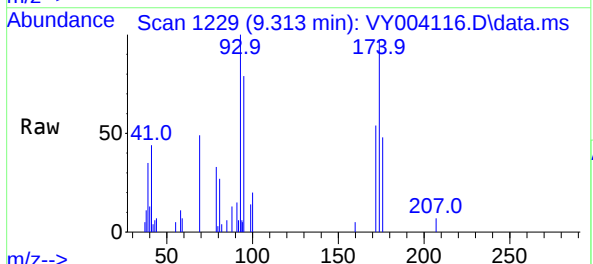
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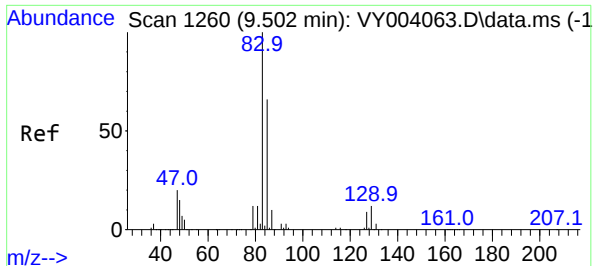


#46

Dibromomethane
Concen: 2.84 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

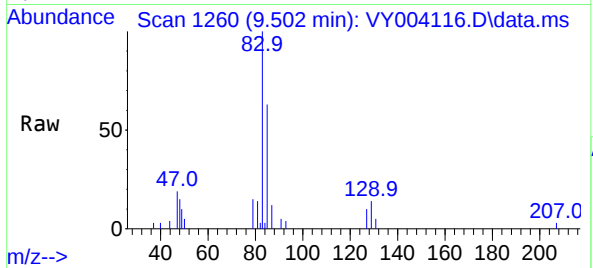
Tgt Ion: 93 Resp: 3269
Ion Ratio Lower Upper
93 100
95 83.1 66.3 99.5
174 98.4 88.1 132.1





#47
Bromodichloromethane
Concen: 2.60 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

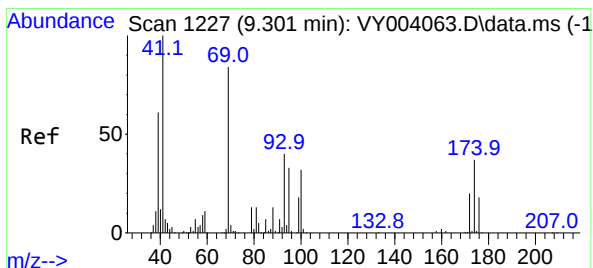
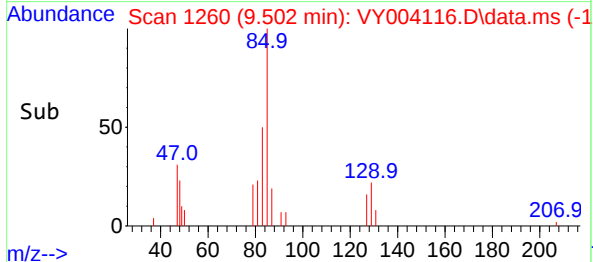
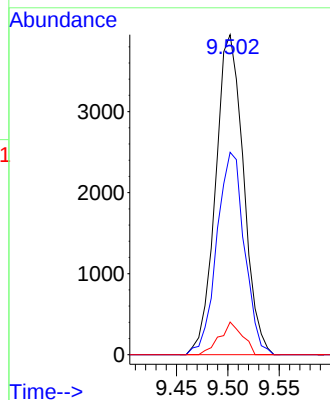
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 83 Resp: 7461
Ion Ratio Lower Upper
83 100
85 63.2 51.6 77.4
127 10.2 6.5 9.7#

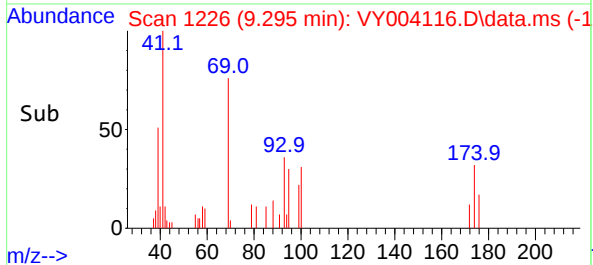
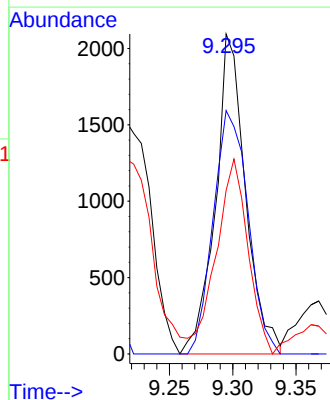
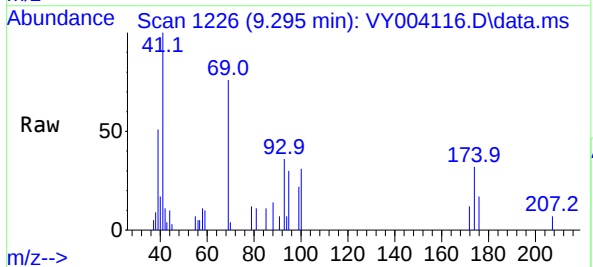
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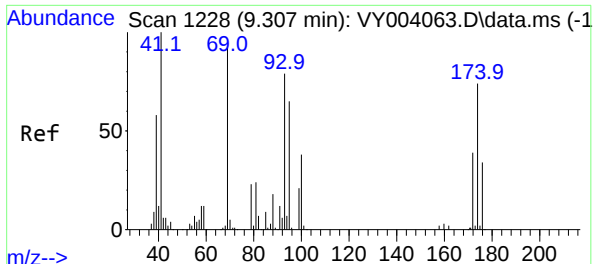
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#48
Methyl methacrylate
Concen: 2.35 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 41 Resp: 3460
Ion Ratio Lower Upper
41 100
69 87.8 65.1 97.7
39 63.8 44.2 66.2





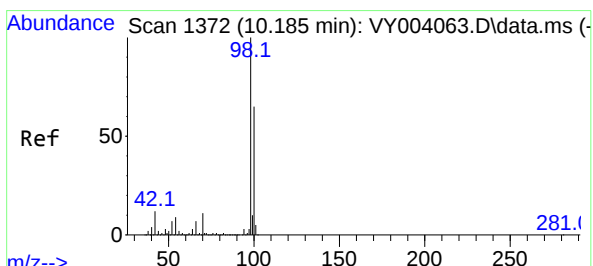
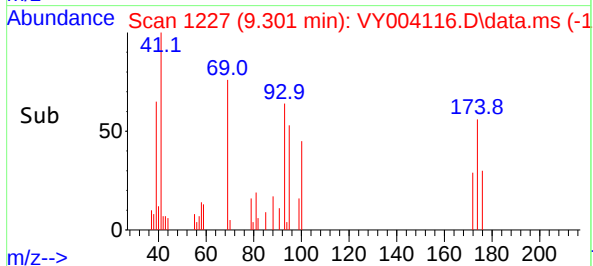
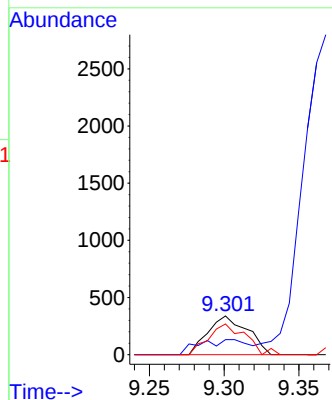
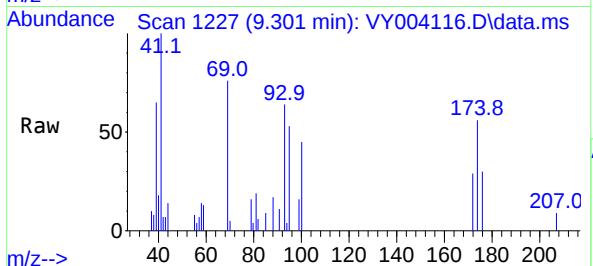
#49
1,4-Dioxane
Concen: 42.36 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	88	Resp:	621
Ion	Ratio	Lower	Upper
88	100		
43	48.0	32.0	48.0
58	74.9	56.5	84.7

Instrument :
MSVOA_Y
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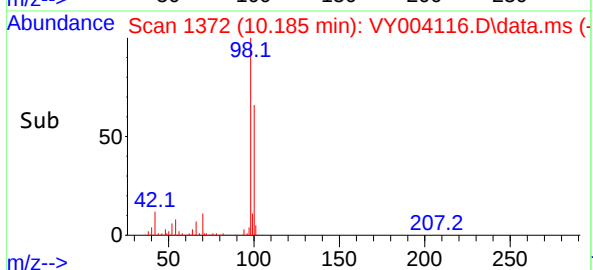
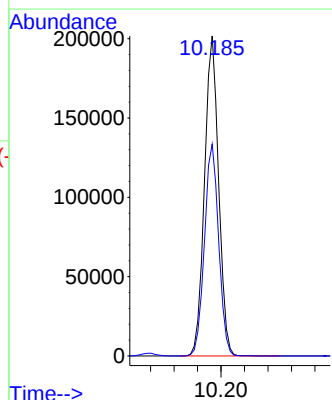
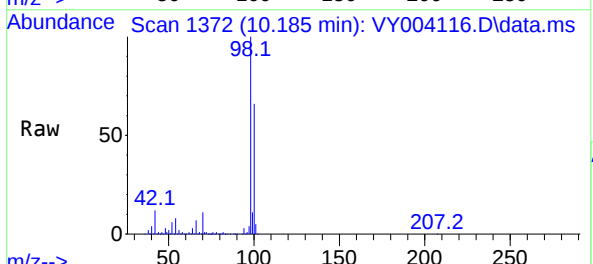
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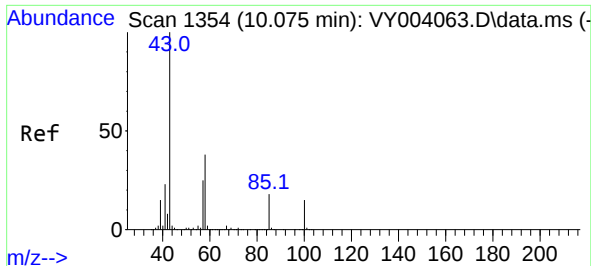
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#50
Toluene-d8
Concen: 46.69 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	98	Resp:	336541
Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.8	77.6





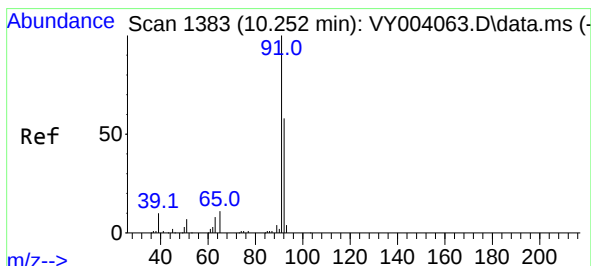
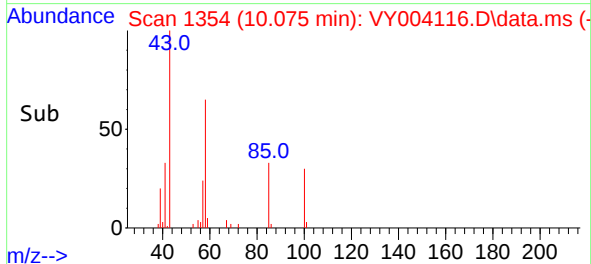
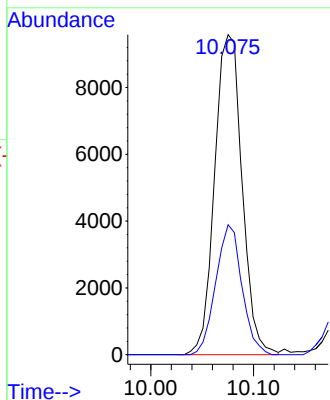
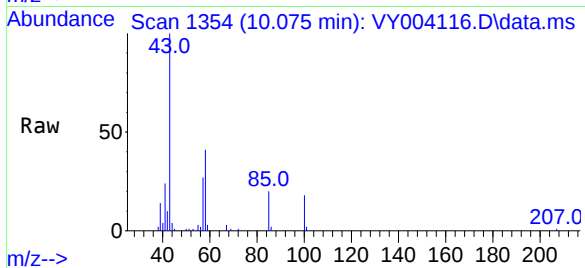
#51
4-Methyl-2-Pentanone
Concen: 11.32 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 43 Resp: 17742
Ion Ratio Lower Upper
43 100
58 38.7 29.8 44.8

Instrument :
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ClientSampleId :
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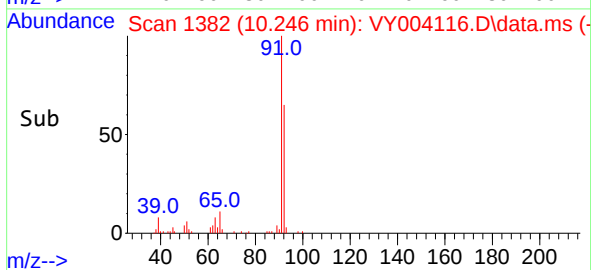
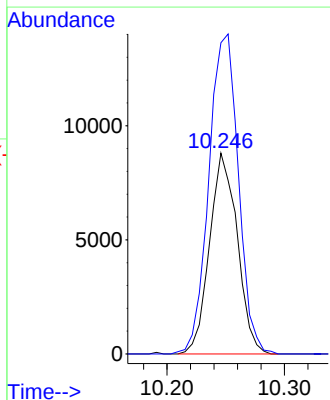
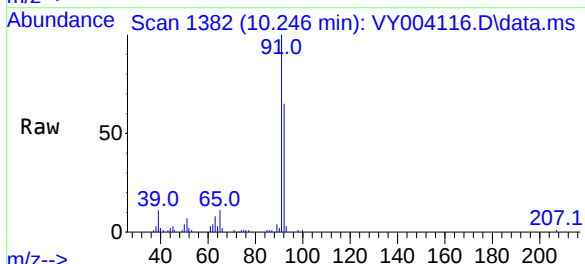
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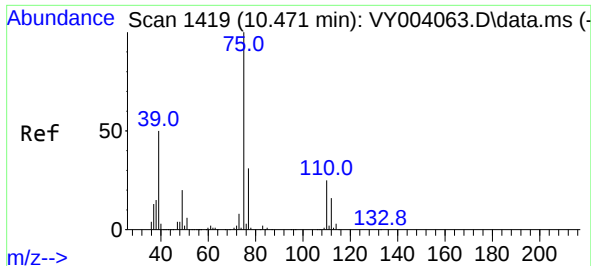
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#52
Toluene
Concen: 2.76 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

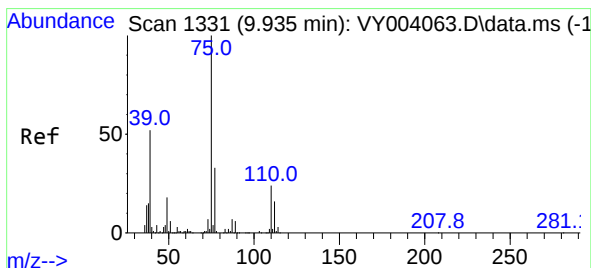
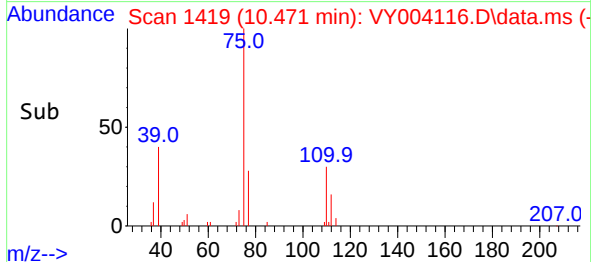
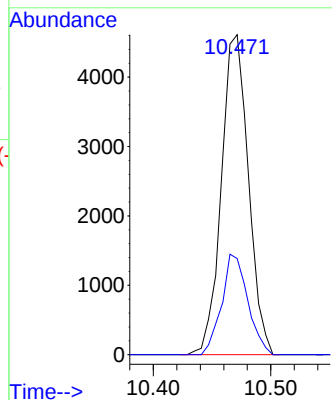
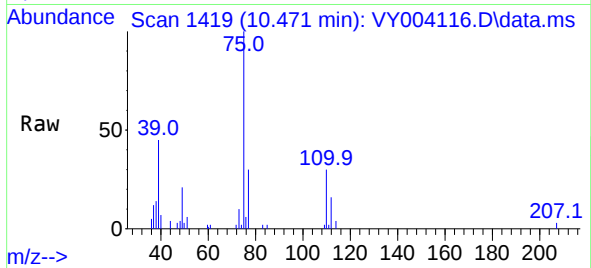
Tgt Ion: 92 Resp: 14415
Ion Ratio Lower Upper
92 100
91 169.9 141.0 211.4





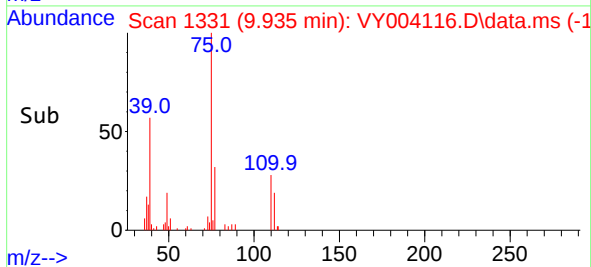
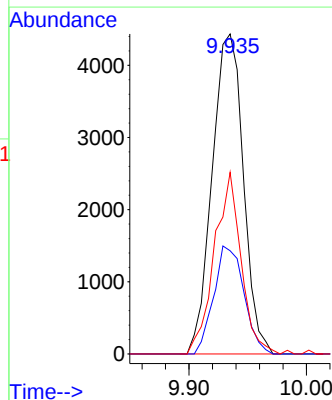
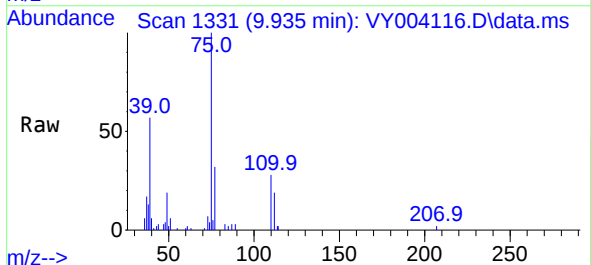
#53
t-1,3-Dichloropropene
Concen: 2.43 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 75 Resp: 7384
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 2.41 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

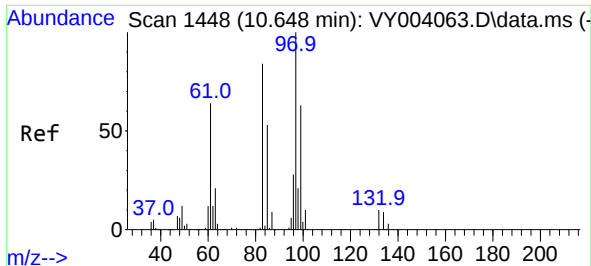
Tgt Ion: 75 Resp: 8176
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 56.7 40.4 60.6



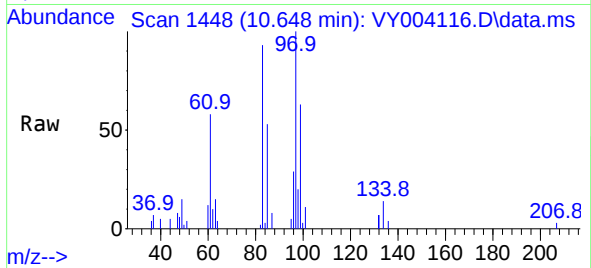
Instrument :
MSVOA_Y
ClientSampleId :
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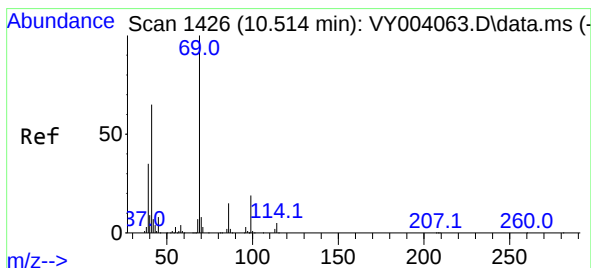
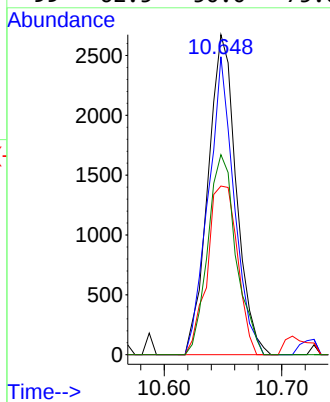
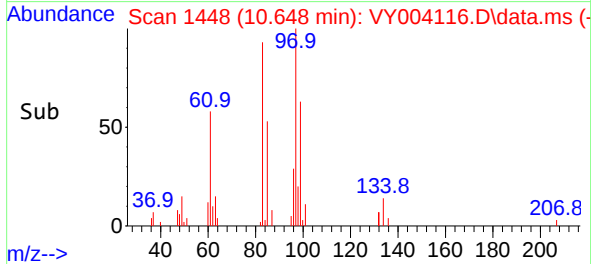
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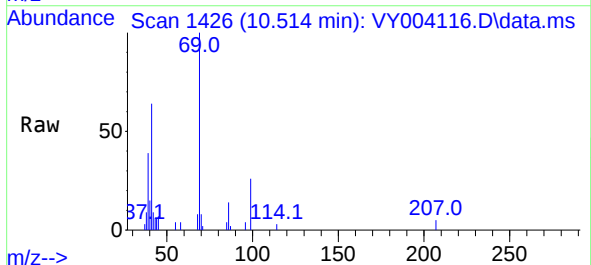
#55
1,1,2-Trichloroethane
Concen: 2.75 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



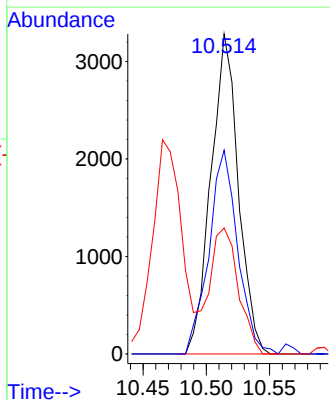
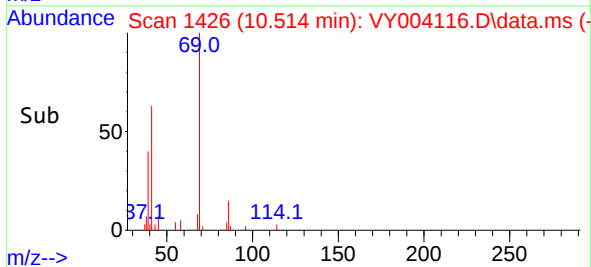
Tgt Ion:	97	Resp:	4461
Ion	Ratio	Lower	Upper
97	100		
83	93.1	69.4	104.0
85	52.7	43.4	65.0
99	62.5	50.0	75.0



#56
Ethyl methacrylate
Concen: 2.18 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



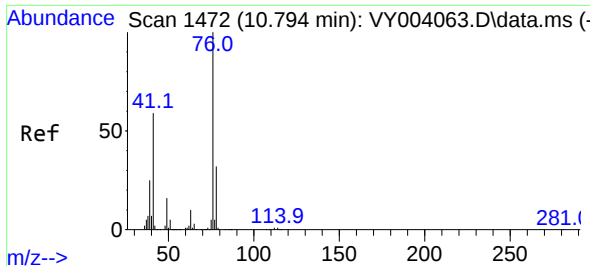
Tgt Ion:	69	Resp:	4946
Ion	Ratio	Lower	Upper
69	100		
41	66.9	57.2	85.8
39	42.4	27.8	41.6#



Instrument :
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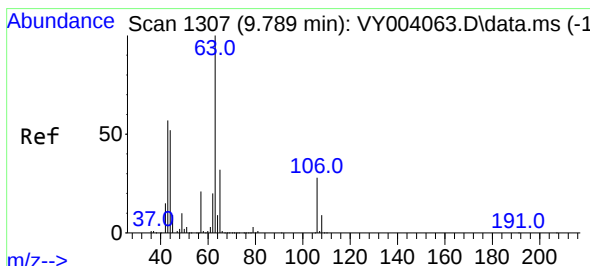
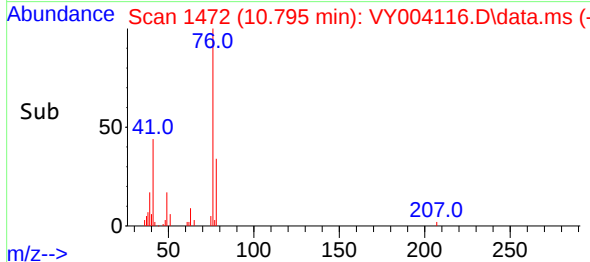
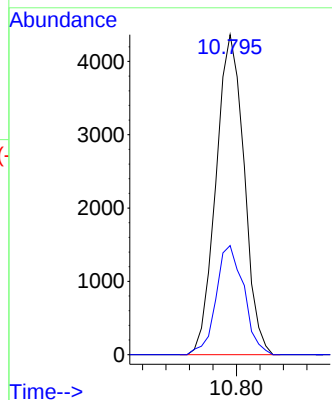
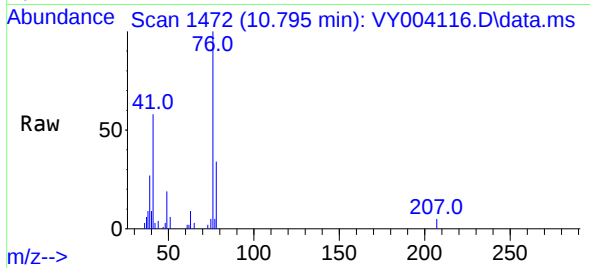
#57
1,3-Dichloropropane
Concen: 2.62 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 76 Resp: 7263
Ion Ratio Lower Upper
76 100
78 33.7 25.5 38.3

Instrument :
MSVOA_Y
ClientSampleId :
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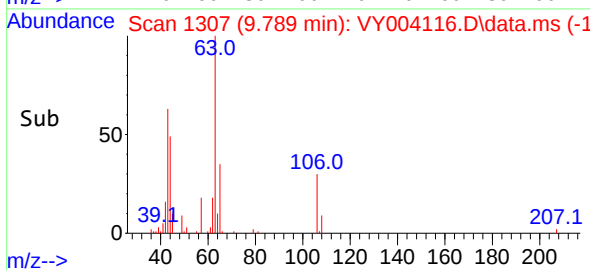
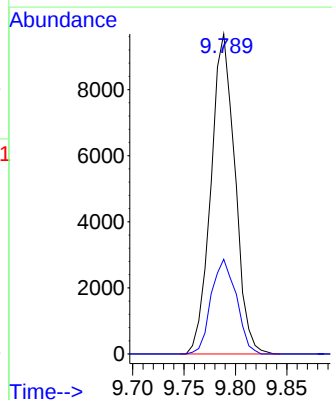
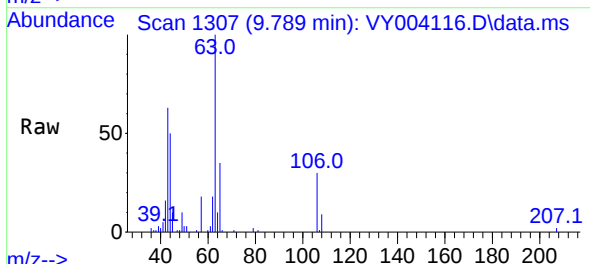
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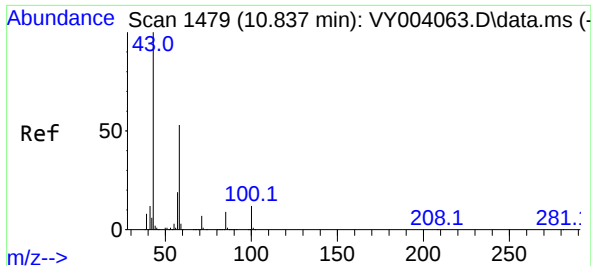
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#58
2-Chloroethyl Vinyl ether
Concen: 15.69 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 63 Resp: 15765
Ion Ratio Lower Upper
63 100
106 30.9 22.1 33.1





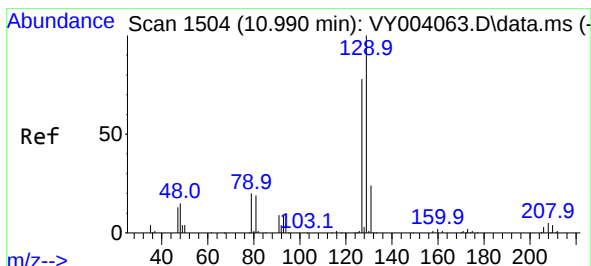
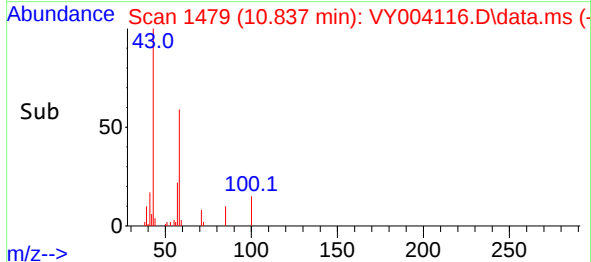
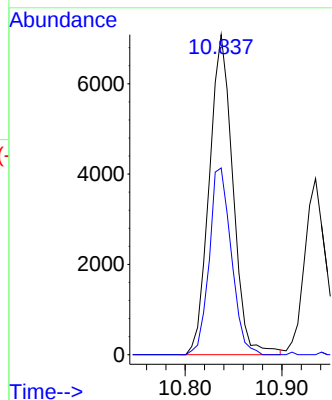
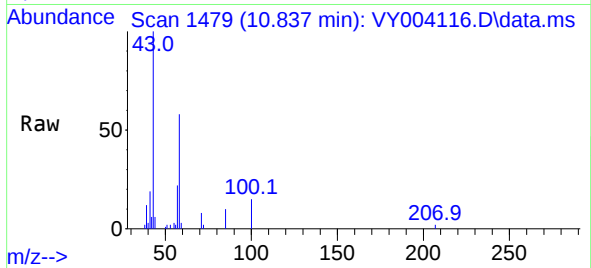
#59
2-Hexanone
Concen: 10.93 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 43 Resp: 12038
Ion Ratio Lower Upper
43 100
58 54.5 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

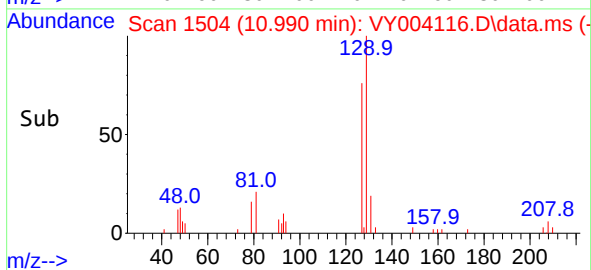
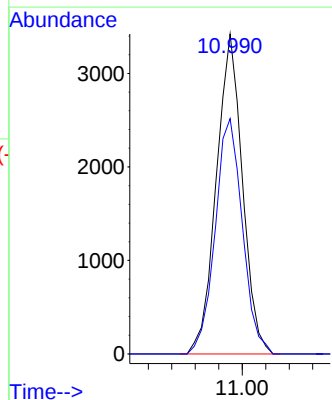
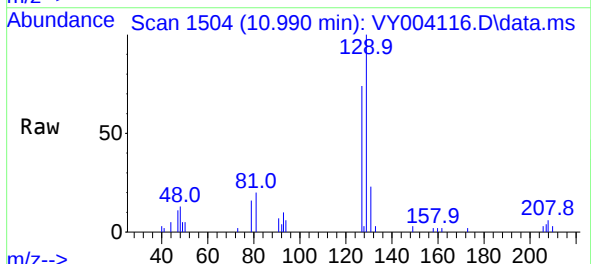
Manual Integrations
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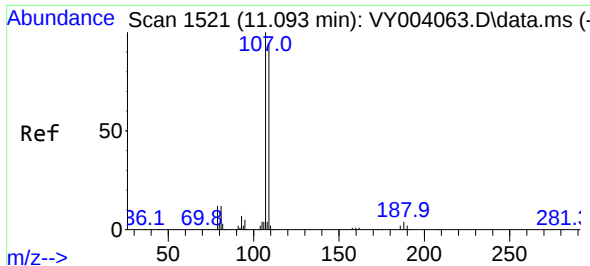
MMDadoda
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#60
Dibromochloromethane
Concen: 2.59 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 129 Resp: 5274
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





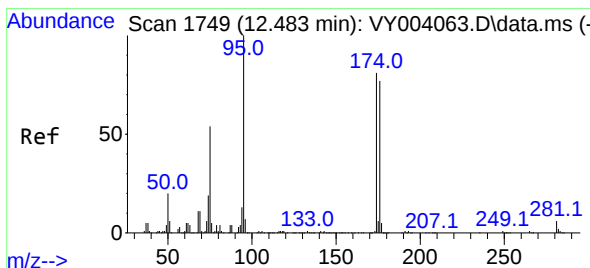
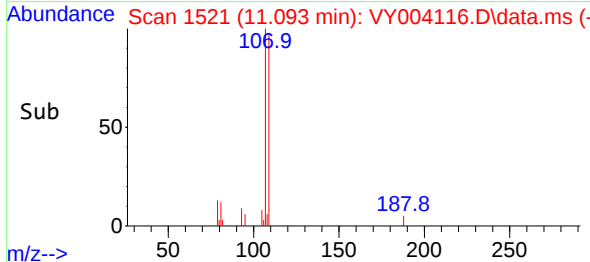
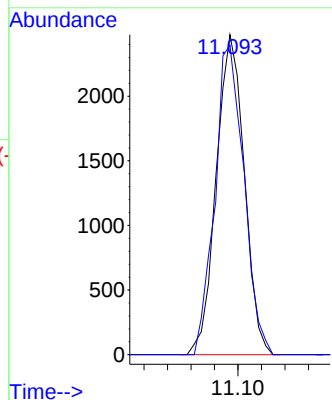
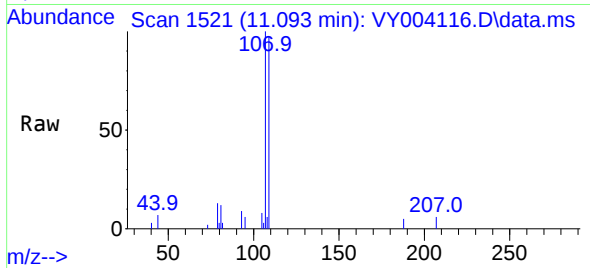
#61
1,2-Dibromoethane
Concen: 2.61 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 107 Resp: 4113
Ion Ratio Lower Upper
107 100
109 99.8 76.7 115.1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

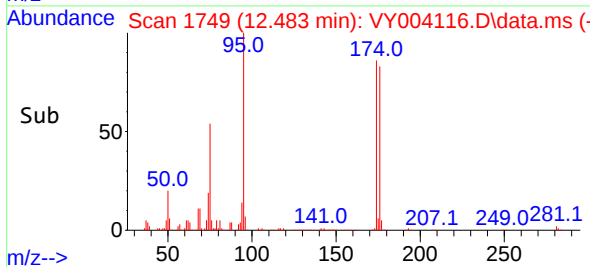
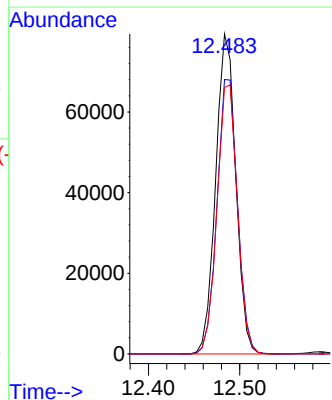
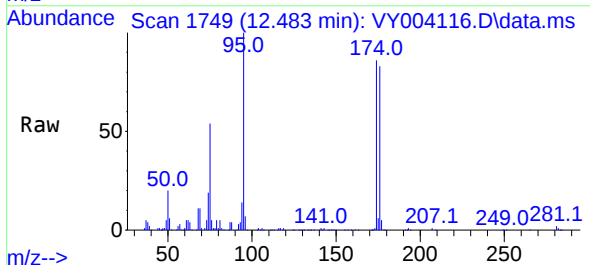
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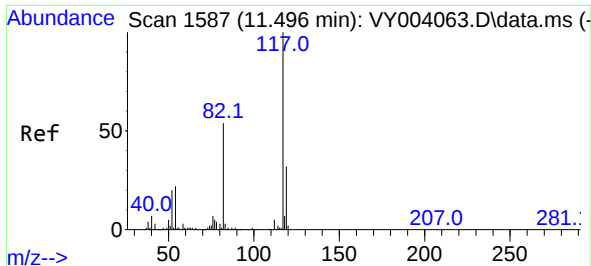
MMDadoda
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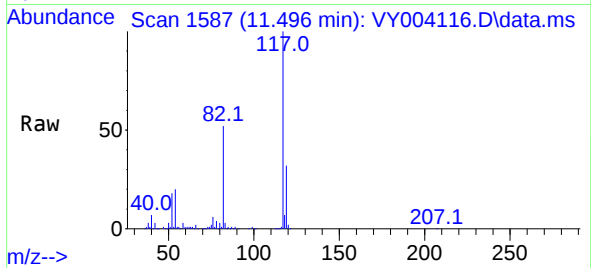
#62
4-Bromofluorobenzene
Concen: 45.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 95 Resp: 121210
Ion Ratio Lower Upper
95 100
174 87.4 0.0 179.0
176 85.7 0.0 174.4

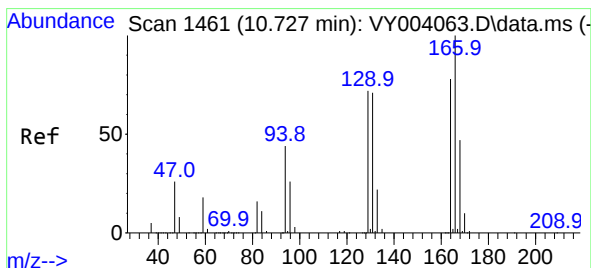
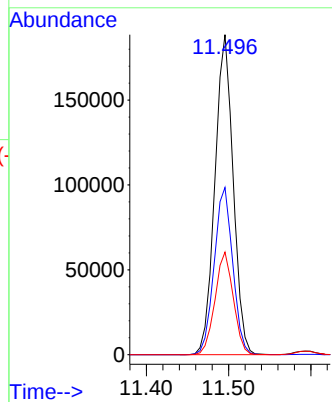
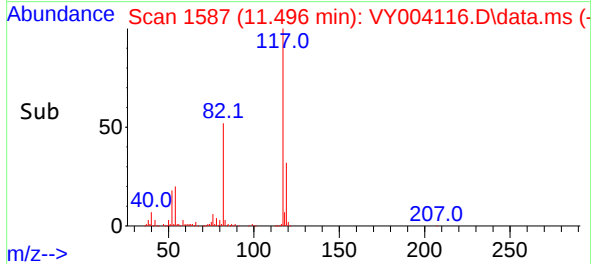




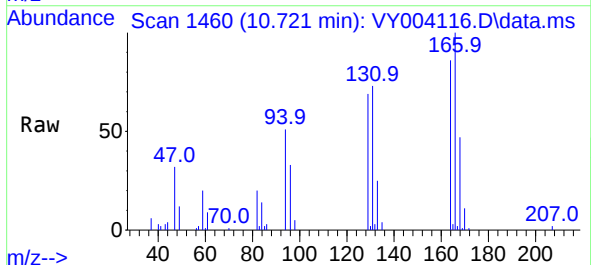
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



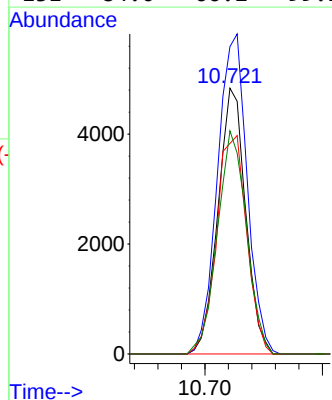
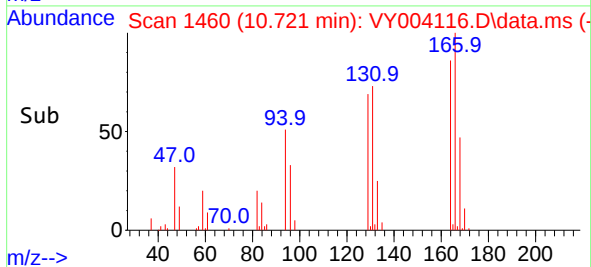
Tgt Ion:	117	Resp:	291150
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.8	65.6
119	32.0	26.2	39.2



#64
Tetrachloroethene
Concen: 3.25 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



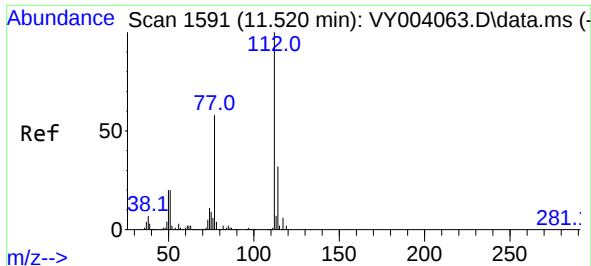
Tgt Ion:	164	Resp:	7916
Ion	Ratio	Lower	Upper
164	100		
166	115.7	102.7	154.1
129	79.3	70.6	105.8
131	84.0	66.2	99.2



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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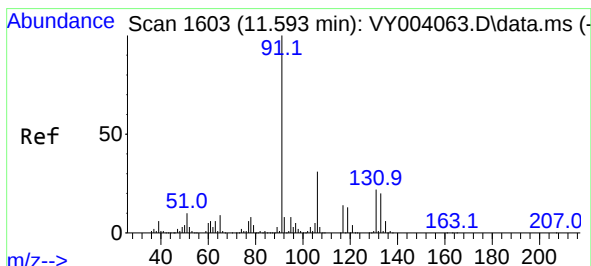
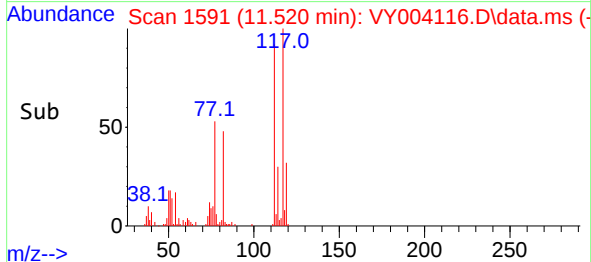
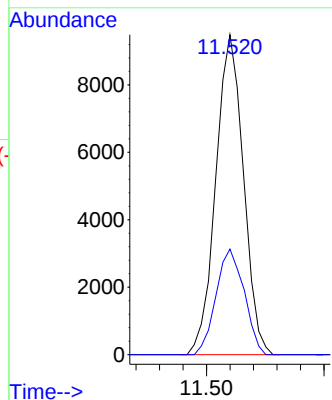
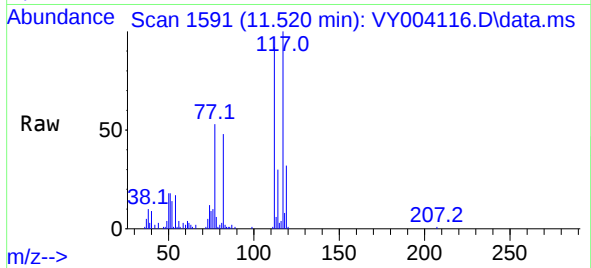
#65
Chlorobenzene
Concen: 2.78 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:112 Resp: 15495
Ion Ratio Lower Upper
112 100
114 33.0 26.5 39.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

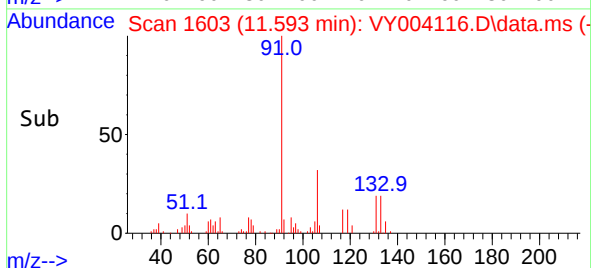
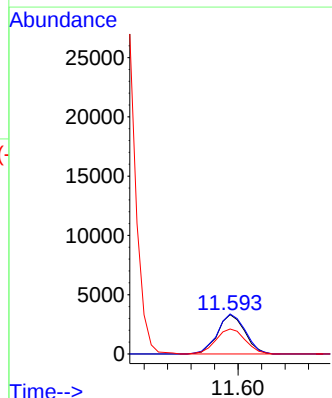
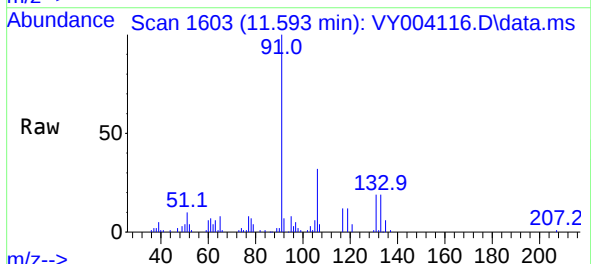
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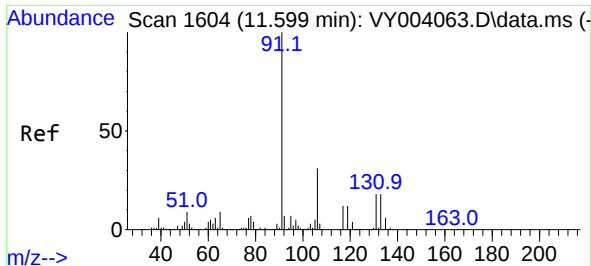
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.56 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:131 Resp: 5343
Ion Ratio Lower Upper
131 100
133 104.3 48.1 144.3
119 68.4 31.5 94.5





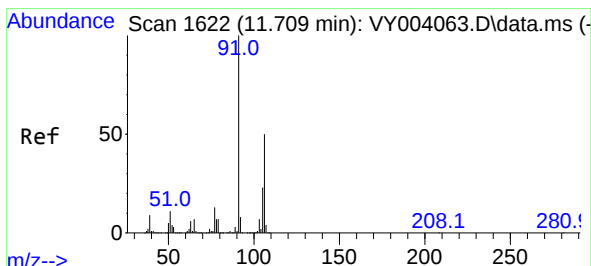
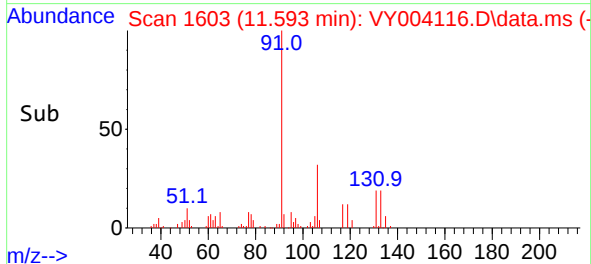
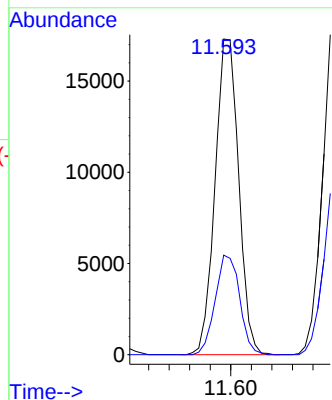
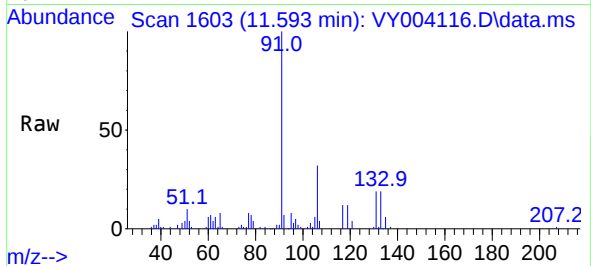
#67
Ethyl Benzene
Concen: 2.69 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 91 Resp: 27574
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
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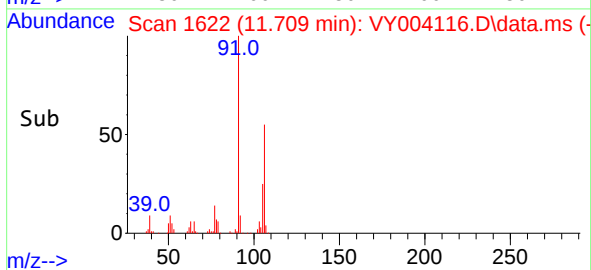
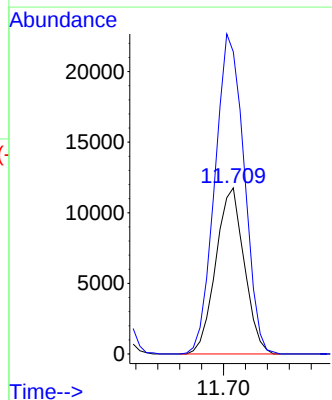
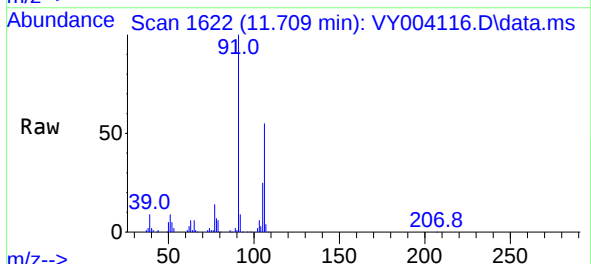
Manual Integrations
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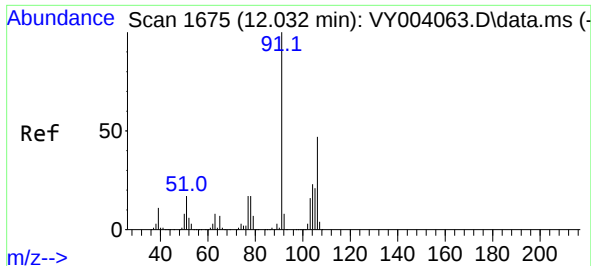
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#68
m/p-Xylenes
Concen: 5.42 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 106 Resp: 21180
Ion Ratio Lower Upper
106 100
91 198.3 165.4 248.0





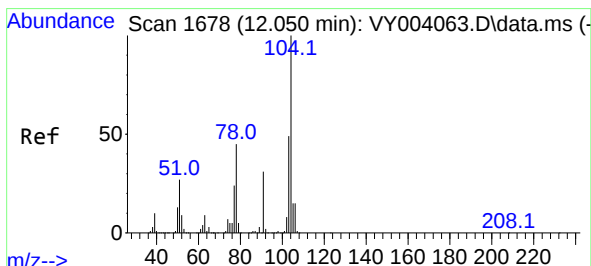
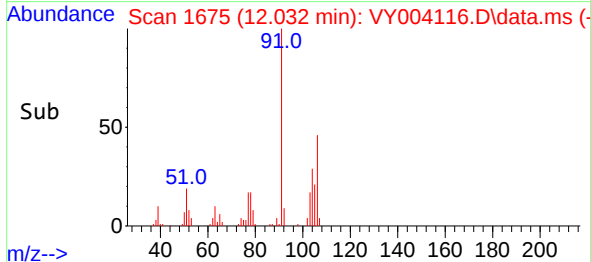
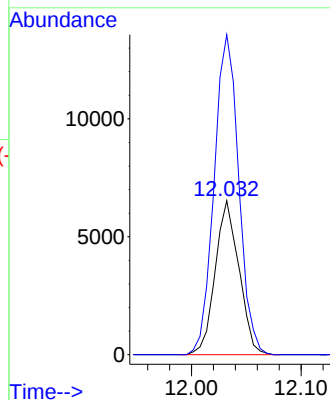
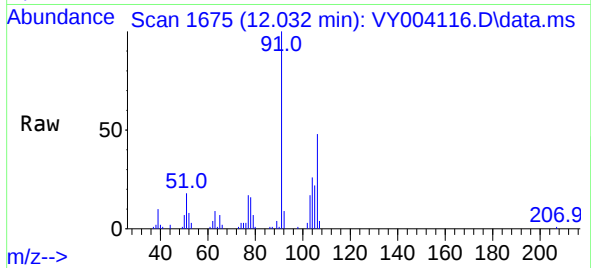
#69
o-Xylene
Concen: 2.66 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:106 Resp: 9839
Ion Ratio Lower Upper
106 100
91 215.1 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

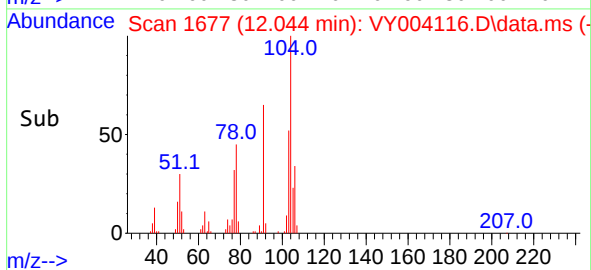
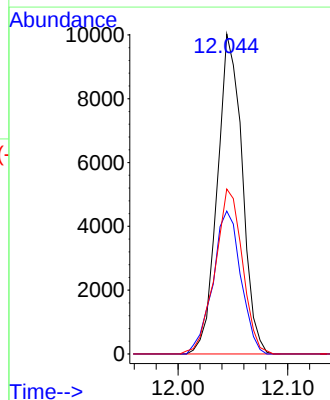
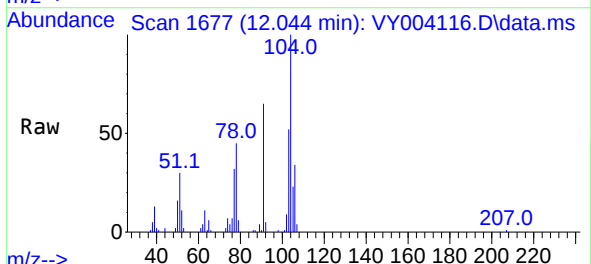
Manual Integrations
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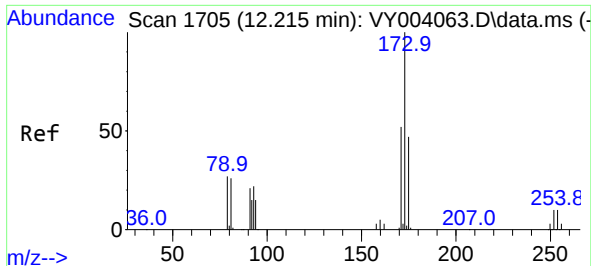
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#70
Styrene
Concen: 2.49 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:104 Resp: 15761
Ion Ratio Lower Upper
104 100
78 50.3 41.1 61.7
103 57.3 43.9 65.9





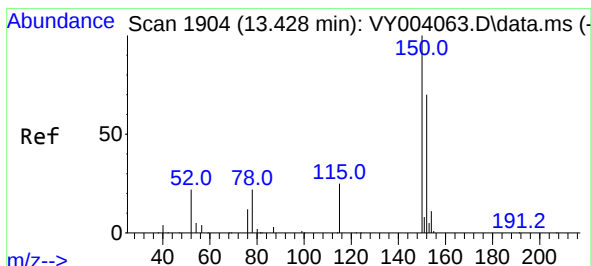
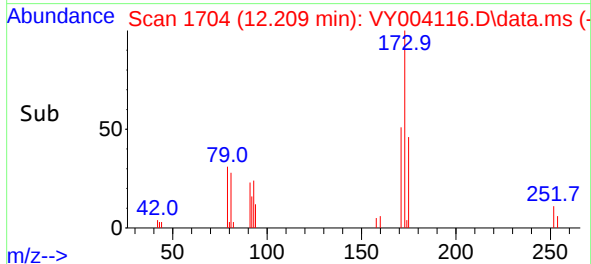
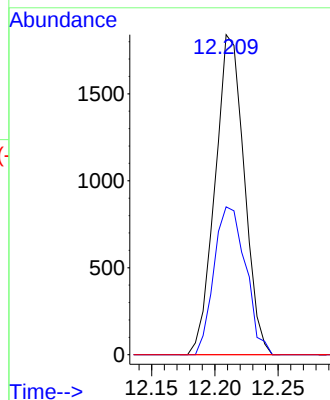
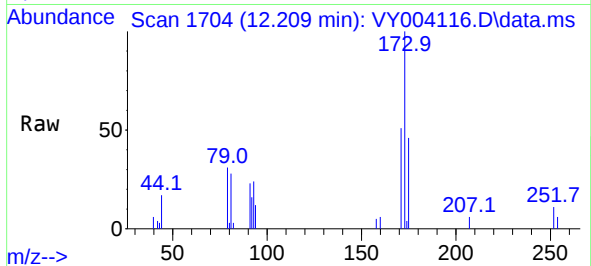
#71
Bromoform
Concen: 2.35 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	173	Resp:	2940
Ion Ratio	Lower	Upper	
173	100		
175	50.5	24.1	72.4
254	0.0	0.1	0.1#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

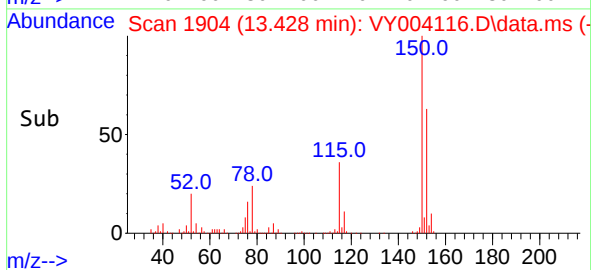
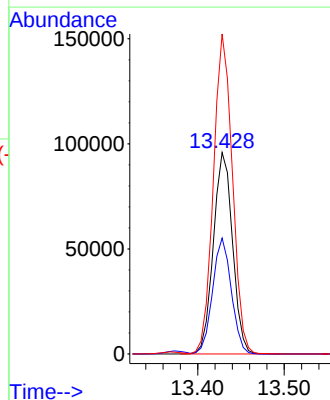
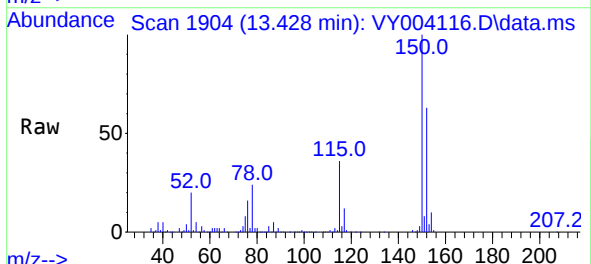
Manual Integrations
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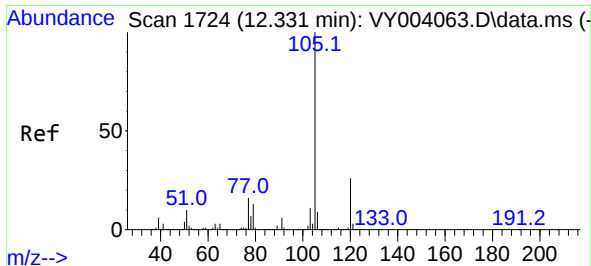
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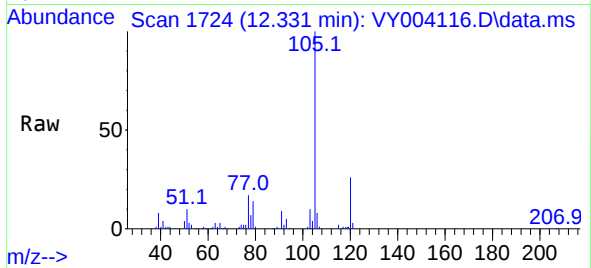
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	152	Resp:	147322
Ion Ratio	Lower	Upper	
152	100		
115	56.2	28.2	84.6
150	157.5	0.0	347.2

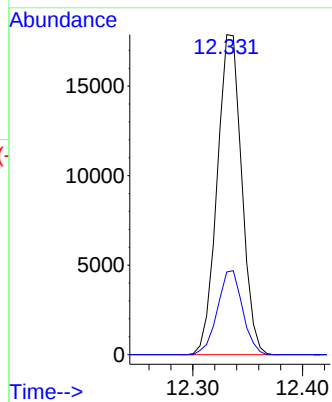
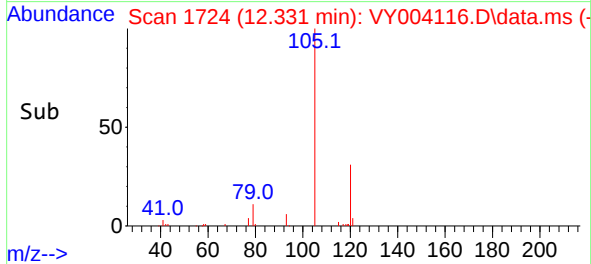




#73
Isopropylbenzene
Concen: 2.72 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



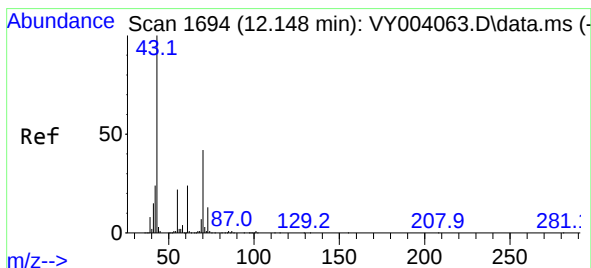
Tgt Ion: 105 Resp: 27841
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



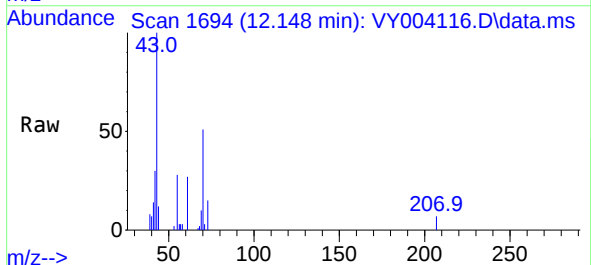
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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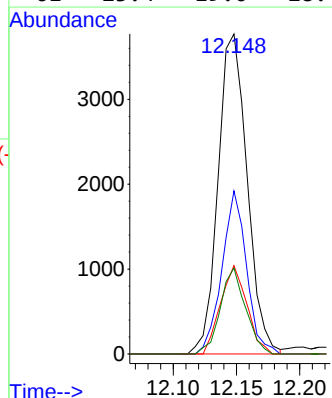
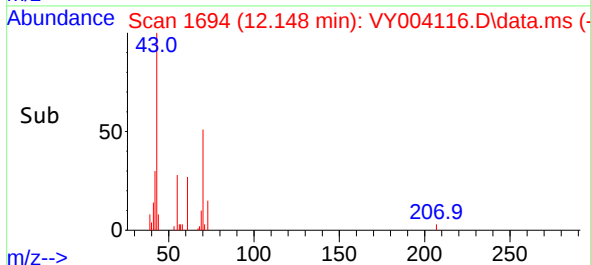
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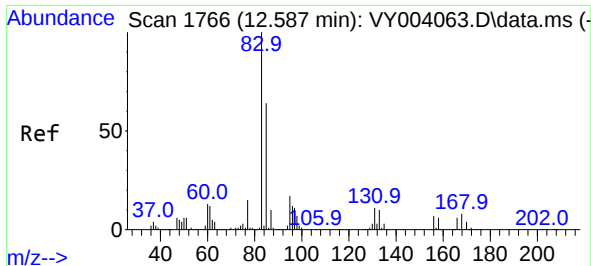


#74
N-ethyl acetate
Concen: 2.05 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



Tgt Ion: 43 Resp: 6017
Ion Ratio Lower Upper
43 100
70 43.1 32.3 48.5
55 25.0 18.4 27.6
61 23.4 19.0 28.4





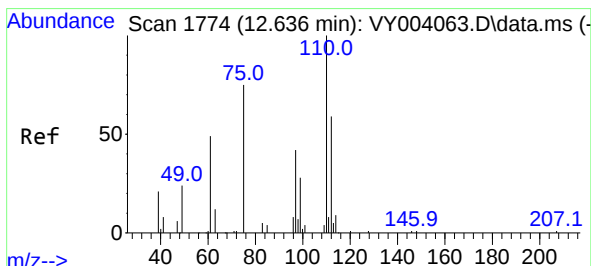
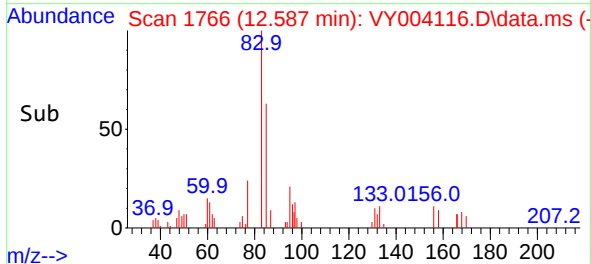
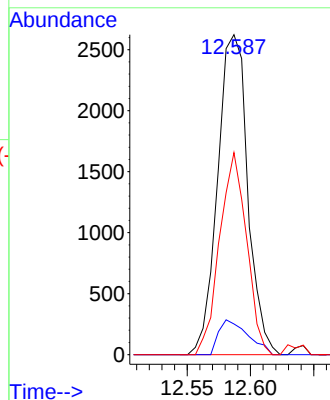
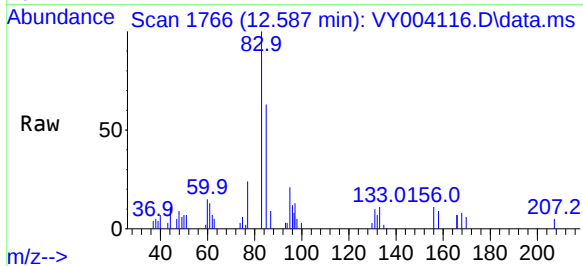
#75
1,1,2,2-Tetrachloroethane
Concen: 2.44 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	83	Resp:	4341
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	56.5	31.6	95.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

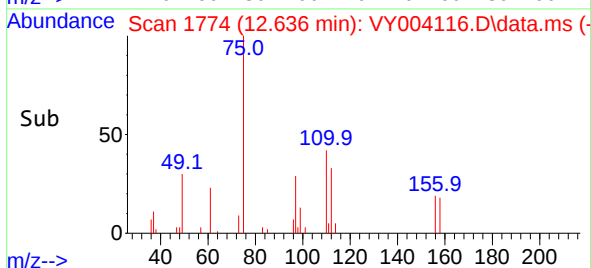
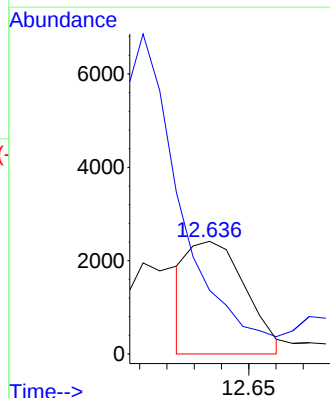
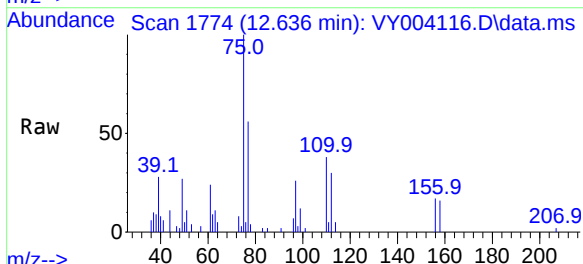
Manual Integrations
APPROVED

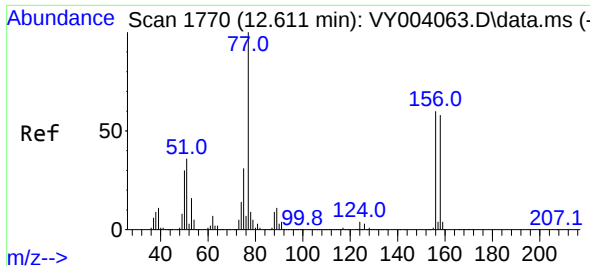
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 2.49 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	75	Resp:	3524
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





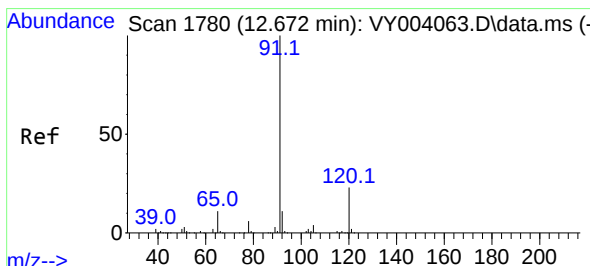
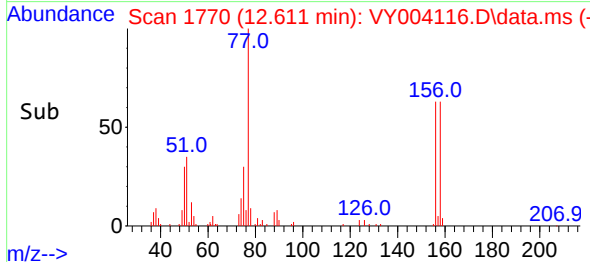
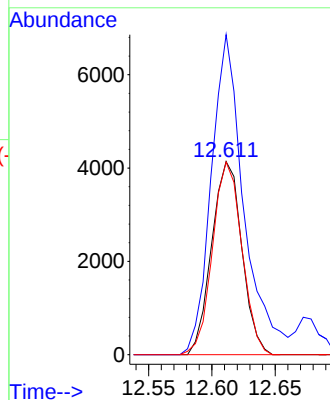
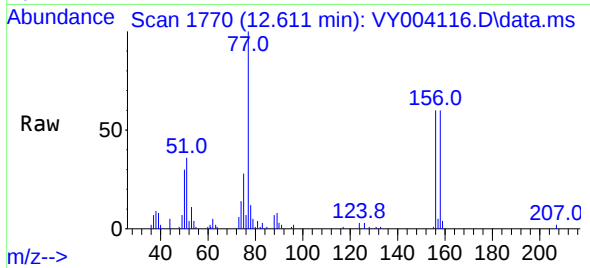
#77
Bromobenzene
Concen: 2.90 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 156 Resp: 6865
Ion Ratio Lower Upper
156 100
77 179.1 90.5 271.3
158 97.0 48.9 146.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

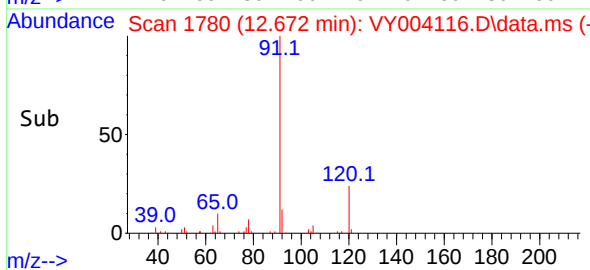
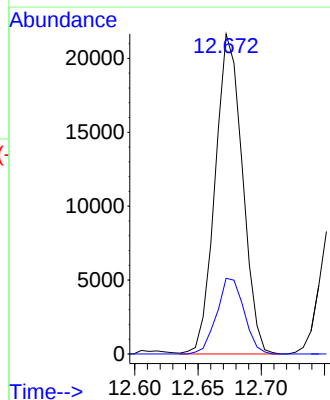
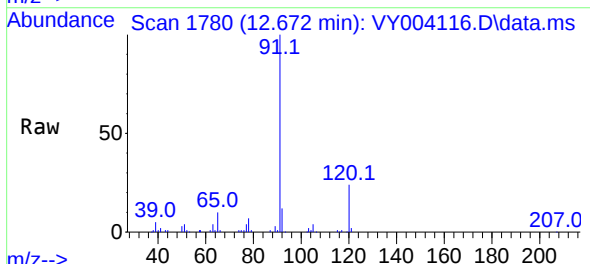
Manual Integrations
APPROVED

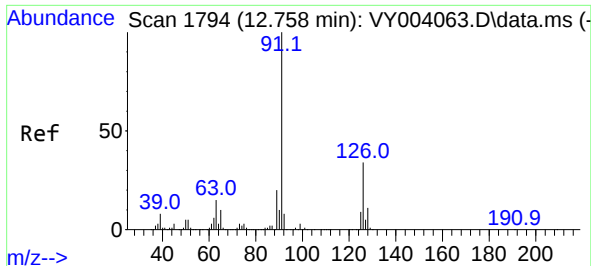
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#78
n-propylbenzene
Concen: 2.69 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 91 Resp: 32453
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9





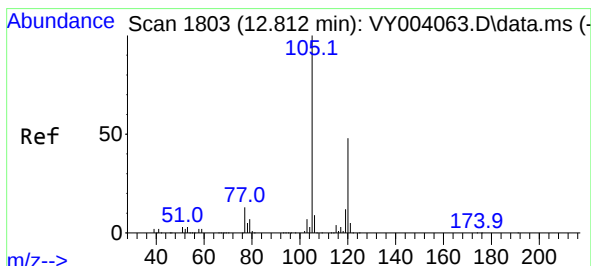
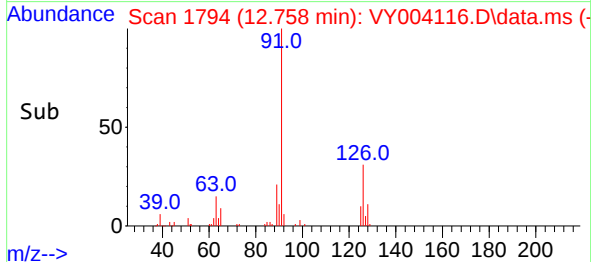
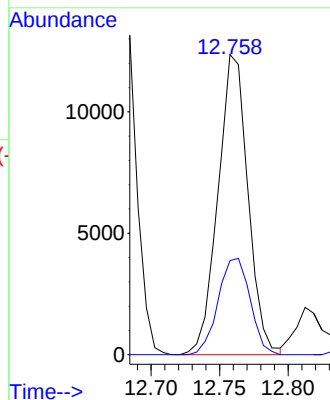
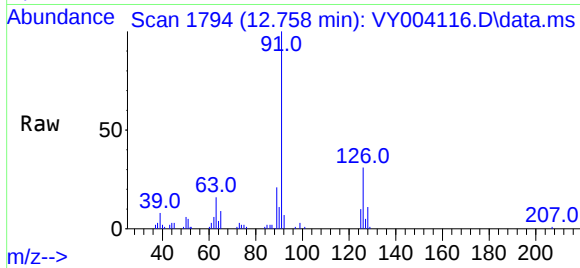
#79
2-Chlorotoluene
Concen: 2.78 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 91 Resp: 18843
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

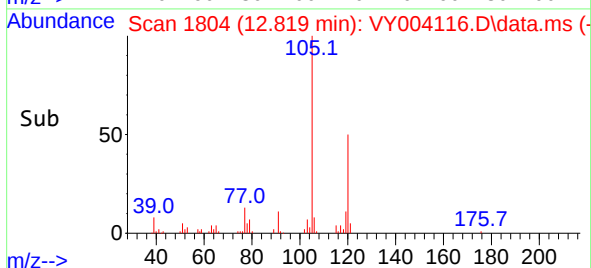
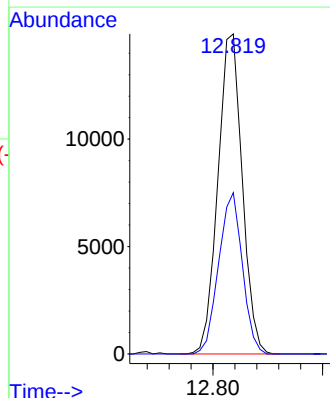
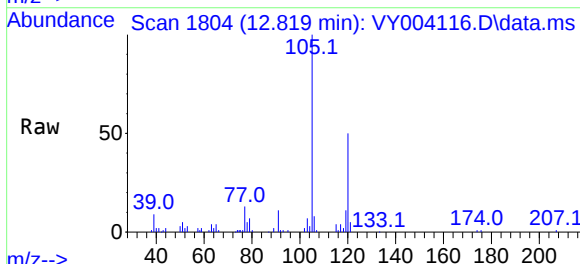
Manual Integrations
APPROVED

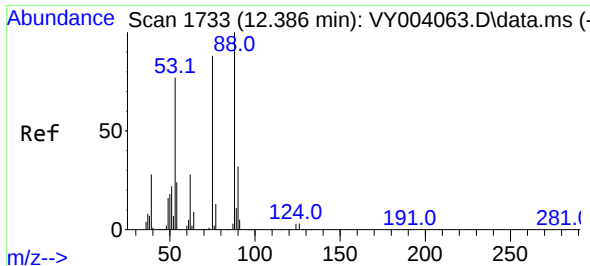
MMDadoda
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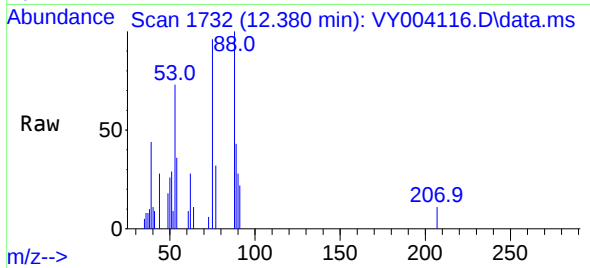
#80
1,3,5-Trimethylbenzene
Concen: 2.65 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion: 105 Resp: 23004
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.2

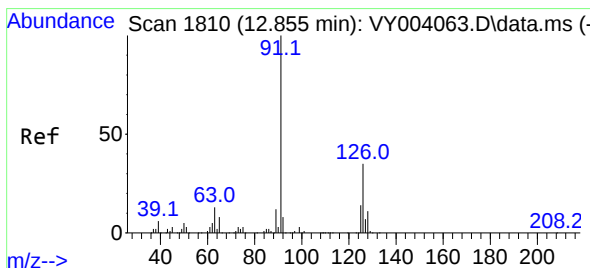
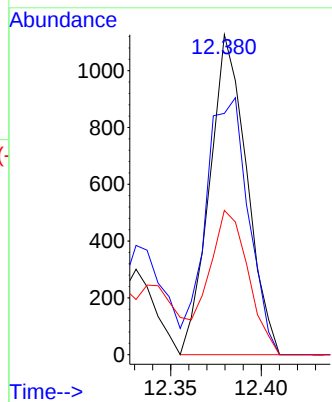
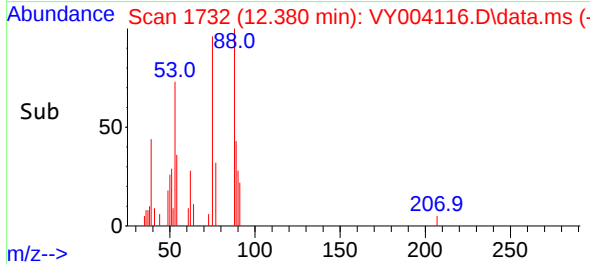




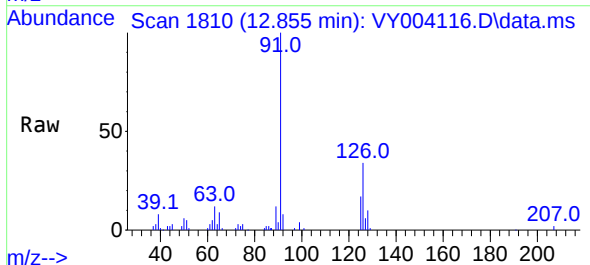
#81
trans-1,4-Dichloro-2-butene
Concen: 2.25 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



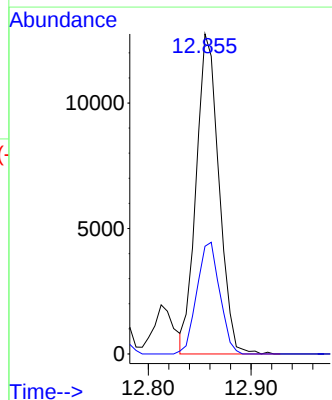
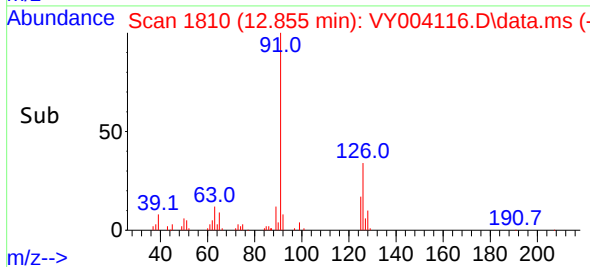
Tgt Ion: 75 Resp: 1609
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 1.9 35.7 53.5#



#82
4-Chlorotoluene
Concen: 2.74 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



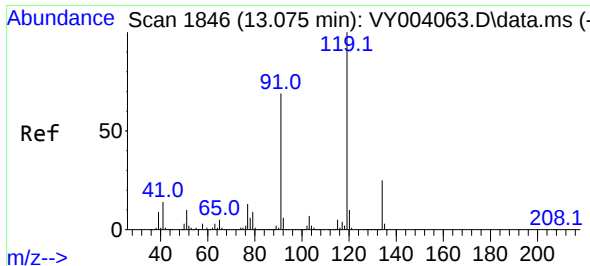
Tgt Ion: 91 Resp: 19618
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.4



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

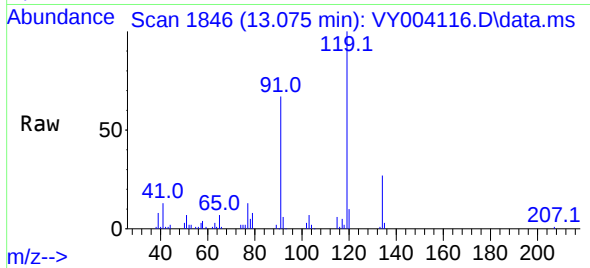
Manual Integrations
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#83
tert-Butylbenzene
Concen: 2.65 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

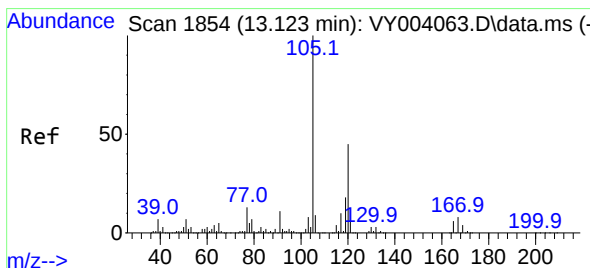
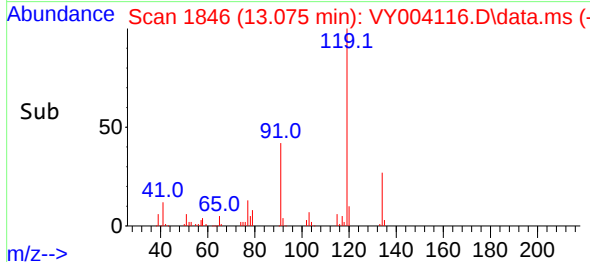
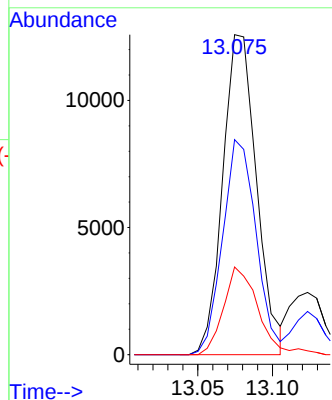
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



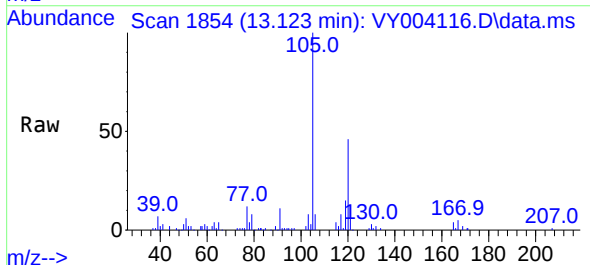
Tgt Ion:119 Resp: 19801
Ion Ratio Lower Upper
119 100
91 66.6 33.0 99.0
134 28.1 12.9 38.7

Manual Integrations
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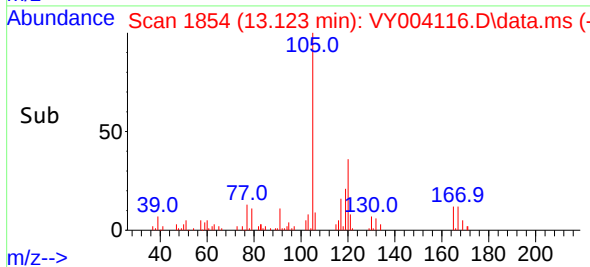
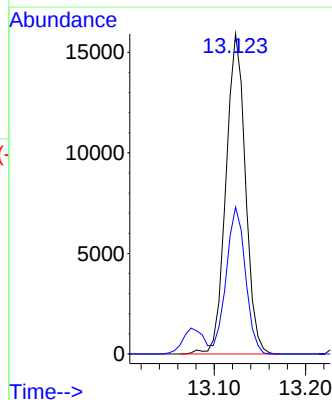
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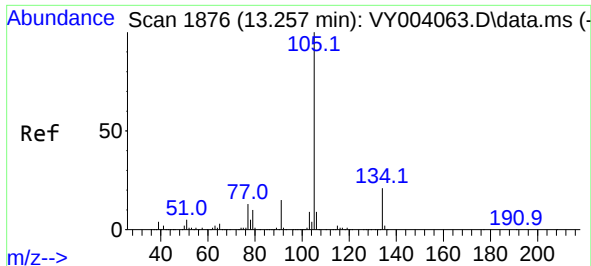


#84
1,2,4-Trimethylbenzene
Concen: 2.71 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



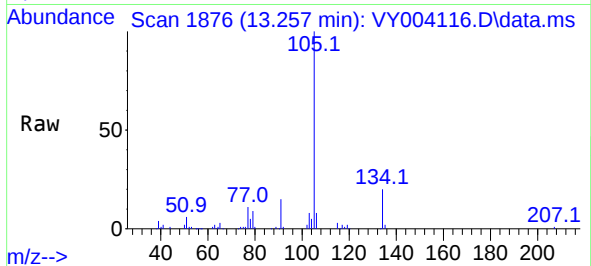
Tgt Ion:105 Resp: 23557
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85
sec-Butylbenzene
Concen: 2.70 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

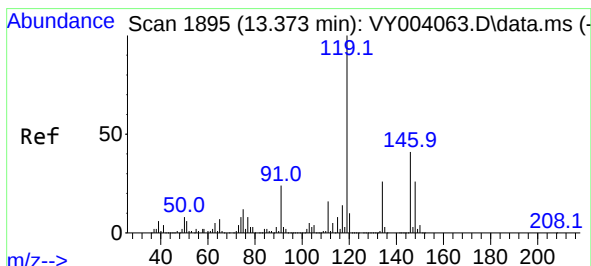
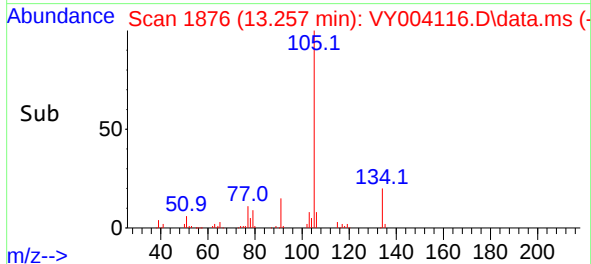
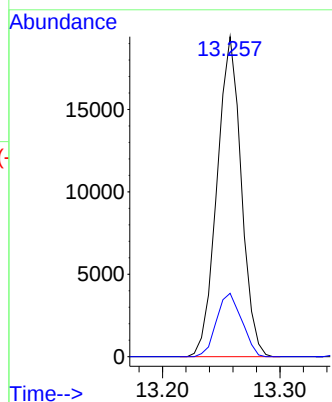
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



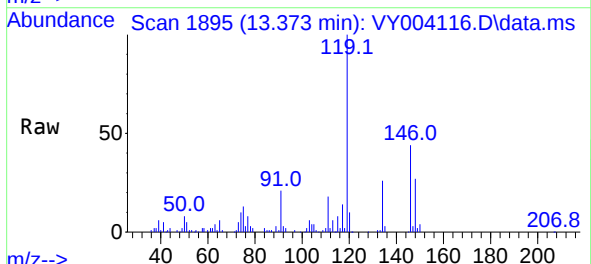
Tgt Ion:105 Resp: 27866
Ion Ratio Lower Upper
105 100
134 20.6 10.2 30.4

Manual Integrations
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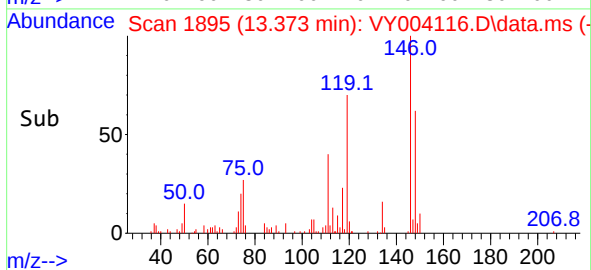
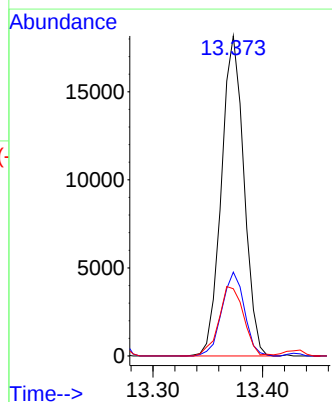
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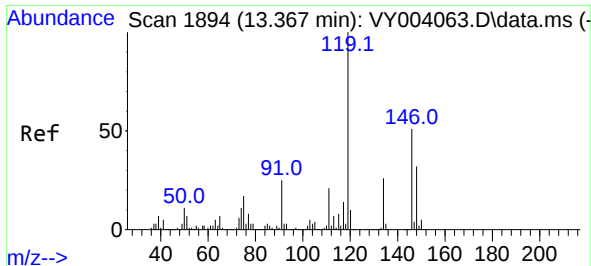


#86
p-Isopropyltoluene
Concen: 2.72 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

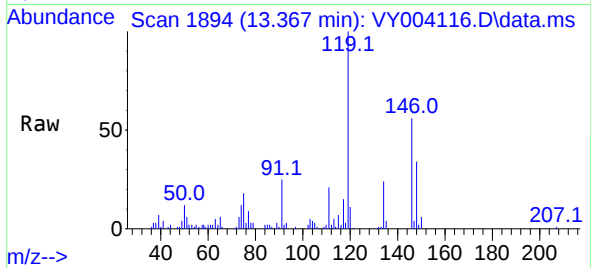


Tgt Ion:119 Resp: 25948
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 24.1 12.1 36.3

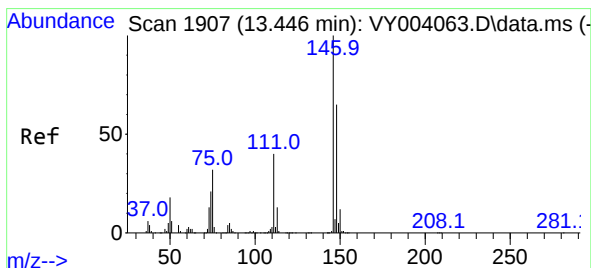
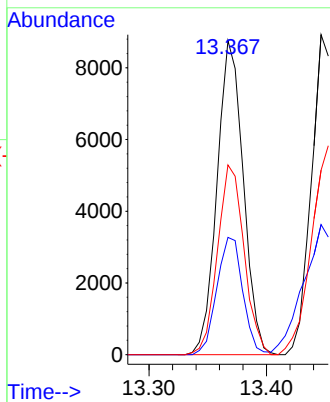
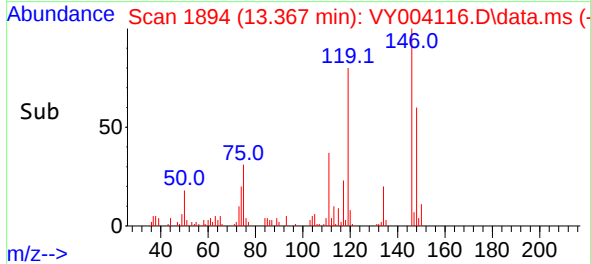




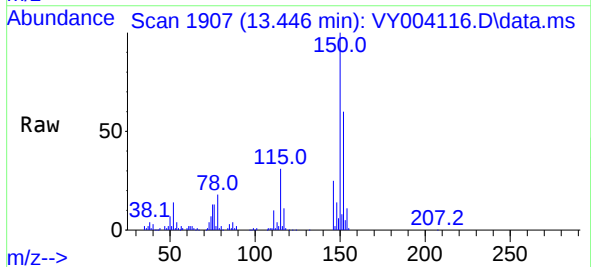
#87
1,3-Dichlorobenzene
Concen: 2.98 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



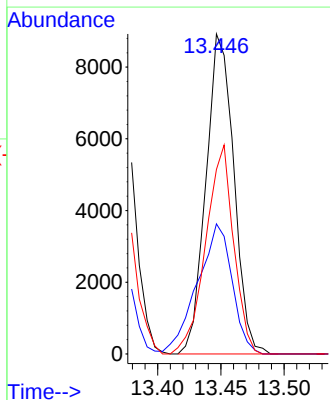
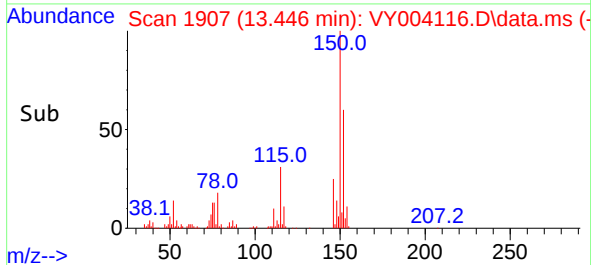
Tgt Ion:146 Resp: 13623
Ion Ratio Lower Upper
146 100
111 36.9 18.9 56.7
148 61.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 3.00 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



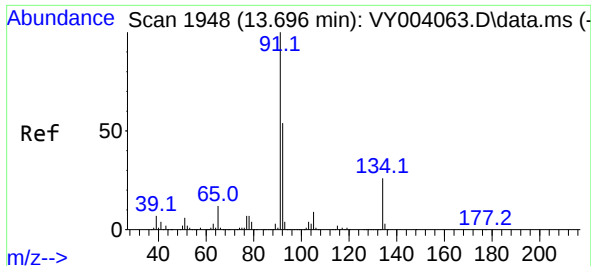
Tgt Ion:146 Resp: 13675
Ion Ratio Lower Upper
146 100
111 50.6 18.6 55.8
148 65.3 31.8 95.4



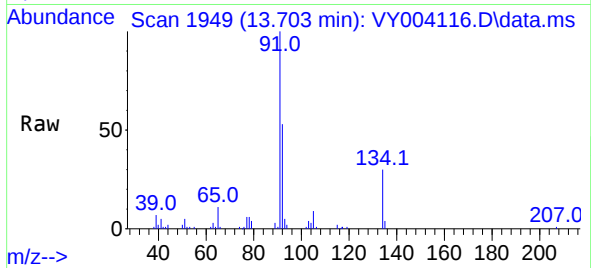
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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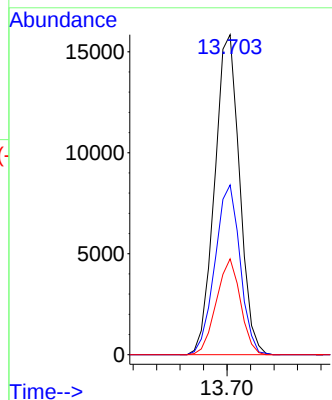
MMDadoda
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#89
n-Butylbenzene
Concen: 2.56 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



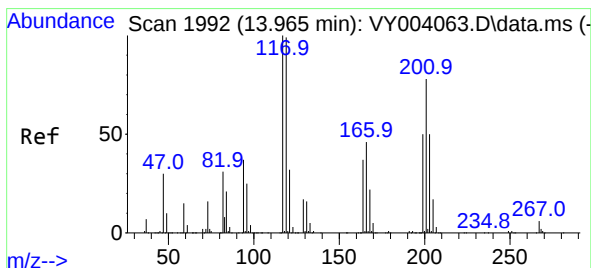
Tgt Ion:	91	Resp:	23298
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.4
134	29.0	13.2	39.5



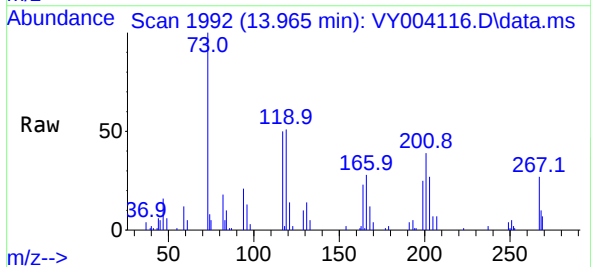
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
APPROVED

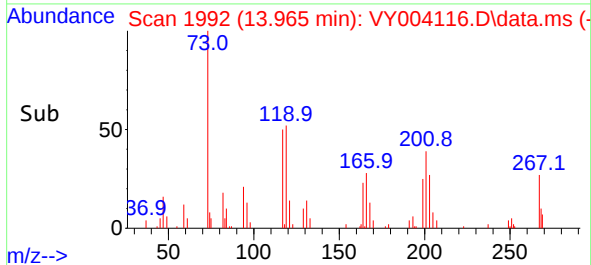
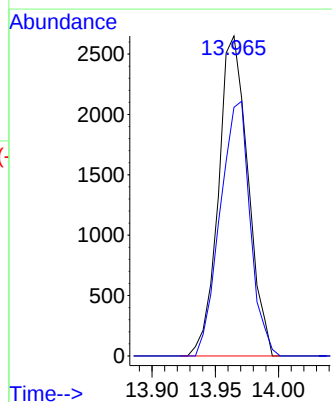
MMDadoda
3/19/2021 3:32:13 PM

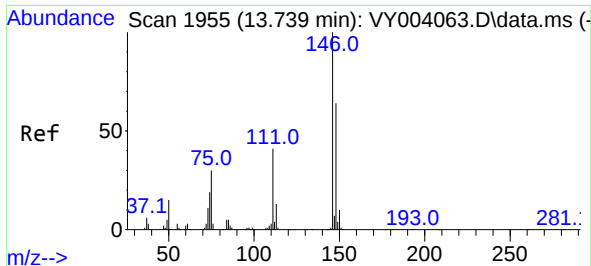


#90
Hexachloroethane
Concen: 2.51 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



Tgt Ion:	117	Resp:	4307
Ion	Ratio	Lower	Upper
117	100		
201	80.8	46.0	138.0





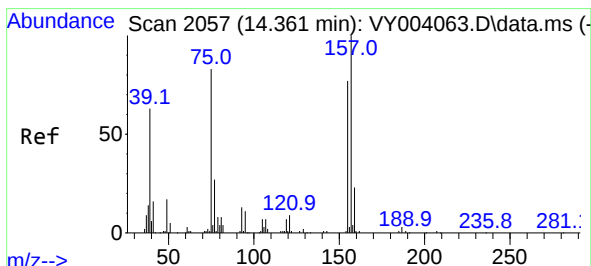
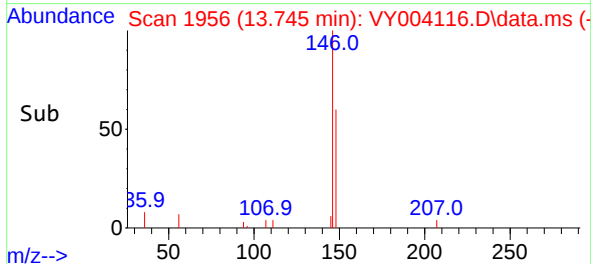
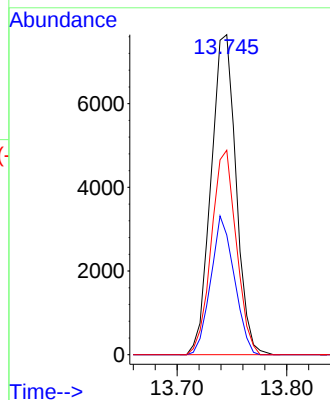
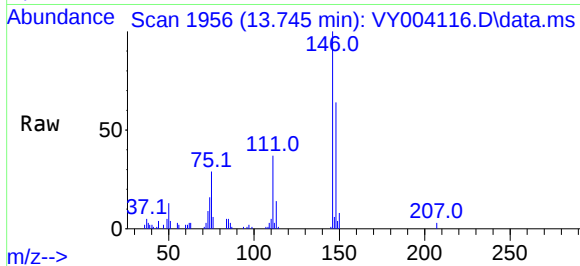
#91
1,2-Dichlorobenzene
Concen: 2.99 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	146	Resp:	12121
Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	63.8	31.9	95.7

Instrument :
MSVOA_Y
ClientSampleId :
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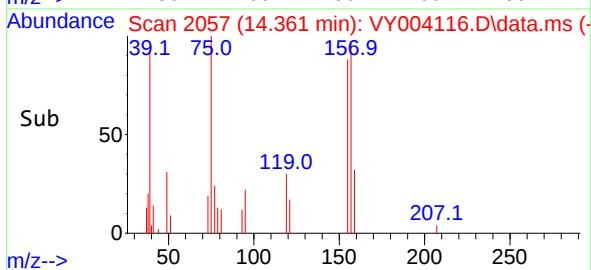
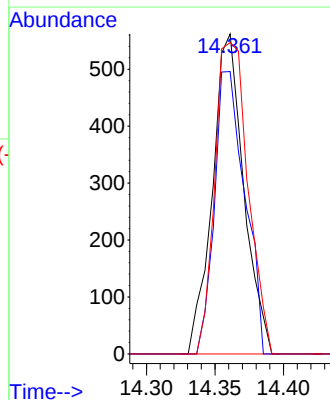
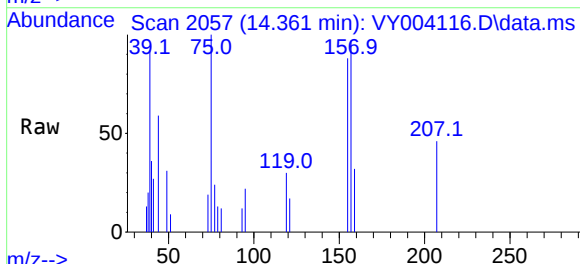
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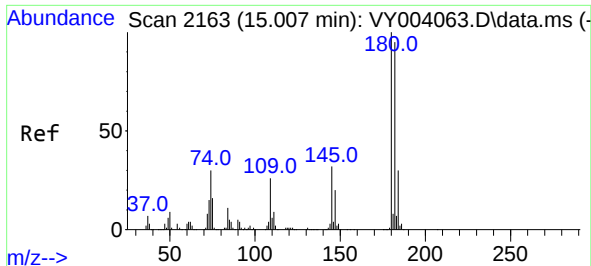
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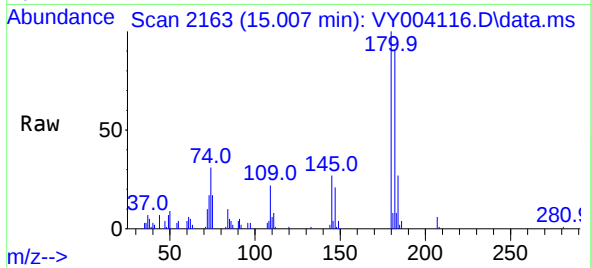
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.66 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	75	Resp:	895
Ion	Ratio	Lower	Upper
75	100		
155	85.5	42.8	128.4
157	103.0	52.4	157.3

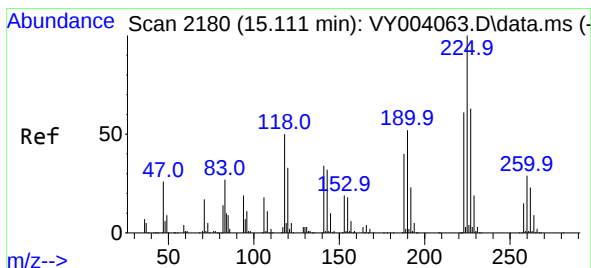
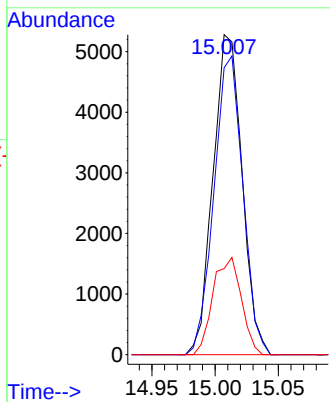
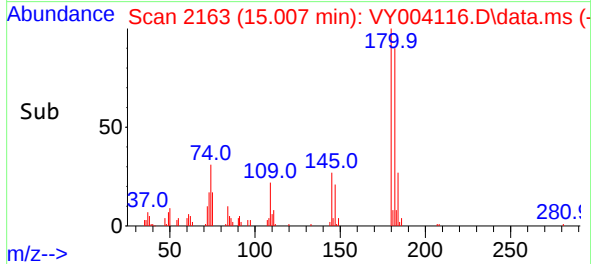




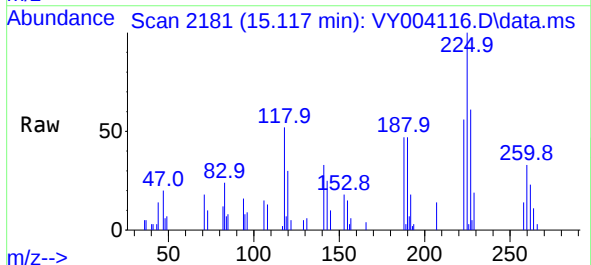
#93
1,2,4-Trichlorobenzene
Concen: 3.07 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



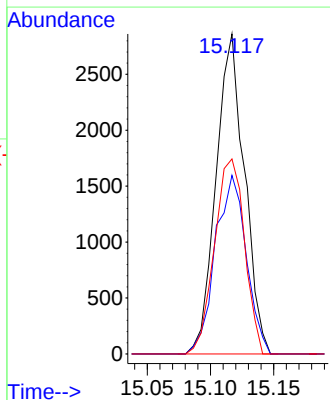
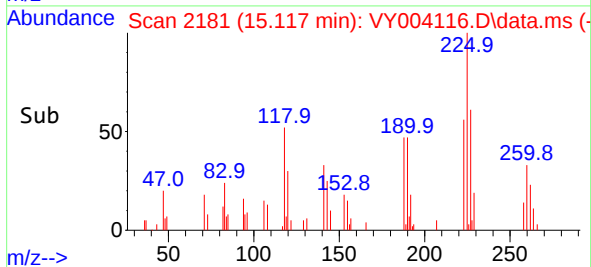
Tgt Ion:180 Resp: 8431
Ion Ratio Lower Upper
180 100
182 92.8 48.0 144.0
145 29.6 14.1 42.2



#94
Hexachlorobutadiene
Concen: 2.90 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47



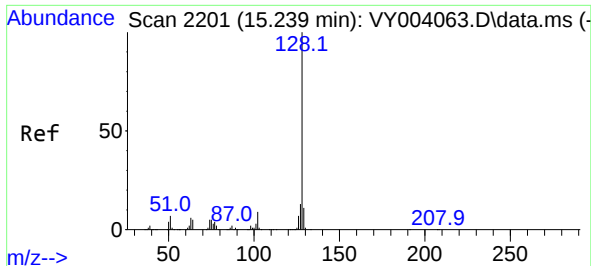
Tgt Ion:225 Resp: 4470
Ion Ratio Lower Upper
225 100
223 60.6 31.5 94.5
227 64.2 32.1 96.3



Instrument :
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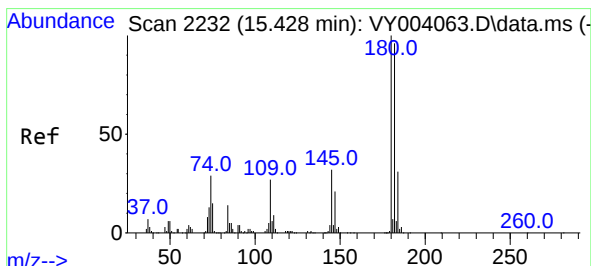
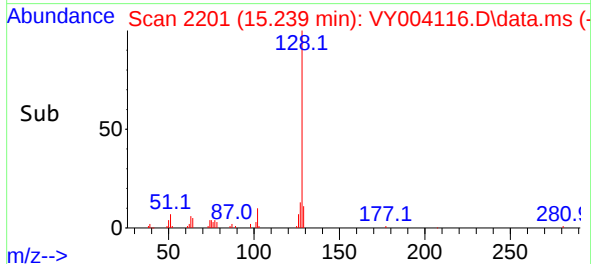
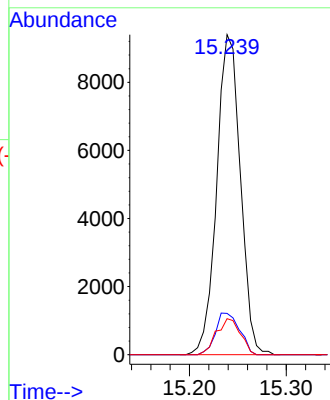
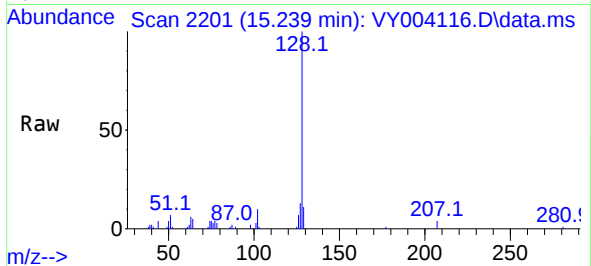
#95
Naphthalene
Concen: 2.93 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	128	Resp:	15948
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.4	8.7	13.1

Instrument :
MSVOA_Y
ClientSampleId :
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#96
1,2,3-Trichlorobenzene
Concen: 2.90 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004116.D
Acq: 18 Mar 2021 12:47

Tgt Ion:	180	Resp:	6687
Ion Ratio	Lower	Upper	
180	100		
182	103.4	47.6	142.8
145	36.2	15.3	45.9

