

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004117.D
 Acq On : 18 Mar 2021 13:10
 Operator : SY/MD
 Sample : M1458-03
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 3/19/2021 3:32:14 PM

Quant Time: Mar 19 02:35:54 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	202050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	95758	48.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.04%
35) Dibromofluoromethane	7.728	113	88912	49.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.34%
50) Toluene-d8	10.185	98	334104	47.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.22%
62) 4-Bromofluorobenzene	12.483	95	122611	47.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7253	4.46	ug/l	100
3) Chloromethane	2.119	50	9297	4.26	ug/l	97
4) Vinyl Chloride	2.260	62	10518	4.31	ug/l	98
5) Bromomethane	2.656	94	8197	5.25	ug/l	90
6) Chloroethane	2.802	64	6291	4.23	ug/l	96
7) Trichlorofluoromethane	3.137	101	13917	4.29	ug/l	98
8) Diethyl Ether	3.540	74	4499	4.33	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	7793	4.29	ug/l	95
10) Methyl Iodide	4.113	142	6774	3.65	ug/l	100
11) Tert butyl alcohol	4.979	59	4195	23.27	ug/l #	92
12) 1,1-Dichloroethene	3.887	96	7241	4.08	ug/l	81
13) Acrolein	3.741	56	3128	17.49	ug/l	98
14) Allyl chloride	4.491	41	10391	3.54	ug/l #	83
15) Acrylonitrile	5.186	53	10505	20.32	ug/l	99
16) Acetone	3.967	43	9251	19.22	ug/l	92
17) Carbon Disulfide	4.204	76	21090	4.04	ug/l #	93
18) Methyl Acetate	4.497	43	5630	4.73	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	21012	4.15	ug/l	98
20) Methylene Chloride	4.735	84	14298	6.15	ug/l	90
21) trans-1,2-Dichloroethene	5.235	96	8643	4.33	ug/l	94
22) Diisopropyl ether	6.137	45	23632	3.81	ug/l	97
23) Vinyl Acetate	6.076	43	73862	18.09	ug/l	99
24) 1,1-Dichloroethane	6.033	63	14205	4.13	ug/l	99
25) 2-Butanone	6.996	43	13276	19.14	ug/l #	87
26) 2,2-Dichloropropane	7.003	77	12797	3.89	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	9512	4.19	ug/l	92
28) Bromochloromethane	7.344	49	5785	3.85	ug/l #	81
29) Tetrahydrofuran	7.356	42	8788	19.50	ug/l #	88
30) Chloroform	7.521	83	14977	4.20	ug/l	91
31) Cyclohexane	7.795	56	16947	4.85	ug/l #	74
32) 1,1,1-Trichloroethane	7.716	97	13700	4.14	ug/l	99
36) 1,1-Dichloropropene	7.929	75	11327	4.06	ug/l	96
37) Ethyl Acetate	7.082	43	6126	4.08	ug/l #	87
38) Carbon Tetrachloride	7.911	117	12159	4.11	ug/l	99
39) Methylcyclohexane	9.191	83	14576	4.05	ug/l	87
40) Benzene	8.173	78	33780	4.30	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	4103m	4.41	ug/l	
42) 1,2-Dichloroethane	8.252	62	10365	4.32	ug/l	94
43) Isopropyl Acetate	8.283	43	11724	3.89	ug/l #	95
44) Trichloroethene	8.947	130	10026	4.41	ug/l	100
45) 1,2-Dichloropropane	9.222	63	7927	4.04	ug/l	95
46) Dibromomethane	9.313	93	4936	4.40	ug/l	97
47) Bromodichloromethane	9.502	83	11443	4.09	ug/l	99
48) Methyl methacrylate	9.301	41	5303	3.70	ug/l #	87
49) 1,4-Dioxane	9.301	88	1375	96.32	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	29831	19.54	ug/l	96
52) Toluene	10.252	92	22400	4.40	ug/l	90
53) t-1,3-Dichloropropene	10.471	75	11501	3.89	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	13284	4.01	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	6900	4.38	ug/l	94
56) Ethyl methacrylate	10.514	69	8799	3.99	ug/l	90
57) 1,3-Dichloropropane	10.795	76	11617	4.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	22742	23.25	ug/l	93
59) 2-Hexanone	10.837	43	20518	19.13	ug/l	99
60) Dibromochloromethane	10.990	129	8063	4.07	ug/l	100
61) 1,2-Dibromoethane	11.093	107	6452	4.20	ug/l	98
64) Tetrachloroethene	10.721	164	11650	4.83	ug/l	90
65) Chlorobenzene	11.520	112	23701	4.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	8739	4.23	ug/l	97
67) Ethyl Benzene	11.593	91	41224	4.07	ug/l	99
68) m/p-Xylenes	11.709	106	33085	8.56	ug/l	92
69) o-Xylene	12.032	106	15501	4.24	ug/l	95
70) Styrene	12.050	104	25361	4.05	ug/l	97
71) Bromoform	12.209	173	4890	3.96	ug/l #	97
73) Isopropylbenzene	12.331	105	41038	4.06	ug/l	99
74) N-amyl acetate	12.148	43	10028	3.47	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	6691	3.81	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	5414m	3.88	ug/l	
77) Bromobenzene	12.611	156	10059	4.31	ug/l	99
78) n-propylbenzene	12.672	91	47934	4.03	ug/l	98
79) 2-Chlorotoluene	12.758	91	27004	4.04	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	34915	4.07	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2585	3.66	ug/l	95
82) 4-Chlorotoluene	12.855	91	28942	4.09	ug/l	97
83) tert-Butylbenzene	13.081	119	29913	4.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	35114	4.09	ug/l	97
85) sec-Butylbenzene	13.258	105	40592	3.99	ug/l	98
86) p-Isopropyltoluene	13.373	119	37292	3.96	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	19608	4.35	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	19517	4.34	ug/l	91
89) n-Butylbenzene	13.696	91	35068	3.91	ug/l	96
90) Hexachloroethane	13.965	117	6475	3.82	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	17497	4.38	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1494	4.51	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	11981	4.42	ug/l	96
94) Hexachlorobutadiene	15.111	225	6579	4.33	ug/l	97
95) Naphthalene	15.239	128	23840	4.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10278	4.51	ug/l	99

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MDL-SOIL-03-QT1-2021

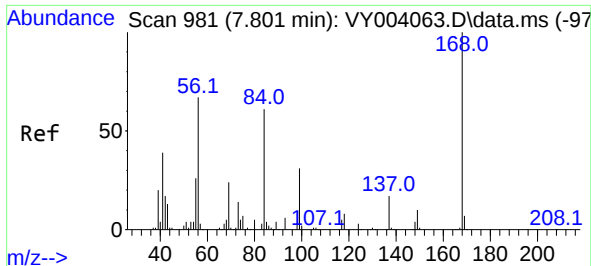
Manual Integrations
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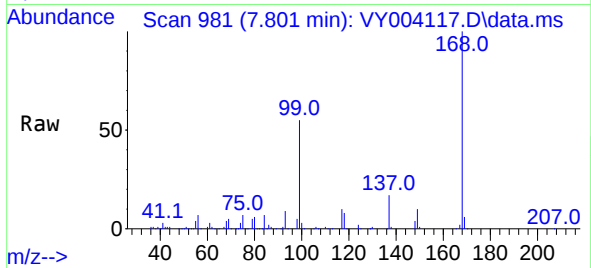
Quant Time: Mar 19 02:35:54 2021
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QLast Update : Fri Mar 19 02:34:41 2021
Response via : Initial Calibration

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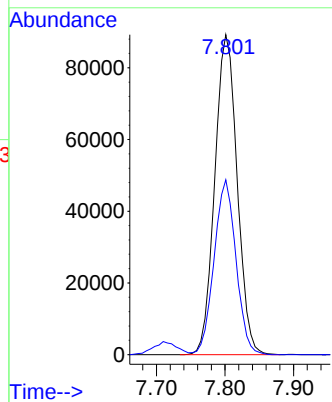
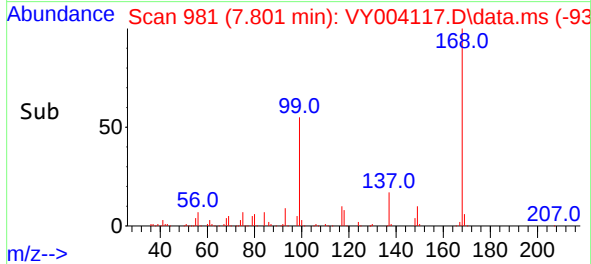
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004117.D
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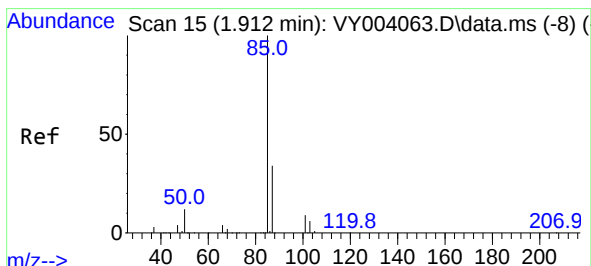
Tgt Ion:168 Resp: 202050
Ion Ratio Lower Upper
168 100
99 54.6 41.2 61.8



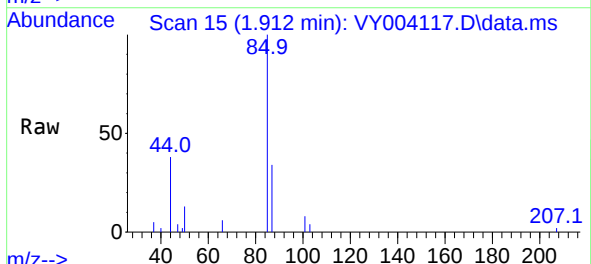
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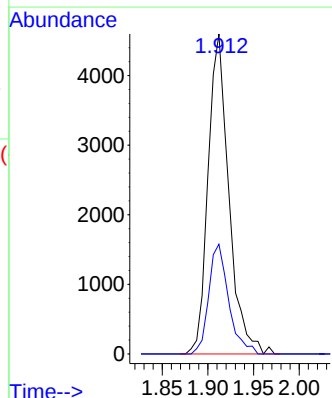
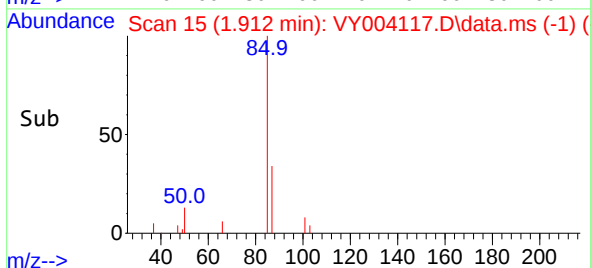
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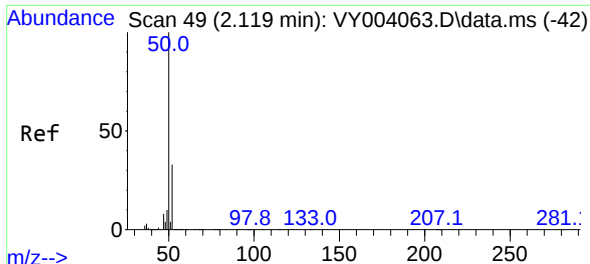


#2
Dichlorodifluoromethane
Concen: 4.46 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



Tgt Ion: 85 Resp: 7253
Ion Ratio Lower Upper
85 100
87 34.3 17.0 51.0





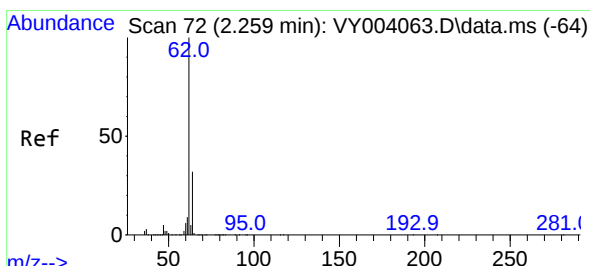
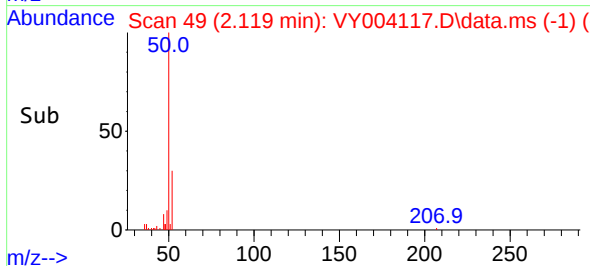
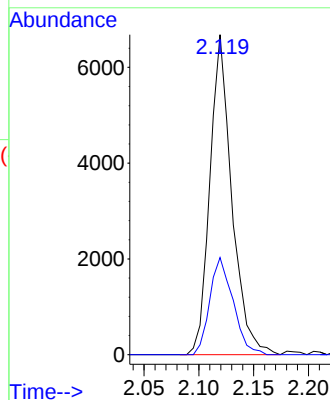
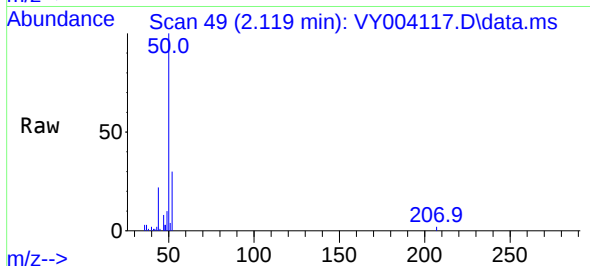
#3
Chloromethane
Concen: 4.26 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 50 Resp: 9297
Ion Ratio Lower Upper
50 100
52 30.3 25.4 38.2

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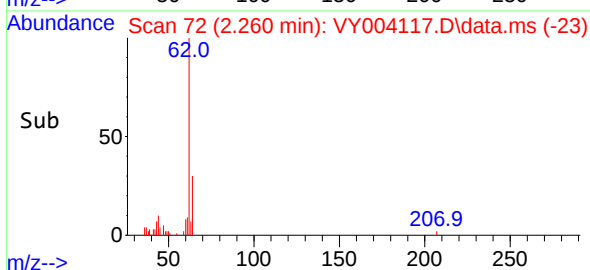
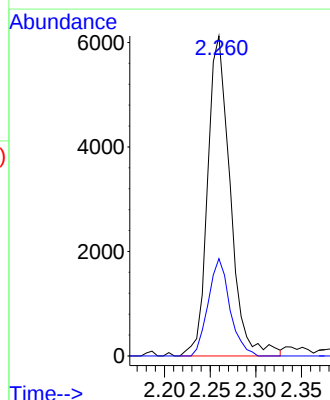
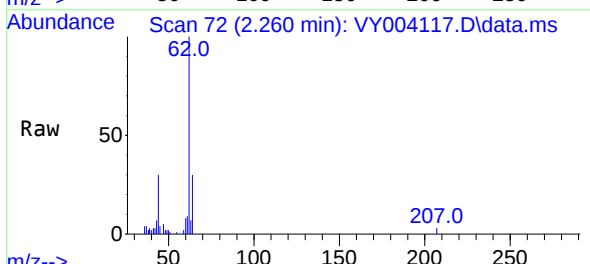
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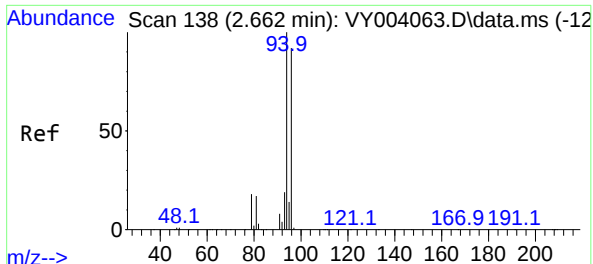
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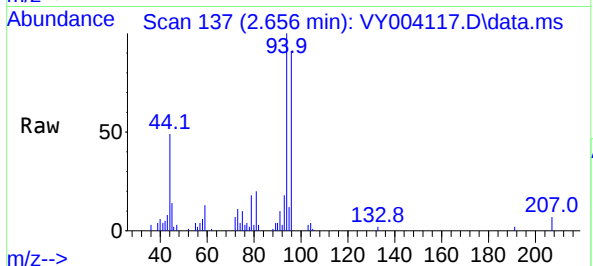
#4
Vinyl Chloride
Concen: 4.31 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 62 Resp: 10518
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9

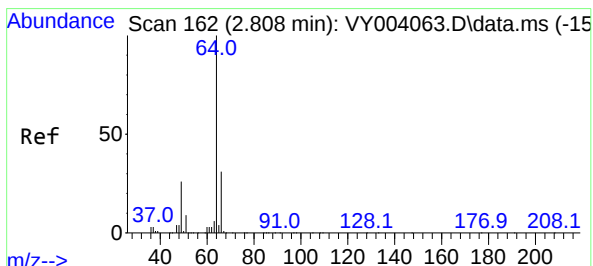
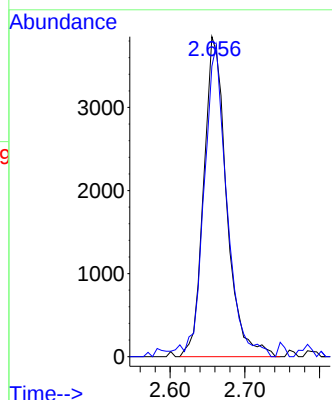
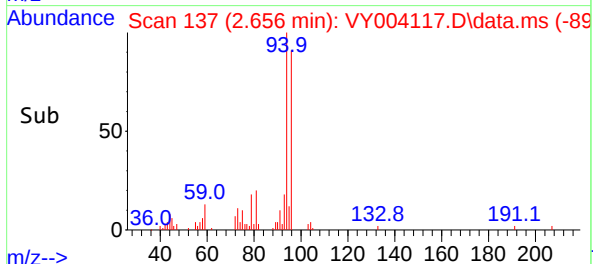




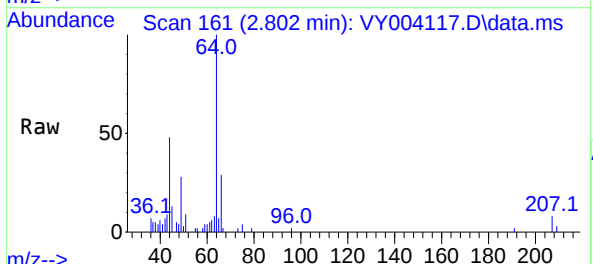
#5
Bromomethane
Concen: 5.25 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



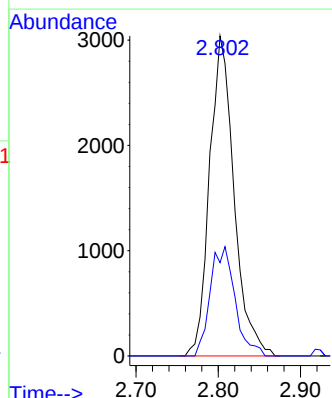
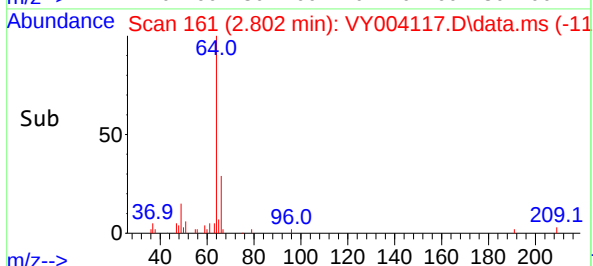
Tgt Ion: 94 Resp: 8197
Ion Ratio Lower Upper
94 100
96 87.1 77.4 116.2



#6
Chloroethane
Concen: 4.23 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY004117.D
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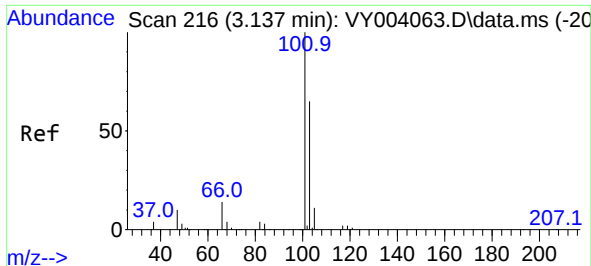
Tgt Ion: 64 Resp: 6291
Ion Ratio Lower Upper
64 100
66 29.2 25.0 37.6



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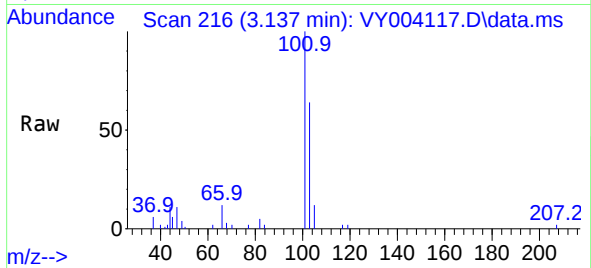
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#7
Trichlorofluoromethane
Concen: 4.29 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY004117.D
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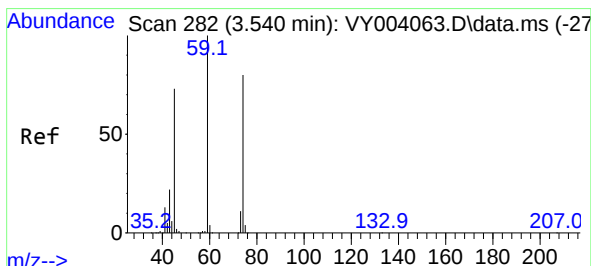
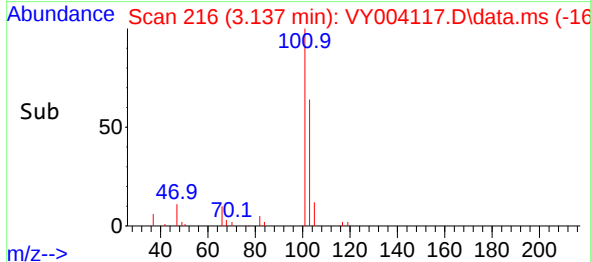
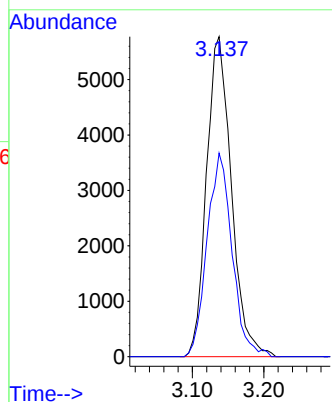
Instrument :
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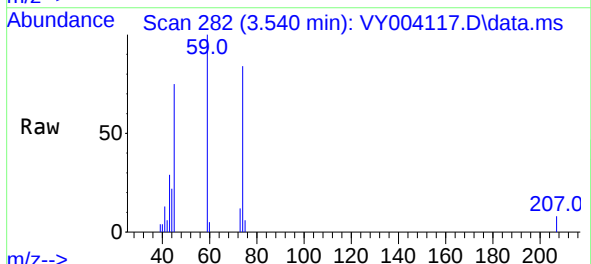
Tgt Ion:101 Resp: 13917
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.2

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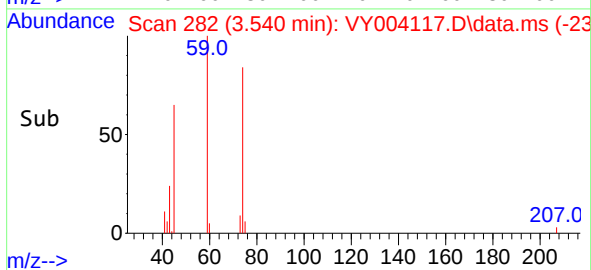
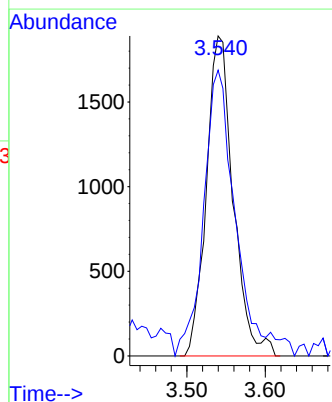
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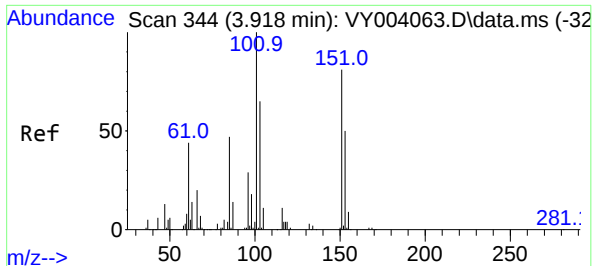


#8
Diethyl Ether
Concen: 4.33 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY004117.D
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Tgt Ion: 74 Resp: 4499
Ion Ratio Lower Upper
74 100
45 105.9 52.6 157.8





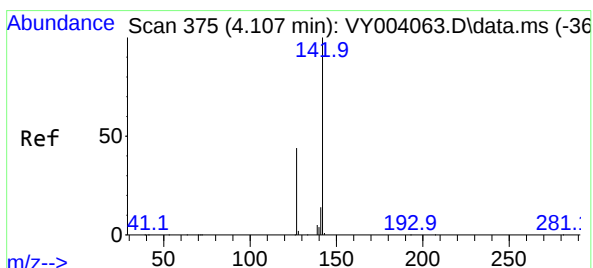
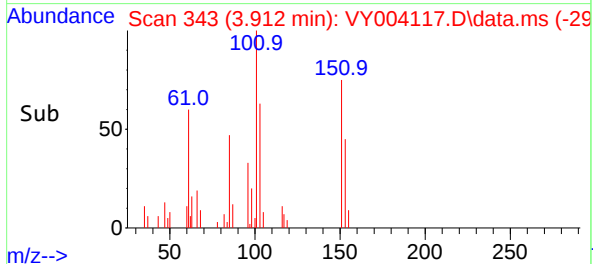
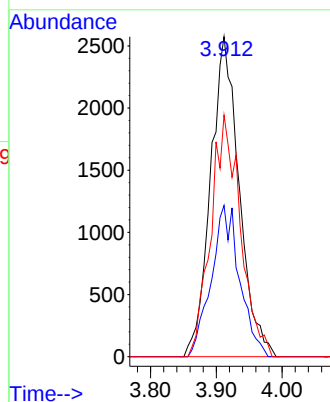
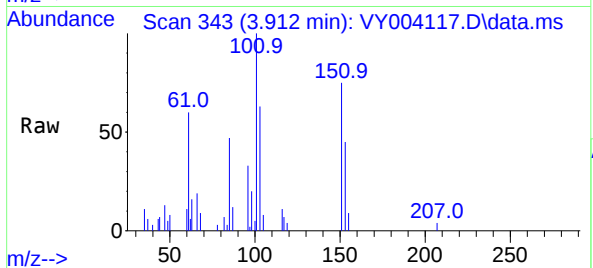
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.29 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:101 Resp: 7793
Ion Ratio Lower Upper
101 100
85 46.8 36.1 54.1
151 77.7 66.9 100.3

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

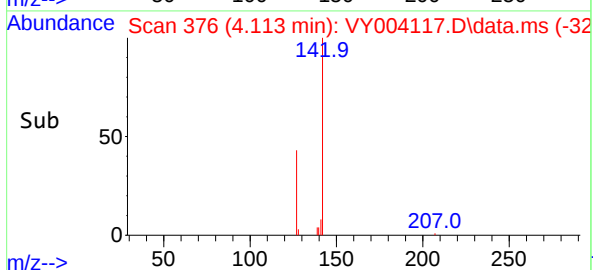
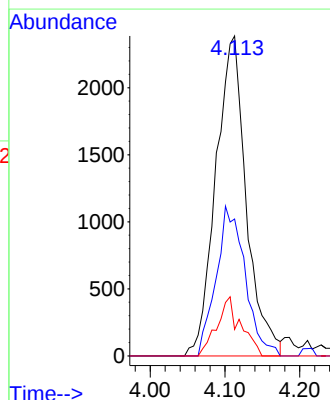
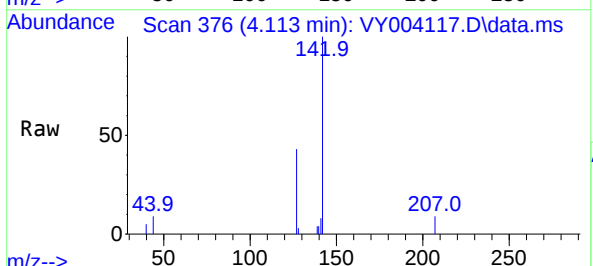
Manual Integrations
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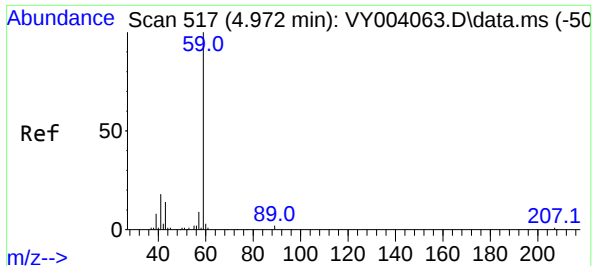
MMDadoda
3/19/2021 3:32:14 PM



#10
Methyl Iodide
Concen: 3.65 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

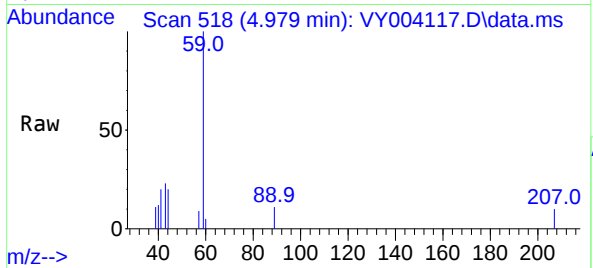
Tgt Ion:142 Resp: 6774
Ion Ratio Lower Upper
142 100
127 44.4 35.4 53.0
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 23.27 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

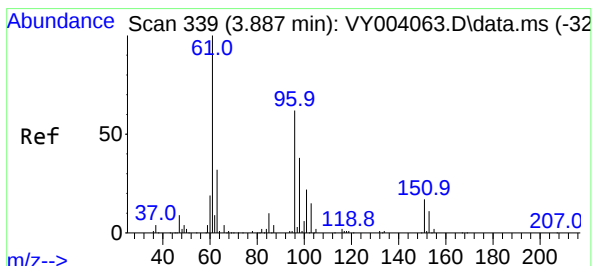
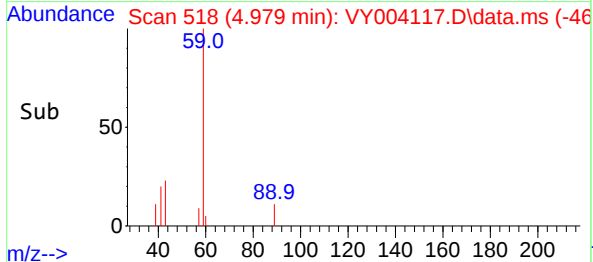
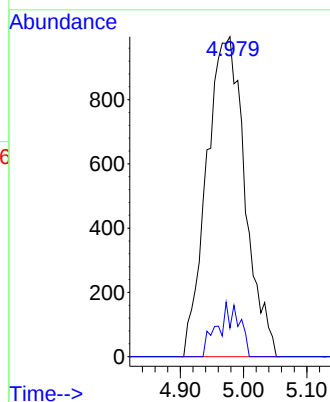
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 59 Resp: 4195
Ion Ratio Lower Upper
59 100
57 5.7 6.9 10.3#

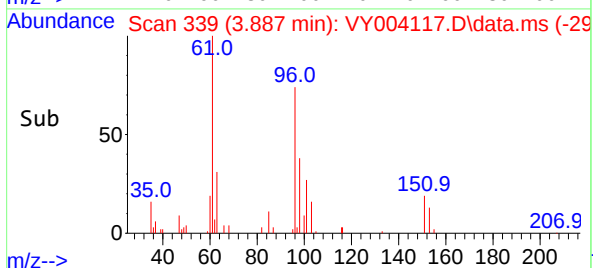
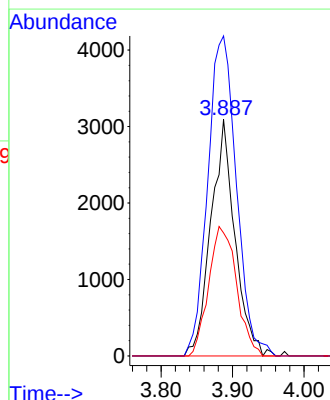
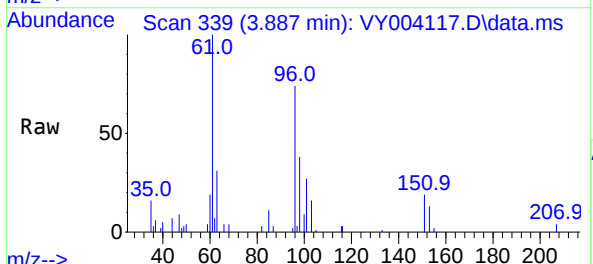
Manual Integrations
APPROVED

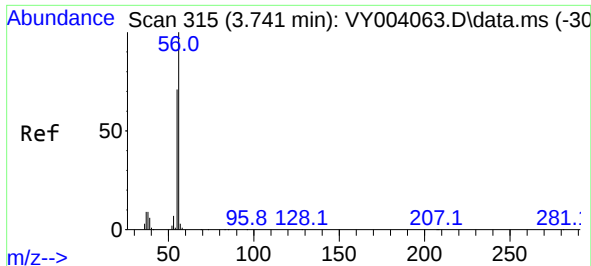
MMDadoda
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#12
1,1-Dichloroethene
Concen: 4.08 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 96 Resp: 7241
Ion Ratio Lower Upper
96 100
61 135.3 130.7 196.1
98 52.0 48.9 73.3





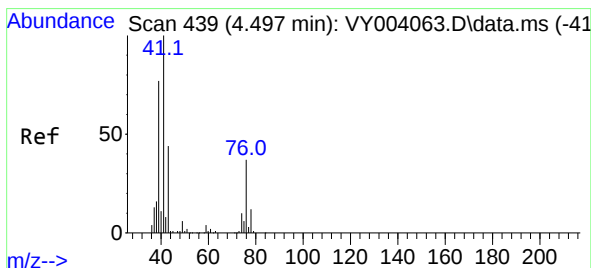
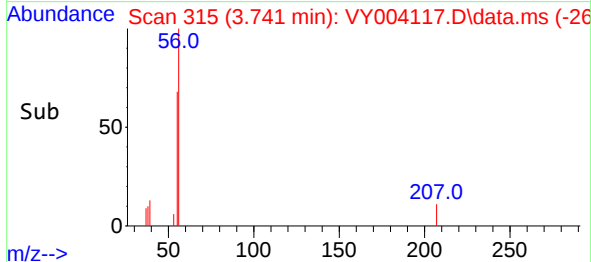
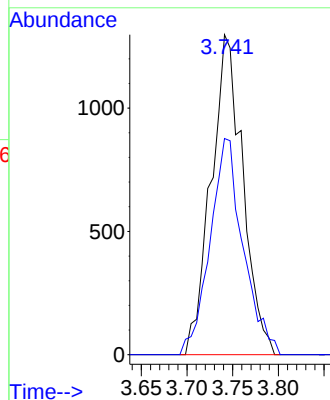
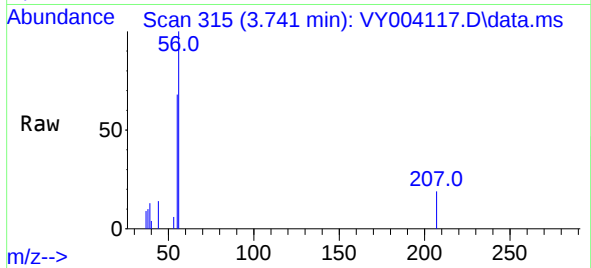
#13
Acrolein
Concen: 17.49 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 56 Resp: 3128
Ion Ratio Lower Upper
56 100
55 70.6 55.4 83.0

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

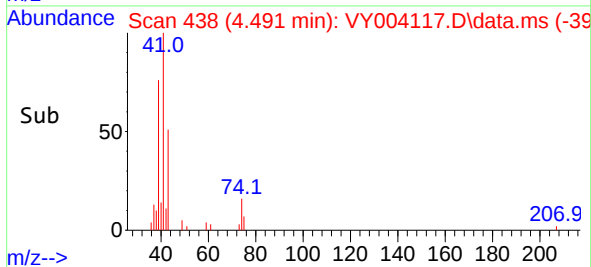
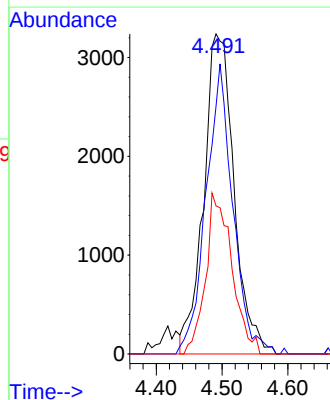
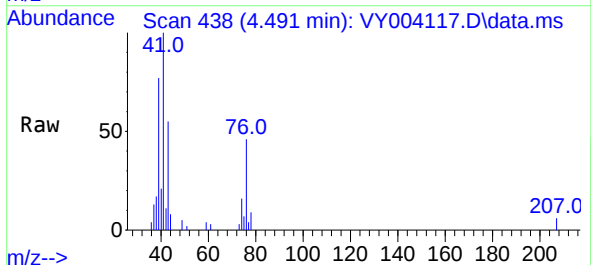
Manual Integrations
APPROVED

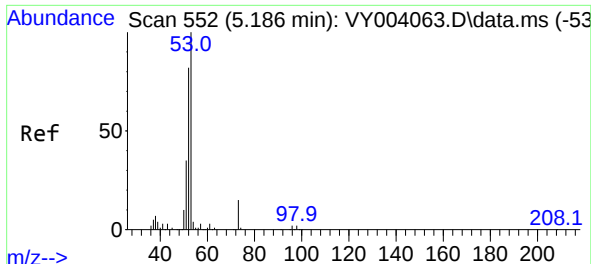
MMDadoda
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#14
Allyl chloride
Concen: 3.54 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

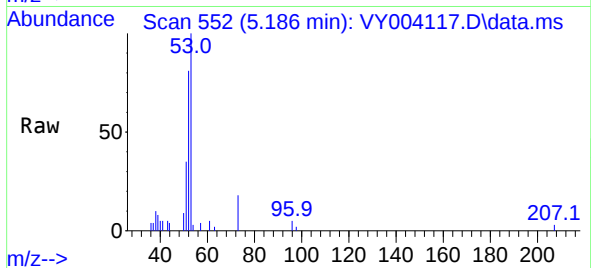
Tgt Ion: 41 Resp: 10391
Ion Ratio Lower Upper
41 100
39 80.5 54.0 81.0
76 43.5 26.1 39.1#





#15
Acrylonitrile
Concen: 20.32 ug/l
RT: 5.186 min Scan# 552
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

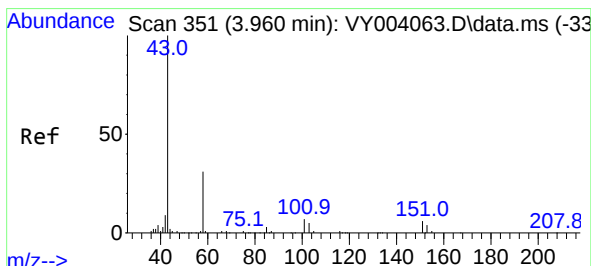
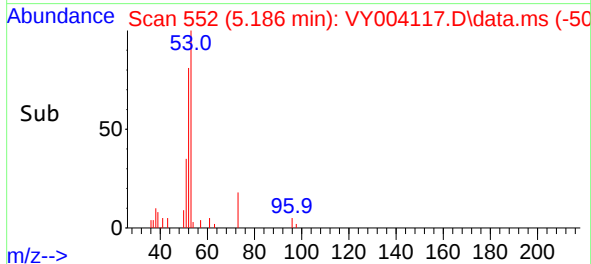
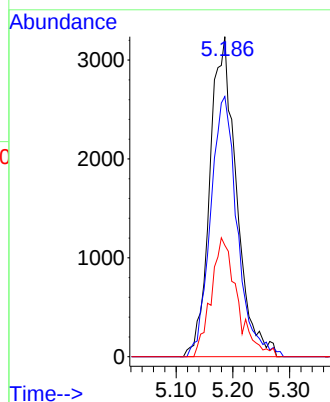
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 53	Resp: 10505
Ion Ratio	Lower Upper
53 100	
52 82.1	66.2 99.4
51 36.8	29.5 44.3

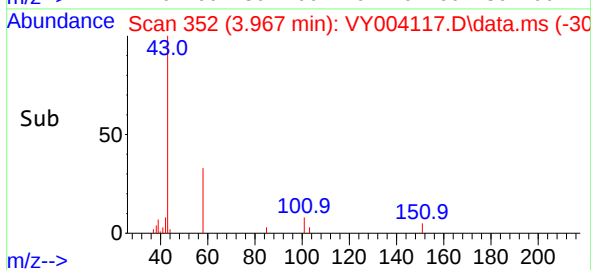
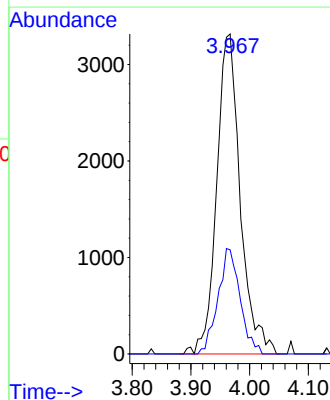
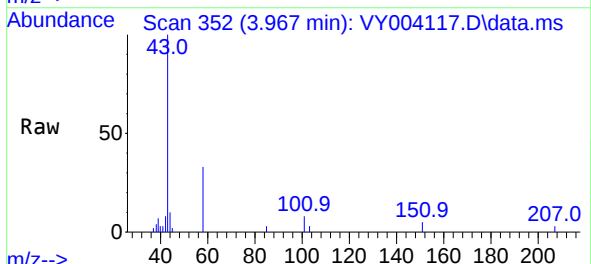
Manual Integrations
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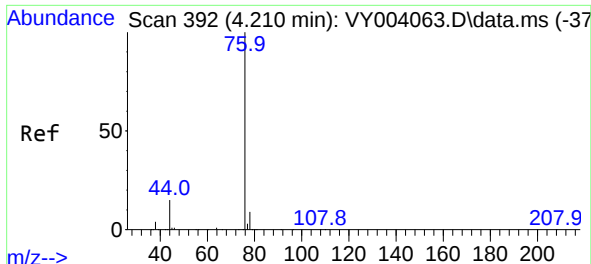
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#16
Acetone
Concen: 19.22 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

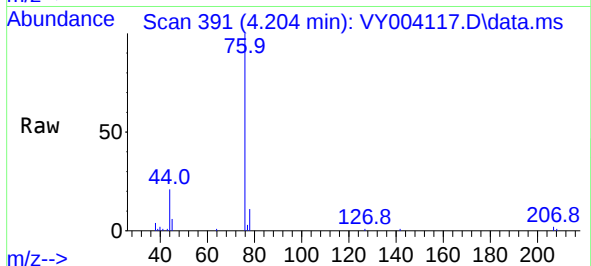
Tgt Ion: 43	Resp: 9251
Ion Ratio	Lower Upper
43 100	
58 32.6	22.6 34.0





#17
Carbon Disulfide
Concen: 4.04 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

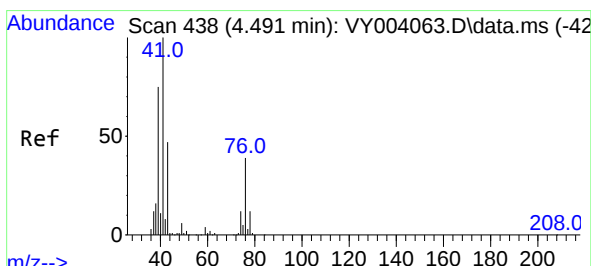
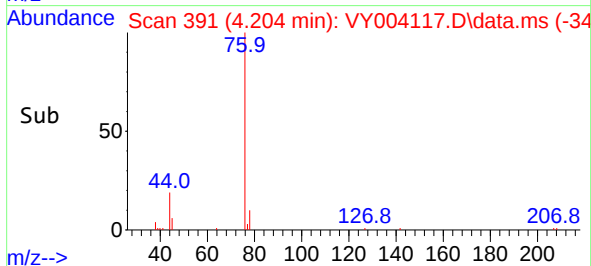
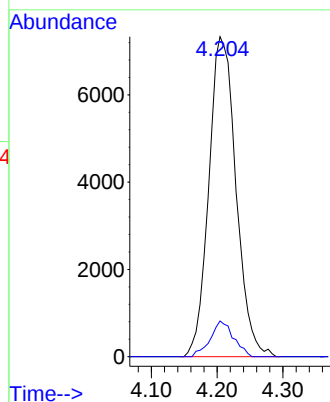
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 76 Resp: 21090
Ion Ratio Lower Upper
76 100
78 11.2 6.8 10.2#

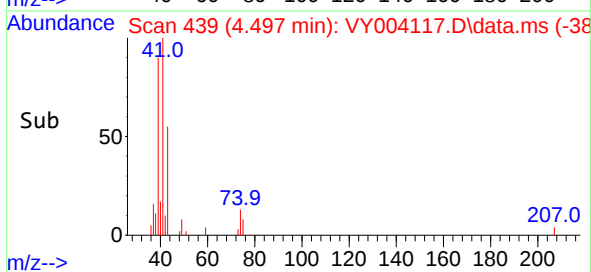
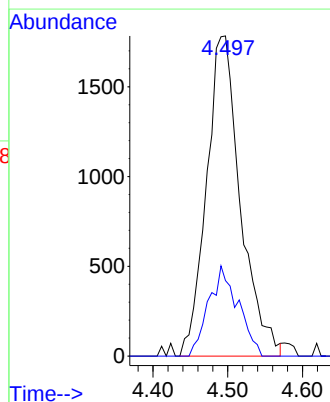
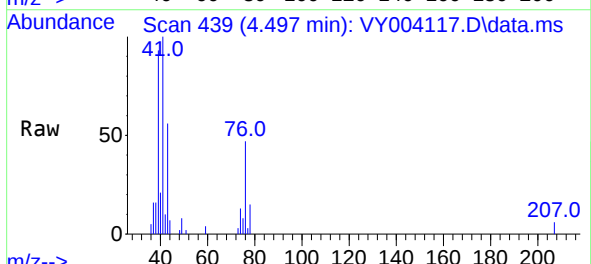
Manual Integrations
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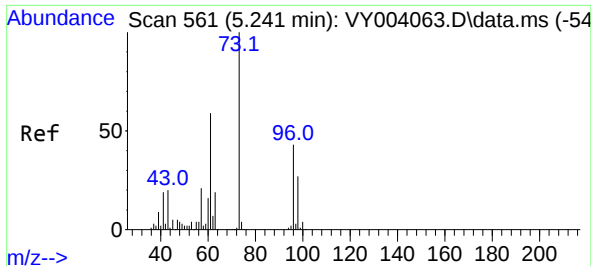
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#18
Methyl Acetate
Concen: 4.73 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 43 Resp: 5630
Ion Ratio Lower Upper
43 100
74 24.3 17.6 26.4





#19

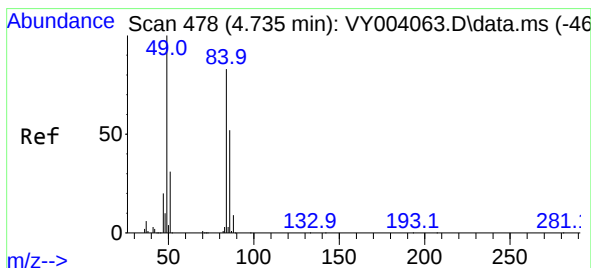
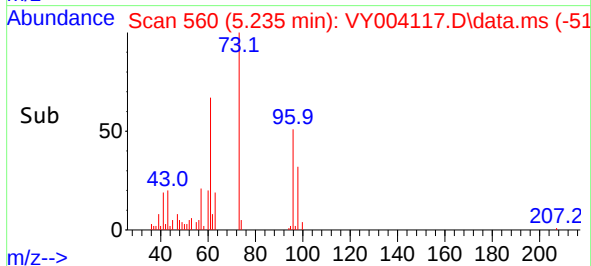
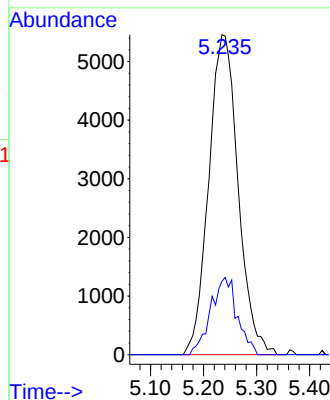
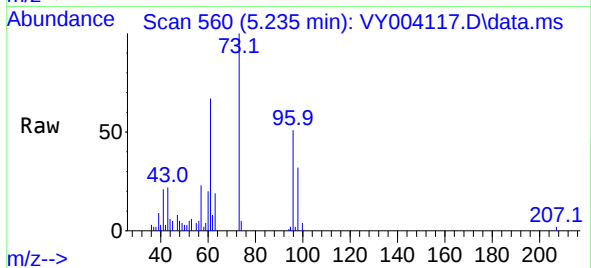
Methyl tert-butyl Ether
Concen: 4.15 ug/l
RT: 5.235 min Scan# 560
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 73 Resp: 21012
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3

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

Manual Integrations
APPROVED

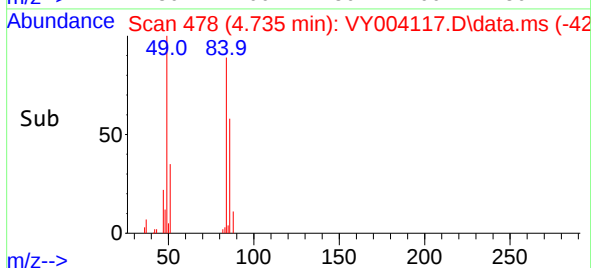
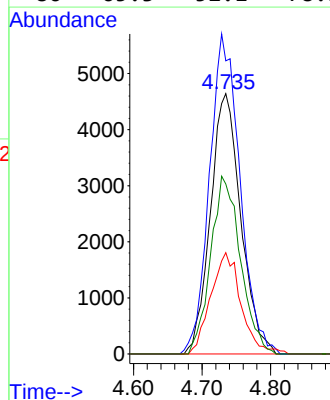
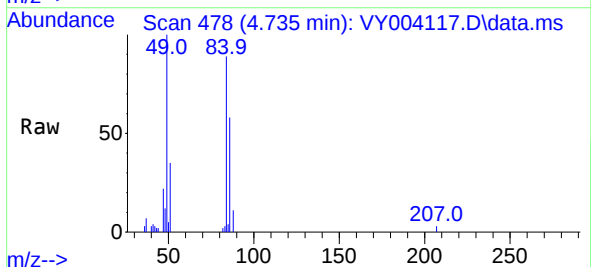
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3/19/2021 3:32:14 PM

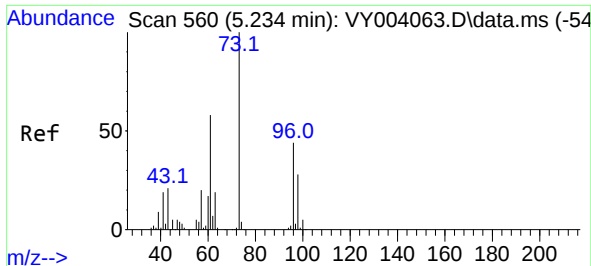


#20

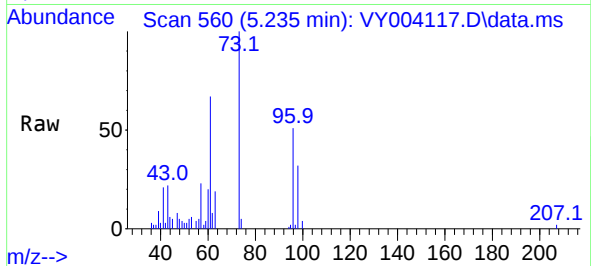
Methylene Chloride
Concen: 6.15 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 84 Resp: 14298
Ion Ratio Lower Upper
84 100
49 112.6 105.8 158.6
51 38.9 32.6 48.8
86 65.3 52.1 78.1

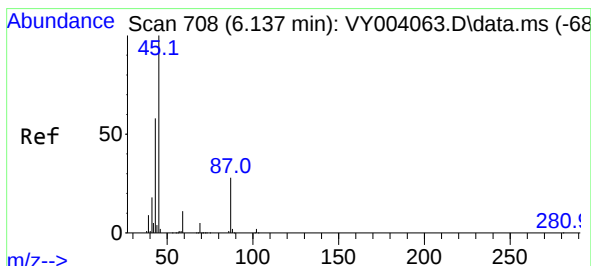
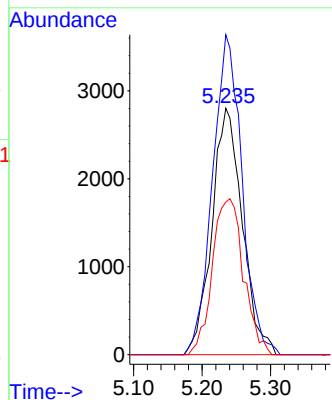
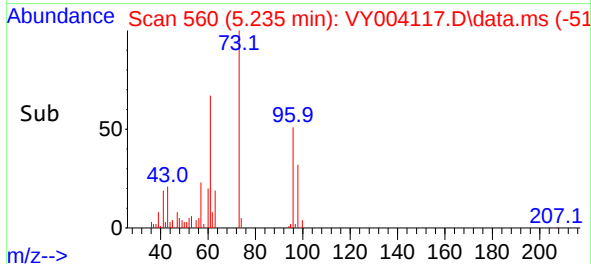




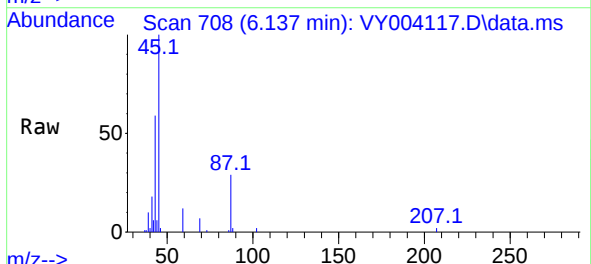
#21
trans-1,2-Dichloroethene
Concen: 4.33 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.001 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



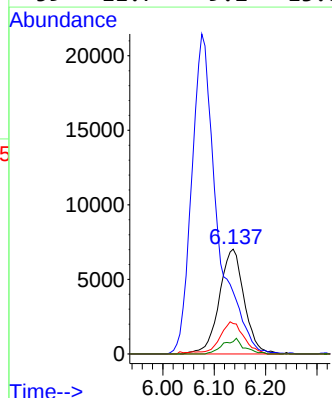
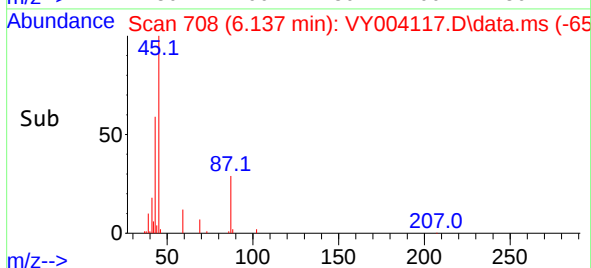
Tgt Ion: 96 Resp: 8643
Ion Ratio Lower Upper
96 100
61 129.9 110.8 166.2
98 62.0 51.0 76.6



#22
Diisopropyl ether
Concen: 3.81 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



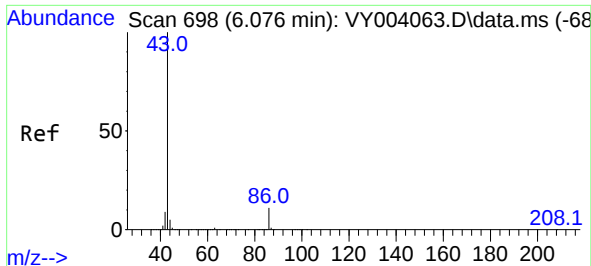
Tgt Ion: 45 Resp: 23632
Ion Ratio Lower Upper
45 100
43 58.4 45.1 67.7
87 29.0 21.0 31.4
59 11.7 9.2 13.8



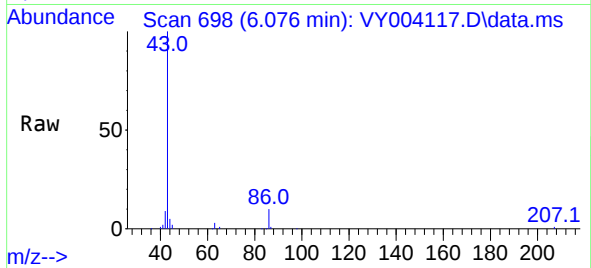
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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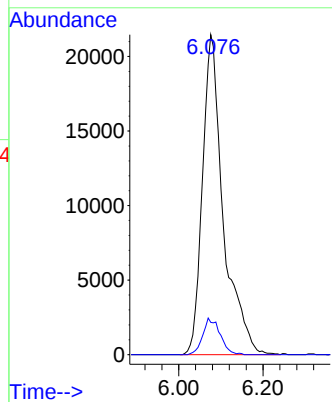
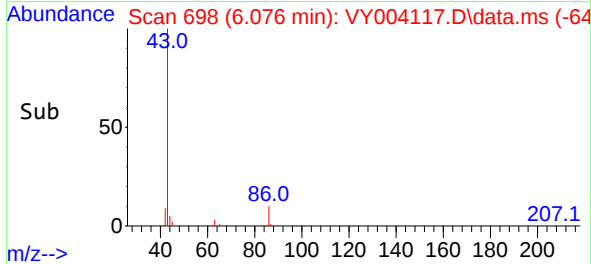
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#23
 Vinyl Acetate
 Concen: 18.09 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004117.D
 Acq: 18 Mar 2021 13:10



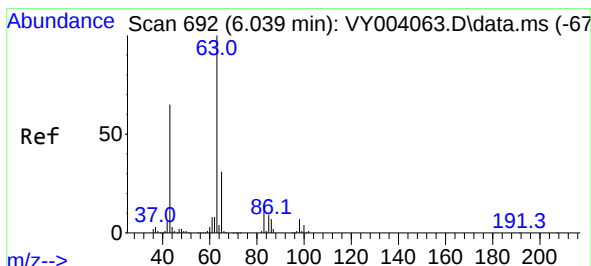
Tgt Ion: 43 Resp: 73862
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.6



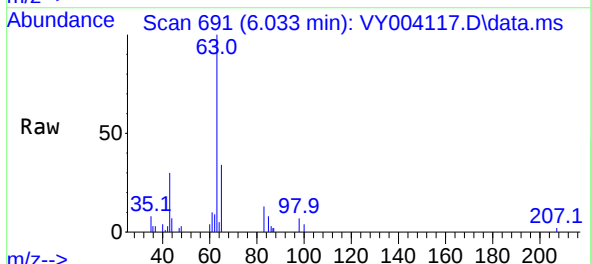
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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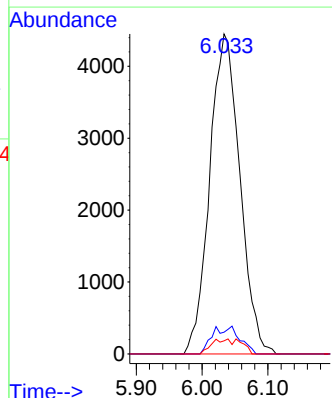
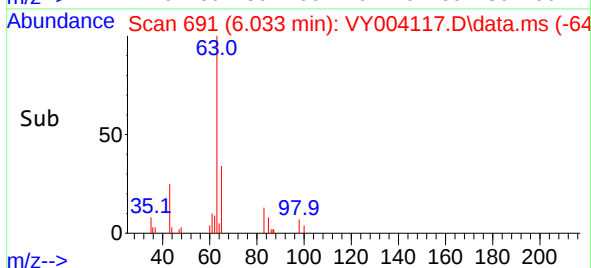
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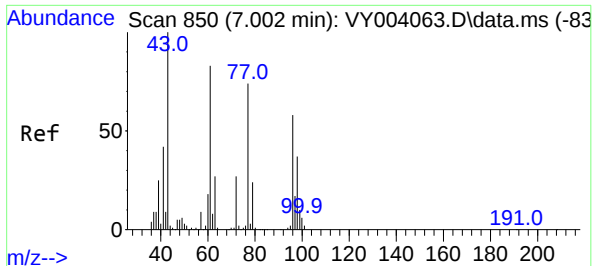


#24
 1,1-Dichloroethane
 Concen: 4.13 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY004117.D
 Acq: 18 Mar 2021 13:10



Tgt Ion: 63 Resp: 14205
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.1 2.3 6.9





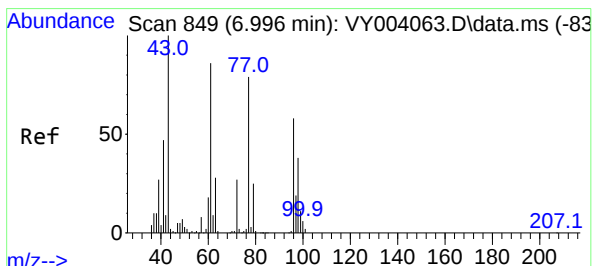
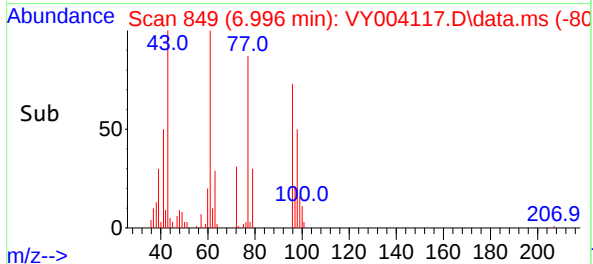
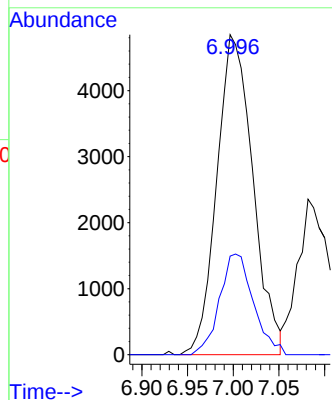
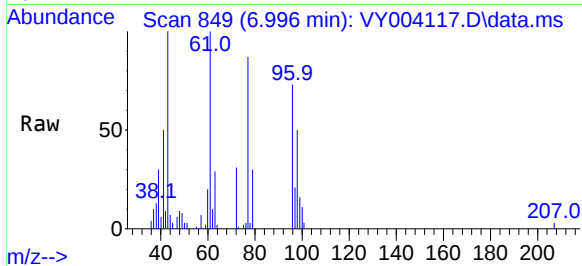
#25
2-Butanone
Concen: 19.14 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 43 Resp: 13276
Ion Ratio Lower Upper
43 100
72 30.8 19.4 29.0#

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

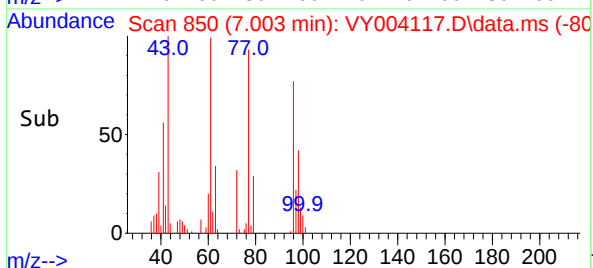
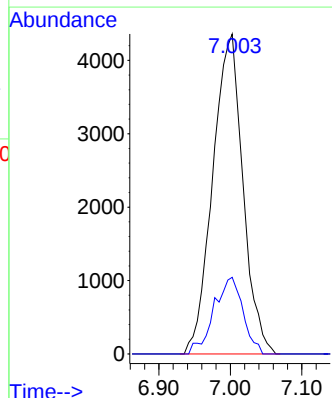
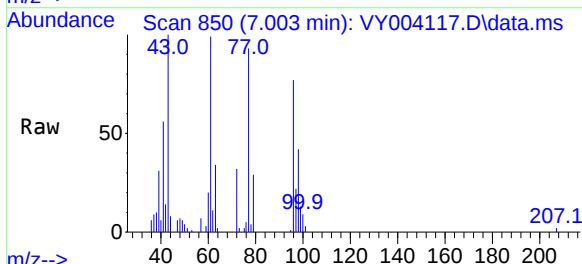
Manual Integrations
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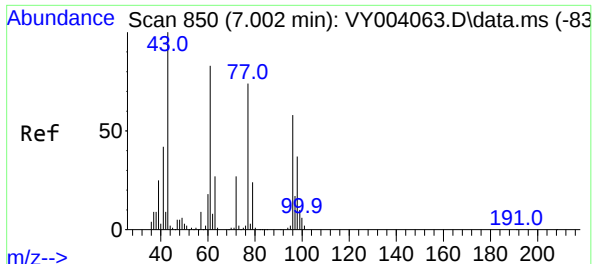
MMDadoda
3/19/2021 3:32:14 PM



#26
2,2-Dichloropropane
Concen: 3.89 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 77 Resp: 12797
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





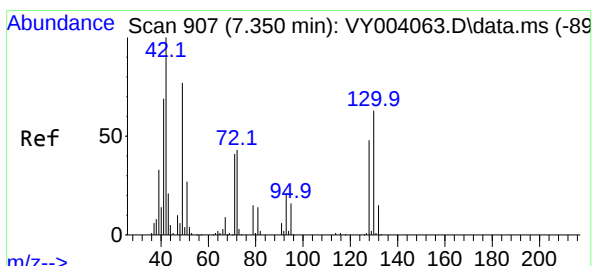
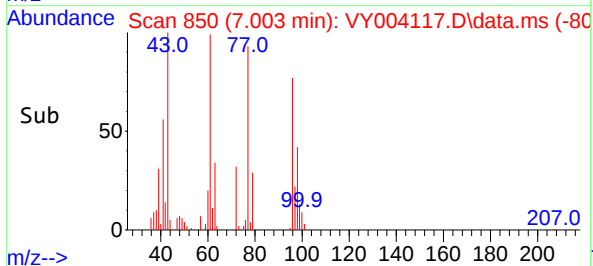
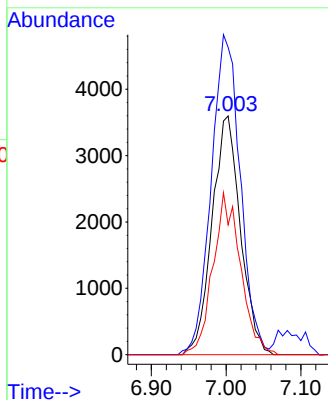
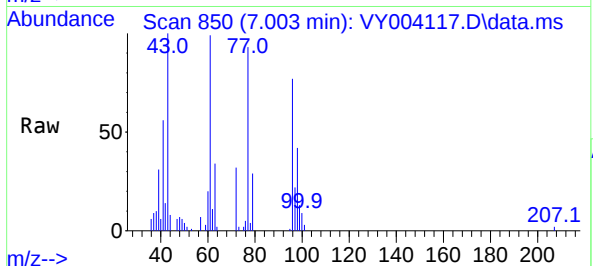
#27
cis-1,2-Dichloroethene
Concen: 4.19 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	96	Resp:	9512
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	303.6
98	65.8	0.0	130.6

Instrument :
MSVOA_Y
ClientSampleId :
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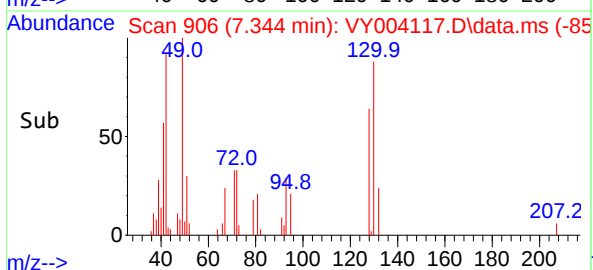
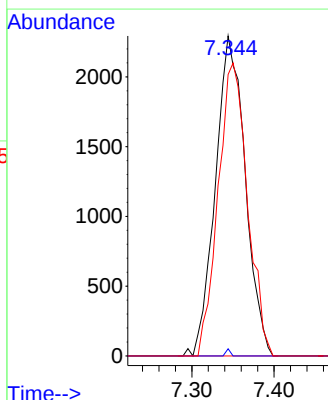
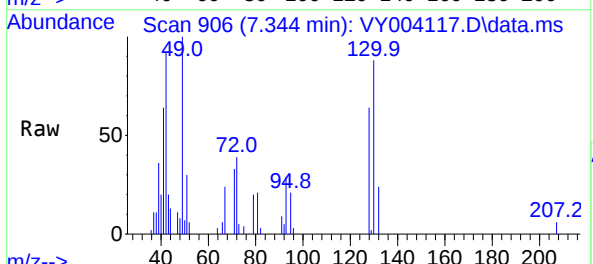
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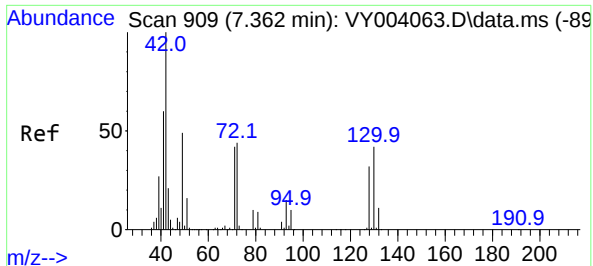
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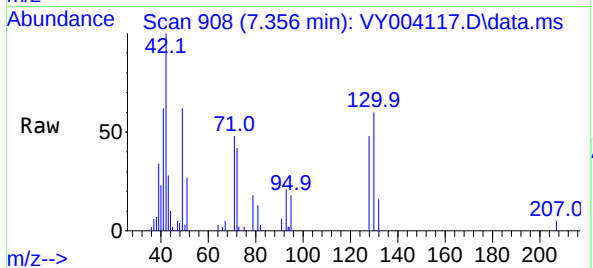
#28
Bromochloromethane
Concen: 3.85 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	49	Resp:	5785
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.4
130	89.9	59.0	88.4#

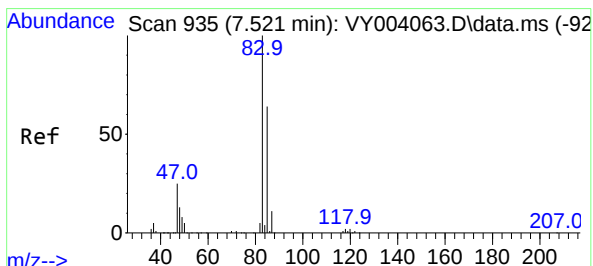
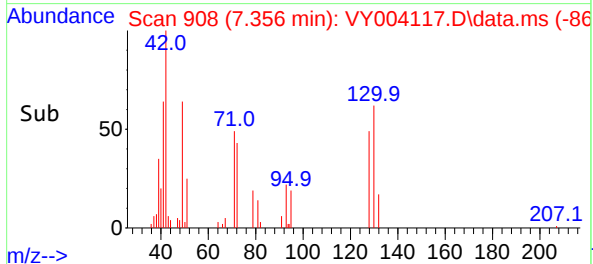
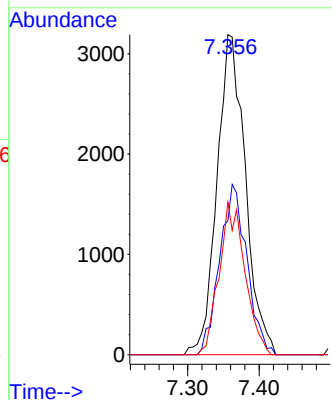




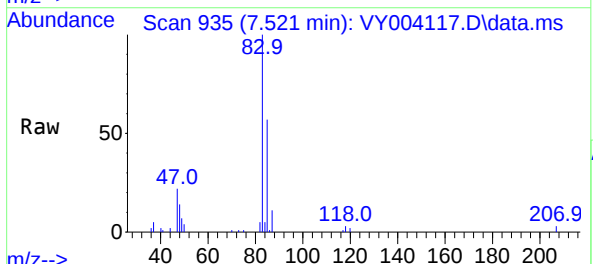
#29
Tetrahydrofuran
Concen: 19.50 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



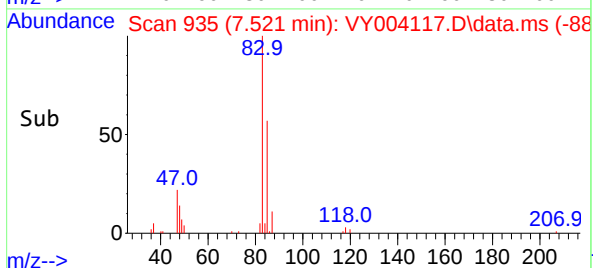
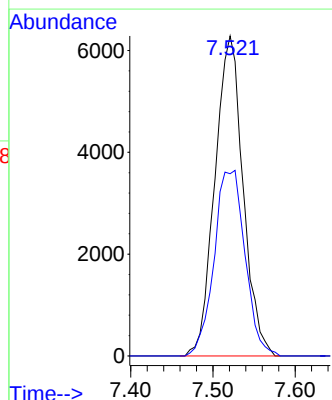
Tgt Ion:	42	Resp:	8788
Ion	Ratio	Lower	Upper
42	100		
72	50.9	32.6	48.8#
71	43.3	31.0	46.6



#30
Chloroform
Concen: 4.20 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



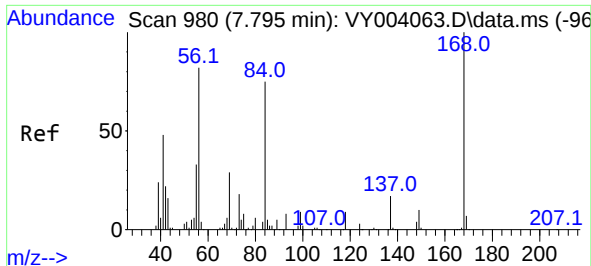
Tgt Ion:	83	Resp:	14977
Ion	Ratio	Lower	Upper
83	100		
85	57.0	51.0	76.6



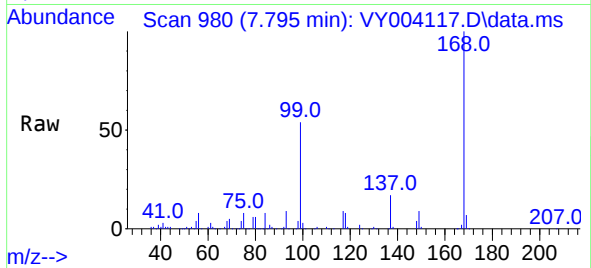
Instrument :
MSVOA_Y
ClientSampleId :
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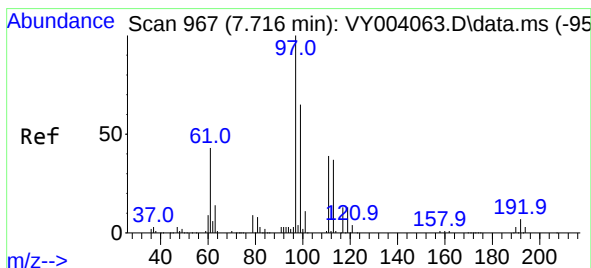
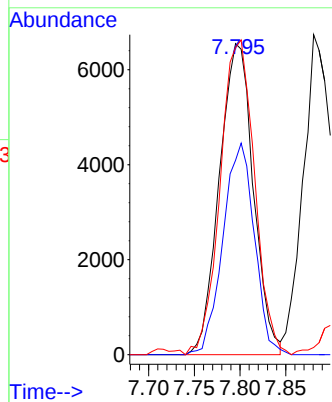
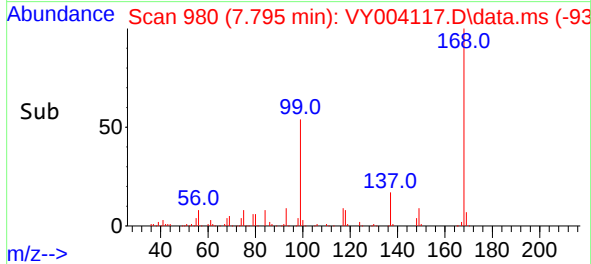
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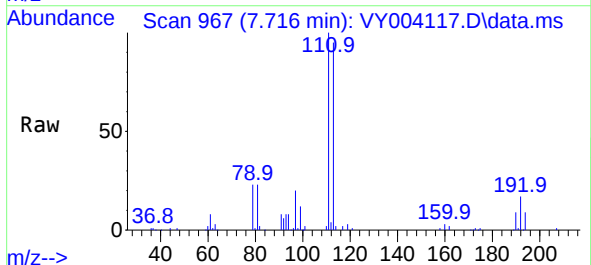
#31
Cyclohexane
Concen: 4.85 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



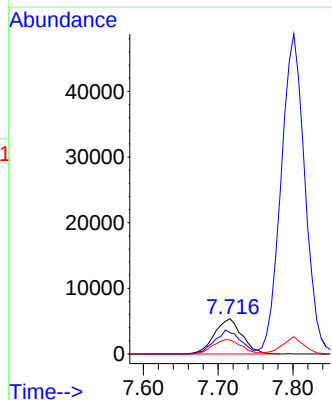
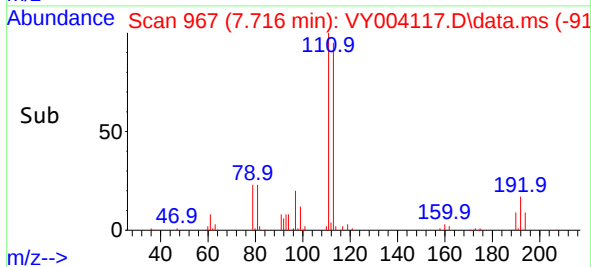
Tgt Ion: 56 Resp: 16947
Ion Ratio Lower Upper
56 100
69 62.5 25.3 37.9#
84 97.4 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 4.14 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



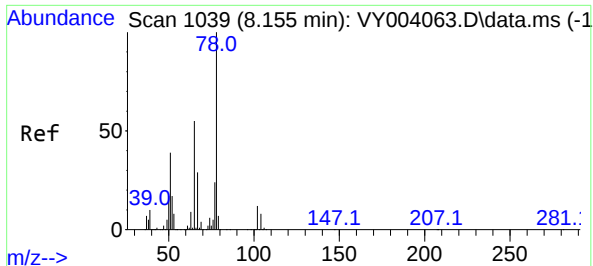
Tgt Ion: 97 Resp: 13700
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 42.1 34.5 51.7



Instrument :
MSVOA_Y
ClientSampleId :
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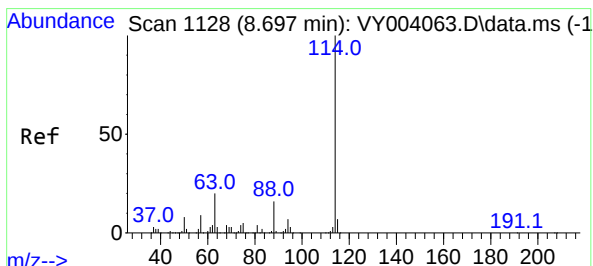
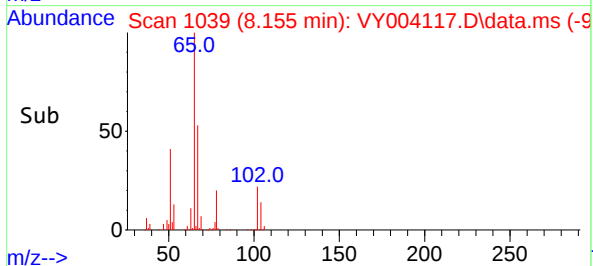
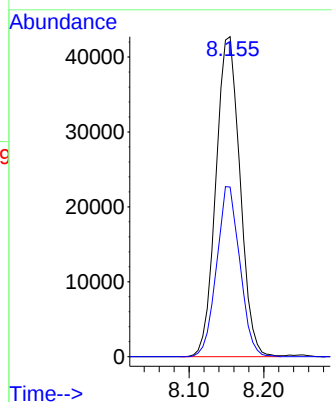
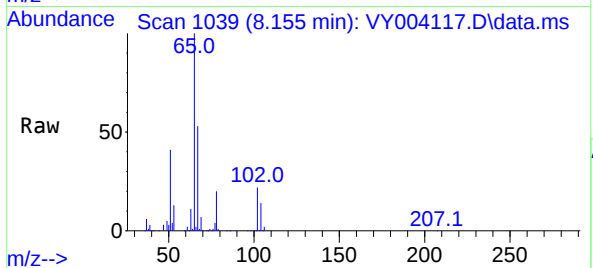
#33
1,2-Dichloroethane-d4
Concen: 48.02 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 65 Resp: 95758
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
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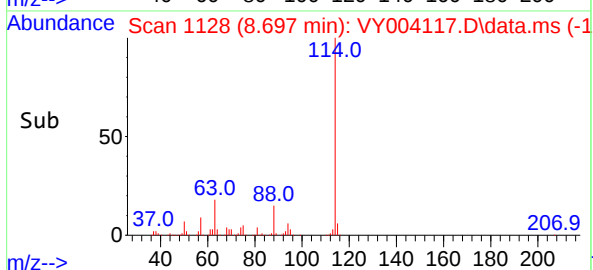
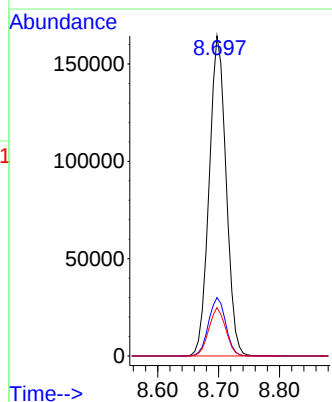
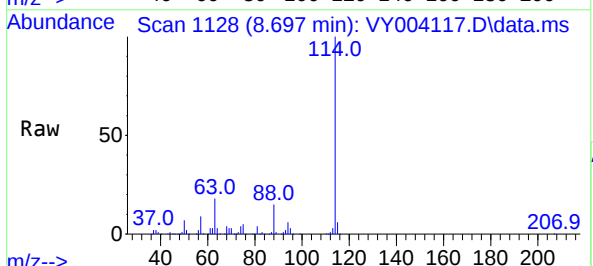
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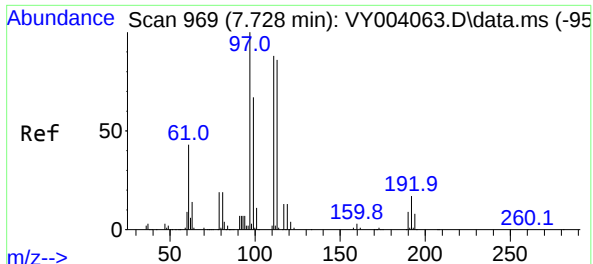
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 114 Resp: 317445
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.6
88 15.1 0.0 31.4





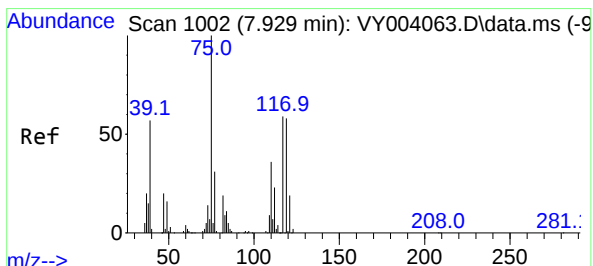
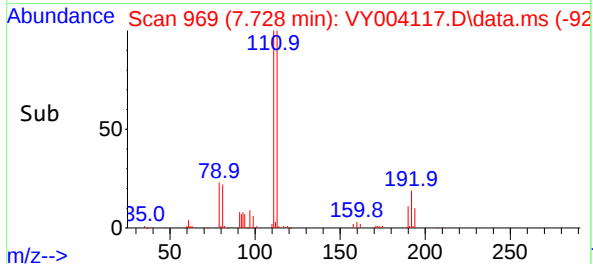
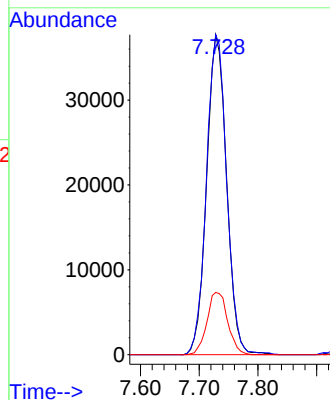
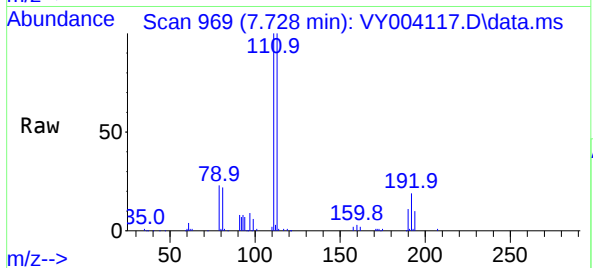
#35
Dibromofluoromethane
Concen: 49.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 113 Resp: 88912
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 20.2 18.5 27.7

Instrument :
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ClientSampleId :
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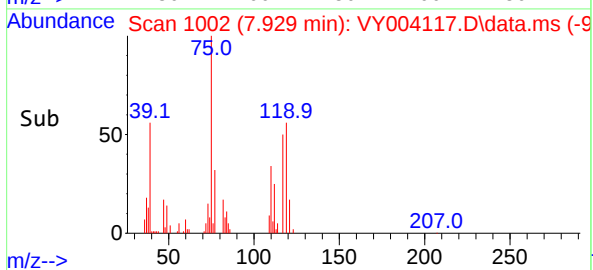
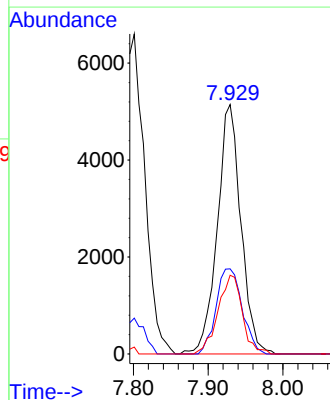
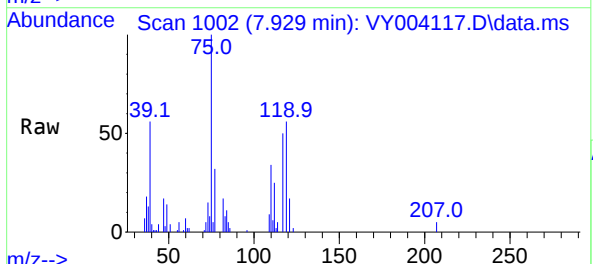
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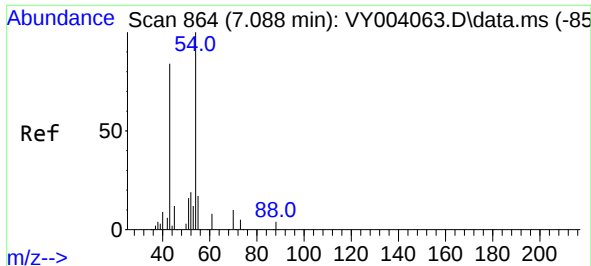
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#36
1,1-Dichloropropene
Concen: 4.06 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 75 Resp: 11327
Ion Ratio Lower Upper
75 100
110 37.7 17.4 52.3
77 32.3 24.5 36.7





#37

Ethyl Acetate

Concen: 4.08 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY004117.D

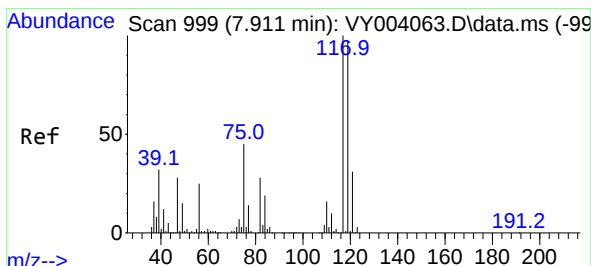
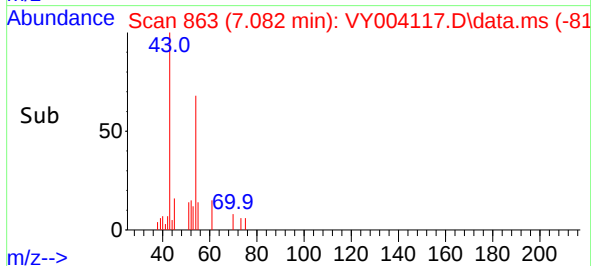
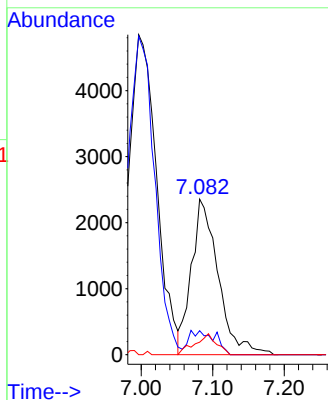
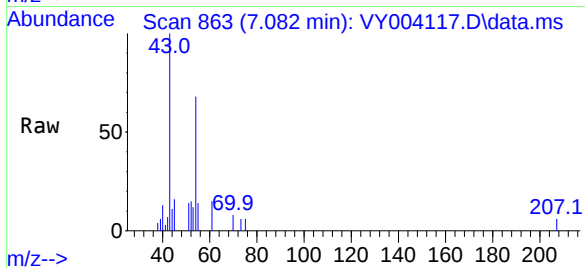
Acq: 18 Mar 2021 13:10

Tgt Ion:	43	Resp:	6126
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.7	16.1
70	0.0	7.7	11.5#

Instrument :
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ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 4.11 ug/l

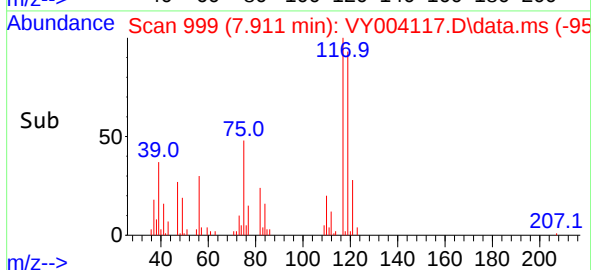
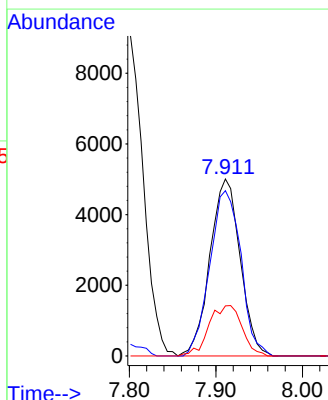
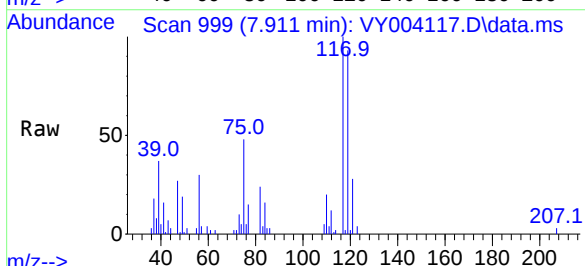
RT: 7.911 min Scan# 999

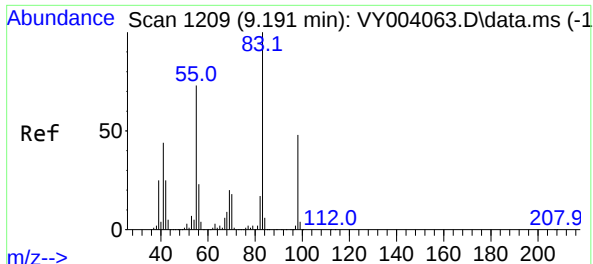
Delta R.T. -0.000 min

Lab File: VY004117.D

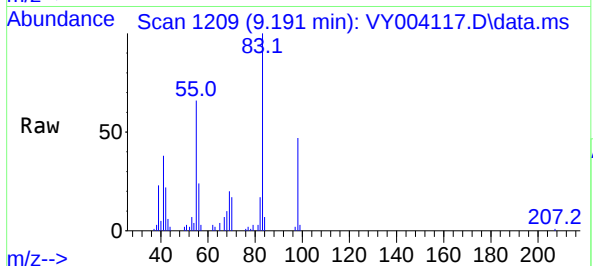
Acq: 18 Mar 2021 13:10

Tgt Ion:	117	Resp:	12159
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.4	113.0
121	28.3	24.2	36.2

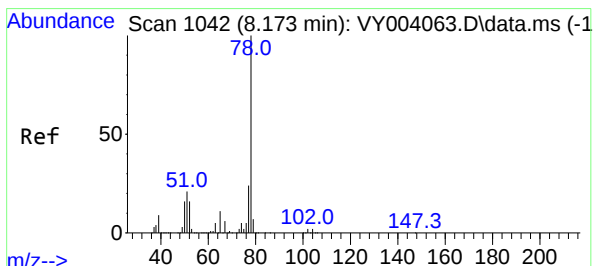
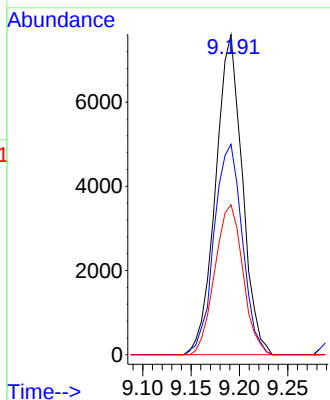
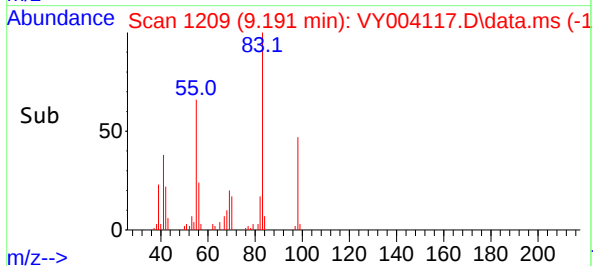




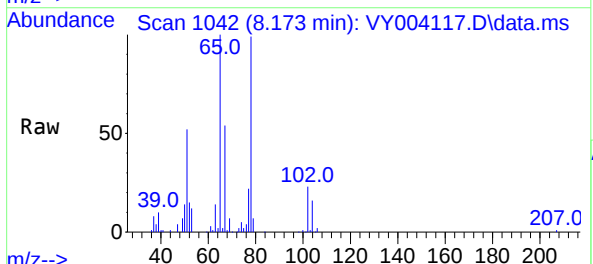
#39
Methylcyclohexane
Concen: 4.05 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



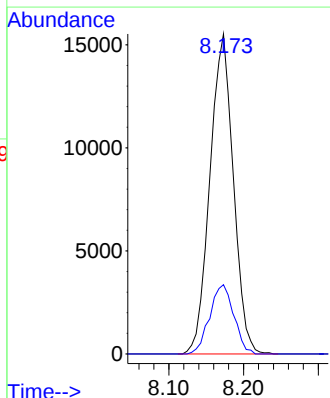
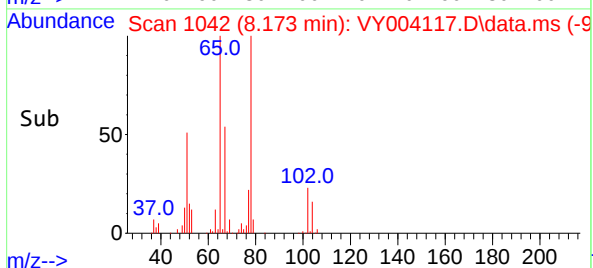
Tgt Ion: 83 Resp: 14576
Ion Ratio Lower Upper
83 100
55 65.8 65.6 98.4
98 46.8 39.5 59.3



#40
Benzene
Concen: 4.30 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



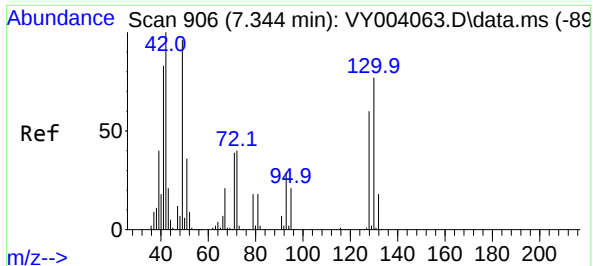
Tgt Ion: 78 Resp: 33780
Ion Ratio Lower Upper
78 100
77 21.6 20.1 30.1



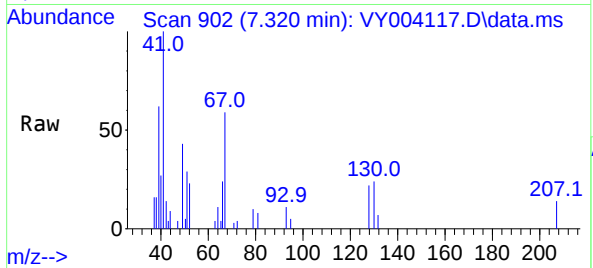
Instrument :
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ClientSampleId :
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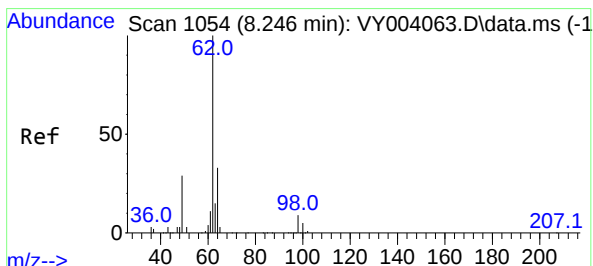
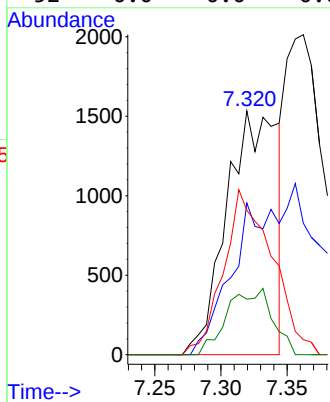
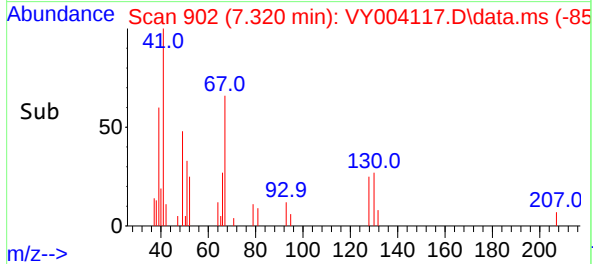
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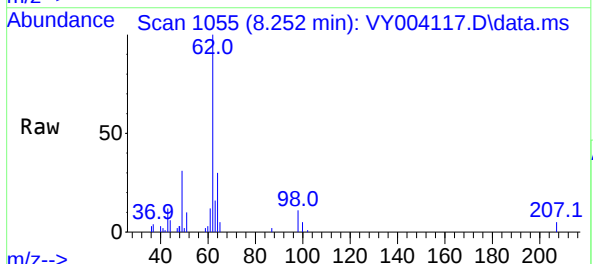
#41
Methacrylonitrile
Concen: 4.41 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. -0.024 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



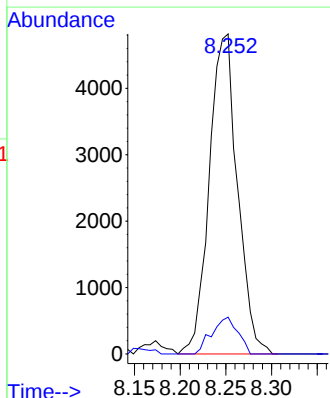
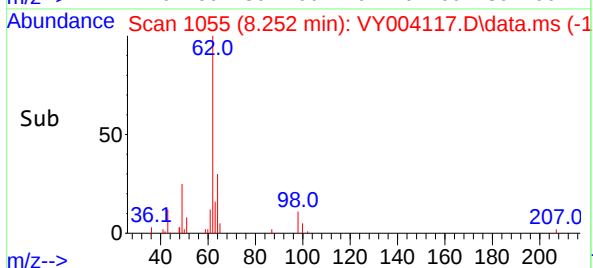
Tgt Ion: 41 Resp: 4103
Ion Ratio Lower Upper
41 100
39 0.0 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.32 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



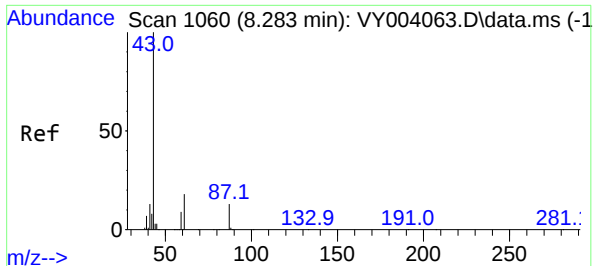
Tgt Ion: 62 Resp: 10365
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.0



Instrument :
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ClientSampleId :
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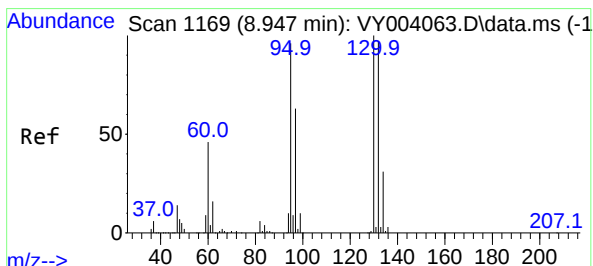
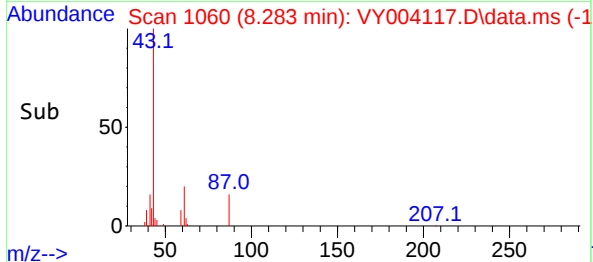
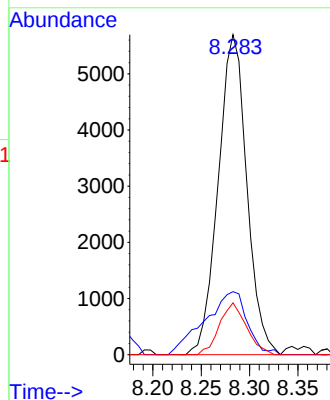
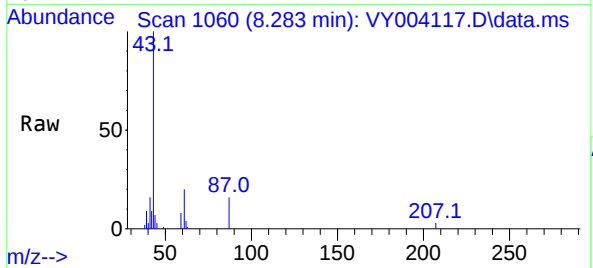
#43
Isopropyl Acetate
Concen: 3.89 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 43 Resp: 11724
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 15.3 9.8 14.8#

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

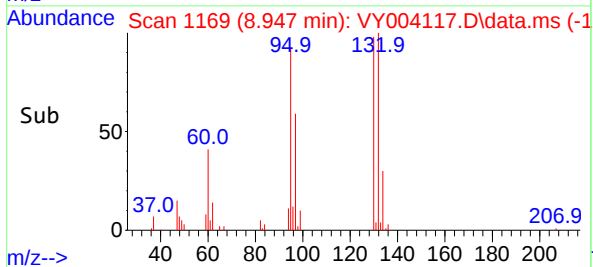
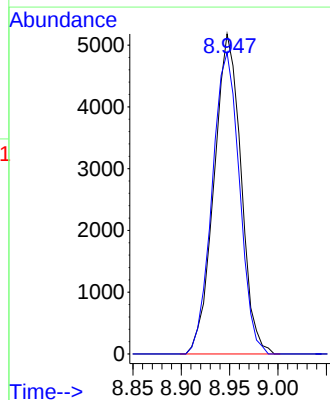
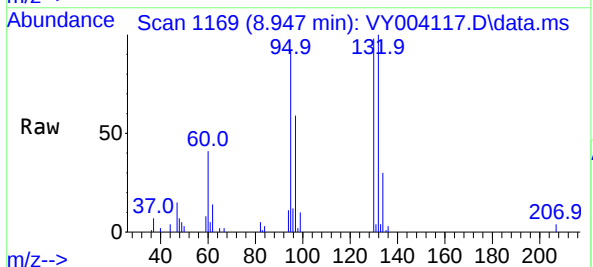
Manual Integrations
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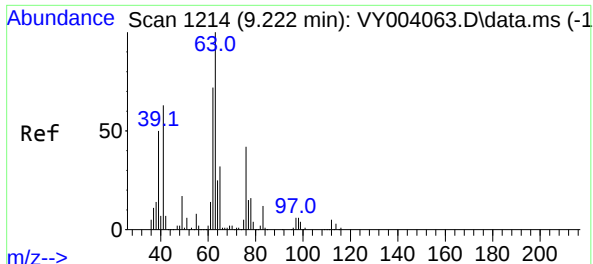
MMDadoda
3/19/2021 3:32:14 PM



#44
Trichloroethene
Concen: 4.41 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:130 Resp: 10026
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.0





#45

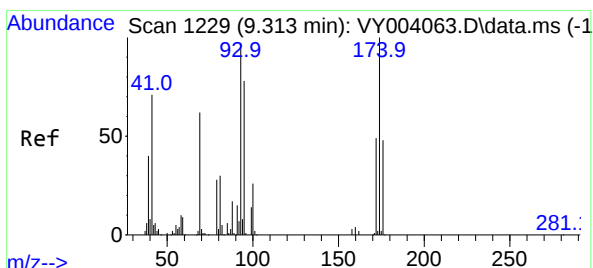
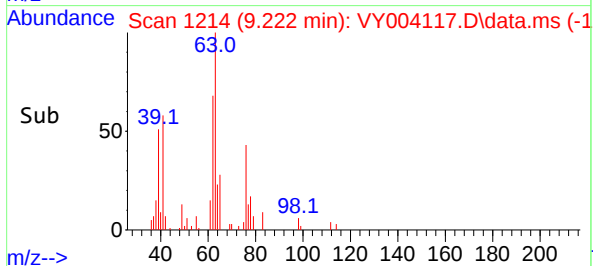
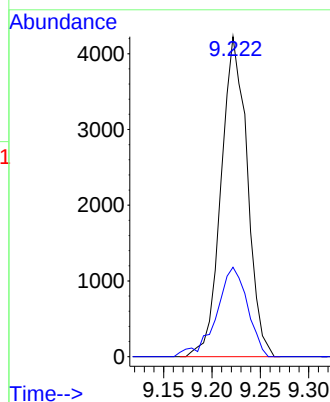
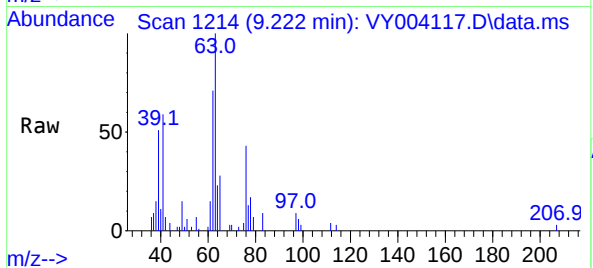
1,2-Dichloropropane
Concen: 4.04 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 63 Resp: 7927
Ion Ratio Lower Upper
63 100
65 28.0 24.4 36.6

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

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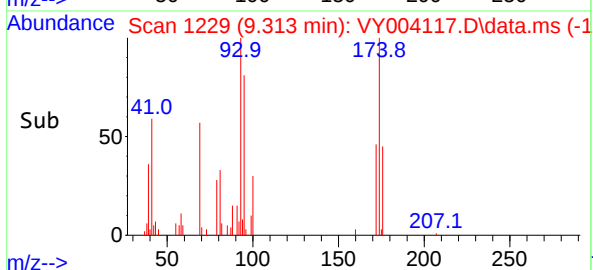
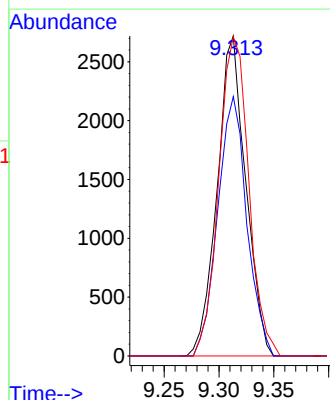
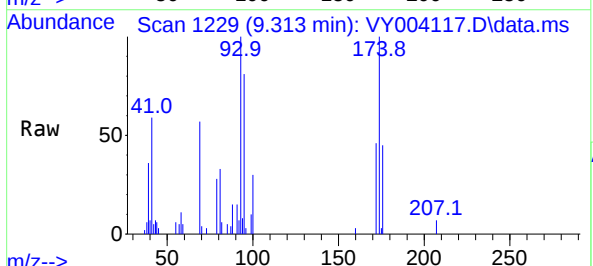
MMDadoda
3/19/2021 3:32:14 PM

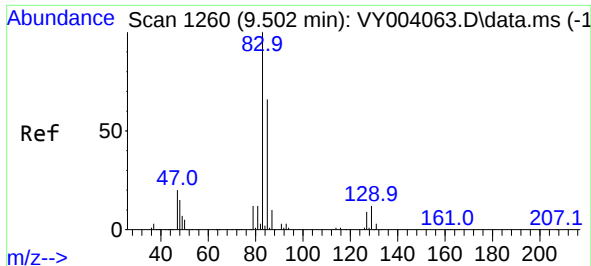


#46

Dibromomethane
Concen: 4.40 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

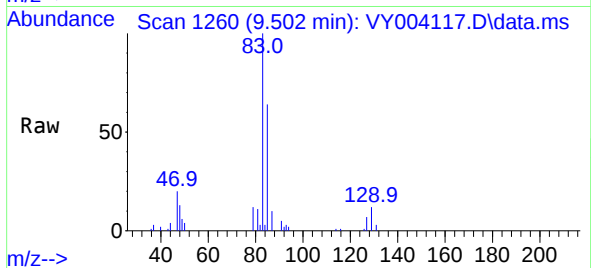
Tgt Ion: 93 Resp: 4936
Ion Ratio Lower Upper
93 100
95 82.5 66.3 99.5
174 104.2 88.1 132.1





#47
Bromodichloromethane
Concen: 4.09 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

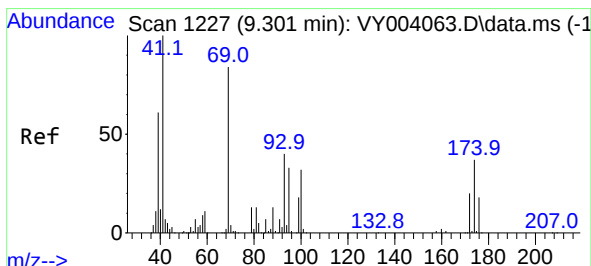
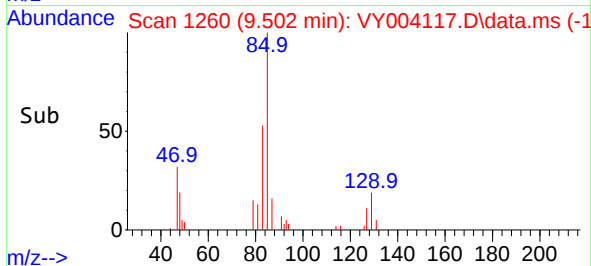
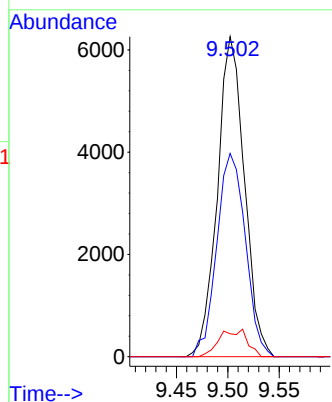
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



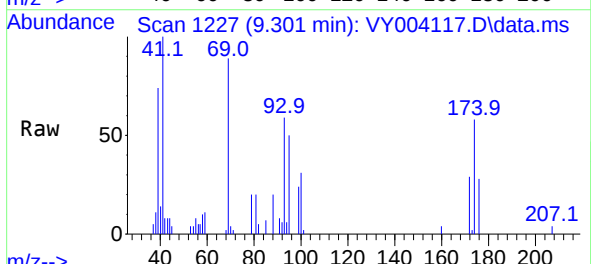
Tgt Ion: 83 Resp: 11443
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4
127 7.1 6.5 9.7

Manual Integrations
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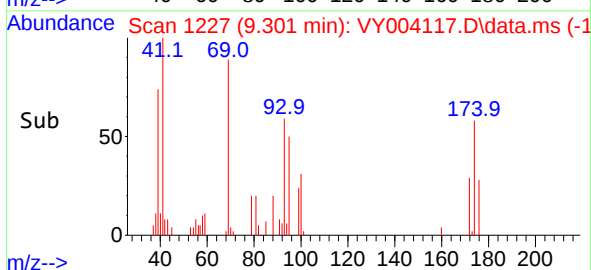
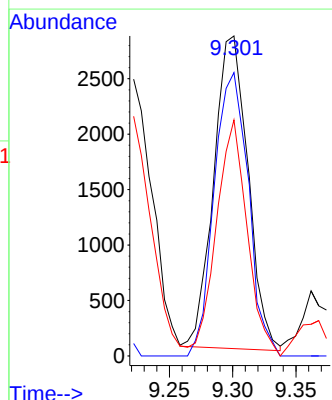
MMDadoda
3/19/2021 3:32:14 PM

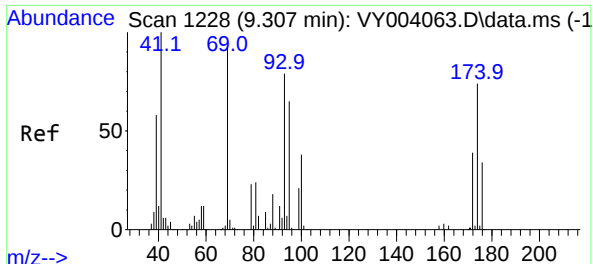


#48
Methyl methacrylate
Concen: 3.70 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



Tgt Ion: 41 Resp: 5303
Ion Ratio Lower Upper
41 100
69 90.5 65.1 97.7
39 68.2 44.2 66.2#





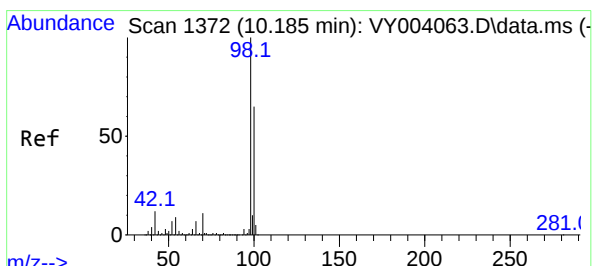
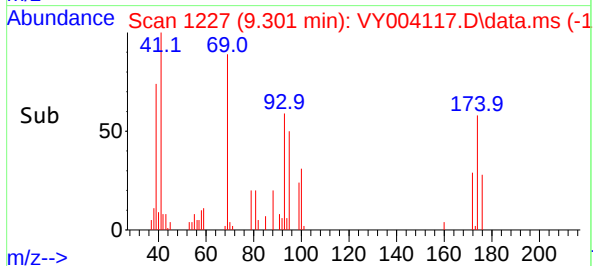
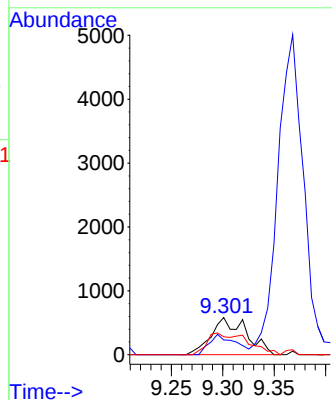
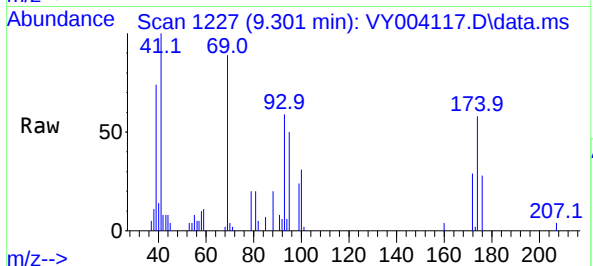
#49
1,4-Dioxane
Concen: 96.32 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 88 Resp: 1375
Ion Ratio Lower Upper
88 100
43 40.8 32.0 48.0
58 67.6 56.5 84.7

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

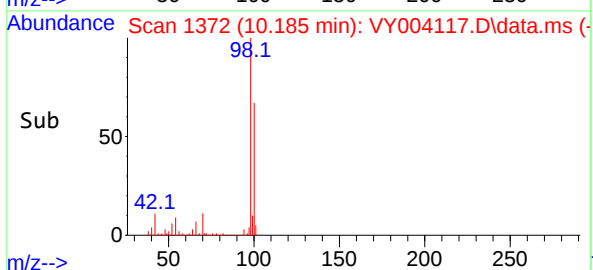
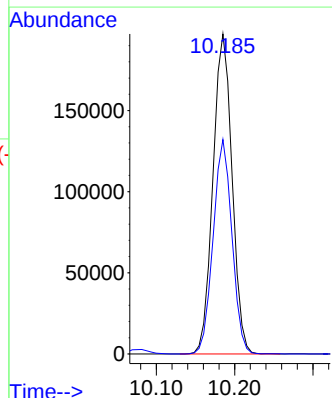
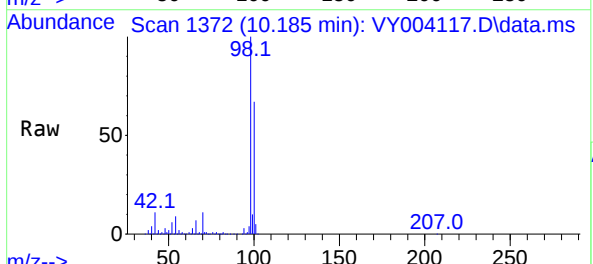
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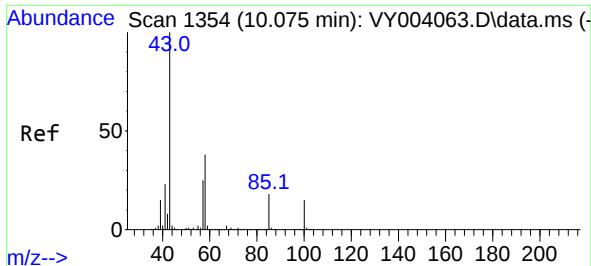
MMDadoda
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#50
Toluene-d8
Concen: 47.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 98 Resp: 334104
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6





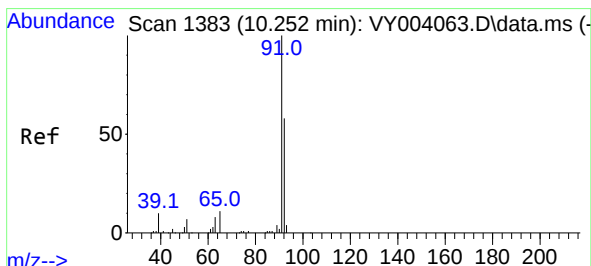
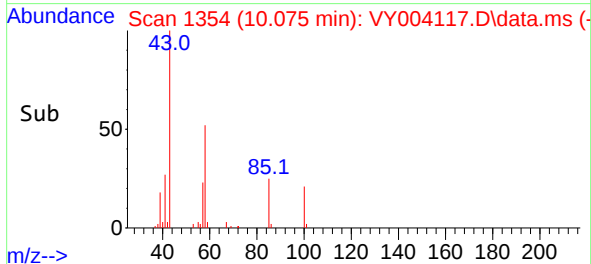
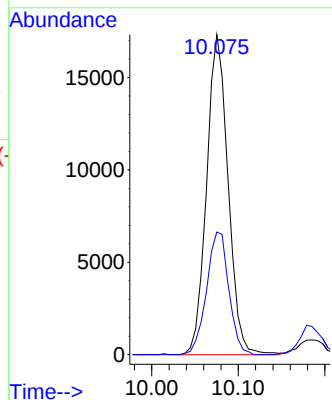
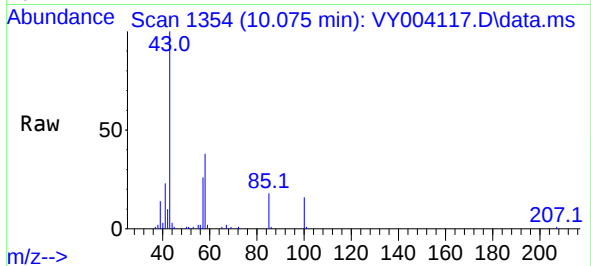
#51
4-Methyl-2-Pentanone
Concen: 19.54 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 43 Resp: 29831
Ion Ratio Lower Upper
43 100
58 39.7 29.8 44.8

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

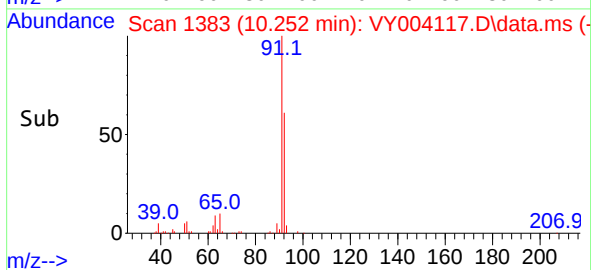
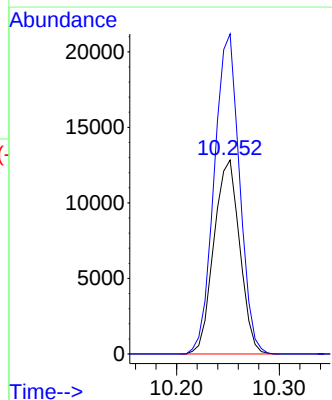
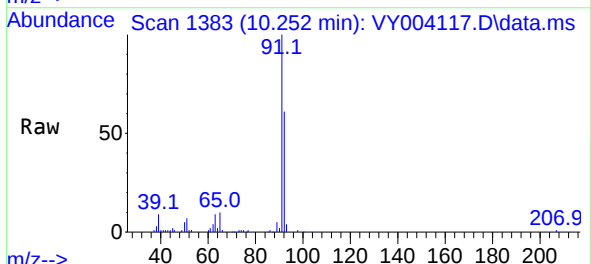
Manual Integrations
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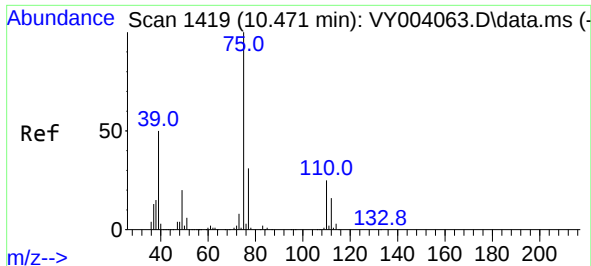
MMDadoda
3/19/2021 3:32:14 PM



#52
Toluene
Concen: 4.40 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 92 Resp: 22400
Ion Ratio Lower Upper
92 100
91 161.6 141.0 211.4





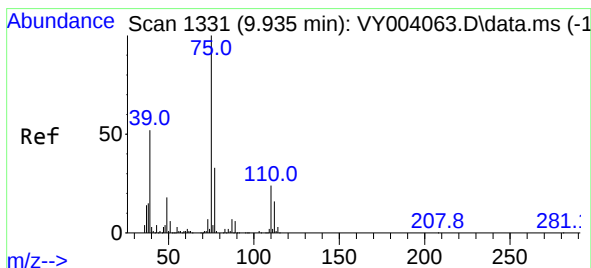
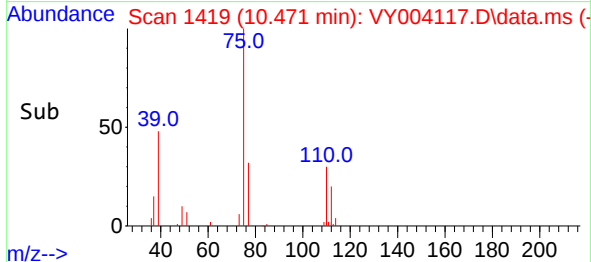
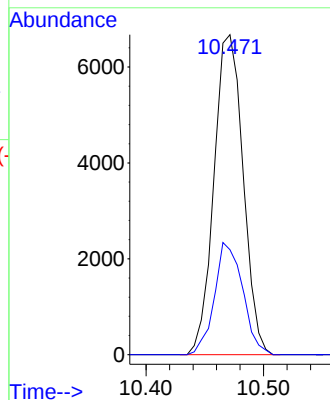
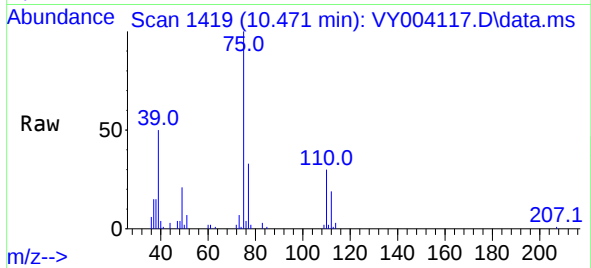
#53
t-1,3-Dichloropropene
Concen: 3.89 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 75 Resp: 11501
Ion Ratio Lower Upper
75 100
77 32.8 24.5 36.7

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

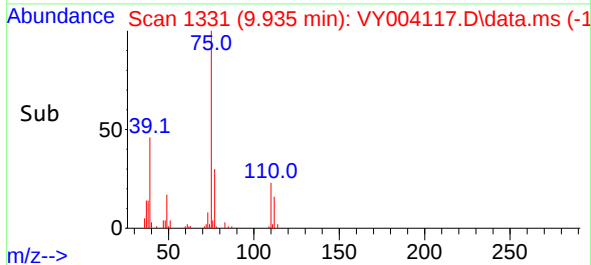
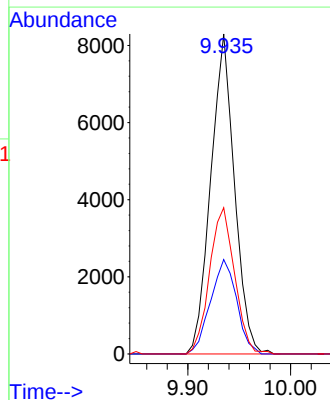
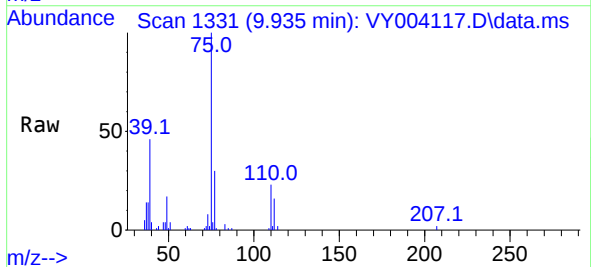
Manual Integrations
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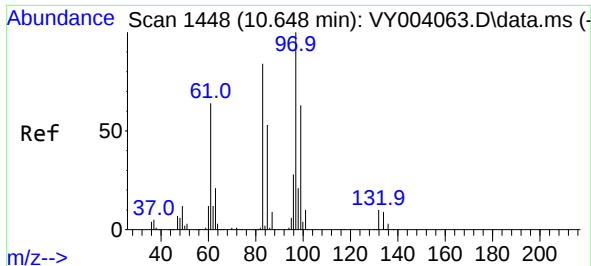
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#54
cis-1,3-Dichloropropene
Concen: 4.01 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 75 Resp: 13284
Ion Ratio Lower Upper
75 100
77 29.5 24.2 36.4
39 45.7 40.4 60.6





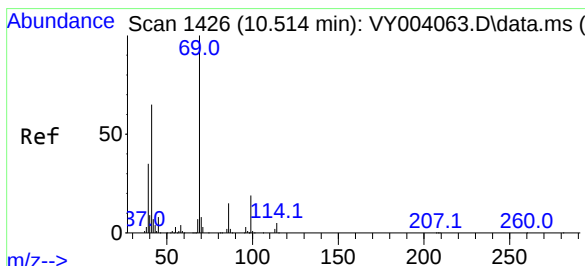
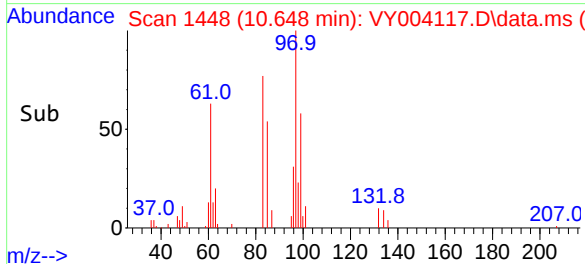
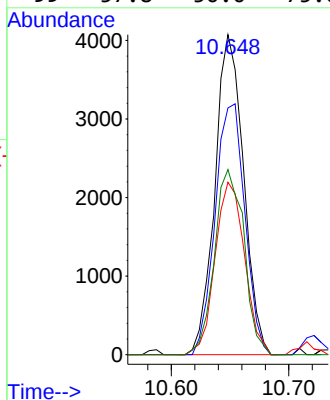
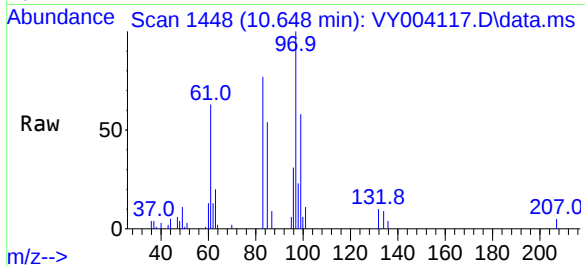
#55
1,1,2-Trichloroethane
Concen: 4.38 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	97	Resp:	6900
Ion	Ratio	Lower	Upper
97	100		
83	77.1	69.4	104.0
85	53.9	43.4	65.0
99	57.8	50.0	75.0

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

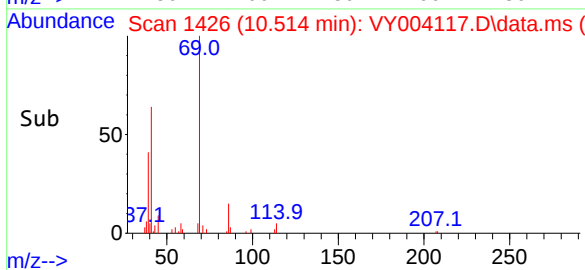
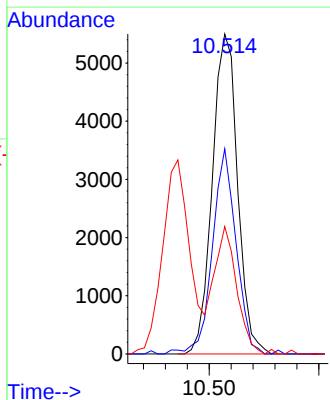
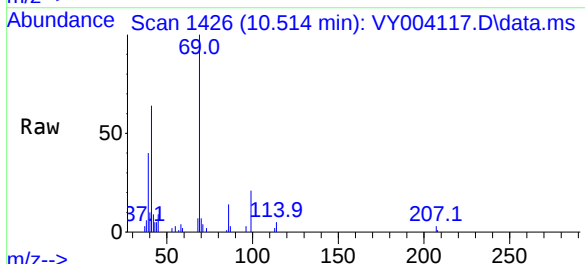
Manual Integrations
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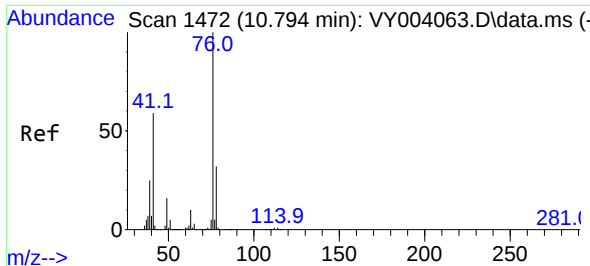
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#56
Ethyl methacrylate
Concen: 3.99 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	69	Resp:	8799
Ion	Ratio	Lower	Upper
69	100		
41	60.1	57.2	85.8
39	35.9	27.8	41.6





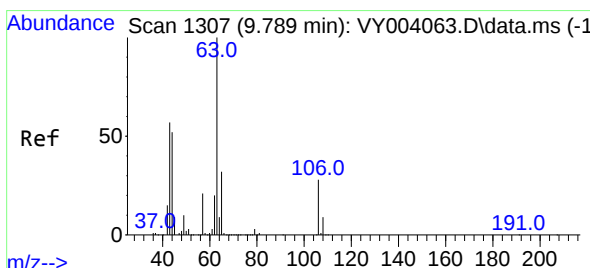
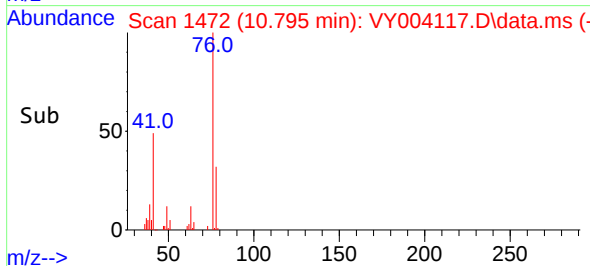
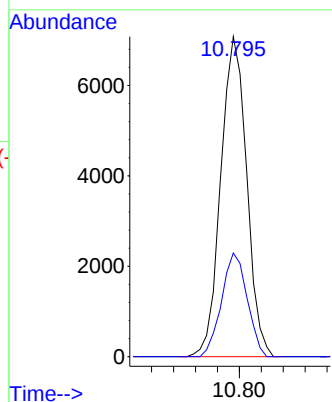
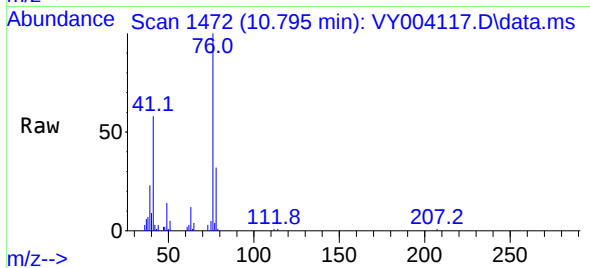
#57
1,3-Dichloropropane
Concen: 4.30 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 76 Resp: 11617
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3

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

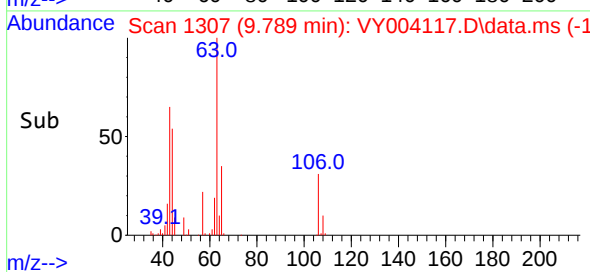
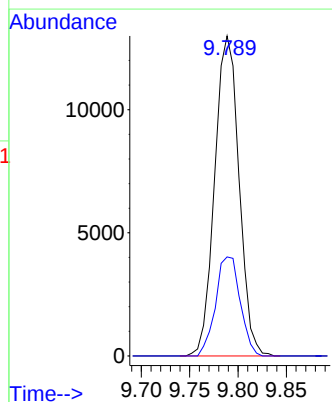
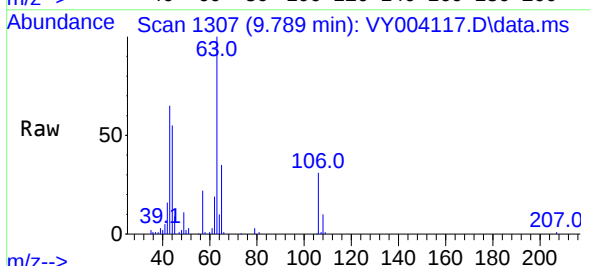
Manual Integrations
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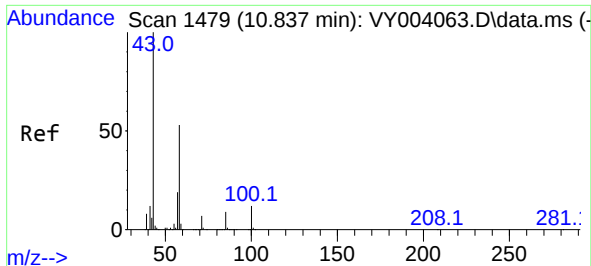
MMDadoda
3/19/2021 3:32:14 PM



#58
2-Chloroethyl Vinyl ether
Concen: 23.25 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 63 Resp: 22742
Ion Ratio Lower Upper
63 100
106 31.3 22.1 33.1





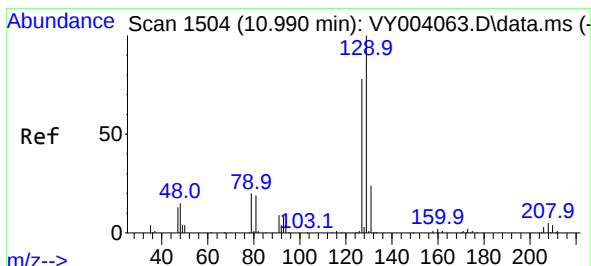
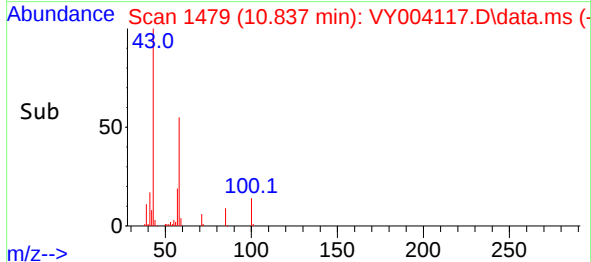
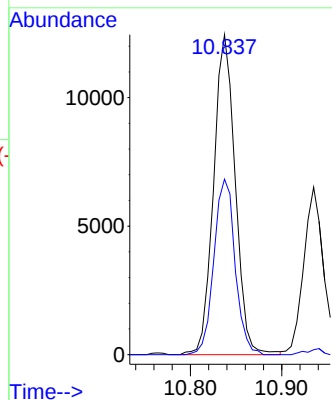
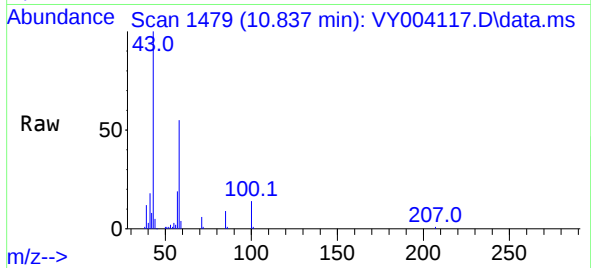
#59
2-Hexanone
Concen: 19.13 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 43 Resp: 20518
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.4

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

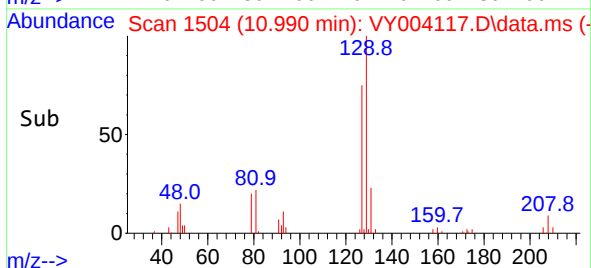
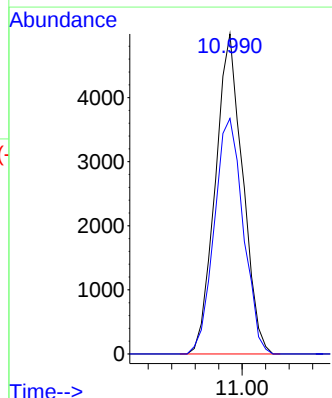
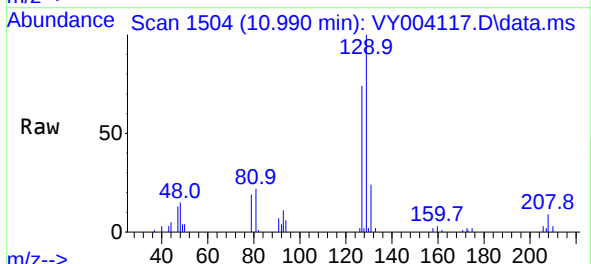
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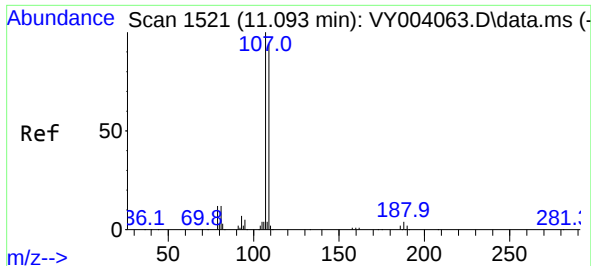
MMDadoda
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#60
Dibromochloromethane
Concen: 4.07 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 129 Resp: 8063
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





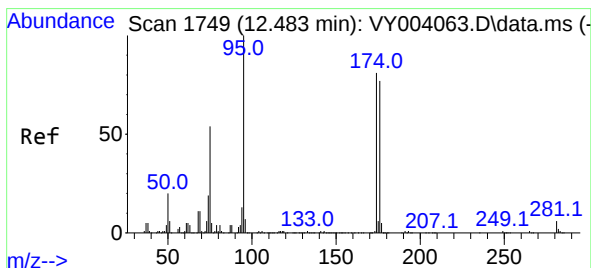
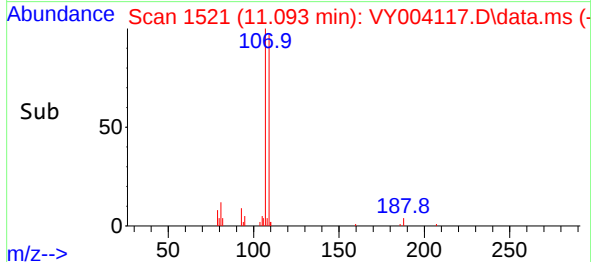
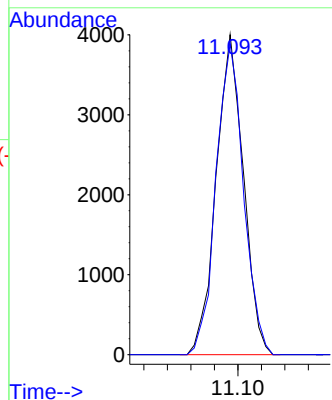
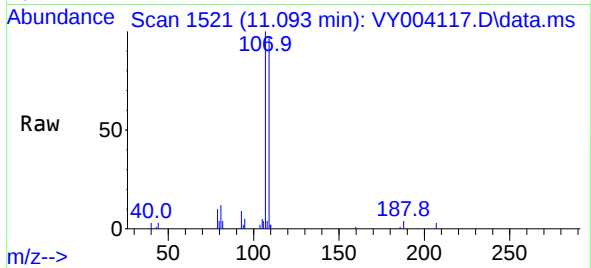
#61
1,2-Dibromoethane
Concen: 4.20 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 107 Resp: 6452
Ion Ratio Lower Upper
107 100
109 98.1 76.7 115.1

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

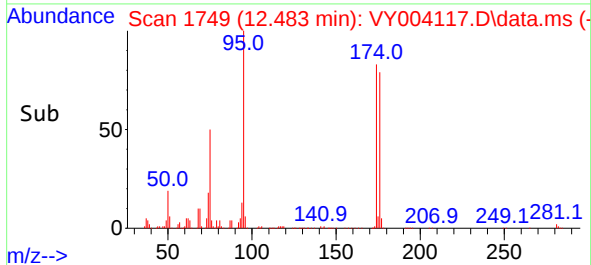
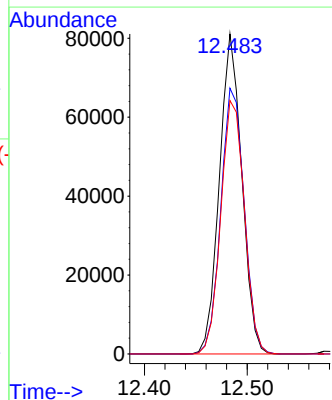
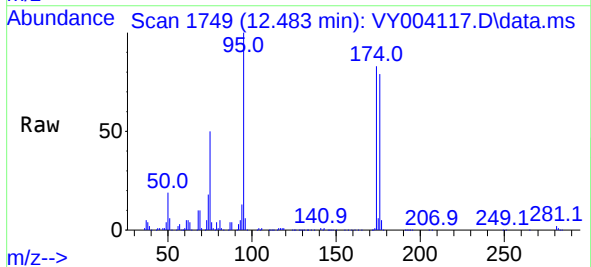
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#62
4-Bromofluorobenzene
Concen: 47.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 95 Resp: 122611
Ion Ratio Lower Upper
95 100
174 86.3 0.0 179.0
176 83.4 0.0 174.4





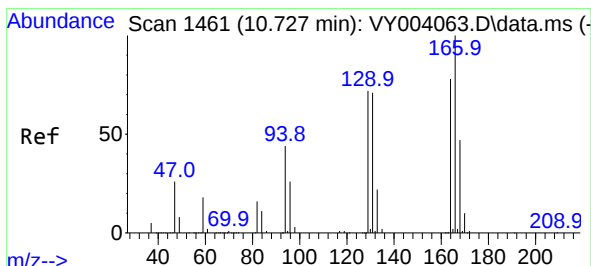
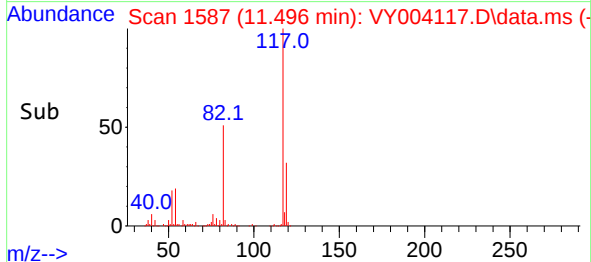
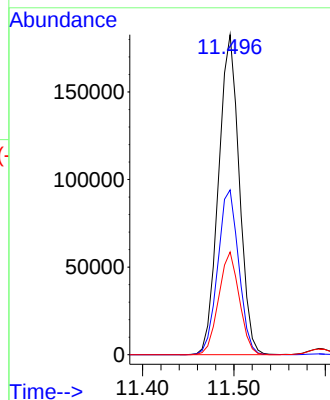
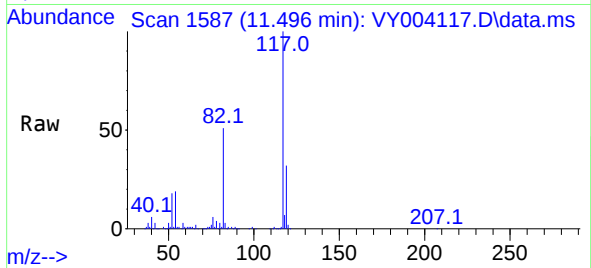
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	117	Resp:	288131
Ion Ratio	Lower	Upper	
117	100		
82	51.5	43.8	65.6
119	32.1	26.2	39.2

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

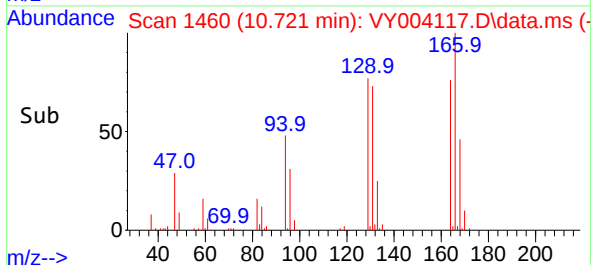
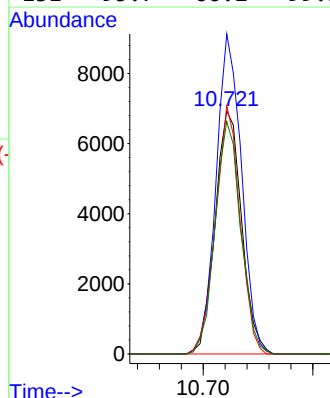
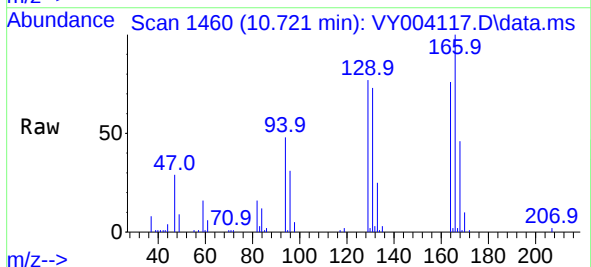
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#64
Tetrachloroethene
Concen: 4.83 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	164	Resp:	11650
Ion Ratio	Lower	Upper	
164	100		
166	131.7	102.7	154.1
129	102.1	70.6	105.8
131	95.7	66.2	99.2





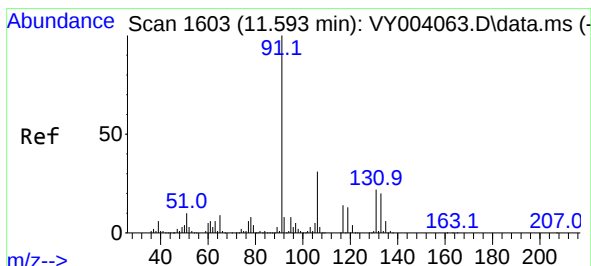
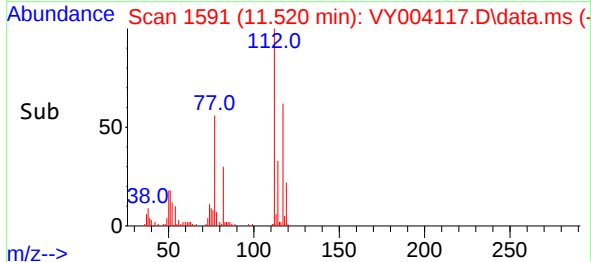
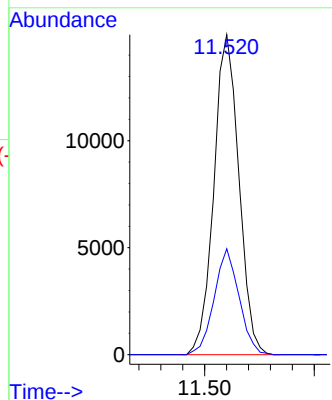
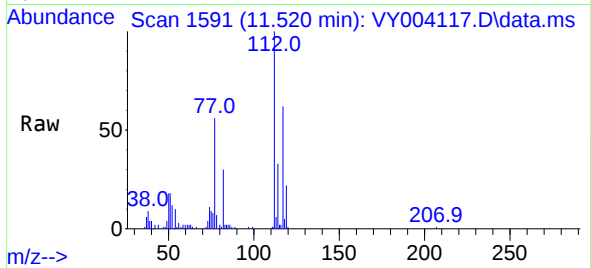
#65
Chlorobenzene
Concen: 4.29 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:112 Resp: 23701
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7

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

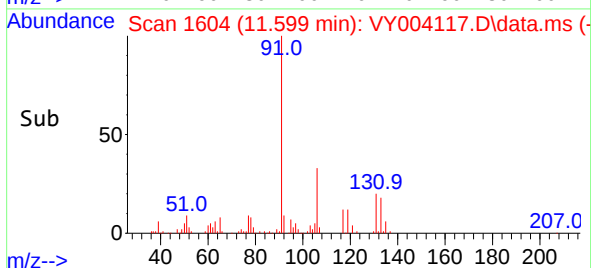
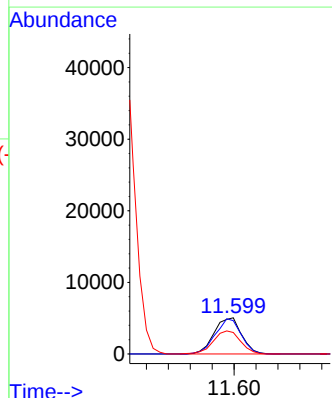
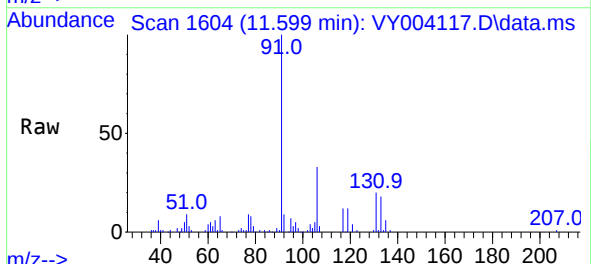
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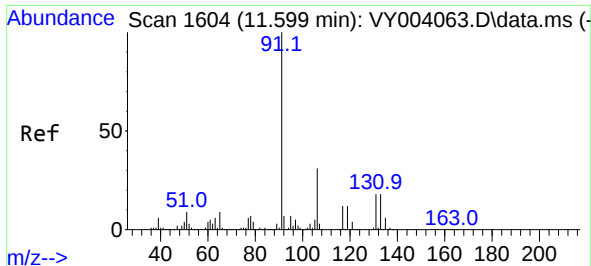
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.23 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:131 Resp: 8739
Ion Ratio Lower Upper
131 100
133 92.0 48.1 144.3
119 63.6 31.5 94.5





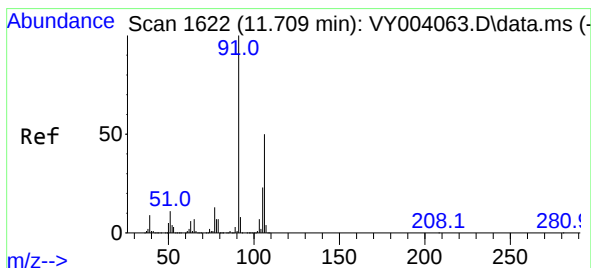
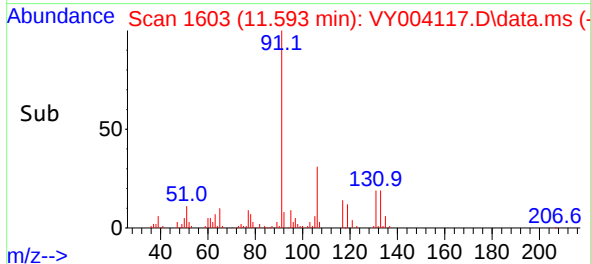
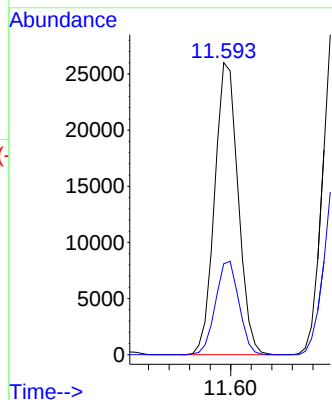
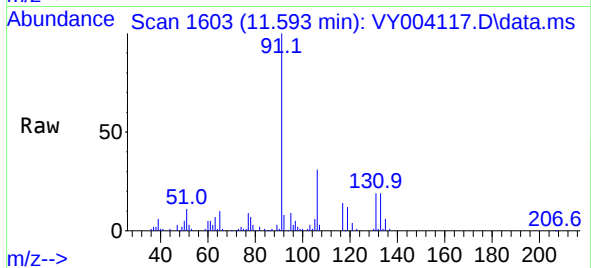
#67
Ethyl Benzene
Concen: 4.07 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 91 Resp: 41224
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

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

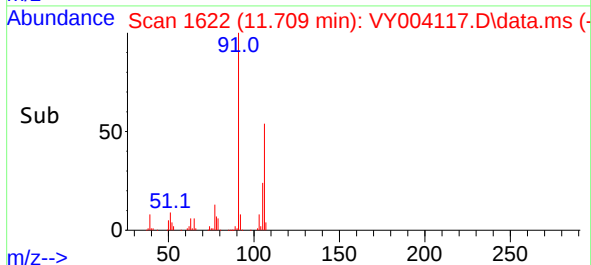
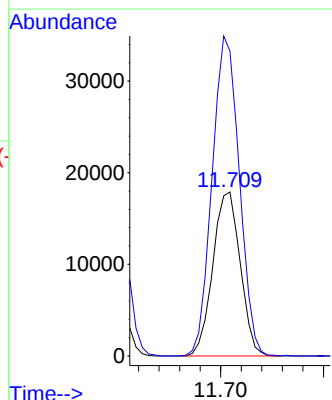
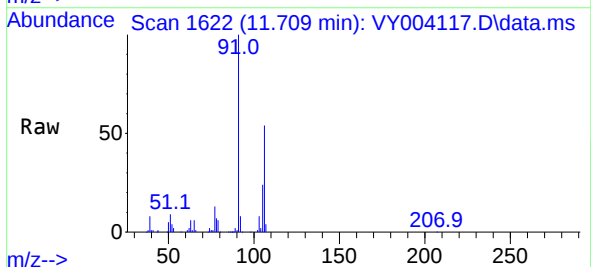
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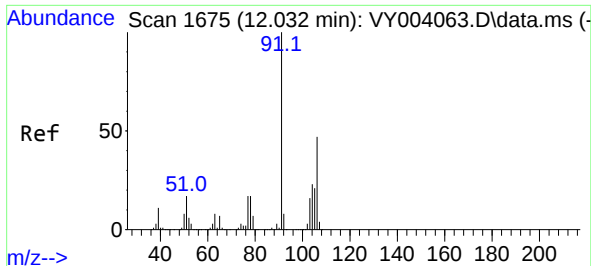
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#68
m/p-Xylenes
Concen: 8.56 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 106 Resp: 33085
Ion Ratio Lower Upper
106 100
91 194.0 165.4 248.0





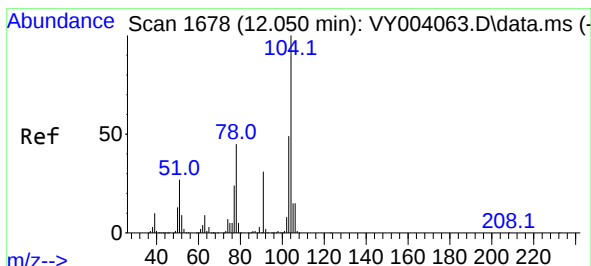
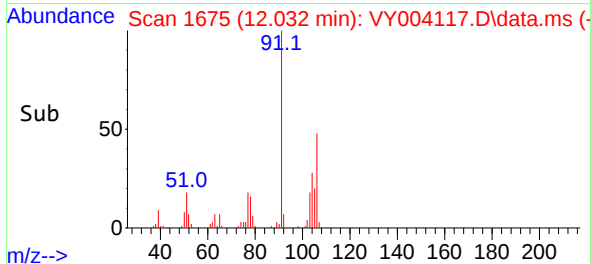
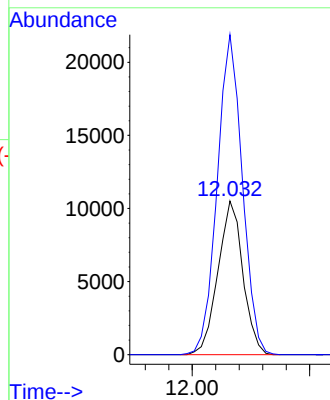
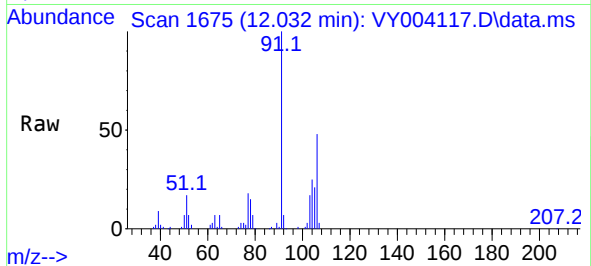
#69
o-Xylene
Concen: 4.24 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:106 Resp: 15501
Ion Ratio Lower Upper
106 100
91 209.7 108.9 326.7

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

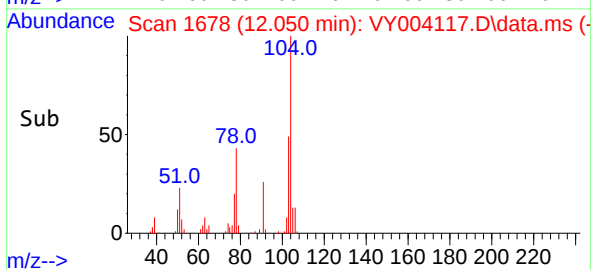
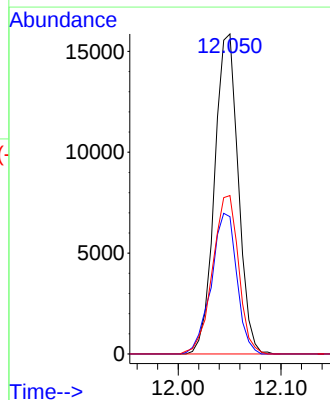
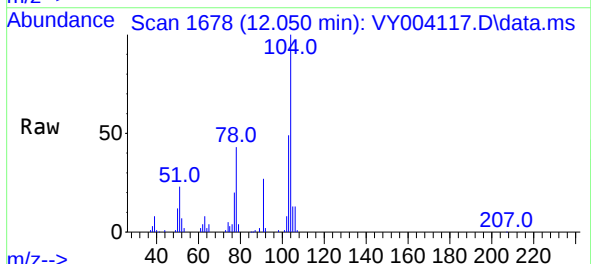
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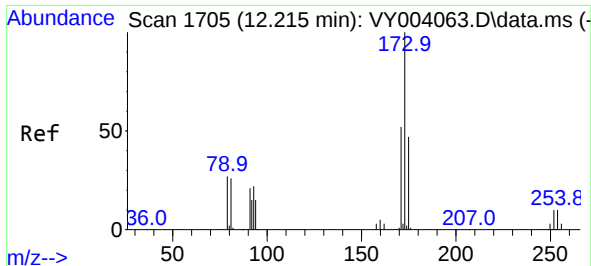
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#70
Styrene
Concen: 4.05 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:104 Resp: 25361
Ion Ratio Lower Upper
104 100
78 47.5 41.1 61.7
103 54.3 43.9 65.9





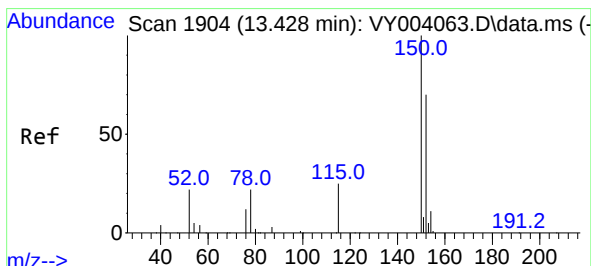
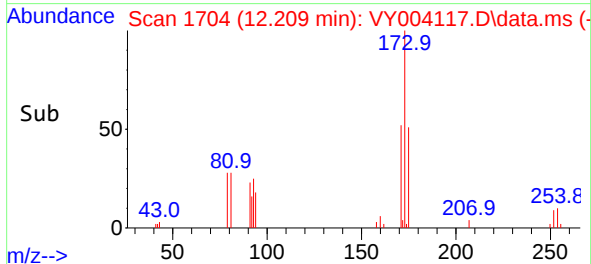
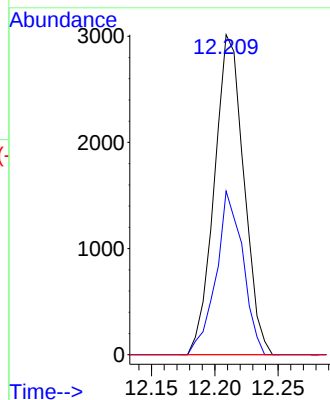
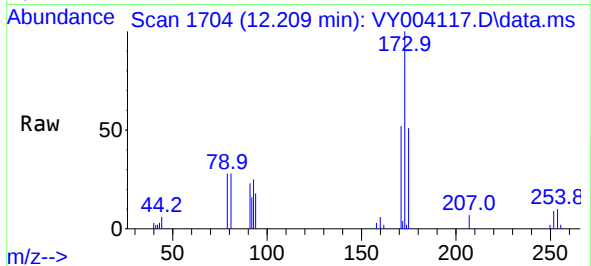
#71
Bromoform
Concen: 3.96 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	173	Resp:	4890
Ion Ratio	Lower	Upper	
173	100		
175	46.4	24.1	72.4
254	0.0	0.1	0.1#

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

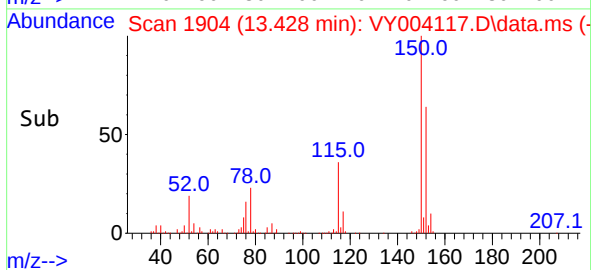
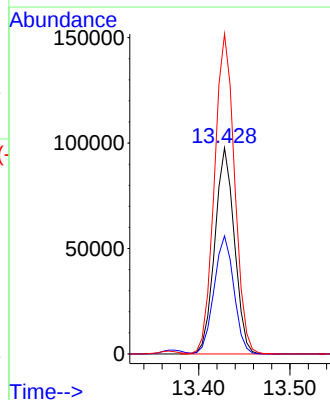
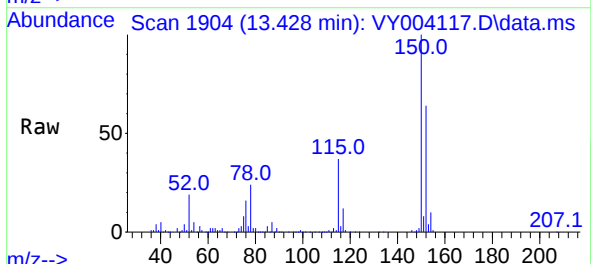
Manual Integrations
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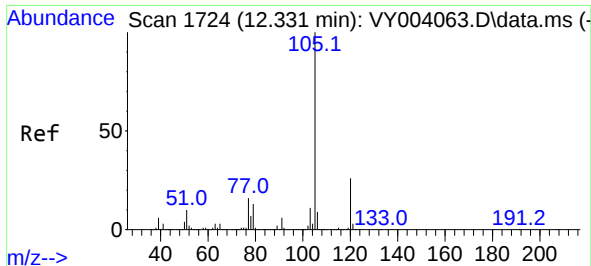
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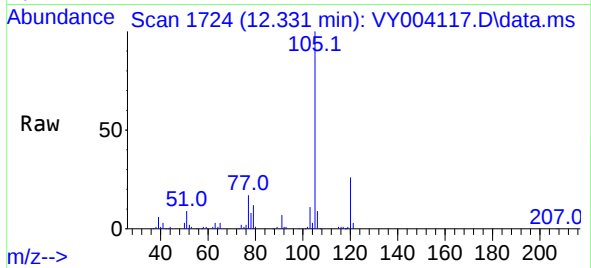
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	152	Resp:	145362
Ion Ratio	Lower	Upper	
152	100		
115	58.0	28.2	84.6
150	159.8	0.0	347.2

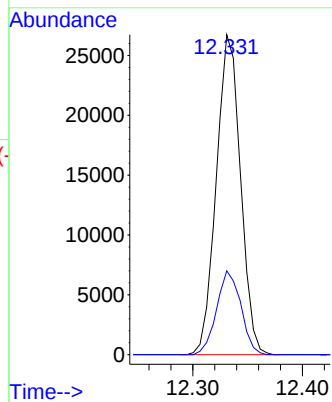
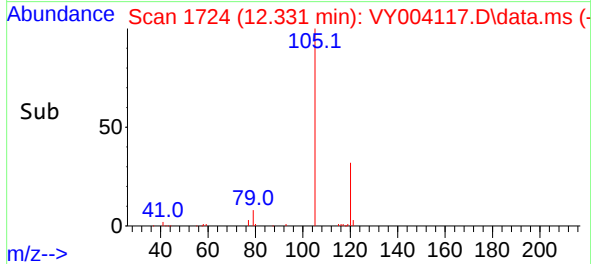




#73
Isopropylbenzene
Concen: 4.06 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



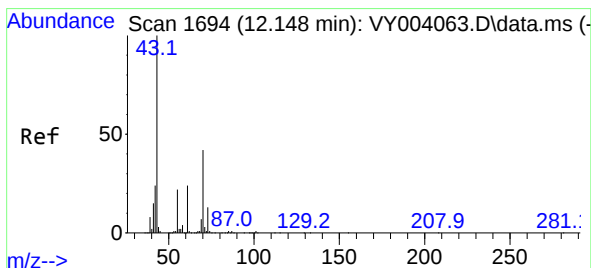
Tgt Ion: 105 Resp: 41038
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9



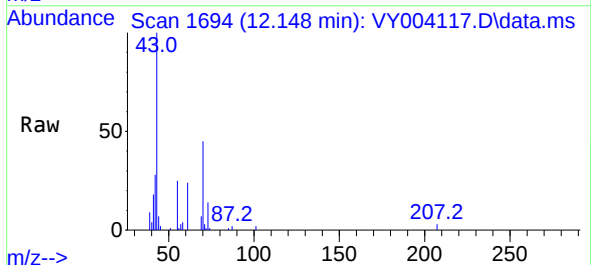
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
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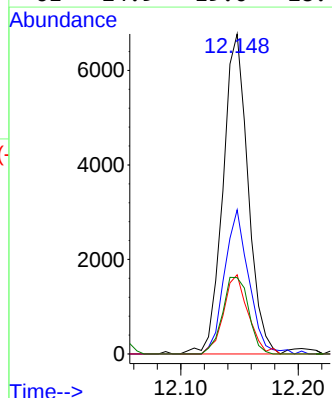
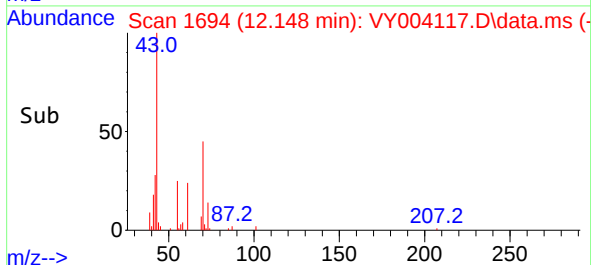
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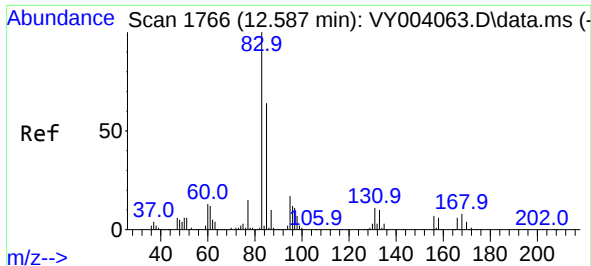


#74
N-ethyl acetate
Concen: 3.47 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



Tgt Ion: 43 Resp: 10028
Ion Ratio Lower Upper
43 100
70 44.1 32.3 48.5
55 24.2 18.4 27.6
61 24.9 19.0 28.4





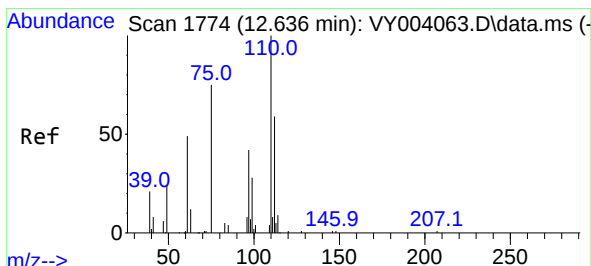
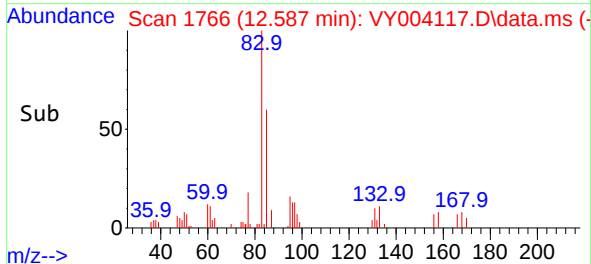
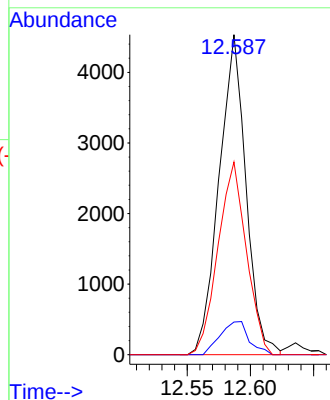
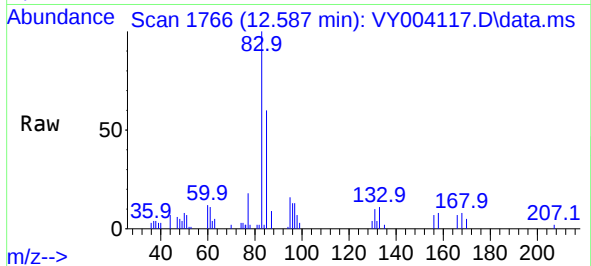
#75
1,1,2,2-Tetrachloroethane
Concen: 3.81 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	83	Resp:	6691
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	63.6	31.6	95.0

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

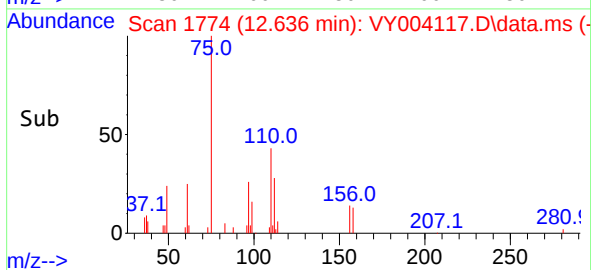
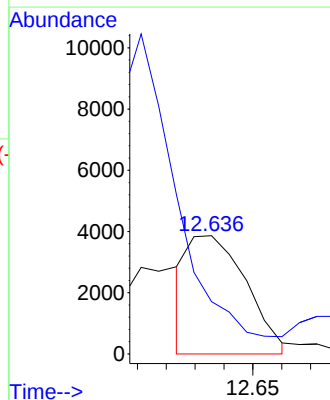
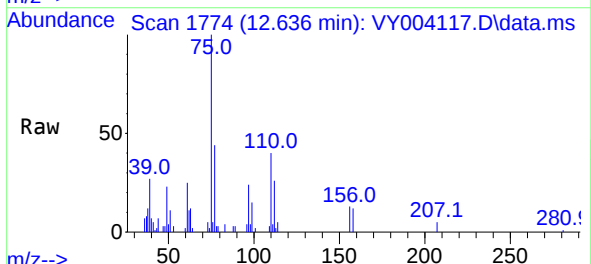
Manual Integrations
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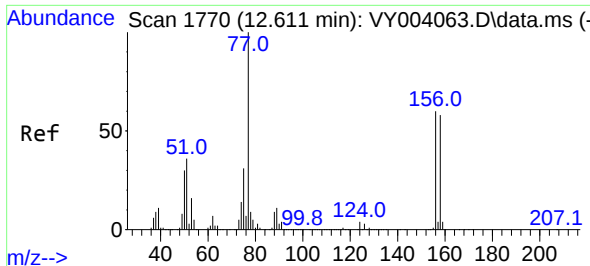
MMDadoda
3/19/2021 3:32:14 PM



#76
1,2,3-Trichloropropane
Concen: 3.88 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

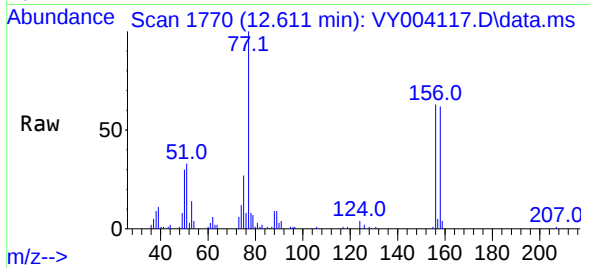
Tgt Ion:	75	Resp:	5414
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 4.31 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

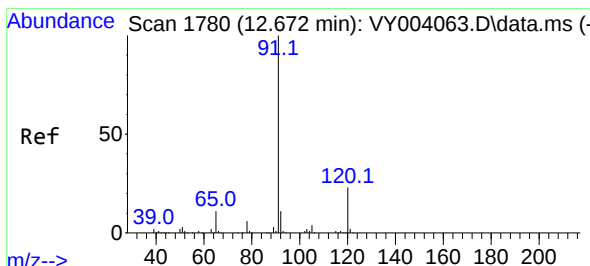
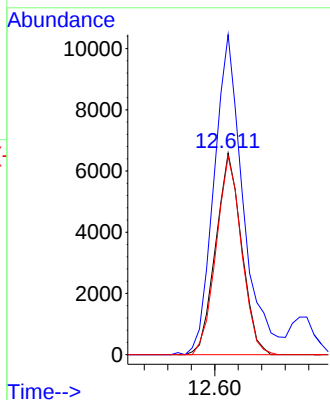
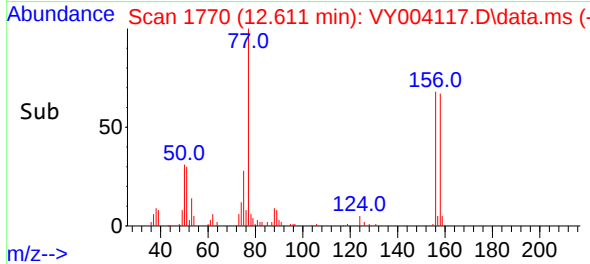
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



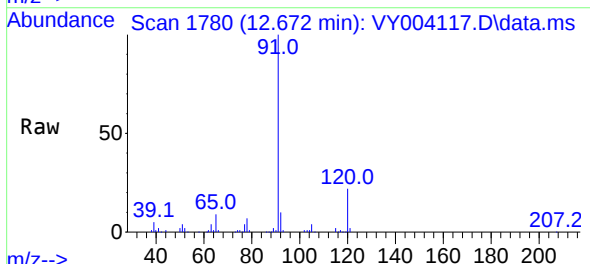
Tgt Ion:156 Resp: 10059
Ion Ratio Lower Upper
156 100
77 179.8 90.5 271.3
158 96.6 48.9 146.6

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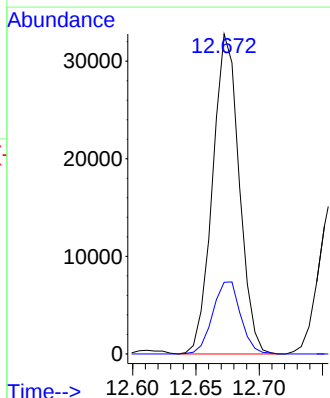
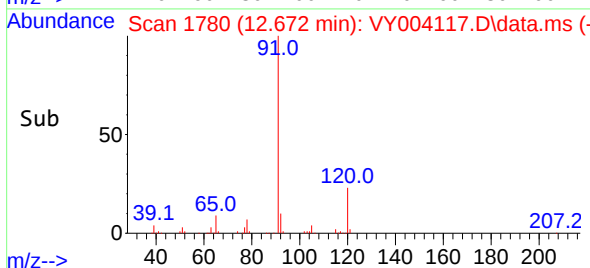
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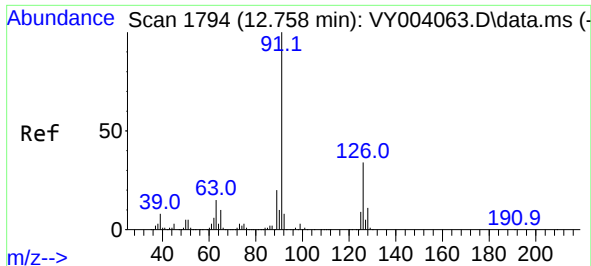


#78
n-propylbenzene
Concen: 4.03 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



Tgt Ion: 91 Resp: 47934
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9





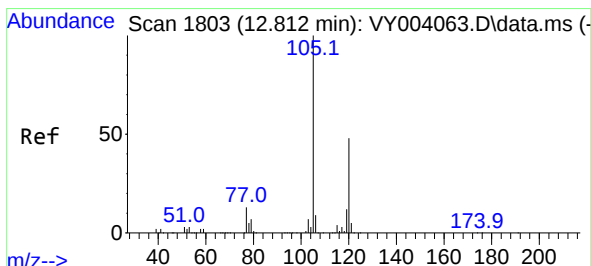
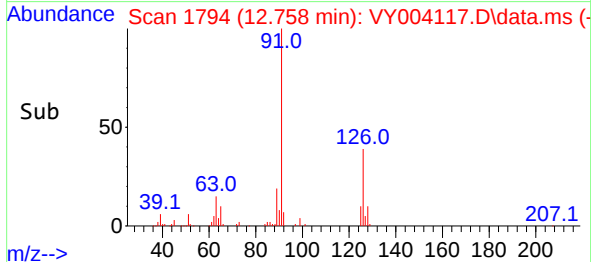
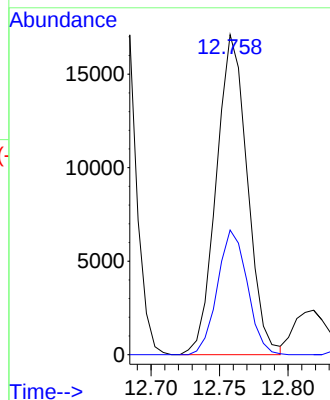
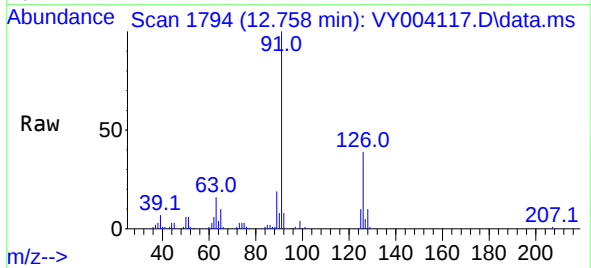
#79
2-Chlorotoluene
Concen: 4.04 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 91 Resp: 27004
Ion Ratio Lower Upper
91 100
126 37.4 17.0 51.0

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

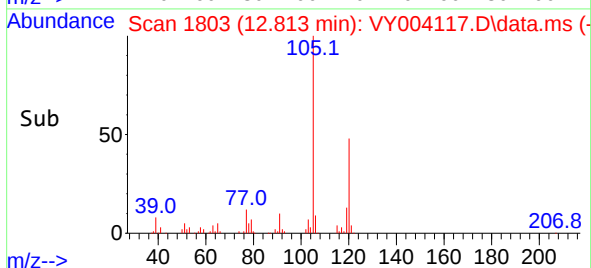
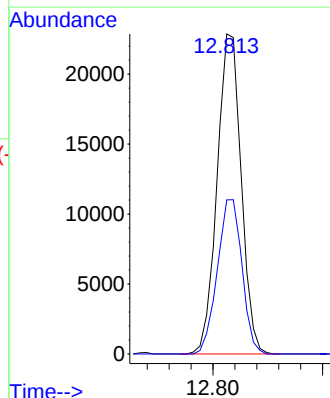
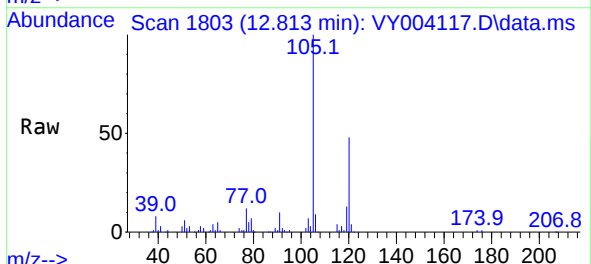
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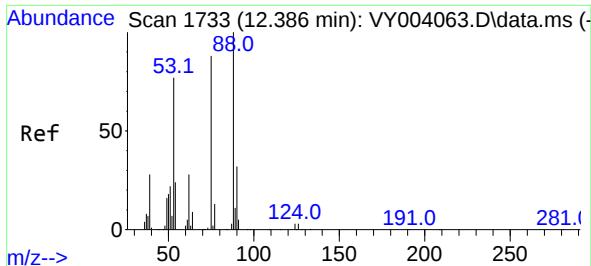
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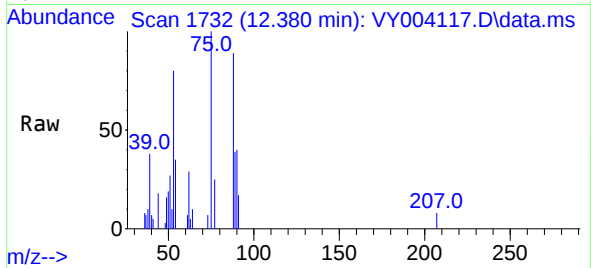
#80
1,3,5-Trimethylbenzene
Concen: 4.07 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion: 105 Resp: 34915
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.2

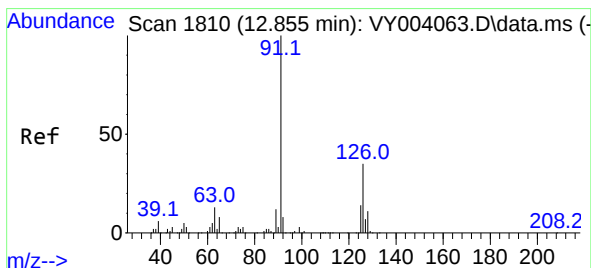
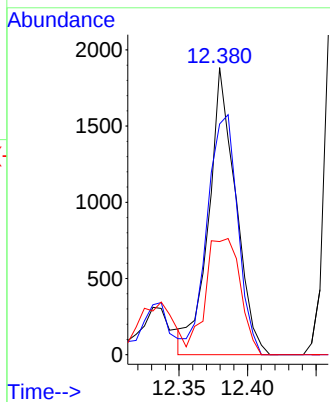
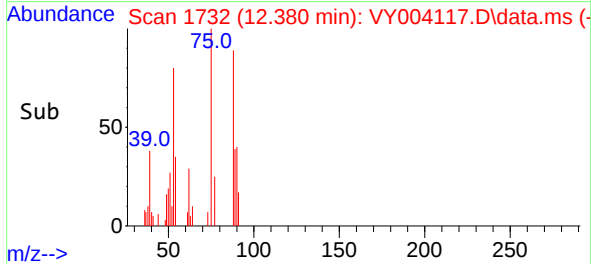




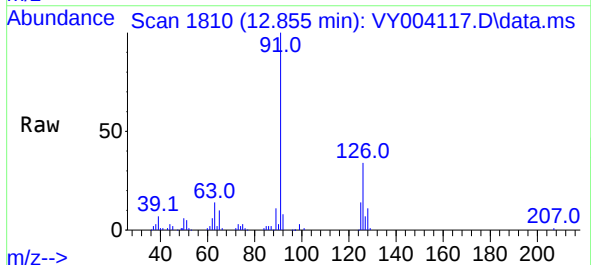
#81
trans-1,4-Dichloro-2-butene
Concen: 3.66 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



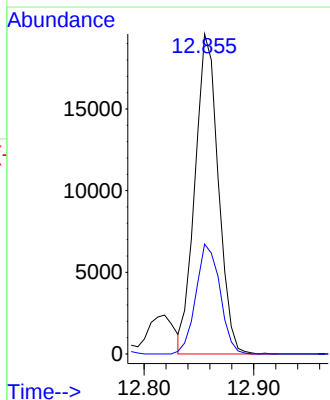
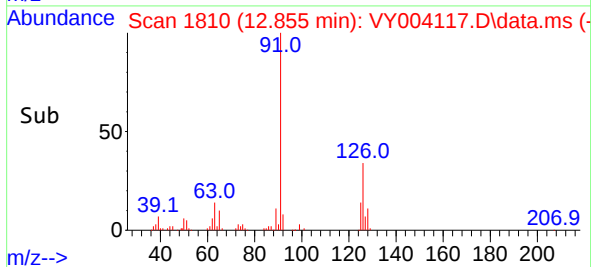
Tgt Ion: 75 Resp: 2585
Ion Ratio Lower Upper
75 100
53 93.3 73.5 110.3
89 51.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 4.09 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



Tgt Ion: 91 Resp: 28942
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4



Instrument :
MSVOA_Y
ClientSampleId :
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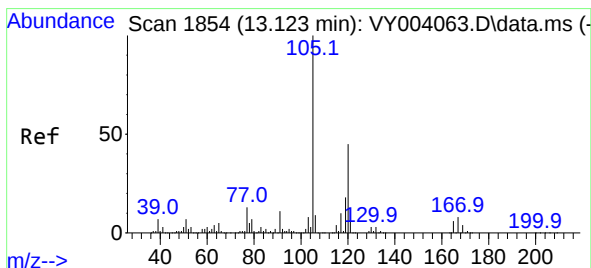
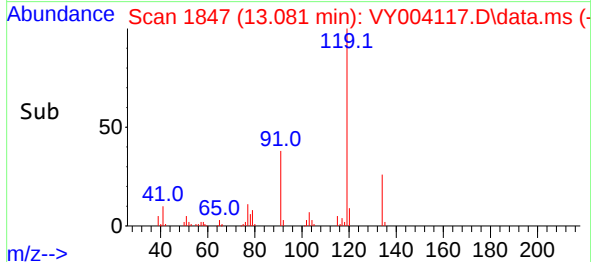
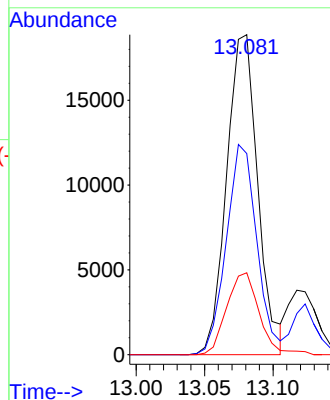
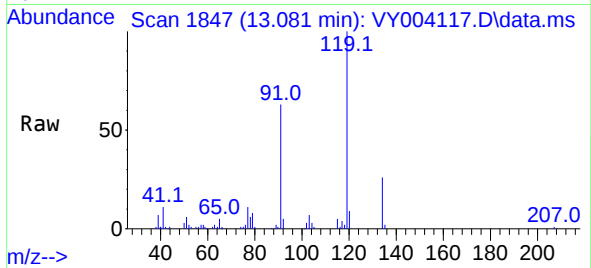
#83
tert-Butylbenzene
Concen: 4.06 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	119	Resp:	29913
Ion Ratio	Lower	Upper	
119	100		
91	64.5	33.0	99.0
134	26.7	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
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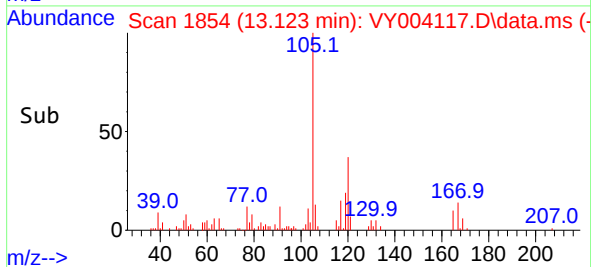
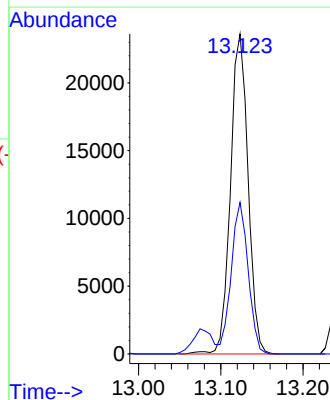
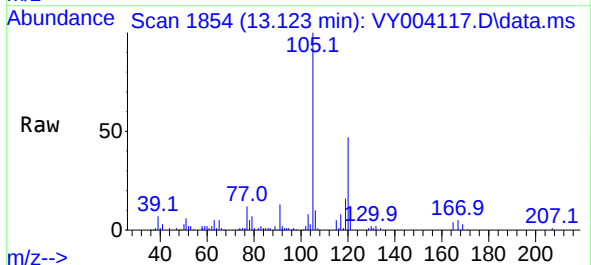
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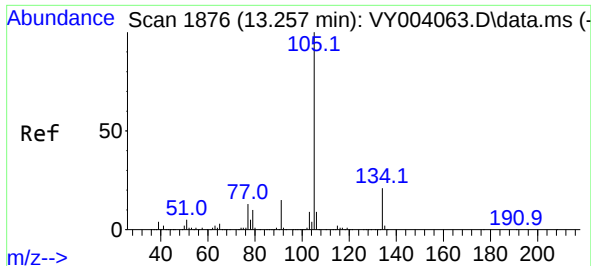
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#84
1,2,4-Trimethylbenzene
Concen: 4.09 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

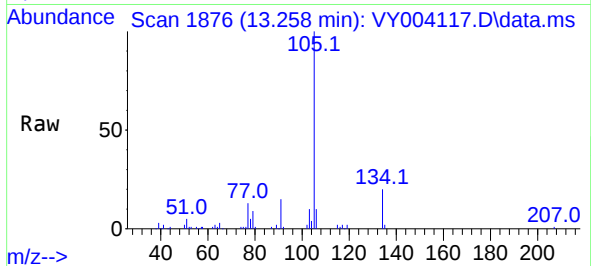
Tgt Ion:	105	Resp:	35114
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.1	66.3





#85
 sec-Butylbenzene
 Concen: 3.99 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.001 min
 Lab File: VY004117.D
 Acq: 18 Mar 2021 13:10

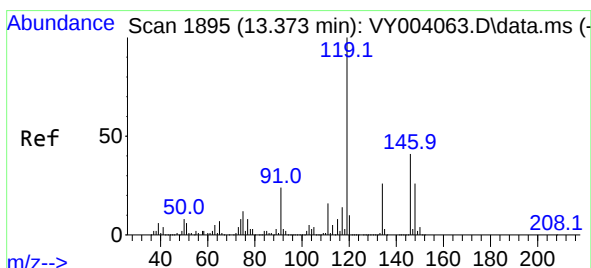
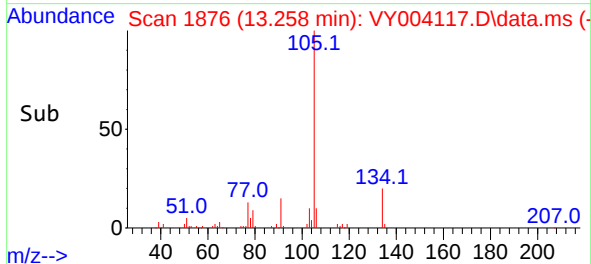
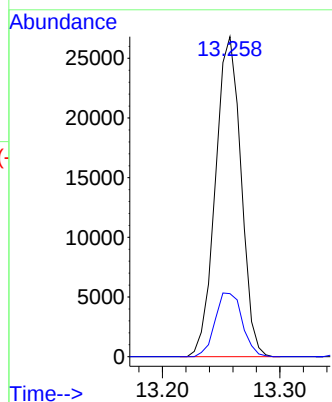
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021



Tgt Ion:105 Resp: 40592
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

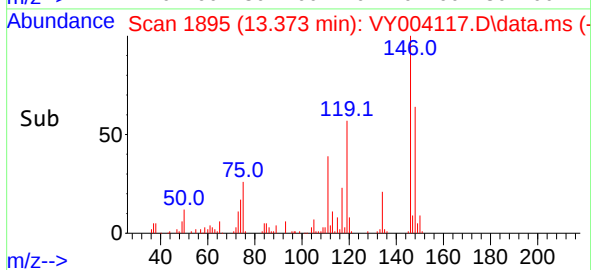
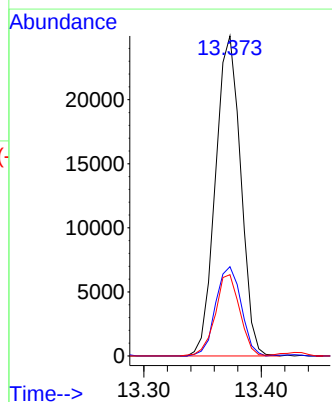
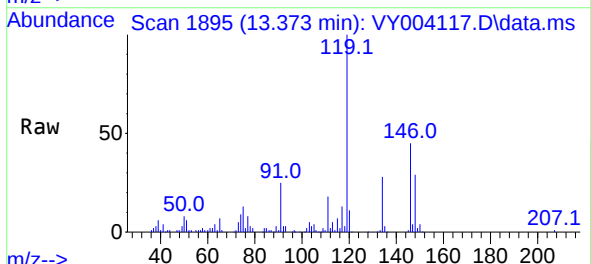
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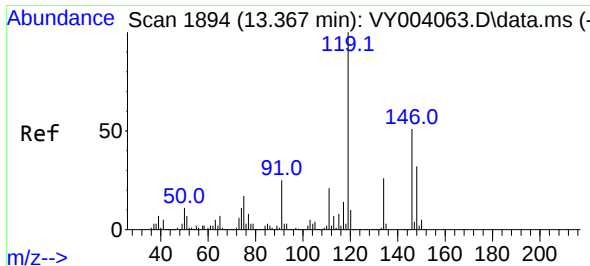
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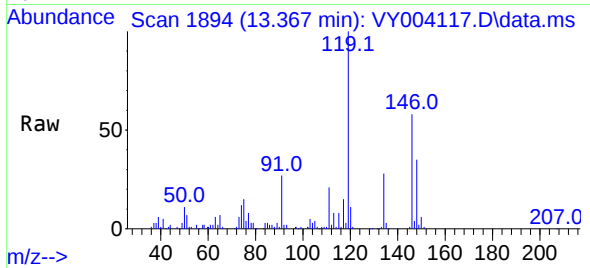
#86
 p-Isopropyltoluene
 Concen: 3.96 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004117.D
 Acq: 18 Mar 2021 13:10

Tgt Ion:119 Resp: 37292
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.2 39.5
 91 24.7 12.1 36.3

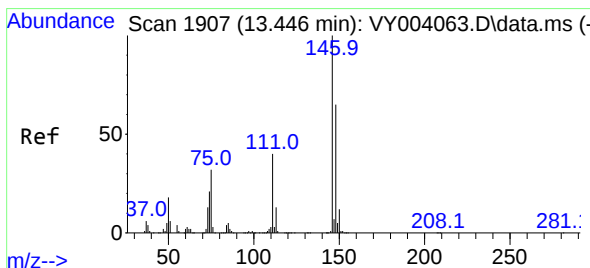
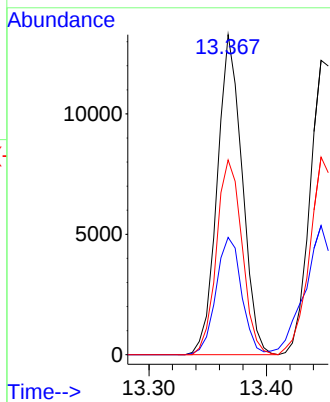
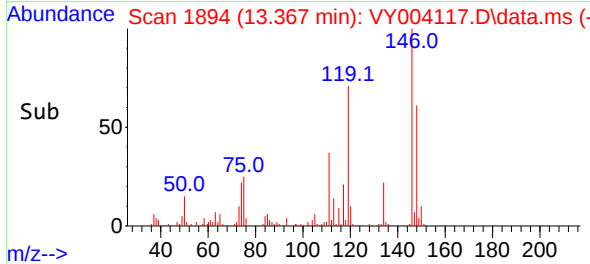




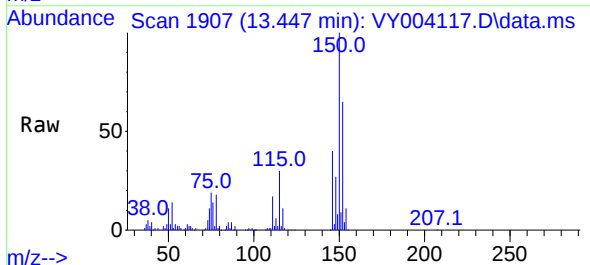
#87
1,3-Dichlorobenzene
Concen: 4.35 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



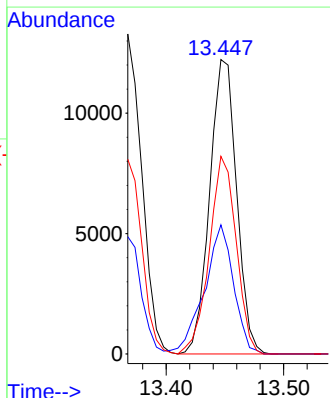
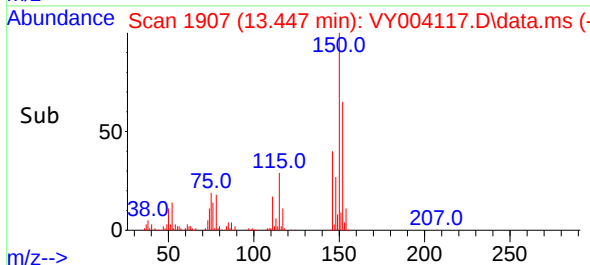
Tgt Ion:146 Resp: 19608
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.7
148 62.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 4.34 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



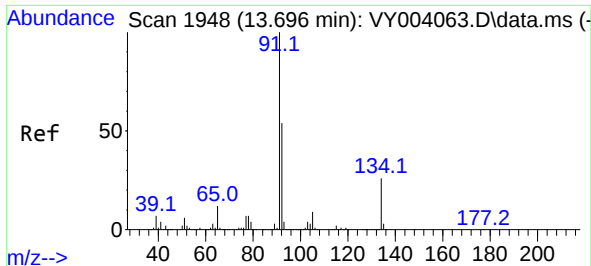
Tgt Ion:146 Resp: 19517
Ion Ratio Lower Upper
146 100
111 47.8 18.6 55.8
148 67.1 31.8 95.4



Instrument :
MSVOA_Y
ClientSampleId :
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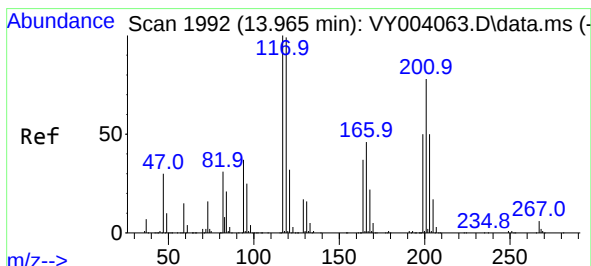
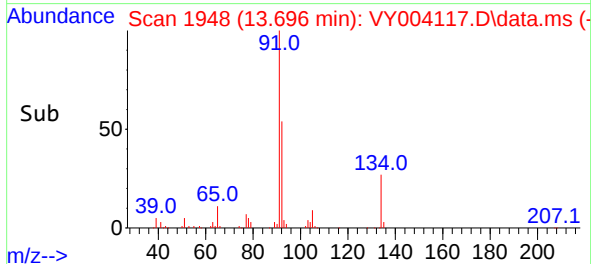
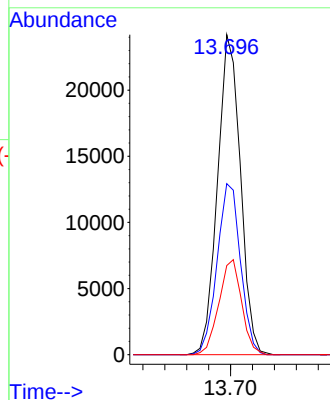
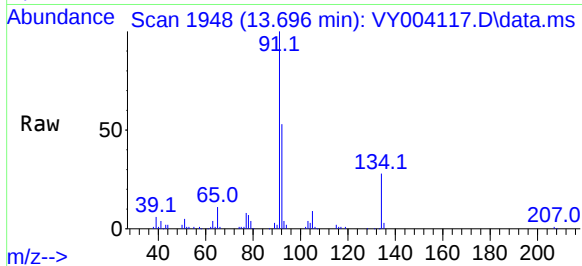
#89
n-Butylbenzene
Concen: 3.91 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	91	Resp:	35068
Ion Ratio	Lower	Upper	
91	100		
92	54.7	26.5	79.4
134	29.6	13.2	39.5

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

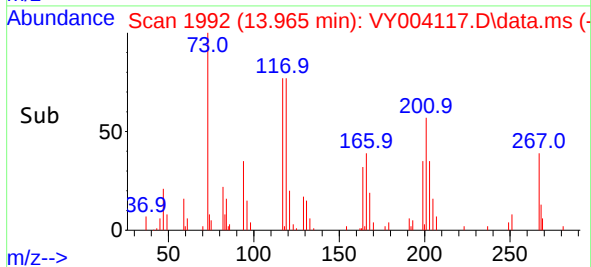
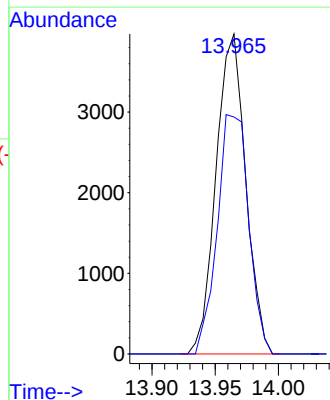
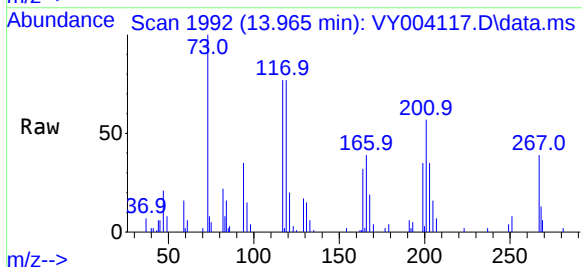
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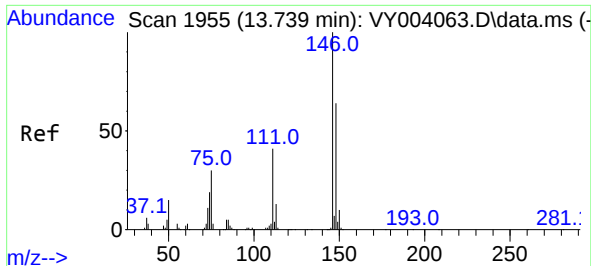
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#90
Hexachloroethane
Concen: 3.82 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	117	Resp:	6475
Ion Ratio	Lower	Upper	
117	100		
201	79.3	46.0	138.0





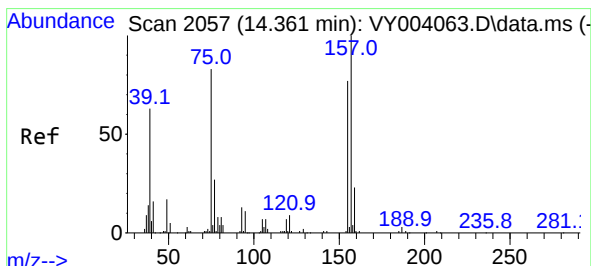
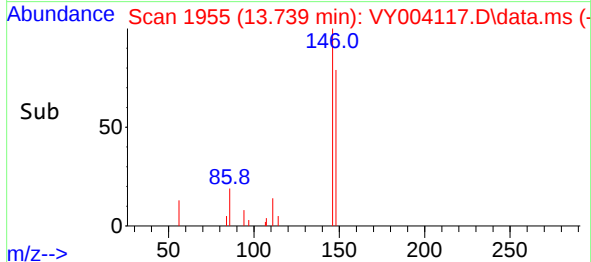
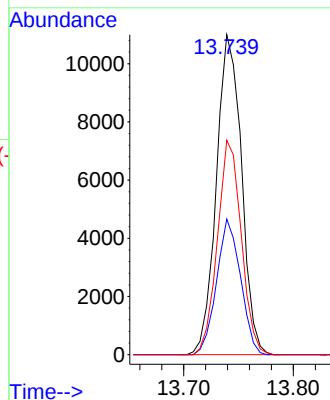
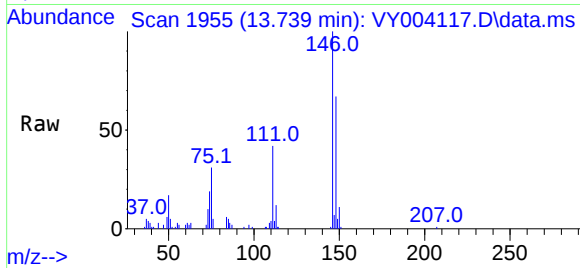
#91
1,2-Dichlorobenzene
Concen: 4.38 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	146	Resp:	17497
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.6	58.8
148	63.8	31.9	95.7

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

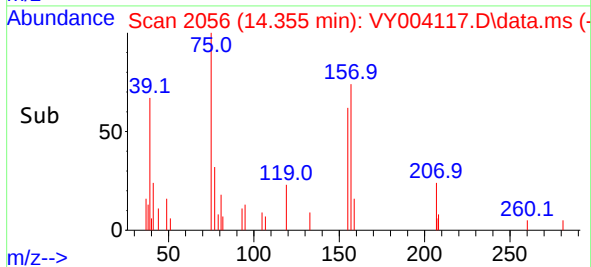
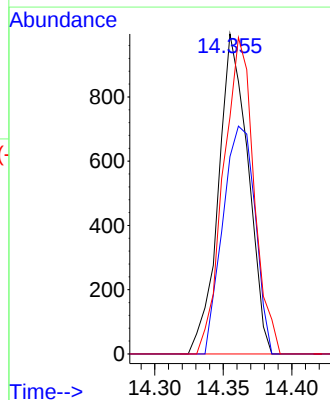
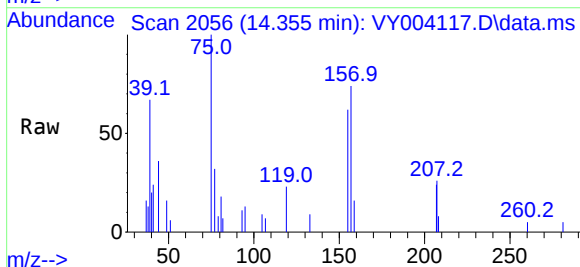
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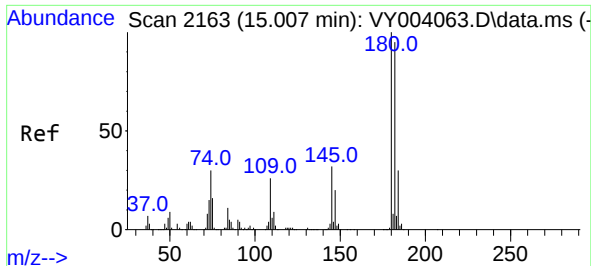
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.51 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	75	Resp:	1494
Ion Ratio	Lower	Upper	
75	100		
155	77.5	42.8	128.4
157	101.9	52.4	157.3





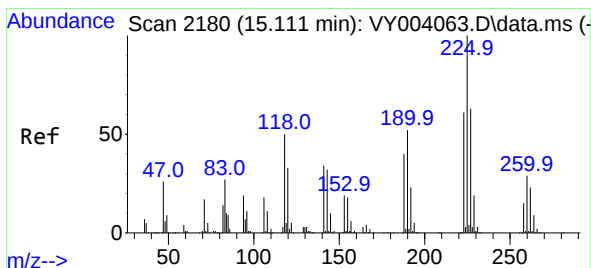
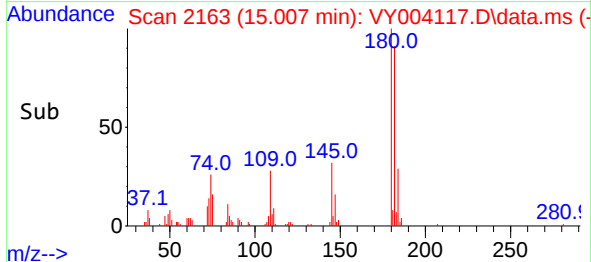
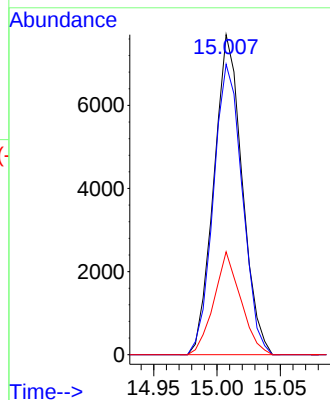
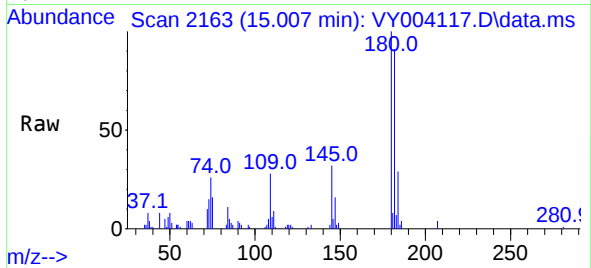
#93
1,2,4-Trichlorobenzene
Concen: 4.42 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

Tgt Ion:	180	Resp:	11981
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.0	144.0
145	30.5	14.1	42.2

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

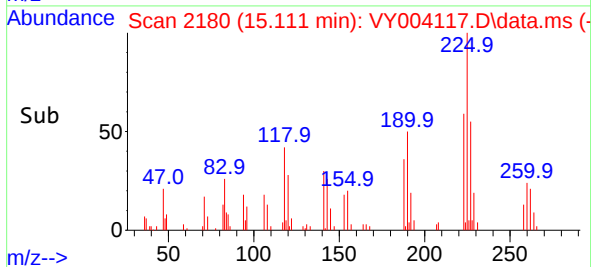
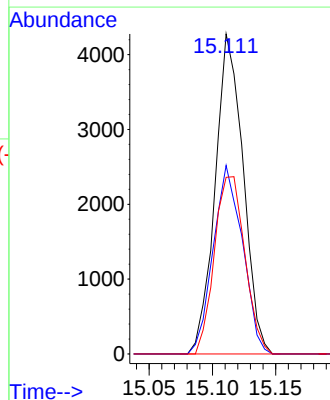
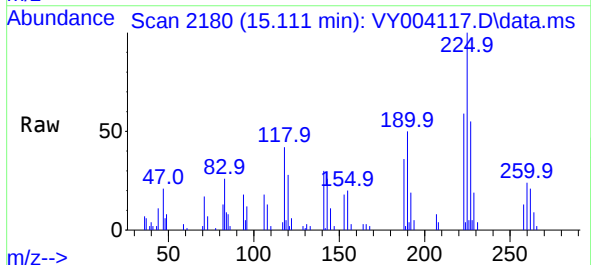
Manual Integrations
APPROVED

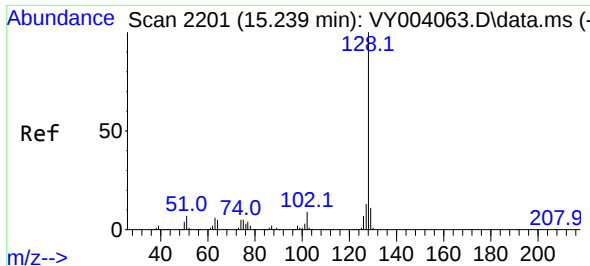
MMDadoda
3/19/2021 3:32:14 PM



#94
Hexachlorobutadiene
Concen: 4.33 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

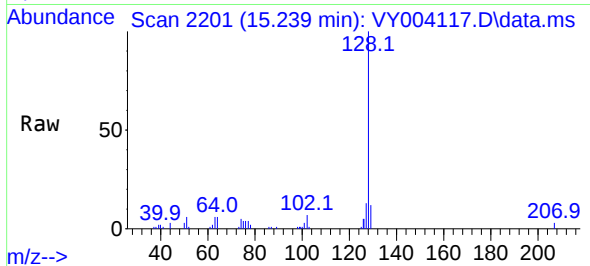
Tgt Ion:	225	Resp:	6579
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.5	94.5
227	60.3	32.1	96.3





#95
Naphthalene
Concen: 4.44 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10

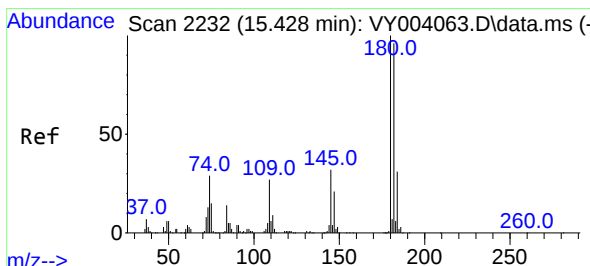
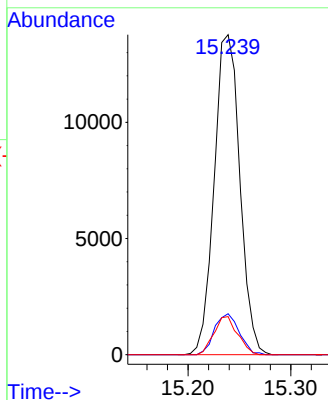
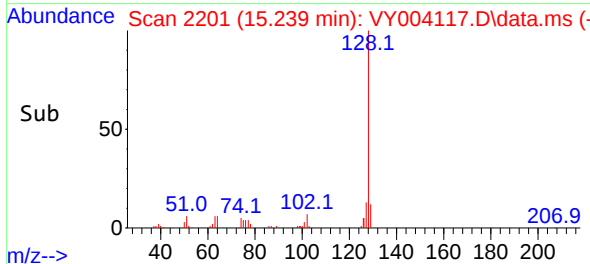
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



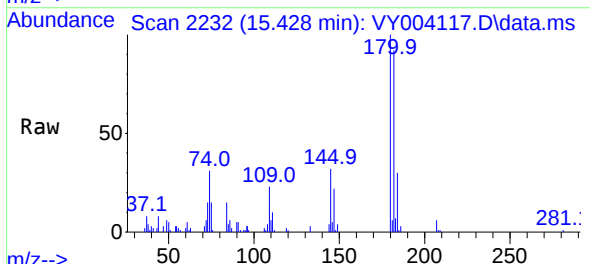
Tgt Ion:128 Resp: 23840
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
3/19/2021 3:32:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.51 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004117.D
Acq: 18 Mar 2021 13:10



Tgt Ion:180 Resp: 10278
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 33.3 15.3 45.9

