

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004098.D
 Acq On : 17 Mar 2021 13:14
 Operator : SY/MD
 Sample : M1458-01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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 3/18/2021 2:18:47 PM

Quant Time: Mar 18 02:47:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 18 02:46:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	218220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	99167	46.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.10%		
35) Dibromofluoromethane	7.728	113	95364	49.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.02%		
50) Toluene-d8	10.185	98	362198	47.48	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.96%		
62) 4-Bromofluorobenzene	12.483	95	134046	47.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	4745	2.70	ug/l	97
3) Chloromethane	2.119	50	7061	2.99	ug/l #	85
4) Vinyl Chloride	2.259	62	7175	2.72	ug/l	96
5) Bromomethane	2.668	94	5388	3.20	ug/l	96
6) Chloroethane	2.808	64	3989	2.48	ug/l	93
7) Trichlorofluoromethane	3.137	101	8645	2.47	ug/l	97
8) Diethyl Ether	3.546	74	2719	2.42	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	4819	2.46	ug/l	99
10) Methyl Iodide	4.107	142	4523	2.26	ug/l #	93
11) Tert butyl alcohol	4.966	59	2848	14.63	ug/l #	90
12) 1,1-Dichloroethene	3.893	96	4888	2.55	ug/l	85
13) Acrolein	3.741	56	1890	9.79	ug/l	98
14) Allyl chloride	4.497	41	7109	2.24	ug/l	89
15) Acrylonitrile	5.186	53	6265	11.22	ug/l	99
16) Acetone	3.960	43	6020	11.58	ug/l #	89
17) Carbon Disulfide	4.210	76	13358	2.37	ug/l #	92
18) Methyl Acetate	4.485	43	3501	2.73	ug/l #	87
19) Methyl tert-butyl Ether	5.234	73	13209	2.42	ug/l	94
20) Methylene Chloride	4.735	84	15050	6.00	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	5500	2.55	ug/l #	78
22) Diisopropyl ether	6.131	45	14700	2.19	ug/l	97
23) Vinyl Acetate	6.076	43	44114	10.00	ug/l	96
24) 1,1-Dichloroethane	6.033	63	8500	2.29	ug/l	98
25) 2-Butanone	7.002	43	7997	10.67	ug/l	100
26) 2,2-Dichloropropane	6.990	77	8209	2.31	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	5833	2.38	ug/l	94
28) Bromochloromethane	7.350	49	3911	2.41	ug/l	87
29) Tetrahydrofuran	7.356	42	5204	10.69	ug/l #	87
30) Chloroform	7.521	83	9270	2.41	ug/l	96
31) Cyclohexane	7.789	56	12299	3.26	ug/l #	67
32) 1,1,1-Trichloroethane	7.716	97	8334	2.33	ug/l	99
36) 1,1-Dichloropropene	7.923	75	7778	2.57	ug/l	97
37) Ethyl Acetate	7.088	43	3769	2.31	ug/l #	94
38) Carbon Tetrachloride	7.911	117	7426	2.31	ug/l	90
39) Methylcyclohexane	9.191	83	9412	2.40	ug/l	87
40) Benzene	8.167	78	20446	2.39	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	1827m	1.81	ug/l	
42) 1,2-Dichloroethane	8.252	62	6415	2.46	ug/l	96
43) Isopropyl Acetate	8.277	43	6905	2.11	ug/l #	92
44) Trichloroethene	8.941	130	6647	2.69	ug/l	96
45) 1,2-Dichloropropane	9.222	63	4880	2.29	ug/l #	82
46) Dibromomethane	9.313	93	2992	2.45	ug/l	97
47) Bromodichloromethane	9.508	83	7002	2.30	ug/l	89
48) Methyl methacrylate	9.301	41	3297	2.12	ug/l	89
49) 1,4-Dioxane	9.313	88	732	47.17	ug/l #	22
51) 4-Methyl-2-Pentanone	10.075	43	17029	10.26	ug/l	95
52) Toluene	10.252	92	14010	2.53	ug/l	90
53) t-1,3-Dichloropropene	10.471	75	7184	2.24	ug/l	91
54) cis-1,3-Dichloropropene	9.935	75	7889	2.19	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	4310	2.51	ug/l	93
56) Ethyl methacrylate	10.514	69	5055	2.11	ug/l #	91
57) 1,3-Dichloropropane	10.794	76	7075	2.41	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	13842	13.02	ug/l	92
59) 2-Hexanone	10.837	43	11403	9.78	ug/l	96
60) Dibromochloromethane	10.990	129	5147	2.39	ug/l	95
61) 1,2-Dibromoethane	11.093	107	4098	2.46	ug/l	98
64) Tetrachloroethene	10.721	164	7807	3.03	ug/l	97
65) Chlorobenzene	11.520	112	15011	2.55	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	5160	2.34	ug/l	95
67) Ethyl Benzene	11.599	91	26207	2.42	ug/l	99
68) m/p-Xylenes	11.709	106	20733	5.02	ug/l	90
69) o-Xylene	12.032	106	9520	2.44	ug/l	93
70) Styrene	12.050	104	15149	2.27	ug/l	96
71) Bromoform	12.209	173	3158	2.39	ug/l #	99
73) Isopropylbenzene	12.331	105	26515	2.44	ug/l	99
74) N-amyl acetate	12.148	43	6336	2.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	3865	2.05	ug/l	95
76) 1,2,3-Trichloropropane	12.642	75	3173m	2.11	ug/l	
77) Bromobenzene	12.611	156	6556	2.61	ug/l	92
78) n-propylbenzene	12.672	91	30876	2.41	ug/l	96
79) 2-Chlorotoluene	12.764	91	17241	2.40	ug/l	94
80) 1,3,5-Trimethylbenzene	12.818	105	21800	2.36	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	1588m	2.09	ug/l	
82) 4-Chlorotoluene	12.861	91	18010	2.37	ug/l	95
83) tert-Butylbenzene	13.075	119	19501	2.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	22222	2.41	ug/l	100
85) sec-Butylbenzene	13.257	105	26318	2.41	ug/l	97
86) p-Isopropyltoluene	13.373	119	24777	2.44	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	12114	2.50	ug/l	96
88) 1,4-Dichlorobenzene	13.453	146	13045	2.69	ug/l	85
89) n-Butylbenzene	13.702	91	23122	2.39	ug/l	98
90) Hexachloroethane	13.965	117	3957	2.17	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	11335	2.64	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	791	2.22	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	8209	2.81	ug/l	97
94) Hexachlorobutadiene	15.117	225	4559	2.79	ug/l	96
95) Naphthalene	15.239	128	15442	2.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	7416	3.02	ug/l	99

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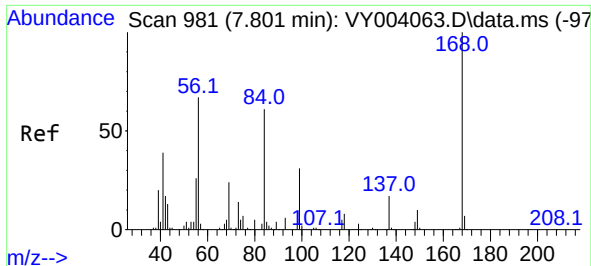
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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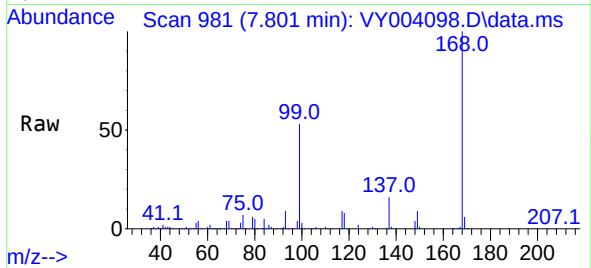
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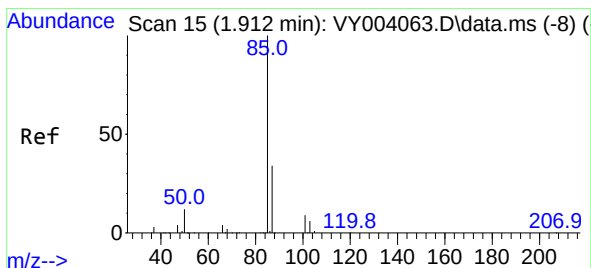
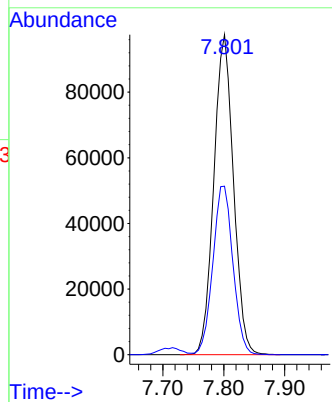
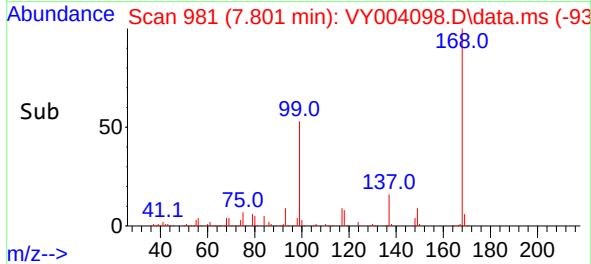
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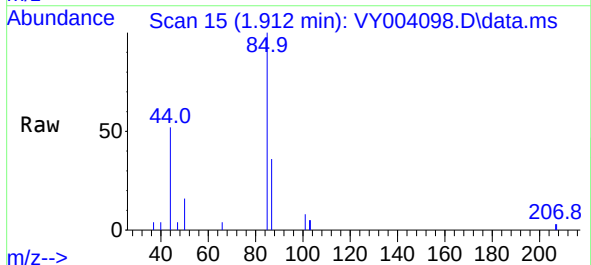
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004098.D
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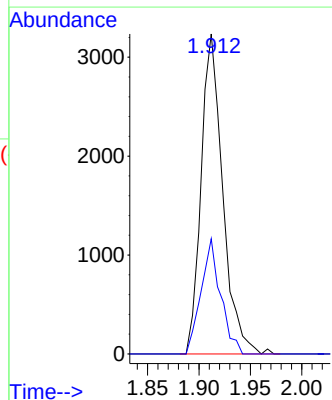
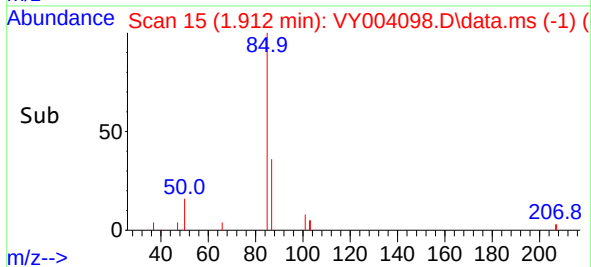
Tgt Ion:168 Resp: 218220
Ion Ratio Lower Upper
168 100
99 52.7 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 2.70 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



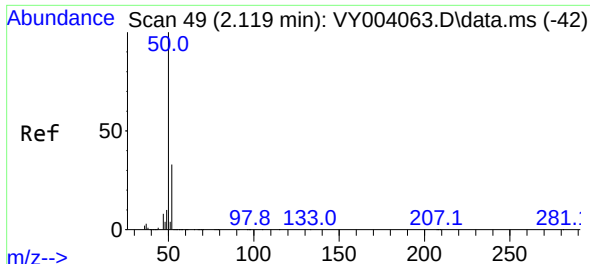
Tgt Ion: 85 Resp: 4745
Ion Ratio Lower Upper
85 100
87 36.0 17.0 51.0



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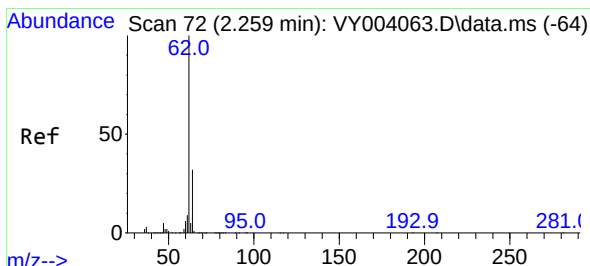
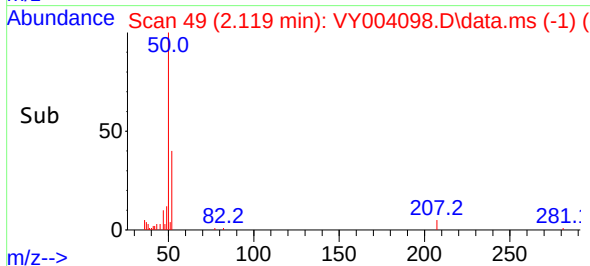
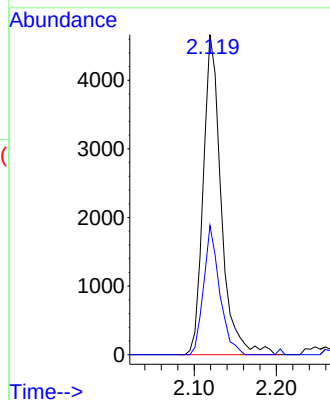
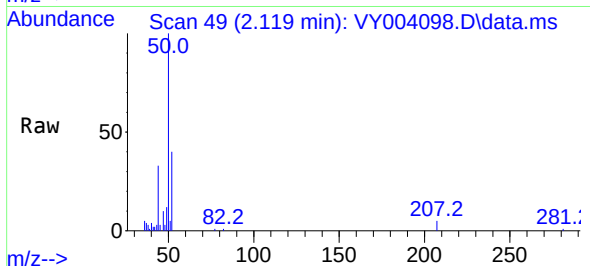
#3
Chloromethane
Concen: 2.99 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 50 Resp: 7061
Ion Ratio Lower Upper
50 100
52 40.4 25.4 38.2#

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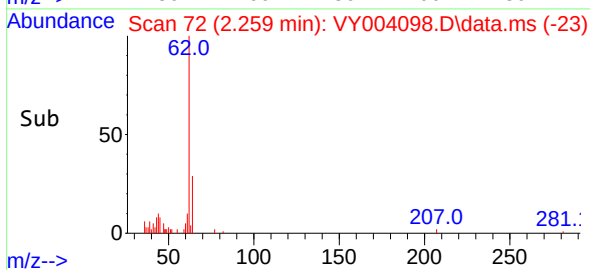
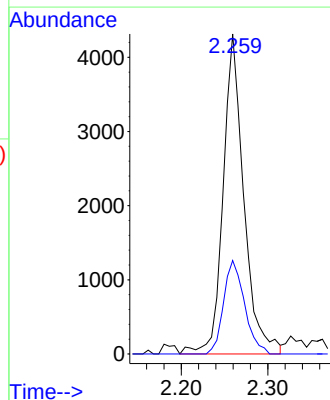
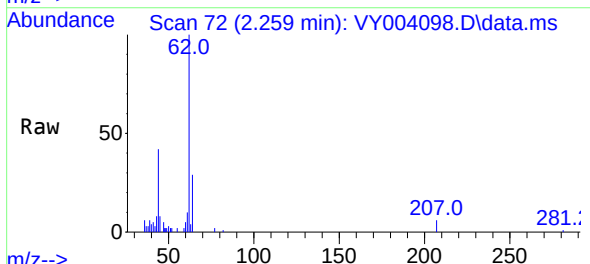
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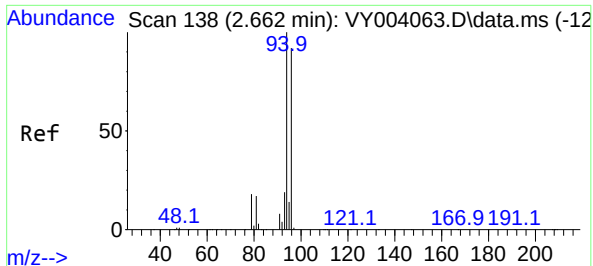
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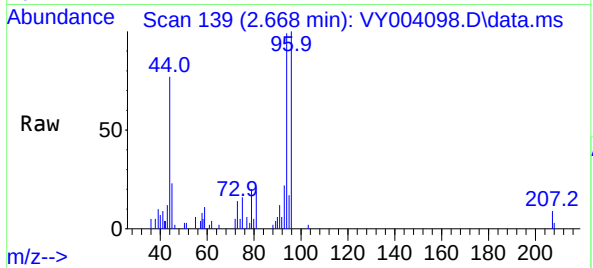
#4
Vinyl Chloride
Concen: 2.72 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 62 Resp: 7175
Ion Ratio Lower Upper
62 100
64 29.2 25.3 37.9

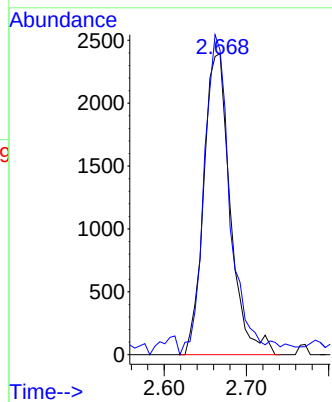
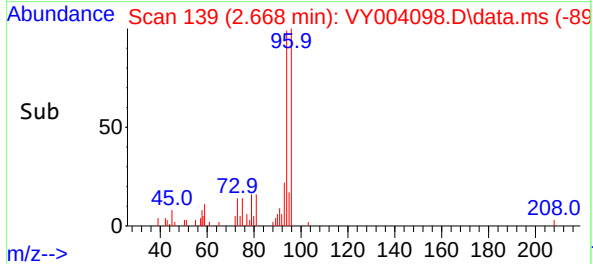




#5
Bromomethane
Concen: 3.20 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



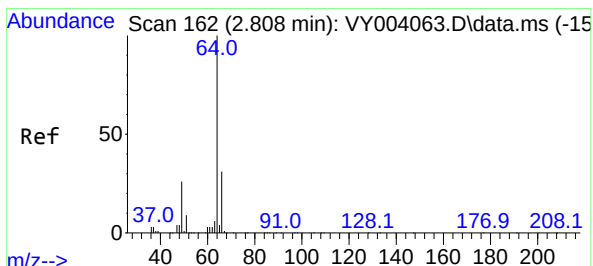
Tgt Ion: 94 Resp: 5388
Ion Ratio Lower Upper
94 100
96 101.2 77.4 116.2



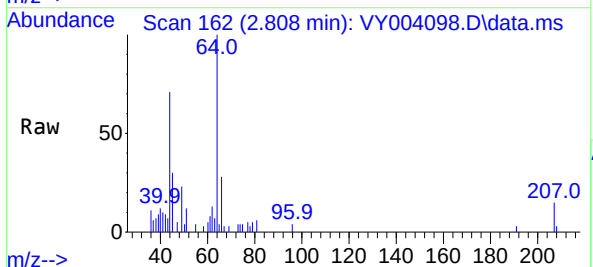
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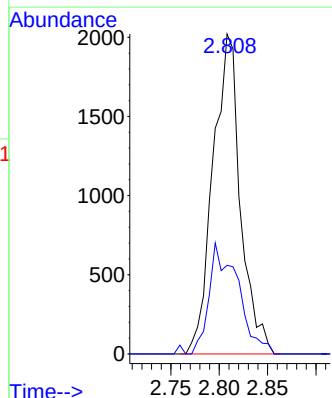
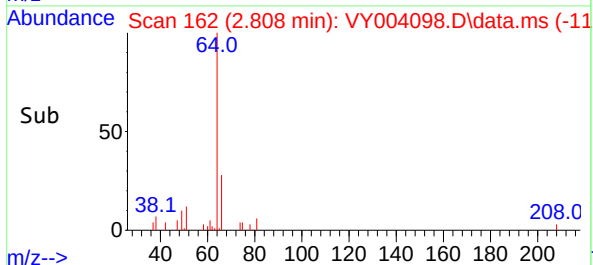
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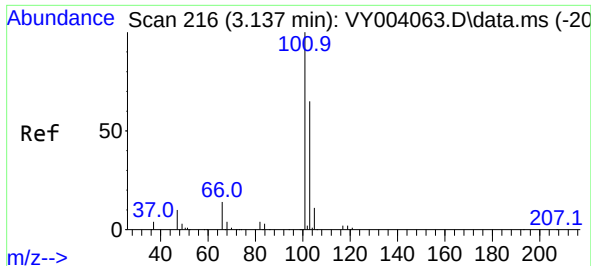


#6
Chloroethane
Concen: 2.48 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



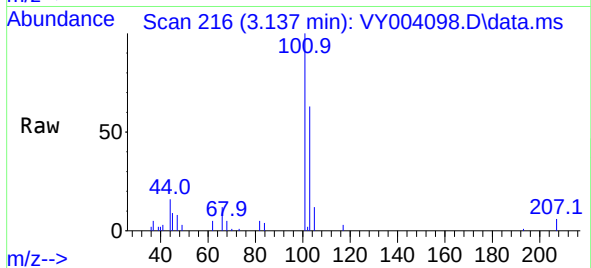
Tgt Ion: 64 Resp: 3989
Ion Ratio Lower Upper
64 100
66 27.7 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 2.47 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY004098.D
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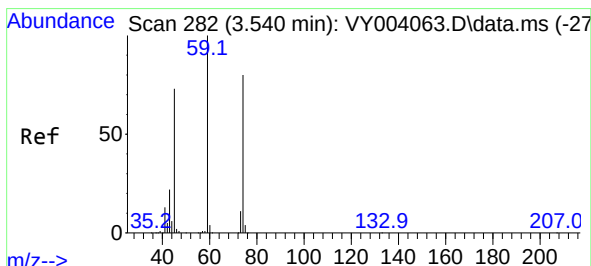
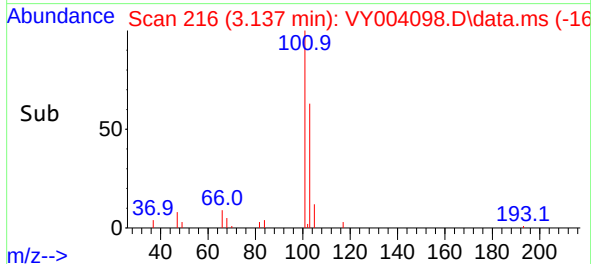
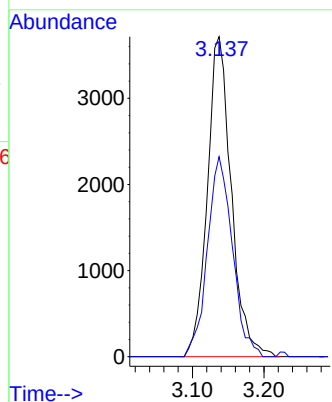
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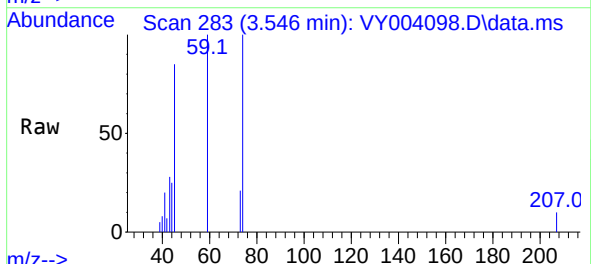
Tgt Ion:101 Resp: 8645
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.2 78.2

Manual Integrations
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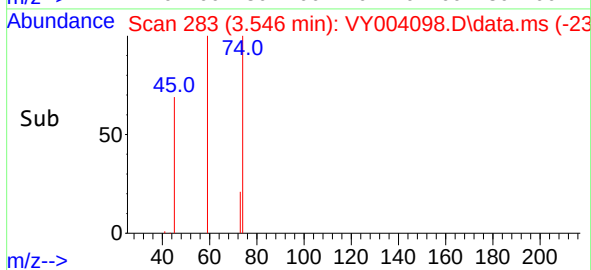
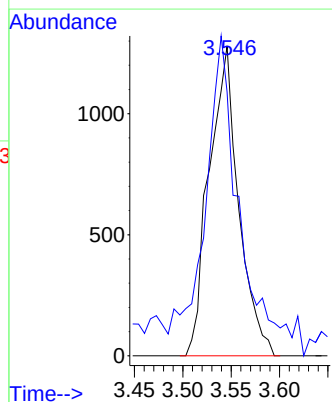
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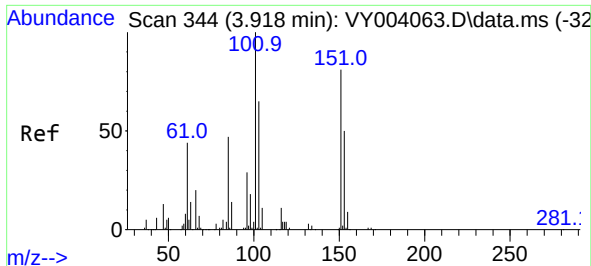


#8
 Diethyl Ether
 Concen: 2.42 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14



Tgt Ion: 74 Resp: 2719
 Ion Ratio Lower Upper
 74 100
 45 123.0 52.6 157.8





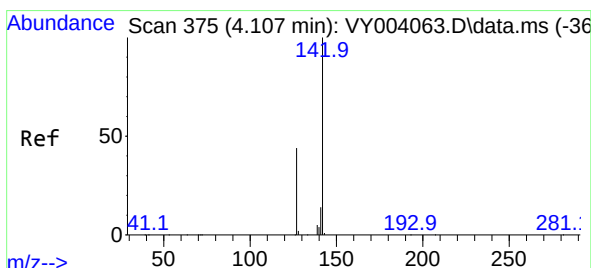
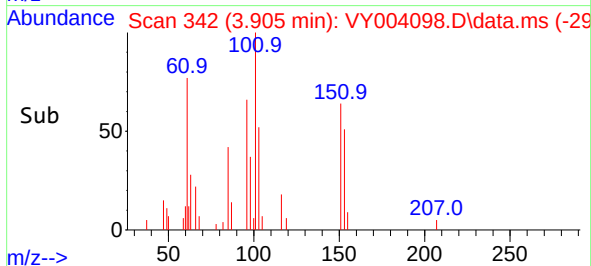
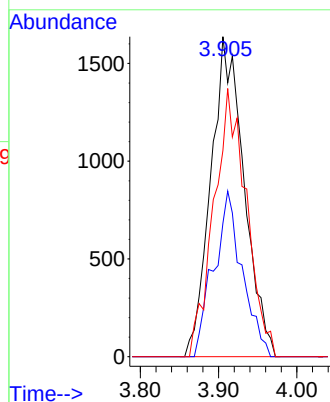
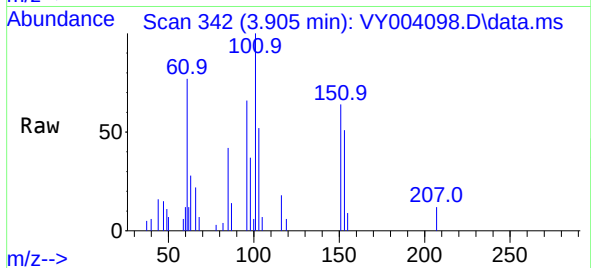
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1,1,2-Trichlorotrifluoroethane
Concen: 2.46 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.013 min
Lab File: VY004098.D
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Tgt Ion:101 Resp: 4819
Ion Ratio Lower Upper
101 100
85 44.4 36.1 54.1
151 82.3 66.9 100.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

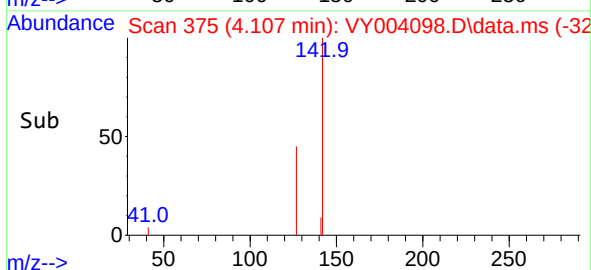
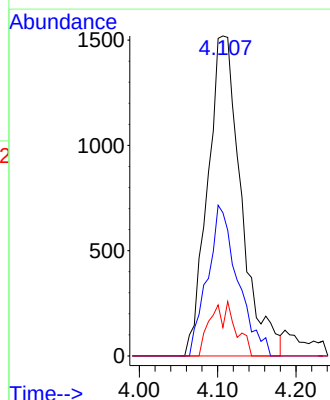
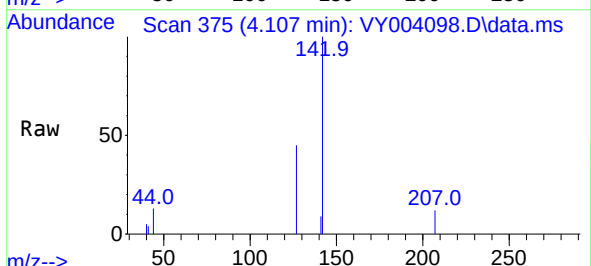
Manual Integrations
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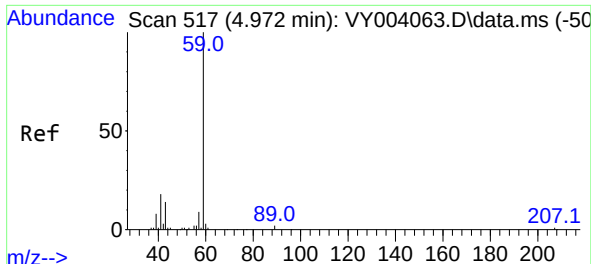
MMDadoda
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#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

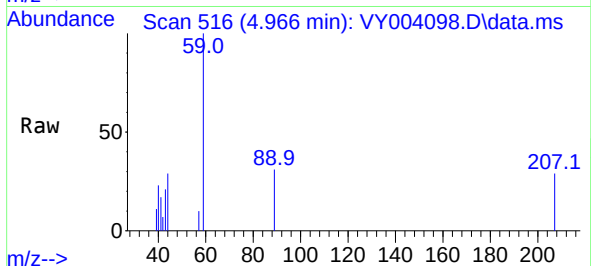
Tgt Ion:142 Resp: 4523
Ion Ratio Lower Upper
142 100
127 42.5 35.4 53.0
141 6.8 11.5 17.3#





#11
Tert butyl alcohol
Concen: 14.63 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

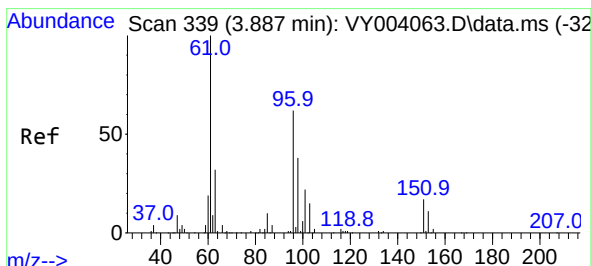
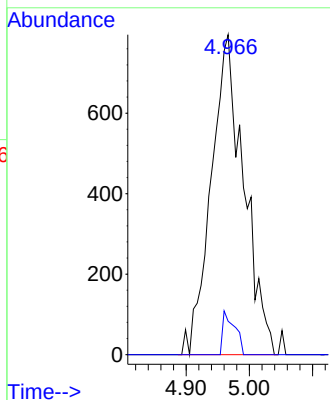
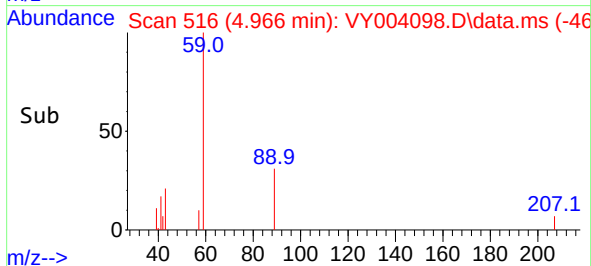
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



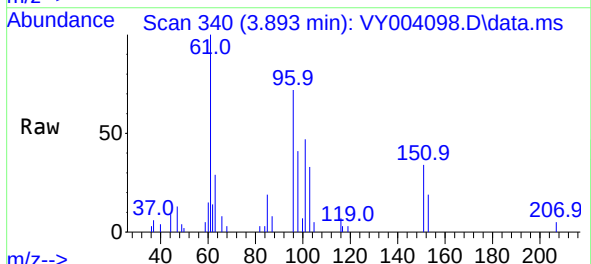
Tgt Ion: 59 Resp: 2848
Ion Ratio Lower Upper
59 100
57 5.0 6.9 10.3#

Manual Integrations
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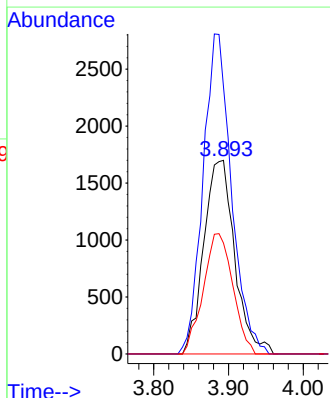
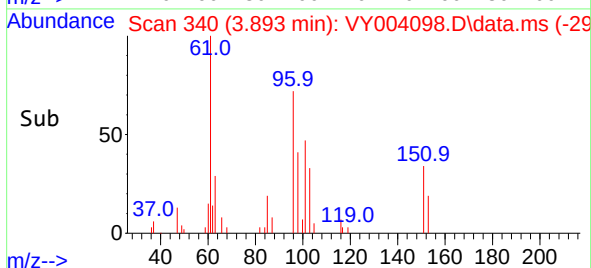
MMDadoda
3/18/2021 2:18:47 PM

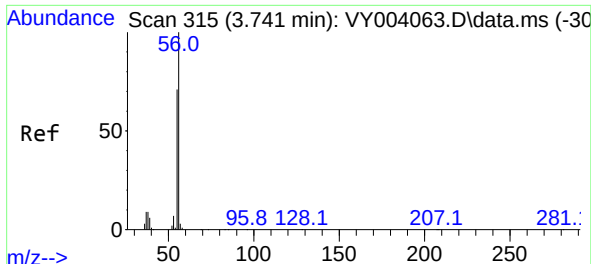


#12
1,1-Dichloroethene
Concen: 2.55 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



Tgt Ion: 96 Resp: 4888
Ion Ratio Lower Upper
96 100
61 138.0 130.7 196.1
98 57.3 48.9 73.3





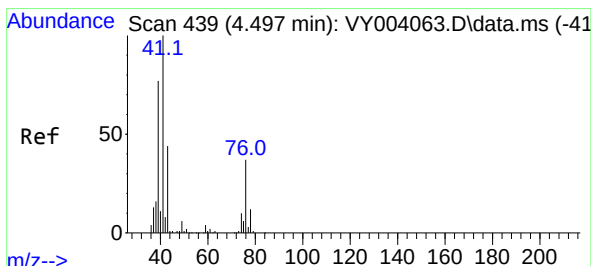
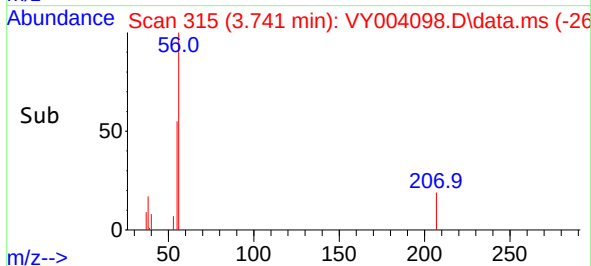
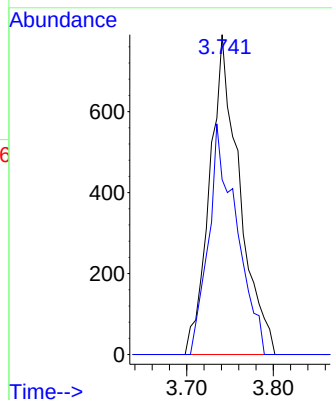
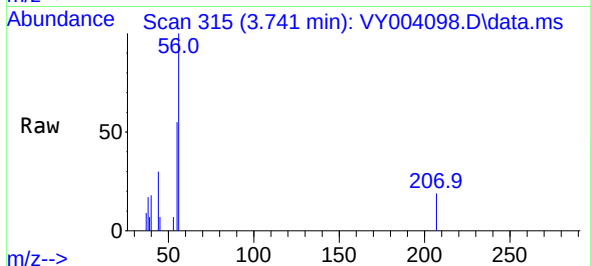
#13
Acrolein
Concen: 9.79 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 56 Resp: 1890
Ion Ratio Lower Upper
56 100
55 67.7 55.4 83.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

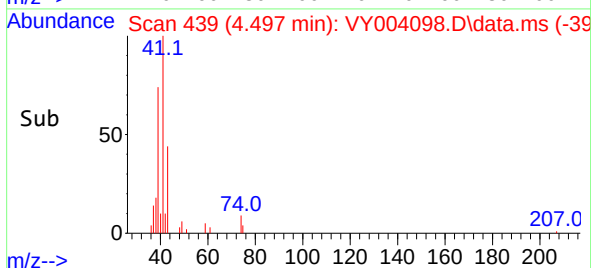
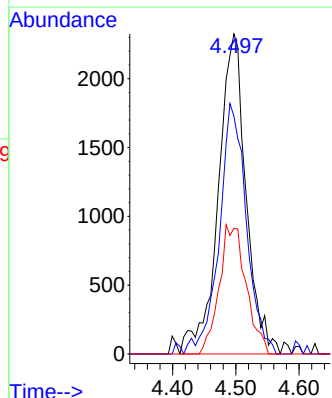
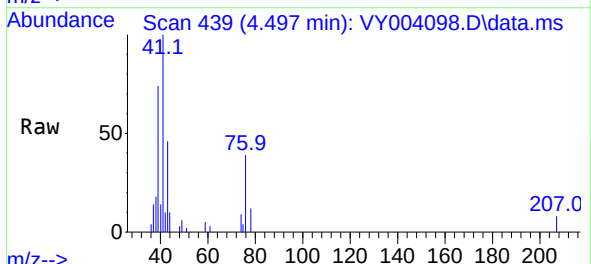
Manual Integrations
APPROVED

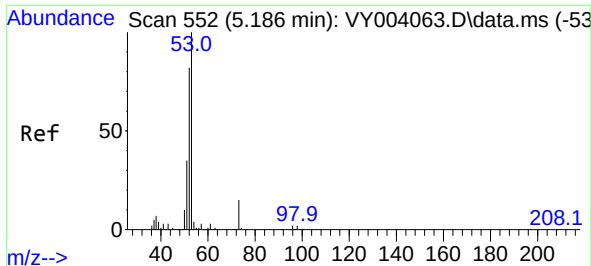
MMDadoda
3/18/2021 2:18:47 PM



#14
Allyl chloride
Concen: 2.24 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

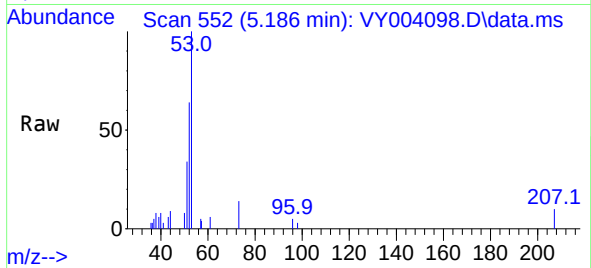
Tgt Ion: 41 Resp: 7109
Ion Ratio Lower Upper
41 100
39 76.0 54.0 81.0
76 38.8 26.1 39.1





#15
Acrylonitrile
Concen: 11.22 ug/l
RT: 5.186 min Scan# 552
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

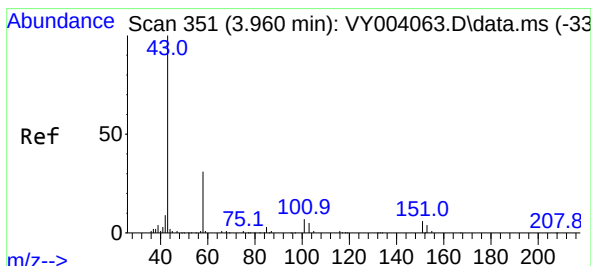
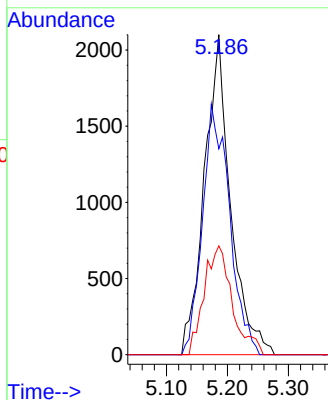
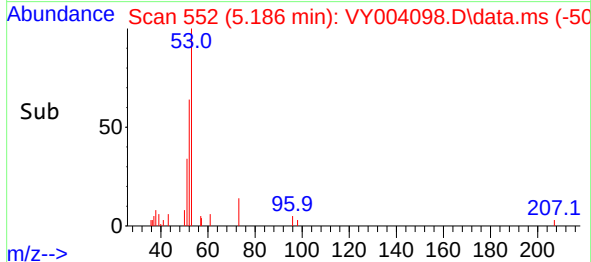
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



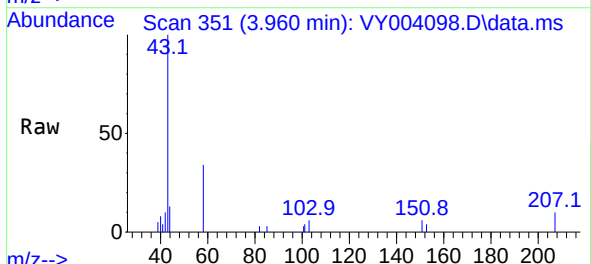
Tgt Ion: 53 Resp: 6265
Ion Ratio Lower Upper
53 100
52 81.2 66.2 99.4
51 36.6 29.5 44.3

Manual Integrations
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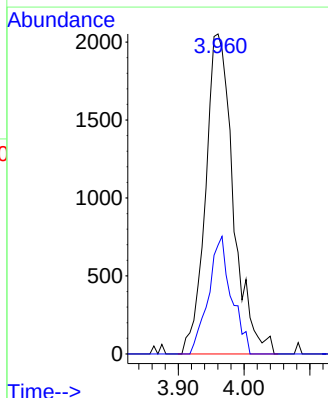
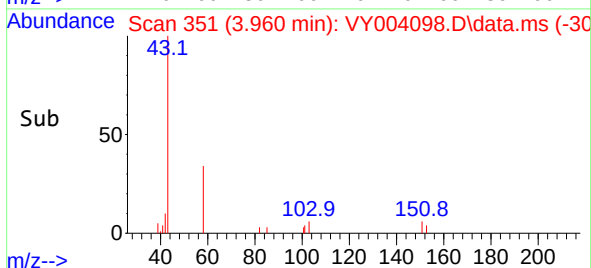
MMDadoda
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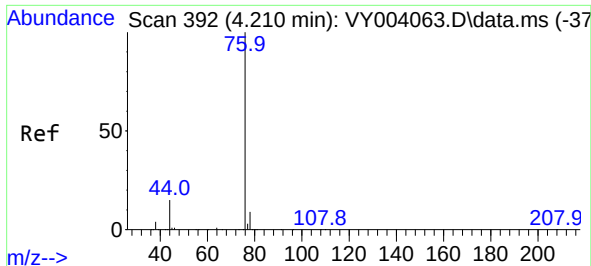


#16
Acetone
Concen: 11.58 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



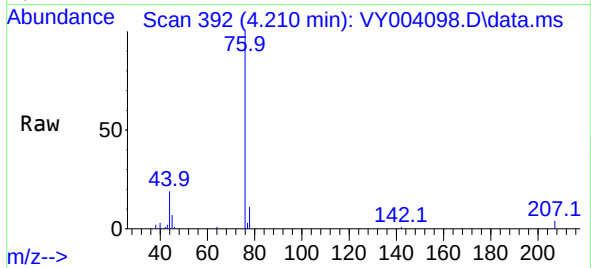
Tgt Ion: 43 Resp: 6020
Ion Ratio Lower Upper
43 100
58 34.0 22.6 34.0#





#17
Carbon Disulfide
Concen: 2.37 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

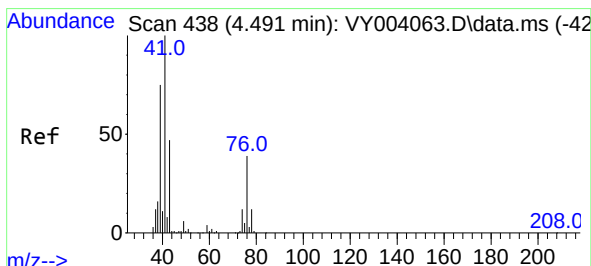
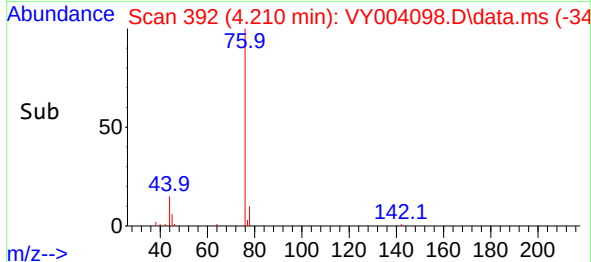
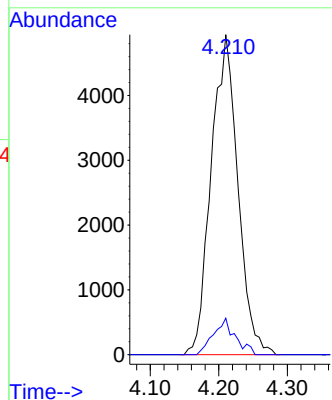
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 76 Resp: 13358
Ion Ratio Lower Upper
76 100
78 11.4 6.8 10.2#

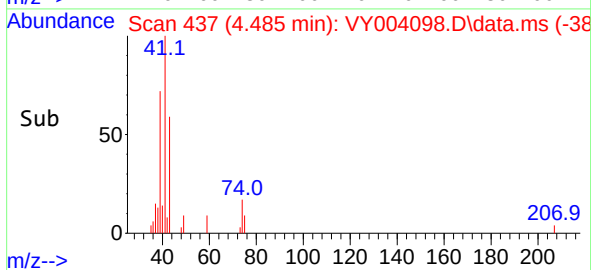
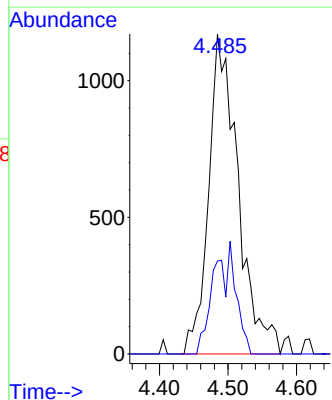
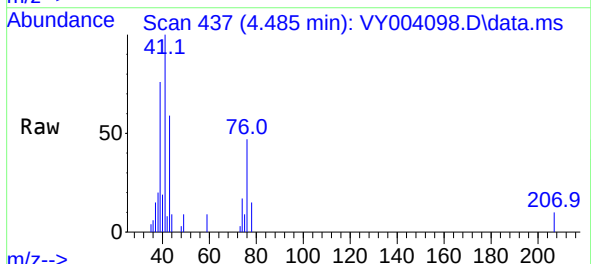
Manual Integrations
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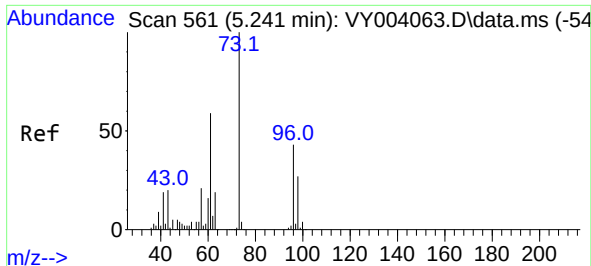
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#18
Methyl Acetate
Concen: 2.73 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 43 Resp: 3501
Ion Ratio Lower Upper
43 100
74 16.0 17.6 26.4#





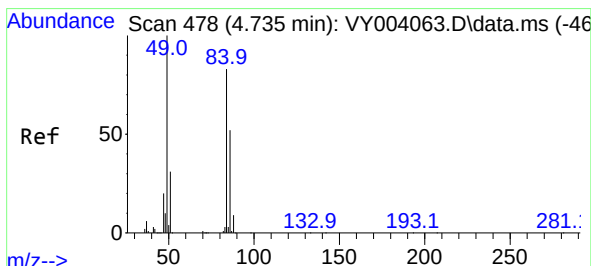
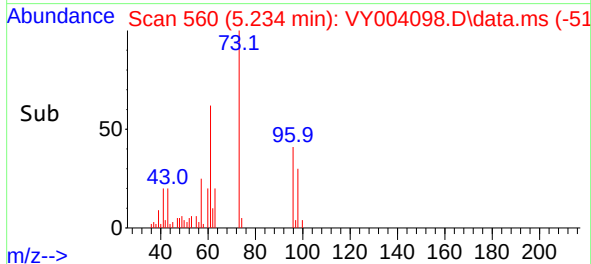
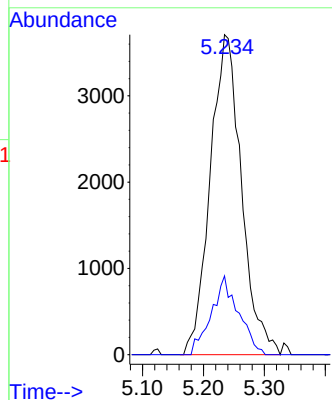
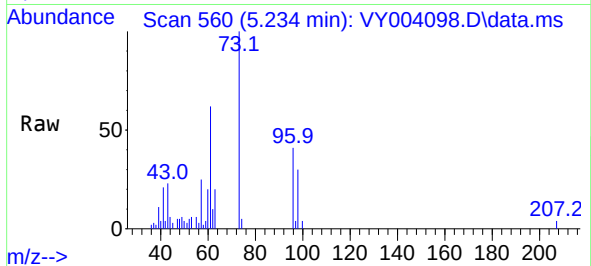
#19
Methyl tert-butyl Ether
Concen: 2.42 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.007 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 73 Resp: 13209
Ion Ratio Lower Upper
73 100
57 24.6 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

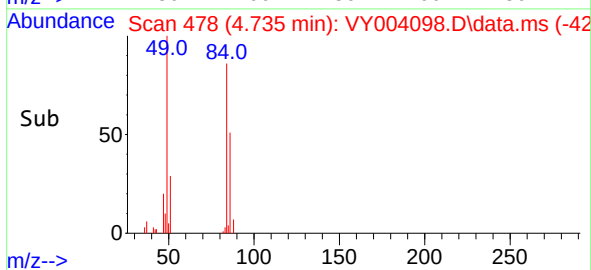
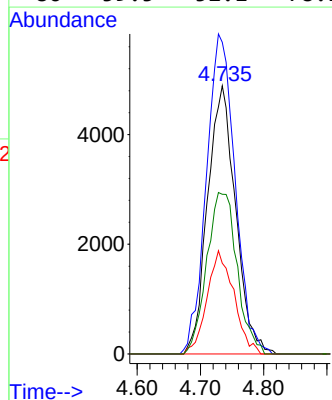
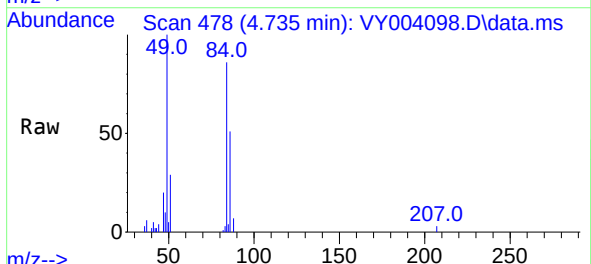
Manual Integrations
APPROVED

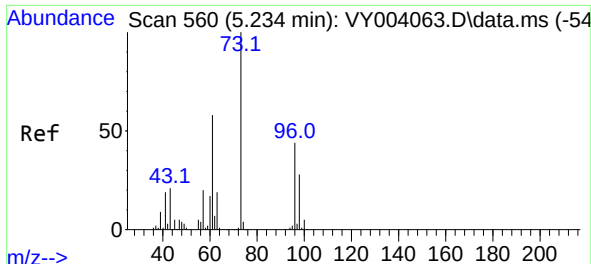
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#20
Methylene Chloride
Concen: 6.00 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 84 Resp: 15050
Ion Ratio Lower Upper
84 100
49 116.2 105.8 158.6
51 33.8 32.6 48.8
86 59.5 52.1 78.1





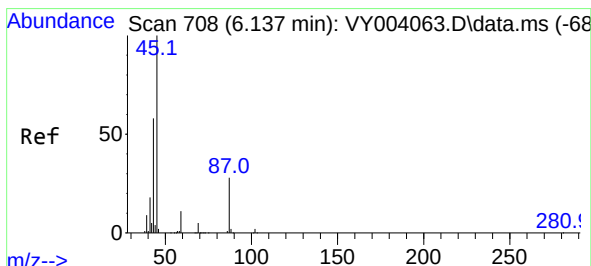
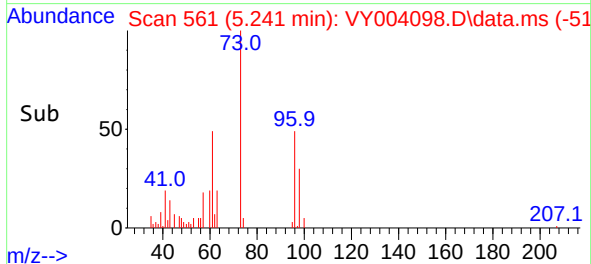
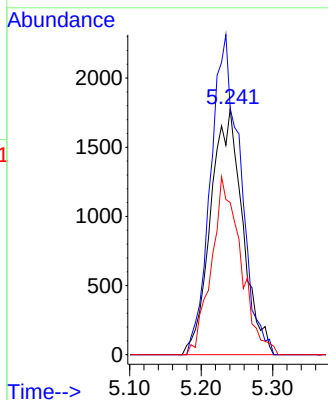
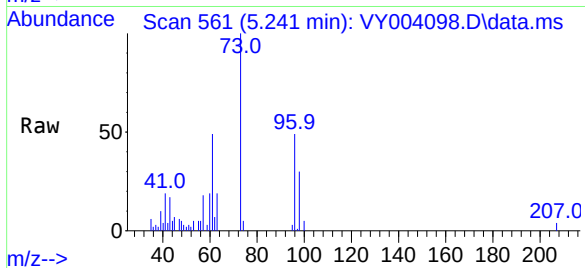
#21
trans-1,2-Dichloroethene
Concen: 2.55 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.007 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 96 Resp: 5500
Ion Ratio Lower Upper
96 100
61 100.1 110.8 166.2#
98 61.9 51.0 76.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

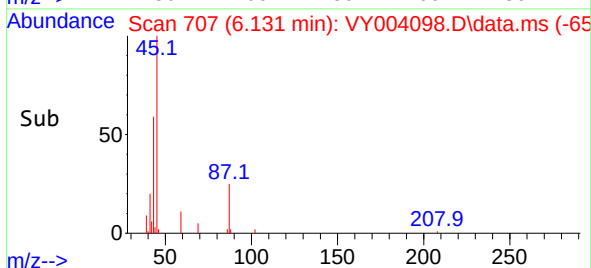
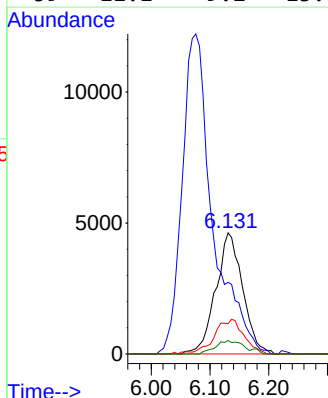
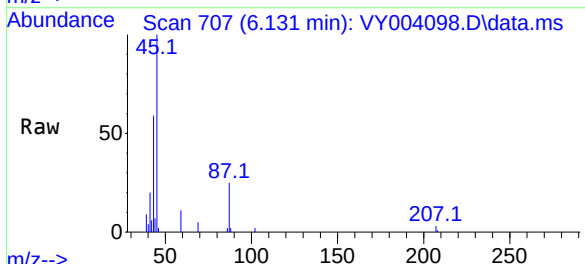
Manual Integrations
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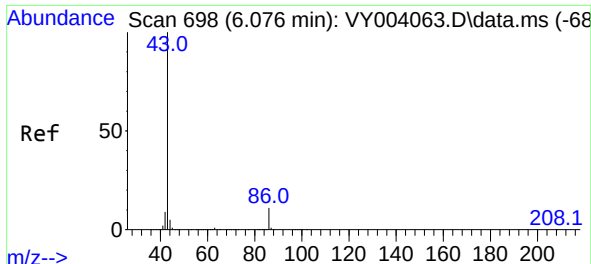
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3/18/2021 2:18:47 PM



#22
Diisopropyl ether
Concen: 2.19 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

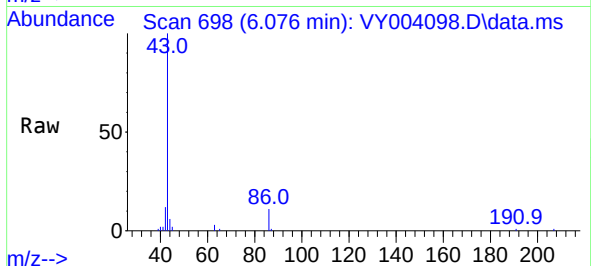
Tgt Ion: 45 Resp: 14700
Ion Ratio Lower Upper
45 100
43 59.2 45.1 67.7
87 25.1 21.0 31.4
59 11.1 9.2 13.8





#23
 Vinyl Acetate
 Concen: 10.00 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14

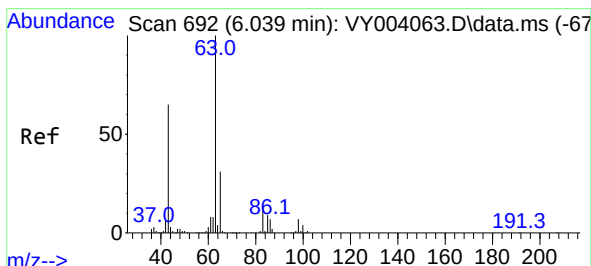
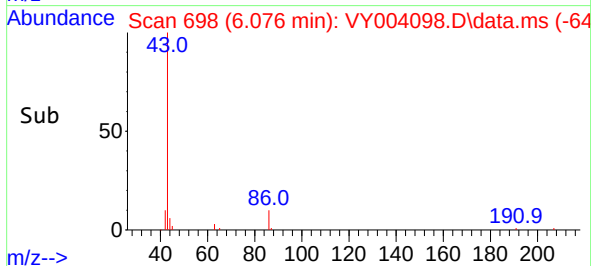
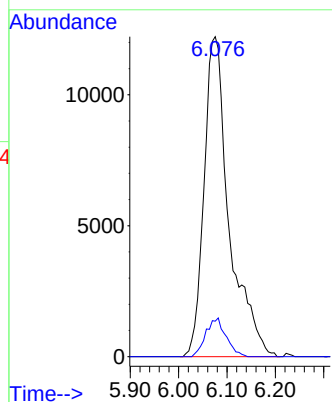
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



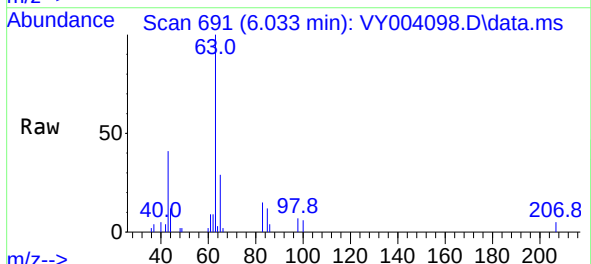
Tgt Ion: 43 Resp: 44114
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.6

Manual Integrations
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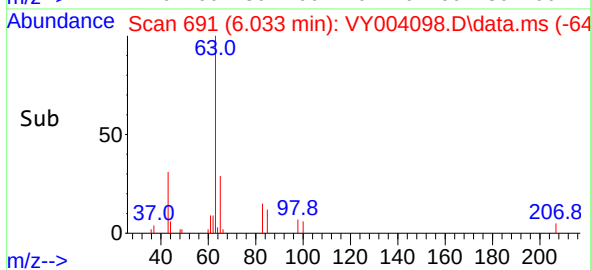
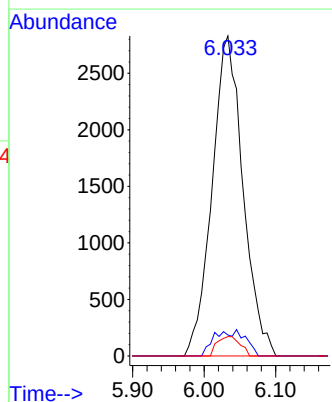
MMDadoda
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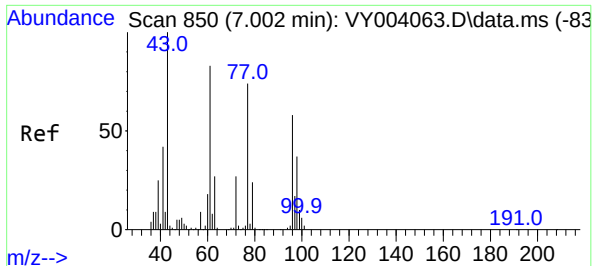


#24
 1,1-Dichloroethane
 Concen: 2.29 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14



Tgt Ion: 63 Resp: 8500
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 6.0 2.3 6.9





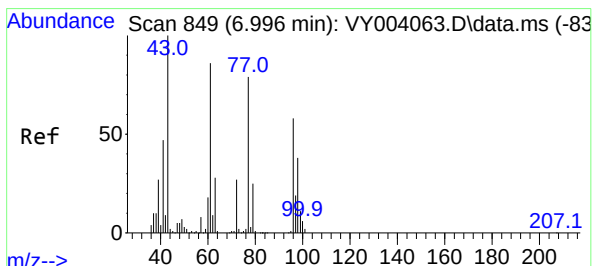
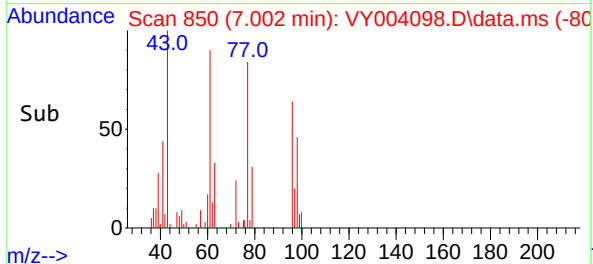
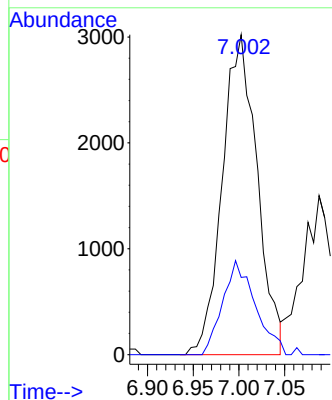
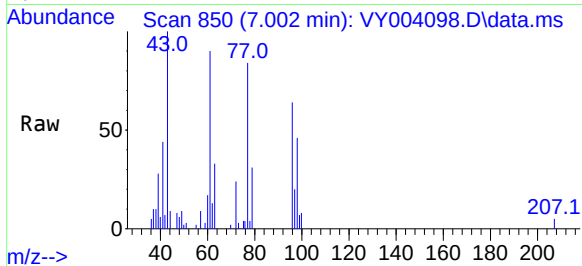
#25
2-Butanone
Concen: 10.67 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 43 Resp: 7997
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

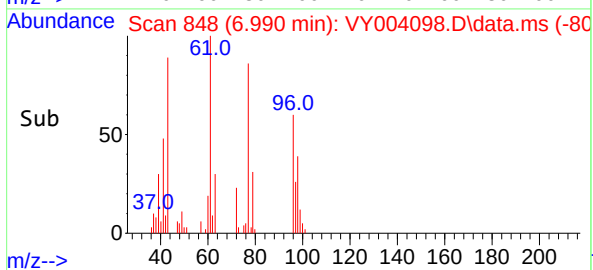
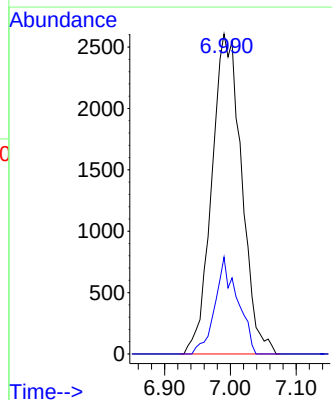
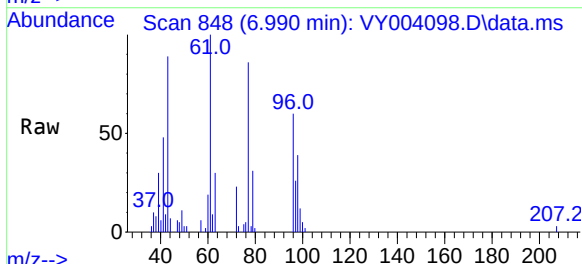
Manual Integrations
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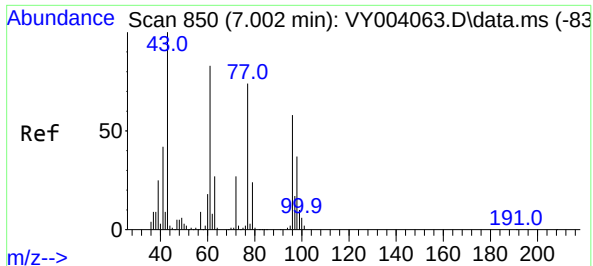
MMDadoda
3/18/2021 2:18:47 PM



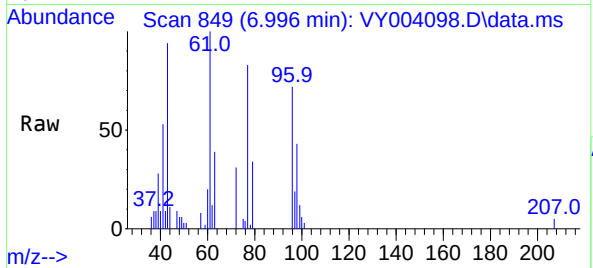
#26
2,2-Dichloropropane
Concen: 2.31 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 77 Resp: 8209
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1



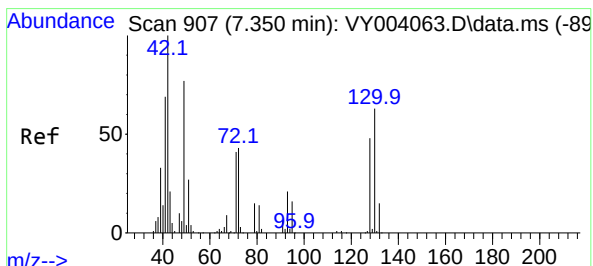
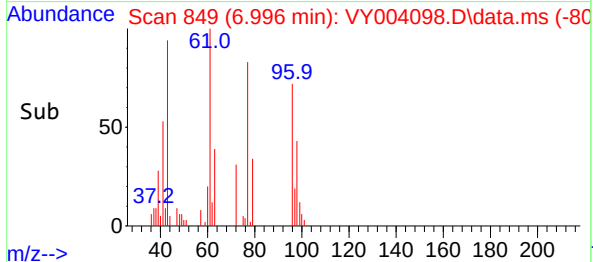
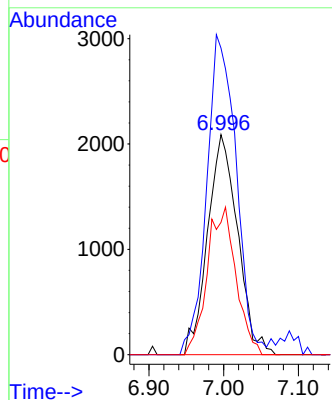


#27
 cis-1,2-Dichloroethene
 Concen: 2.38 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14

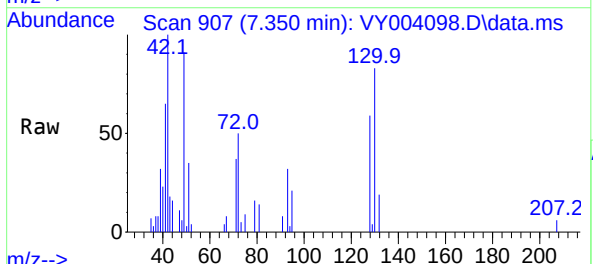


Tgt Ion: 96 Resp: 5833

Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	303.6
98	64.2	0.0	130.6

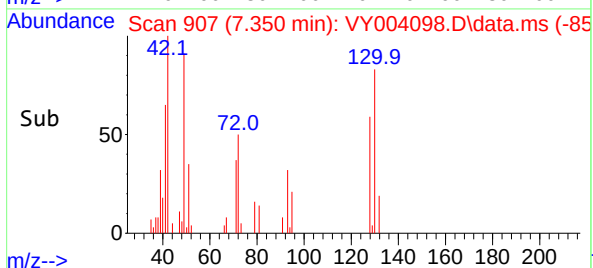
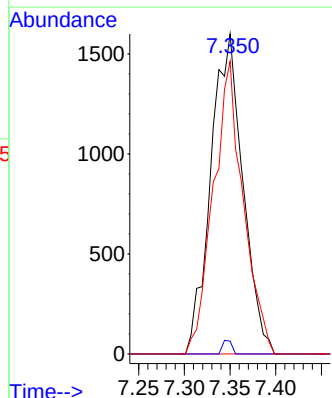


#28
 Bromochloromethane
 Concen: 2.41 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14



Tgt Ion: 49 Resp: 3911

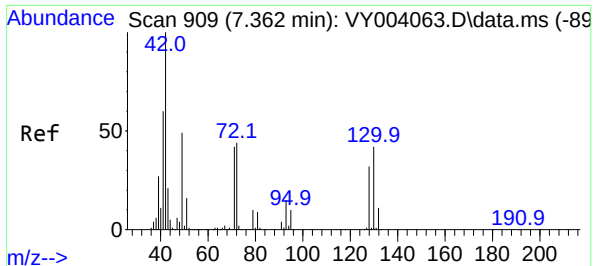
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	85.3	59.0	88.4



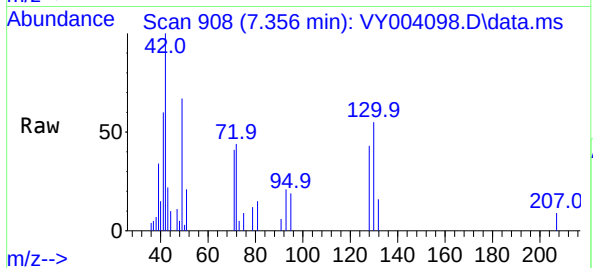
Instrument :
 MSVOA_Y
 ClientSampleId :
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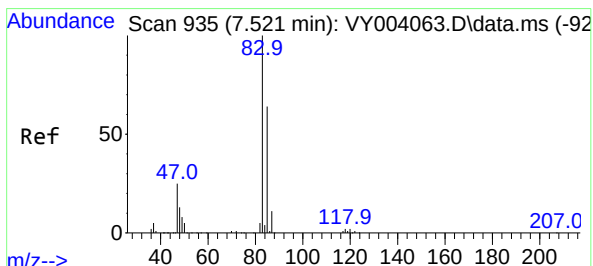
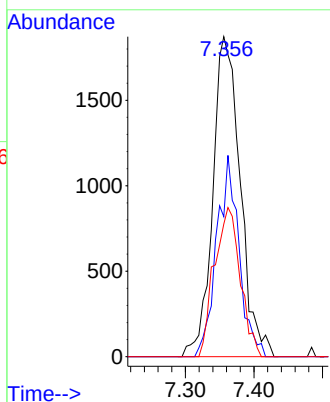
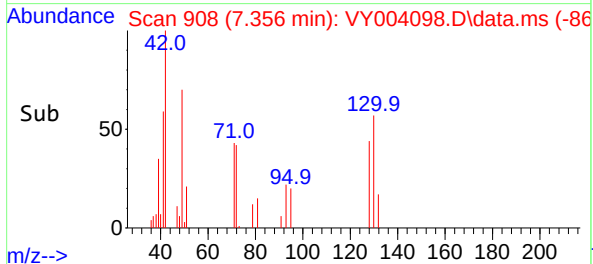
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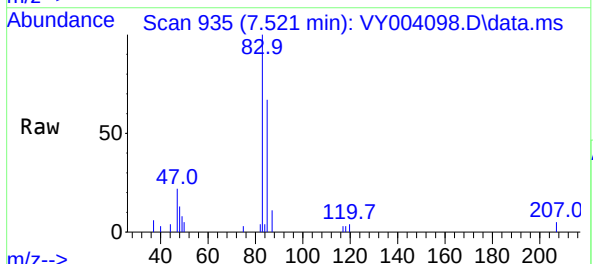
#29
Tetrahydrofuran
Concen: 10.69 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



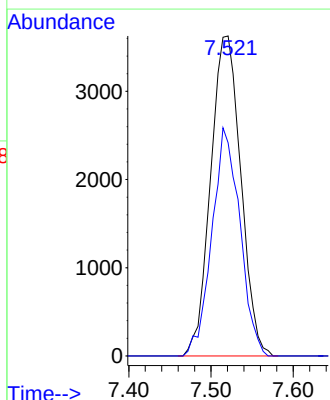
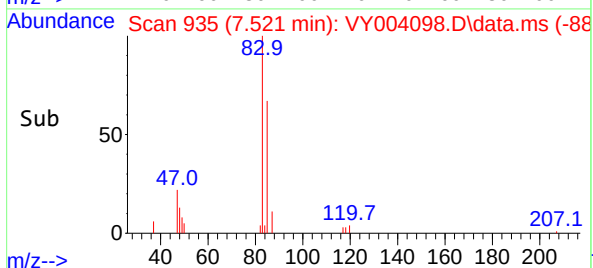
Tgt Ion: 42 Resp: 5204
Ion Ratio Lower Upper
42 100
72 51.0 32.6 48.8#
71 43.8 31.0 46.6



#30
Chloroform
Concen: 2.41 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



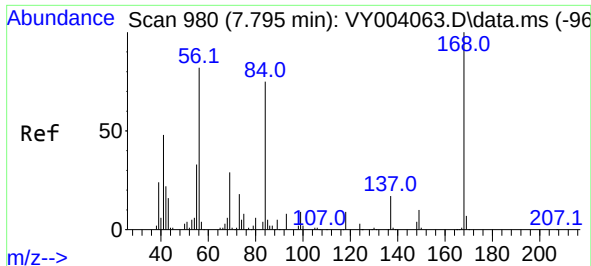
Tgt Ion: 83 Resp: 9270
Ion Ratio Lower Upper
83 100
85 66.6 51.0 76.6



Instrument :
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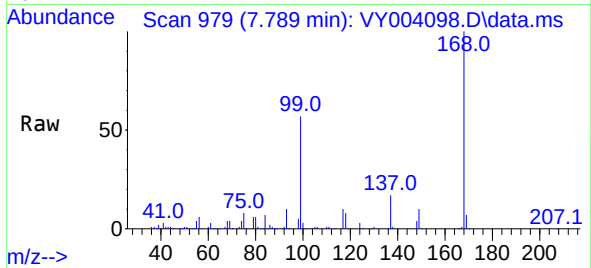
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#31
Cyclohexane
Concen: 3.26 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

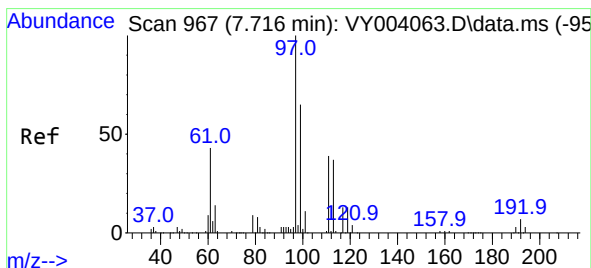
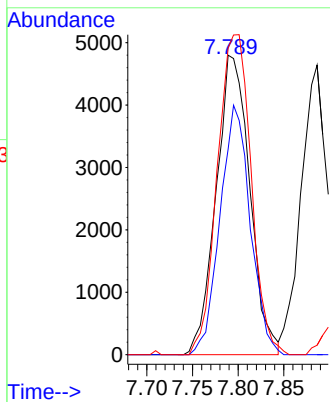
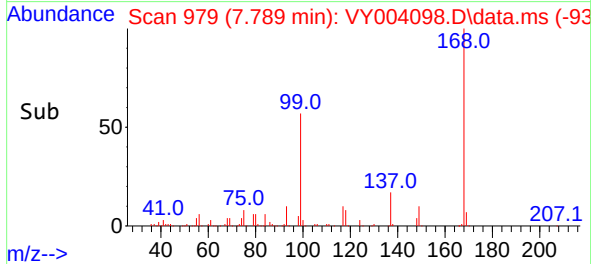
Instrument :
MSVOA_Y
ClientSampleId :
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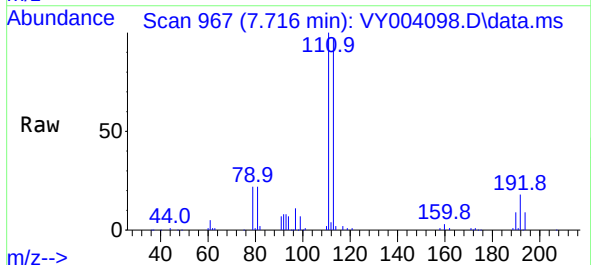
Tgt Ion: 56 Resp: 12299
Ion Ratio Lower Upper
56 100
69 68.5 25.3 37.9#
84 102.4 67.3 100.9#

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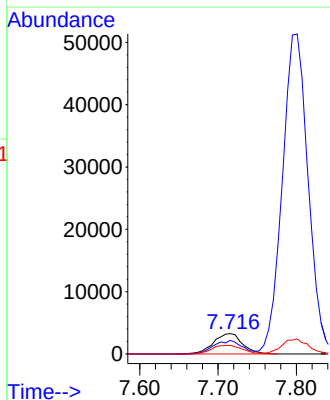
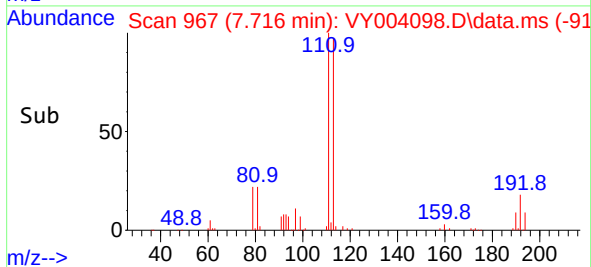
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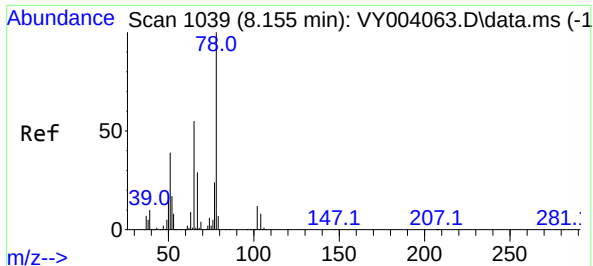


#32
1,1,1-Trichloroethane
Concen: 2.33 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



Tgt Ion: 97 Resp: 8334
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 44.7 34.5 51.7





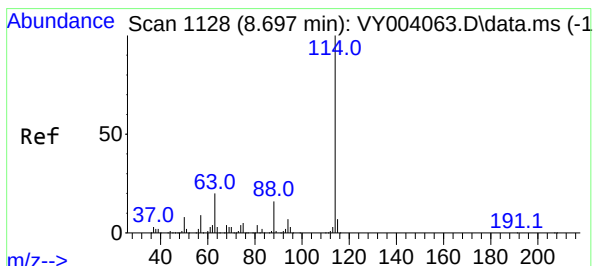
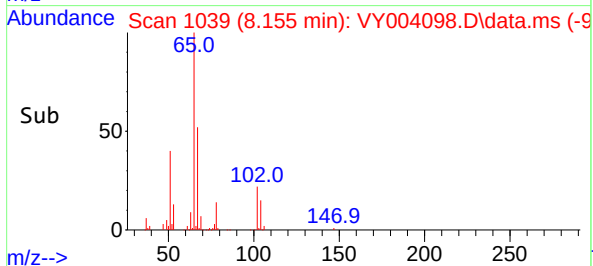
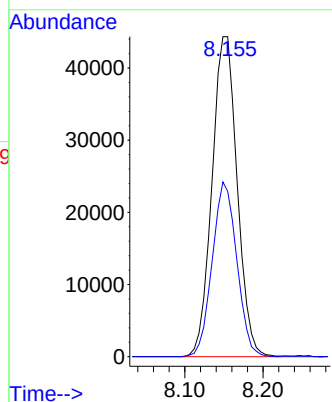
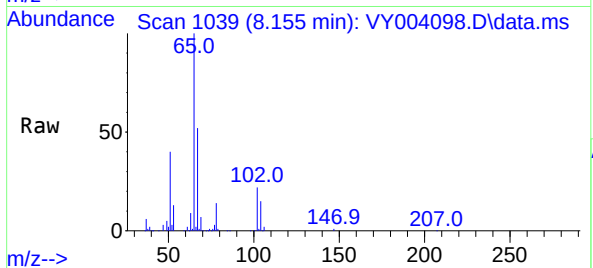
#33
1,2-Dichloroethane-d4
Concen: 46.05 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 65 Resp: 99167
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4

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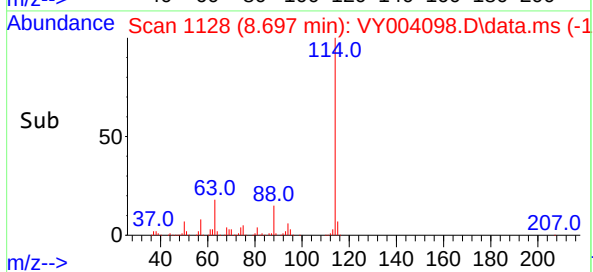
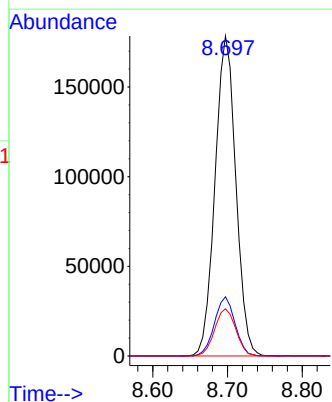
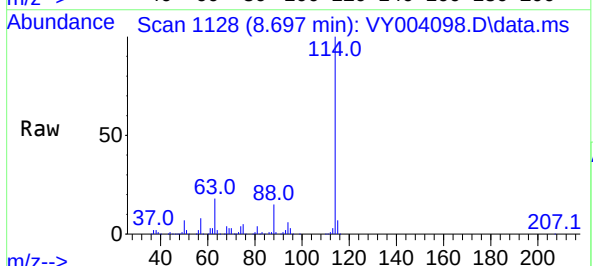
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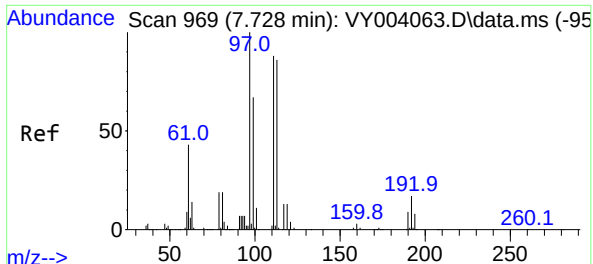
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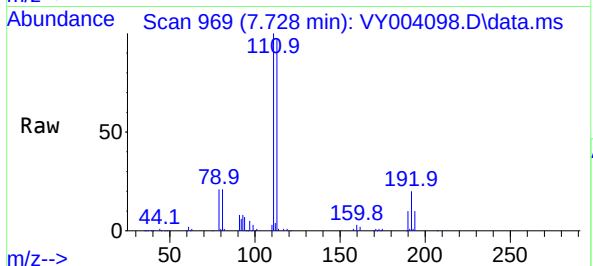
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 114 Resp: 345050
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 14.7 0.0 31.4

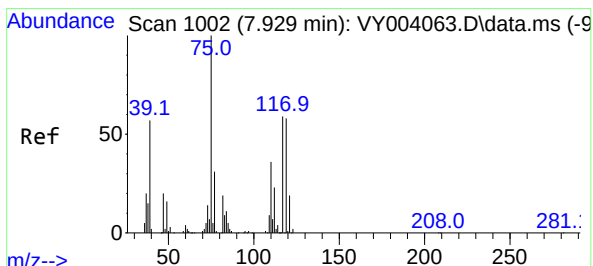
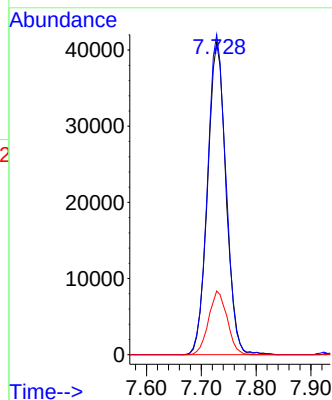
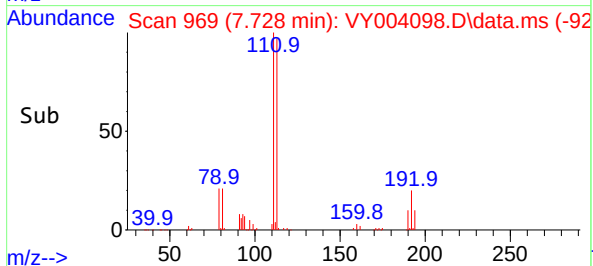




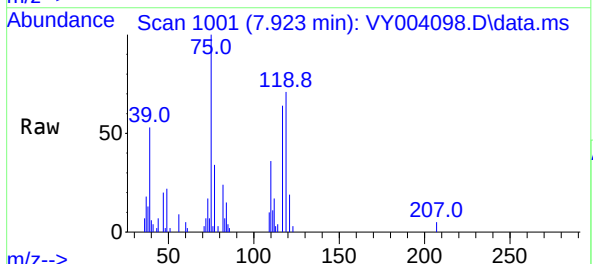
#35
Dibromofluoromethane
Concen: 49.01 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



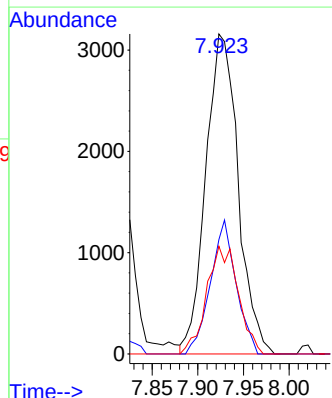
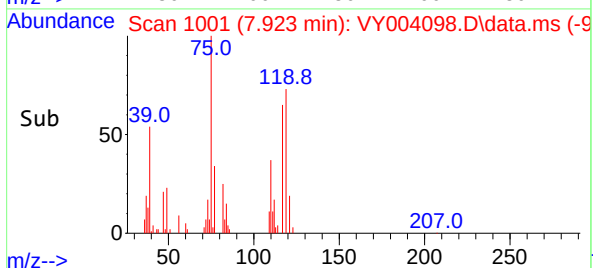
Tgt Ion:113 Resp: 95364
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 2.57 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



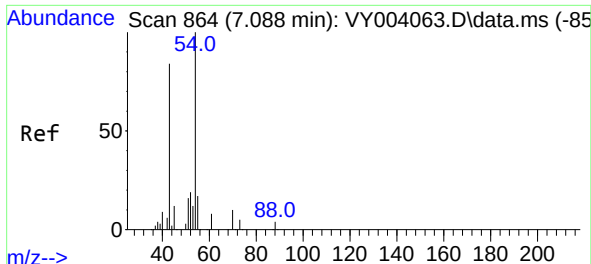
Tgt Ion: 75 Resp: 7778
Ion Ratio Lower Upper
75 100
110 33.3 17.4 52.3
77 32.9 24.5 36.7



Instrument :
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ClientSampleId :
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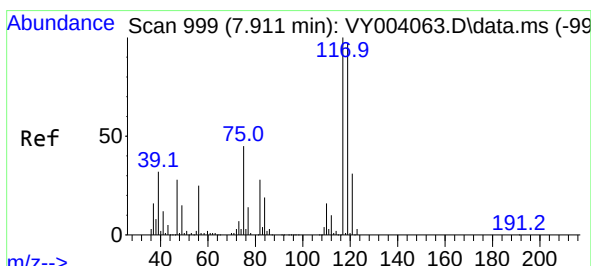
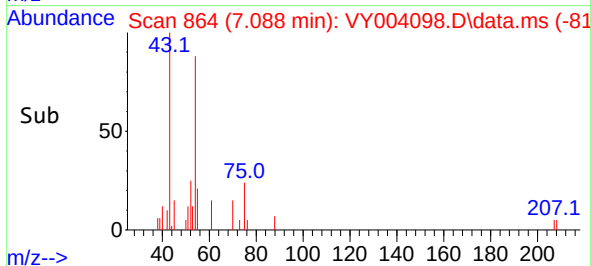
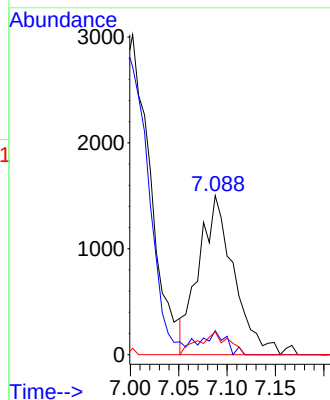
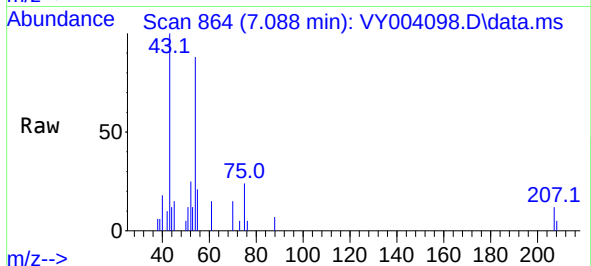
#37
Ethyl Acetate
Concen: 2.31 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion:	43	Resp:	3769
Ion	Ratio	Lower	Upper
43	100		
61	11.0	10.7	16.1
70	12.2	7.7	11.5#

Instrument :
MSVOA_Y
ClientSampleId :
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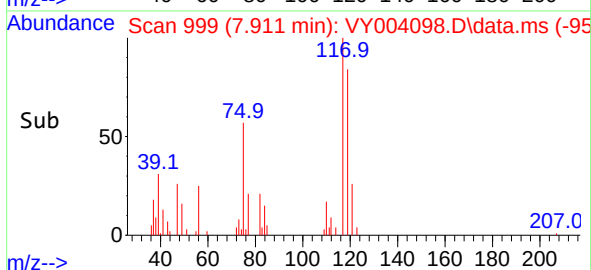
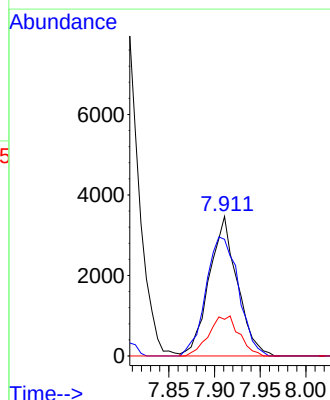
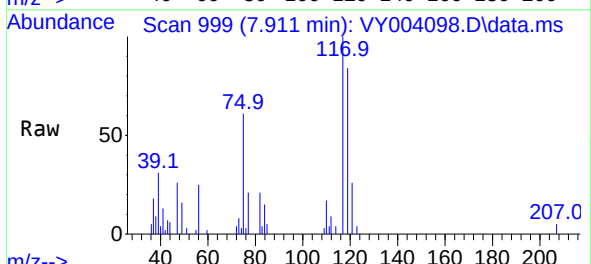
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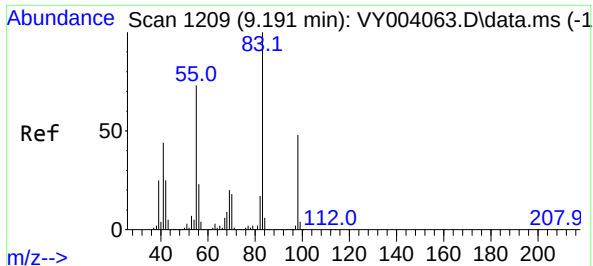
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#38
Carbon Tetrachloride
Concen: 2.31 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

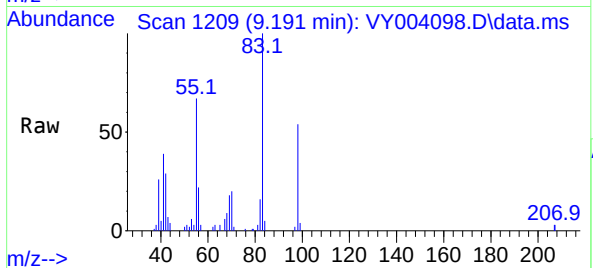
Tgt Ion:	117	Resp:	7426
Ion	Ratio	Lower	Upper
117	100		
119	83.6	75.4	113.0
121	26.3	24.2	36.2





#39
Methylcyclohexane
Concen: 2.40 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

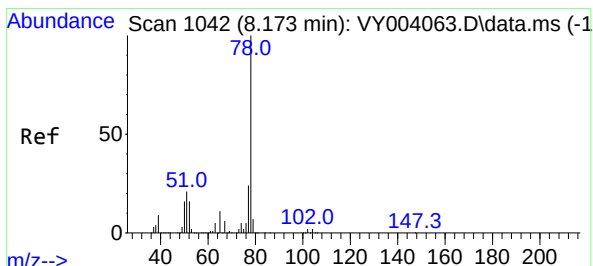
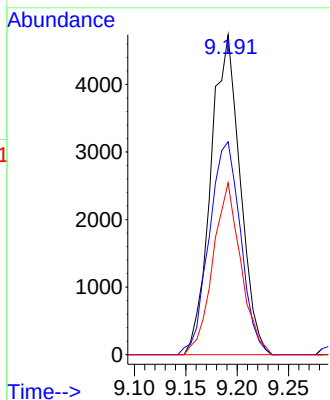
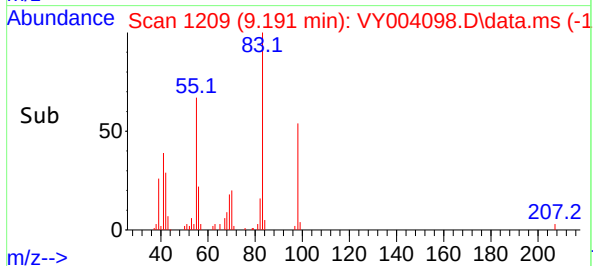
Instrument :
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ClientSampleId :
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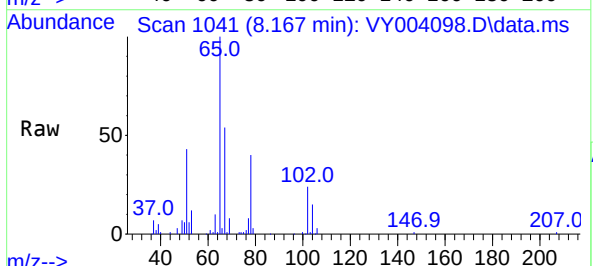
Tgt Ion: 83 Resp: 9412
Ion Ratio Lower Upper
83 100
55 66.6 65.6 98.4
98 53.7 39.5 59.3

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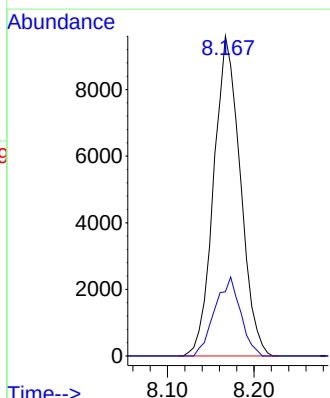
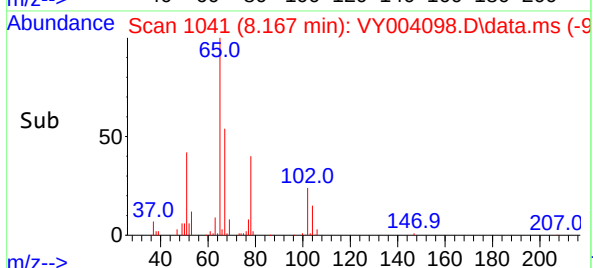
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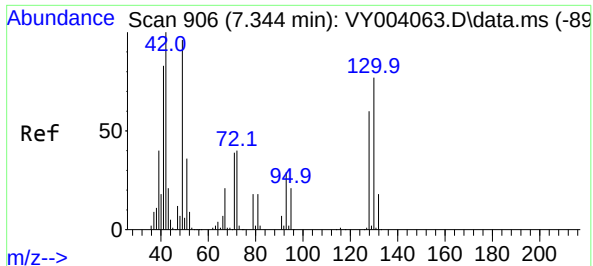


#40
Benzene
Concen: 2.39 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

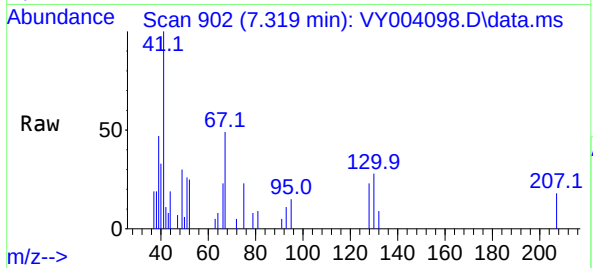


Tgt Ion: 78 Resp: 20446
Ion Ratio Lower Upper
78 100
77 20.1 20.1 30.1#

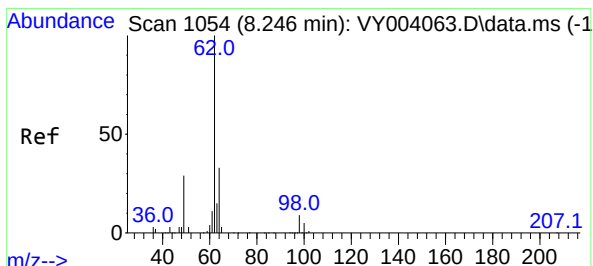
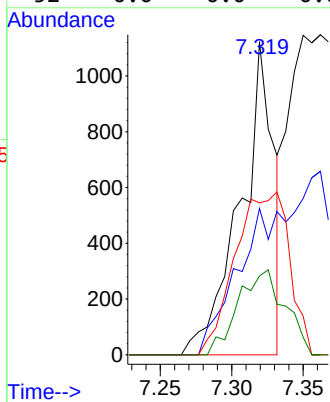
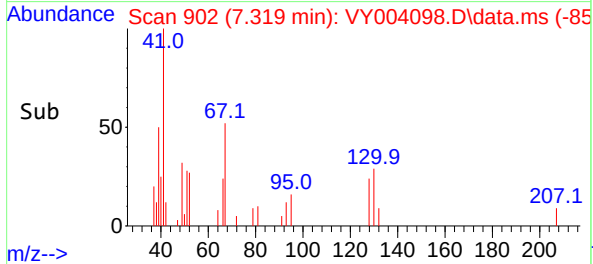




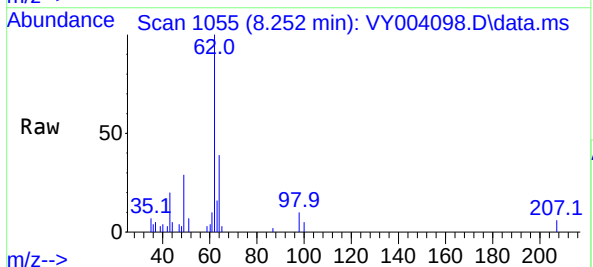
#41
Methacrylonitrile
Concen: 1.81 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. -0.025 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



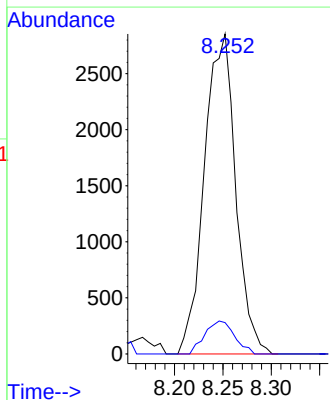
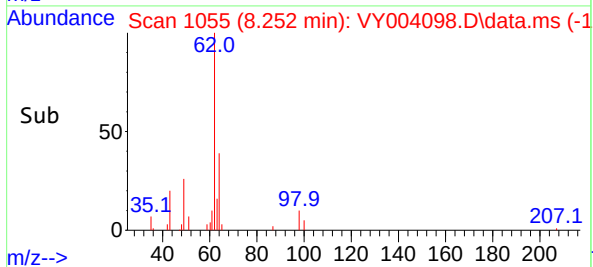
Tgt Ion: 41 Resp: 1827
Ion Ratio Lower Upper
41 100
39 153.1 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 2.46 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



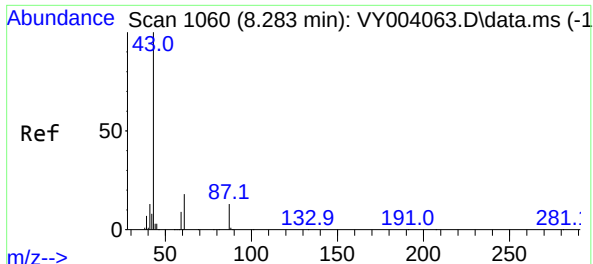
Tgt Ion: 62 Resp: 6415
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.0



Instrument :
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ClientSampleId :
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#43

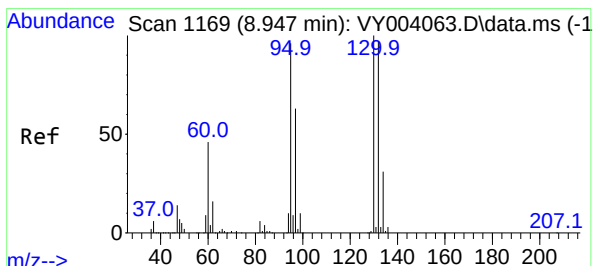
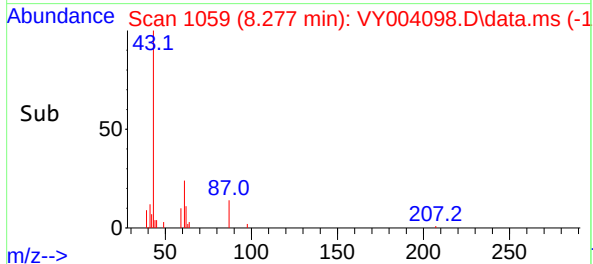
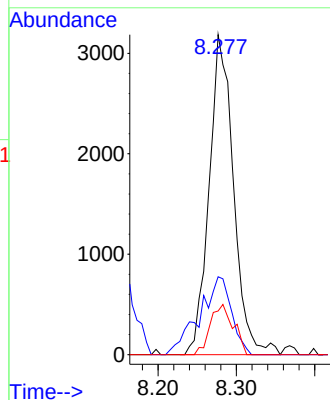
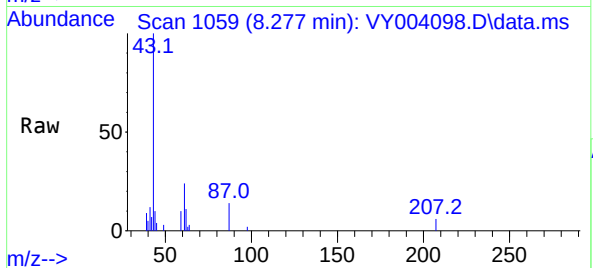
Isopropyl Acetate
Concen: 2.11 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.0	22.1	33.1
87	14.9	9.8	14.8#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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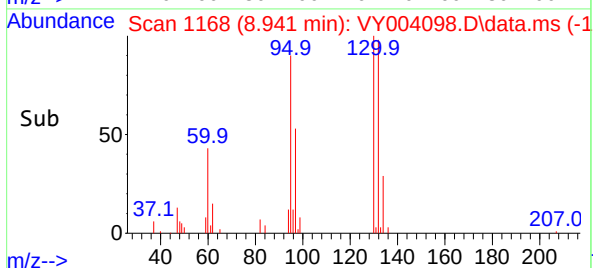
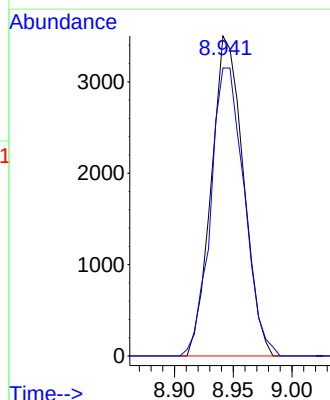
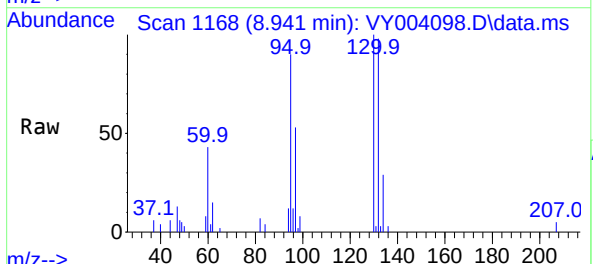
MMDadoda
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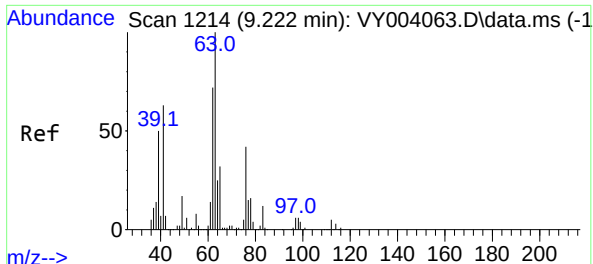


#44

Trichloroethene
Concen: 2.69 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	188.0





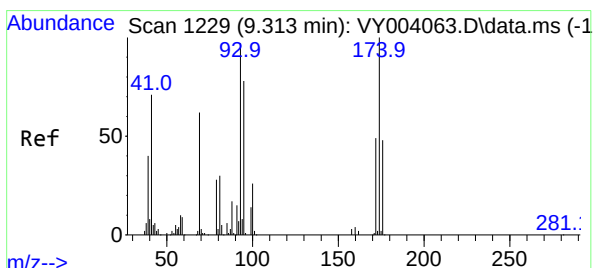
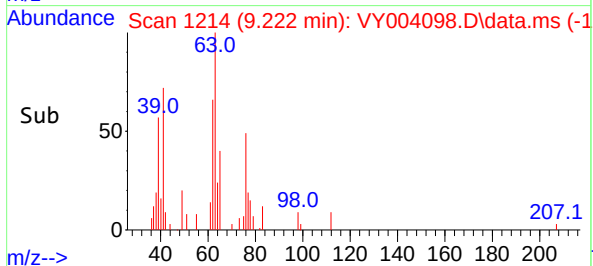
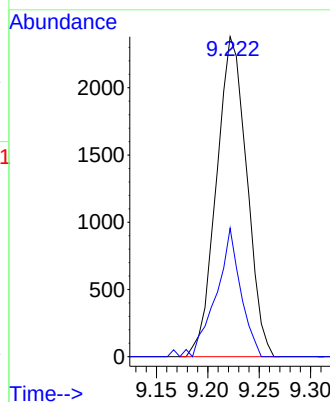
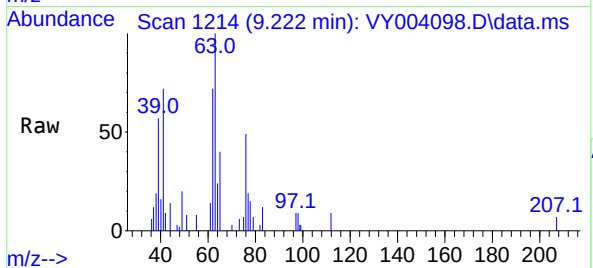
#45
1,2-Dichloropropane
Concen: 2.29 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 63 Resp: 4880
Ion Ratio Lower Upper
63 100
65 40.2 24.4 36.6#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

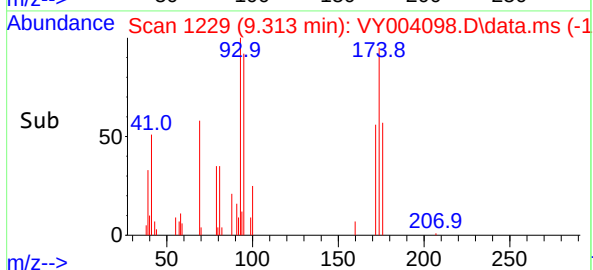
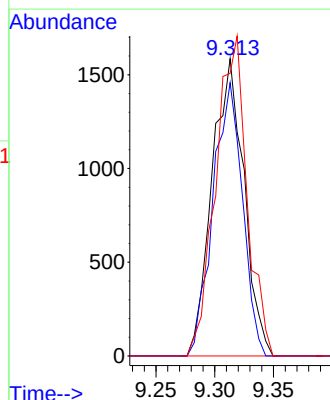
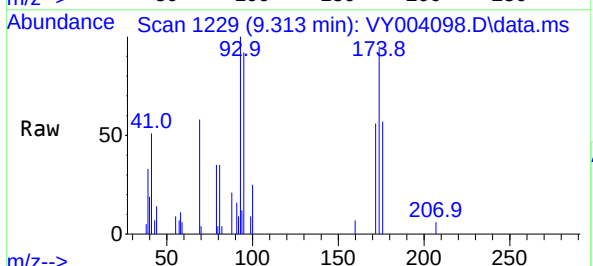
Manual Integrations
APPROVED

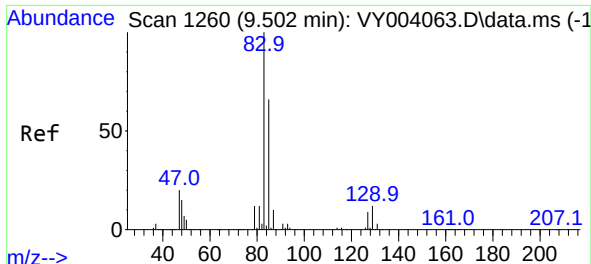
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3/18/2021 2:18:47 PM



#46
Dibromomethane
Concen: 2.45 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

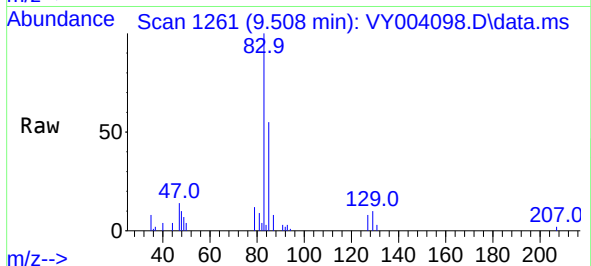
Tgt Ion: 93 Resp: 2992
Ion Ratio Lower Upper
93 100
95 84.8 66.3 99.5
174 105.6 88.1 132.1





#47
Bromodichloromethane
Concen: 2.30 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

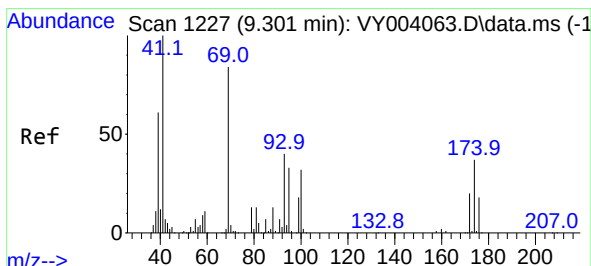
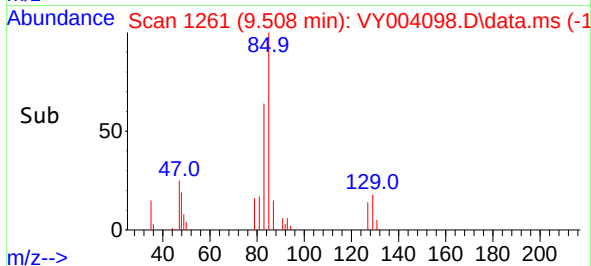
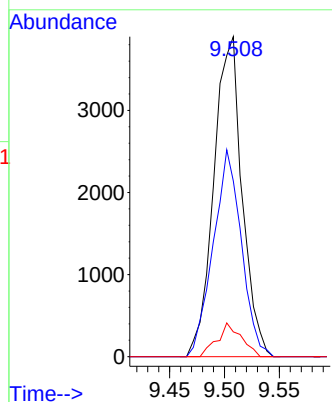
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 83 Resp: 7002
Ion Ratio Lower Upper
83 100
85 54.9 51.6 77.4
127 7.8 6.5 9.7

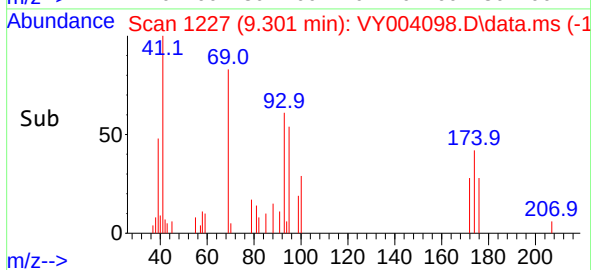
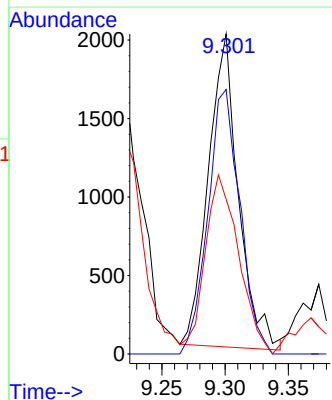
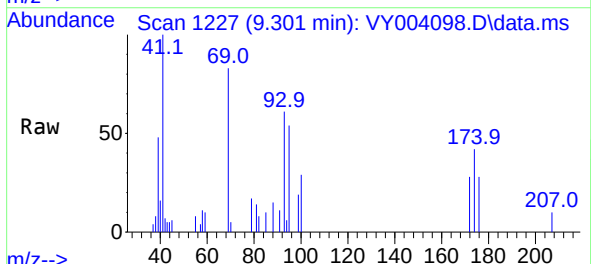
Manual Integrations
APPROVED

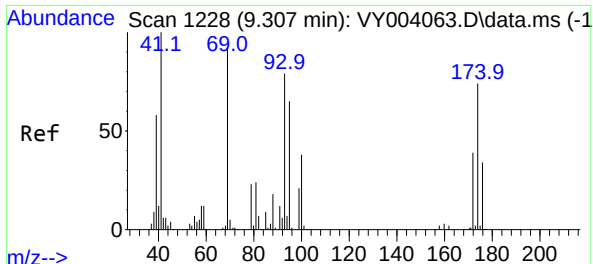
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#48
Methyl methacrylate
Concen: 2.12 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 41 Resp: 3297
Ion Ratio Lower Upper
41 100
69 90.2 65.1 97.7
39 64.4 44.2 66.2





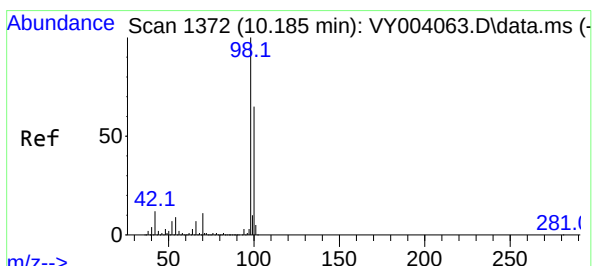
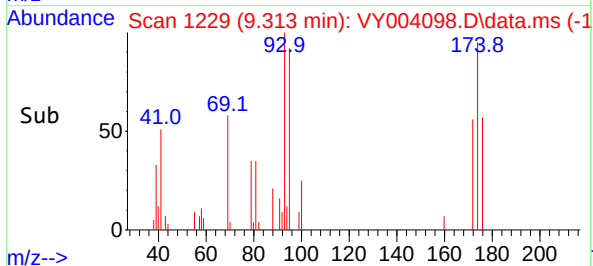
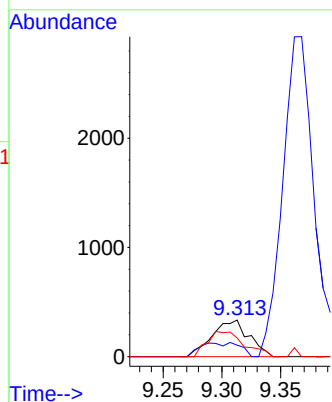
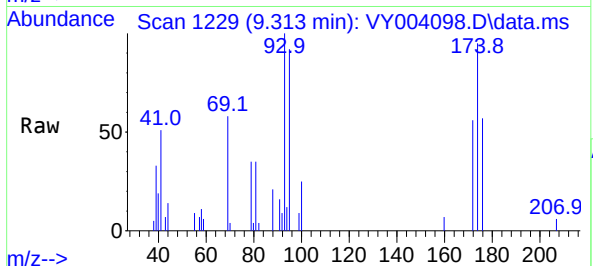
#49
1,4-Dioxane
Concen: 47.17 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 88 Resp: 732
Ion Ratio Lower Upper
88 100
43 0.0 32.0 48.0#
58 0.0 56.5 84.7#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

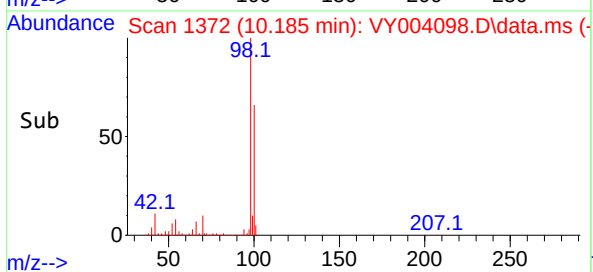
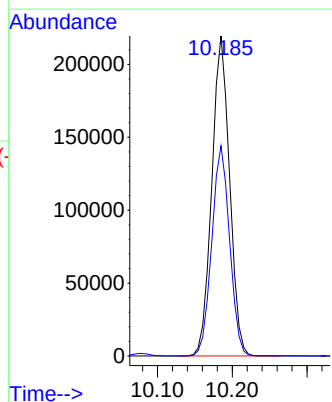
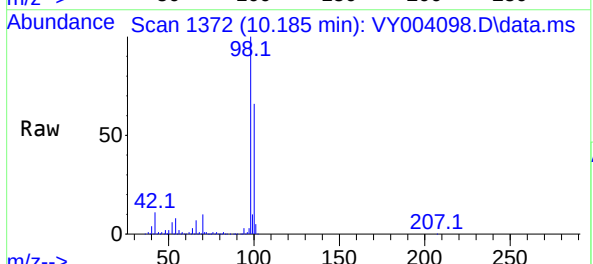
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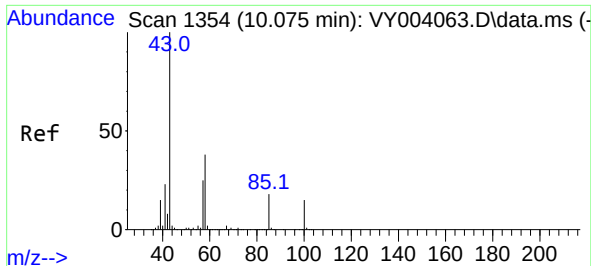
MMDadoda
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#50
Toluene-d8
Concen: 47.48 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 98 Resp: 362198
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6





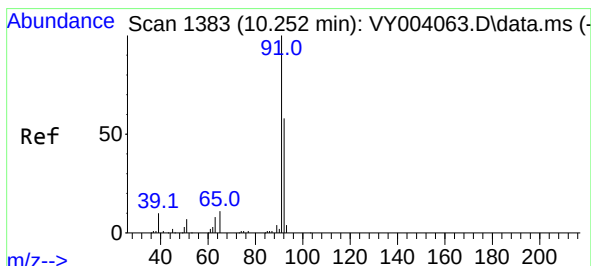
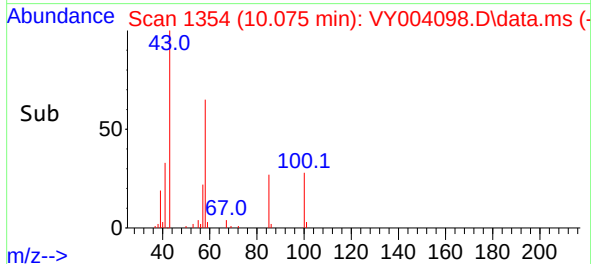
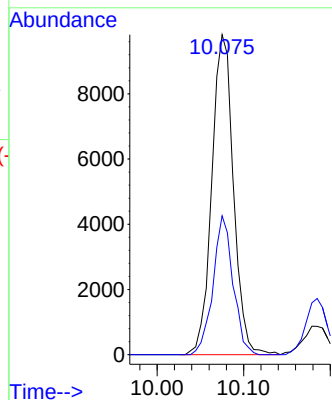
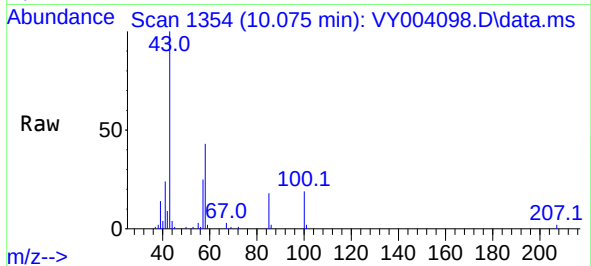
#51
4-Methyl-2-Pentanone
Concen: 10.26 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 43 Resp: 17029
Ion Ratio Lower Upper
43 100
58 40.2 29.8 44.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

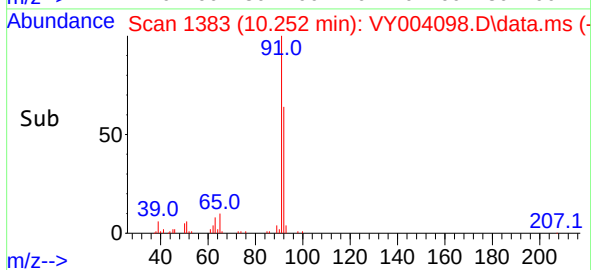
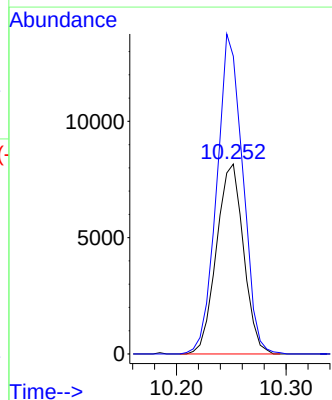
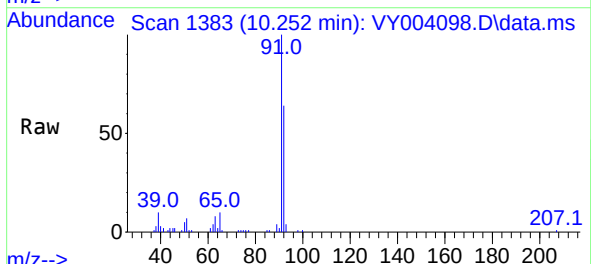
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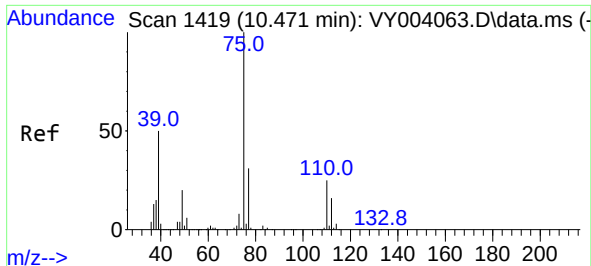
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#52
Toluene
Concen: 2.53 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 92 Resp: 14010
Ion Ratio Lower Upper
92 100
91 162.2 141.0 211.4





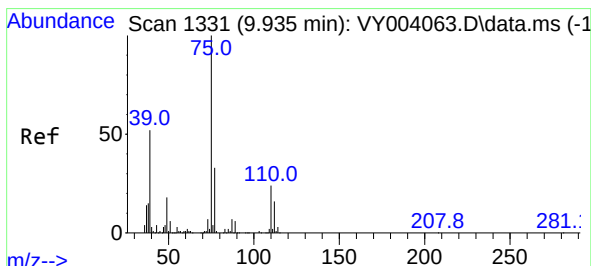
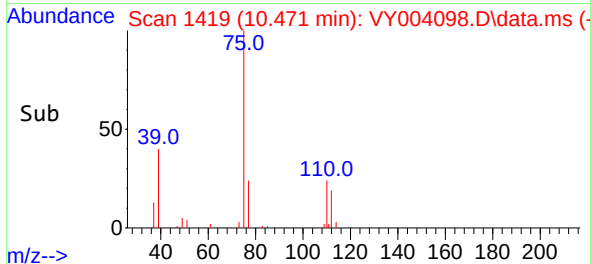
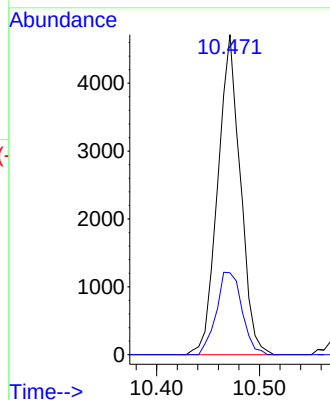
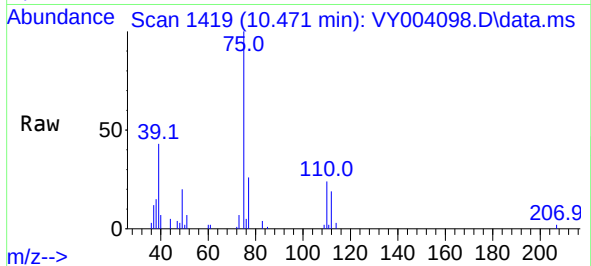
#53
t-1,3-Dichloropropene
Concen: 2.24 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 75 Resp: 7184
Ion Ratio Lower Upper
75 100
77 25.6 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

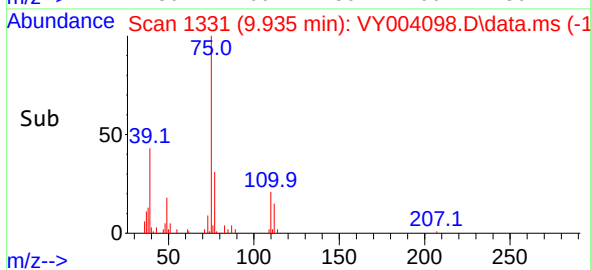
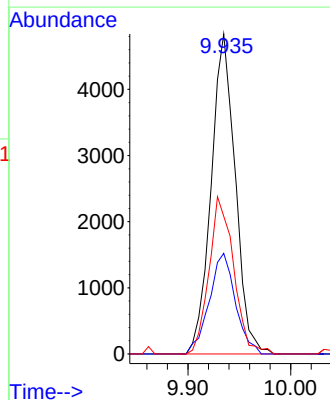
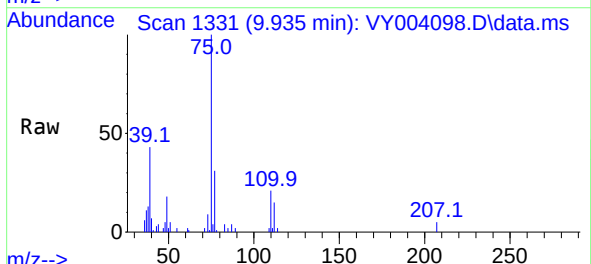
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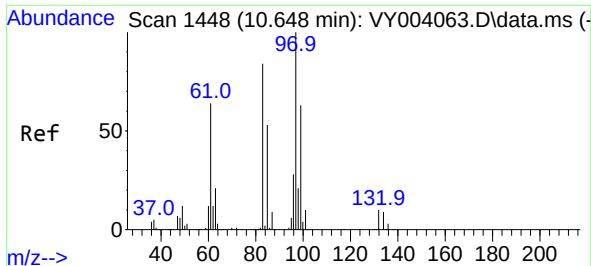
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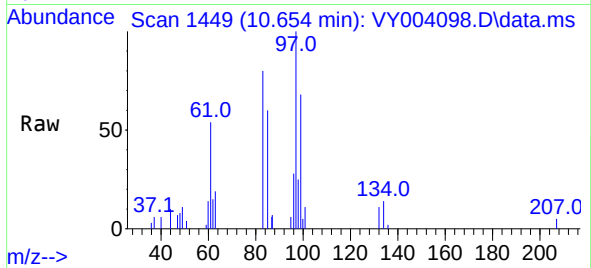
#54
cis-1,3-Dichloropropene
Concen: 2.19 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 75 Resp: 7889
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 43.1 40.4 60.6

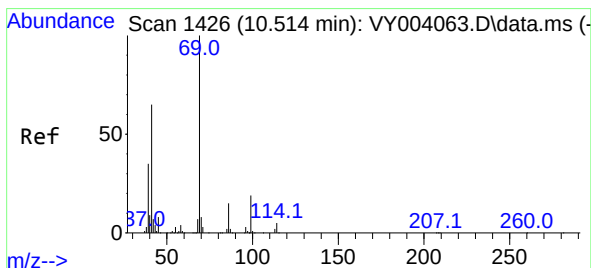
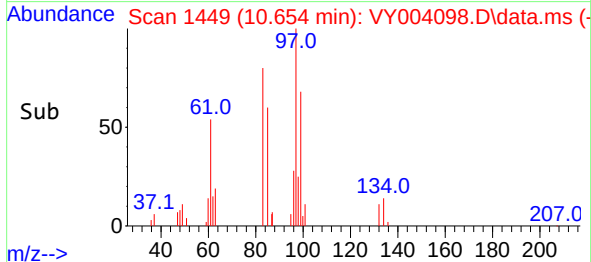
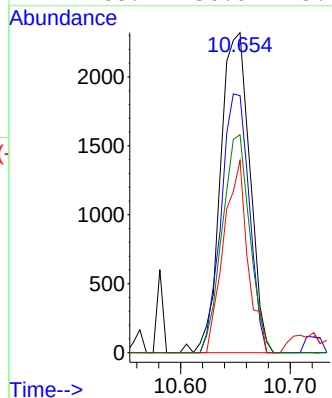




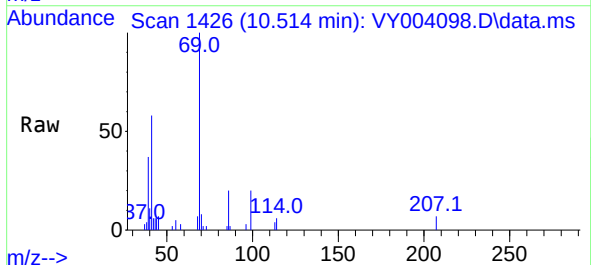
#55
1,1,2-Trichloroethane
Concen: 2.51 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



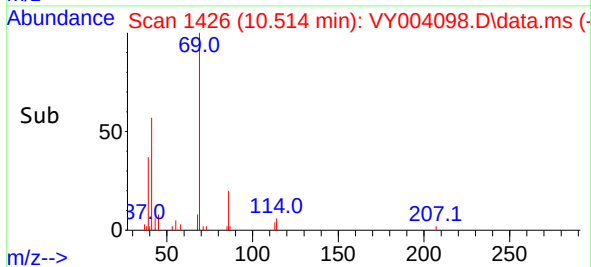
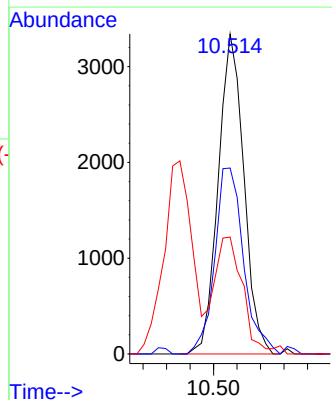
Tgt Ion:	97	Resp:	4310
Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.4	104.0
85	60.1	43.4	65.0
99	68.1	50.0	75.0



#56
Ethyl methacrylate
Concen: 2.11 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



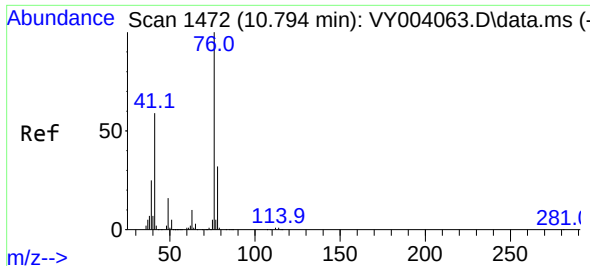
Tgt Ion:	69	Resp:	5055
Ion	Ratio	Lower	Upper
69	100		
41	65.4	57.2	85.8
39	41.7	27.8	41.6#



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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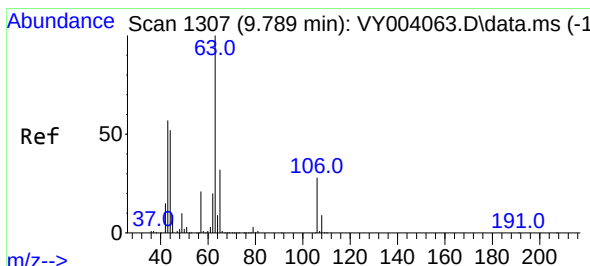
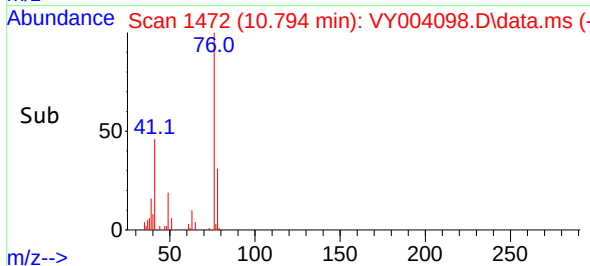
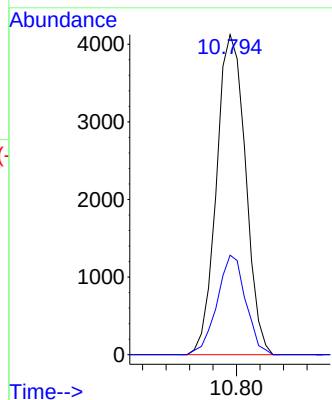
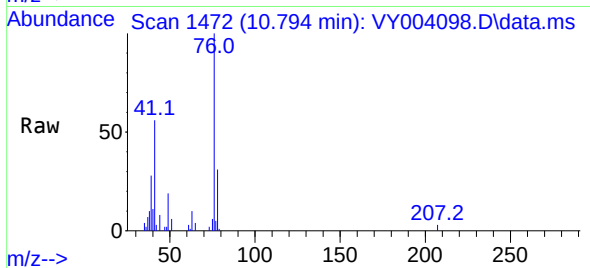
#57
1,3-Dichloropropane
Concen: 2.41 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 76 Resp: 7075
Ion Ratio Lower Upper
76 100
78 30.7 25.5 38.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

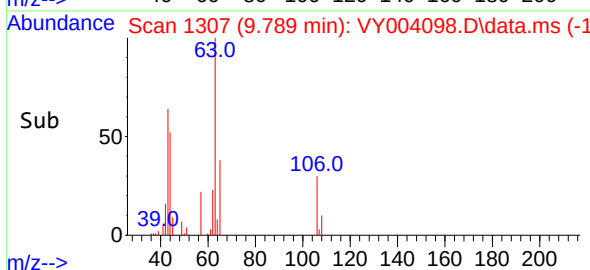
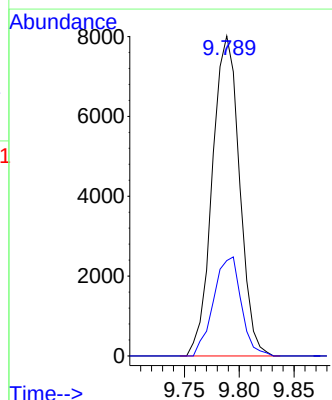
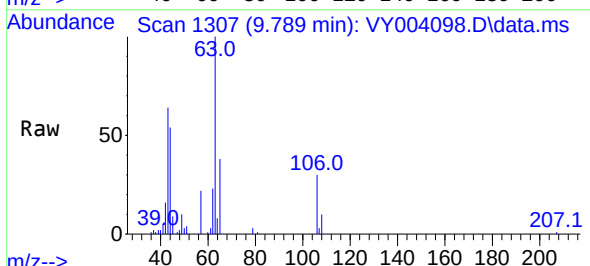
Manual Integrations
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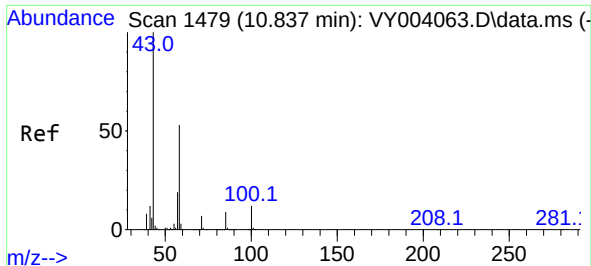
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#58
2-Chloroethyl Vinyl ether
Concen: 13.02 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 63 Resp: 13842
Ion Ratio Lower Upper
63 100
106 31.5 22.1 33.1





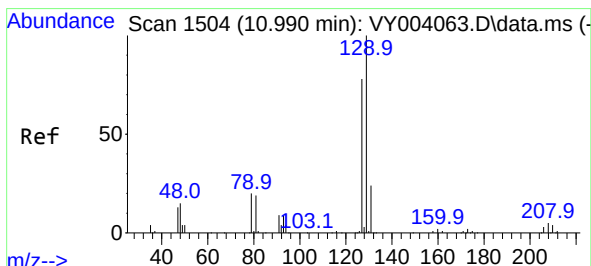
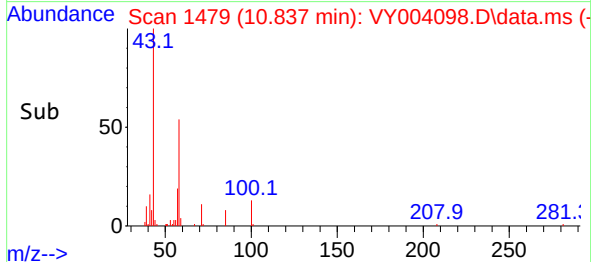
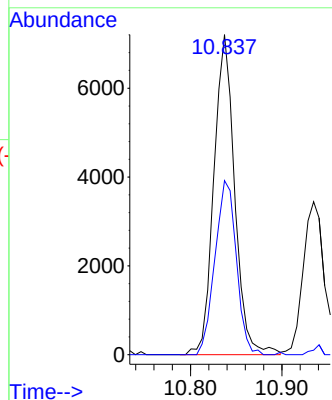
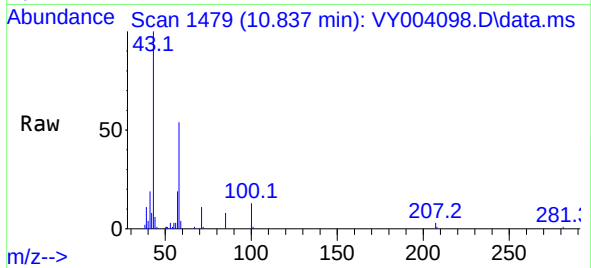
#59
2-Hexanone
Concen: 9.78 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 43 Resp: 11403
Ion Ratio Lower Upper
43 100
58 55.9 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

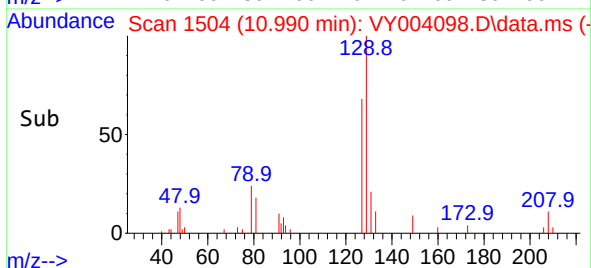
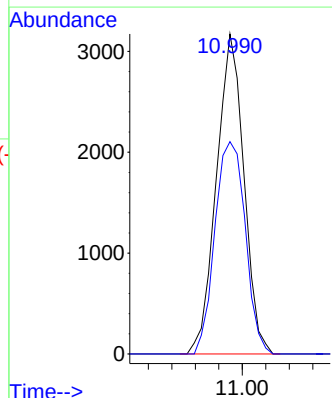
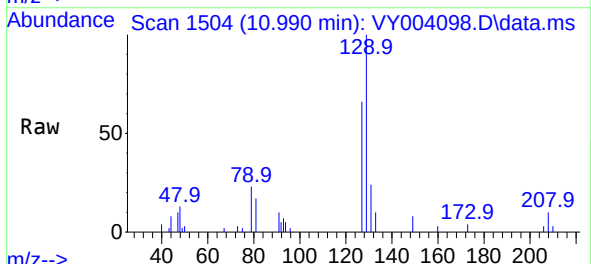
Manual Integrations
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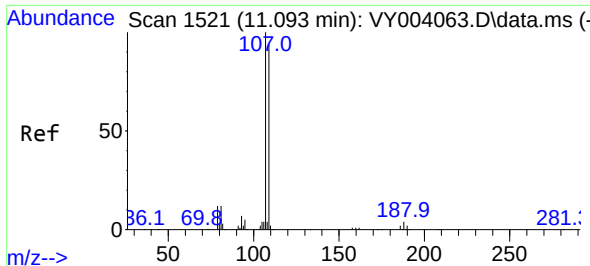
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#60
Dibromochloromethane
Concen: 2.39 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

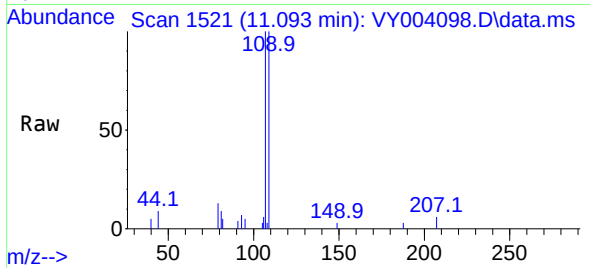
Tgt Ion: 129 Resp: 5147
Ion Ratio Lower Upper
129 100
127 73.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 2.46 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

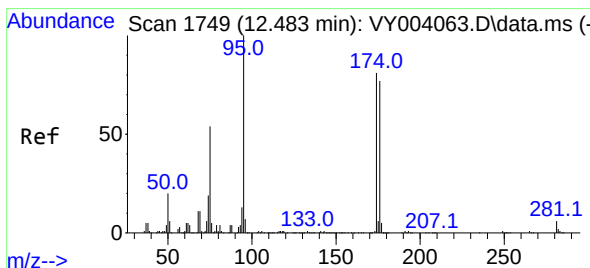
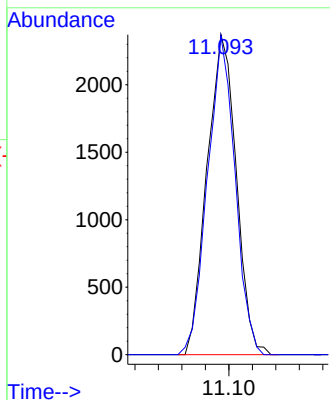
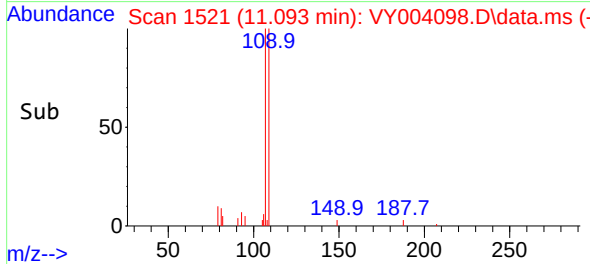
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



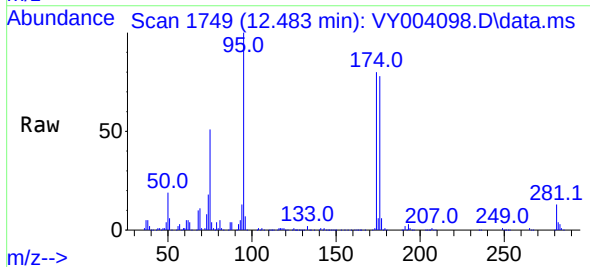
Tgt Ion:107 Resp: 4098
Ion Ratio Lower Upper
107 100
109 93.6 76.7 115.1

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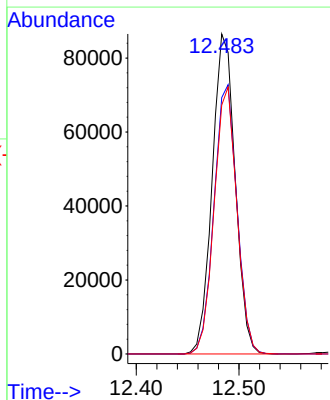
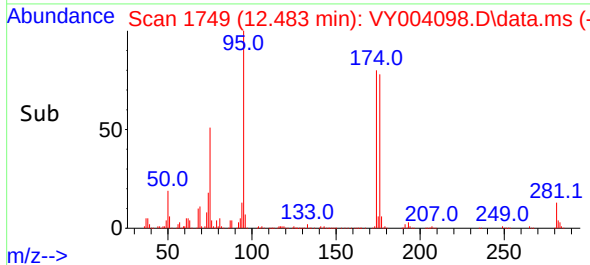
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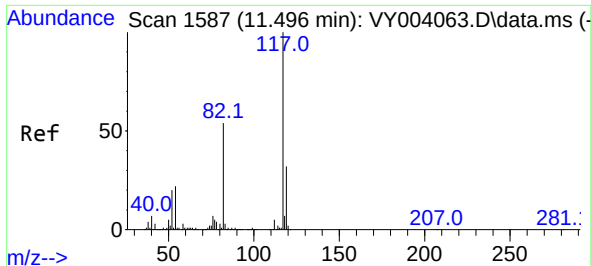


#62
4-Bromofluorobenzene
Concen: 47.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

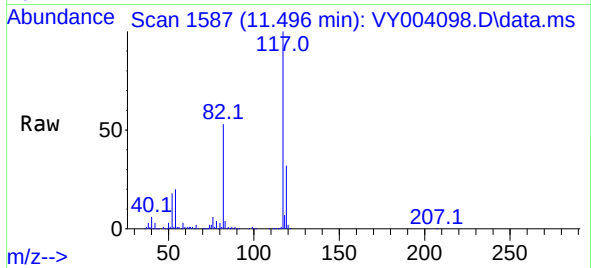


Tgt Ion: 95 Resp: 134046
Ion Ratio Lower Upper
95 100
174 84.0 0.0 179.0
176 82.4 0.0 174.4

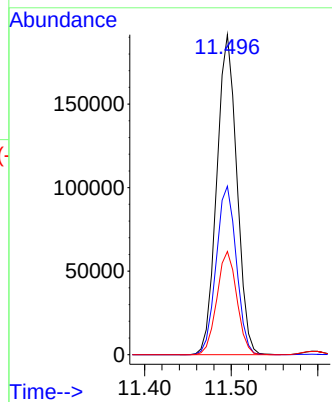
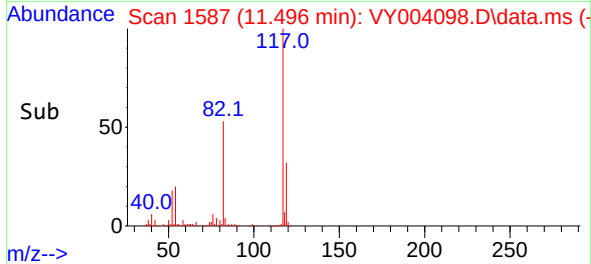




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



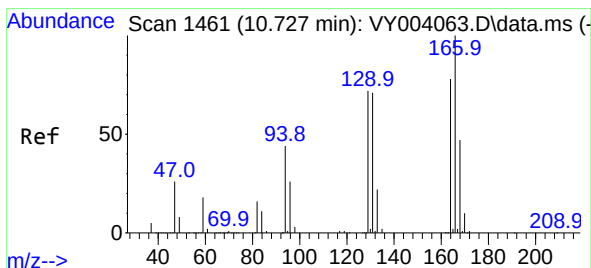
Tgt Ion:117 Resp: 307706
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 32.3 26.2 39.2



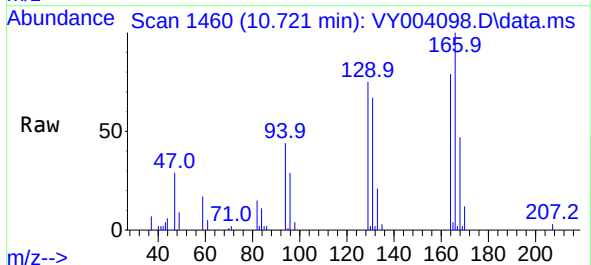
Instrument :
MSVOA_Y
ClientSampleId :
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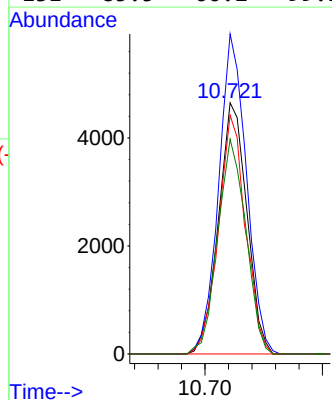
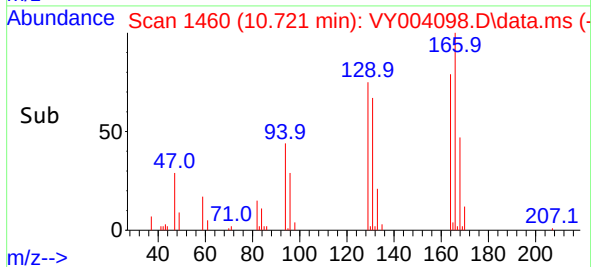
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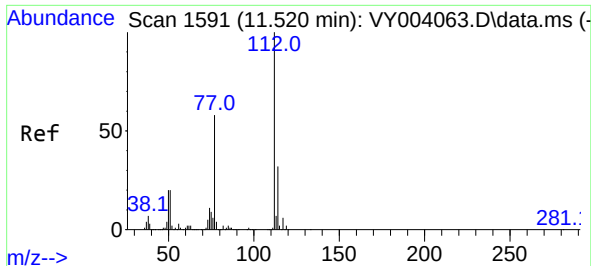


#64
Tetrachloroethene
Concen: 3.03 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



Tgt Ion:164 Resp: 7807
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 95.0 70.6 105.8
131 85.5 66.2 99.2





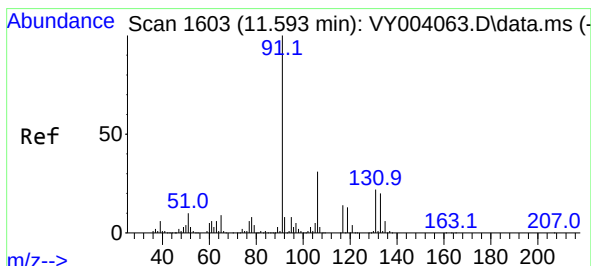
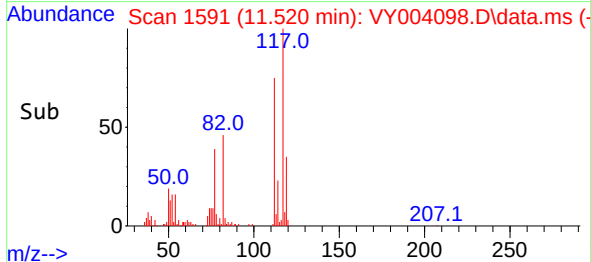
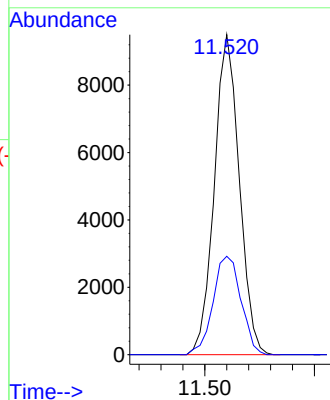
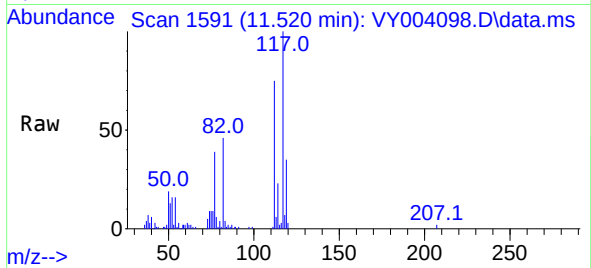
#65
Chlorobenzene
Concen: 2.55 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion:112 Resp: 15011
Ion Ratio Lower Upper
112 100
114 30.7 26.5 39.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

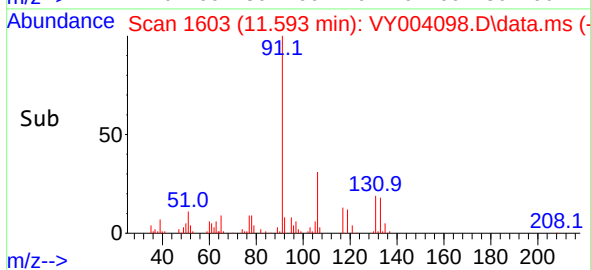
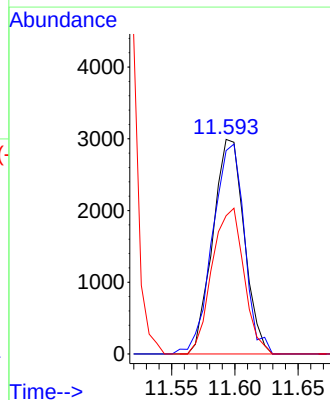
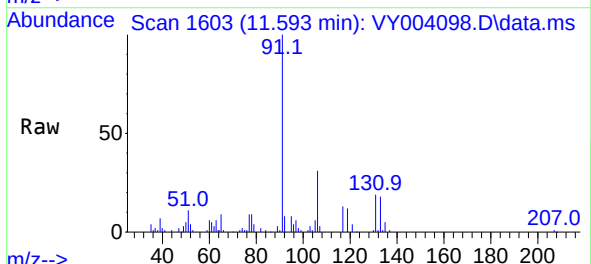
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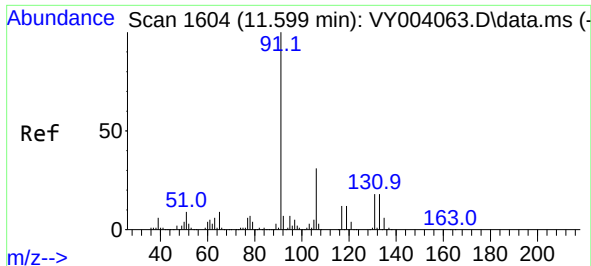
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.34 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion:131 Resp: 5160
Ion Ratio Lower Upper
131 100
133 99.0 48.1 144.3
119 69.0 31.5 94.5





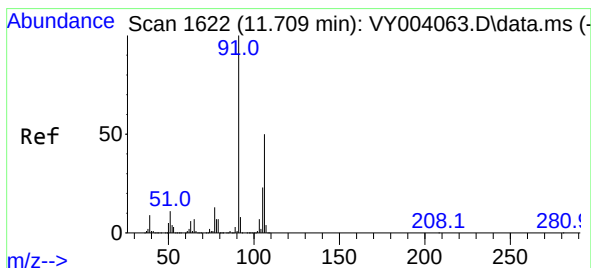
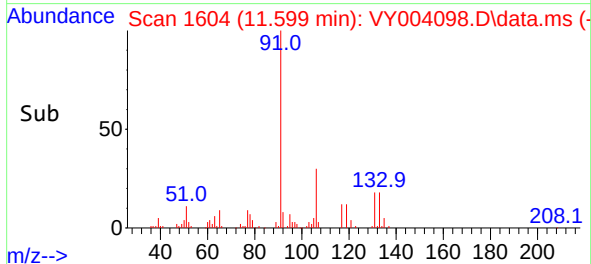
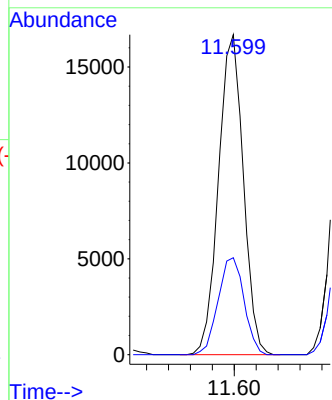
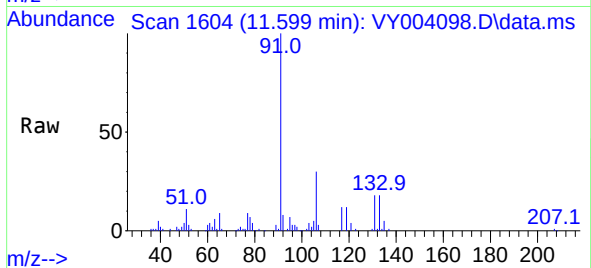
#67
Ethyl Benzene
Concen: 2.42 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 91 Resp: 26207
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

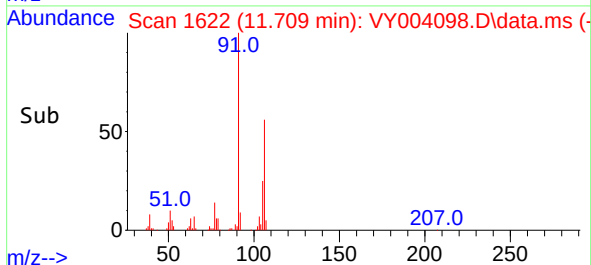
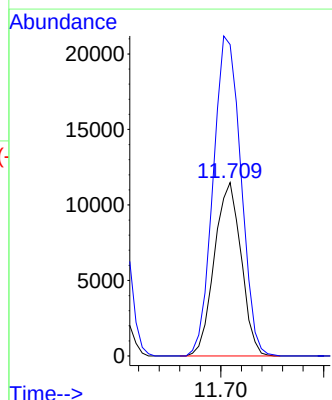
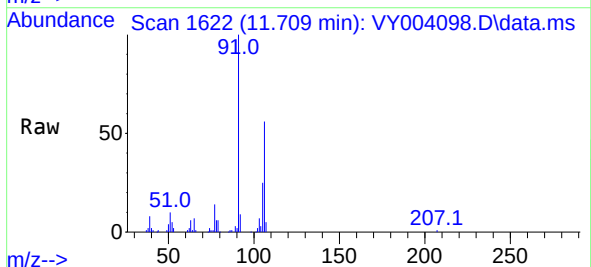
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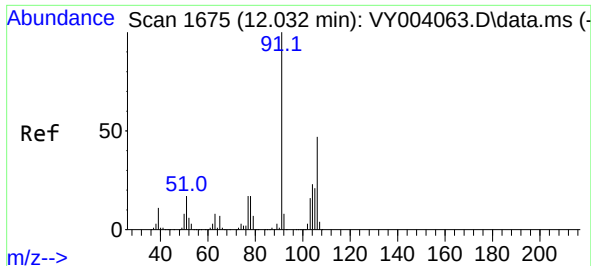
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#68
m/p-Xylenes
Concen: 5.02 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

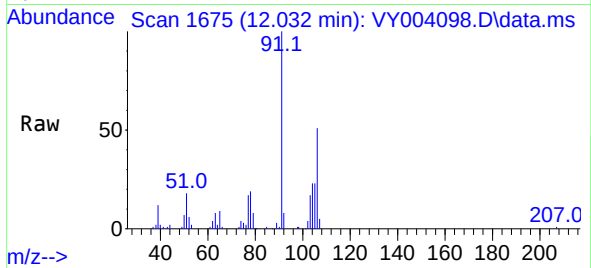
Tgt Ion: 106 Resp: 20733
Ion Ratio Lower Upper
106 100
91 191.5 165.4 248.0





#69
o-Xylene
Concen: 2.44 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

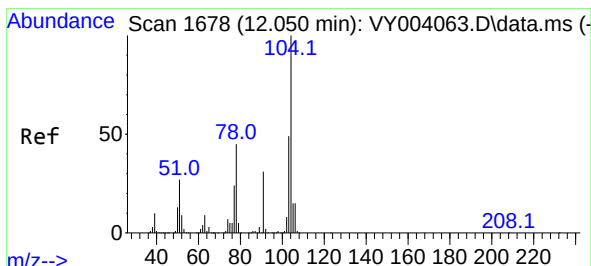
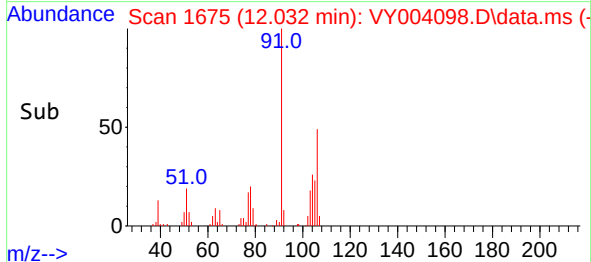
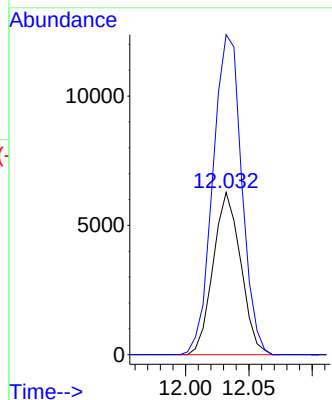
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



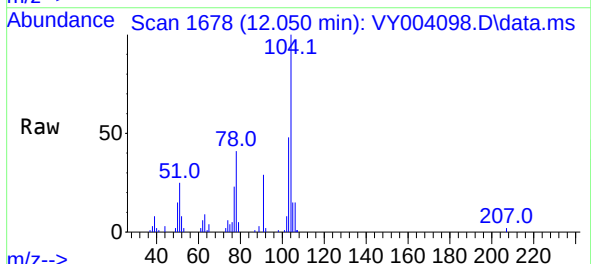
Tgt Ion:106 Resp: 9520
Ion Ratio Lower Upper
106 100
91 206.1 108.9 326.7

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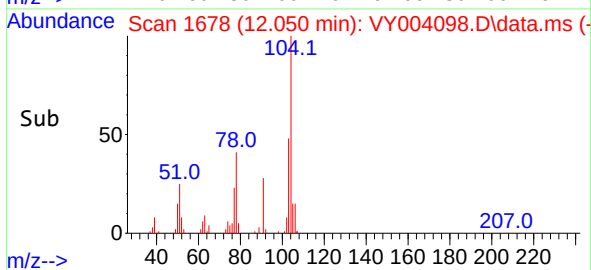
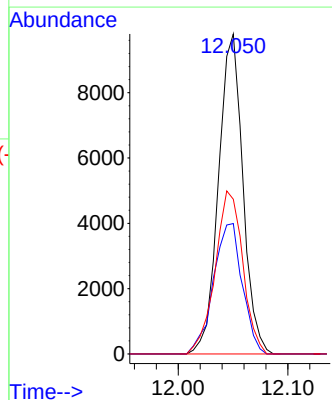
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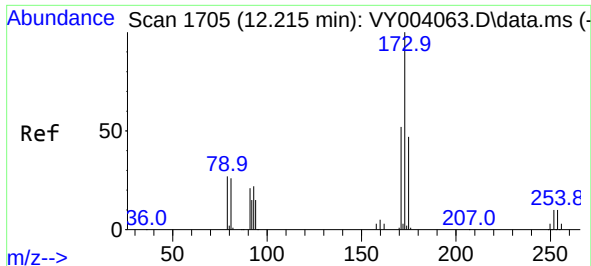


#70
Styrene
Concen: 2.27 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



Tgt Ion:104 Resp: 15149
Ion Ratio Lower Upper
104 100
78 48.2 41.1 61.7
103 57.7 43.9 65.9





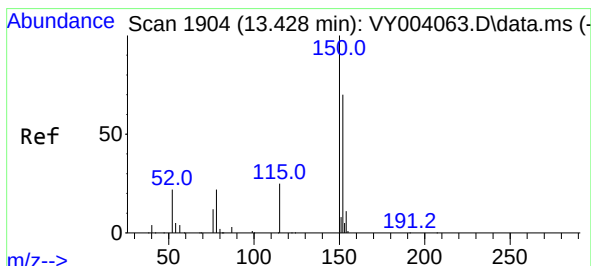
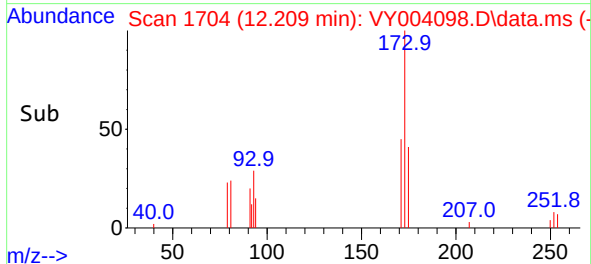
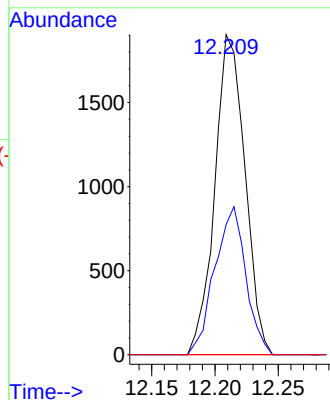
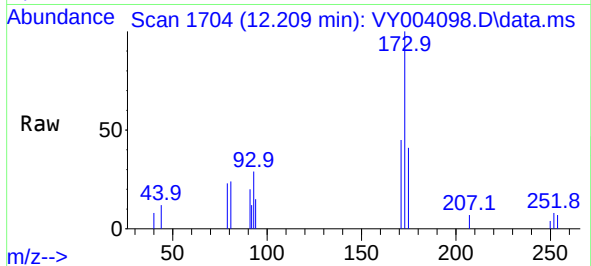
#71
Bromoform
Concen: 2.39 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion:173 Resp: 3158
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.1 0.1#

Instrument :
MSVOA_Y
ClientSampleId :
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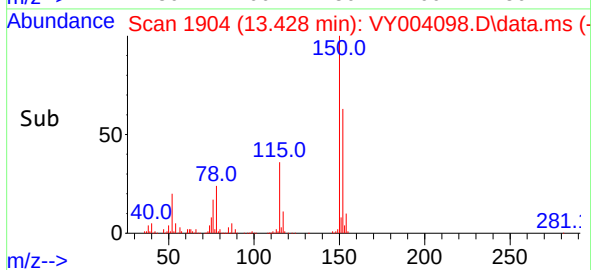
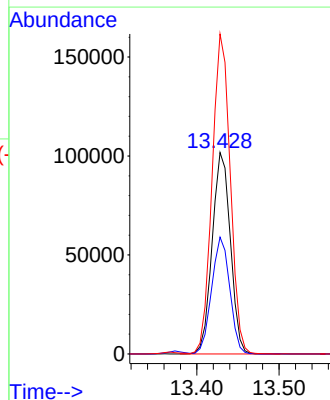
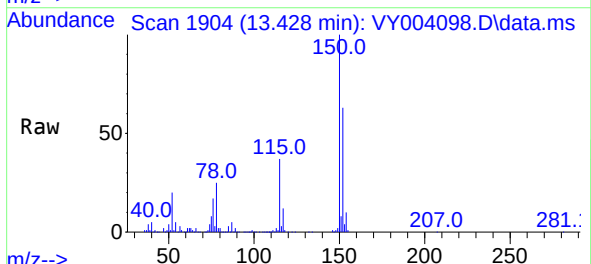
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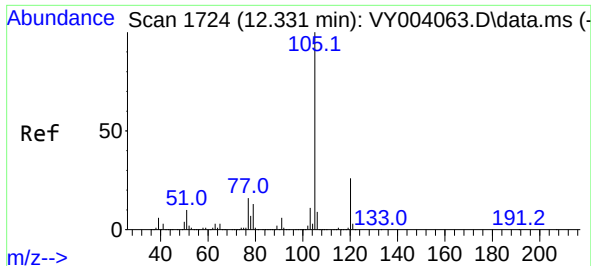
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

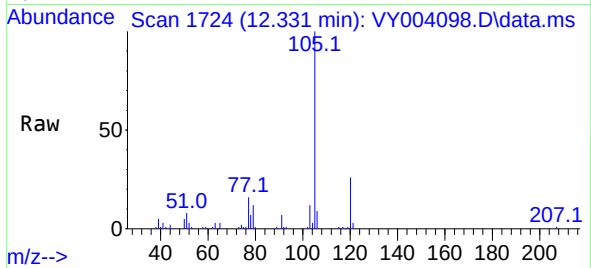
Tgt Ion:152 Resp: 156472
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.6
150 158.3 0.0 347.2





#73
Isopropylbenzene
Concen: 2.44 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

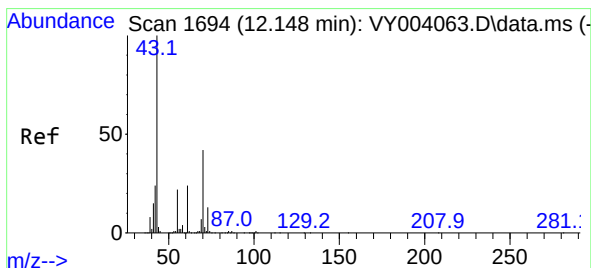
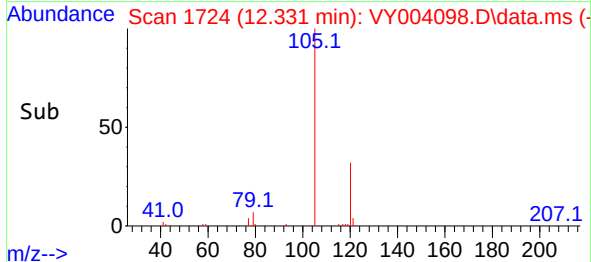
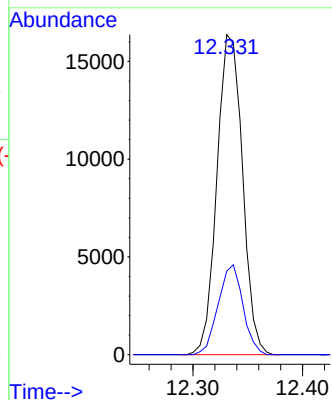
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



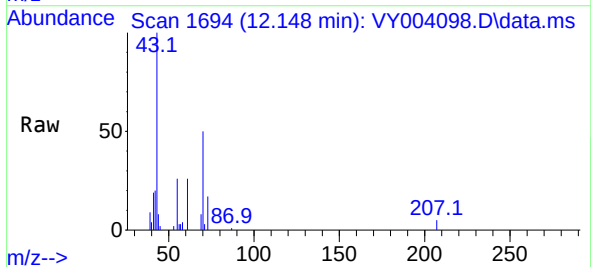
Tgt Ion: 105 Resp: 26515
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

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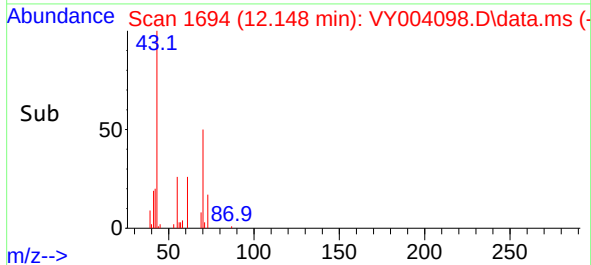
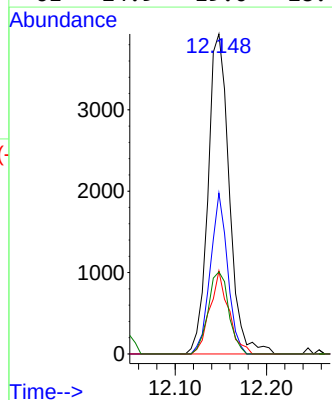
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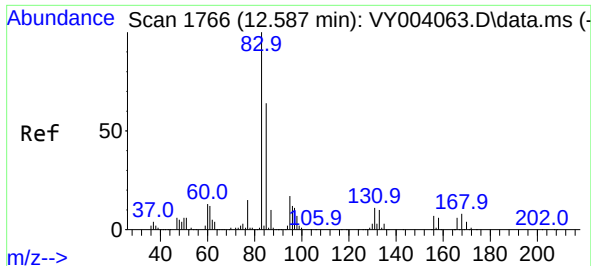


#74
N-ethyl acetate
Concen: 2.03 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

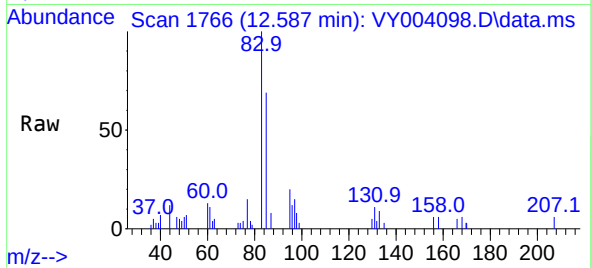


Tgt Ion: 43 Resp: 6336
Ion Ratio Lower Upper
43 100
70 40.9 32.3 48.5
55 23.1 18.4 27.6
61 24.9 19.0 28.4

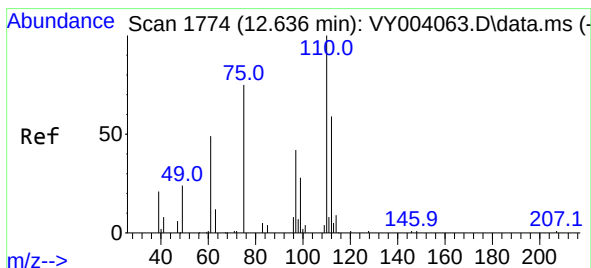
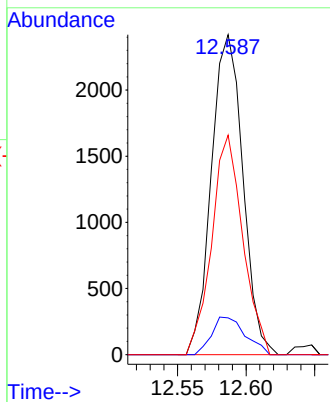
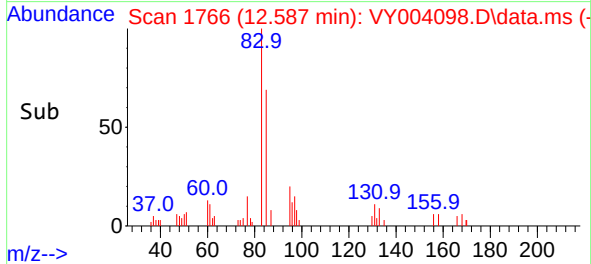




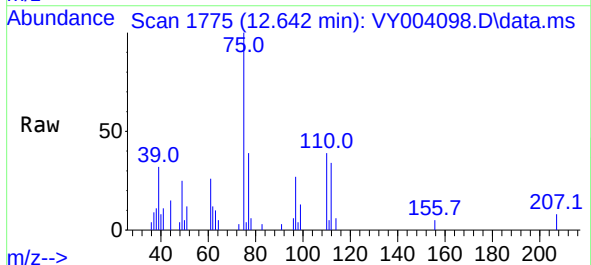
#75
1,1,2,2-Tetrachloroethane
Concen: 2.05 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



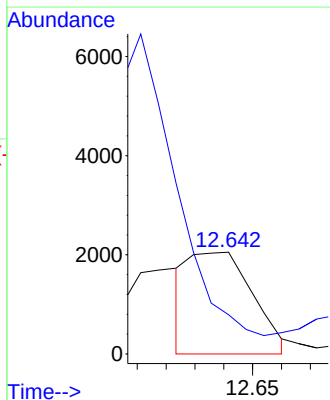
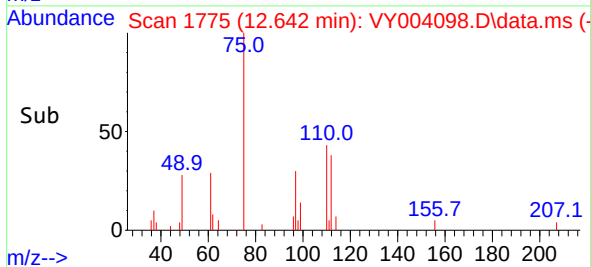
Tgt Ion: 83 Resp: 3865
Ion Ratio Lower Upper
83 100
131 12.5 5.5 16.4
85 67.6 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 2.11 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



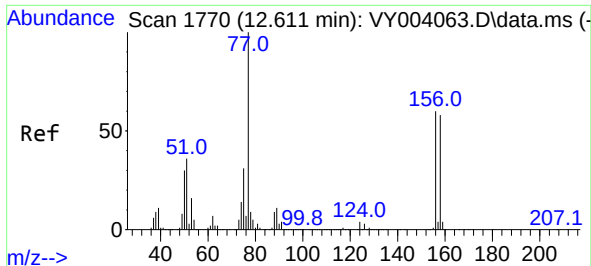
Tgt Ion: 75 Resp: 3173
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

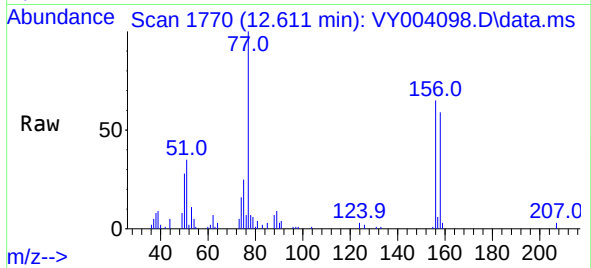
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#77
Bromobenzene
Concen: 2.61 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

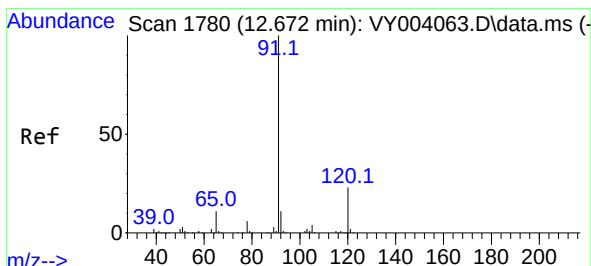
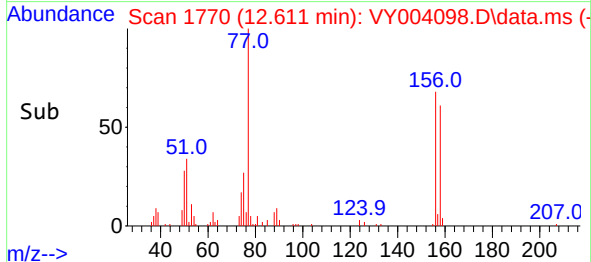
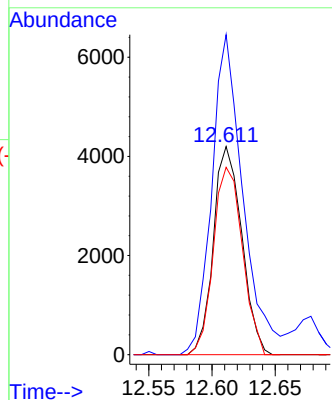
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



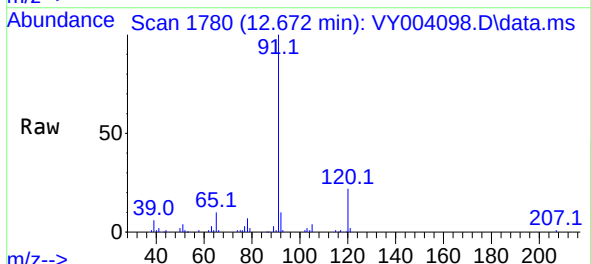
Tgt Ion:156 Resp: 6556
Ion Ratio Lower Upper
156 100
77 168.2 90.5 271.3
158 92.1 48.9 146.6

Manual Integrations
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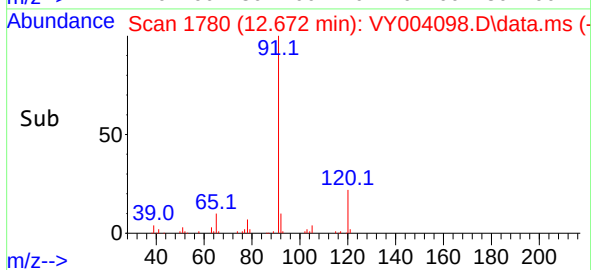
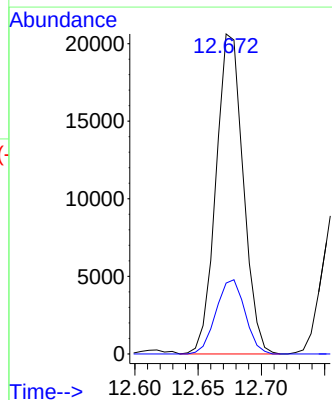
MMDadoda
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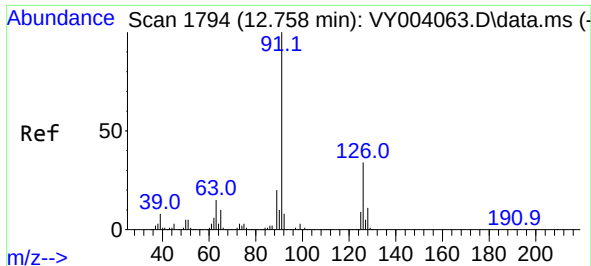


#78
n-propylbenzene
Concen: 2.41 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



Tgt Ion: 91 Resp: 30876
Ion Ratio Lower Upper
91 100
120 24.6 11.3 33.9





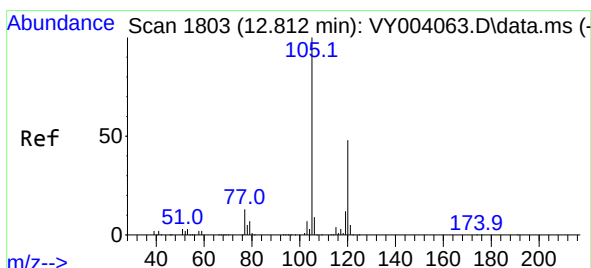
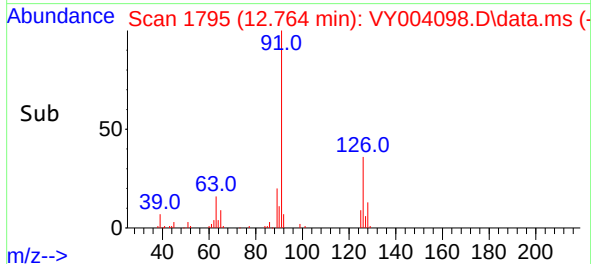
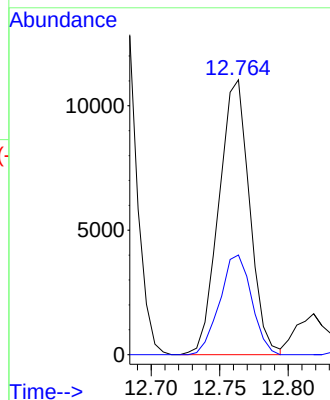
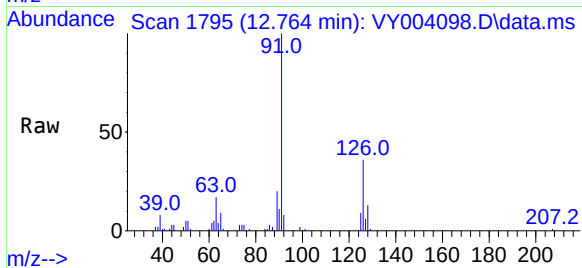
#79
2-Chlorotoluene
Concen: 2.40 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion: 91 Resp: 17241
Ion Ratio Lower Upper
91 100
126 37.6 17.0 51.0

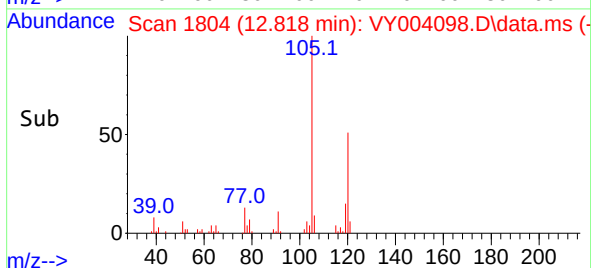
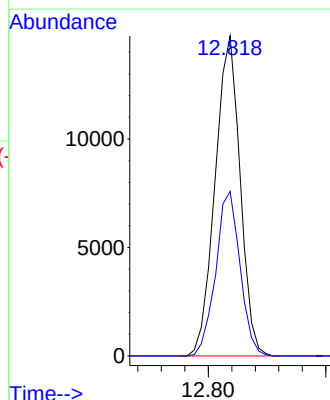
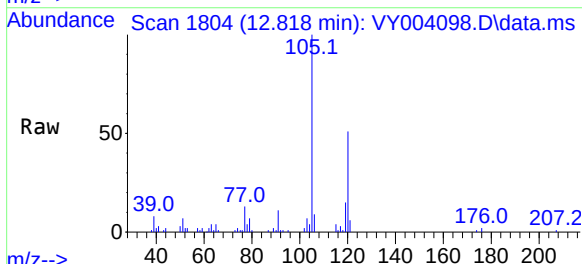
Manual Integrations
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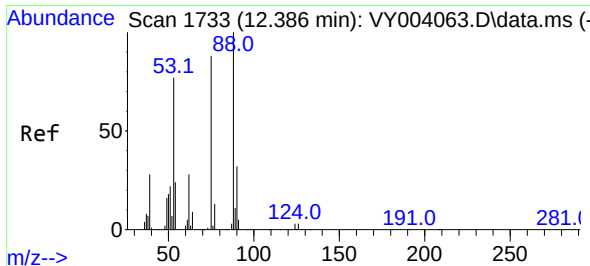
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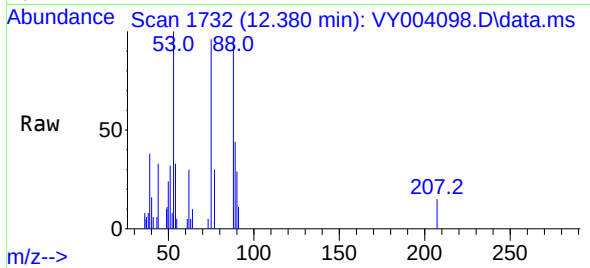
#80
1,3,5-Trimethylbenzene
Concen: 2.36 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 105 Resp: 21800
Ion Ratio Lower Upper
105 100
120 50.0 24.1 72.2

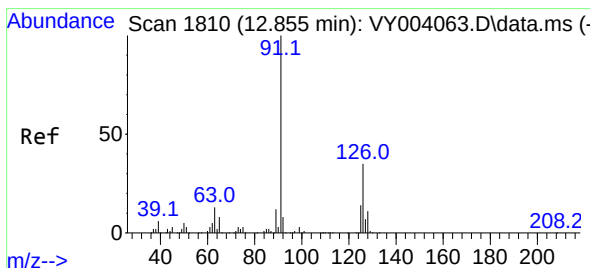
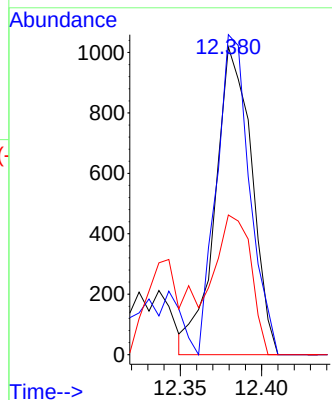
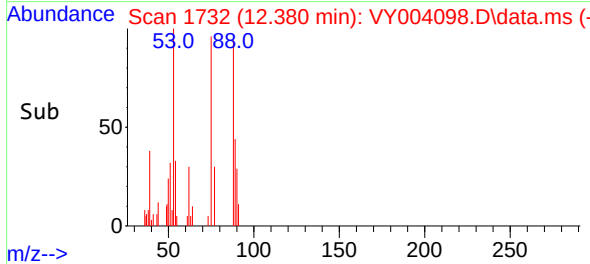




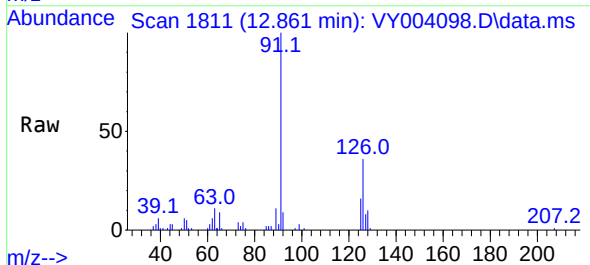
#81
trans-1,4-Dichloro-2-butene
Concen: 2.09 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



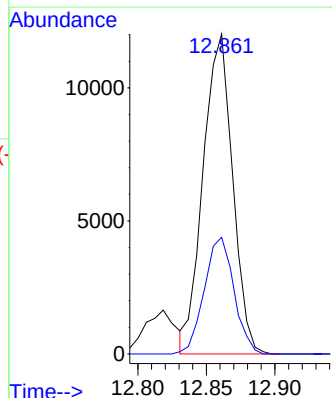
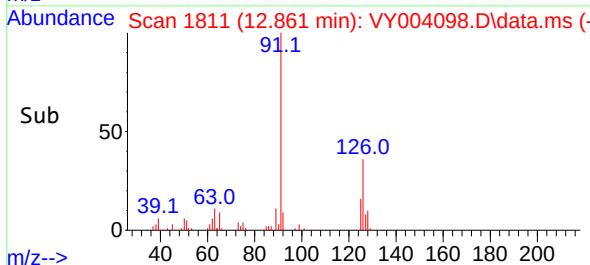
Tgt Ion: 75 Resp: 1588
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 5.1 35.7 53.5#



#82
4-Chlorotoluene
Concen: 2.37 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



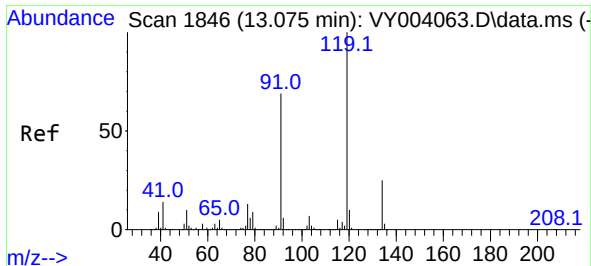
Tgt Ion: 91 Resp: 18010
Ion Ratio Lower Upper
91 100
126 36.6 16.8 50.4



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

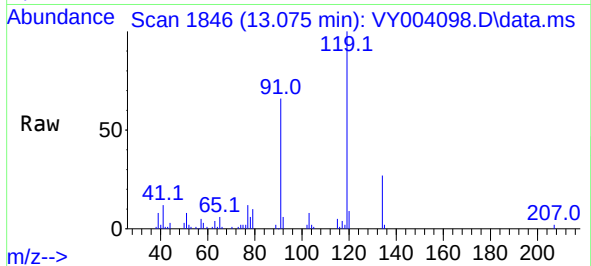
Manual Integrations
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#83
tert-Butylbenzene
Concen: 2.46 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

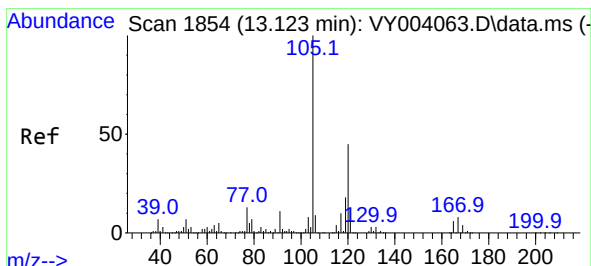
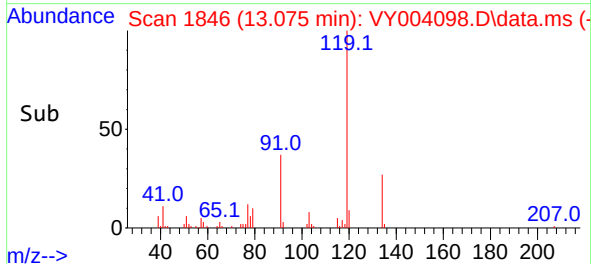
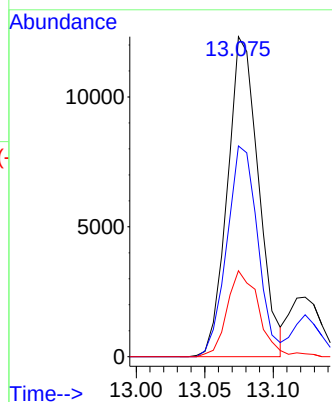
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



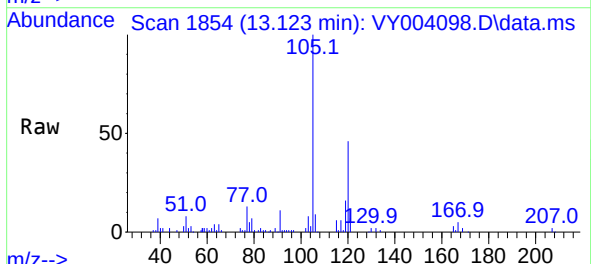
Tgt Ion:119 Resp: 19501
Ion Ratio Lower Upper
119 100
91 65.5 33.0 99.0
134 27.6 12.9 38.7

Manual Integrations
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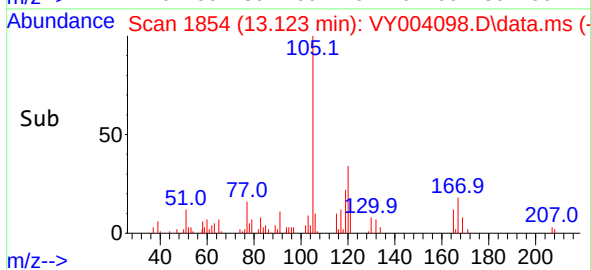
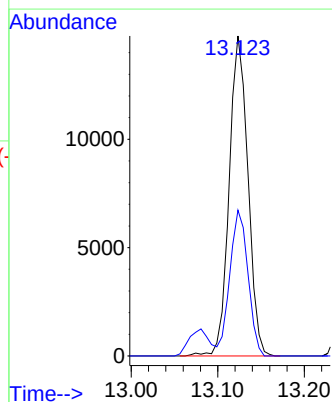
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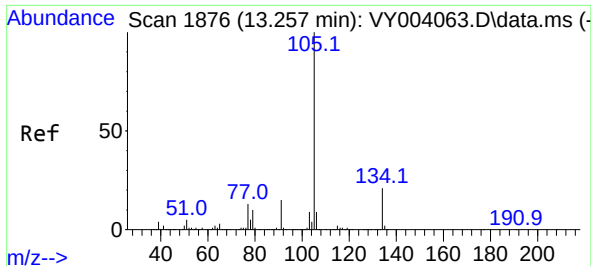


#84
1,2,4-Trimethylbenzene
Concen: 2.41 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



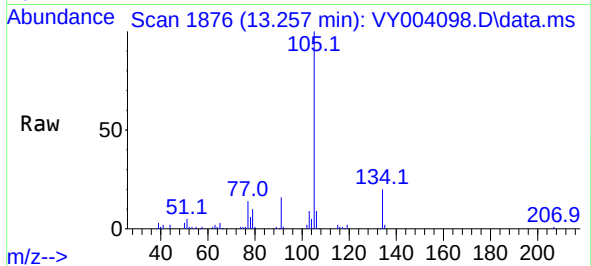
Tgt Ion:105 Resp: 22222
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 2.41 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14

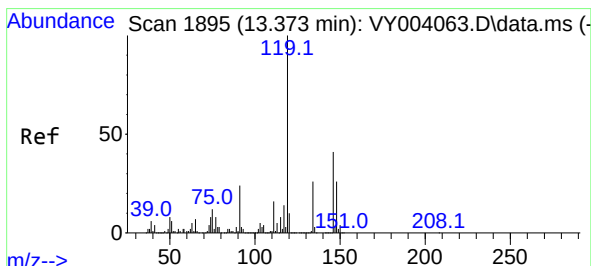
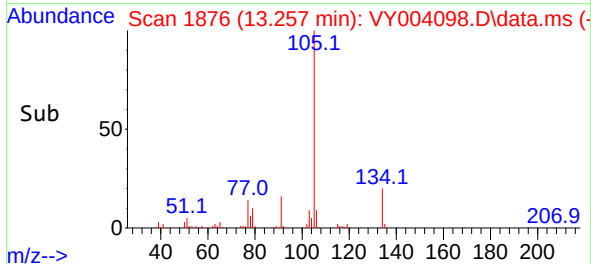
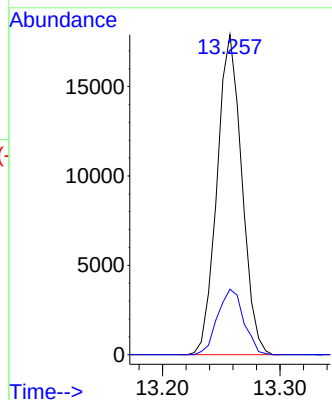
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



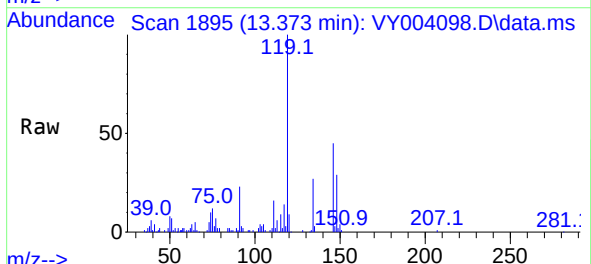
Tgt Ion:105 Resp: 26318
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

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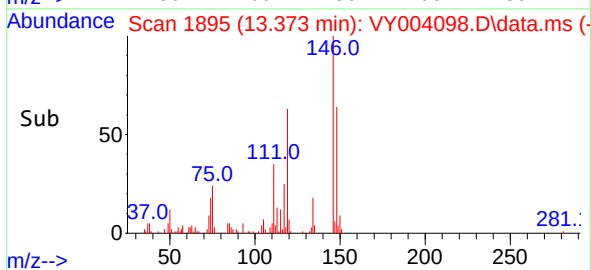
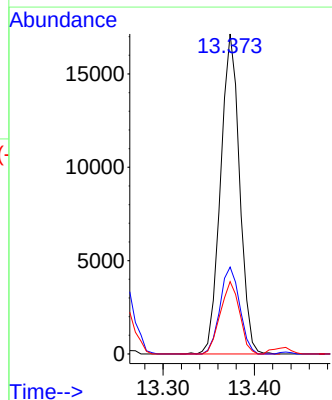
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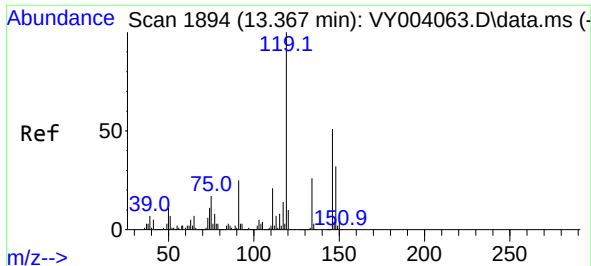


#86
 p-Isopropyltoluene
 Concen: 2.44 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004098.D
 Acq: 17 Mar 2021 13:14



Tgt Ion:119 Resp: 24777
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.2 39.5
 91 22.9 12.1 36.3





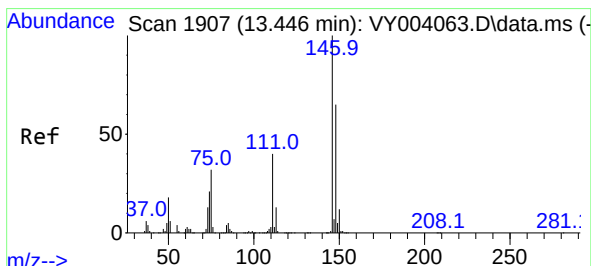
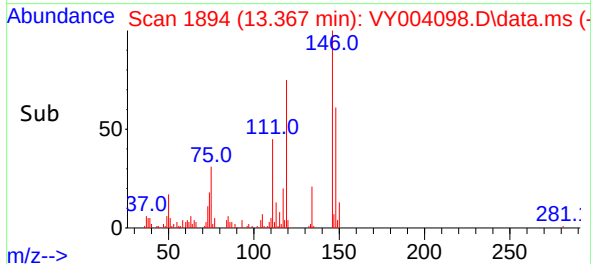
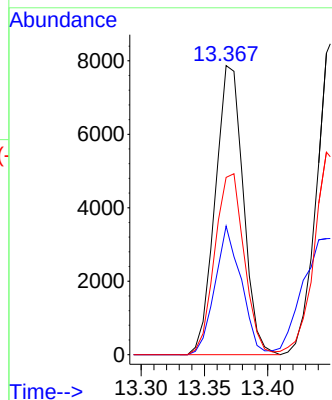
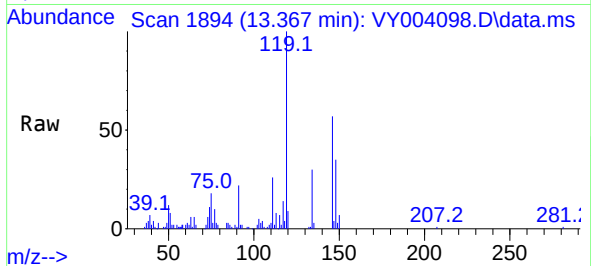
#87
1,3-Dichlorobenzene
Concen: 2.50 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion:	146	Resp:	12114
Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.9	56.7
148	65.7	31.9	95.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

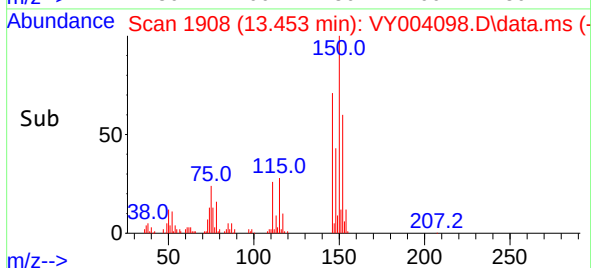
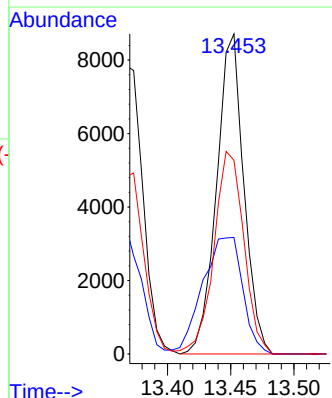
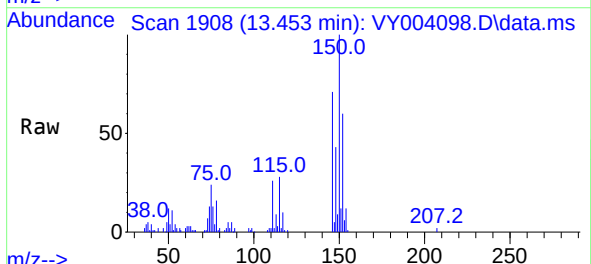
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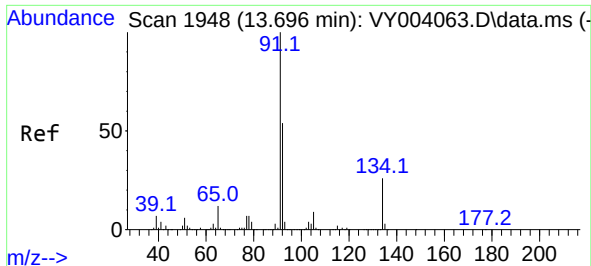
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#88
1,4-Dichlorobenzene
Concen: 2.69 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion:	146	Resp:	13045
Ion	Ratio	Lower	Upper
146	100		
111	53.9	18.6	55.8
148	69.6	31.8	95.4





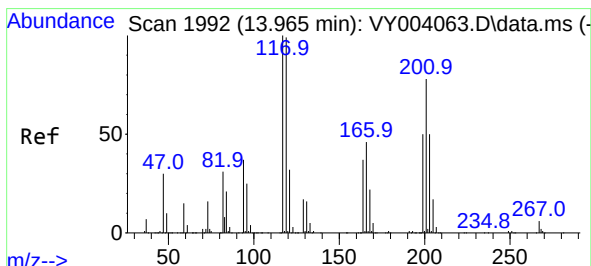
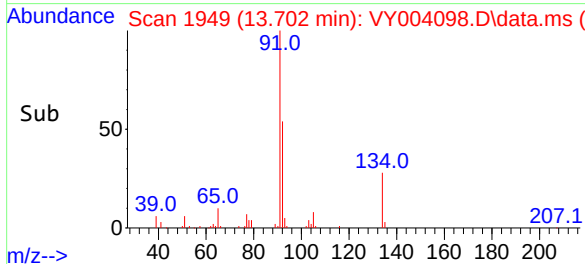
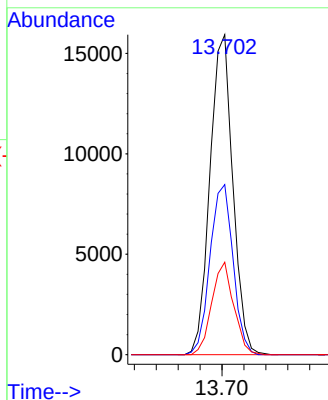
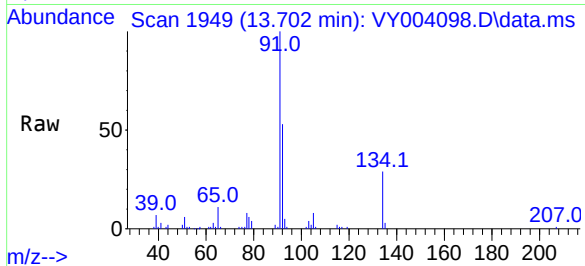
#89
n-Butylbenzene
Concen: 2.39 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

Tgt Ion: 91	Resp: 23122
Ion Ratio	Lower Upper
91 100	
92 53.5	26.5 79.4
134 27.7	13.2 39.5

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

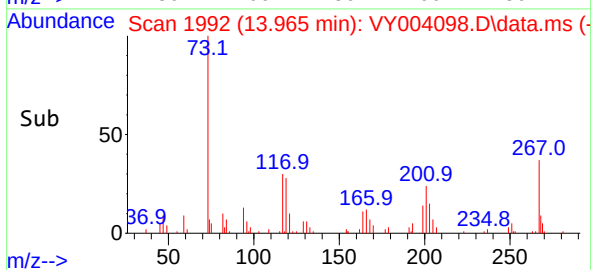
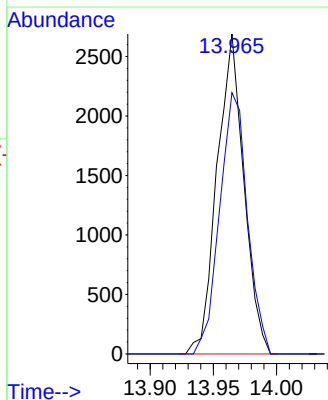
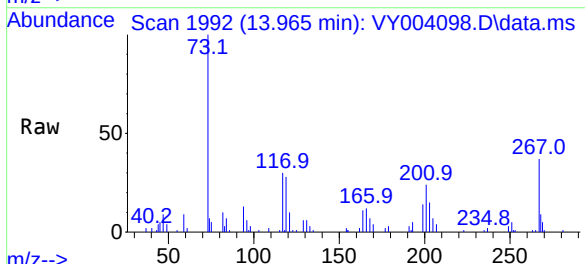
Manual Integrations
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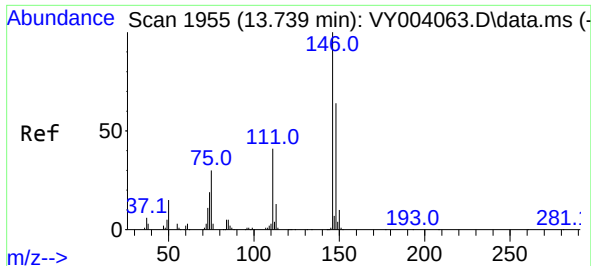
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#90
Hexachloroethane
Concen: 2.17 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

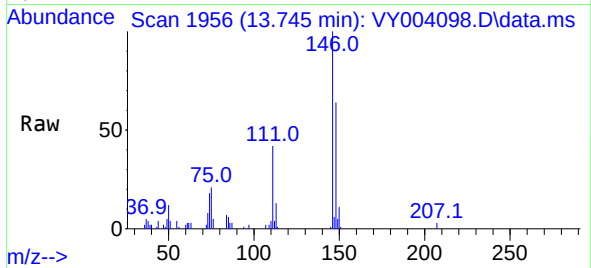
Tgt Ion: 117	Resp: 3957
Ion Ratio	Lower Upper
117 100	
201 84.6	46.0 138.0





#91
1,2-Dichlorobenzene
Concen: 2.64 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

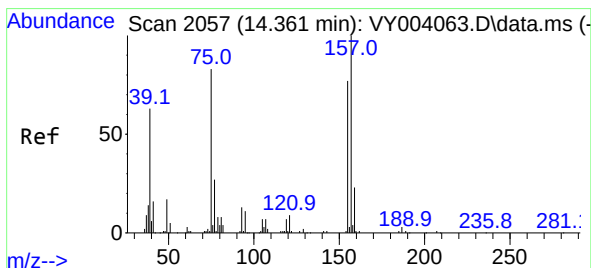
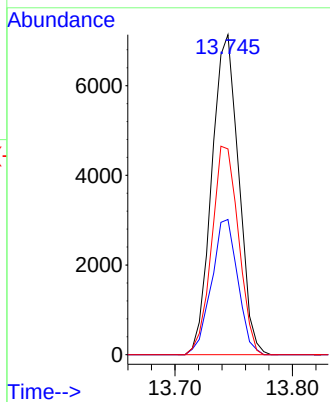
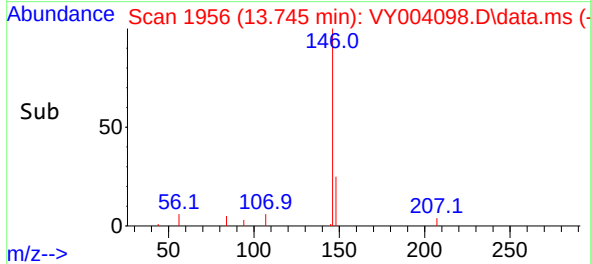
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



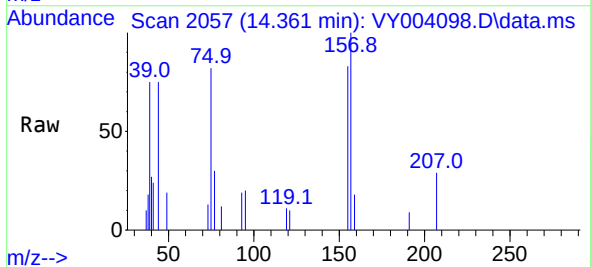
Tgt Ion:146 Resp: 11335
Ion Ratio Lower Upper
146 100
111 41.5 19.6 58.8
148 65.1 31.9 95.7

Manual Integrations
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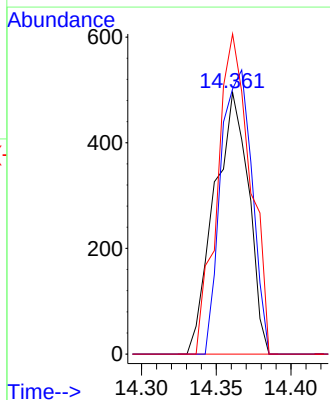
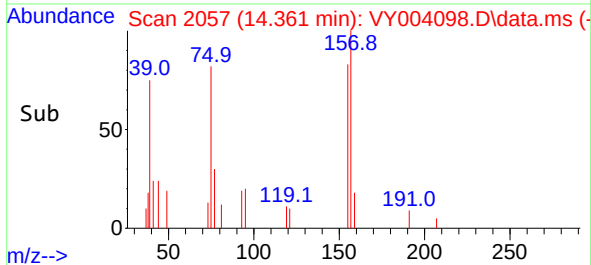
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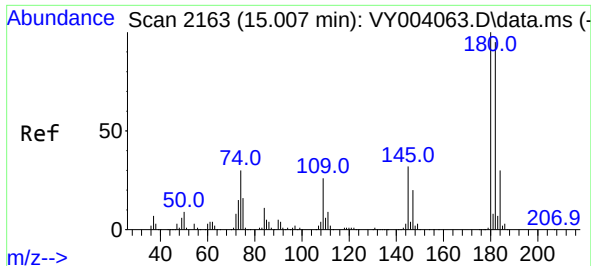


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.22 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



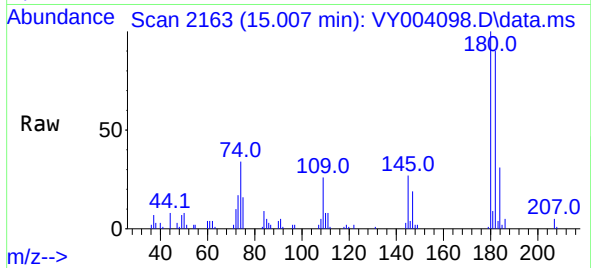
Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
155 98.5 42.8 128.4
157 117.7 52.4 157.3





#93
1,2,4-Trichlorobenzene
Concen: 2.81 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

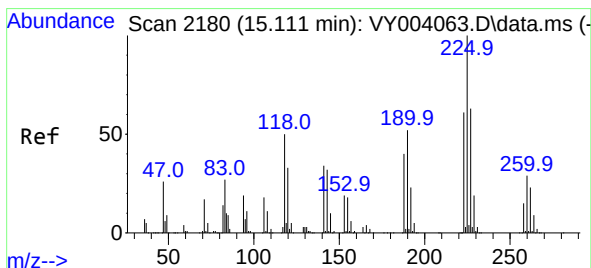
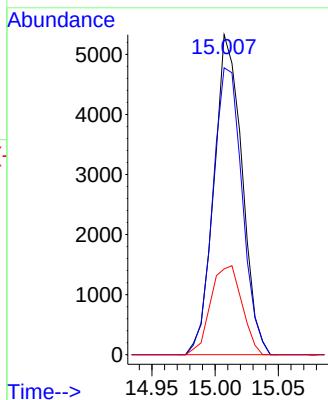
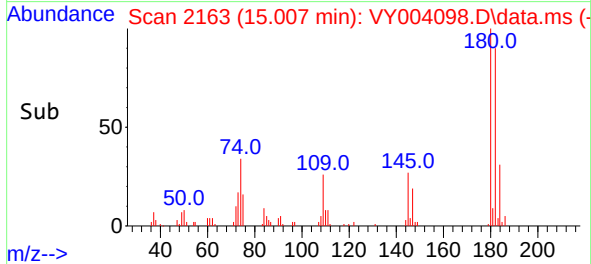
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



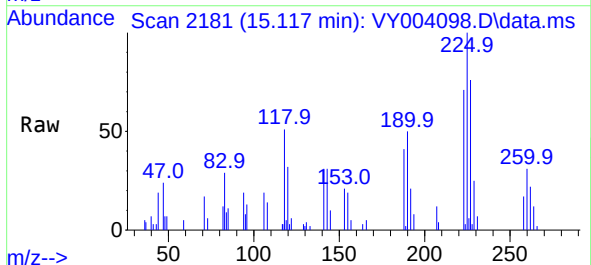
Tgt Ion:180 Resp: 8209
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.0
145 30.9 14.1 42.2

Manual Integrations
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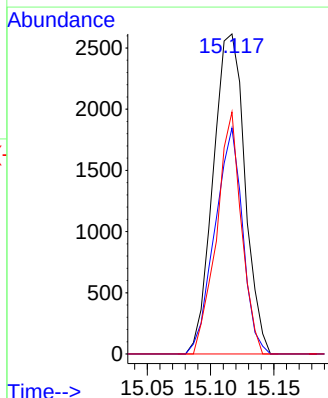
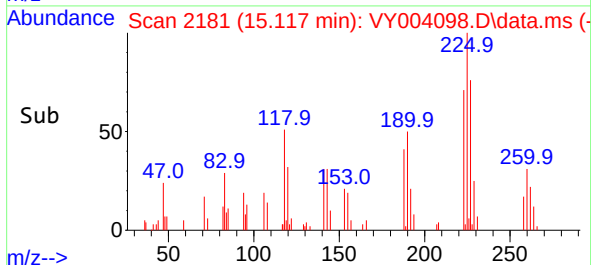
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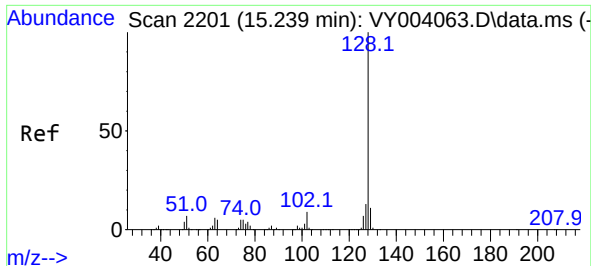


#94
Hexachlorobutadiene
Concen: 2.79 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



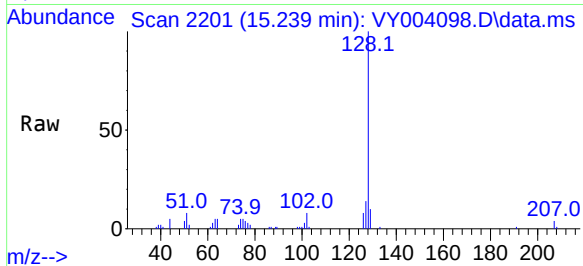
Tgt Ion:225 Resp: 4559
Ion Ratio Lower Upper
225 100
223 61.7 31.5 94.5
227 59.2 32.1 96.3





#95
Naphthalene
Concen: 2.67 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14

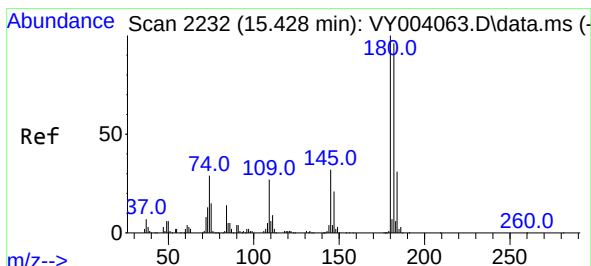
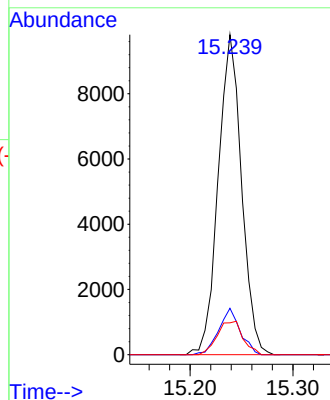
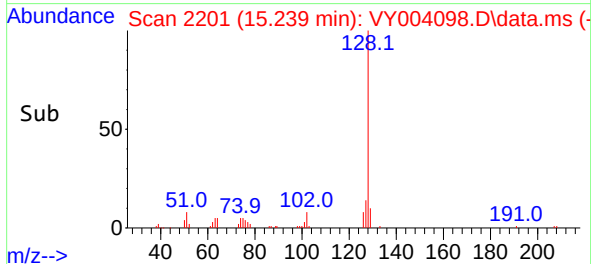
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



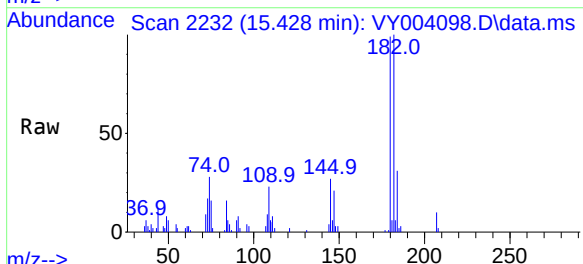
Tgt Ion:	128	Resp:	15442
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:18:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.02 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004098.D
Acq: 17 Mar 2021 13:14



Tgt Ion:	180	Resp:	7416
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.6	142.8
145	31.7	15.3	45.9

