

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004099.D
 Acq On : 17 Mar 2021 13:37
 Operator : SY/MD
 Sample : M1458-01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 18 02:47:51 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	217369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	308273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	105320	49.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.20%		
35) Dibromofluoromethane	7.734	113	99799	51.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.70%		
50) Toluene-d8	10.184	98	378119	50.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.22%		
62) 4-Bromofluorobenzene	12.483	95	137513	49.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7797	4.46	ug/l	90
3) Chloromethane	2.119	50	11218	4.77	ug/l	99
4) Vinyl Chloride	2.259	62	11412	4.34	ug/l	100
5) Bromomethane	2.661	94	8409	5.01	ug/l	90
6) Chloroethane	2.802	64	6690	4.18	ug/l #	85
7) Trichlorofluoromethane	3.137	101	14049	4.02	ug/l	92
8) Diethyl Ether	3.545	74	4874	4.36	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.917	101	8258	4.23	ug/l	99
10) Methyl Iodide	4.106	142	7846	3.93	ug/l	98
11) Tert butyl alcohol	4.966	59	4693	24.20	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	8183	4.28	ug/l	92
13) Acrolein	3.753	56	3207	16.67	ug/l	96
14) Allyl chloride	4.496	41	12143	3.84	ug/l	93
15) Acrylonitrile	5.185	53	10920	19.63	ug/l	99
16) Acetone	3.966	43	9652	18.64	ug/l	98
17) Carbon Disulfide	4.210	76	23472	4.18	ug/l	96
18) Methyl Acetate	4.484	43	6111	4.78	ug/l #	85
19) Methyl tert-butyl Ether	5.240	73	23351	4.29	ug/l	92
20) Methylene Chloride	4.740	84	13804	5.52	ug/l	85
21) trans-1,2-Dichloroethene	5.240	96	9194	4.28	ug/l	83
22) Diisopropyl ether	6.136	45	25053	3.75	ug/l #	94
23) Vinyl Acetate	6.082	43	80037	18.22	ug/l	95
24) 1,1-Dichloroethane	6.039	63	14502	3.91	ug/l	95
25) 2-Butanone	7.008	43	14146	18.95	ug/l #	88
26) 2,2-Dichloropropane	6.996	77	13718	3.88	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	10057	4.11	ug/l	91
28) Bromochloromethane	7.356	49	6551	4.05	ug/l #	83
29) Tetrahydrofuran	7.368	42	10402	21.45	ug/l	95
30) Chloroform	7.520	83	16513	4.30	ug/l	100
31) Cyclohexane	7.801	56	17940	4.77	ug/l #	75
32) 1,1,1-Trichloroethane	7.715	97	14493	4.07	ug/l	98
36) 1,1-Dichloropropene	7.929	75	12798	4.27	ug/l	98
37) Ethyl Acetate	7.087	43	6317	3.91	ug/l	98
38) Carbon Tetrachloride	7.910	117	12904	4.06	ug/l	98
39) Methylcyclohexane	9.191	83	16117	4.16	ug/l	91
40) Benzene	8.173	78	35591	4.21	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	4126m	4.12	ug/l	
42) 1,2-Dichloroethane	8.252	62	11337	4.39	ug/l	98
43) Isopropyl Acetate	8.282	43	12540	3.87	ug/l	98
44) Trichloroethene	8.947	130	11433	4.67	ug/l	94
45) 1,2-Dichloropropane	9.227	63	8425	4.00	ug/l	96
46) Dibromomethane	9.313	93	5052	4.19	ug/l	97
47) Bromodichloromethane	9.508	83	11634	3.87	ug/l #	96
48) Methyl methacrylate	9.300	41	6191	4.02	ug/l	94
49) 1,4-Dioxane	9.313	88	1286	83.79	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	31668	19.29	ug/l	95
52) Toluene	10.252	92	23435	4.28	ug/l	93
53) t-1,3-Dichloropropene	10.471	75	12509	3.94	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	14126	3.97	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	7117	4.20	ug/l	94
56) Ethyl methacrylate	10.514	69	9663	4.08	ug/l	94
57) 1,3-Dichloropropane	10.794	76	12623	4.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	22450	21.35	ug/l	90
59) 2-Hexanone	10.837	43	21882	18.98	ug/l	99
60) Dibromochloromethane	10.989	129	8573	4.03	ug/l	97
61) 1,2-Dibromoethane	11.093	107	7241	4.39	ug/l	99
64) Tetrachloroethene	10.727	164	13011	5.04	ug/l	98
65) Chlorobenzene	11.520	112	25913	4.39	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	9361	4.24	ug/l	99
67) Ethyl Benzene	11.599	91	44757	4.13	ug/l	95
68) m/p-Xylenes	11.709	106	34596	8.36	ug/l	93
69) o-Xylene	12.032	106	16243	4.15	ug/l	94
70) Styrene	12.050	104	26883	4.01	ug/l	97
71) Bromoform	12.215	173	5343	4.04	ug/l #	97
73) Isopropylbenzene	12.330	105	43984	4.05	ug/l	98
74) N-amyl acetate	12.148	43	11253	3.62	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.586	83	7454	3.96	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	6208m	4.15	ug/l	
77) Bromobenzene	12.611	156	10844	4.33	ug/l	92
78) n-propylbenzene	12.672	91	51452	4.03	ug/l	97
79) 2-Chlorotoluene	12.757	91	29768	4.15	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	36621	3.98	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.385	75	2650	3.49	ug/l	96
82) 4-Chlorotoluene	12.855	91	30639	4.03	ug/l	95
83) tert-Butylbenzene	13.080	119	32145	4.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	36922	4.01	ug/l	96
85) sec-Butylbenzene	13.257	105	44633	4.09	ug/l	98
86) p-Isopropyltoluene	13.373	119	41643	4.12	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	20750	4.29	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	21206	4.39	ug/l	91
89) n-Butylbenzene	13.696	91	38906	4.04	ug/l	98
90) Hexachloroethane	13.958	117	6801	3.74	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	18651	4.35	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1397	3.92	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	13206	4.54	ug/l	95
94) Hexachlorobutadiene	15.110	225	7138	4.38	ug/l	98
95) Naphthalene	15.238	128	24928	4.32	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	11173	4.57	ug/l	97

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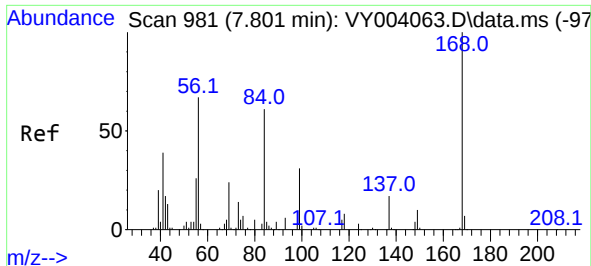
Manual Integrations
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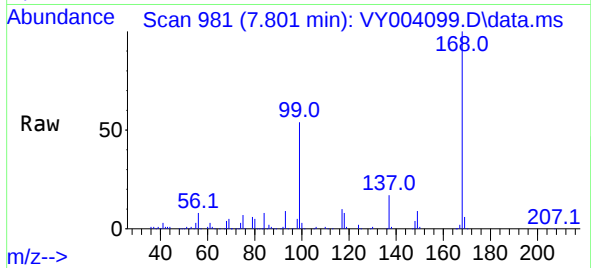
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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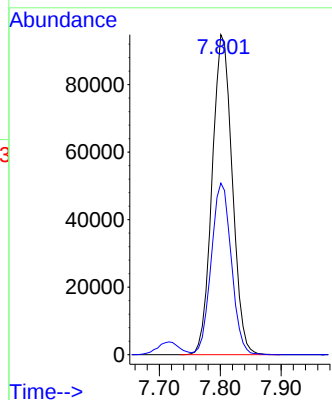
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
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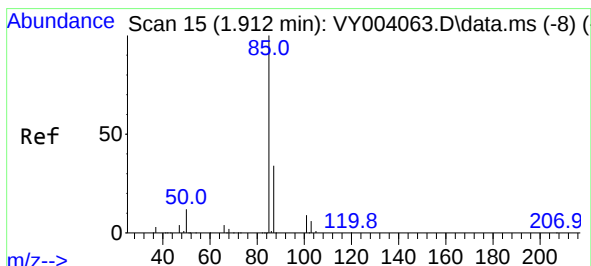
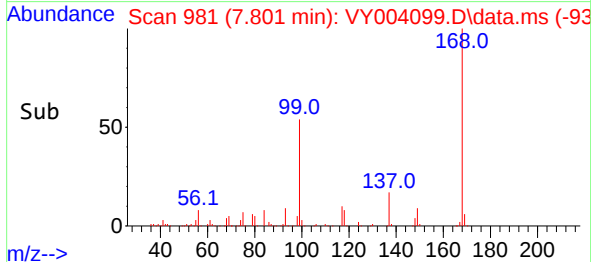
Tgt Ion:168 Resp: 217369
Ion Ratio Lower Upper
168 100
99 53.6 41.2 61.8



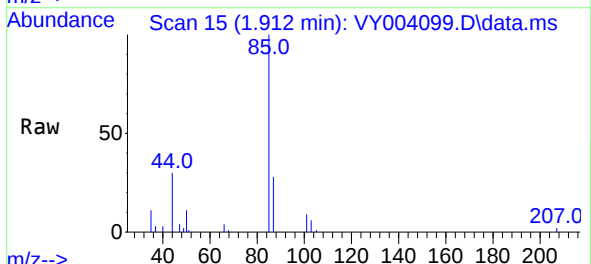
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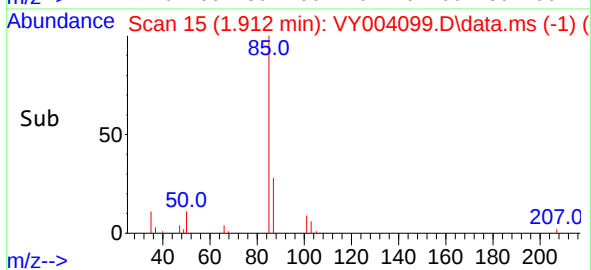
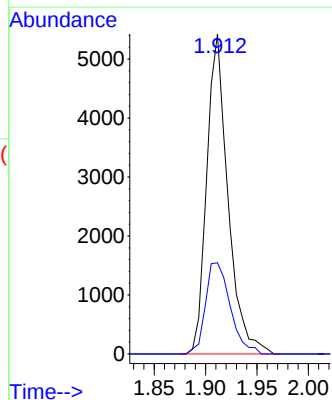
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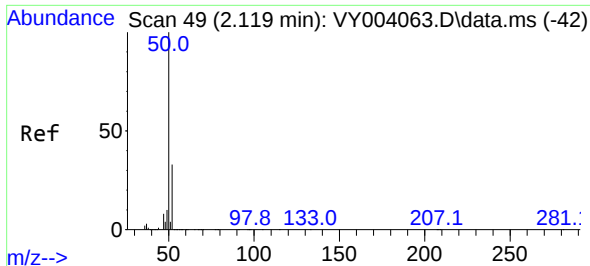


#2
Dichlorodifluoromethane
Concen: 4.46 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion: 85 Resp: 7797
Ion Ratio Lower Upper
85 100
87 28.5 17.0 51.0





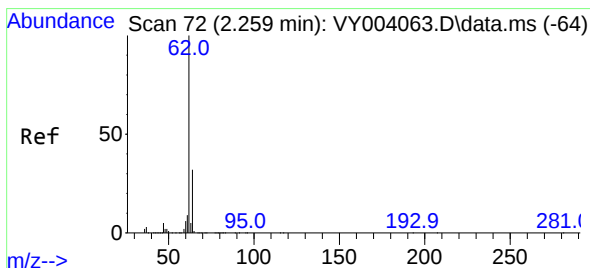
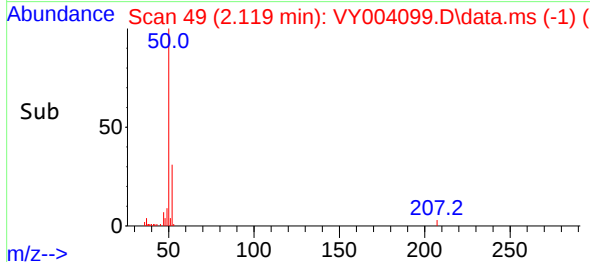
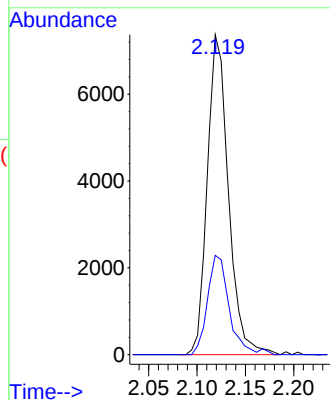
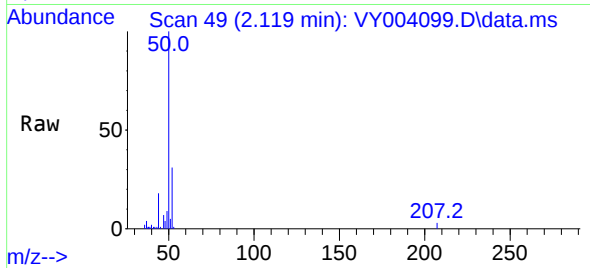
#3
Chloromethane
Concen: 4.77 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004099.D
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Tgt Ion: 50 Resp: 11218
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.2

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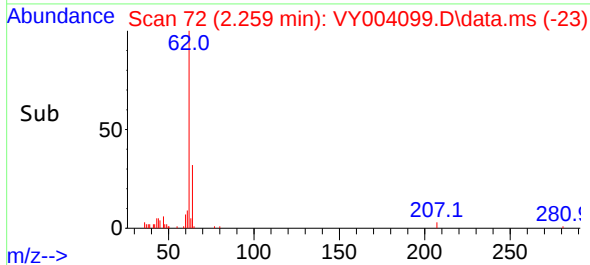
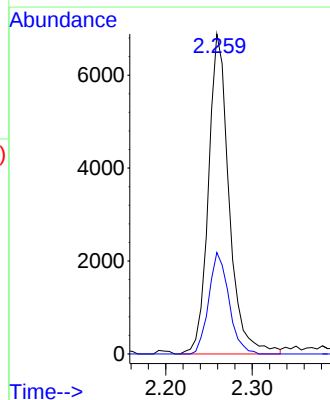
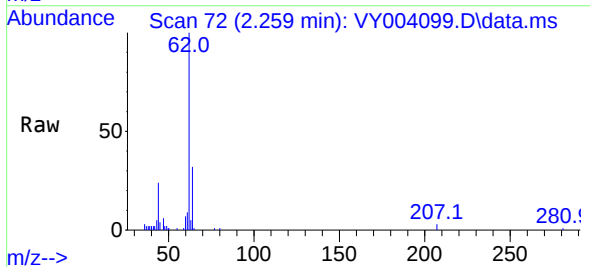
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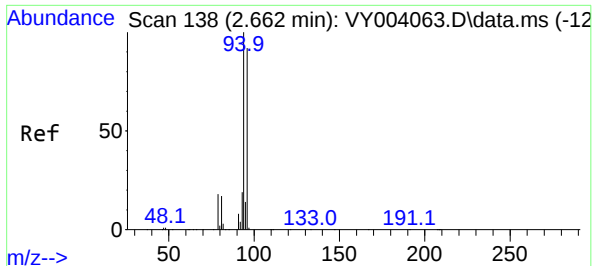
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#4
Vinyl Chloride
Concen: 4.34 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 62 Resp: 11412
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9





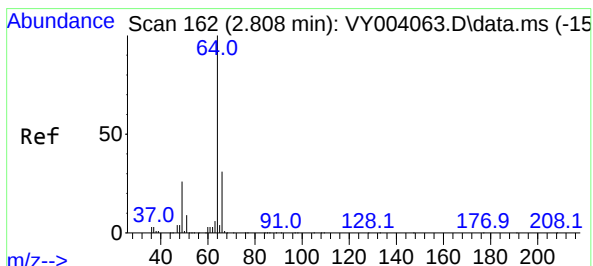
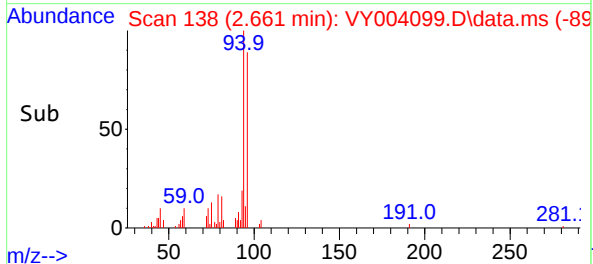
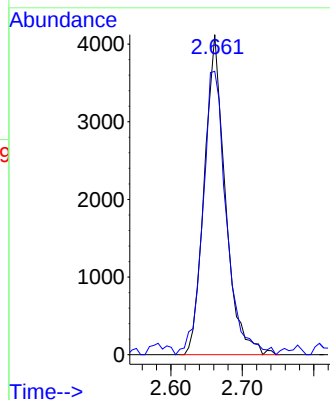
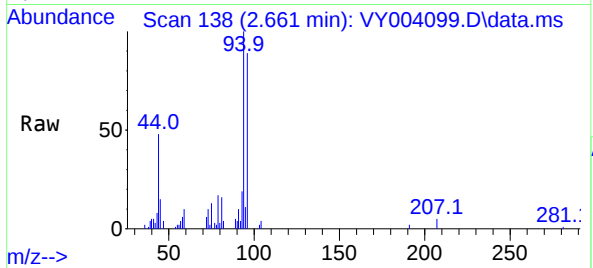
#5
Bromomethane
Concen: 5.01 ug/l
RT: 2.661 min Scan# 138
Delta R.T. -0.001 min
Lab File: VY004099.D
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Tgt Ion: 94 Resp: 8409
Ion Ratio Lower Upper
94 100
96 87.3 77.4 116.2

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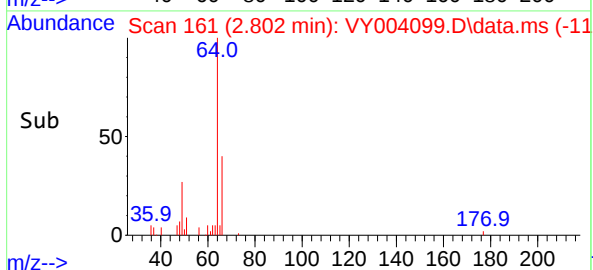
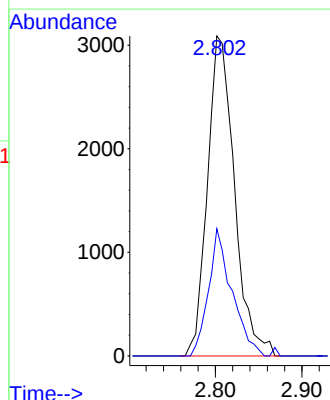
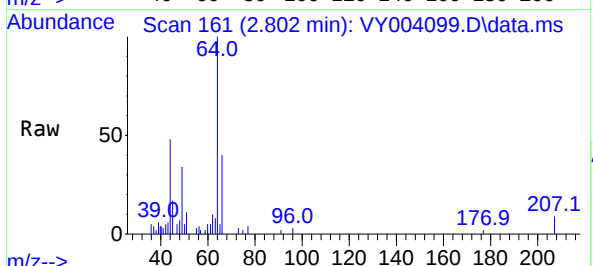
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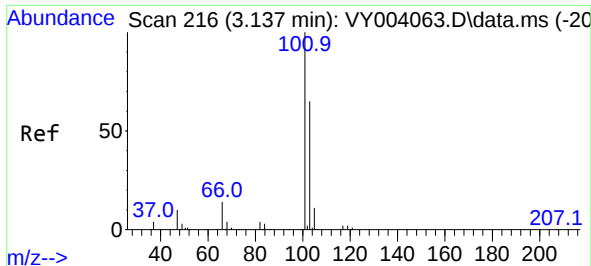
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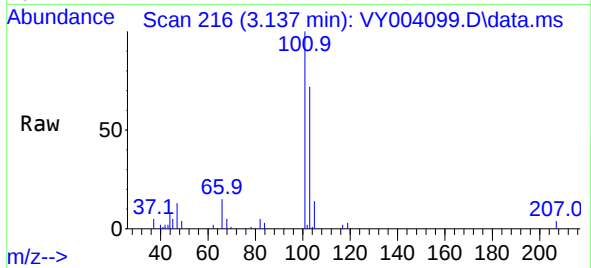
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Chloroethane
Concen: 4.18 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 64 Resp: 6690
Ion Ratio Lower Upper
64 100
66 39.8 25.0 37.6#

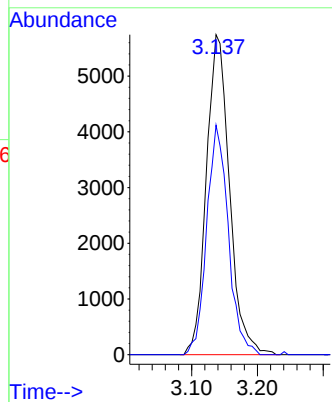
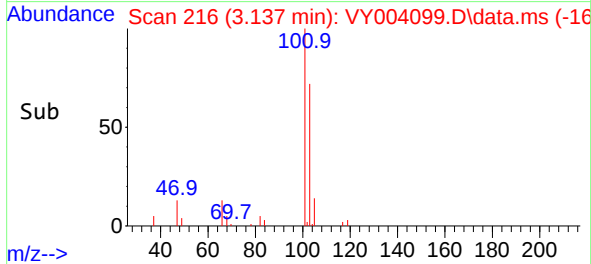




#7
Trichlorofluoromethane
Concen: 4.02 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY004099.D
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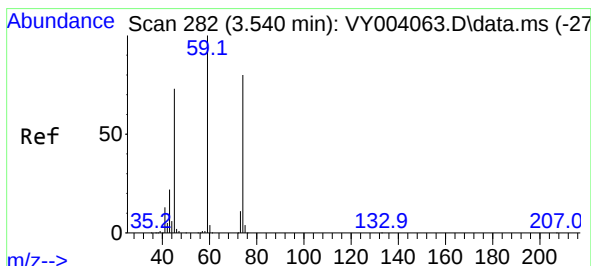
Tgt Ion:101 Resp: 14049
Ion Ratio Lower Upper
101 100
103 71.7 52.2 78.2



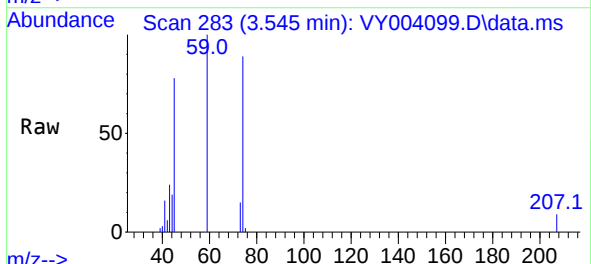
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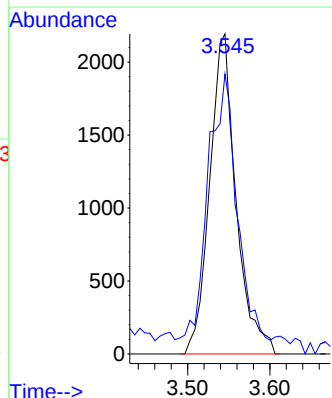
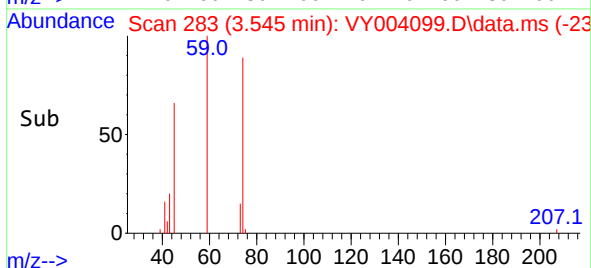
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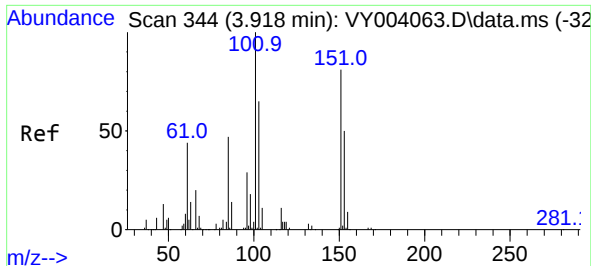


#8
Diethyl Ether
Concen: 4.36 ug/l
RT: 3.545 min Scan# 283
Delta R.T. 0.005 min
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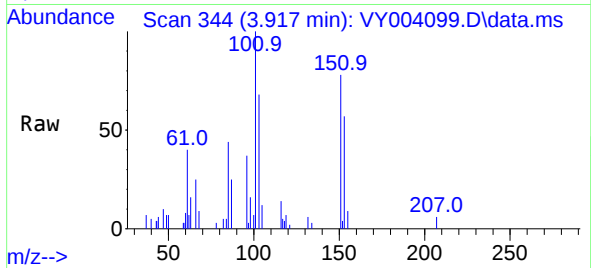


Tgt Ion: 74 Resp: 4874
Ion Ratio Lower Upper
74 100
45 89.3 52.6 157.8

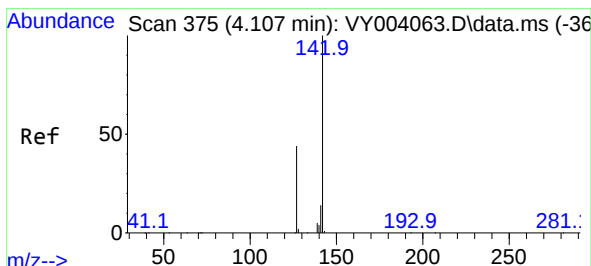
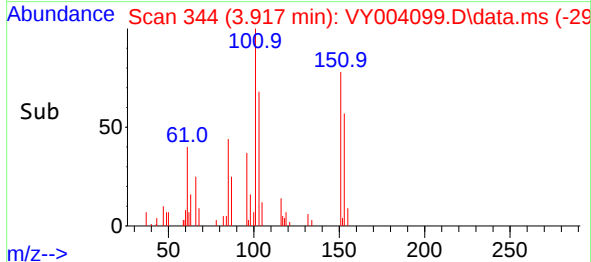
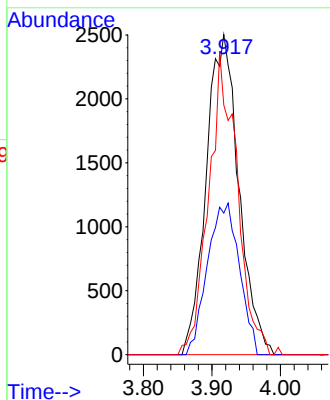




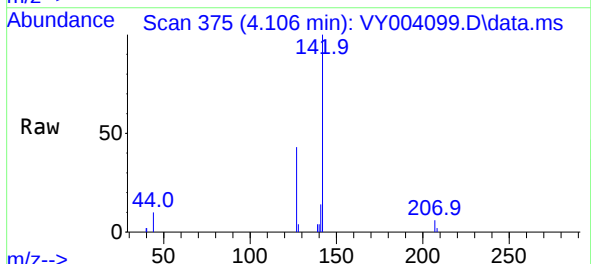
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.23 ug/l
RT: 3.917 min Scan# 344
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



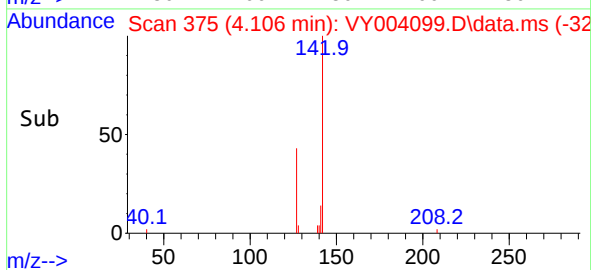
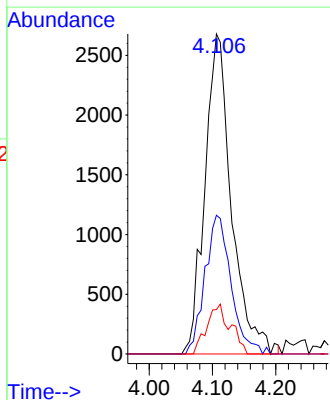
Tgt Ion:101 Resp: 8258
Ion Ratio Lower Upper
101 100
85 46.3 36.1 54.1
151 82.6 66.9 100.3



#10
Methyl Iodide
Concen: 3.93 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



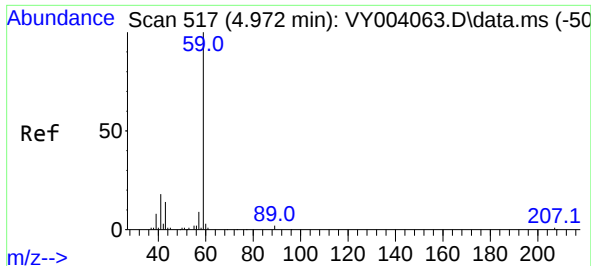
Tgt Ion:142 Resp: 7846
Ion Ratio Lower Upper
142 100
127 42.5 35.4 53.0
141 13.8 11.5 17.3



Instrument :
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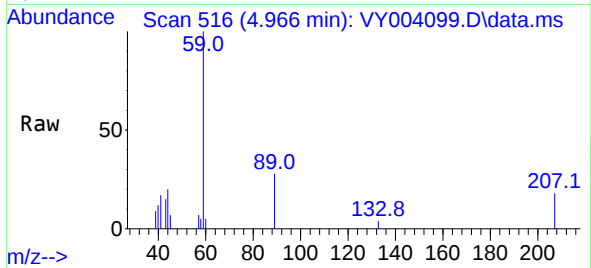
Manual Integrations
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#11
Tert butyl alcohol
Concen: 24.20 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

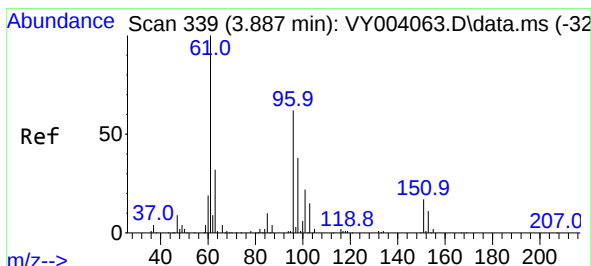
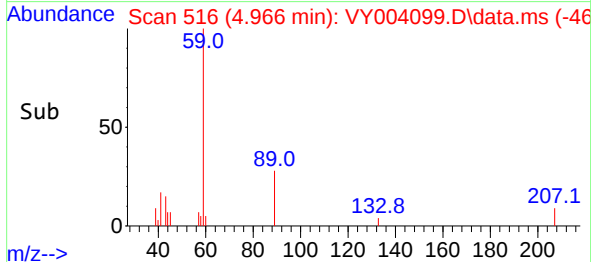
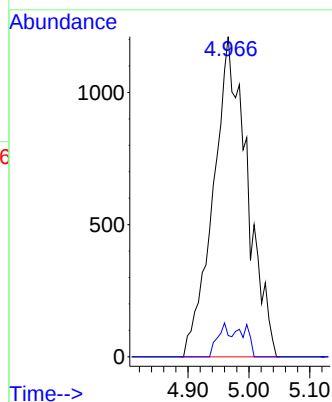
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 59 Resp: 4693
Ion Ratio Lower Upper
59 100
57 3.9 6.9 10.3#

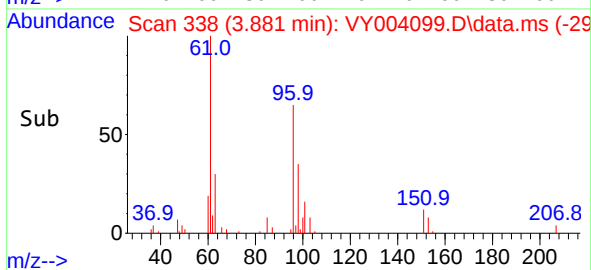
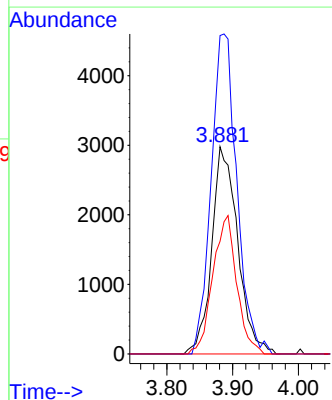
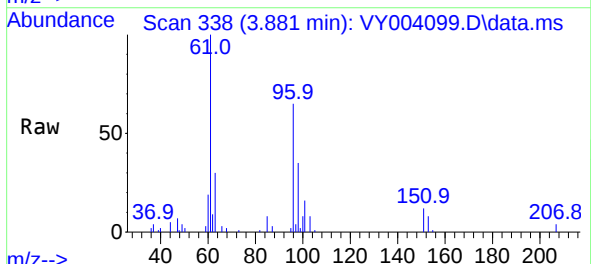
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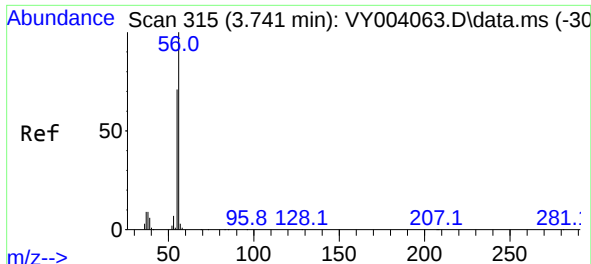
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#12
1,1-Dichloroethene
Concen: 4.28 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 96 Resp: 8183
Ion Ratio Lower Upper
96 100
61 153.7 130.7 196.1
98 54.4 48.9 73.3





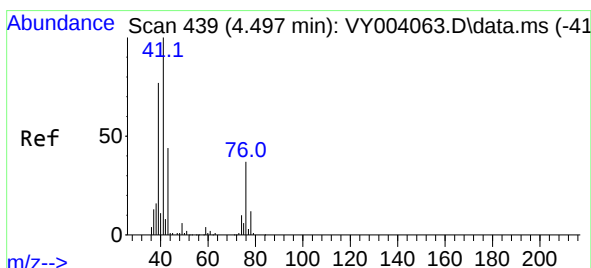
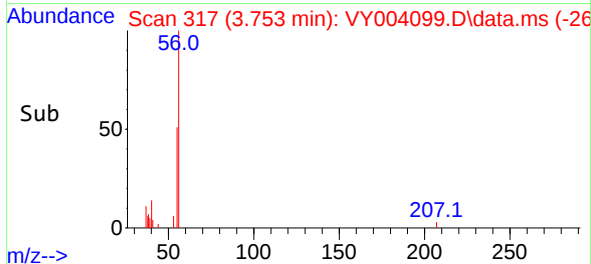
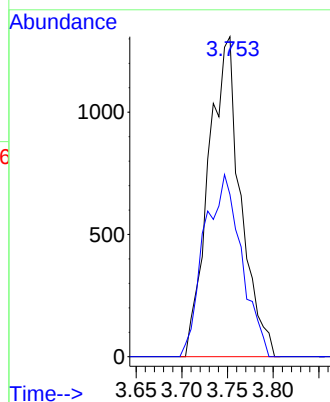
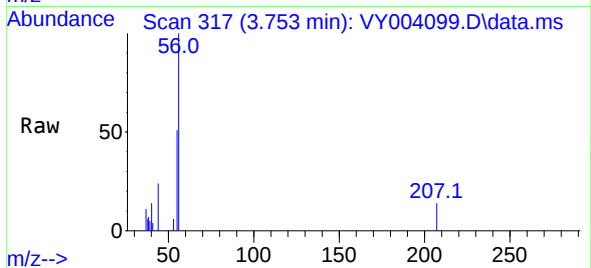
#13
Acrolein
Concen: 16.67 ug/l
RT: 3.753 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 56 Resp: 3207
Ion Ratio Lower Upper
56 100
55 65.9 55.4 83.0

Instrument :
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ClientSampleId :
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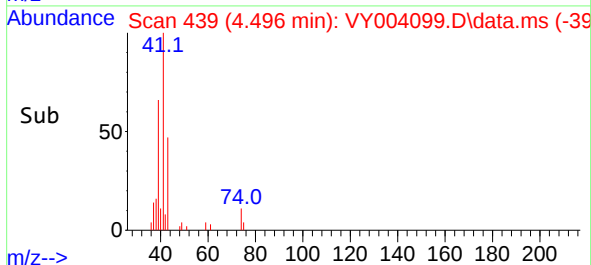
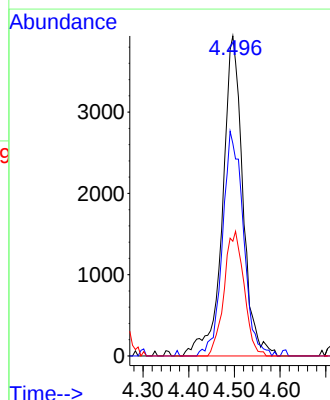
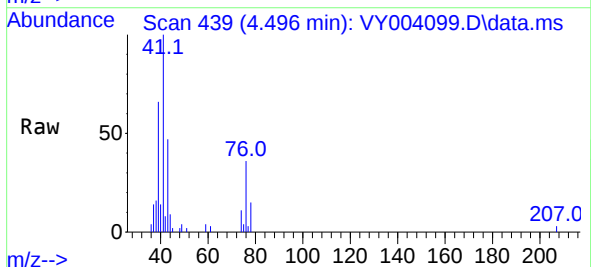
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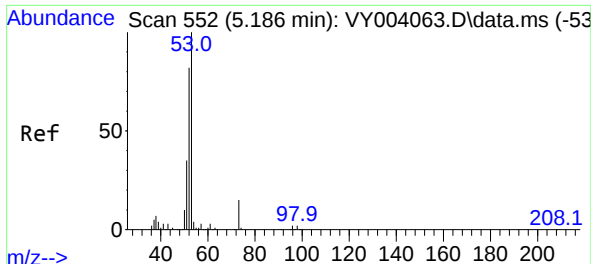
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#14
Allyl chloride
Concen: 3.84 ug/l
RT: 4.496 min Scan# 439
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

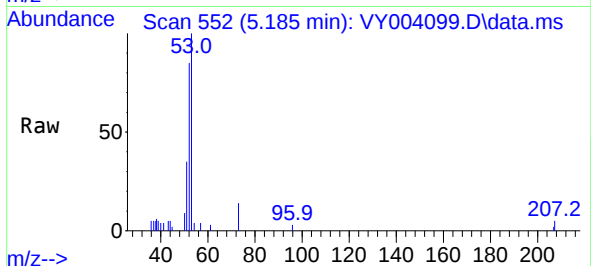
Tgt Ion: 41 Resp: 12143
Ion Ratio Lower Upper
41 100
39 72.2 54.0 81.0
76 38.2 26.1 39.1





#15
Acrylonitrile
Concen: 19.63 ug/l
RT: 5.185 min Scan# 552
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

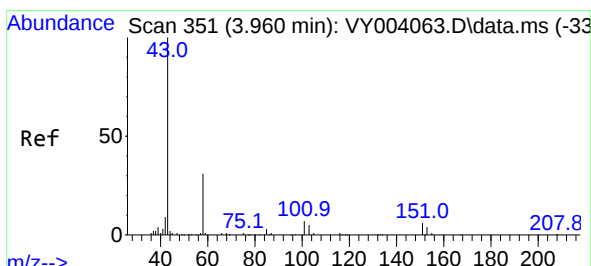
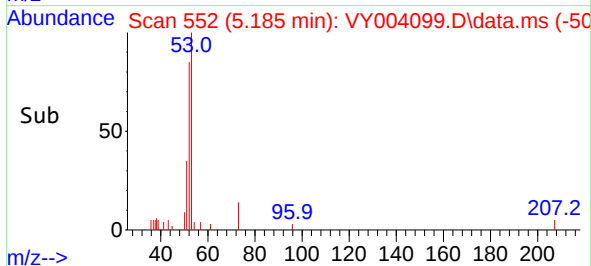
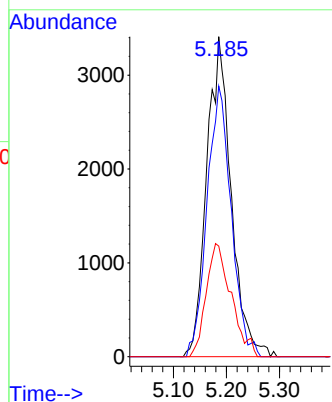
Instrument :
MSVOA_Y
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Tgt Ion: 53 Resp: 10920
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.4
51 36.1 29.5 44.3

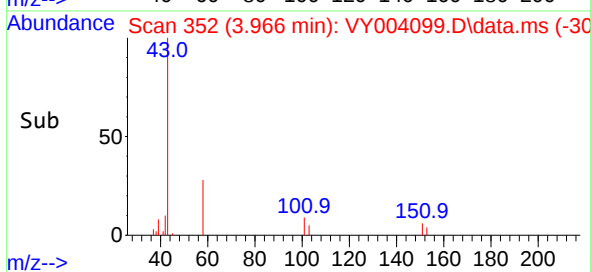
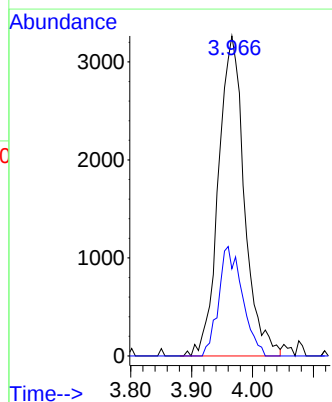
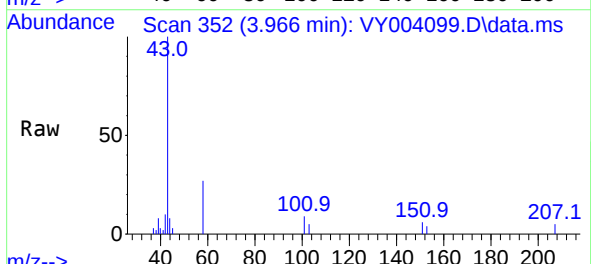
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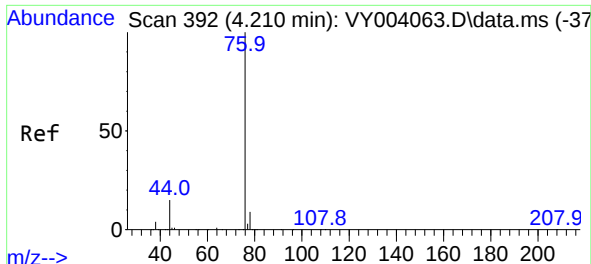
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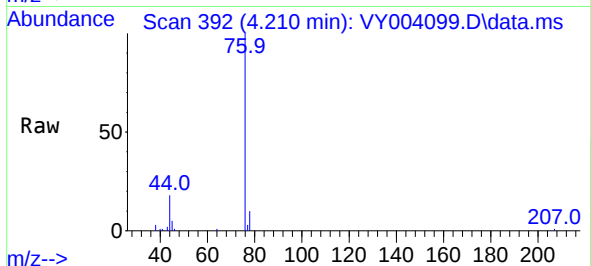
#16
Acetone
Concen: 18.64 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 43 Resp: 9652
Ion Ratio Lower Upper
43 100
58 27.2 22.6 34.0

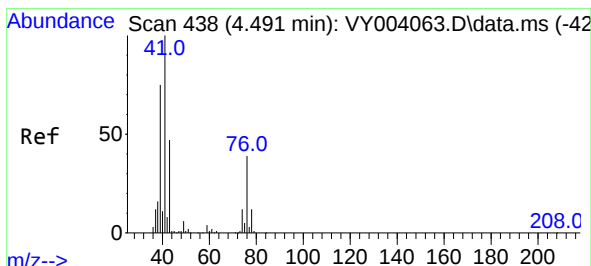
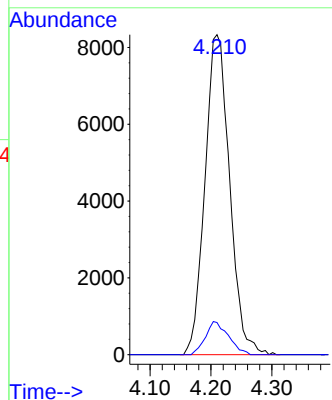
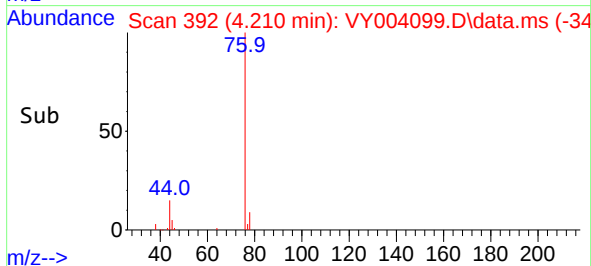




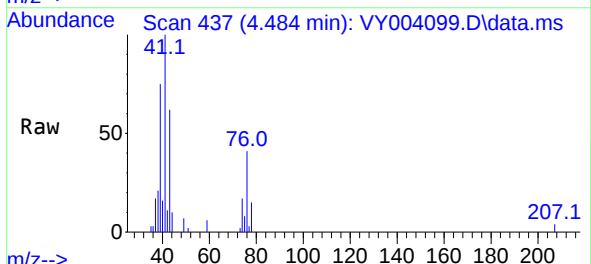
#17
Carbon Disulfide
Concen: 4.18 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



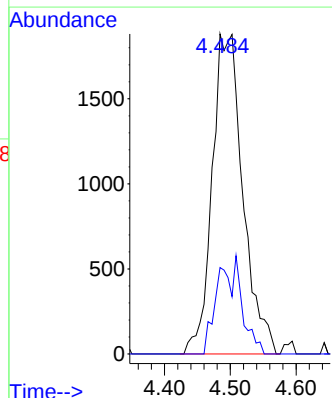
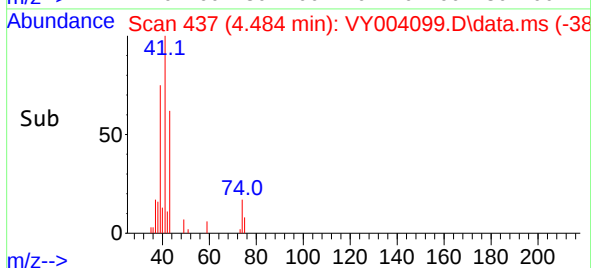
Tgt Ion: 76 Resp: 23472
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 4.78 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.007 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



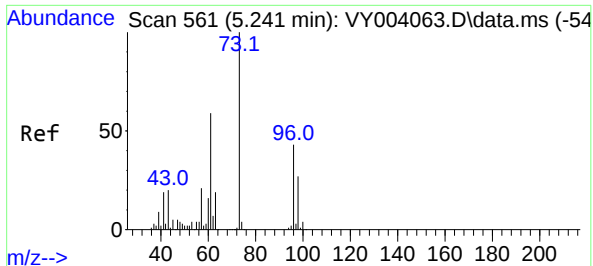
Tgt Ion: 43 Resp: 6111
Ion Ratio Lower Upper
43 100
74 14.9 17.6 26.4#



Instrument :
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#19

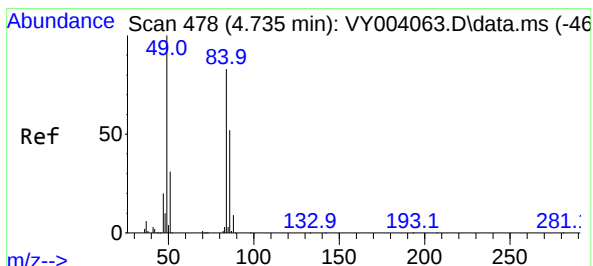
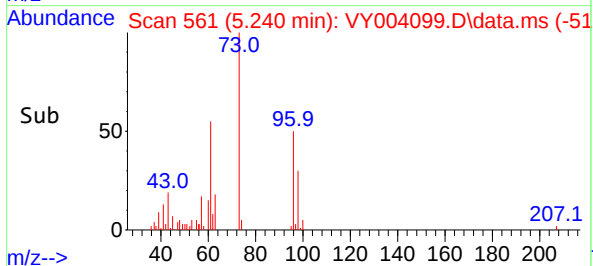
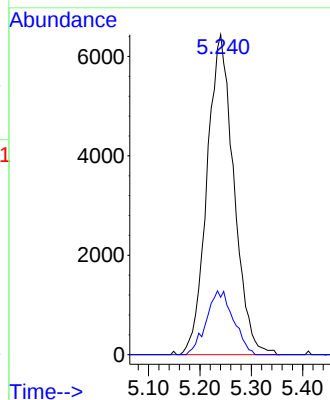
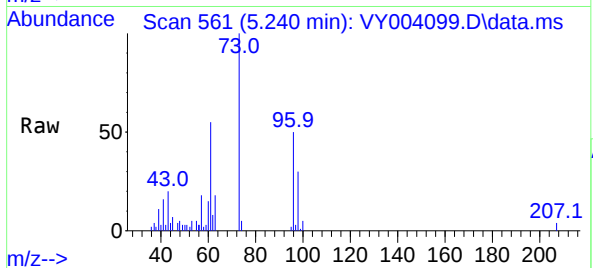
Methyl tert-butyl Ether
Concen: 4.29 ug/l
RT: 5.240 min Scan# 561
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 73 Resp: 23351
Ion Ratio Lower Upper
73 100
57 17.9 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
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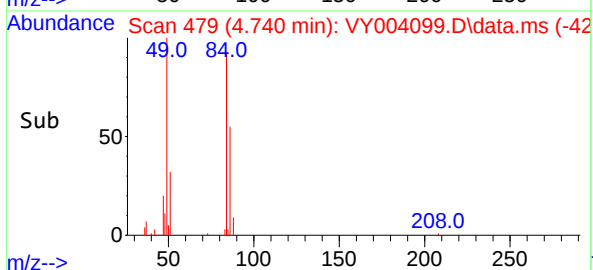
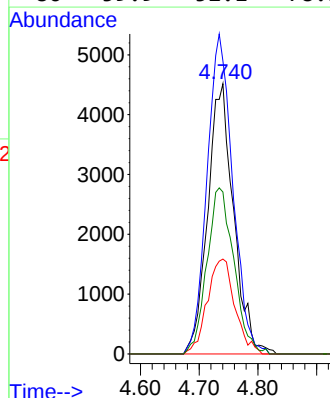
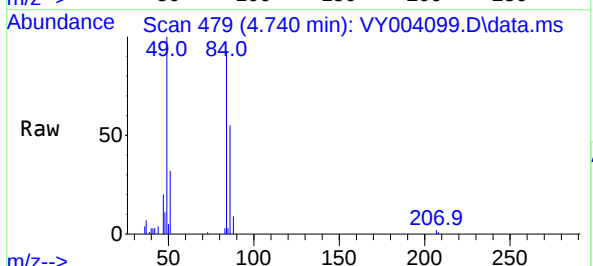
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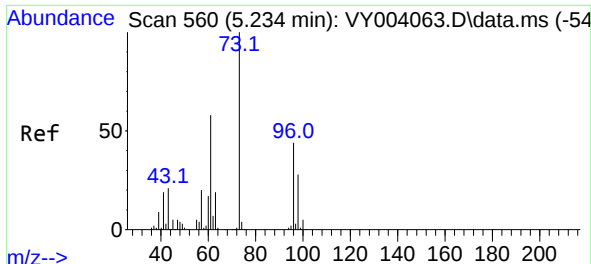


#20

Methylene Chloride
Concen: 5.52 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.005 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 84 Resp: 13804
Ion Ratio Lower Upper
84 100
49 108.4 105.8 158.6
51 35.1 32.6 48.8
86 59.9 52.1 78.1





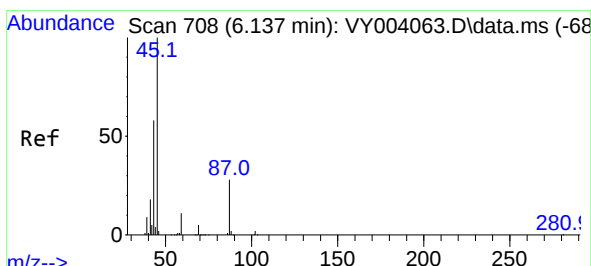
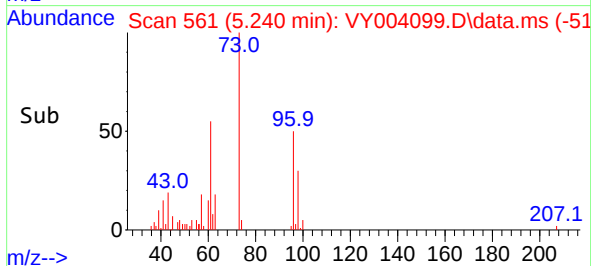
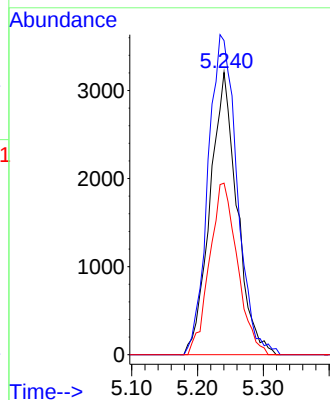
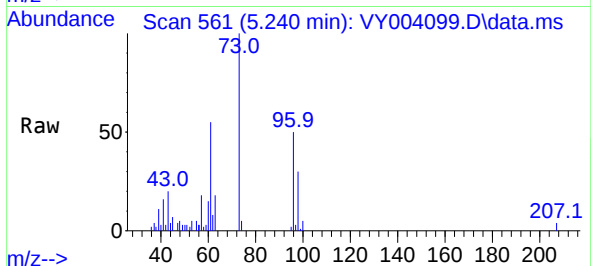
#21
trans-1,2-Dichloroethene
Concen: 4.28 ug/l
RT: 5.240 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 96 Resp: 9194
Ion Ratio Lower Upper
96 100
61 111.3 110.8 166.2
98 60.8 51.0 76.6

Instrument :
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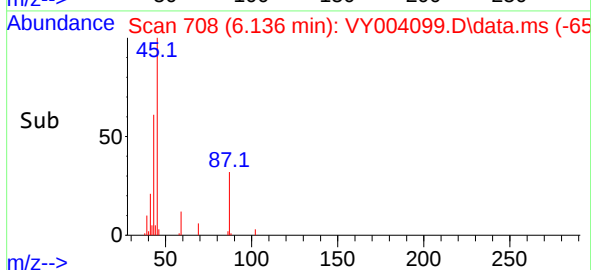
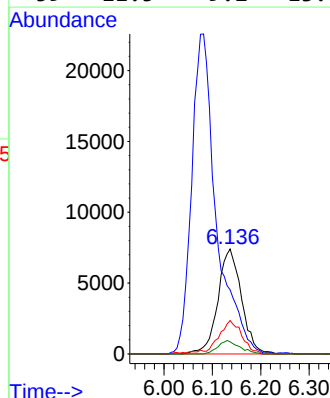
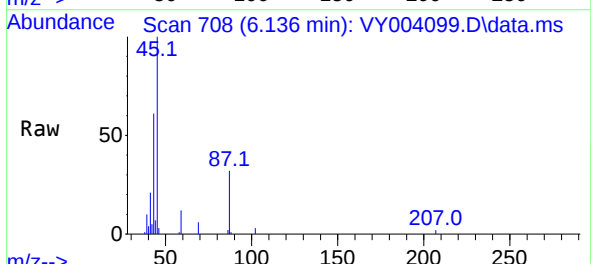
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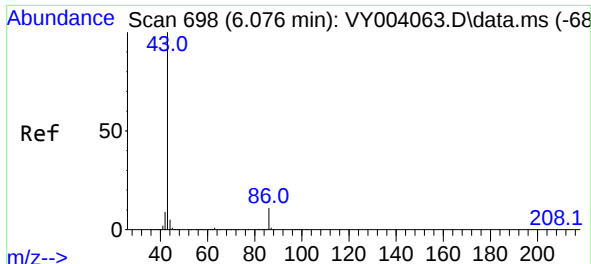
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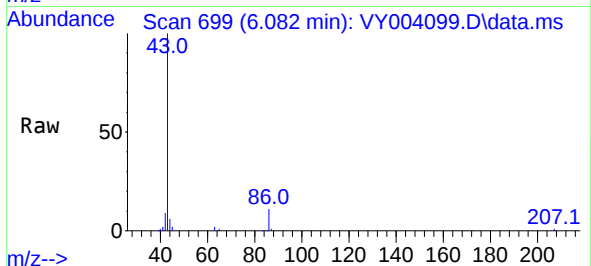
#22
Diisopropyl ether
Concen: 3.75 ug/l
RT: 6.136 min Scan# 708
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 45 Resp: 25053
Ion Ratio Lower Upper
45 100
43 60.2 45.1 67.7
87 31.9 21.0 31.4#
59 11.5 9.2 13.8

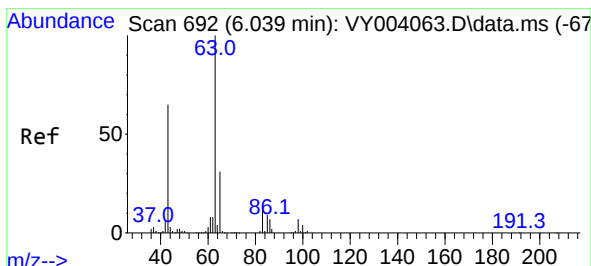
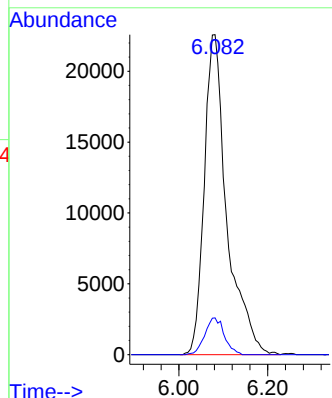
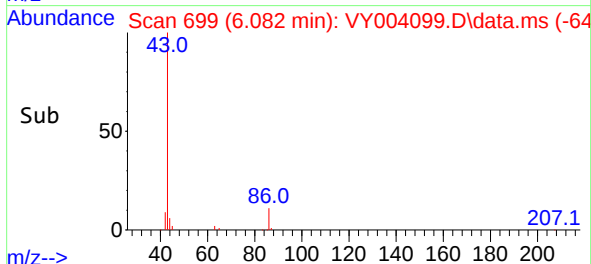




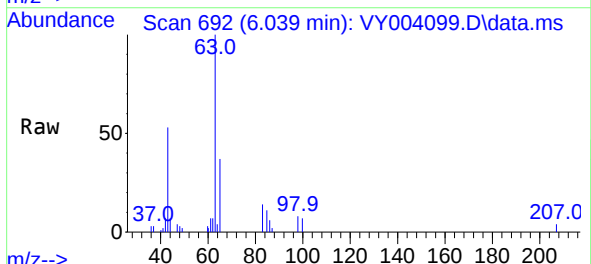
#23
Vinyl Acetate
Concen: 18.22 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



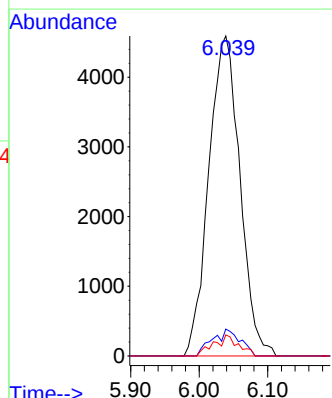
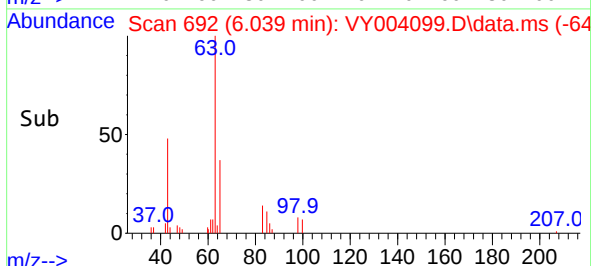
Tgt Ion: 43 Resp: 80037
Ion Ratio Lower Upper
43 100
86 11.5 7.8 11.6



#24
1,1-Dichloroethane
Concen: 3.91 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



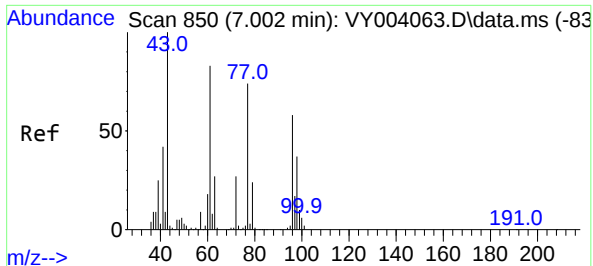
Tgt Ion: 63 Resp: 14502
Ion Ratio Lower Upper
63 100
98 8.4 3.5 10.4
100 6.6 2.3 6.9



Instrument :
MSVOA_Y
ClientSampleId :
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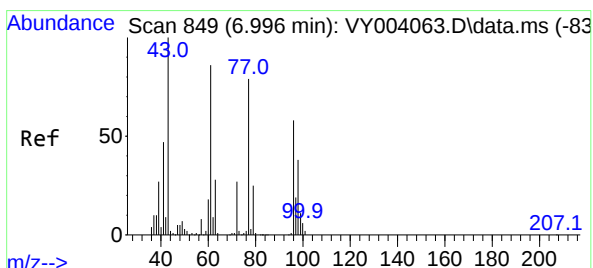
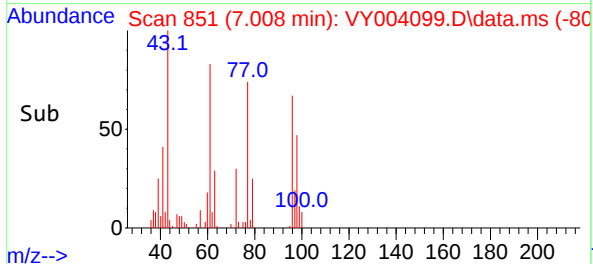
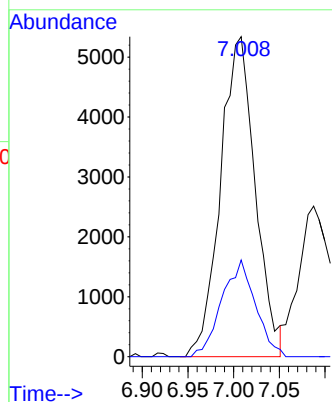
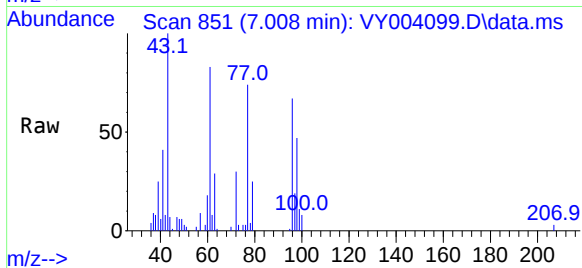
#25
2-Butanone
Concen: 18.95 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 43 Resp: 14146
Ion Ratio Lower Upper
43 100
72 30.2 19.4 29.0#

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

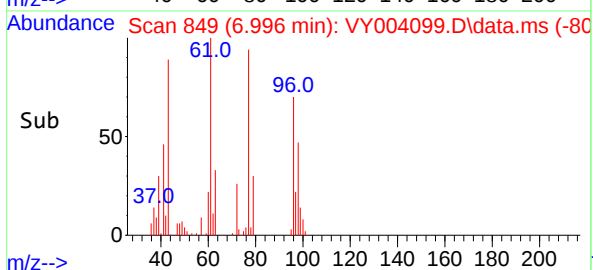
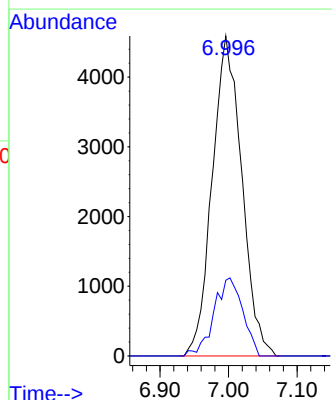
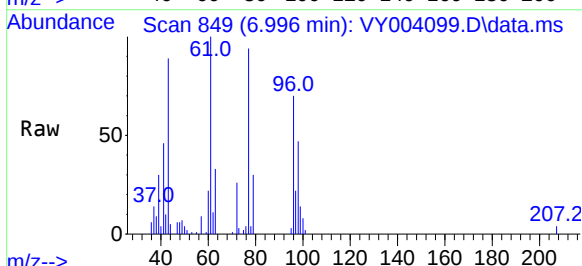
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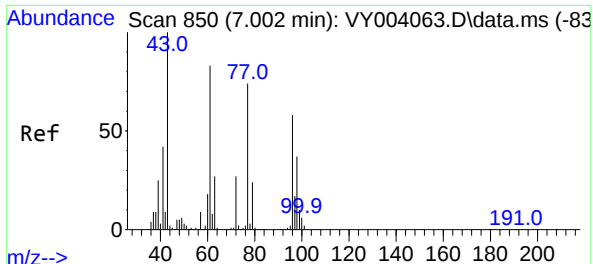
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#26
2,2-Dichloropropane
Concen: 3.88 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

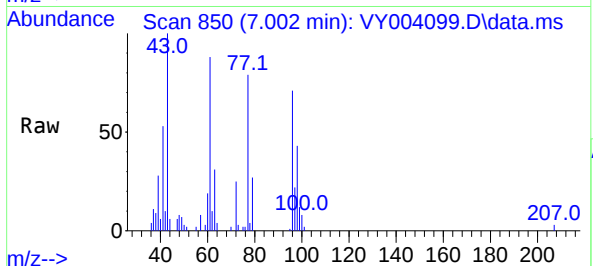
Tgt Ion: 77 Resp: 13718
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 4.11 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

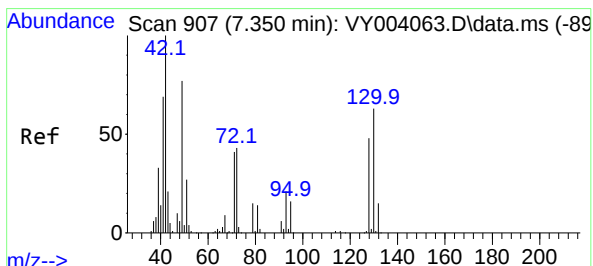
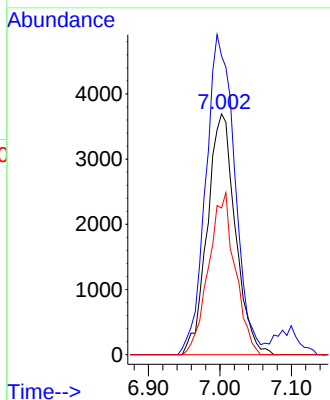
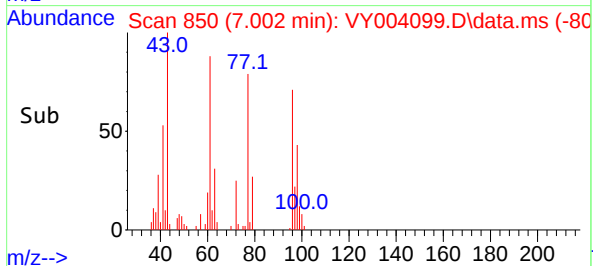
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



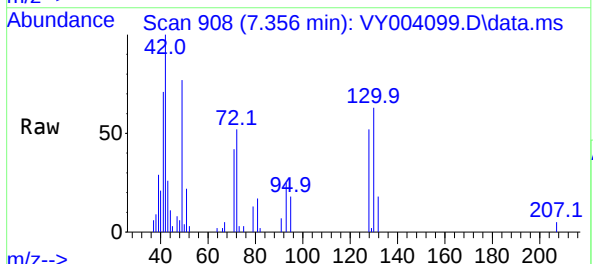
Tgt Ion: 96 Resp: 10057
Ion Ratio Lower Upper
96 100
61 137.4 0.0 303.6
98 63.6 0.0 130.6

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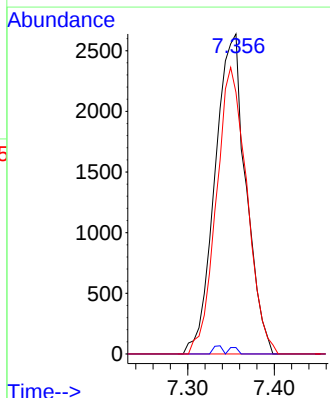
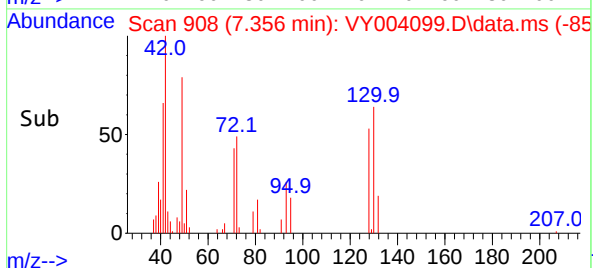
MMDadoda
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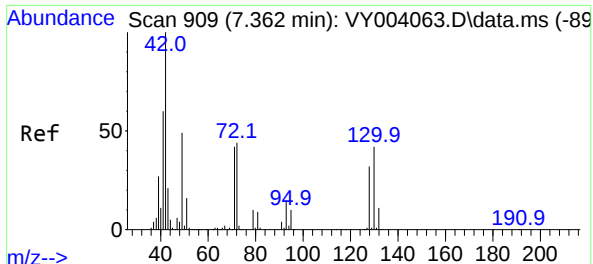


#28
Bromochloromethane
Concen: 4.05 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion: 49 Resp: 6551
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.4
130 88.5 59.0 88.4#





#29

Tetrahydrofuran

Concen: 21.45 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY004099.D

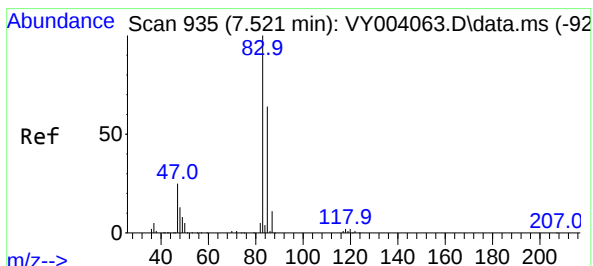
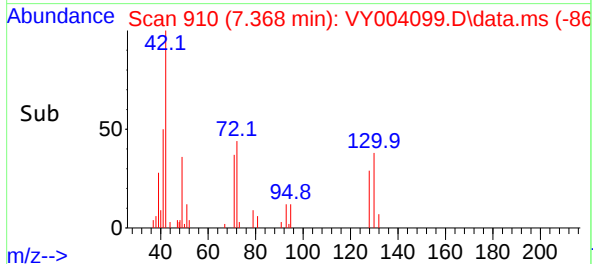
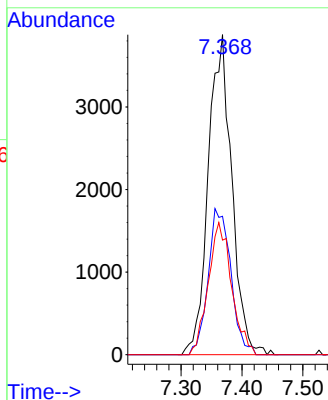
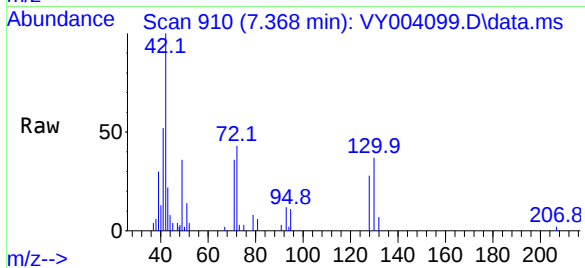
Acq: 17 Mar 2021 13:37

Tgt Ion:	42	Resp:	10402
Ion	Ratio	Lower	Upper
42	100		
72	44.1	32.6	48.8
71	41.0	31.0	46.6

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

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#30

Chloroform

Concen: 4.30 ug/l

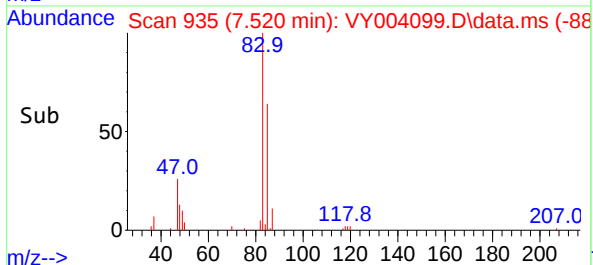
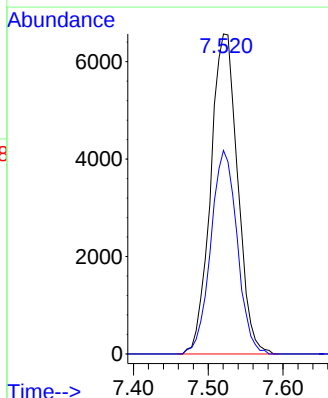
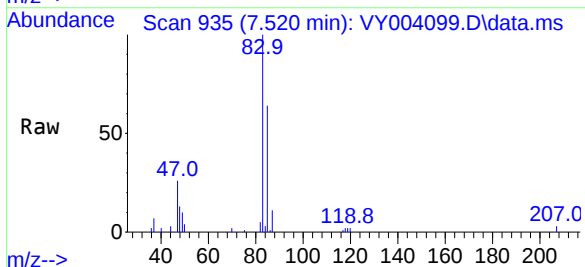
RT: 7.520 min Scan# 935

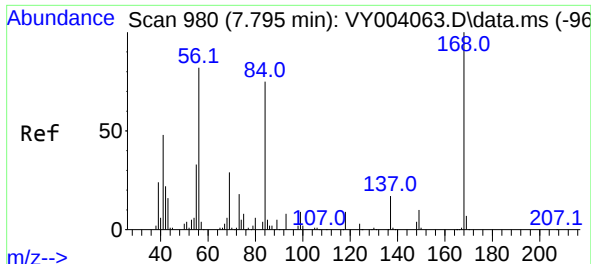
Delta R.T. -0.001 min

Lab File: VY004099.D

Acq: 17 Mar 2021 13:37

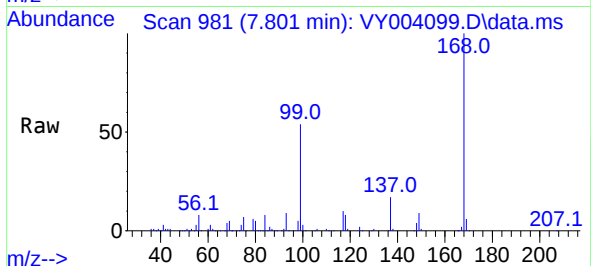
Tgt Ion:	83	Resp:	16513
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.6





#31
Cyclohexane
Concen: 4.77 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

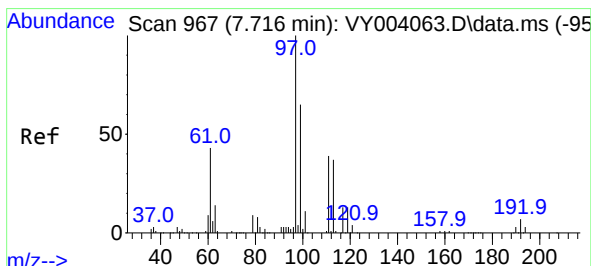
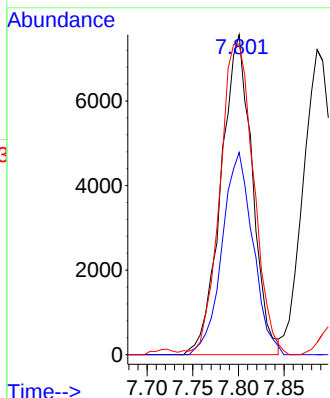
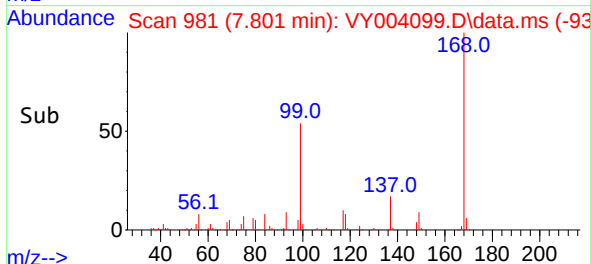
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



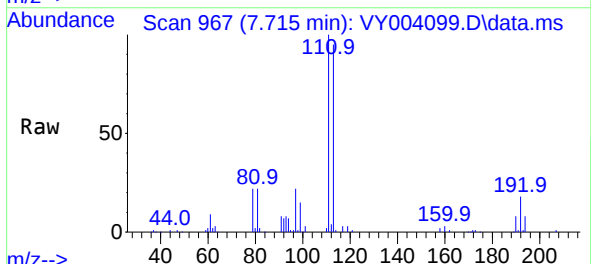
Tgt Ion: 56 Resp: 17940
Ion Ratio Lower Upper
56 100
69 63.2 25.3 37.9#
84 96.4 67.3 100.9

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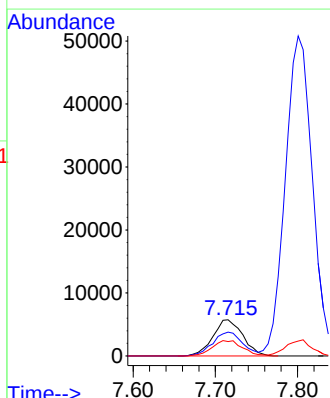
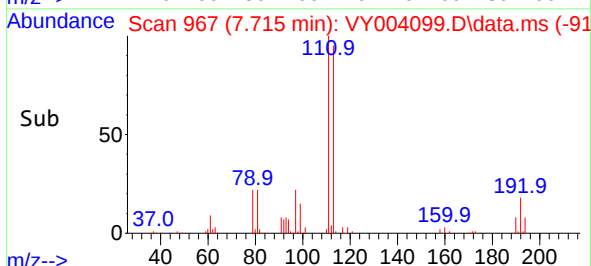
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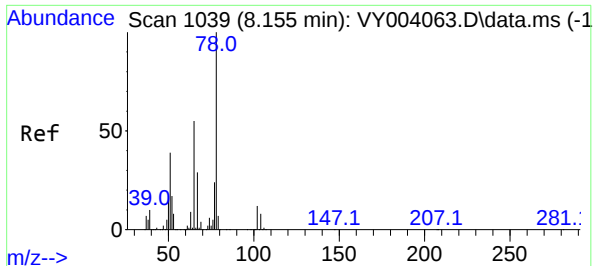


#32
1,1,1-Trichloroethane
Concen: 4.07 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion: 97 Resp: 14493
Ion Ratio Lower Upper
97 100
99 66.6 51.8 77.6
61 43.4 34.5 51.7





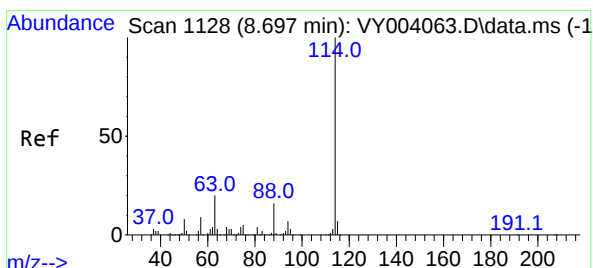
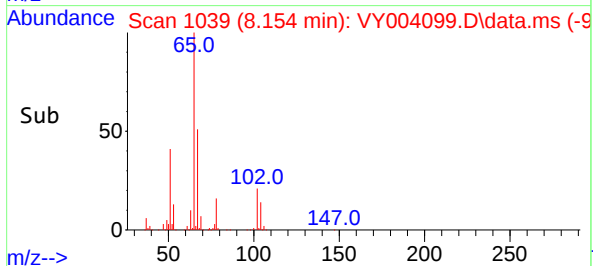
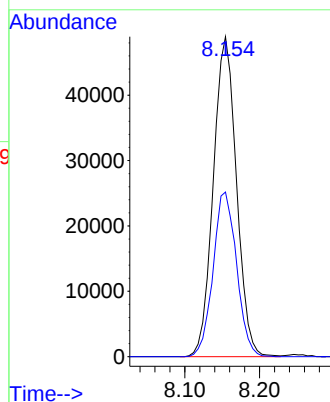
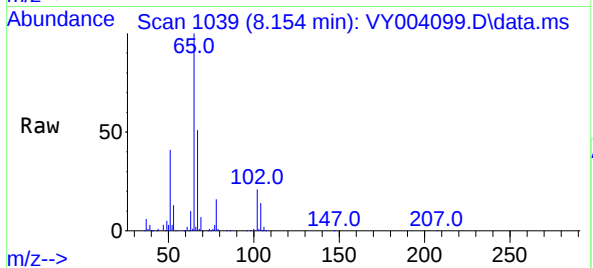
#33
1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 65 Resp: 105320
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4

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

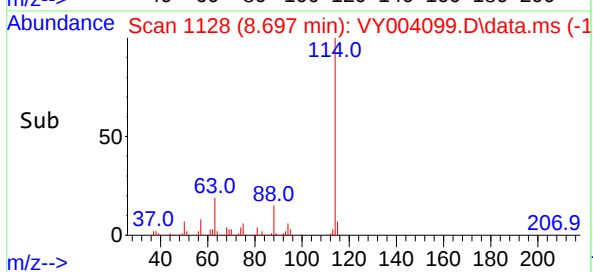
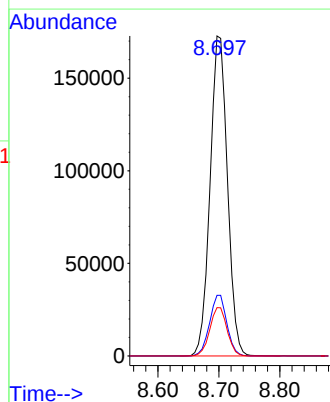
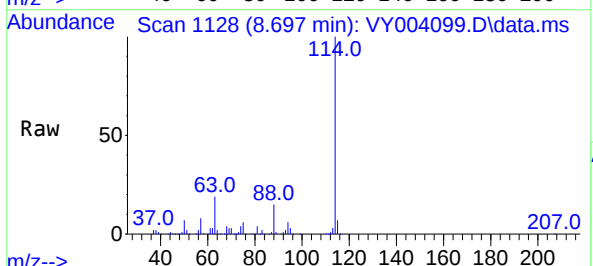
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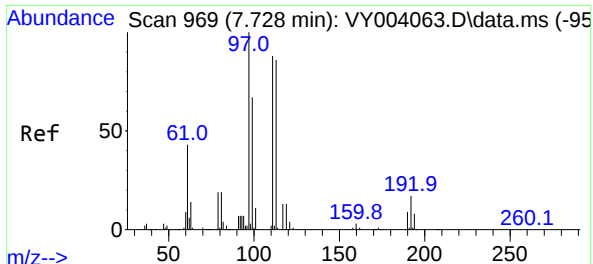
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 114 Resp: 341287
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.1 0.0 31.4





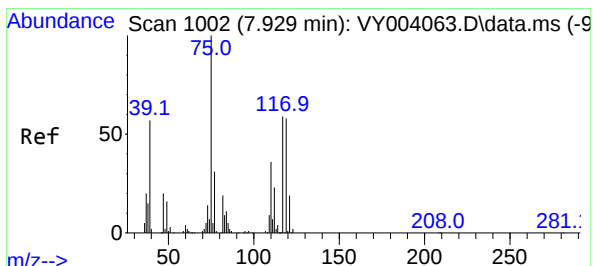
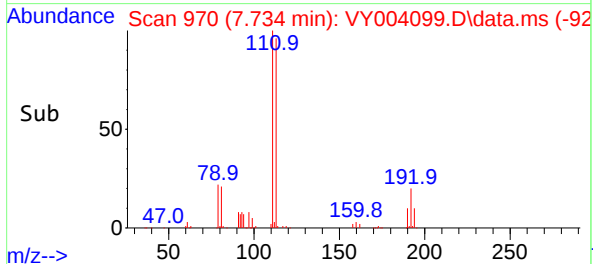
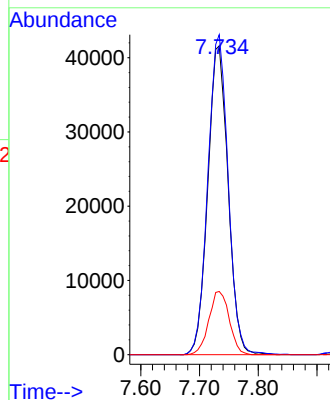
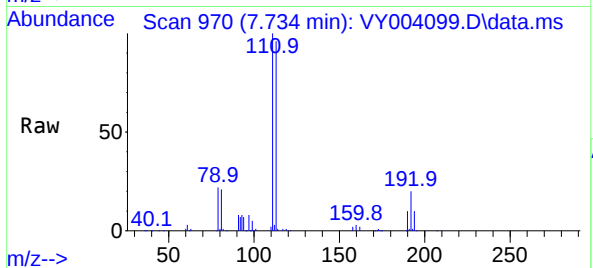
#35
Dibromofluoromethane
Concen: 51.85 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 113 Resp: 99799
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 20.6 18.5 27.7

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

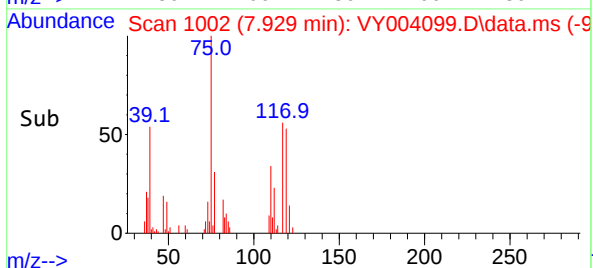
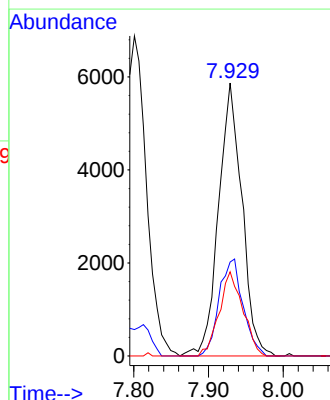
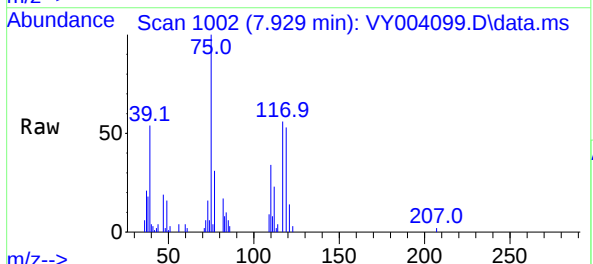
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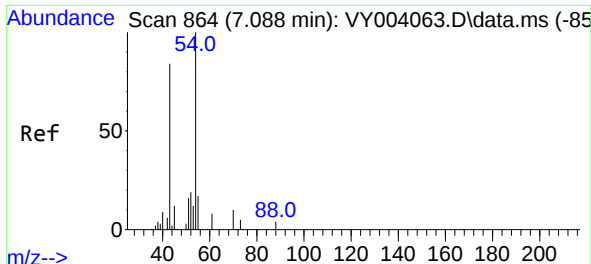
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#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 75 Resp: 12798
Ion Ratio Lower Upper
75 100
110 36.3 17.4 52.3
77 31.2 24.5 36.7





#37

Ethyl Acetate

Concen: 3.91 ug/l

RT: 7.087 min Scan# 864

Delta R.T. -0.001 min

Lab File: VY004099.D

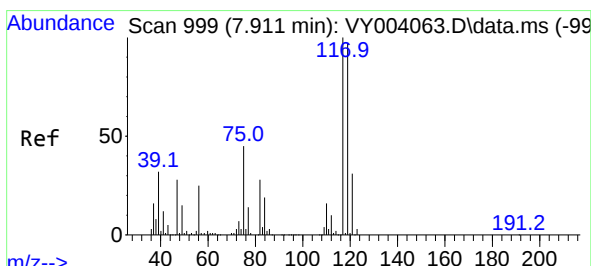
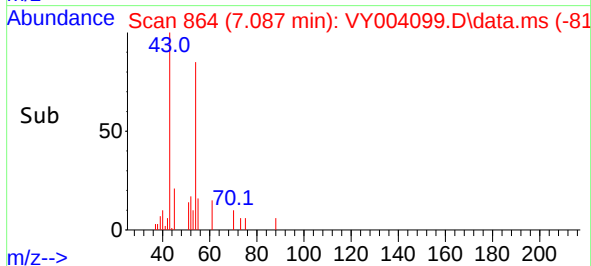
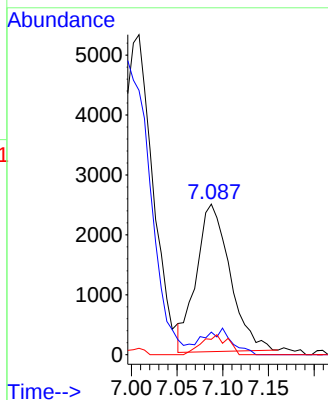
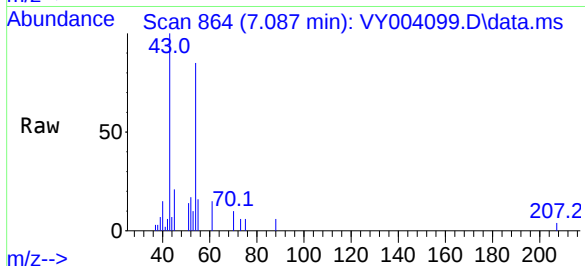
Acq: 17 Mar 2021 13:37

Tgt Ion:	43	Resp:	6317
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	10.4	7.7	11.5

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

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 4.06 ug/l

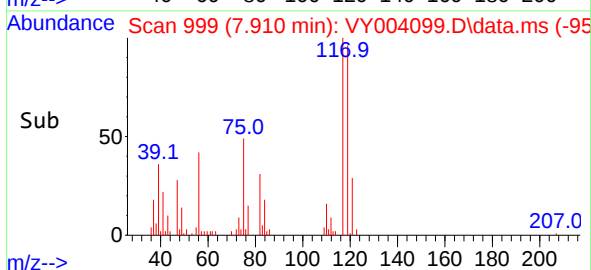
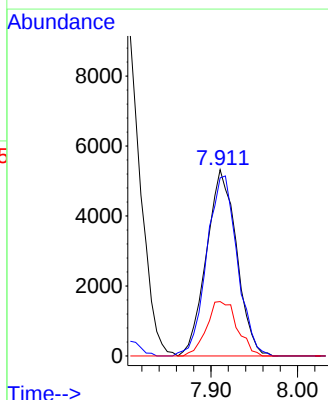
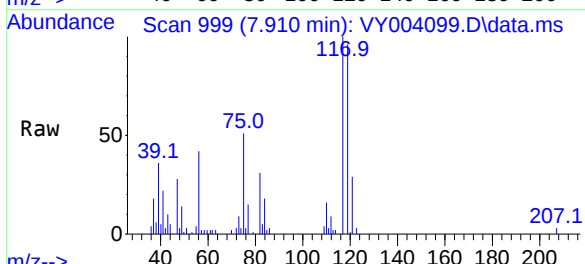
RT: 7.910 min Scan# 999

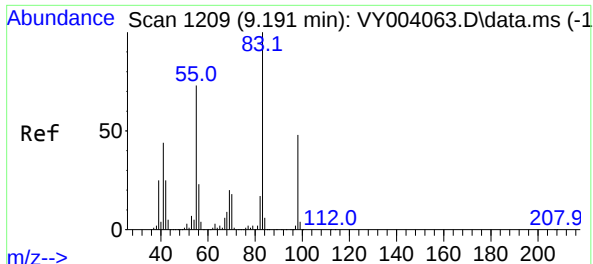
Delta R.T. -0.000 min

Lab File: VY004099.D

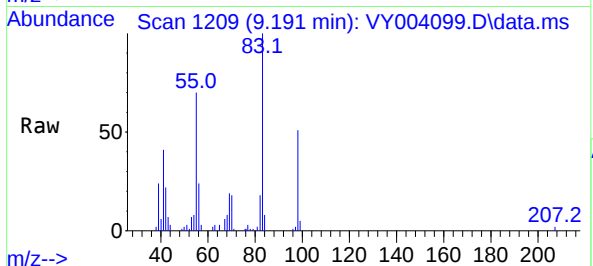
Acq: 17 Mar 2021 13:37

Tgt Ion:	117	Resp:	12904
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
121	29.2	24.2	36.2

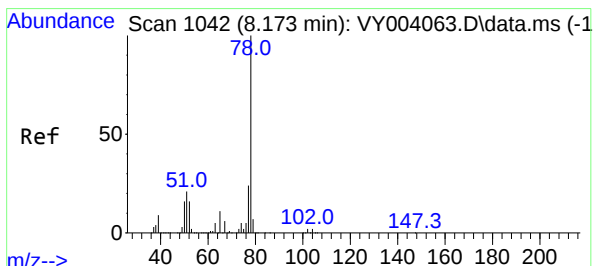
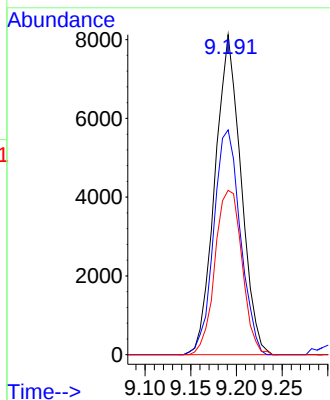
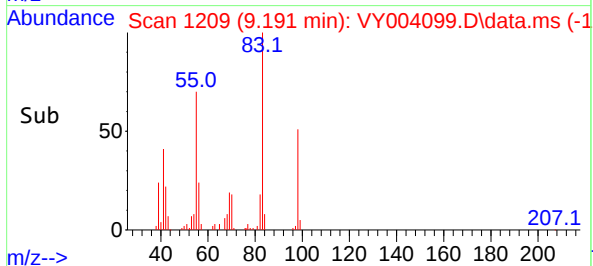




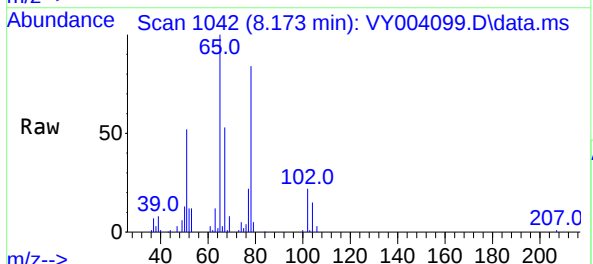
#39
Methylcyclohexane
Concen: 4.16 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



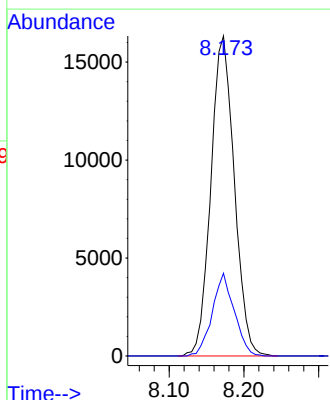
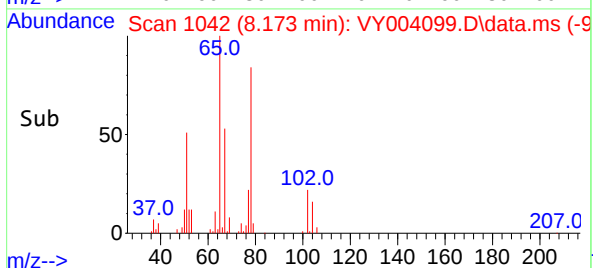
Tgt Ion: 83 Resp: 16117
Ion Ratio Lower Upper
83 100
55 70.3 65.6 98.4
98 51.3 39.5 59.3



#40
Benzene
Concen: 4.21 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



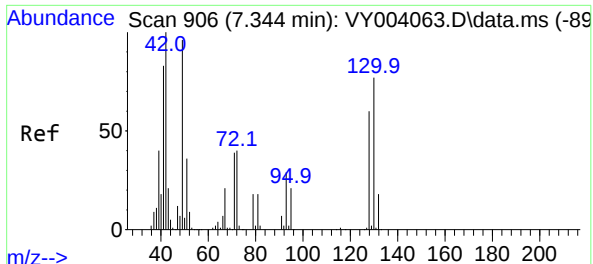
Tgt Ion: 78 Resp: 35591
Ion Ratio Lower Upper
78 100
77 25.8 20.1 30.1



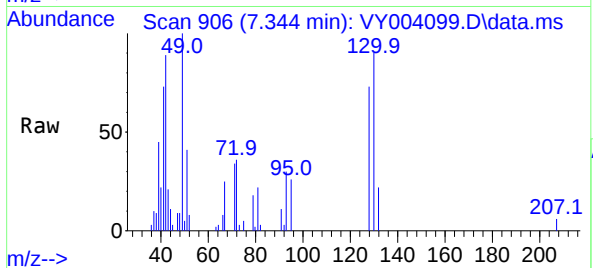
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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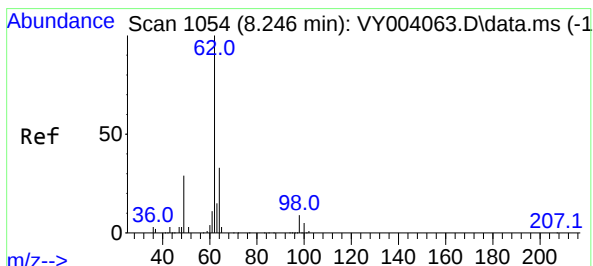
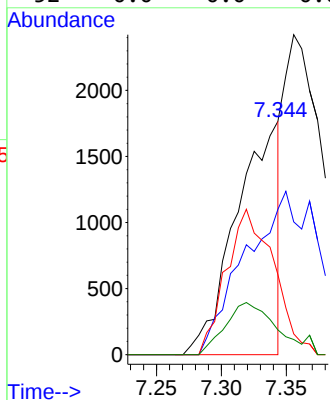
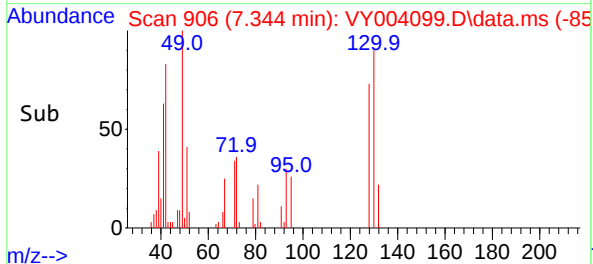


#41
Methacrylonitrile
Concen: 4.12 ug/l m
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

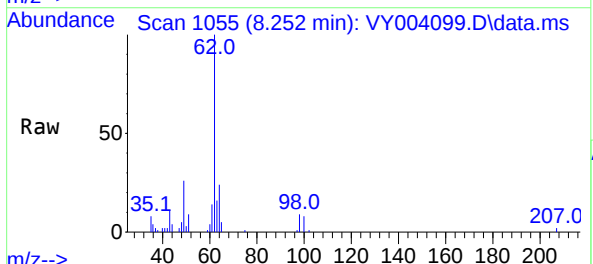


Tgt Ion: 41 Resp: 4126

Ion	Ratio	Lower	Upper
41	100		
39	119.4	91.2	136.8
67	0.0	0.0	0.0
52	0.0	0.0	0.0

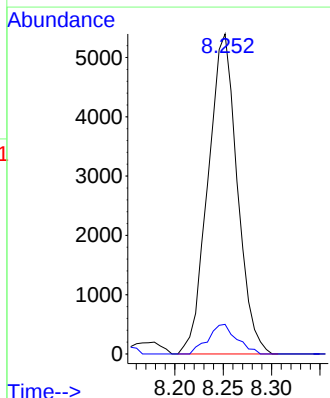
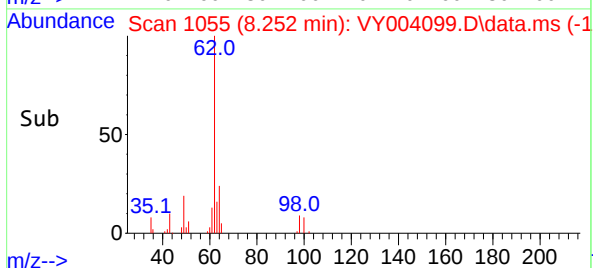


#42
1,2-Dichloroethane
Concen: 4.39 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion: 62 Resp: 11337

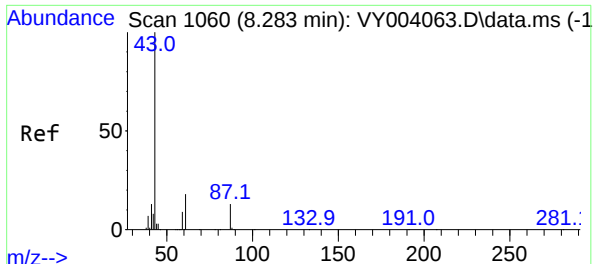
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0



Instrument :
MSVOA_Y
ClientSampleId :
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#43

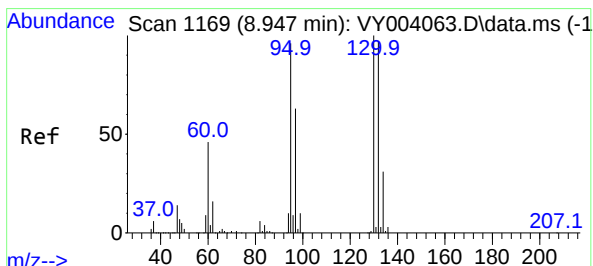
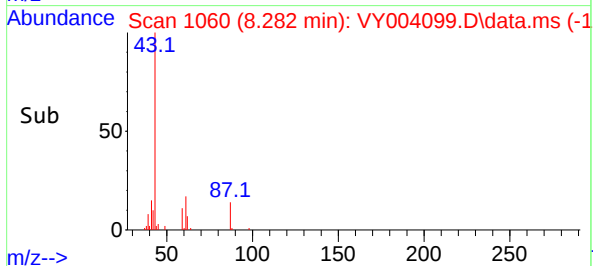
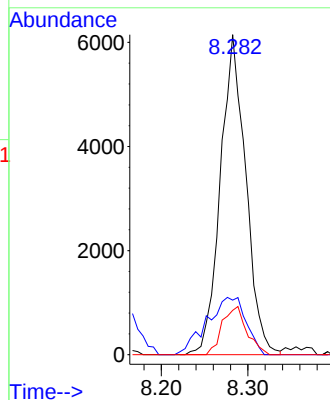
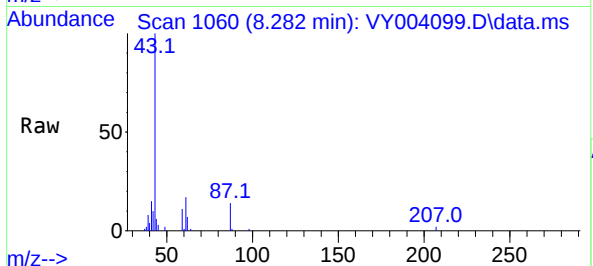
Isopropyl Acetate
Concen: 3.87 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	43	Resp:	12540
Ion	Ratio	Lower	Upper
43	100		
61	27.6	22.1	33.1
87	14.5	9.8	14.8

Instrument :
MSVOA_Y
ClientSampleId :
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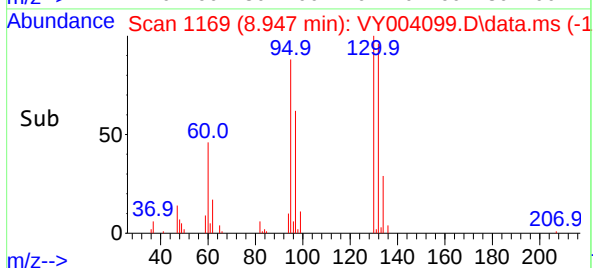
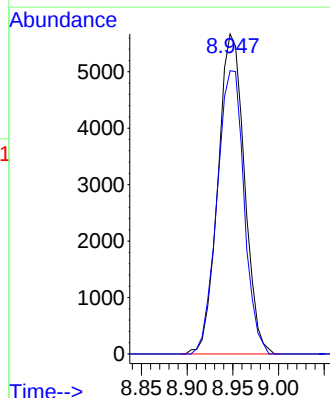
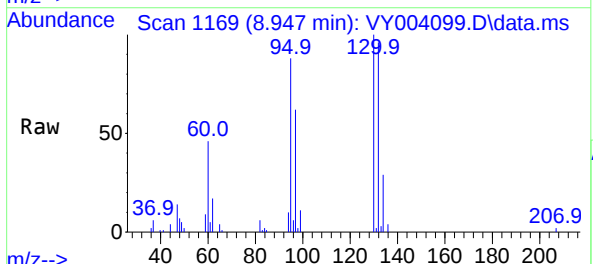
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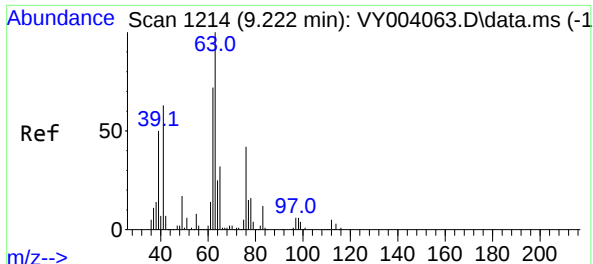


#44

Trichloroethene
Concen: 4.67 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	130	Resp:	11433
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	188.0





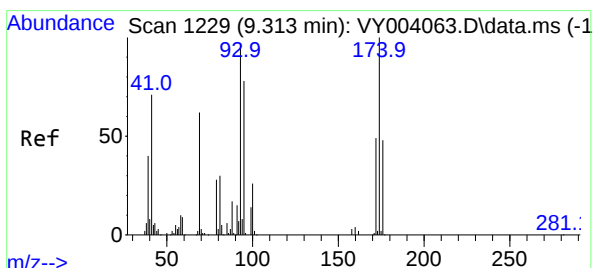
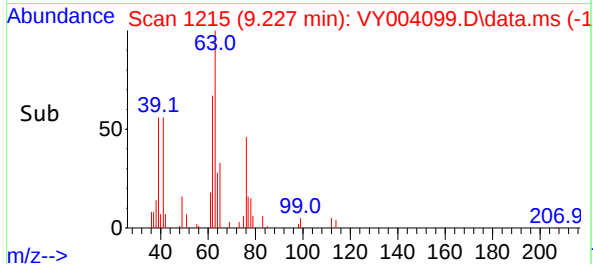
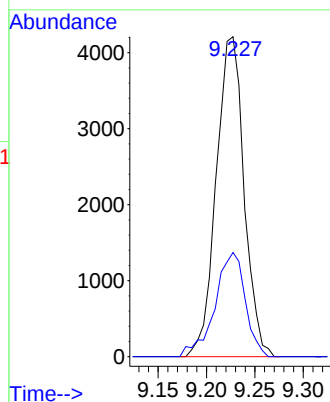
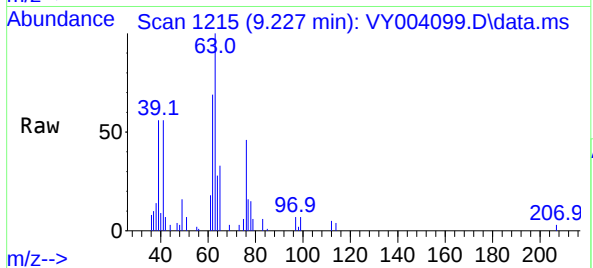
#45
1,2-Dichloropropane
Concen: 4.00 ug/l
RT: 9.227 min Scan# 1215
Delta R.T. 0.005 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 63 Resp: 8425
Ion Ratio Lower Upper
63 100
65 32.6 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
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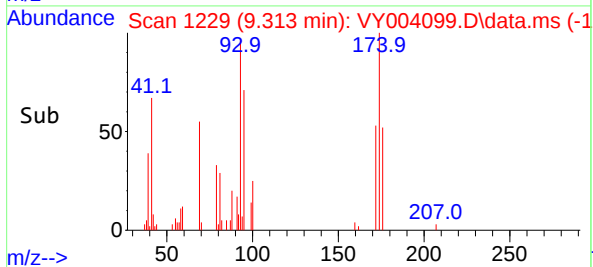
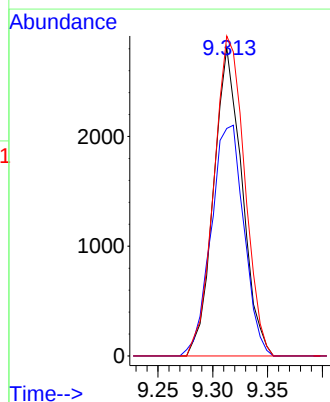
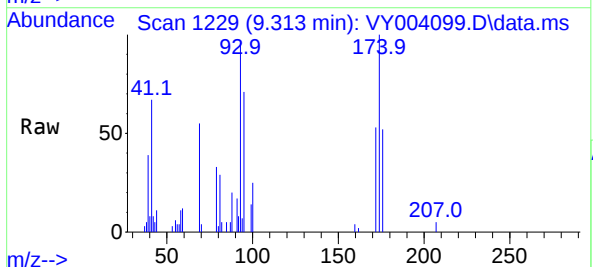
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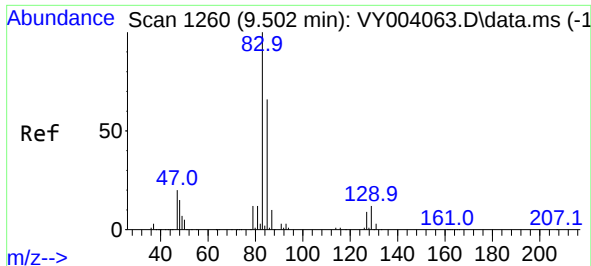
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#46
Dibromomethane
Concen: 4.19 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

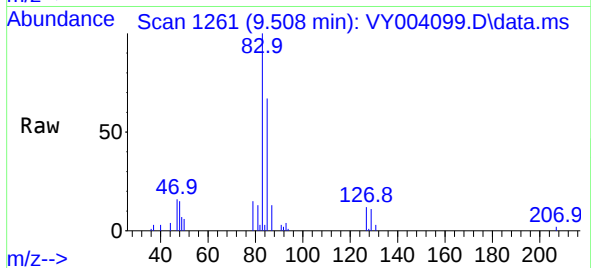
Tgt Ion: 93 Resp: 5052
Ion Ratio Lower Upper
93 100
95 86.4 66.3 99.5
174 112.4 88.1 132.1





#47
Bromodichloromethane
Concen: 3.87 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

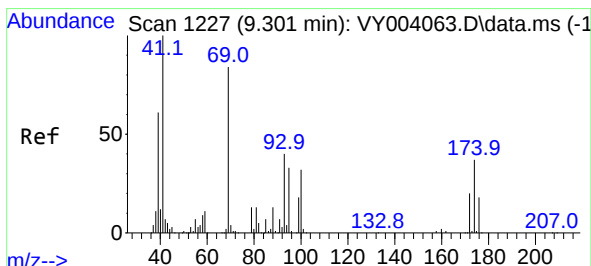
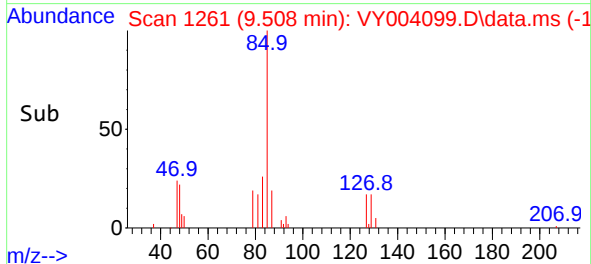
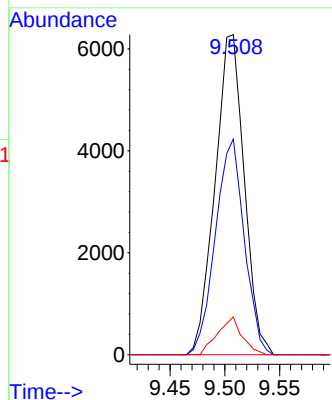
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 83 Resp: 11634
Ion Ratio Lower Upper
83 100
85 67.4 51.6 77.4
127 11.8 6.5 9.7#

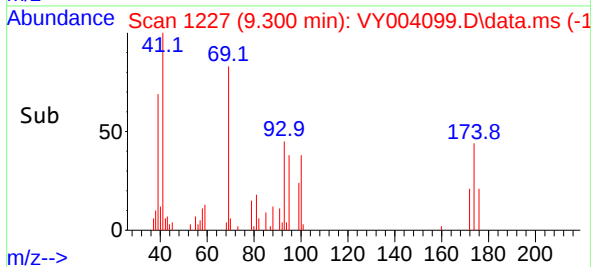
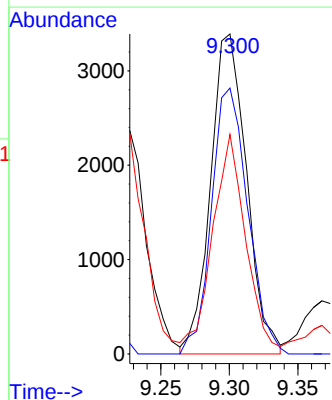
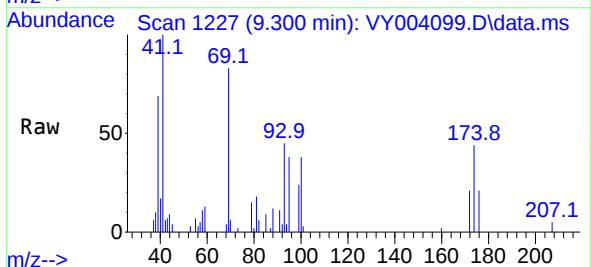
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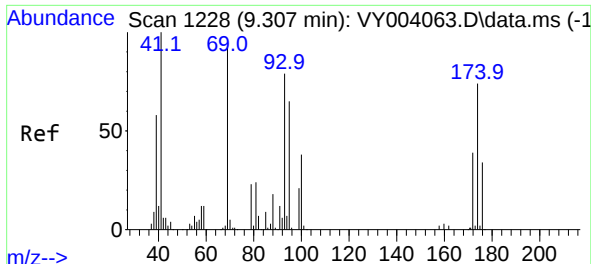
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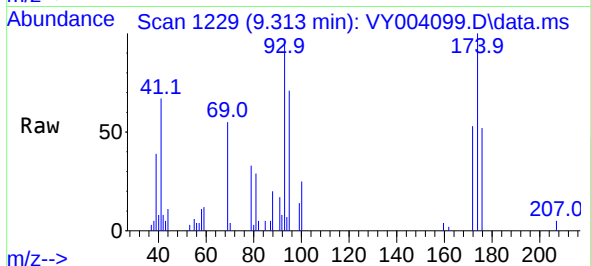
#48
Methyl methacrylate
Concen: 4.02 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 41 Resp: 6191
Ion Ratio Lower Upper
41 100
69 83.8 65.1 97.7
39 63.4 44.2 66.2

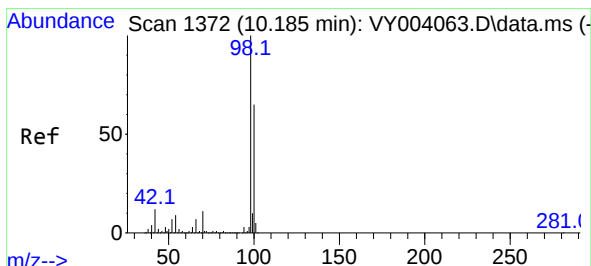
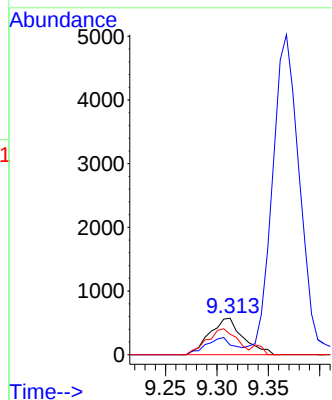
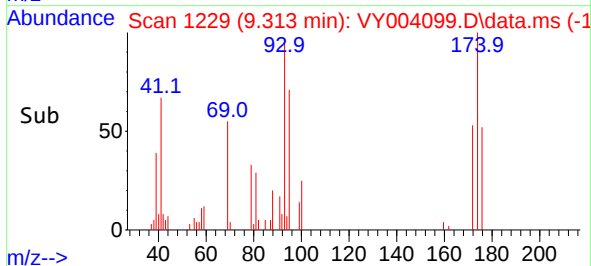




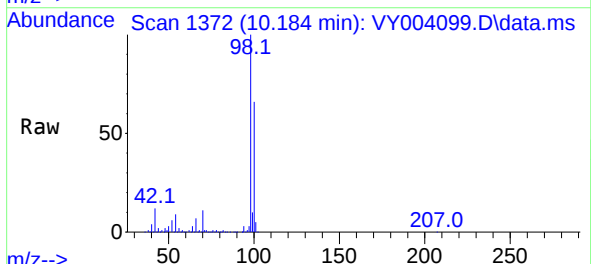
#49
1,4-Dioxane
Concen: 83.79 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



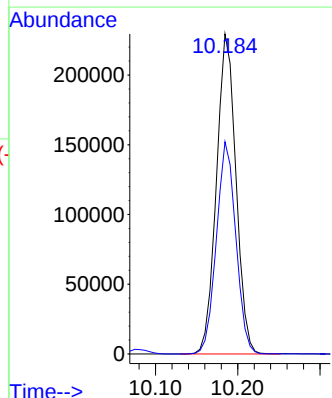
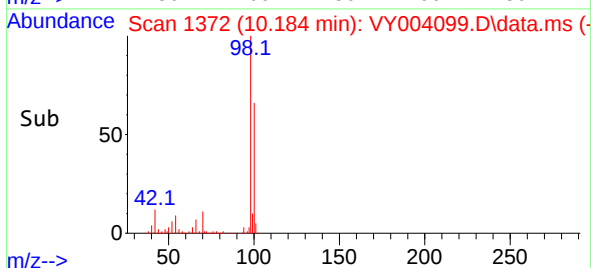
Tgt Ion: 88 Resp: 1286
Ion Ratio Lower Upper
88 100
43 39.0 32.0 48.0
58 64.0 56.5 84.7



#50
Toluene-d8
Concen: 50.11 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



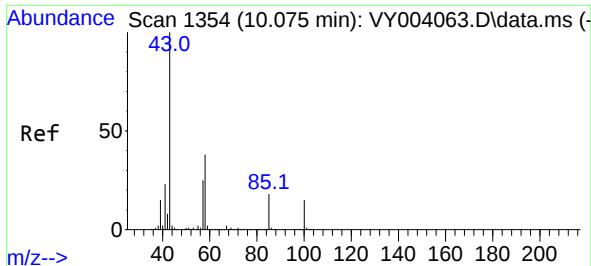
Tgt Ion: 98 Resp: 378119
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



Instrument :
MSVOA_Y
ClientSampleId :
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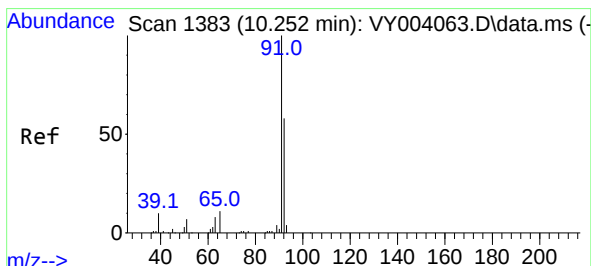
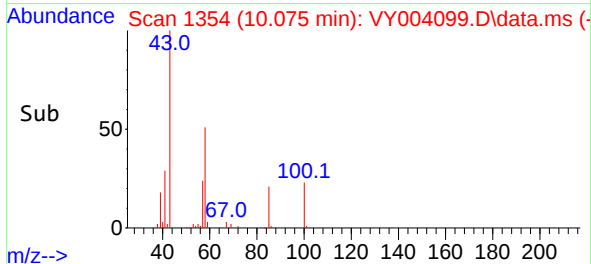
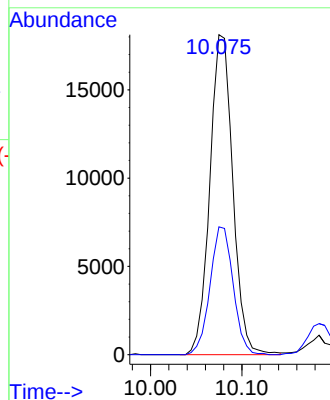
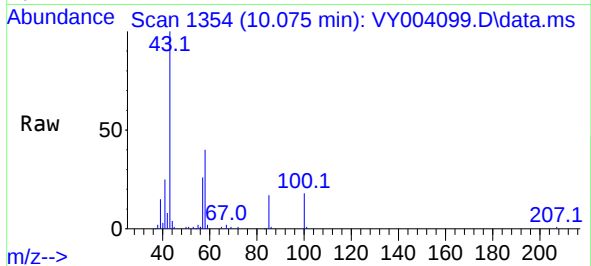
#51
4-Methyl-2-Pentanone
Concen: 19.29 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 43 Resp: 31668
Ion Ratio Lower Upper
43 100
58 40.1 29.8 44.8

Instrument :
MSVOA_Y
ClientSampleId :
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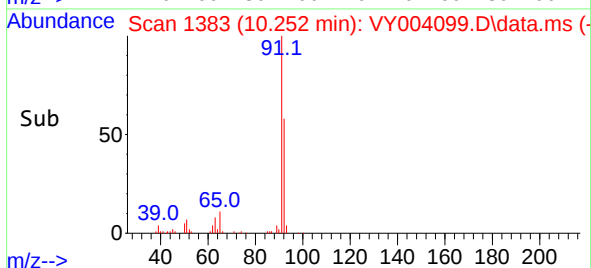
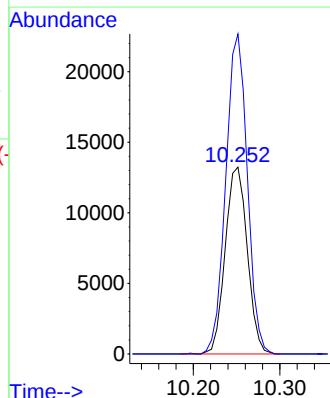
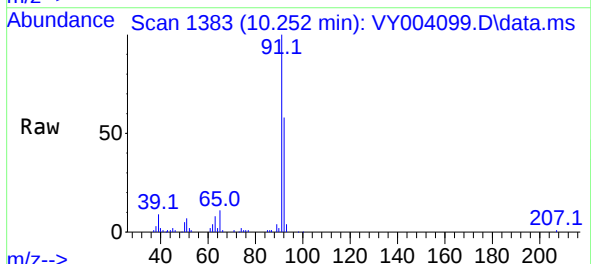
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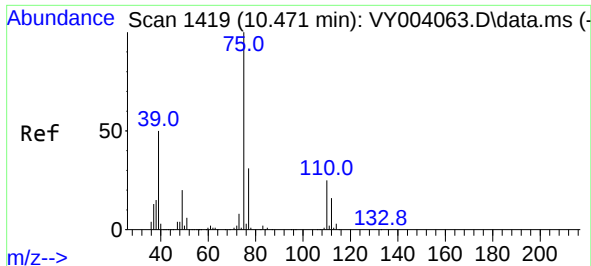
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#52
Toluene
Concen: 4.28 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 92 Resp: 23435
Ion Ratio Lower Upper
92 100
91 166.9 141.0 211.4





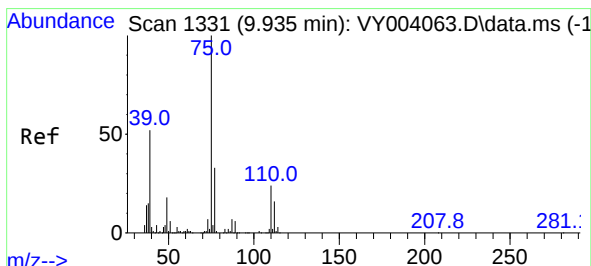
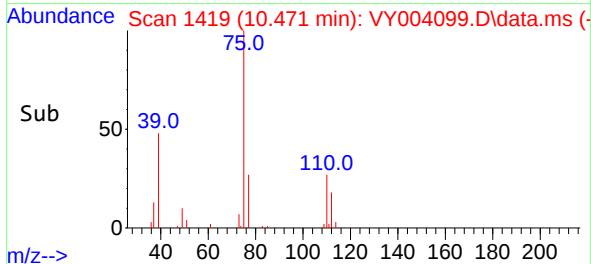
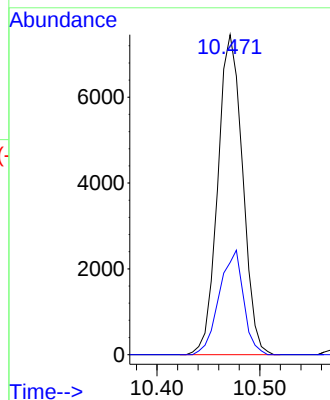
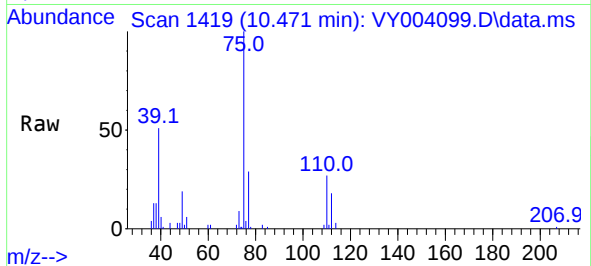
#53
t-1,3-Dichloropropene
Concen: 3.94 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 75 Resp: 12509
Ion Ratio Lower Upper
75 100
77 28.8 24.5 36.7

Instrument :
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ClientSampleId :
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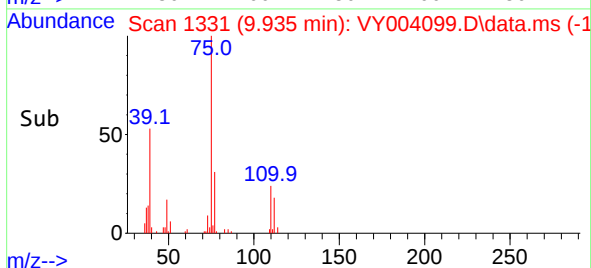
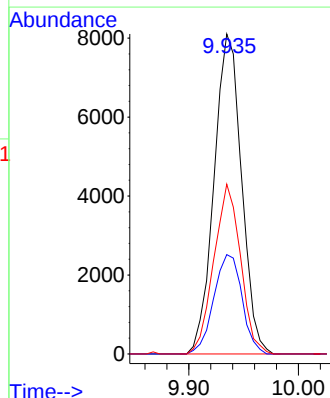
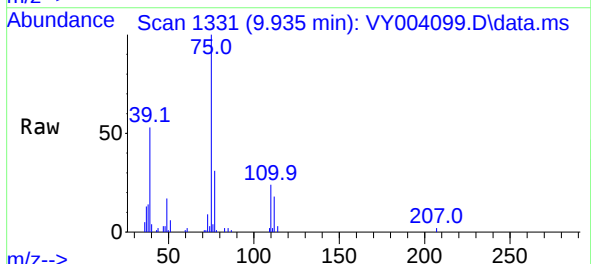
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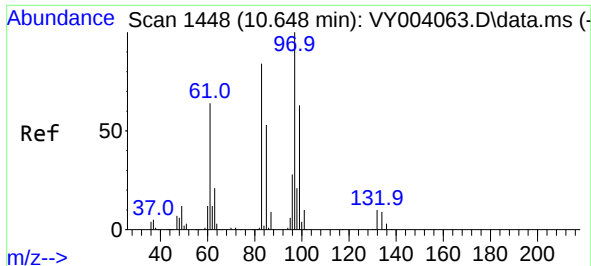
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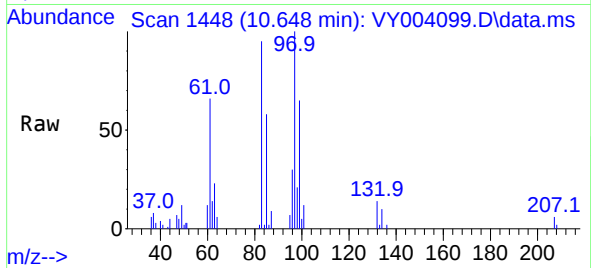
#54
cis-1,3-Dichloropropene
Concen: 3.97 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 75 Resp: 14126
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 53.0 40.4 60.6

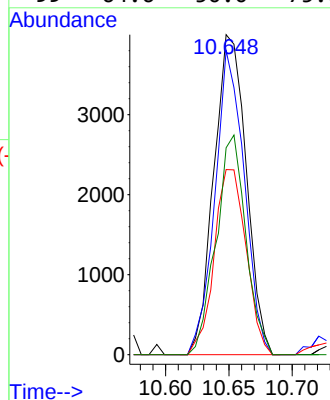




#55
1,1,2-Trichloroethane
Concen: 4.20 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



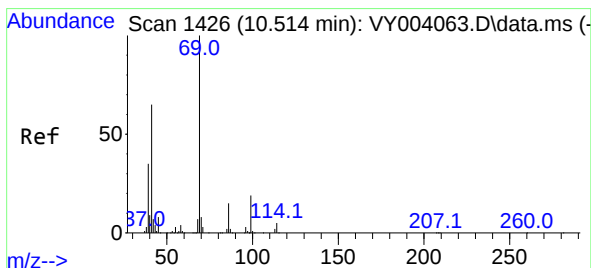
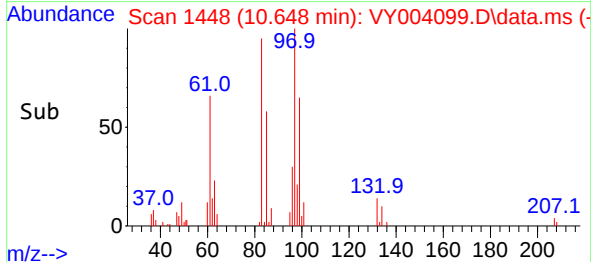
Tgt Ion:	97	Resp:	7117
Ion	Ratio	Lower	Upper
97	100		
83	95.0	69.4	104.0
85	57.9	43.4	65.0
99	64.6	50.0	75.0



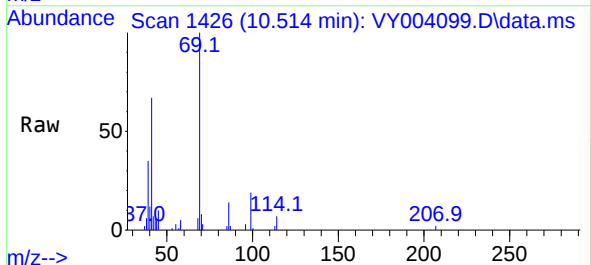
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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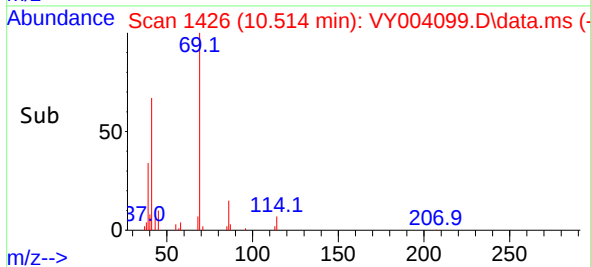
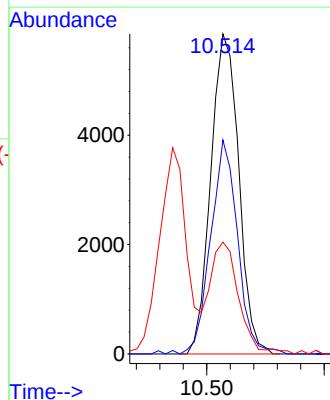
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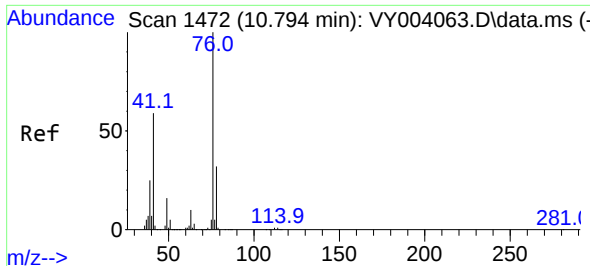


#56
Ethyl methacrylate
Concen: 4.08 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion:	69	Resp:	9663
Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.2	85.8
39	35.5	27.8	41.6





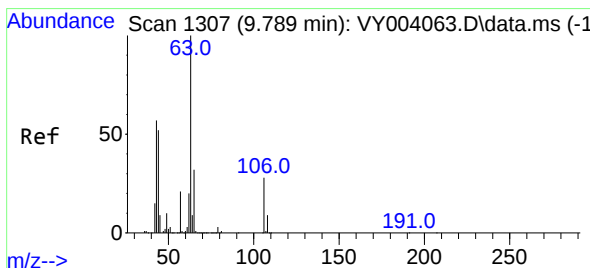
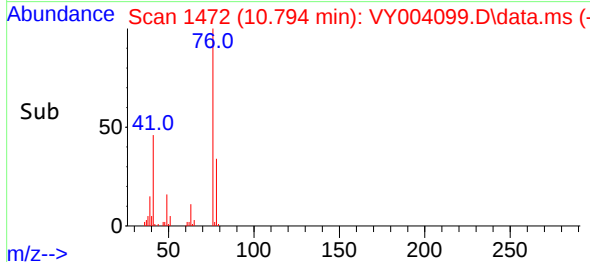
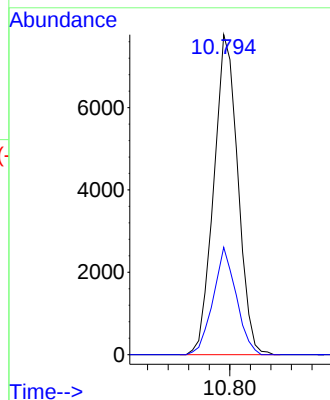
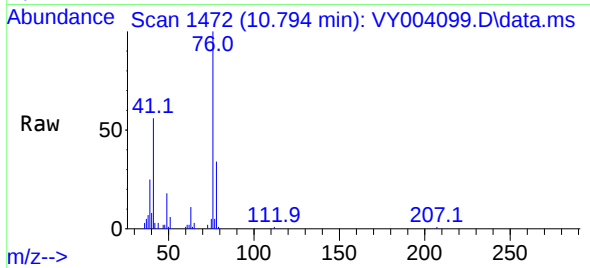
#57
1,3-Dichloropropane
Concen: 4.35 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 76 Resp: 12623
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

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

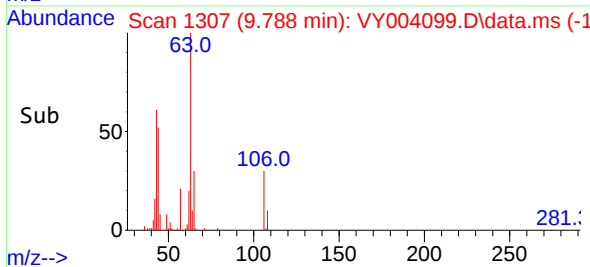
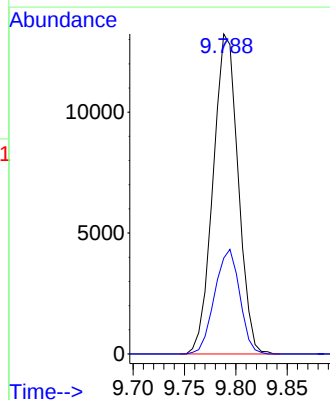
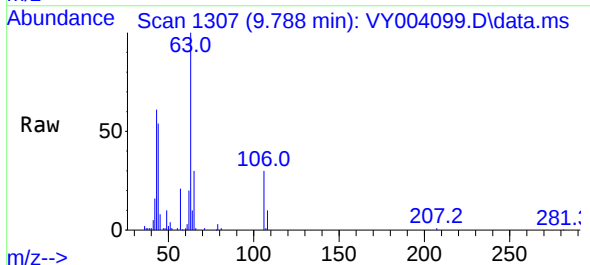
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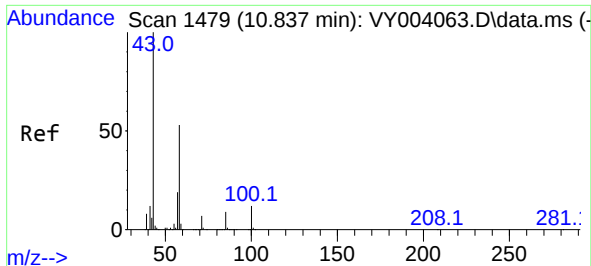
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#58
2-Chloroethyl Vinyl ether
Concen: 21.35 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 63 Resp: 22450
Ion Ratio Lower Upper
63 100
106 32.7 22.1 33.1





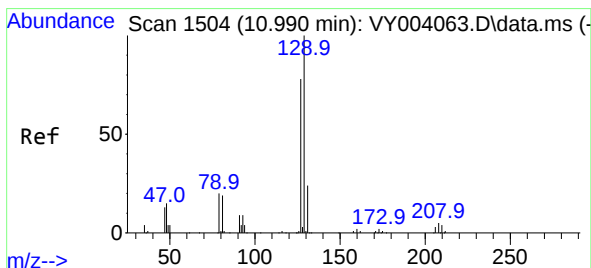
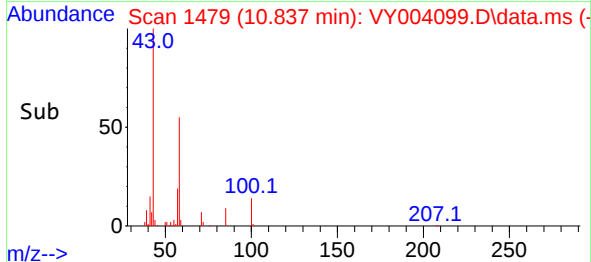
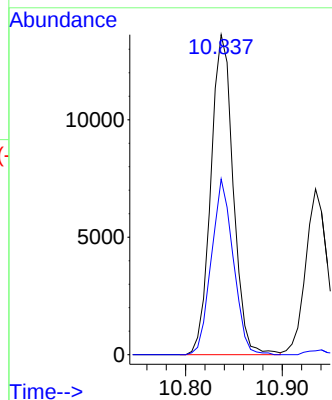
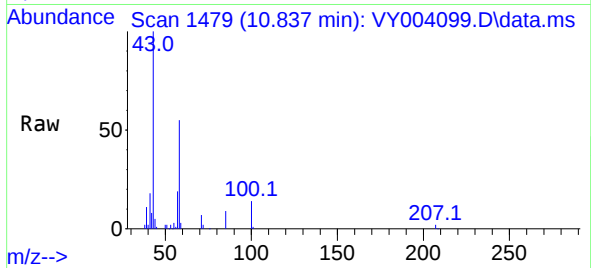
#59
2-Hexanone
Concen: 18.98 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 43 Resp: 21882
Ion Ratio Lower Upper
43 100
58 53.8 26.5 79.4

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

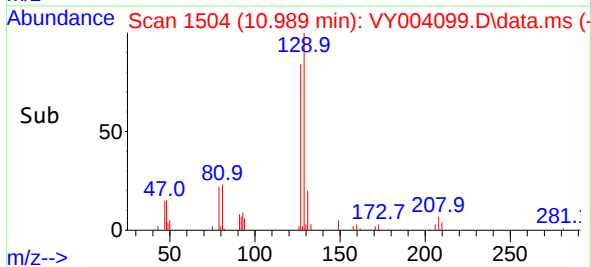
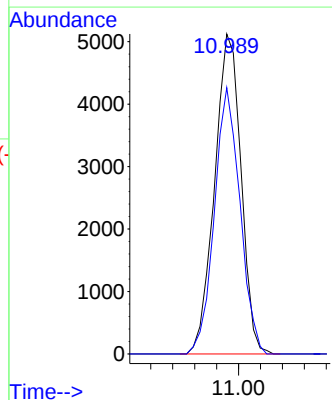
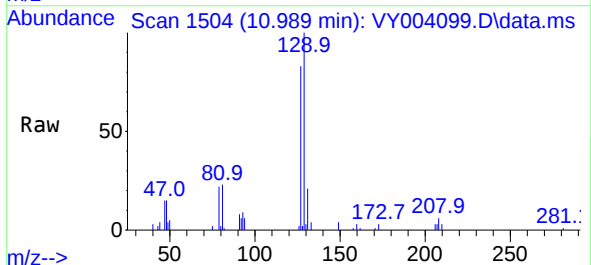
Manual Integrations
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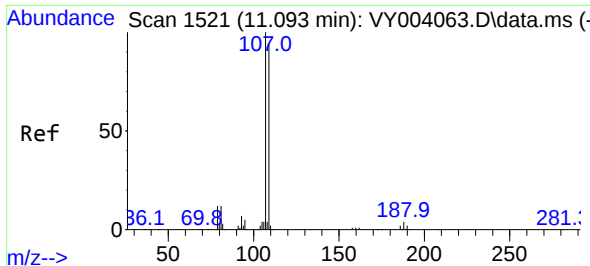
MMDadoda
3/18/2021 2:18:49 PM



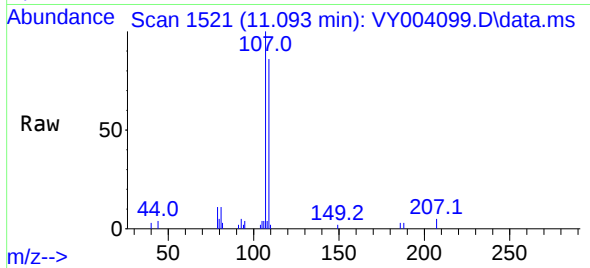
#60
Dibromochloromethane
Concen: 4.03 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 129 Resp: 8573
Ion Ratio Lower Upper
129 100
127 80.7 39.0 117.0

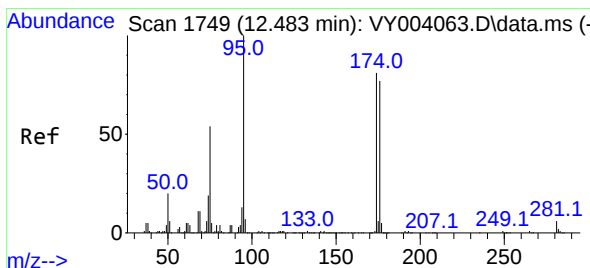
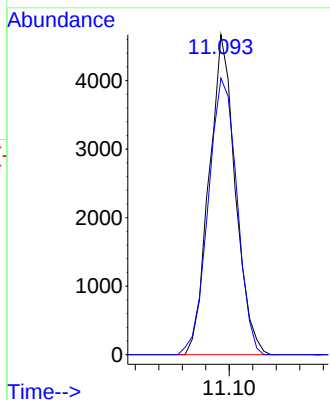
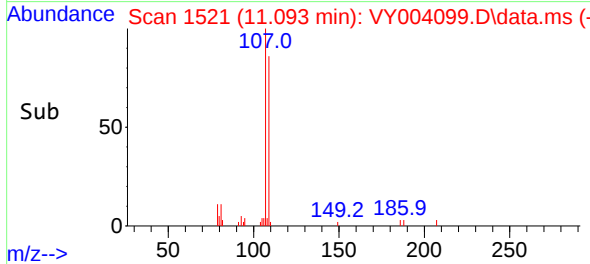




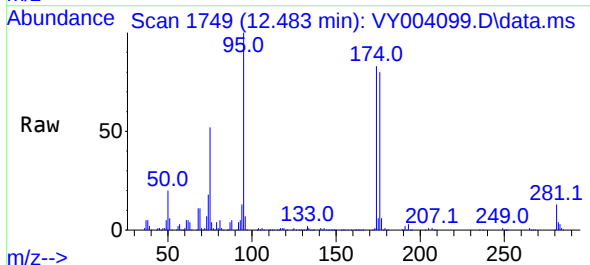
#61
1,2-Dibromoethane
Concen: 4.39 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



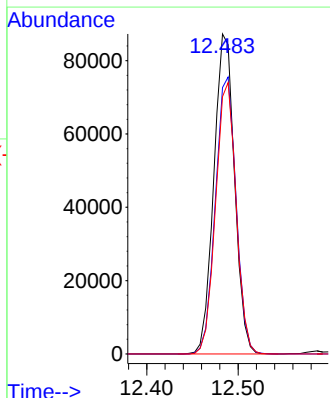
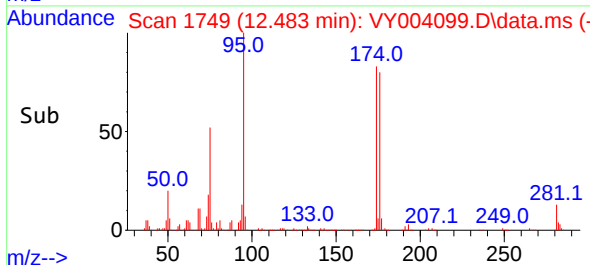
Tgt Ion: 107 Resp: 7241
Ion Ratio Lower Upper
107 100
109 94.7 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 49.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion: 95 Resp: 137513
Ion Ratio Lower Upper
95 100
174 86.3 0.0 179.0
176 83.8 0.0 174.4



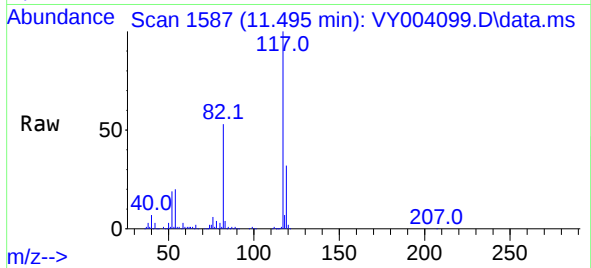
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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APPROVED

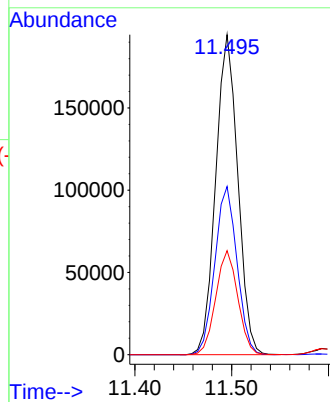
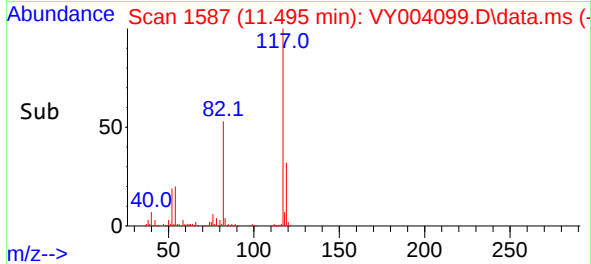
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



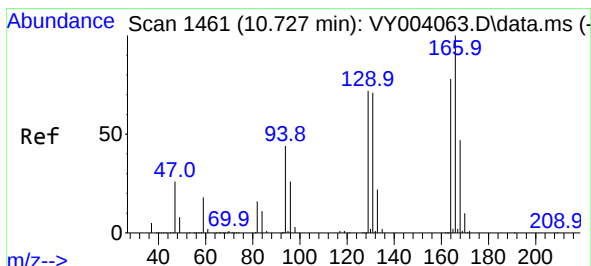
Tgt Ion:117 Resp: 308273
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.6
119 32.5 26.2 39.2



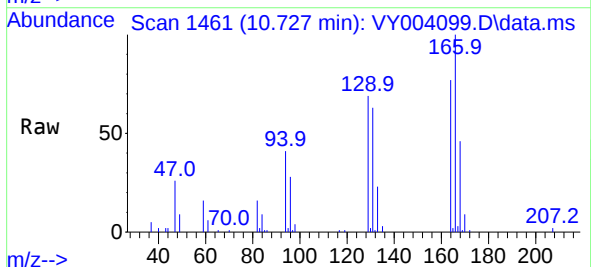
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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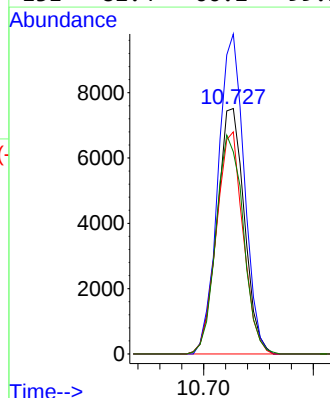
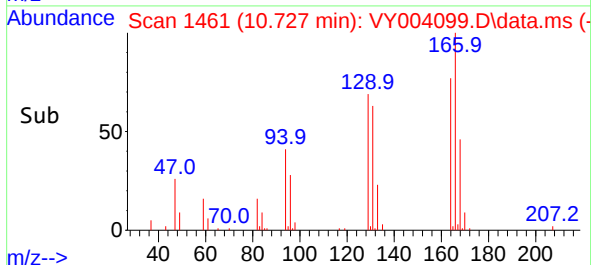
MMDadoda
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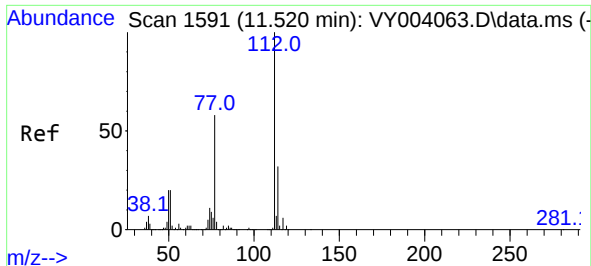


#64
Tetrachloroethene
Concen: 5.04 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion:164 Resp: 13011
Ion Ratio Lower Upper
164 100
166 130.4 102.7 154.1
129 90.5 70.6 105.8
131 82.4 66.2 99.2





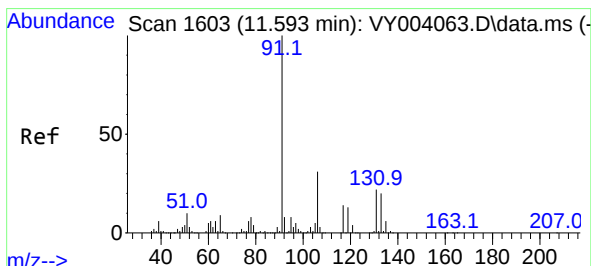
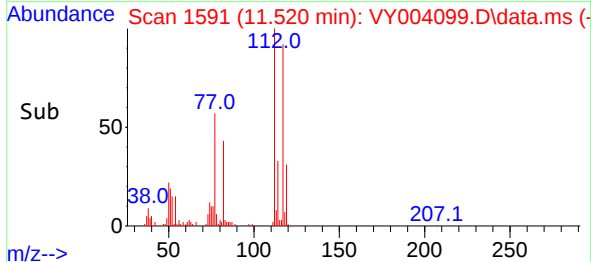
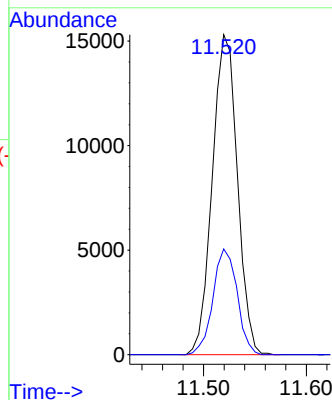
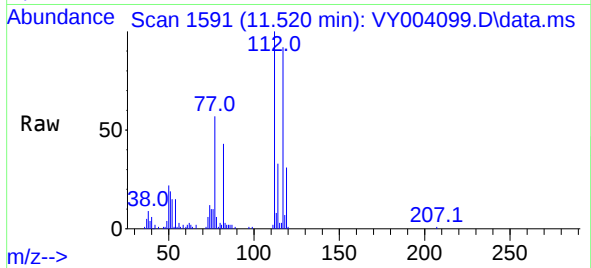
#65
Chlorobenzene
Concen: 4.39 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:112 Resp: 25913
Ion Ratio Lower Upper
112 100
114 33.0 26.5 39.7

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

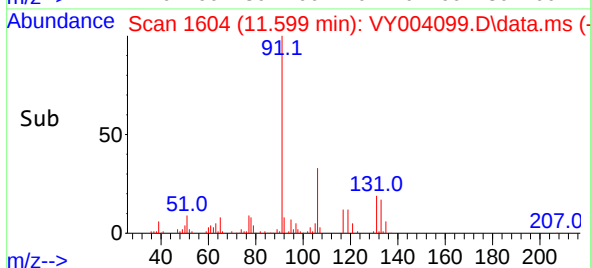
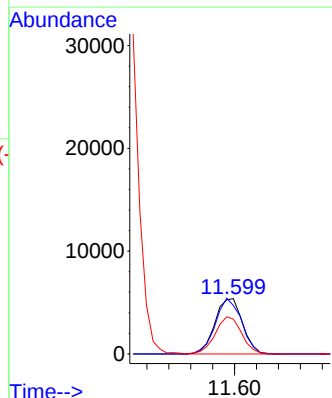
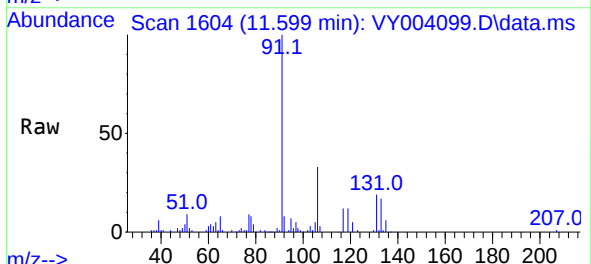
Manual Integrations
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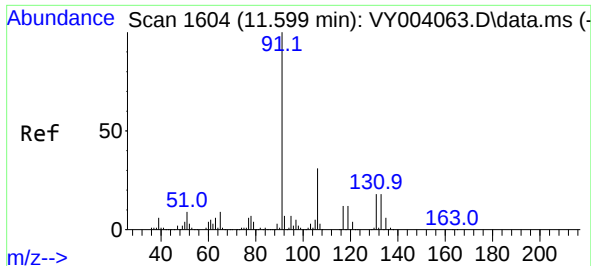
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.24 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:131 Resp: 9361
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 64.6 31.5 94.5





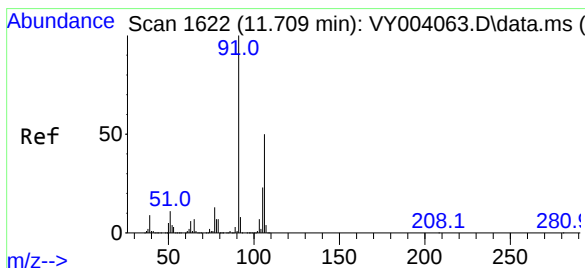
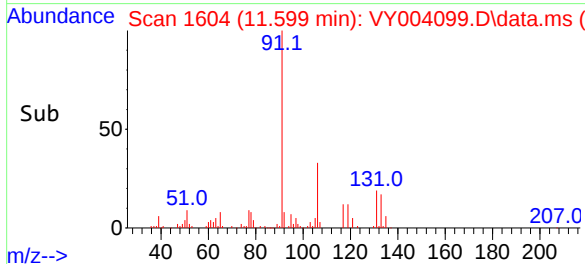
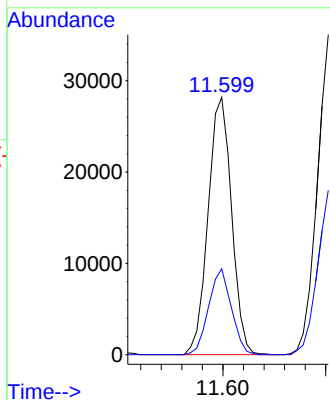
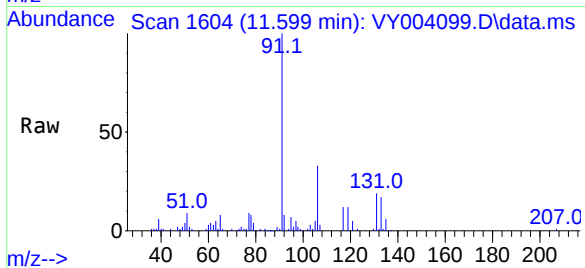
#67
Ethyl Benzene
Concen: 4.13 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 91 Resp: 44757
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7

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

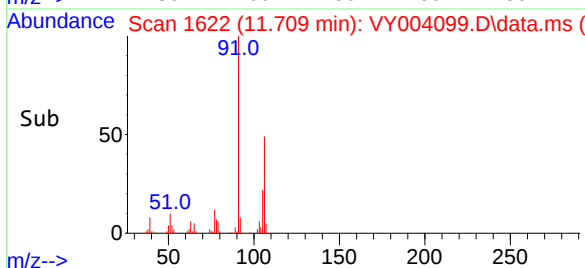
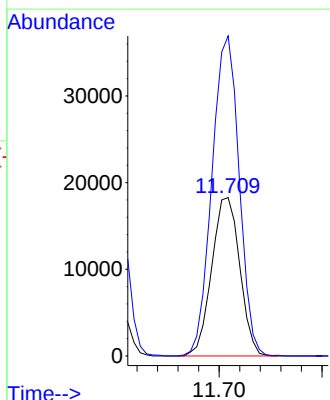
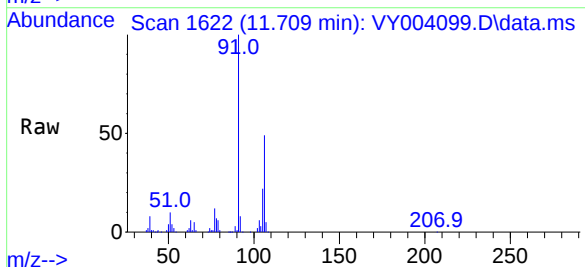
Manual Integrations
APPROVED

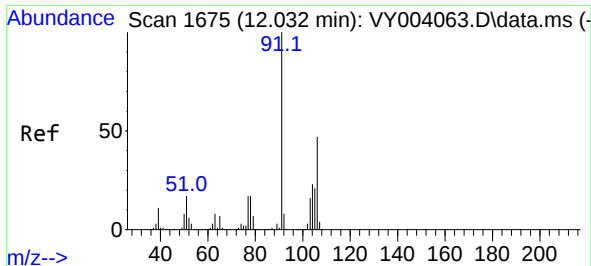
MMDadoda
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#68
m/p-Xylenes
Concen: 8.36 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 106 Resp: 34596
Ion Ratio Lower Upper
106 100
91 196.0 165.4 248.0





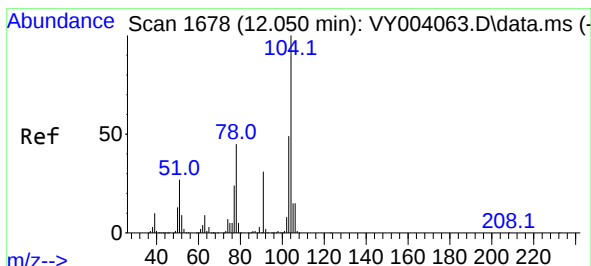
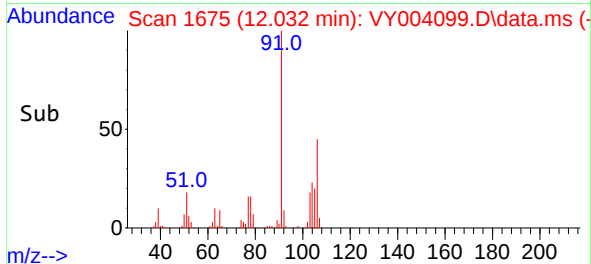
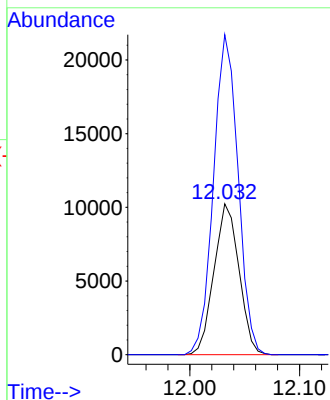
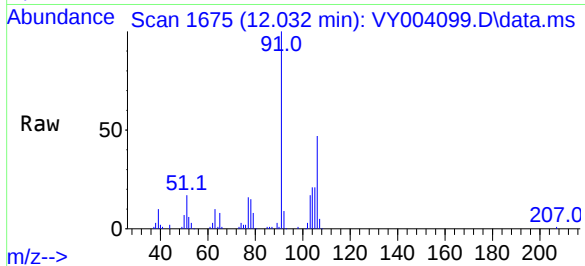
#69
o-Xylene
Concen: 4.15 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:106 Resp: 16243
Ion Ratio Lower Upper
106 100
91 208.3 108.9 326.7

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

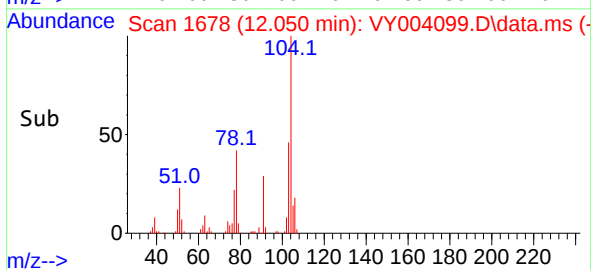
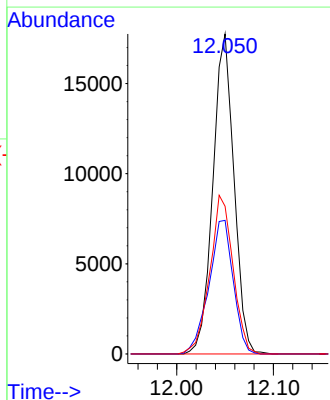
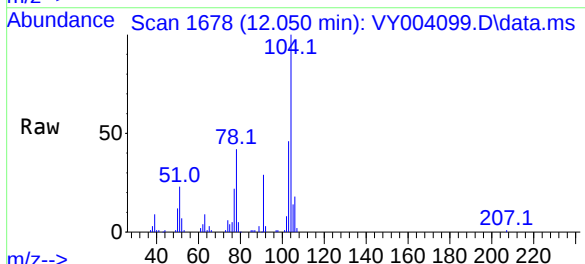
Manual Integrations
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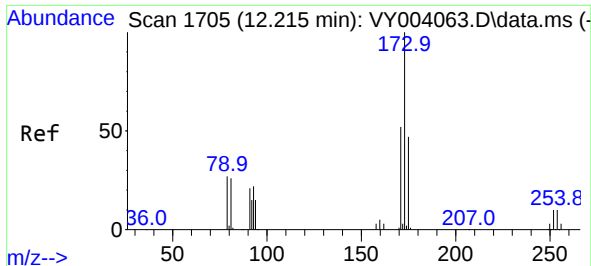
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#70
Styrene
Concen: 4.01 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:104 Resp: 26883
Ion Ratio Lower Upper
104 100
78 48.1 41.1 61.7
103 54.5 43.9 65.9





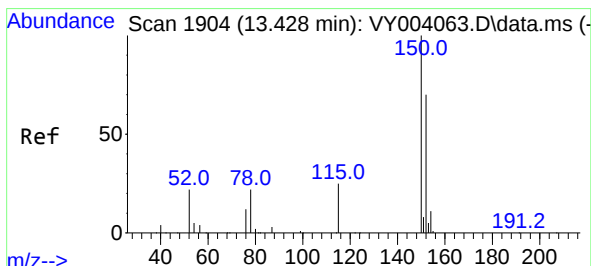
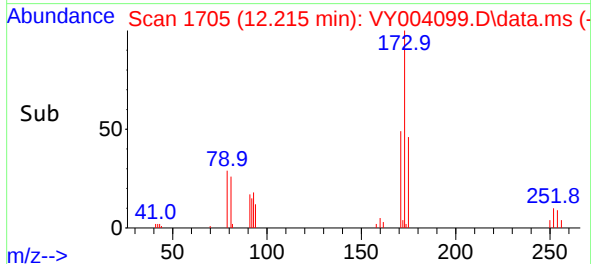
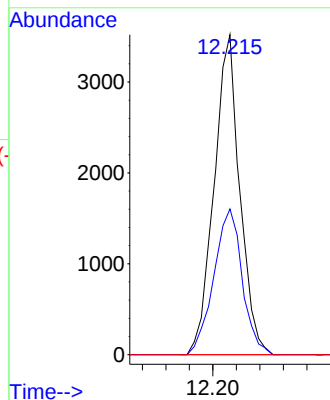
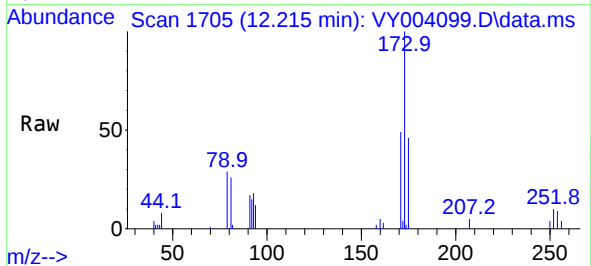
#71
Bromoform
Concen: 4.04 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	173	Resp:	5343
Ion Ratio	Lower	Upper	
173	100		
175	50.3	24.1	72.4
254	0.0	0.1	0.1#

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

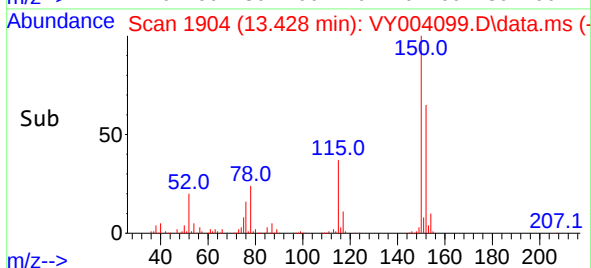
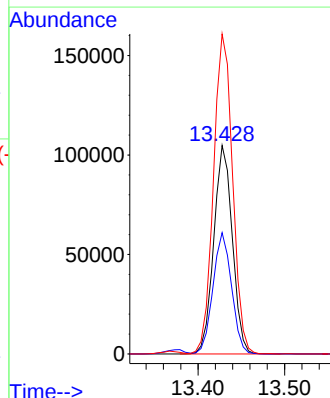
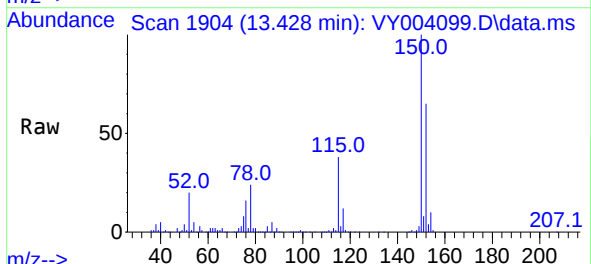
Manual Integrations
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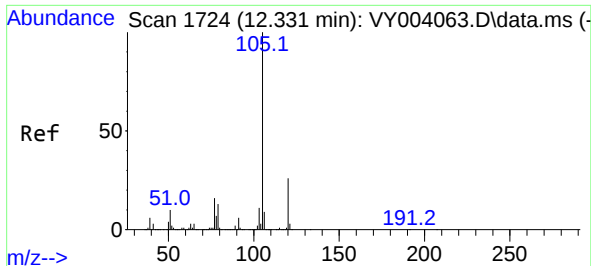
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	152	Resp:	156076
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.2	84.6
150	157.9	0.0	347.2





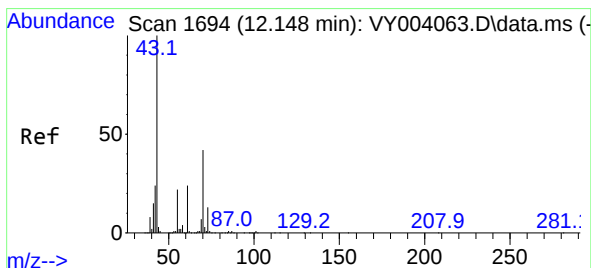
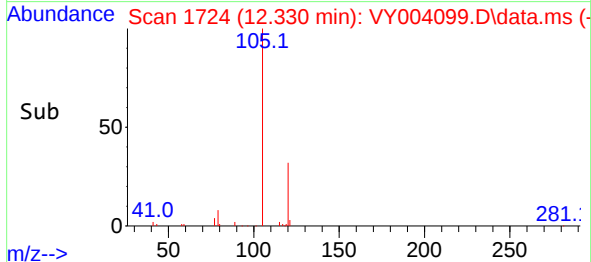
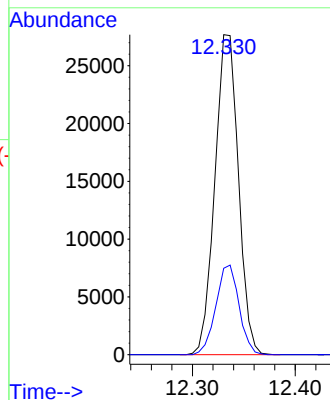
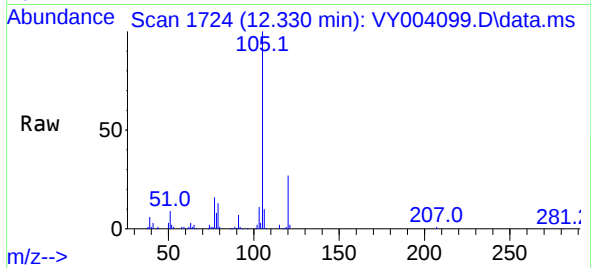
#73
Isopropylbenzene
Concen: 4.05 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 105 Resp: 43984
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.9

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

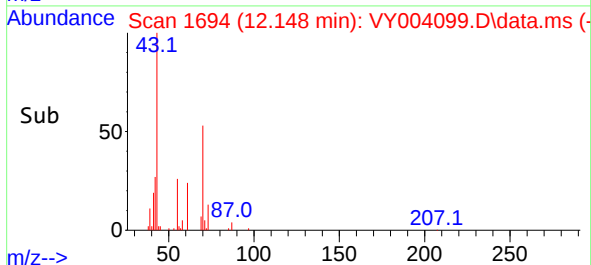
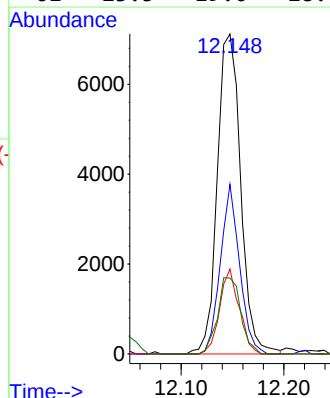
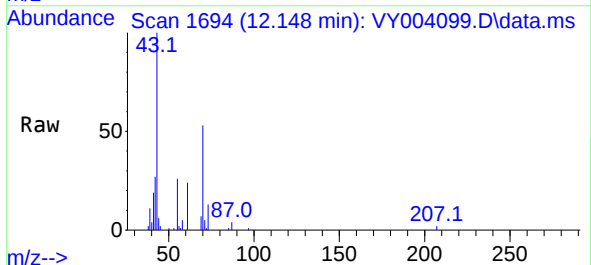
Manual Integrations
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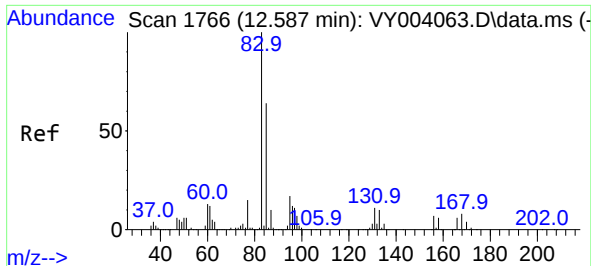
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#74
N-ethyl acetate
Concen: 3.62 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 43 Resp: 11253
Ion Ratio Lower Upper
43 100
70 43.5 32.3 48.5
55 22.2 18.4 27.6
61 23.5 19.0 28.4





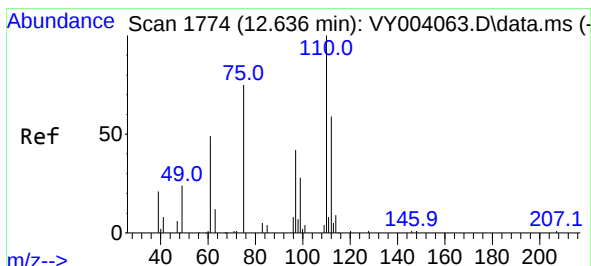
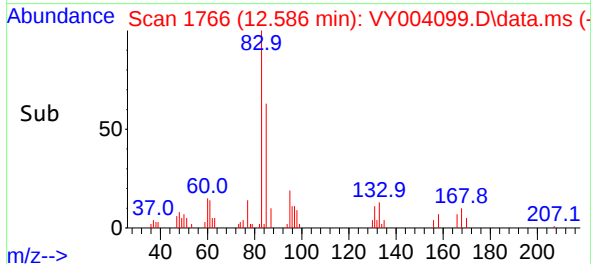
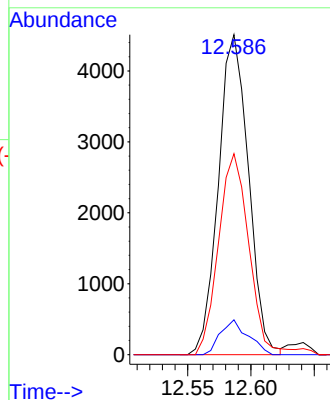
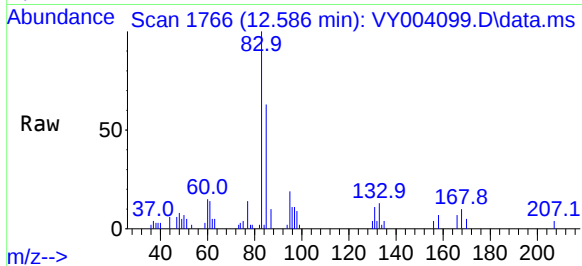
#75
1,1,2,2-Tetrachloroethane
Concen: 3.96 ug/l
RT: 12.586 min Scan# 1766
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 83 Resp: 7454
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.4
85 64.2 31.6 95.0

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

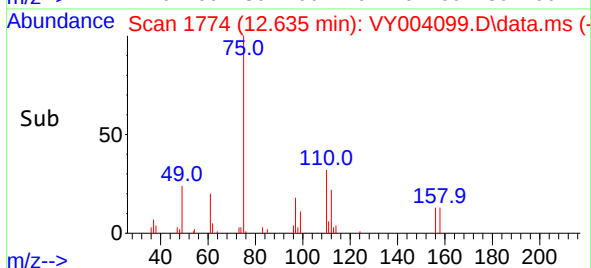
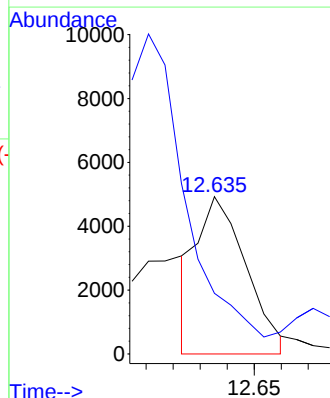
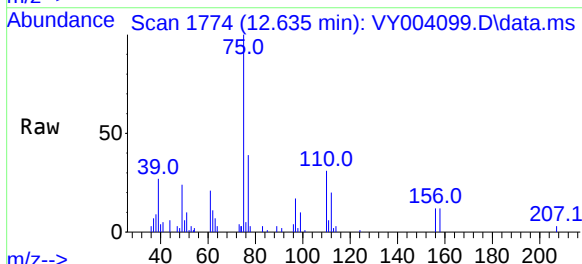
Manual Integrations
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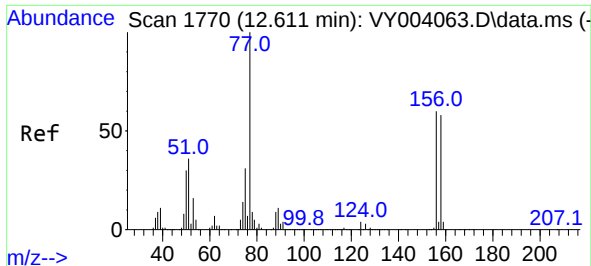
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 4.15 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

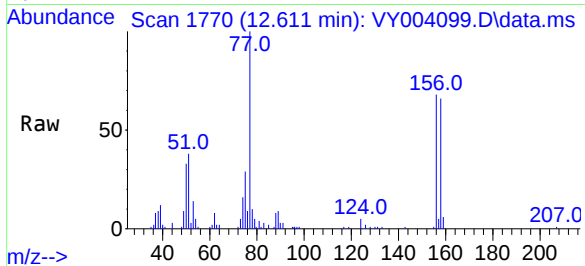
Tgt Ion: 75 Resp: 6208
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.33 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

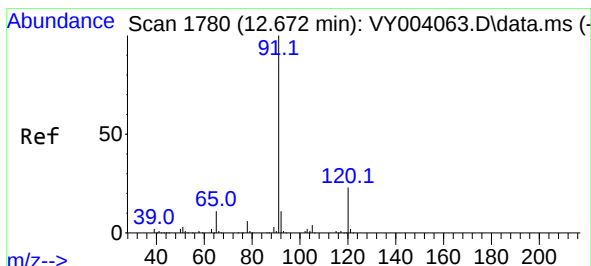
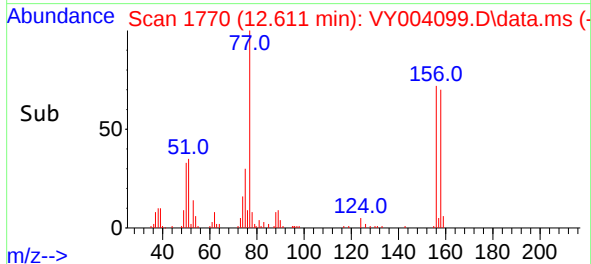
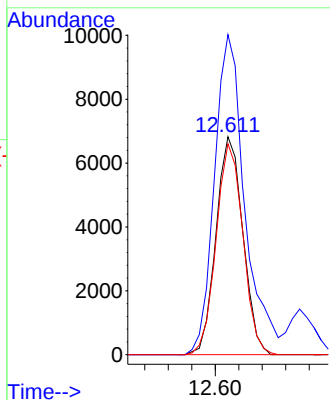
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



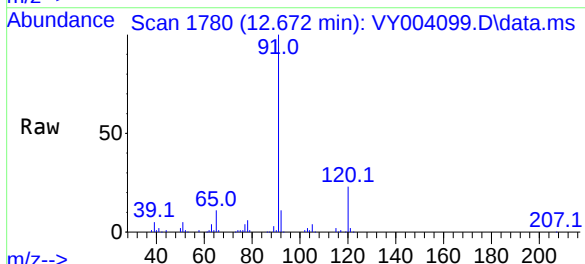
Tgt Ion:156 Resp: 10844
Ion Ratio Lower Upper
156 100
77 165.5 90.5 271.3
158 96.4 48.9 146.6

Manual Integrations
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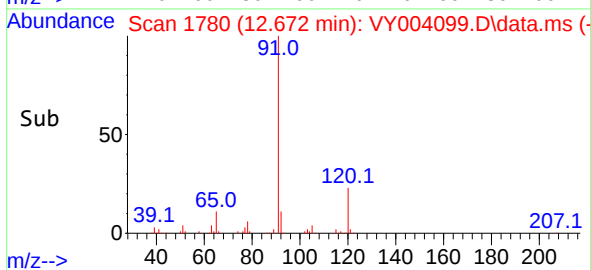
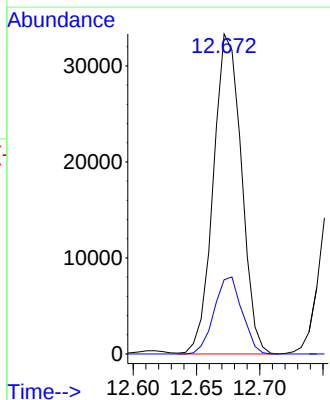
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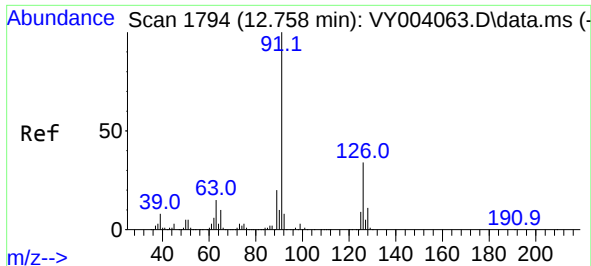


#78
n-propylbenzene
Concen: 4.03 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



Tgt Ion: 91 Resp: 51452
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9





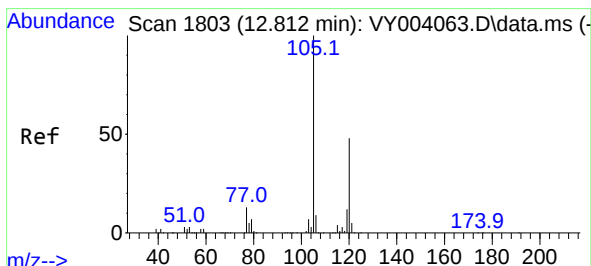
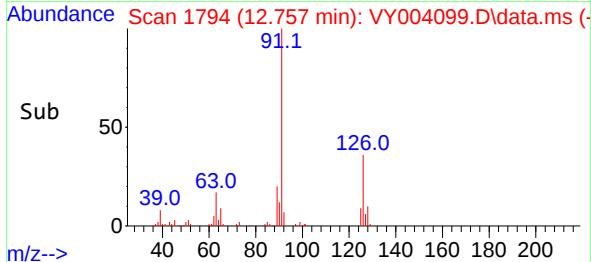
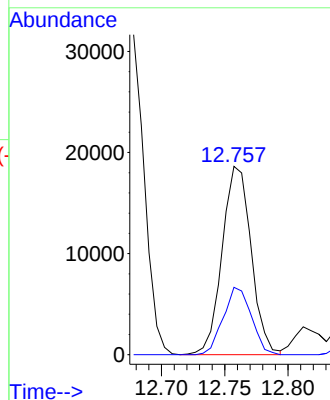
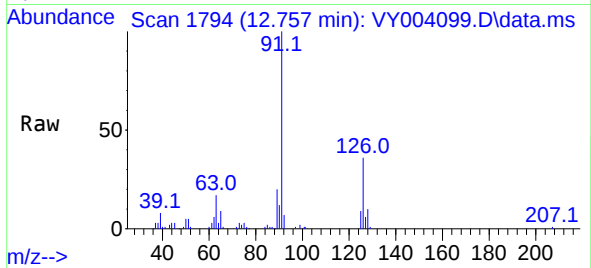
#79
2-Chlorotoluene
Concen: 4.15 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion: 91 Resp: 29768
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

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

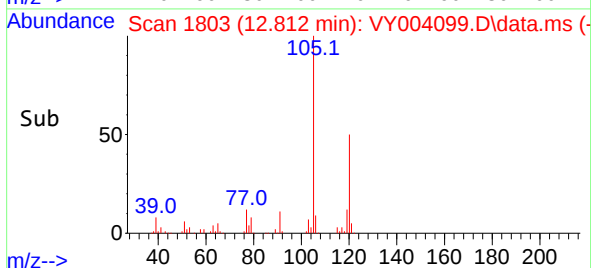
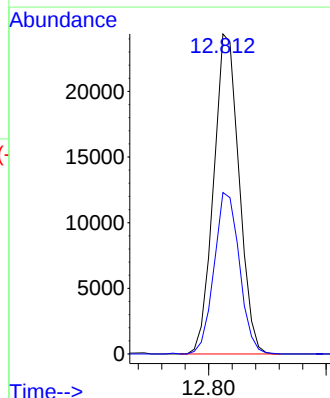
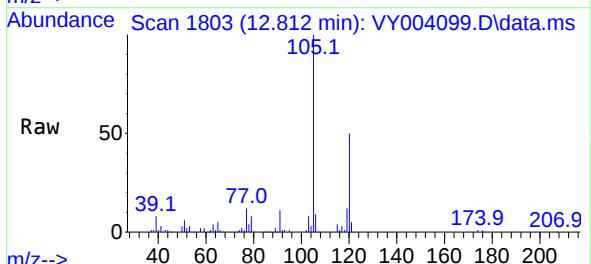
Manual Integrations
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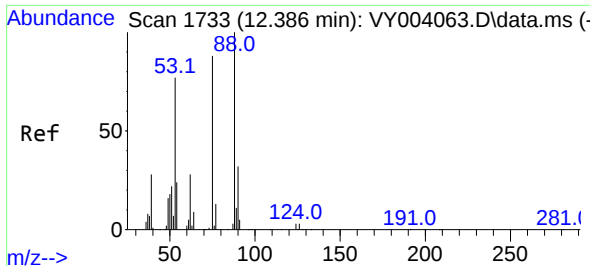
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#80
1,3,5-Trimethylbenzene
Concen: 3.98 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

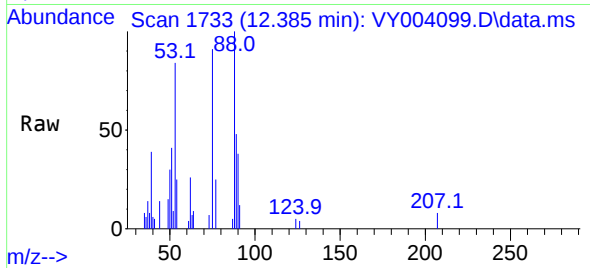
Tgt Ion:105 Resp: 36621
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.49 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

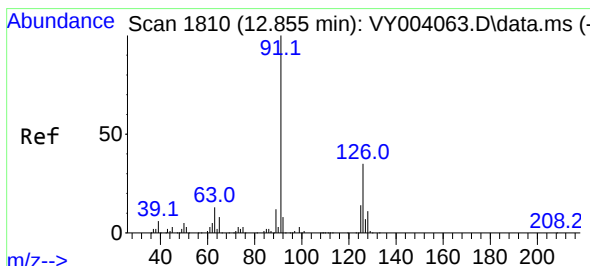
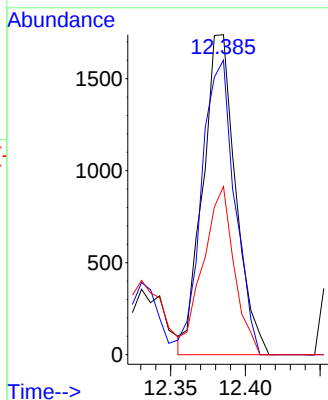
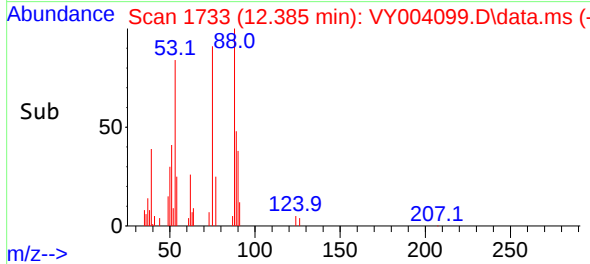
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



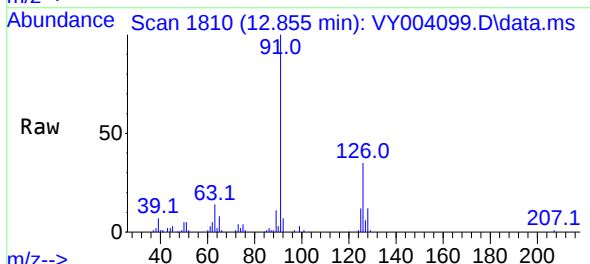
Tgt Ion: 75 Resp: 2650
Ion Ratio Lower Upper
75 100
53 93.8 73.5 110.3
89 49.9 35.7 53.5

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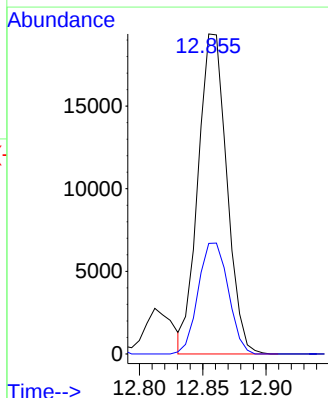
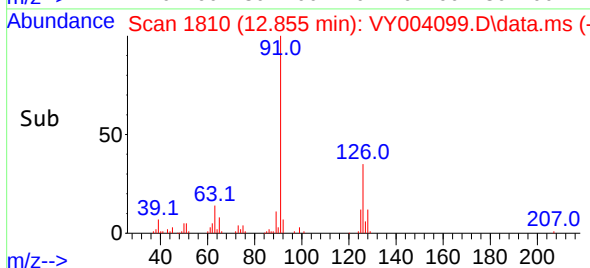
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#82
4-Chlorotoluene
Concen: 4.03 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



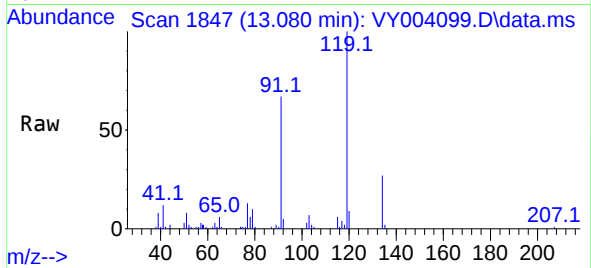
Tgt Ion: 91 Resp: 30639
Ion Ratio Lower Upper
91 100
126 36.2 16.8 50.4





#83
tert-Butylbenzene
Concen: 4.06 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. 0.005 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

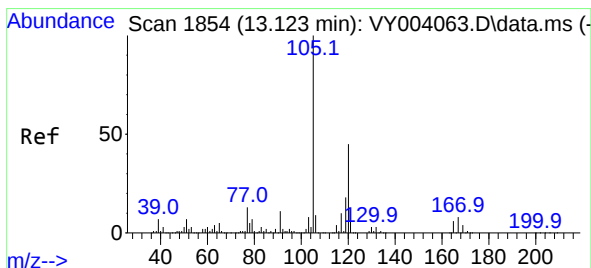
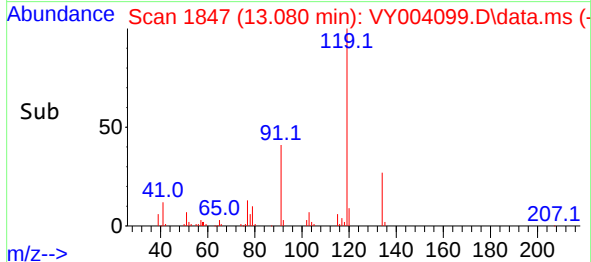
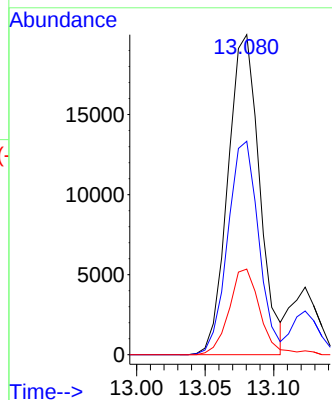
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:119 Resp: 32145
Ion Ratio Lower Upper
119 100
91 65.3 33.0 99.0
134 26.4 12.9 38.7

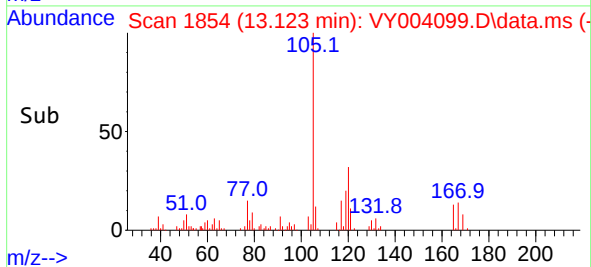
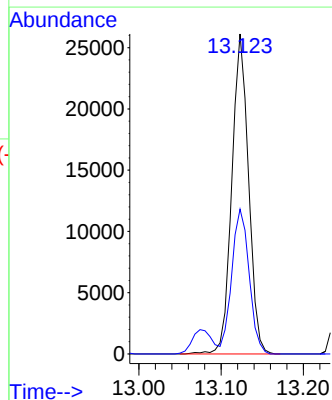
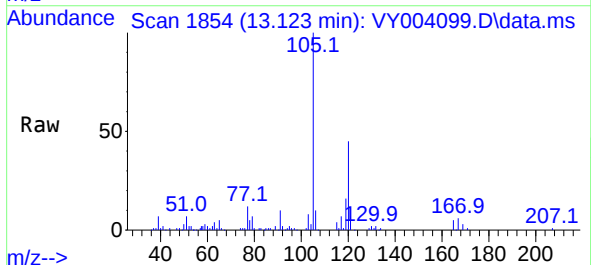
Manual Integrations
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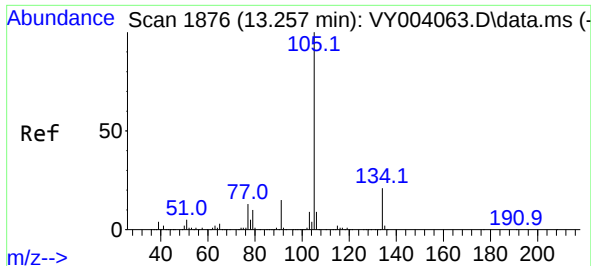
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#84
1,2,4-Trimethylbenzene
Concen: 4.01 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

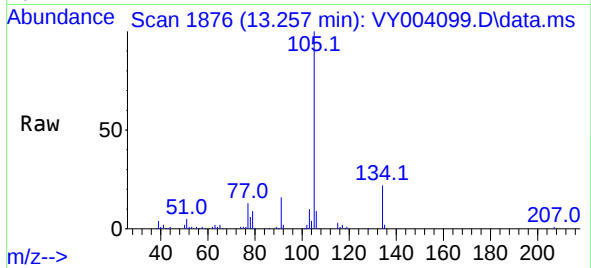
Tgt Ion:105 Resp: 36922
Ion Ratio Lower Upper
105 100
120 47.1 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 4.09 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004099.D
 Acq: 17 Mar 2021 13:37

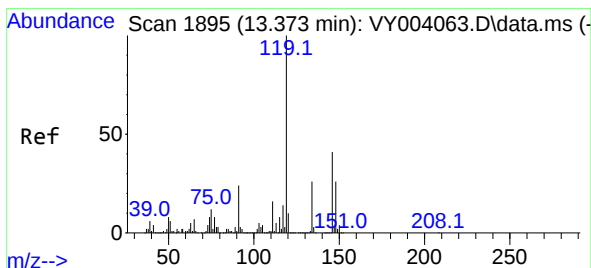
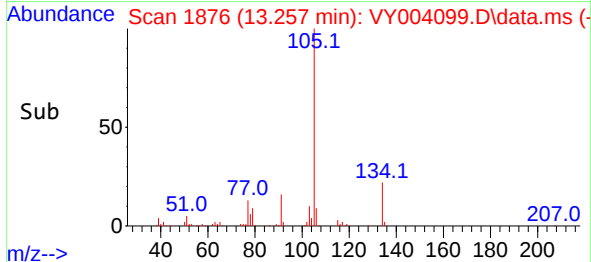
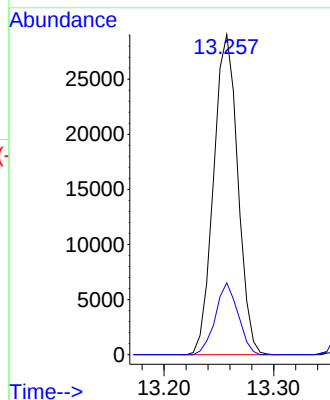
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



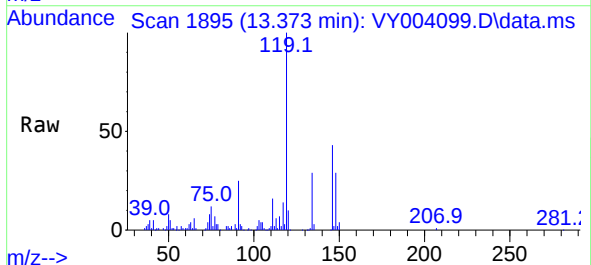
Tgt Ion:105 Resp: 44633
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

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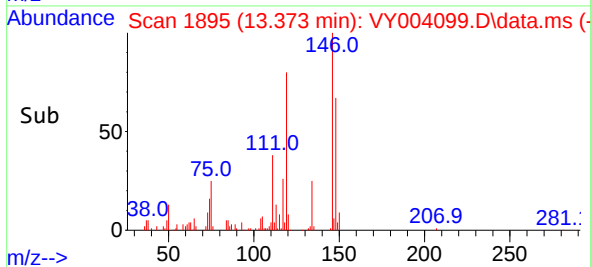
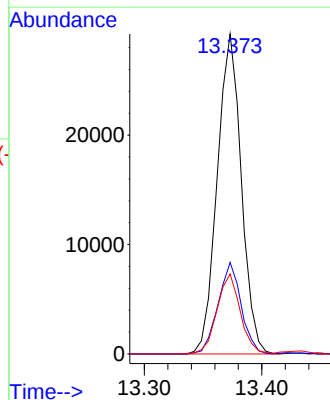
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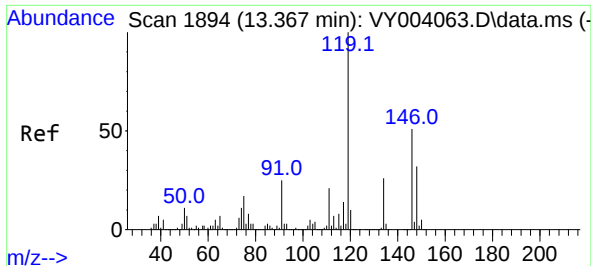


#86
 p-Isopropyltoluene
 Concen: 4.12 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY004099.D
 Acq: 17 Mar 2021 13:37

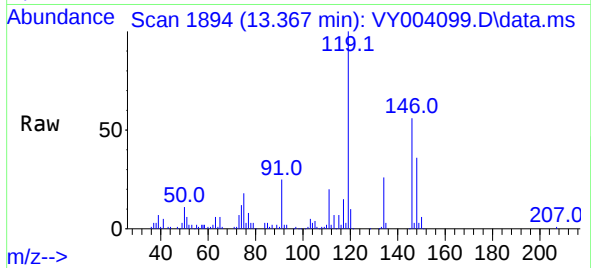


Tgt Ion:119 Resp: 41643
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 24.3 12.1 36.3

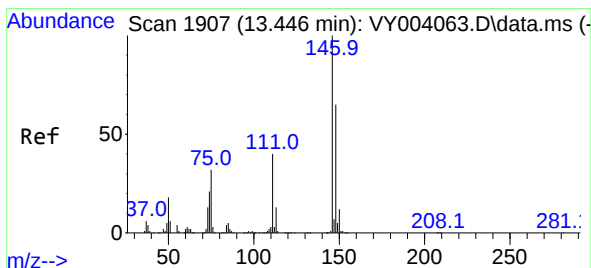
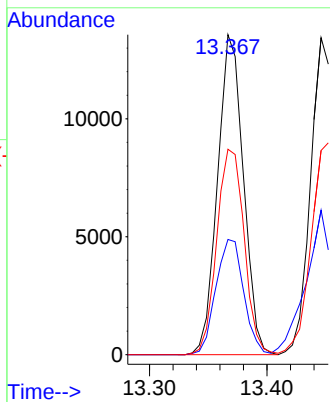
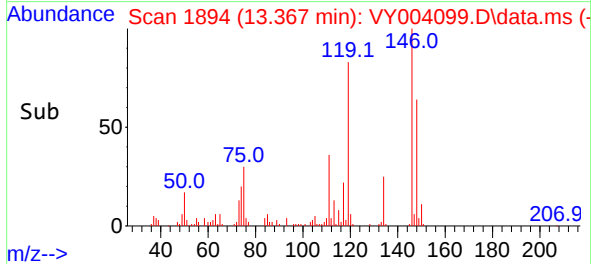




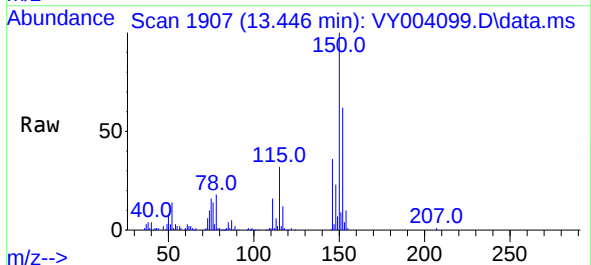
#87
1,3-Dichlorobenzene
Concen: 4.29 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



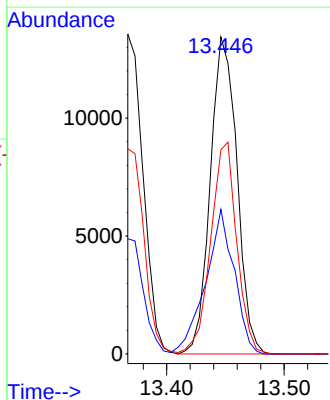
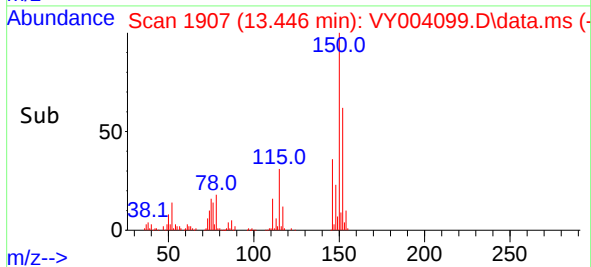
Tgt Ion:146 Resp: 20750
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 68.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 4.39 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



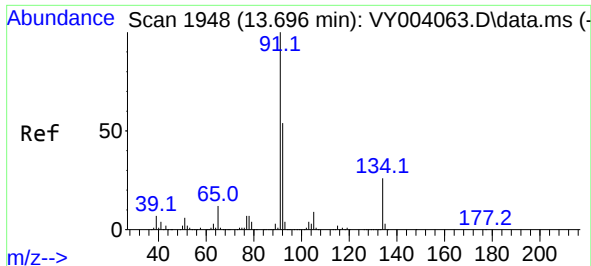
Tgt Ion:146 Resp: 21206
Ion Ratio Lower Upper
146 100
111 49.0 18.6 55.8
148 65.3 31.8 95.4



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

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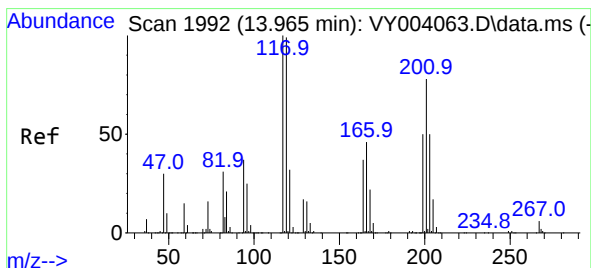
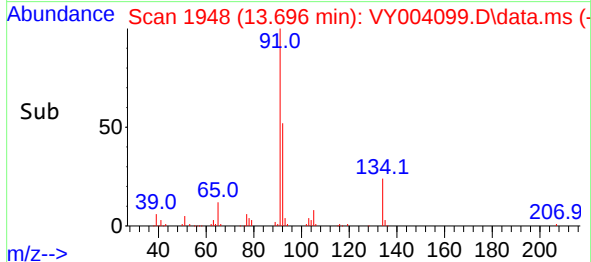
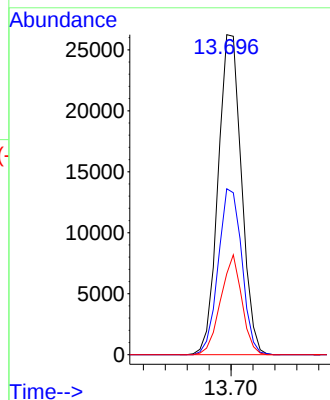
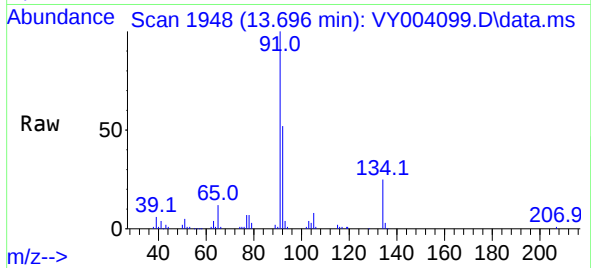
#89
n-Butylbenzene
Concen: 4.04 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	91	Resp:	38906
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.4
134	28.2	13.2	39.5

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

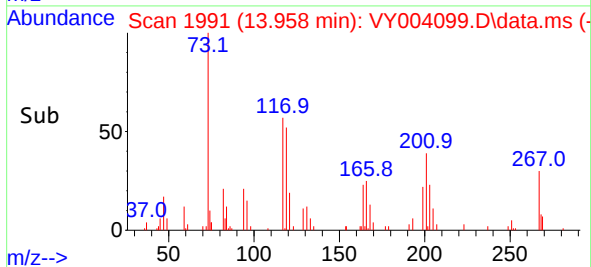
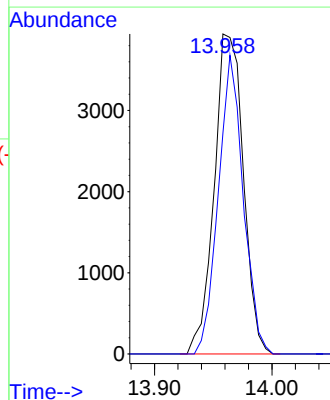
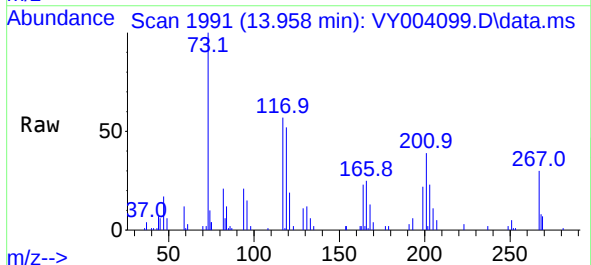
Manual Integrations
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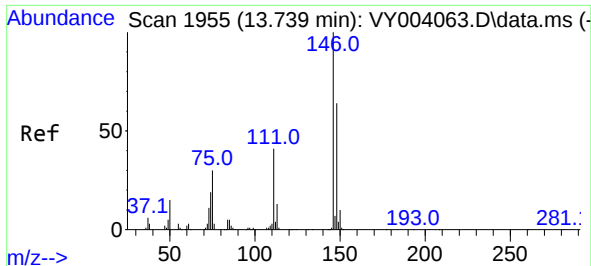
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#90
Hexachloroethane
Concen: 3.74 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.007 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	117	Resp:	6801
Ion	Ratio	Lower	Upper
117	100		
201	79.8	46.0	138.0





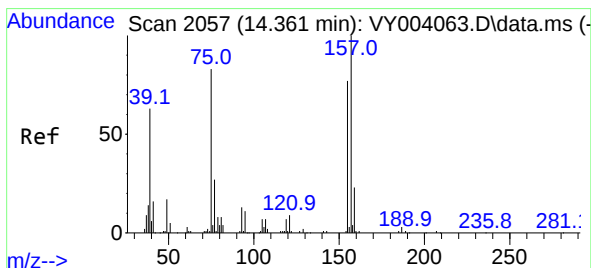
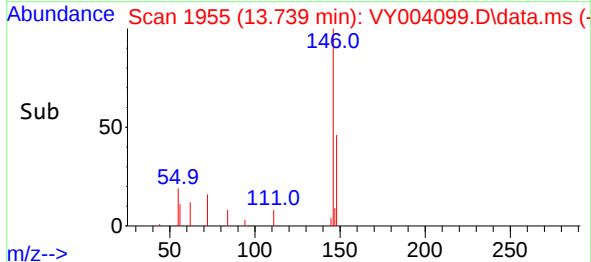
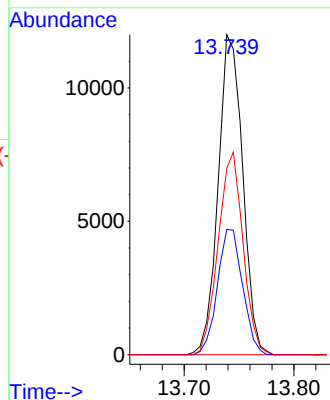
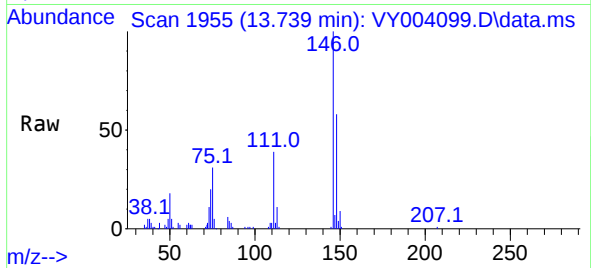
#91
1,2-Dichlorobenzene
Concen: 4.35 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	146	Resp:	18651
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.6	58.8
148	64.1	31.9	95.7

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

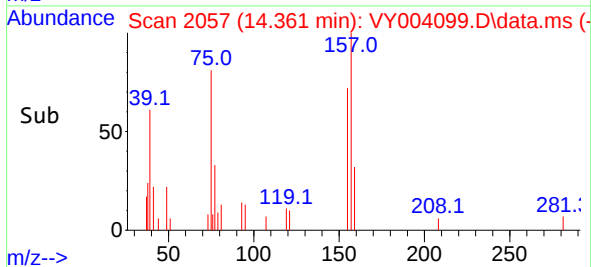
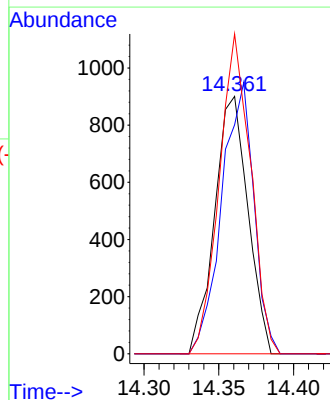
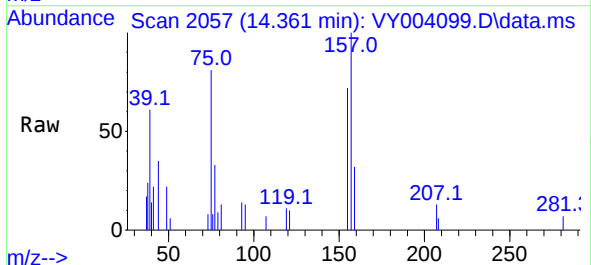
Manual Integrations
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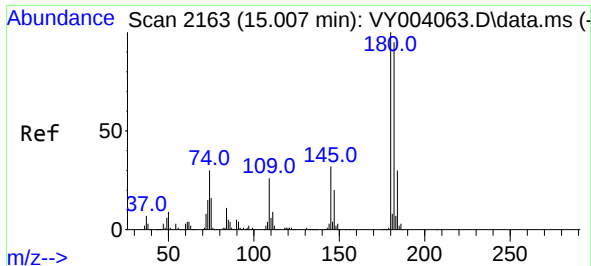
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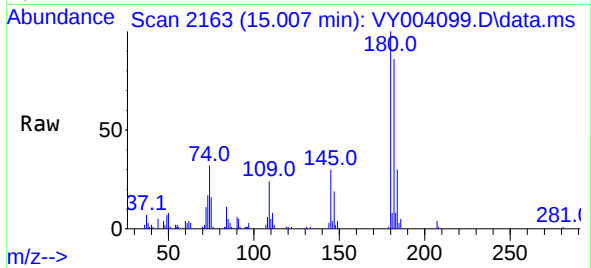
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.92 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	75	Resp:	1397
Ion Ratio	Lower	Upper	
75	100		
155	101.4	42.8	128.4
157	117.0	52.4	157.3

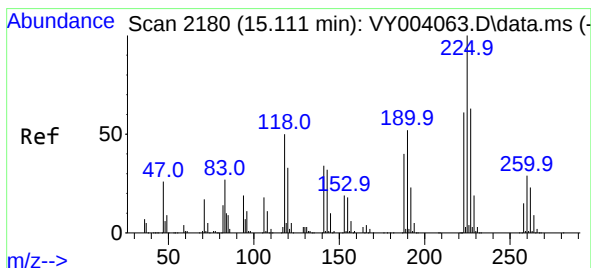
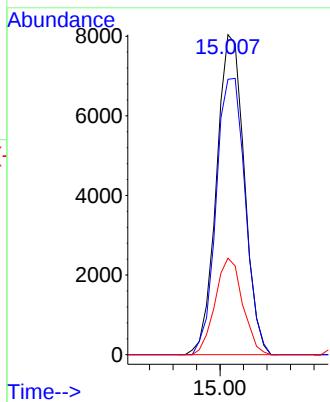
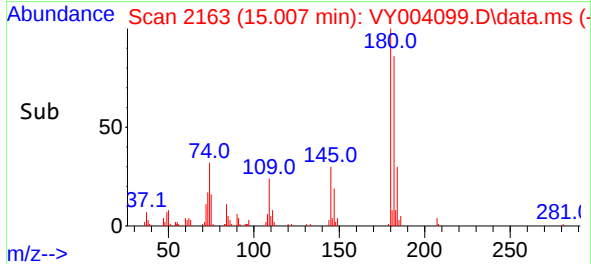




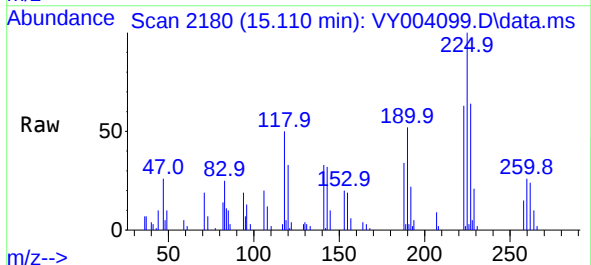
#93
1,2,4-Trichlorobenzene
Concen: 4.54 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



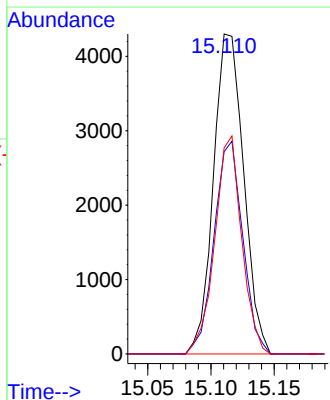
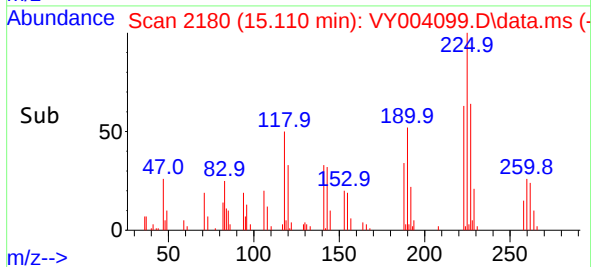
Tgt Ion:	180	Resp:	13206
Ion Ratio	Lower	Upper	
180	100		
182	90.2	48.0	144.0
145	29.8	14.1	42.2



#94
Hexachlorobutadiene
Concen: 4.38 ug/l
RT: 15.110 min Scan# 2180
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37



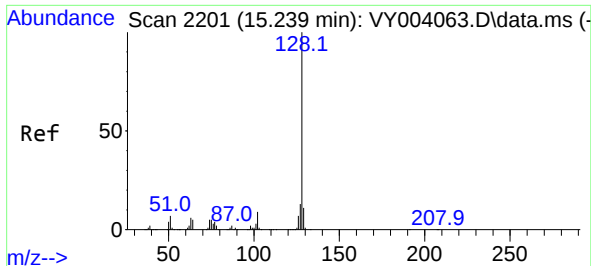
Tgt Ion:	225	Resp:	7138
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.5	94.5
227	60.8	32.1	96.3



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

Manual Integrations
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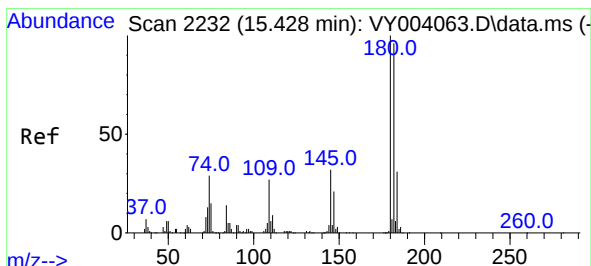
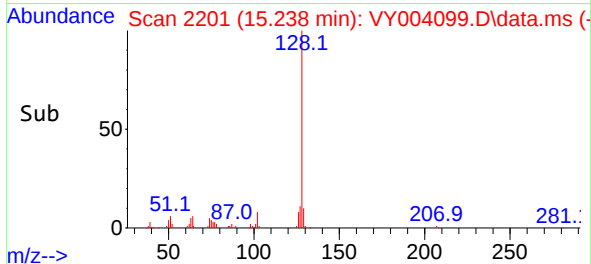
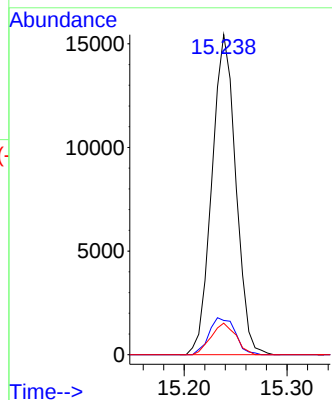
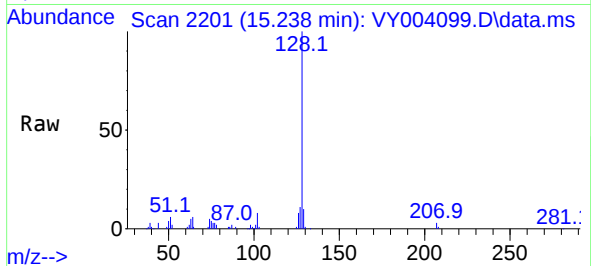
#95
Naphthalene
Concen: 4.32 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	128	Resp:	24928
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.2	8.7	13.1

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.57 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.001 min
Lab File: VY004099.D
Acq: 17 Mar 2021 13:37

Tgt Ion:	180	Resp:	11173
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.6	142.8
145	32.3	15.3	45.9

