

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
 Data File : VY004049.D
 Acq On : 24 Feb 2021 13:02
 Operator : SY/MD
 Sample : M1458-03 4PPBMDL
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 25 01:25:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 25 01:24:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	59750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	82516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	36537	54.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.60%			
35) Dibromofluoromethane	7.722	113	29193	54.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.90%			
50) Toluene-d8	10.179	98	117795	54.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.58%			
62) 4-Bromofluorobenzene	12.477	95	41063	54.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.14%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	2641	4.66	ug/l	91
3) Chloromethane	2.113	50	4279	5.05	ug/l	95
4) Vinyl Chloride	2.253	62	3907	4.76	ug/l	96
5) Bromomethane	2.649	94	2830	5.14	ug/l	92
6) Chloroethane	2.796	64	2345	4.73	ug/l	94
7) Trichlorofluoromethane	3.131	101	4610	4.49	ug/l	98
8) Diethyl Ether	3.527	74	1175	3.57	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	2270	4.13	ug/l	96
10) Methyl Iodide	4.094	142	2333	3.38	ug/l	95
11) Tert butyl alcohol	4.954	59	1386	14.01	ug/l #	76
12) 1,1-Dichloroethene	3.881	96	2064	3.74	ug/l	89
13) Acrolein	3.741	56	1095	16.51	ug/l	98
14) Allyl chloride	4.491	41	4067	3.89	ug/l	96
15) Acrylonitrile	5.173	53	3431	19.80	ug/l	99
16) Acetone	3.948	43	3076	18.25	ug/l #	82
17) Carbon Disulfide	4.192	76	7539	4.23	ug/l	96
18) Methyl Acetate	4.478	43	1582	4.00	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	6272	3.87	ug/l	99
20) Methylene Chloride	4.728	84	4294	6.30	ug/l #	87
21) trans-1,2-Dichloroethene	5.222	96	2403	3.88	ug/l	97
22) Diisopropyl ether	6.118	45	7965	3.88	ug/l #	89
23) Vinyl Acetate	6.070	43	25912	18.62	ug/l	100
24) 1,1-Dichloroethane	6.027	63	4556	4.14	ug/l	96
25) 2-Butanone	6.996	43	4425	18.43	ug/l	95
26) 2,2-Dichloropropane	6.990	77	4114	4.05	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	2735	4.02	ug/l	99
28) Bromochloromethane	7.332	49	1841	3.79	ug/l #	98
29) Tetrahydrofuran	7.350	42	2692	17.37	ug/l	98
30) Chloroform	7.514	83	4695	4.21	ug/l	99
31) Cyclohexane	7.789	56	5542	4.95	ug/l #	86
32) 1,1,1-Trichloroethane	7.703	97	4215	4.12	ug/l	98
36) 1,1-Dichloropropene	7.917	75	3619	4.06	ug/l	98
37) Ethyl Acetate	7.082	43	1953	3.71	ug/l #	94
38) Carbon Tetrachloride	7.911	117	3758	4.09	ug/l	97
39) Methylcyclohexane	9.179	83	4500	4.18	ug/l	92
40) Benzene	8.161	78	10443	4.22	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	1263m	4.54	ug/l	
42) 1,2-Dichloroethane	8.240	62	3405	4.19	ug/l	99
43) Isopropyl Acetate	8.277	43	3700	3.73	ug/l	99
44) Trichloroethene	8.941	130	2819	4.13	ug/l	93
45) 1,2-Dichloropropane	9.215	63	2529	4.17	ug/l	98
46) Dibromomethane	9.307	93	1240	3.66	ug/l	91
47) Bromodichloromethane	9.496	83	3529	4.07	ug/l	91
48) Methyl methacrylate	9.289	41	1802	3.71	ug/l	93
49) 1,4-Dioxane	9.301	88	313	76.57	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	9112	17.78	ug/l	99
52) Toluene	10.246	92	6320	4.09	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	3795	4.07	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	3985	3.82	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	1931	4.02	ug/l	94
56) Ethyl methacrylate	10.508	69	2639	3.85	ug/l	97
57) 1,3-Dichloropropane	10.788	76	3367	3.96	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	7176	23.06	ug/l	96
59) 2-Hexanone	10.831	43	6219	17.22	ug/l	99
60) Dibromochloromethane	10.983	129	2385	3.93	ug/l	100
61) 1,2-Dibromoethane	11.093	107	1852	3.93	ug/l	99
64) Tetrachloroethene	10.721	164	3196	4.20	ug/l	92
65) Chlorobenzene	11.514	112	6902	4.15	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	2481	3.91	ug/l	99
67) Ethyl Benzene	11.593	91	12079	3.87	ug/l	95
68) m/p-Xylenes	11.697	106	9234	8.03	ug/l	98
69) o-Xylene	12.026	106	4377	4.05	ug/l	98
70) Styrene	12.044	104	7240	3.90	ug/l	99
71) Bromoform	12.203	173	1595	3.93	ug/l #	96
73) Isopropylbenzene	12.331	105	11886	3.95	ug/l	99
74) N-amyl acetate	12.142	43	3151	3.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	2095	3.82	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	1744m	4.10	ug/l	
77) Bromobenzene	12.605	156	2968	4.01	ug/l	98
78) n-propylbenzene	12.666	91	14454	4.01	ug/l	97
79) 2-Chlorotoluene	12.751	91	8191	4.01	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	9954	3.88	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.379	75	860	3.75	ug/l	94
82) 4-Chlorotoluene	12.849	91	8782	4.09	ug/l	99
83) tert-Butylbenzene	13.068	119	8716	3.96	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	9909	3.85	ug/l	98
85) sec-Butylbenzene	13.251	105	11939	3.96	ug/l	97
86) p-Isopropyltoluene	13.367	119	10277	3.66	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	5731	4.06	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	5752	4.10	ug/l	90
89) n-Butylbenzene	13.690	91	10454	4.01	ug/l	98
90) Hexachloroethane	13.958	117	2010	4.02	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	5018	4.02	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	395	3.76	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	3569	3.98	ug/l	98
94) Hexachlorobutadiene	15.105	225	2496	4.41	ug/l	96
95) Naphthalene	15.233	128	6179	3.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	3013	3.94	ug/l	99

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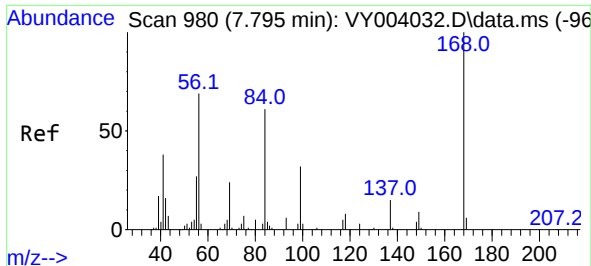
Manual Integrations
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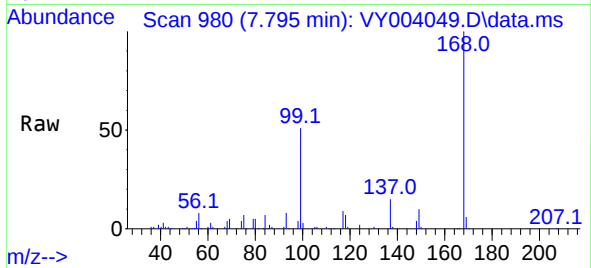
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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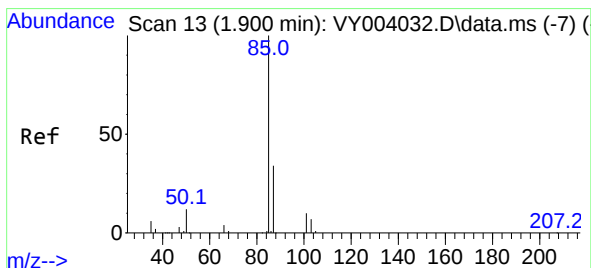
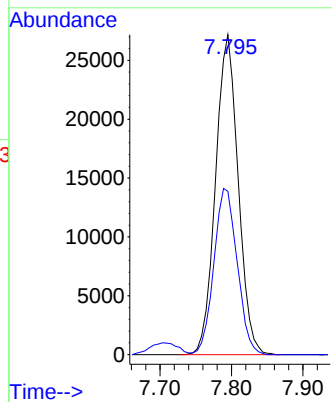
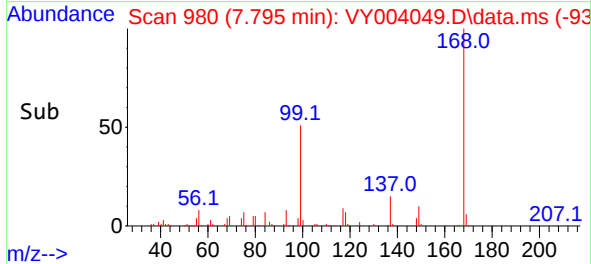
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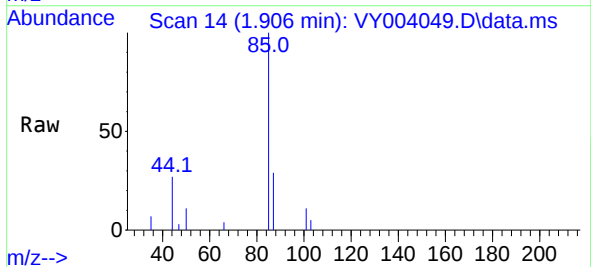
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004049.D
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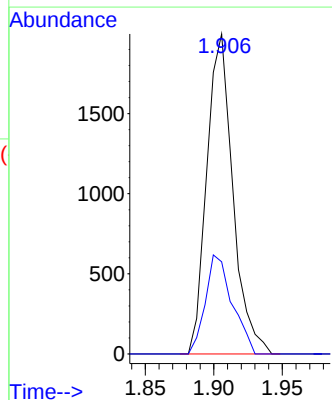
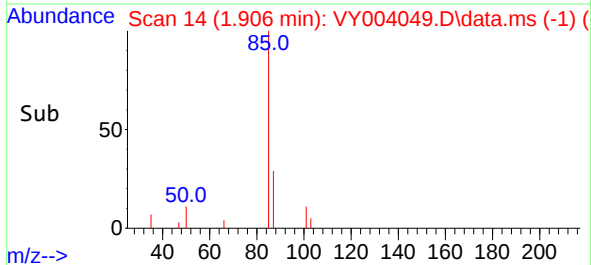
Tgt Ion: 168 Resp: 59750
Ion Ratio Lower Upper
168 100
99 51.0 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 4.66 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



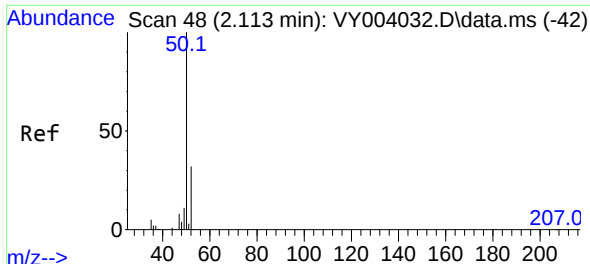
Tgt Ion: 85 Resp: 2641
Ion Ratio Lower Upper
85 100
87 28.8 17.0 51.0



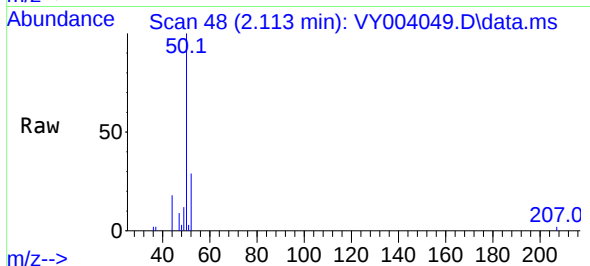
Instrument :
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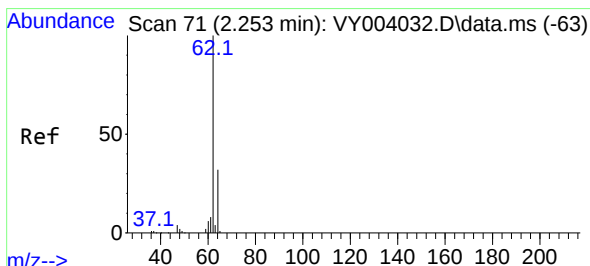
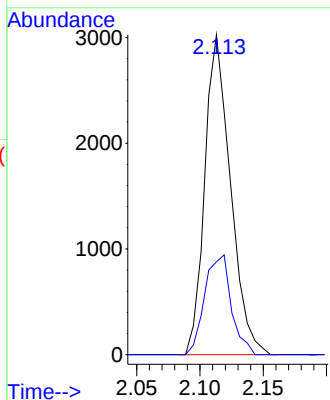
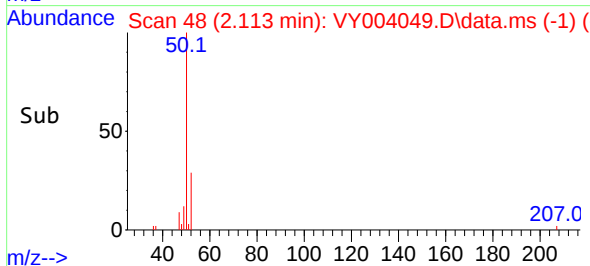
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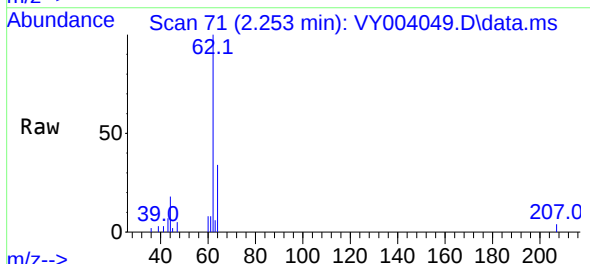
#3
Chloromethane
Concen: 5.05 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



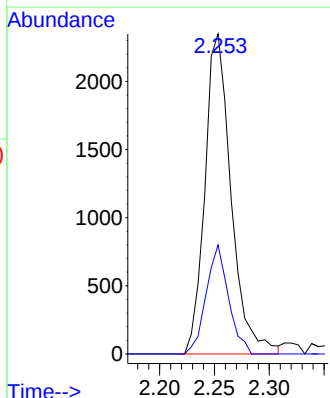
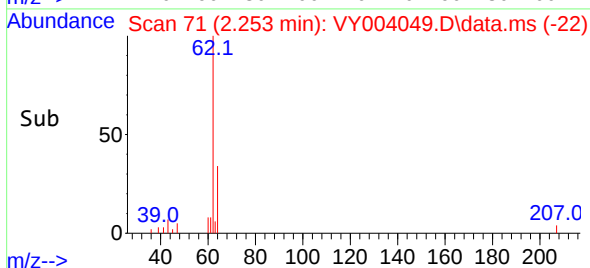
Tgt Ion: 50 Resp: 4279
Ion Ratio Lower Upper
50 100
52 29.0 25.4 38.2



#4
Vinyl Chloride
Concen: 4.76 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



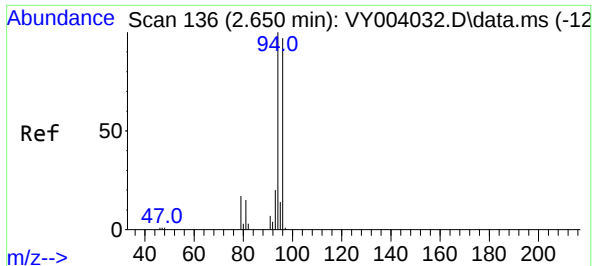
Tgt Ion: 62 Resp: 3907
Ion Ratio Lower Upper
62 100
64 34.1 25.3 37.9



Instrument :
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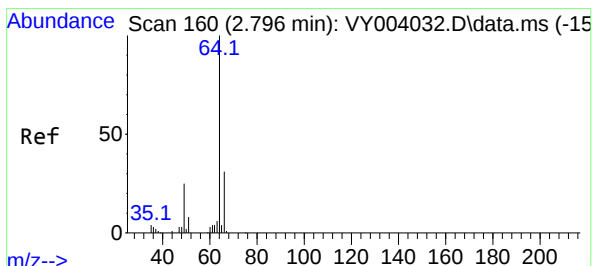
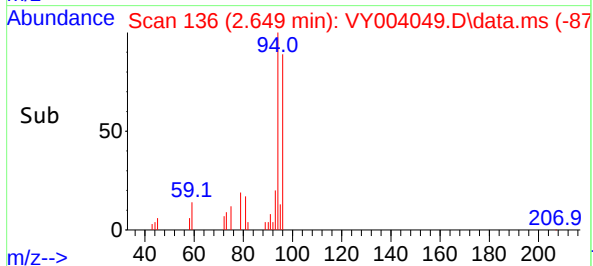
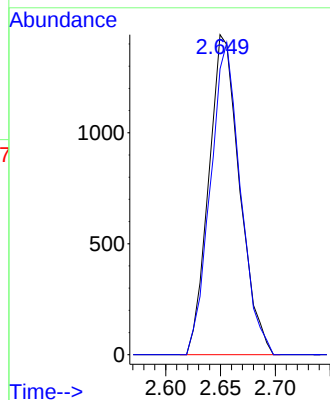
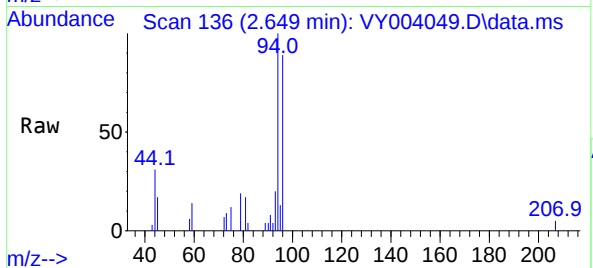
#5
Bromomethane
Concen: 5.14 ug/l
RT: 2.649 min Scan# 136
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 2830
Ion Ratio Lower Upper
94 100
96 89.3 77.4 116.2

Instrument :
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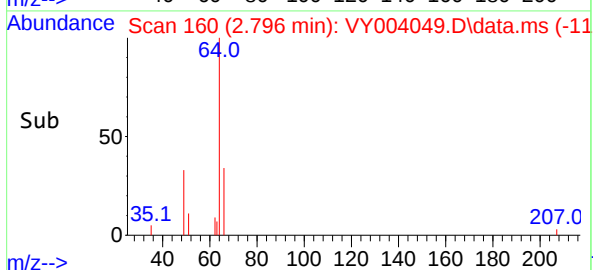
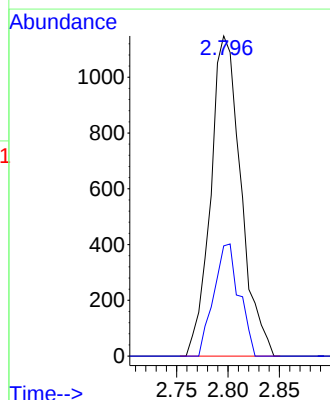
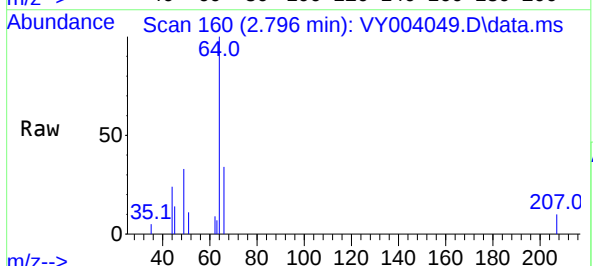
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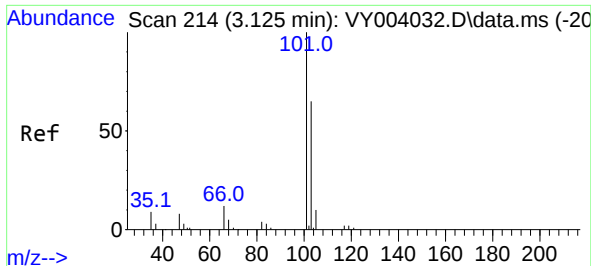
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#6
Chloroethane
Concen: 4.73 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY004049.D
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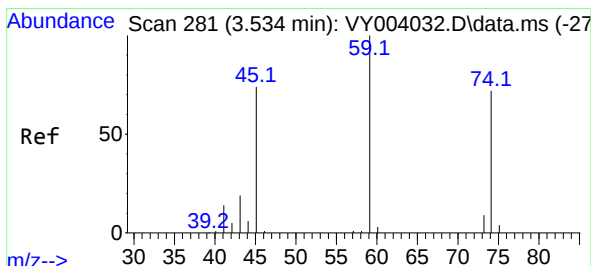
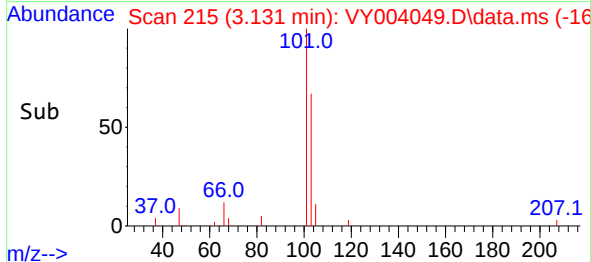
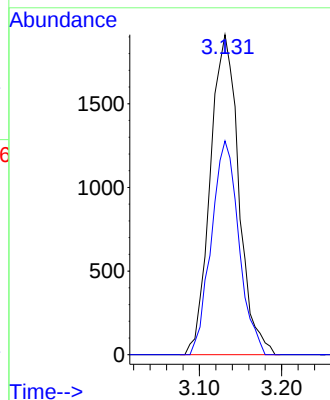
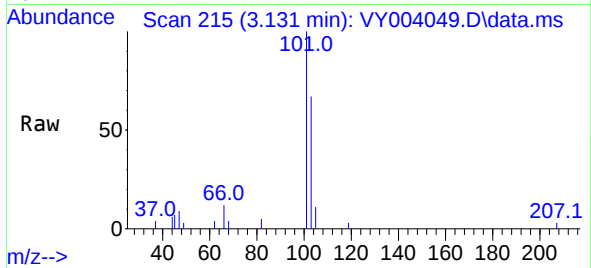
Tgt Ion: 64 Resp: 2345
Ion Ratio Lower Upper
64 100
66 34.4 25.0 37.6





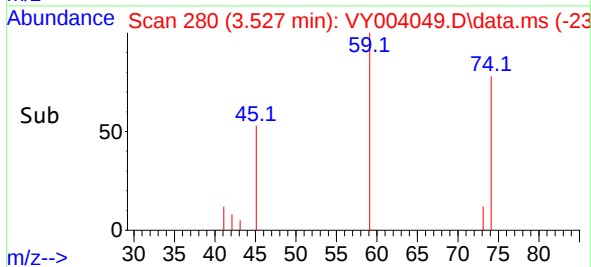
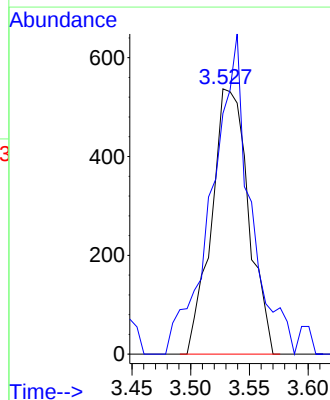
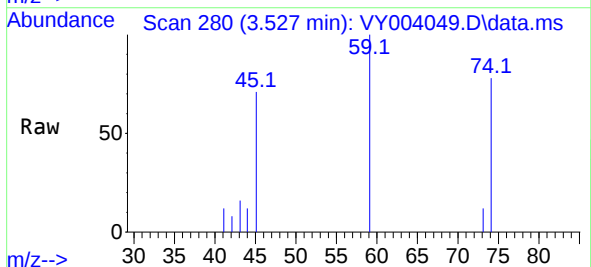
#7
Trichlorofluoromethane
Concen: 4.49 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:101 Resp: 4610
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.2



#8
Diethyl Ether
Concen: 3.57 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

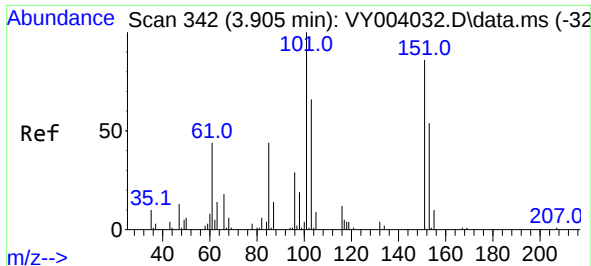
Tgt Ion: 74 Resp: 1175
Ion Ratio Lower Upper
74 100
45 125.5 52.6 157.8



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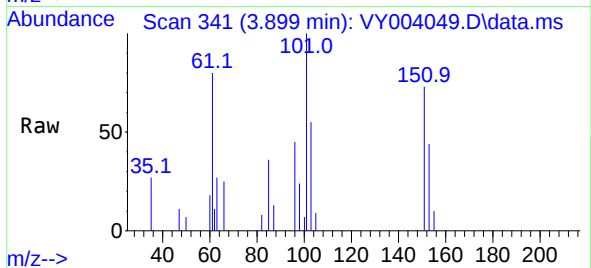
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.13 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
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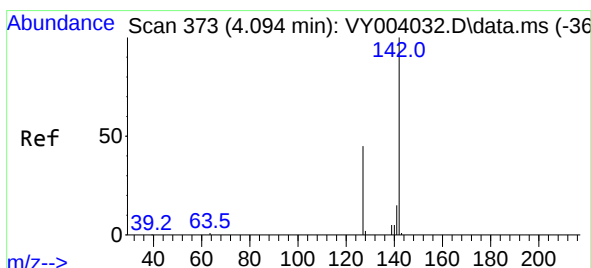
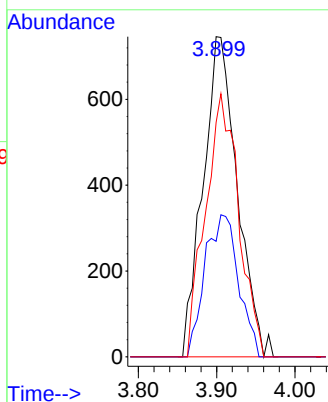
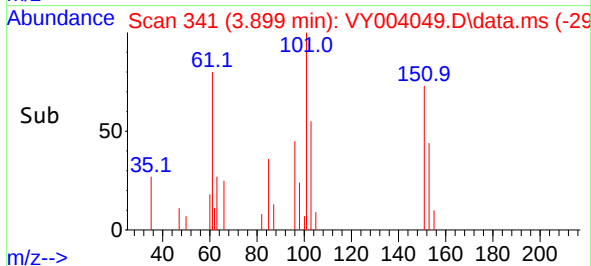
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ClientSampleId :
MDL-SOIL-03-QT1-2021



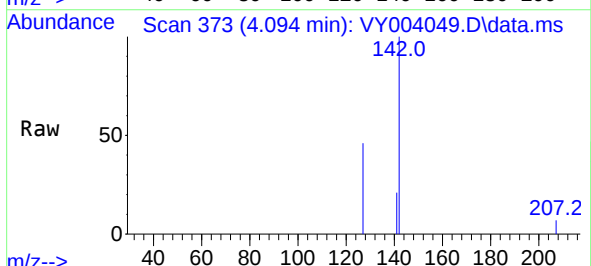
Tgt Ion:101 Resp: 2270
Ion Ratio Lower Upper
101 100
85 43.3 36.1 54.1
151 79.5 66.9 100.3

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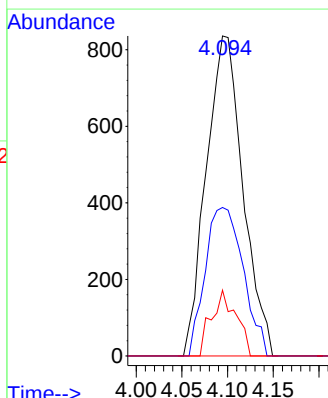
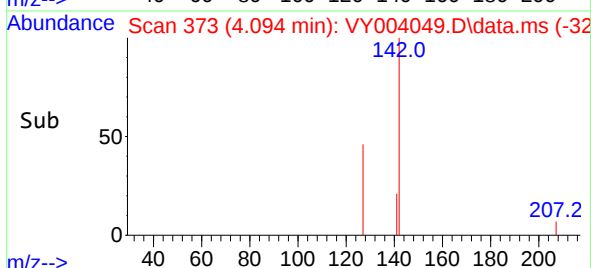
MMDadoda
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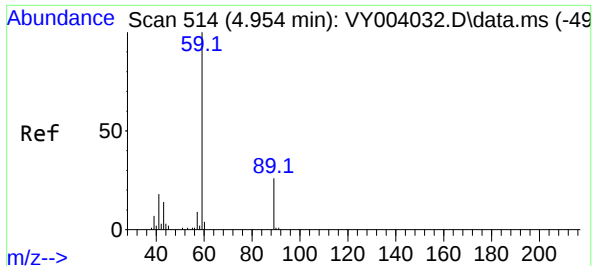


#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



Tgt Ion:142 Resp: 2333
Ion Ratio Lower Upper
142 100
127 47.9 35.4 53.0
141 13.8 11.5 17.3





#11

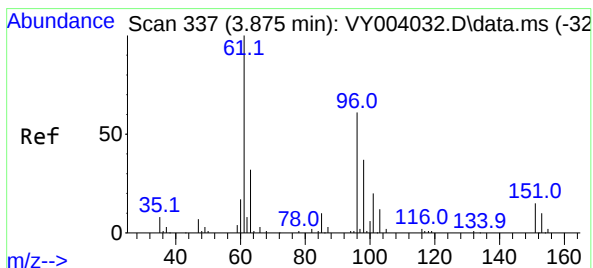
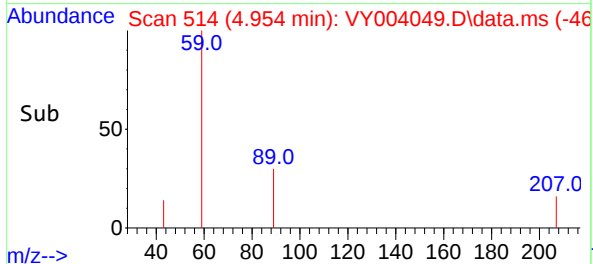
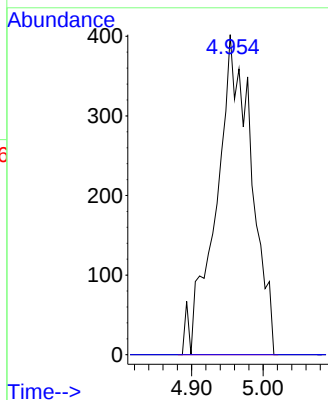
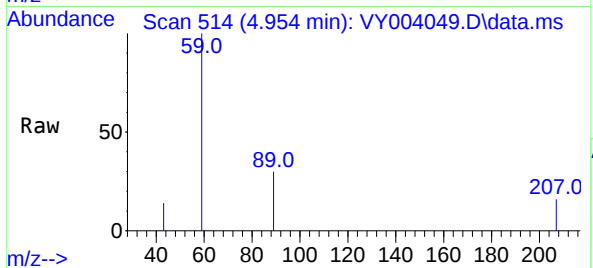
Tert butyl alcohol
Concen: 14.01 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 59 Resp: 1386
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

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

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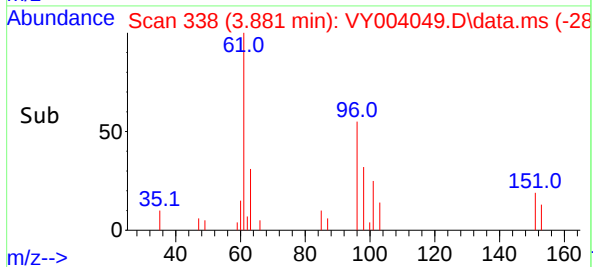
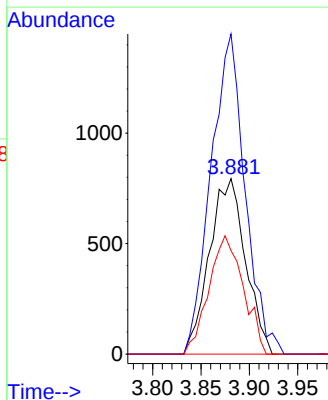
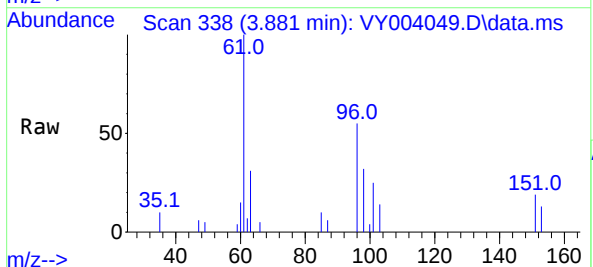
MMDadoda
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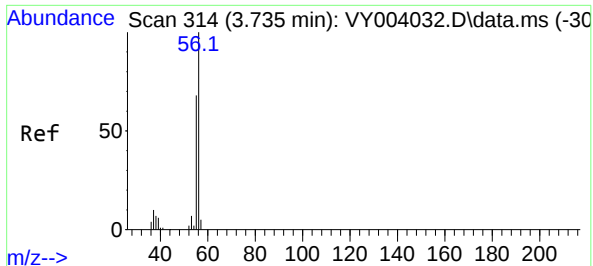


#12

1,1-Dichloroethene
Concen: 3.74 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

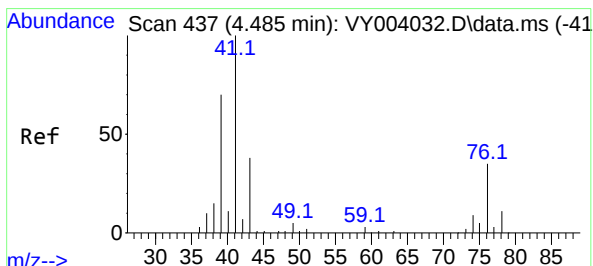
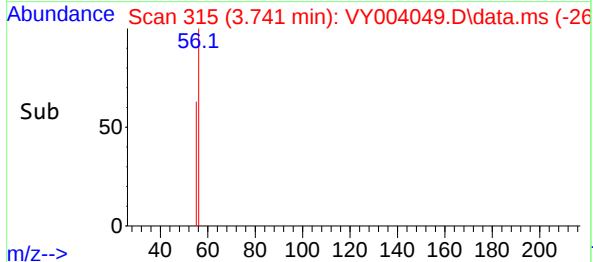
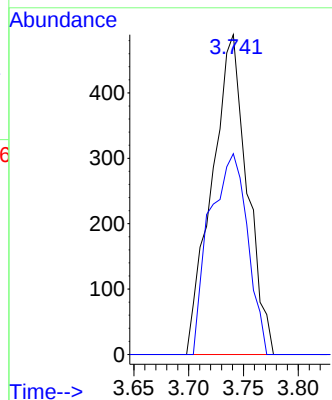
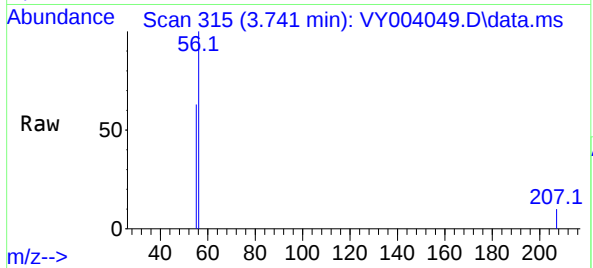
Tgt Ion: 96 Resp: 2064
Ion Ratio Lower Upper
96 100
61 182.5 130.7 196.1
98 58.9 48.9 73.3





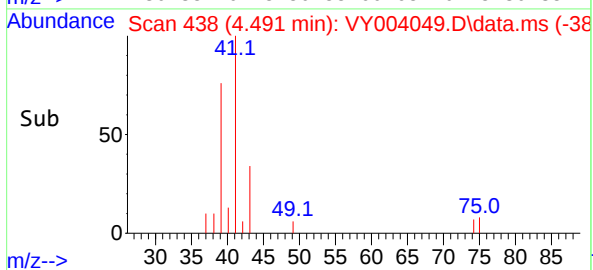
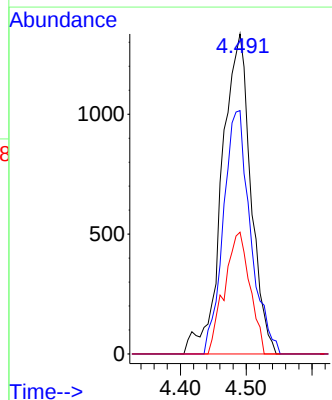
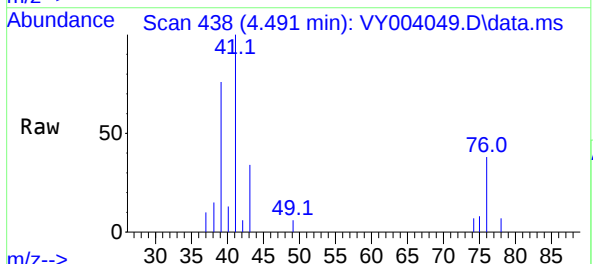
#13
Acrolein
Concen: 16.51 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 56 Resp: 1095
Ion Ratio Lower Upper
56 100
55 67.3 55.4 83.0



#14
Allyl chloride
Concen: 3.89 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

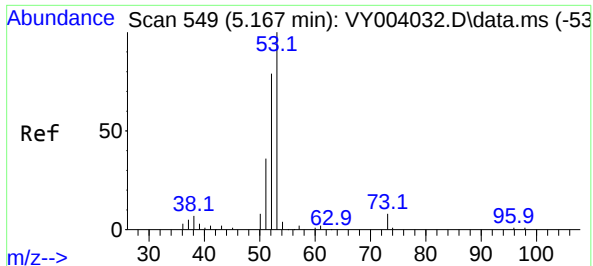
Tgt Ion: 41 Resp: 4067
Ion Ratio Lower Upper
41 100
39 71.7 54.0 81.0
76 33.5 26.1 39.1



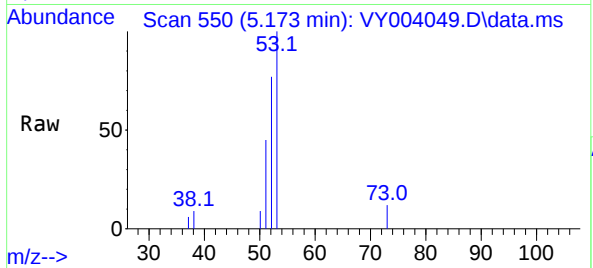
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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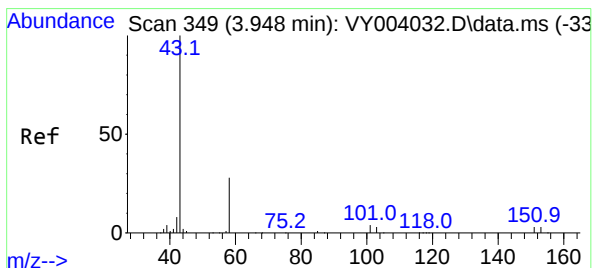
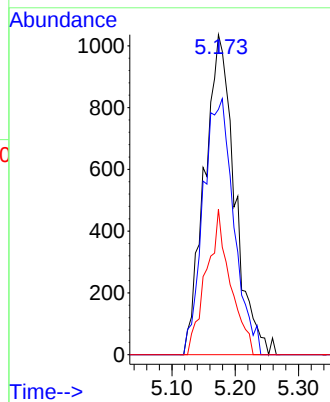
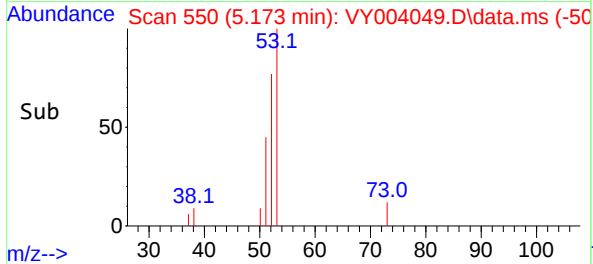
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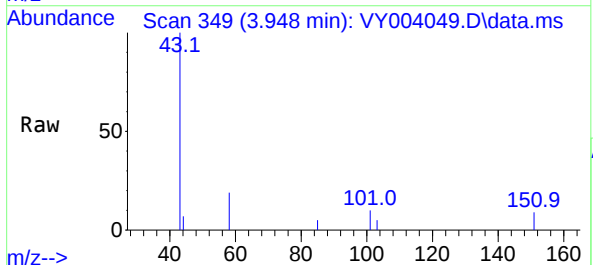
#15
Acrylonitrile
Concen: 19.80 ug/l
RT: 5.173 min Scan# 550
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



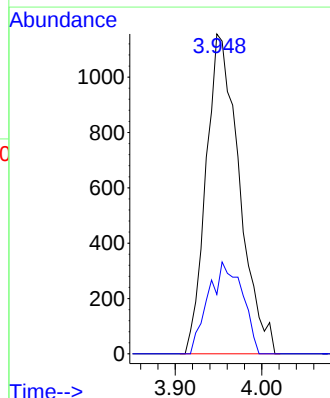
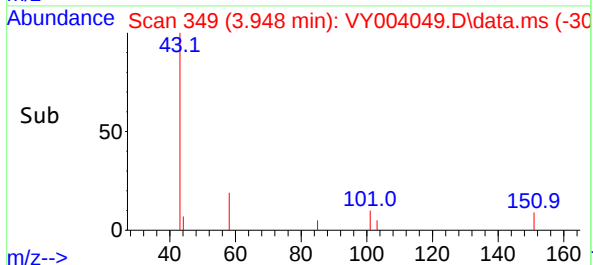
Tgt Ion: 53 Resp: 3431
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 36.3 29.5 44.3



#16
Acetone
Concen: 18.25 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



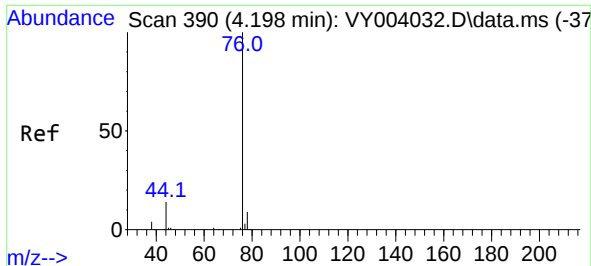
Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
58 18.6 22.6 34.0#



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

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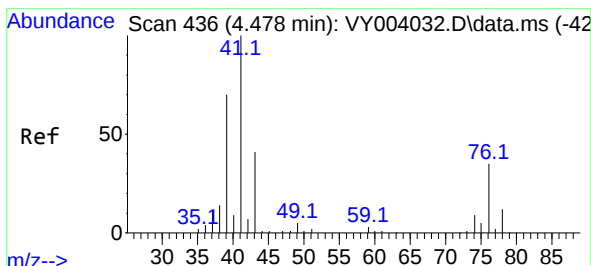
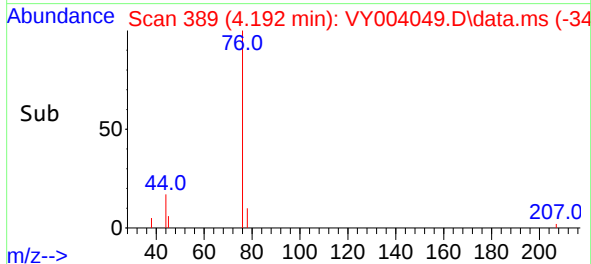
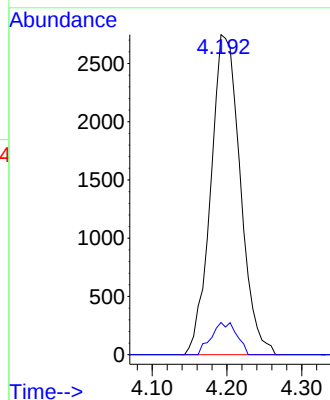
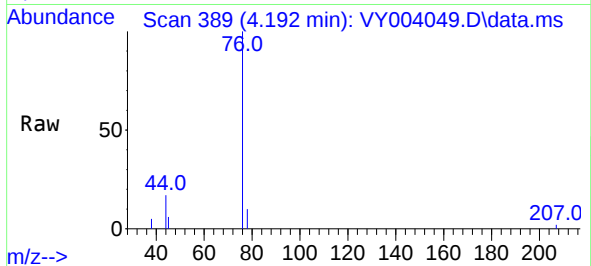
#17
Carbon Disulfide
Concen: 4.23 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	76	Resp:	7539
Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.8	10.2

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

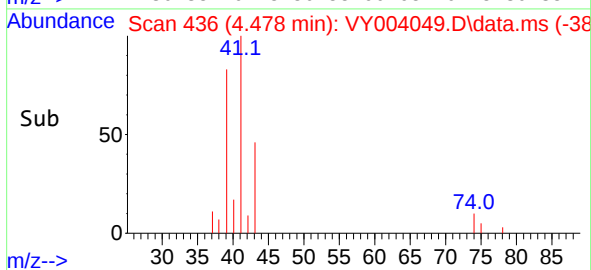
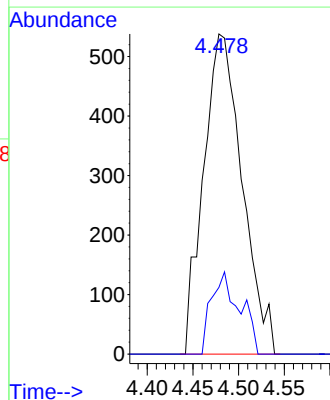
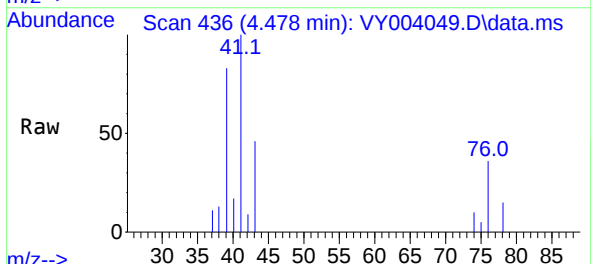
Manual Integrations
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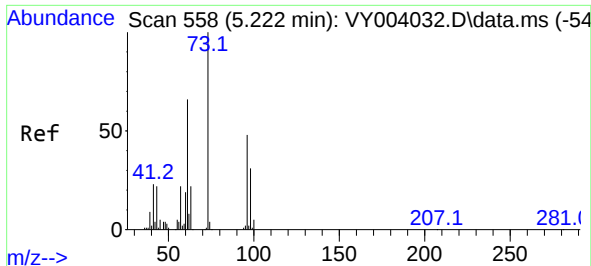
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#18
Methyl Acetate
Concen: 4.00 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	43	Resp:	1582
Ion	Ratio	Lower	Upper
43	100		
74	18.8	17.6	26.4





#19

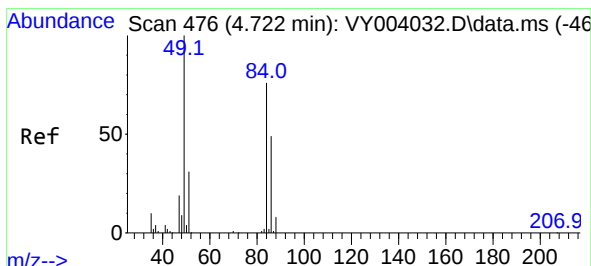
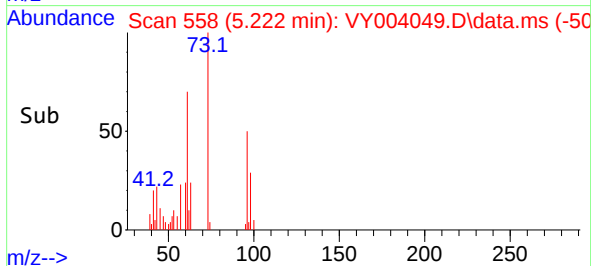
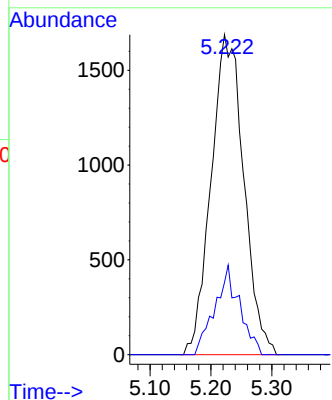
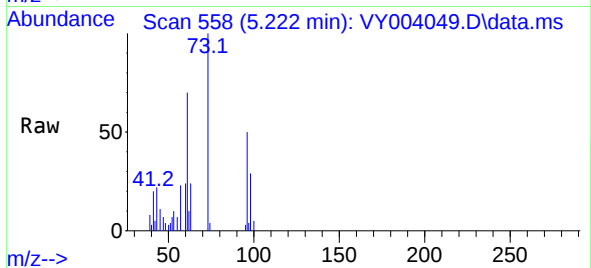
Methyl tert-butyl Ether
Concen: 3.87 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 73 Resp: 6272
Ion Ratio Lower Upper
73 100
57 22.6 17.5 26.3

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

Manual Integrations
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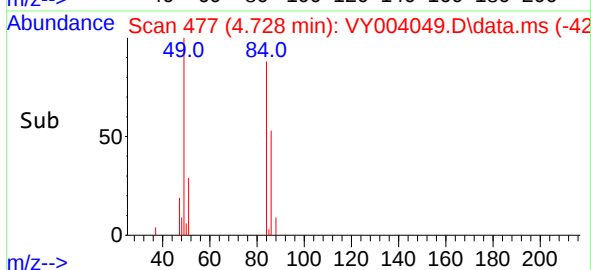
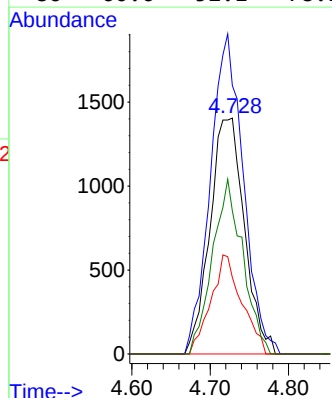
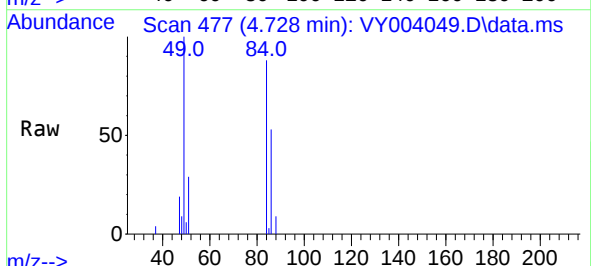
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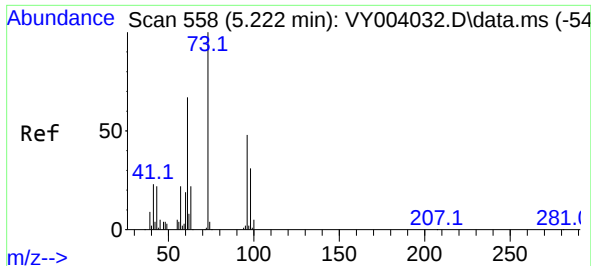


#20

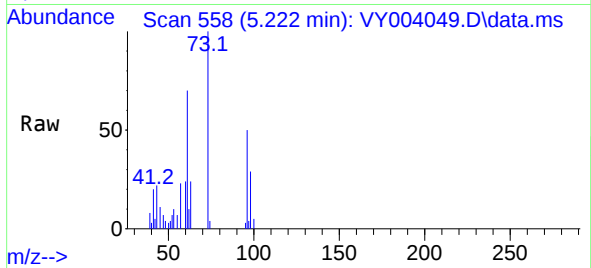
Methylene Chloride
Concen: 6.30 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 84 Resp: 4294
Ion Ratio Lower Upper
84 100
49 113.7 105.8 158.6
51 32.5 32.6 48.8#
86 60.6 52.1 78.1



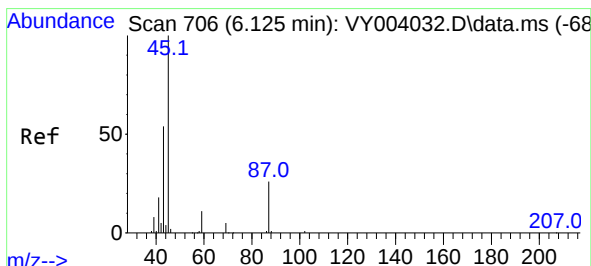
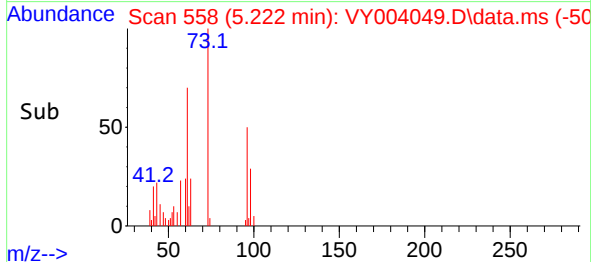
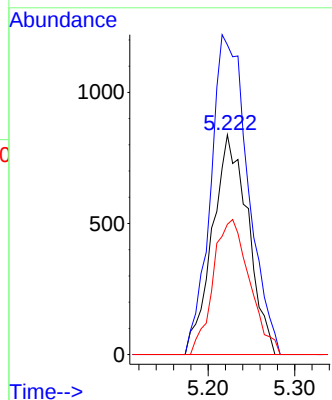


#21
trans-1,2-Dichloroethene
Concen: 3.88 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

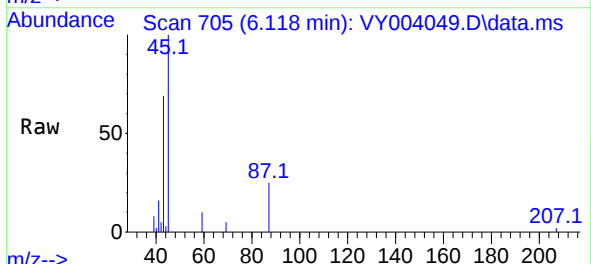


Tgt Ion: 96 Resp: 2403

Ion	Ratio	Lower	Upper
96	100		
61	140.9	110.8	166.2
98	59.3	51.0	76.6

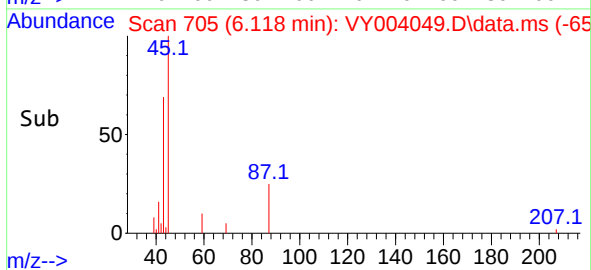
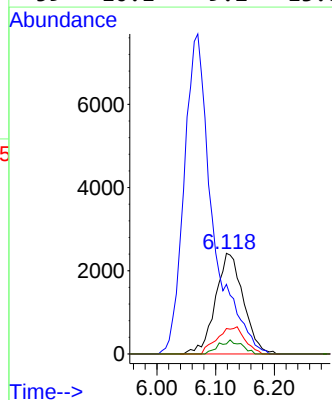


#22
Diisopropyl ether
Concen: 3.88 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



Tgt Ion: 45 Resp: 7965

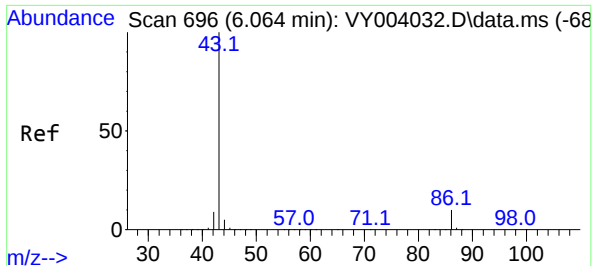
Ion	Ratio	Lower	Upper
45	100		
43	69.2	45.1	67.7#
87	25.3	21.0	31.4
59	10.1	9.2	13.8



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

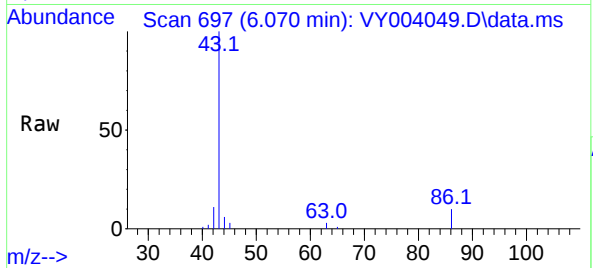
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#23
 Vinyl Acetate
 Concen: 18.62 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY004049.D
 Acq: 24 Feb 2021 13:02

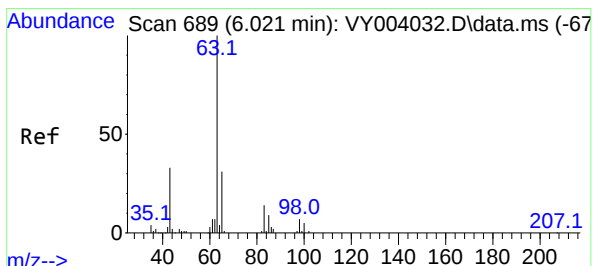
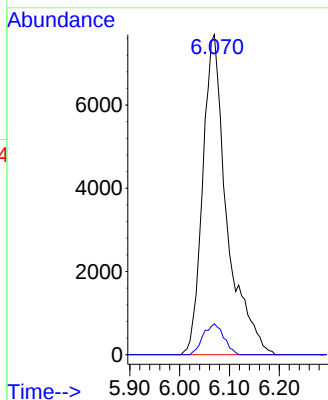
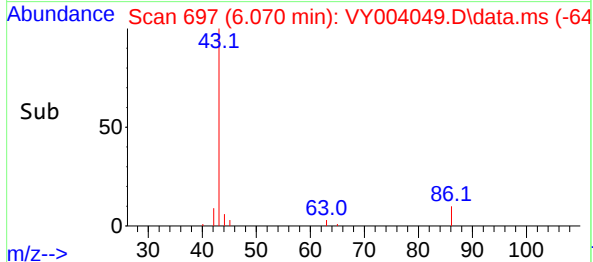
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021



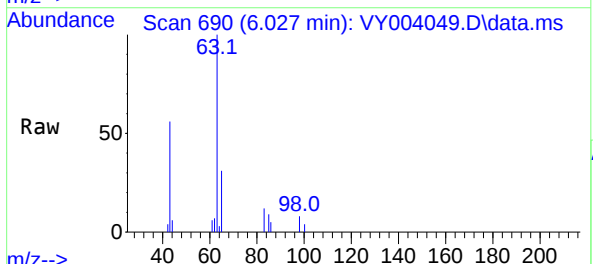
Tgt Ion: 43 Resp: 25912
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.6

Manual Integrations
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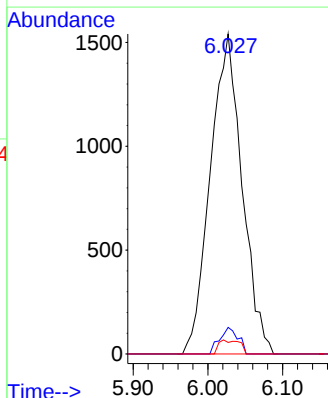
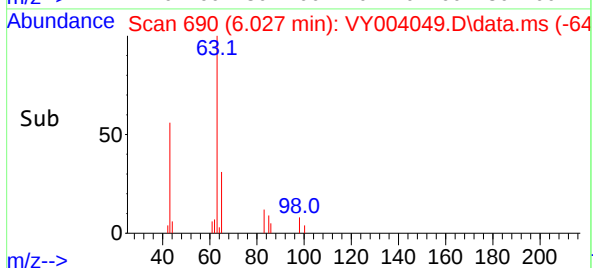
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 2/25/2021 12:17:53 PM

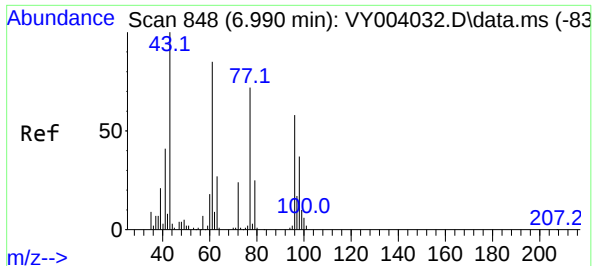


#24
 1,1-Dichloroethane
 Concen: 4.14 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY004049.D
 Acq: 24 Feb 2021 13:02



Tgt Ion: 63 Resp: 4556
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 3.6 2.3 6.9





#25

2-Butanone

Concen: 18.43 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY004049.D

Acq: 24 Feb 2021 13:02

Tgt Ion: 43 Resp: 4425

Ion Ratio Lower Upper

43 100

72 26.9 19.4 29.0

Instrument :

MSVOA_Y

ClientSampleId :

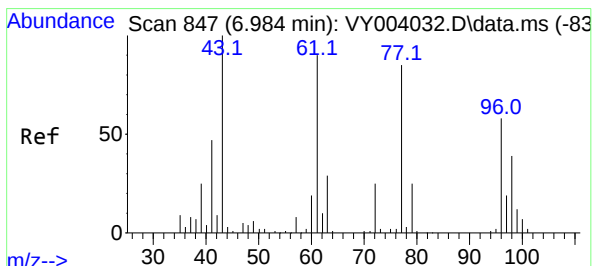
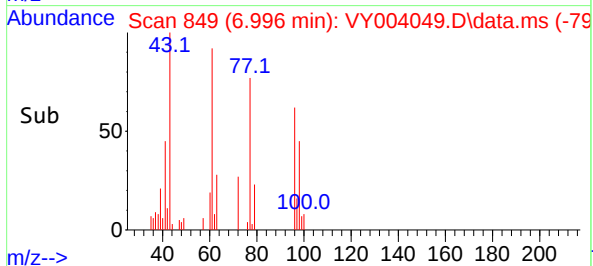
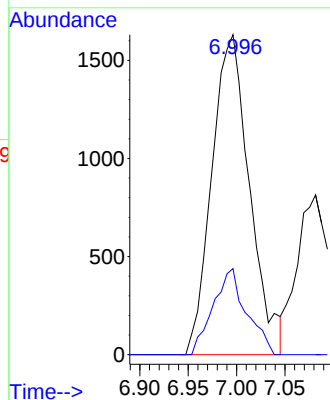
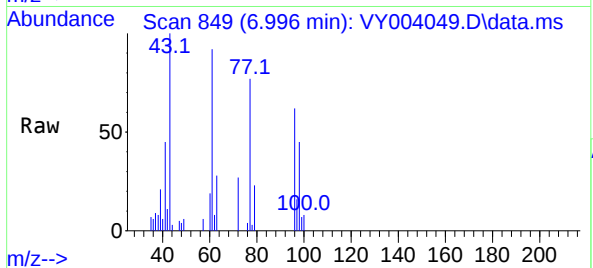
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#26

2,2-Dichloropropane

Concen: 4.05 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY004049.D

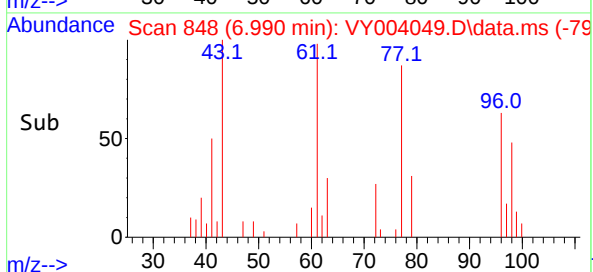
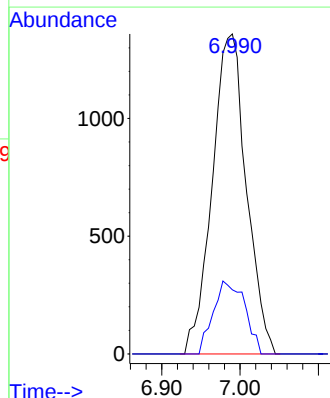
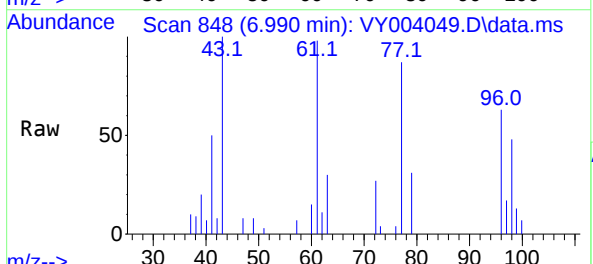
Acq: 24 Feb 2021 13:02

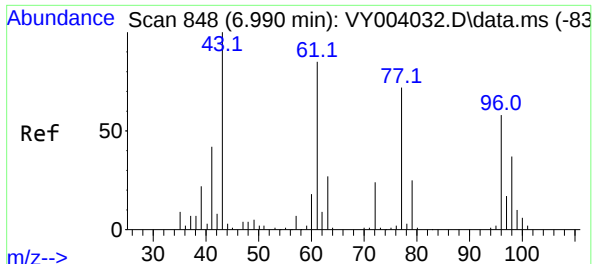
Tgt Ion: 77 Resp: 4114

Ion Ratio Lower Upper

77 100

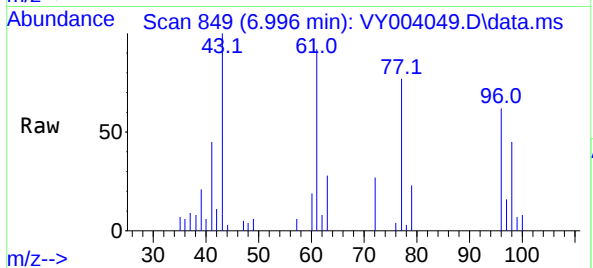
97 20.9 11.4 34.1



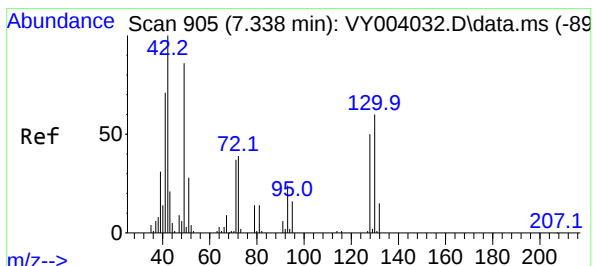
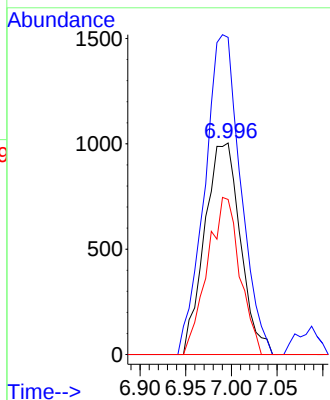
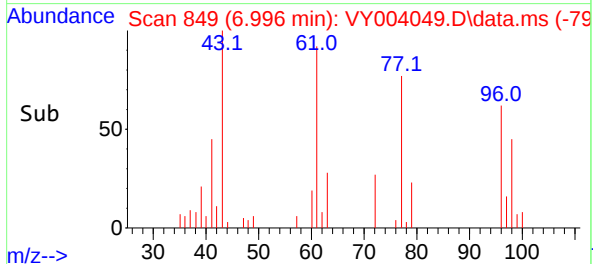


#27

cis-1,2-Dichloroethene
Concen: 4.02 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

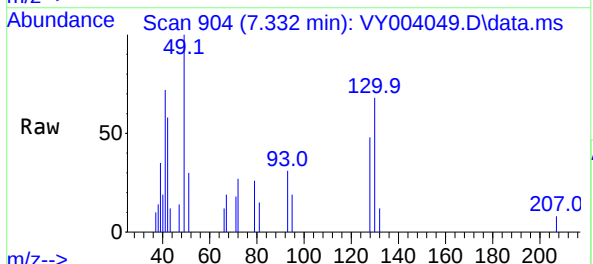


Tgt Ion:	96	Resp:	2735
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	303.6
98	67.5	0.0	130.6

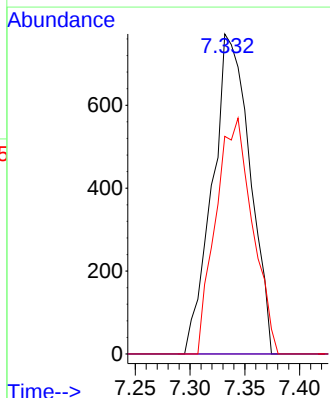
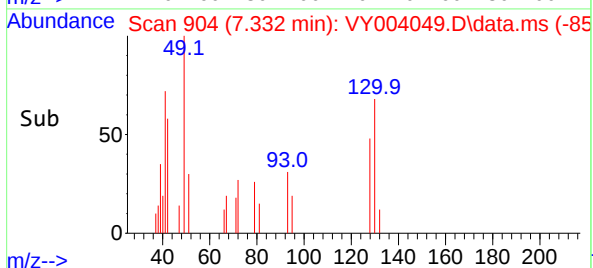


#28

Bromochloromethane
Concen: 3.79 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



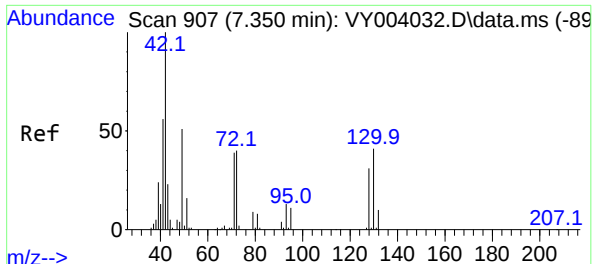
Tgt Ion:	49	Resp:	1841
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	72.0	59.0	88.4



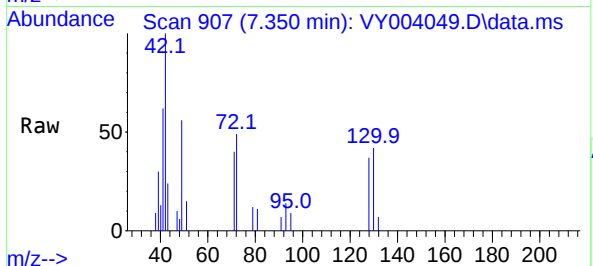
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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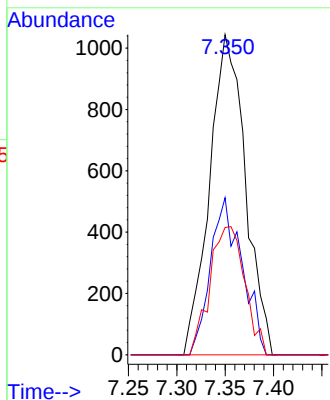
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#29
Tetrahydrofuran
Concen: 17.37 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



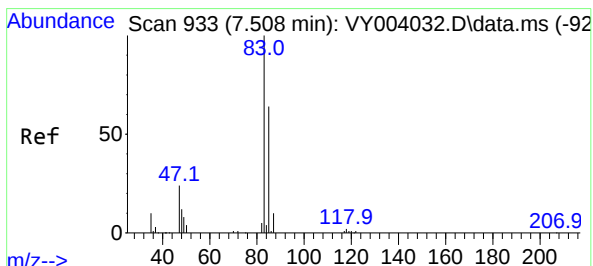
Tgt Ion:	42	Resp:	2692
Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.6	48.8
71	39.0	31.0	46.6



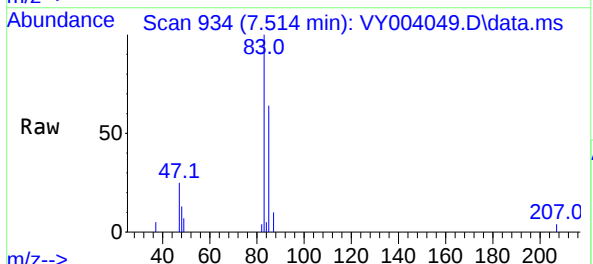
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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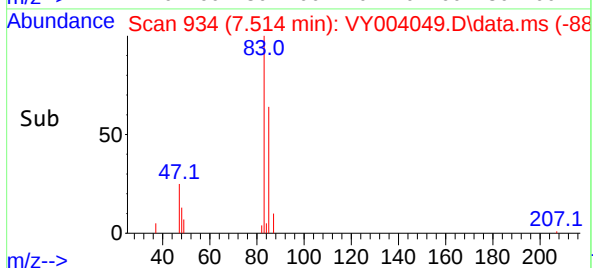
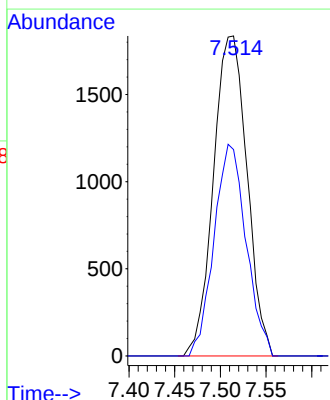
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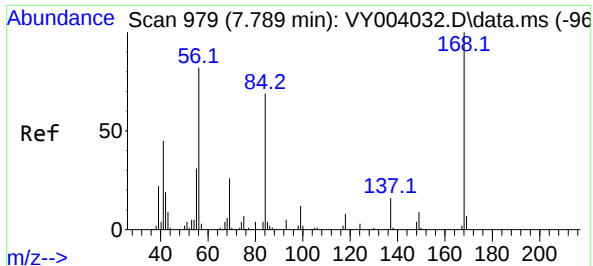


#30
Chloroform
Concen: 4.21 ug/l
RT: 7.514 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

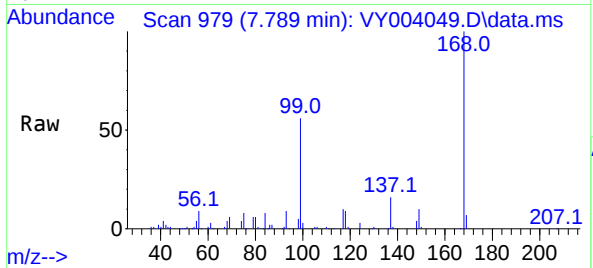


Tgt Ion:	83	Resp:	4695
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6

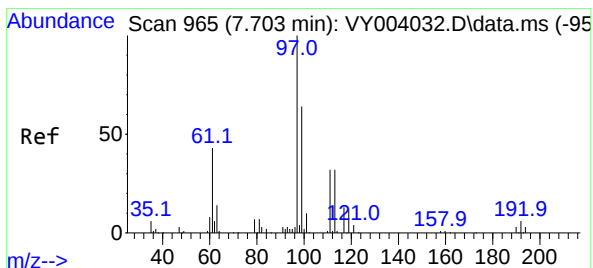
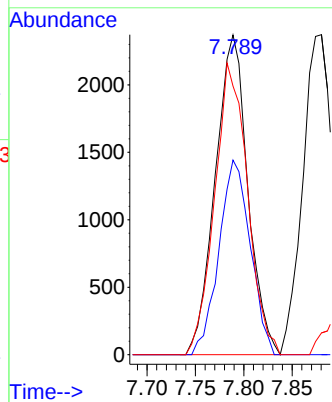
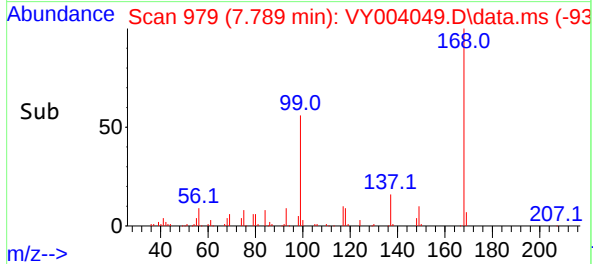




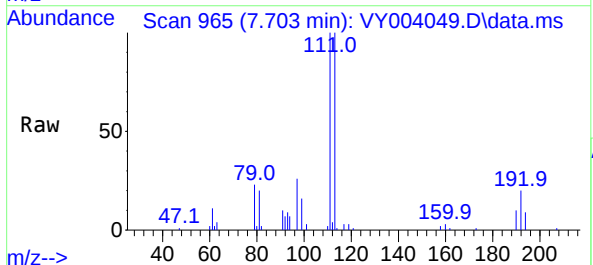
#31
Cyclohexane
Concen: 4.95 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



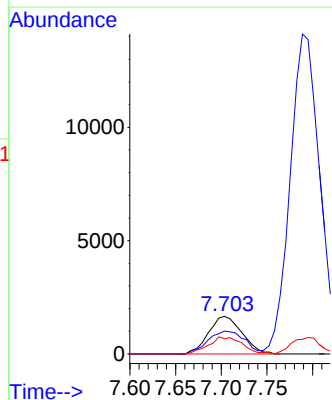
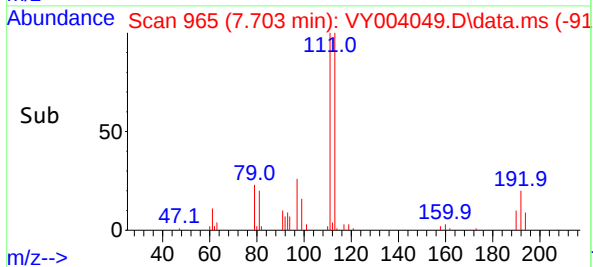
Tgt Ion: 56 Resp: 5542
Ion Ratio Lower Upper
56 100
69 60.8 25.3 37.9#
84 84.0 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 4.12 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



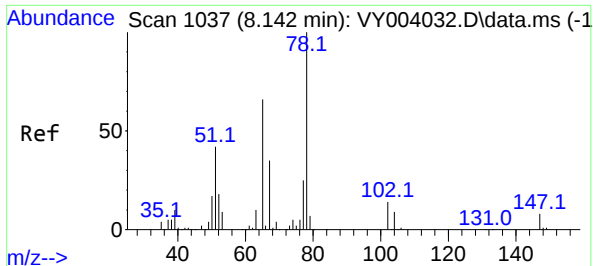
Tgt Ion: 97 Resp: 4215
Ion Ratio Lower Upper
97 100
99 66.1 51.8 77.6
61 45.2 34.5 51.7



Instrument :
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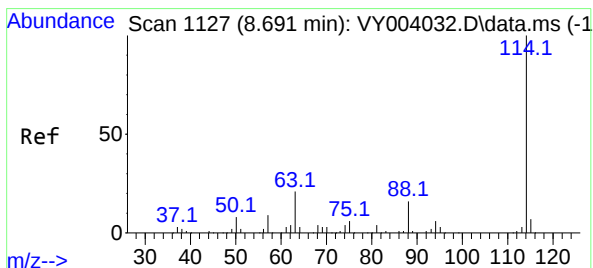
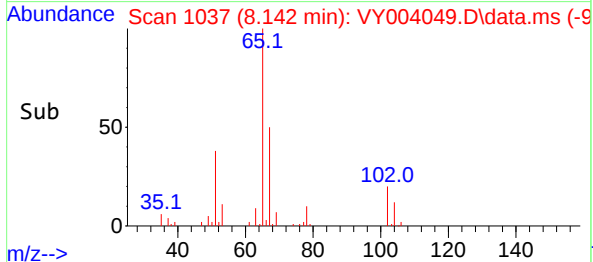
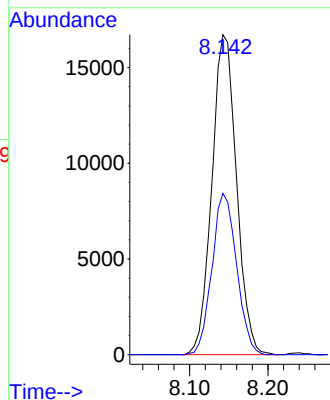
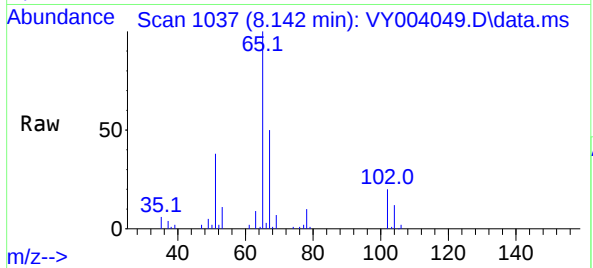
#33
1,2-Dichloroethane-d4
Concen: 54.80 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY004049.D
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Tgt Ion: 65 Resp: 36537
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
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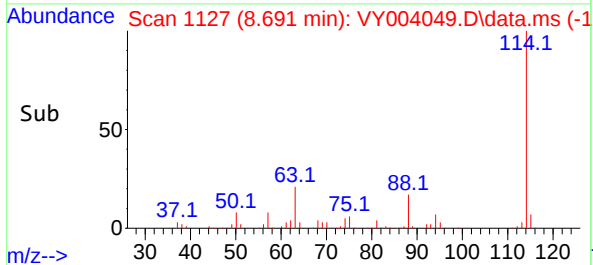
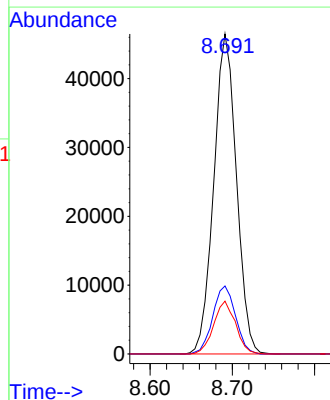
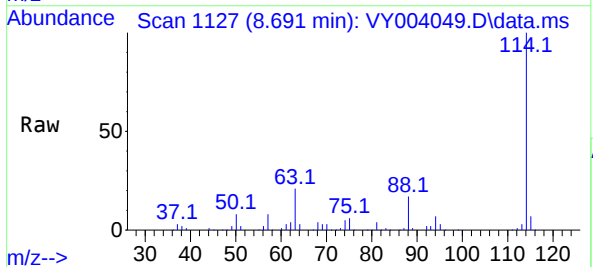
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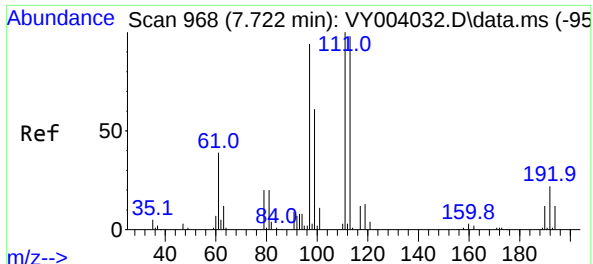
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 114 Resp: 88936
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.5 0.0 31.4





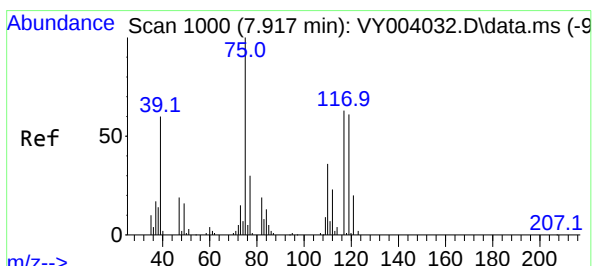
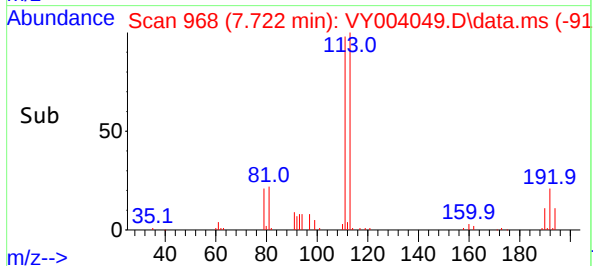
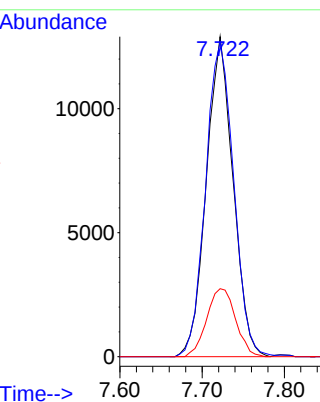
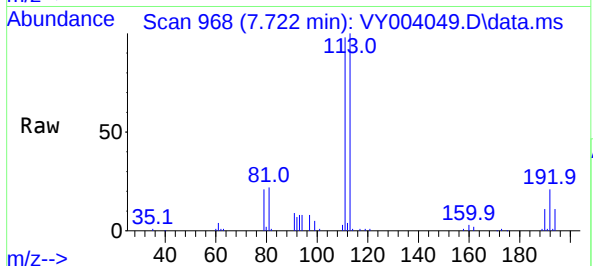
#35
Dibromofluoromethane
Concen: 54.45 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	113	Resp:	29193
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.2	124.8
192	22.9	18.5	27.7

Instrument :
MSVOA_Y
ClientSampleId :
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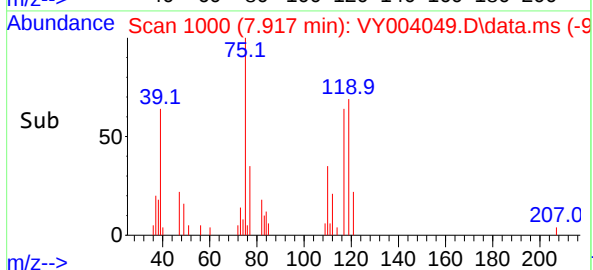
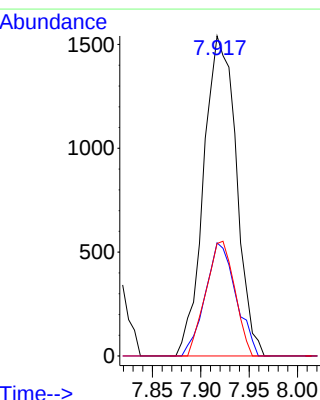
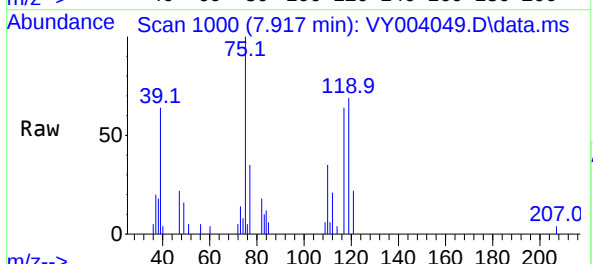
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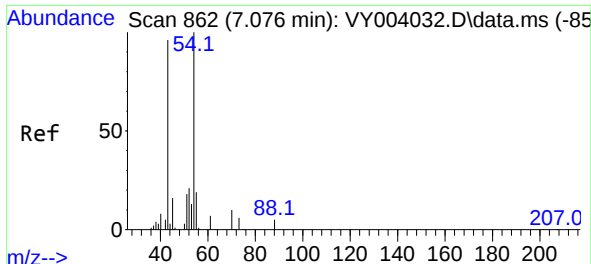
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#36
1,1-Dichloropropene
Concen: 4.06 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	75	Resp:	3619
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.4	52.3
77	31.5	24.5	36.7





#37

Ethyl Acetate

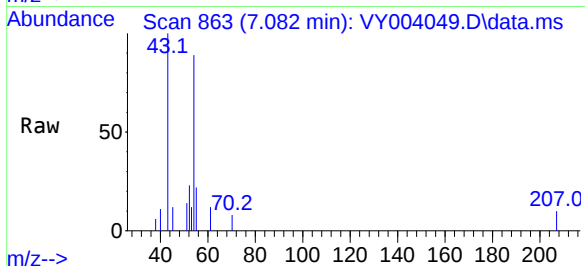
Concen: 3.71 ug/l

RT: 7.082 min Scan# 863

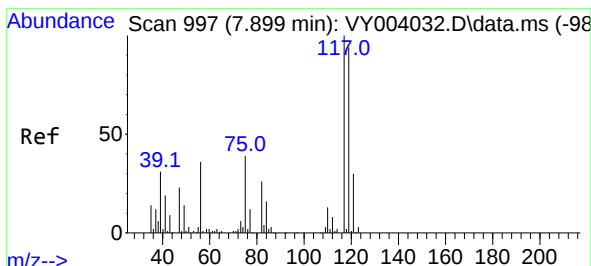
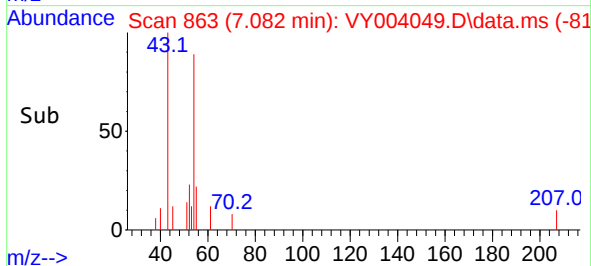
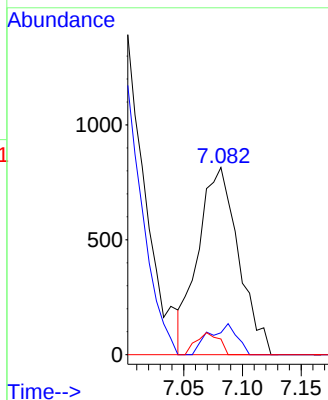
Delta R.T. 0.006 min

Lab File: VY004049.D

Acq: 24 Feb 2021 13:02



Tgt Ion: 43	Resp: 1953
Ion Ratio	Lower Upper
43	100
61	11.3 10.7 16.1
70	6.7 7.7 11.5#



#38

Carbon Tetrachloride

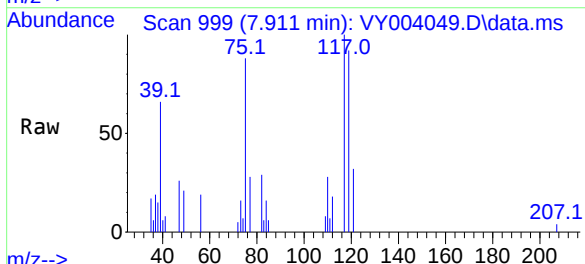
Concen: 4.09 ug/l

RT: 7.911 min Scan# 999

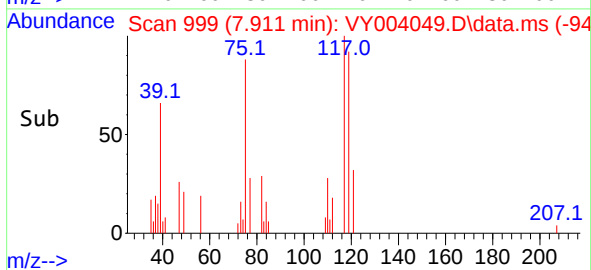
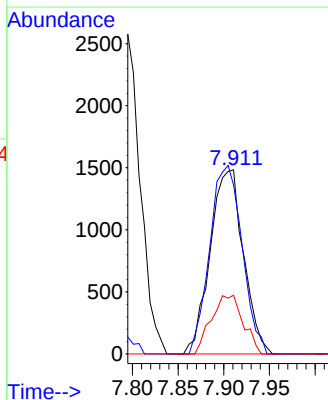
Delta R.T. 0.012 min

Lab File: VY004049.D

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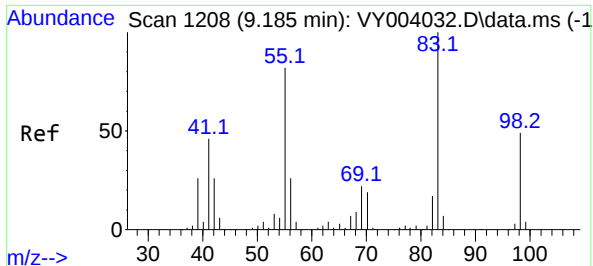
Tgt Ion: 117	Resp: 3758
Ion Ratio	Lower Upper
117	100
119	91.7 75.4 113.0
121	31.9 24.2 36.2



Instrument :
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ClientSampleId :
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#39

Methylcyclohexane

Concen: 4.18 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.006 min

Lab File: VY004049.D

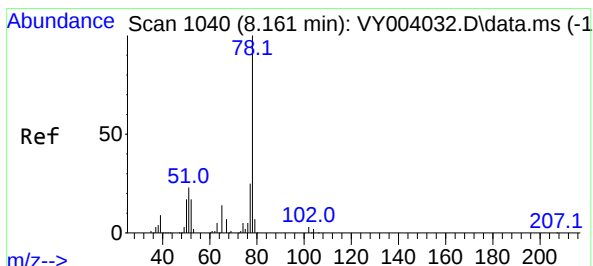
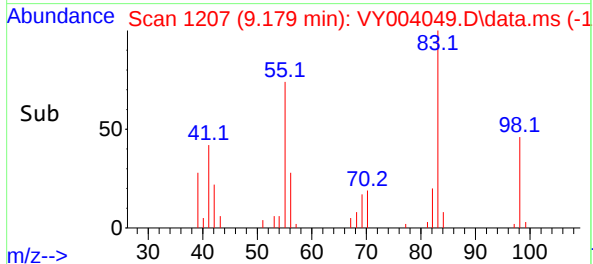
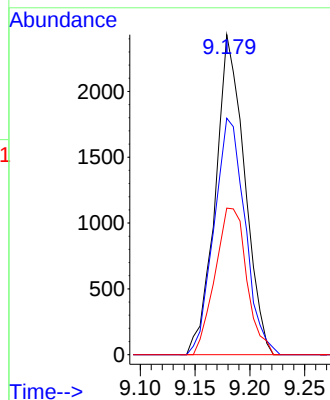
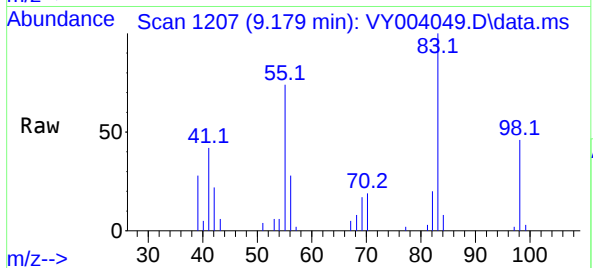
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Tgt Ion:	83	Resp:	4500
Ion	Ratio	Lower	Upper
83	100		
55	73.9	65.6	98.4
98	45.8	39.5	59.3

Instrument :
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ClientSampleId :
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#40

Benzene

Concen: 4.22 ug/l

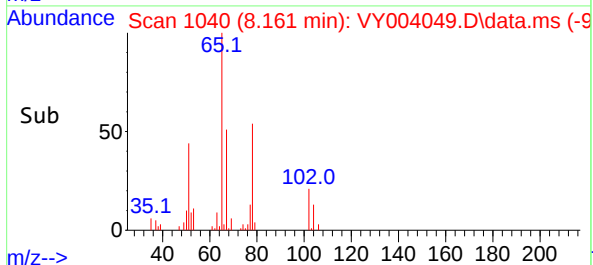
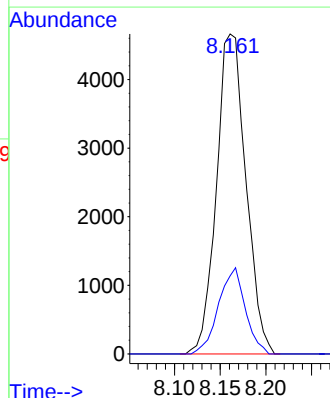
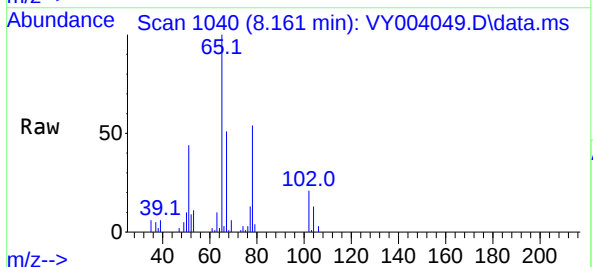
RT: 8.161 min Scan# 1040

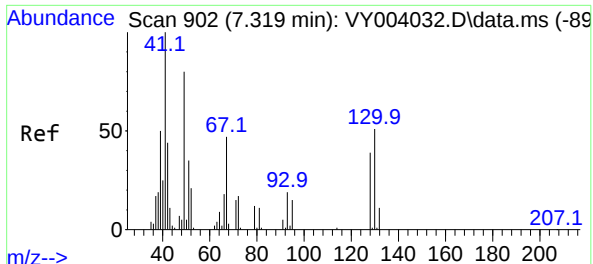
Delta R.T. -0.000 min

Lab File: VY004049.D

Acq: 24 Feb 2021 13:02

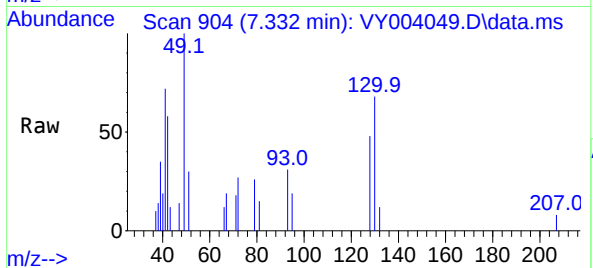
Tgt Ion:	78	Resp:	10443
Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.1	30.1





#41
Methacrylonitrile
Concen: 4.54 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

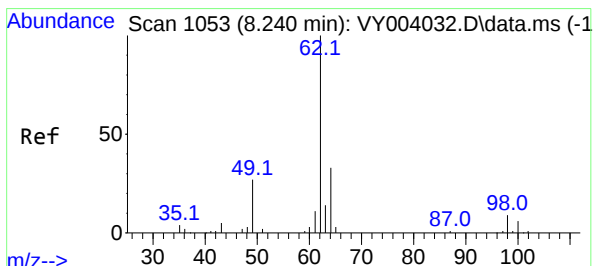
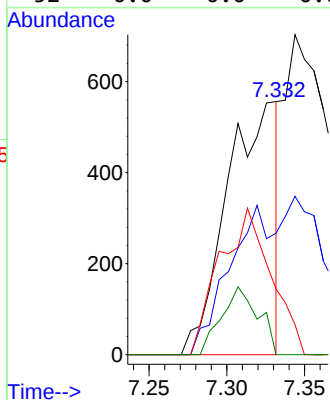
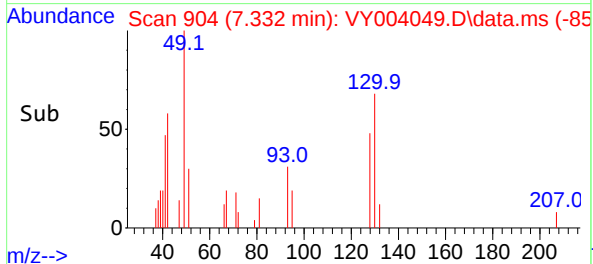
Instrument :
MSVOA_Y
ClientSampleId :
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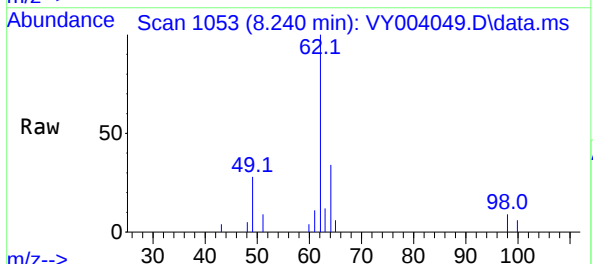
Tgt Ion: 41 Resp: 1263
Ion Ratio Lower Upper
41 100
39 56.2 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

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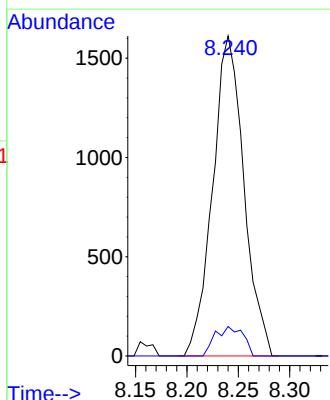
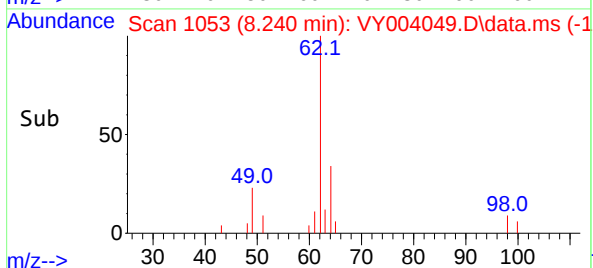
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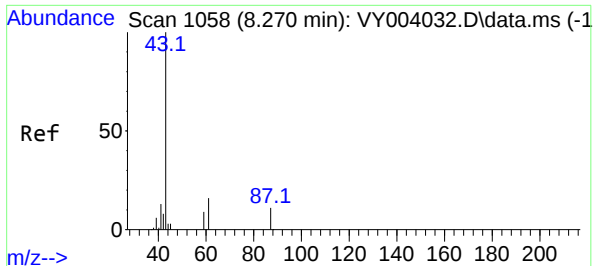


#42
1,2-Dichloroethane
Concen: 4.19 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



Tgt Ion: 62 Resp: 3405
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.0





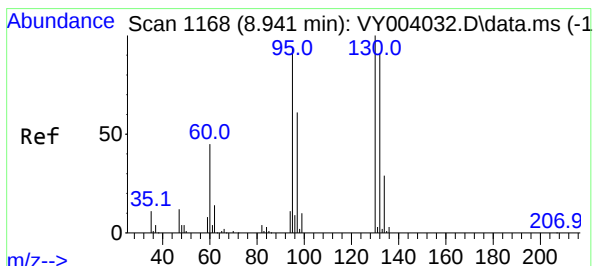
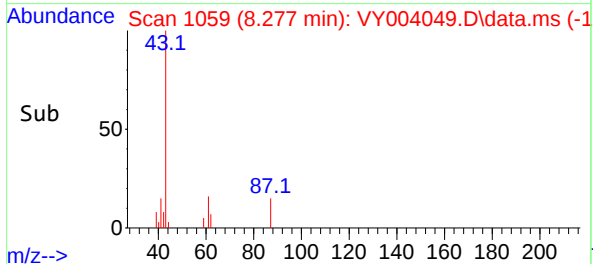
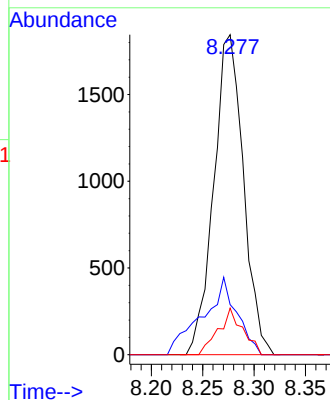
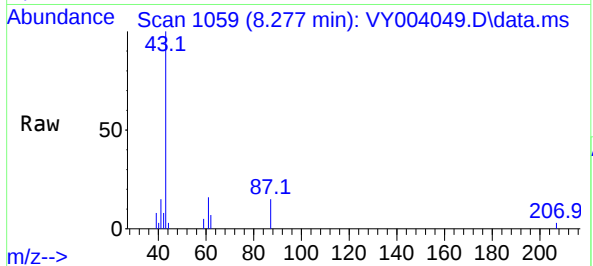
#43
Isopropyl Acetate
Concen: 3.73 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	43	Resp:	3700
Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.1	33.1
87	11.9	9.8	14.8

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

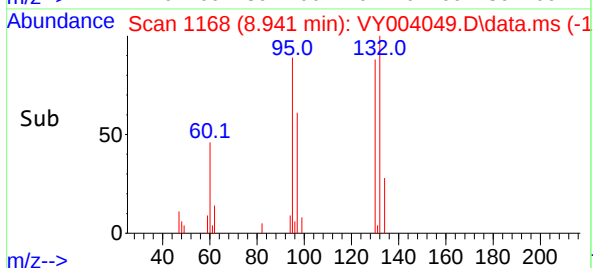
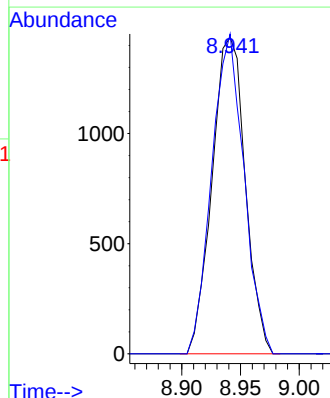
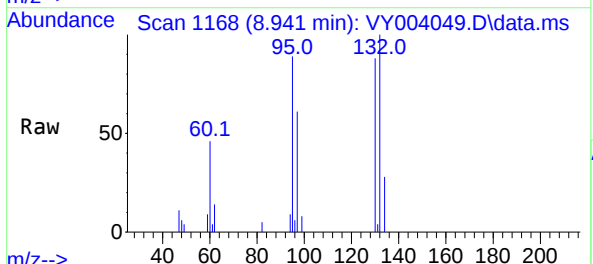
Manual Integrations
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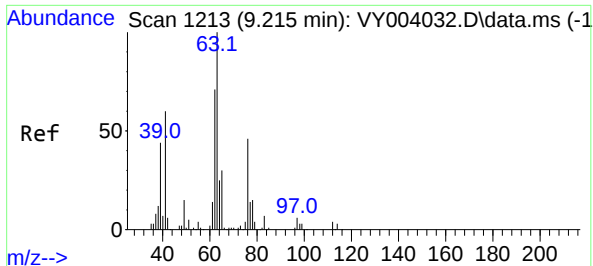
MMDadoda
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#44
Trichloroethene
Concen: 4.13 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	130	Resp:	2819
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	188.0





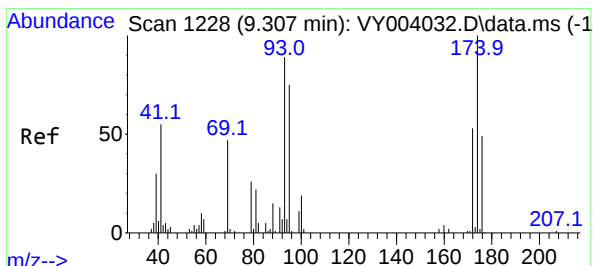
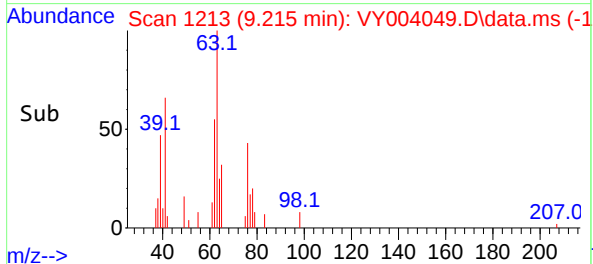
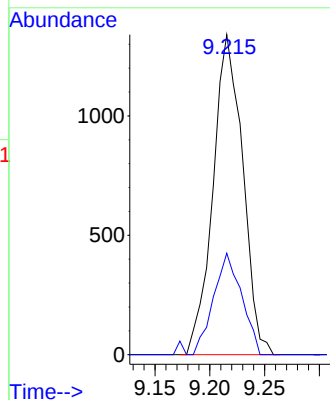
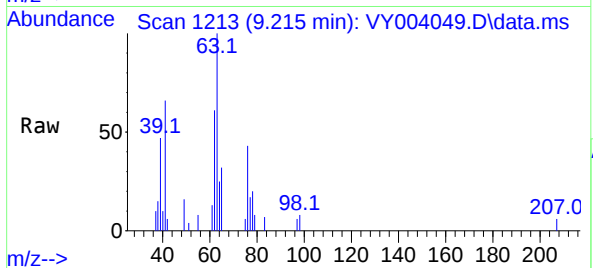
#45
1,2-Dichloropropane
Concen: 4.17 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 63 Resp: 2529
Ion Ratio Lower Upper
63 100
65 31.7 24.4 36.6

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

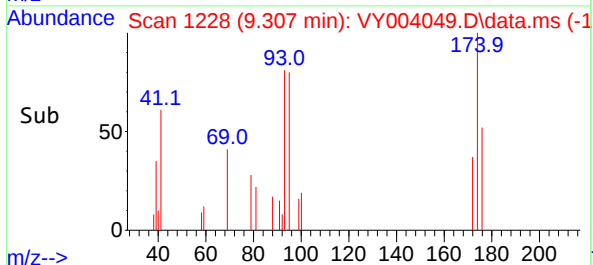
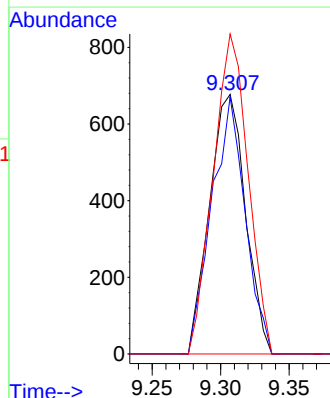
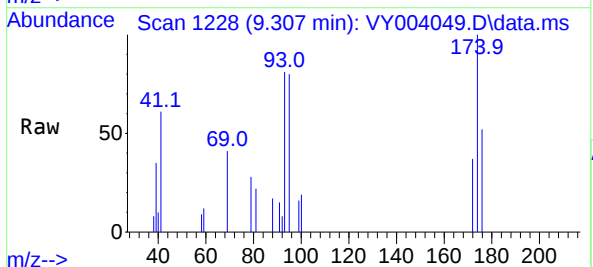
Manual Integrations
APPROVED

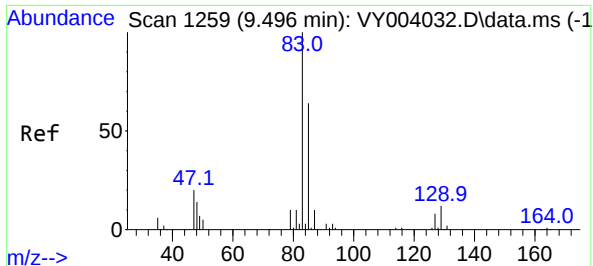
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#46
Dibromomethane
Concen: 3.66 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 93 Resp: 1240
Ion Ratio Lower Upper
93 100
95 91.5 66.3 99.5
174 119.4 88.1 132.1





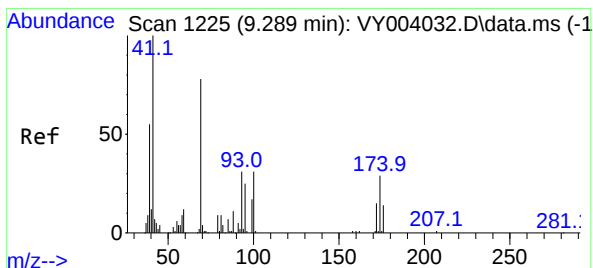
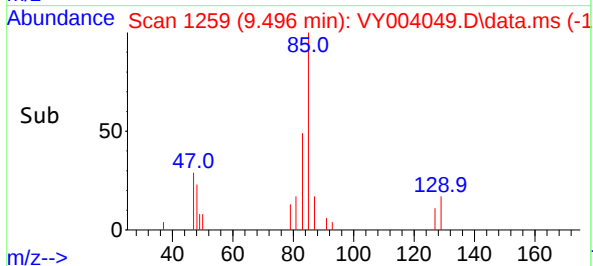
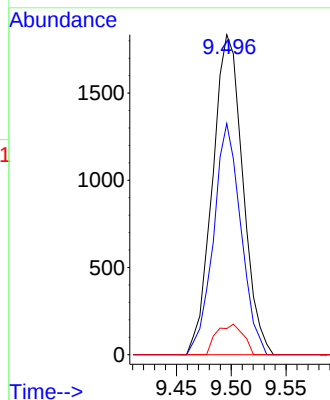
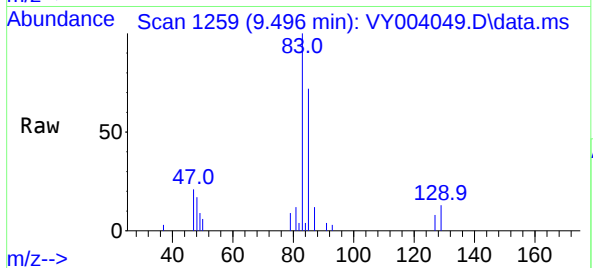
#47
Bromodichloromethane
Concen: 4.07 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 83	Resp: 3529
Ion Ratio	Lower Upper
83 100	
85 72.2	51.6 77.4
127 8.2	6.5 9.7

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

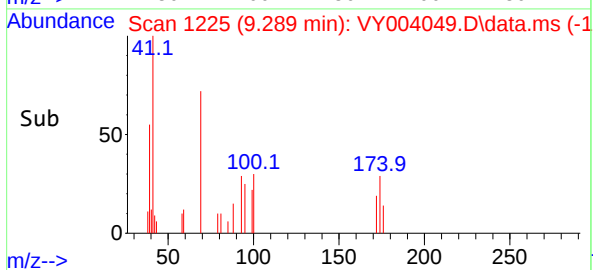
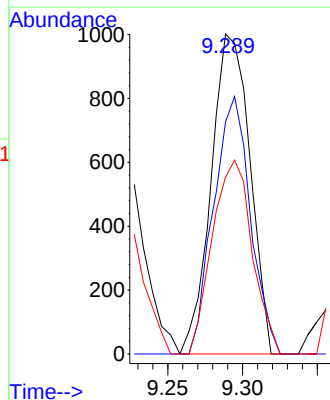
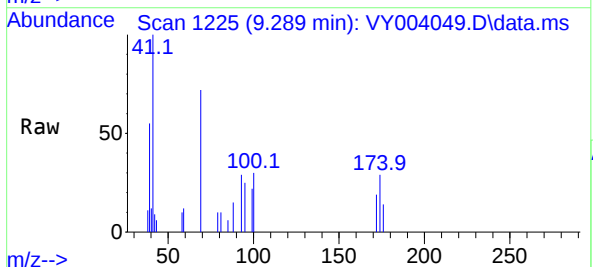
Manual Integrations
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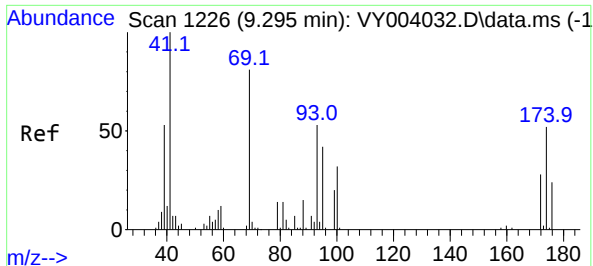
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#48
Methyl methacrylate
Concen: 3.71 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 41	Resp: 1802		
Ion Ratio	Lower	Upper	
41 100			
69 76.5	65.1	97.7	
39 62.3	44.2	66.2	





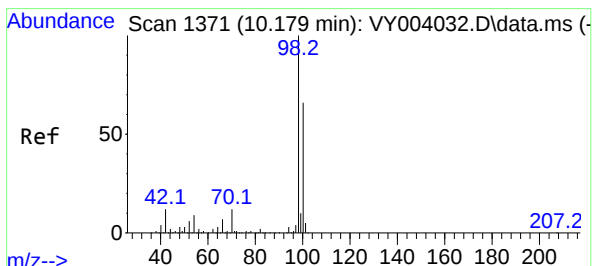
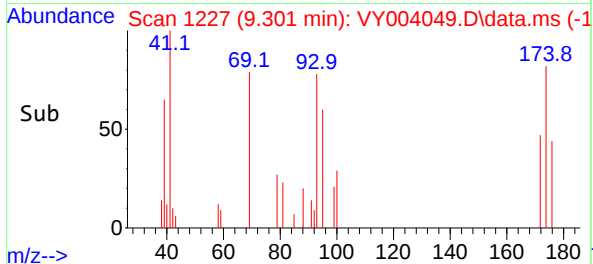
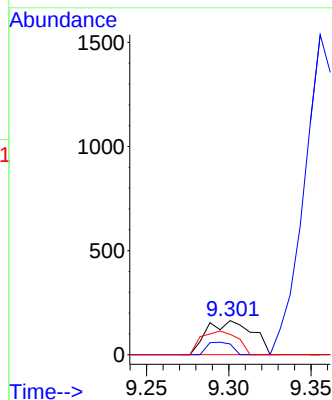
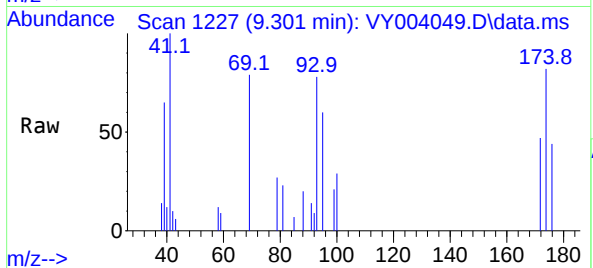
#49
1,4-Dioxane
Concen: 76.57 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 88 Resp: 313
Ion Ratio Lower Upper
88 100
43 0.0 32.0 48.0#
58 55.3 56.5 84.7#

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

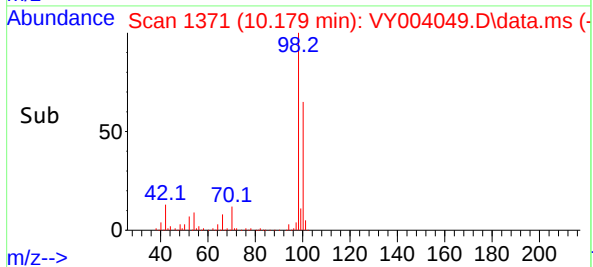
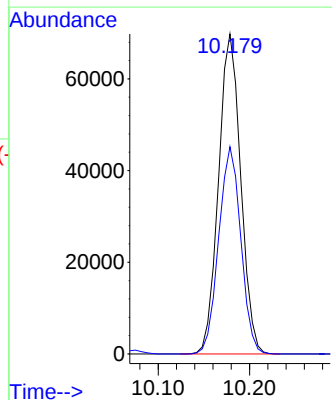
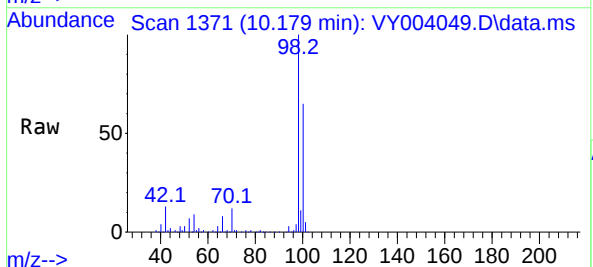
Manual Integrations
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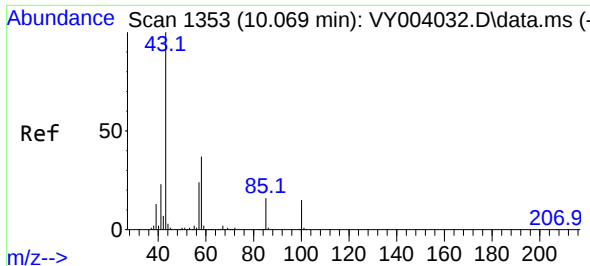
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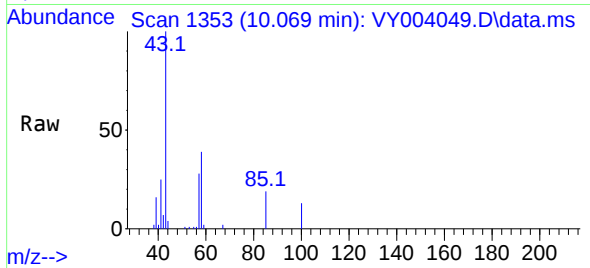
#50
Toluene-d8
Concen: 54.79 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 98 Resp: 117795
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

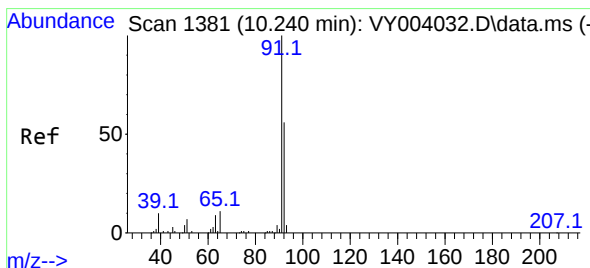
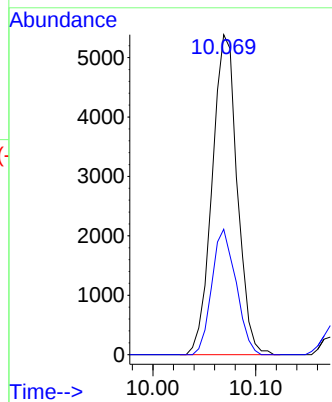
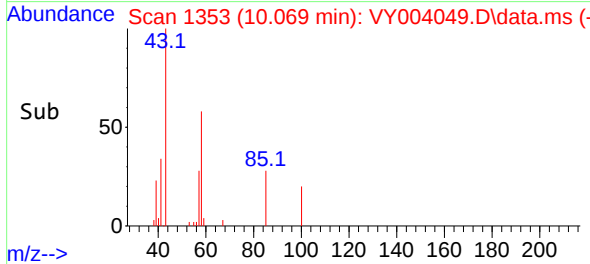




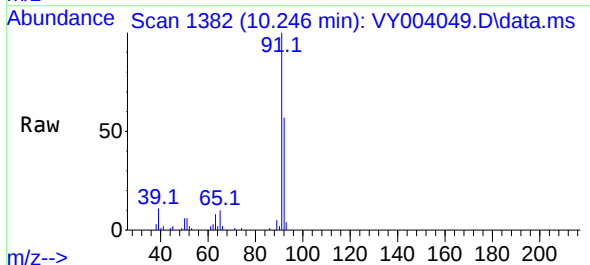
#51
4-Methyl-2-Pentanone
Concen: 17.78 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



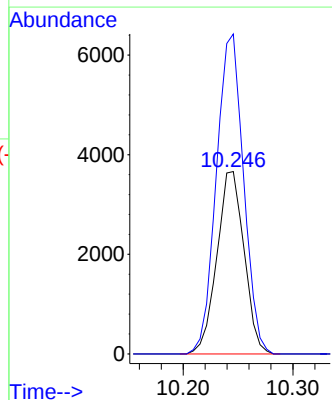
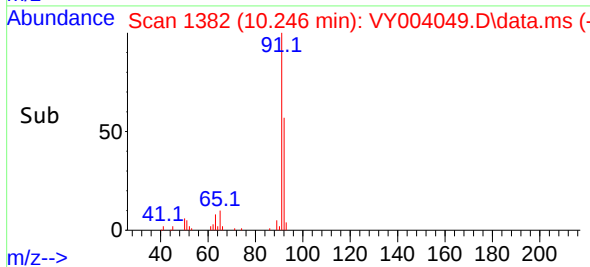
Tgt Ion: 43 Resp: 9112
Ion Ratio Lower Upper
43 100
58 37.9 29.8 44.8



#52
Toluene
Concen: 4.09 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



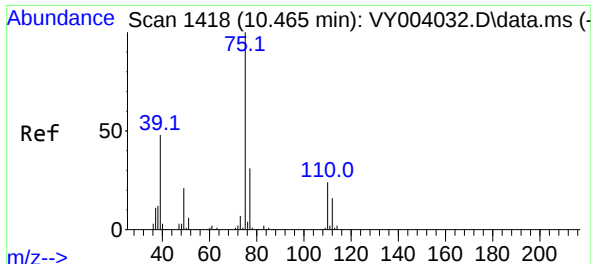
Tgt Ion: 92 Resp: 6320
Ion Ratio Lower Upper
92 100
91 175.4 141.0 211.4



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

Manual Integrations
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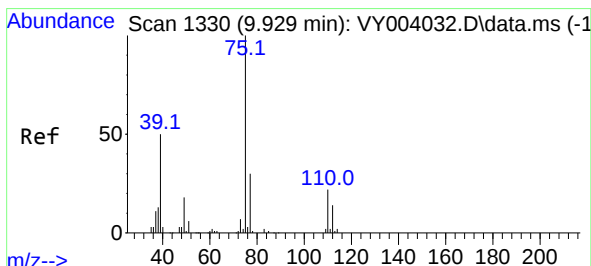
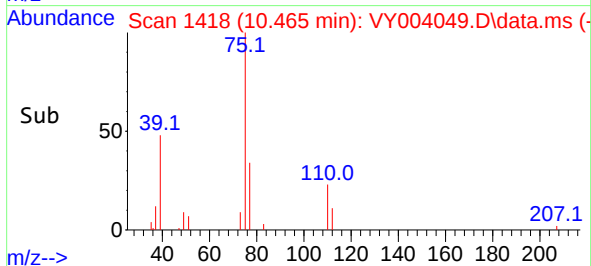
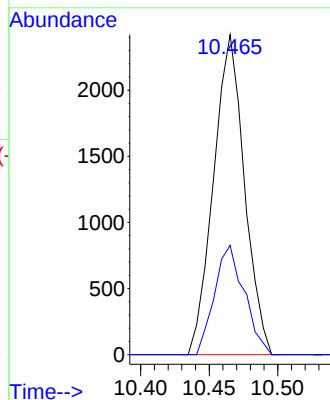
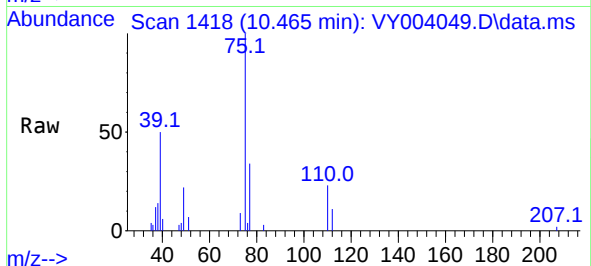
#53
t-1,3-Dichloropropene
Concen: 4.07 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 75 Resp: 3795
Ion Ratio Lower Upper
75 100
77 34.1 24.5 36.7

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

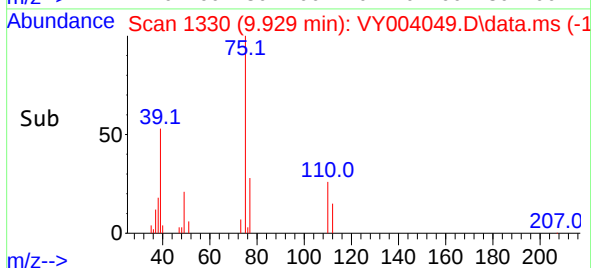
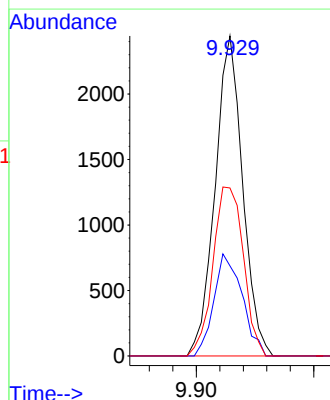
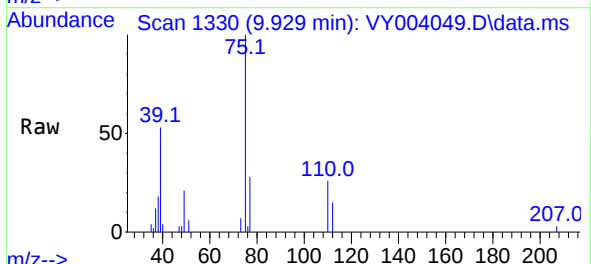
Manual Integrations
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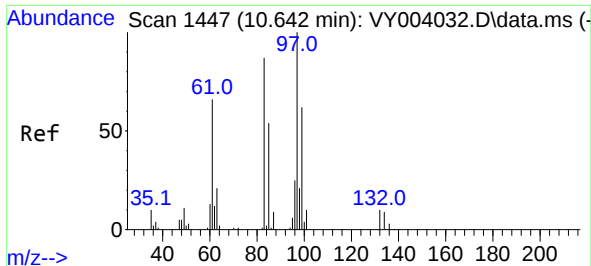
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#54
cis-1,3-Dichloropropene
Concen: 3.82 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

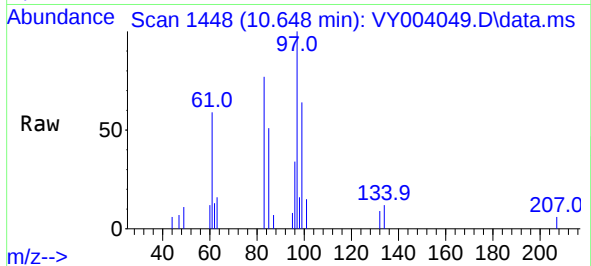
Tgt Ion: 75 Resp: 3985
Ion Ratio Lower Upper
75 100
77 28.2 24.2 36.4
39 52.5 40.4 60.6





#55
1,1,2-Trichloroethane
Concen: 4.02 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

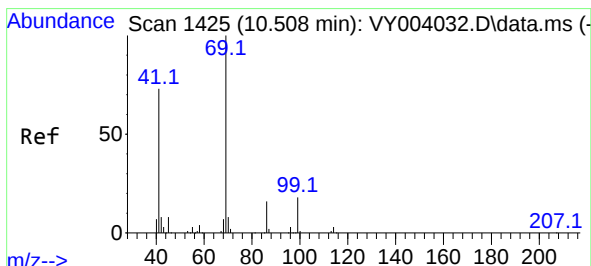
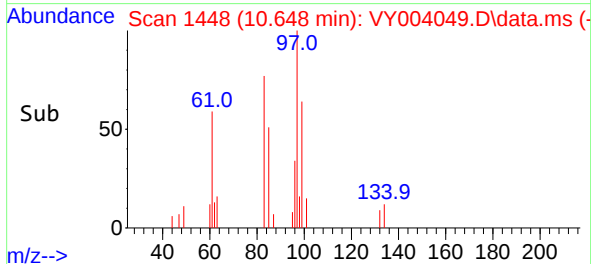
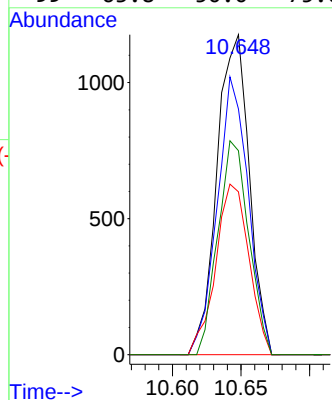
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



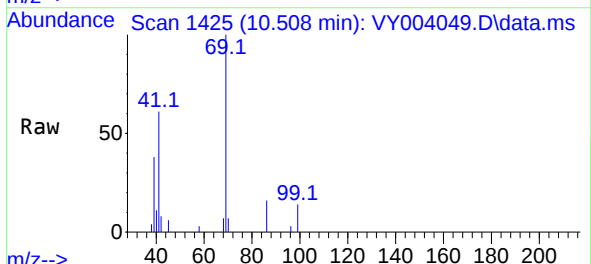
Tgt Ion:	97	Resp:	1931
Ion	Ratio	Lower	Upper
97	100		
83	76.8	69.4	104.0
85	50.9	43.4	65.0
99	63.8	50.0	75.0

Manual Integrations
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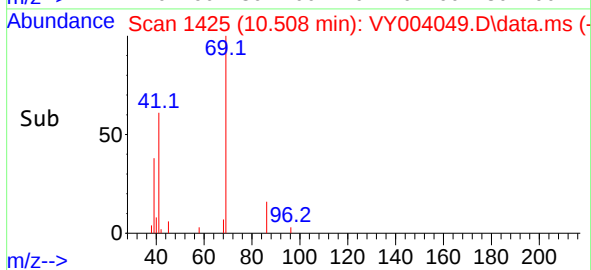
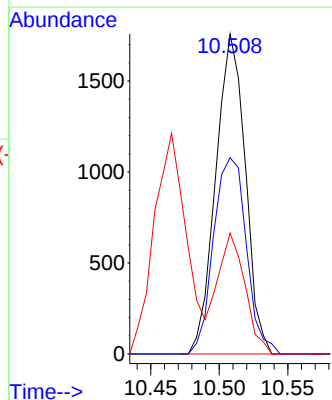
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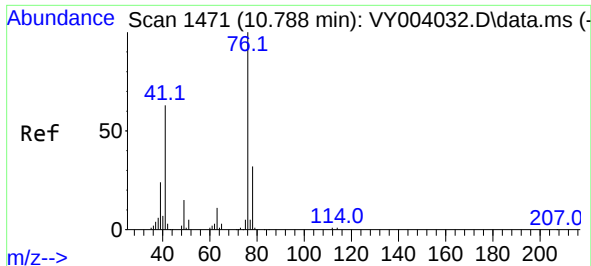


#56
Ethyl methacrylate
Concen: 3.85 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

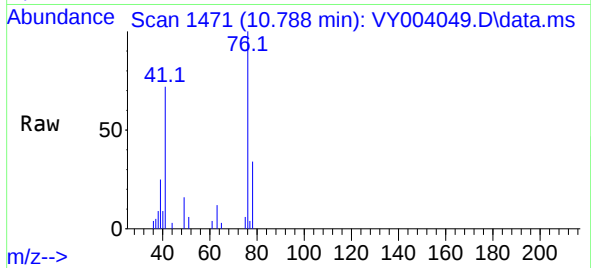


Tgt Ion:	69	Resp:	2639
Ion	Ratio	Lower	Upper
69	100		
41	68.1	57.2	85.8
39	35.2	27.8	41.6

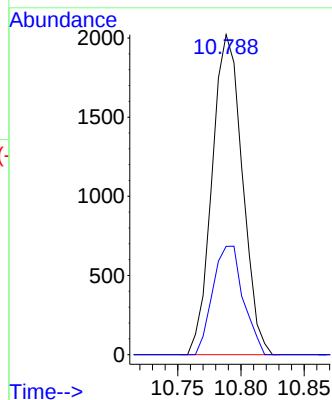




#57
1,3-Dichloropropane
Concen: 3.96 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



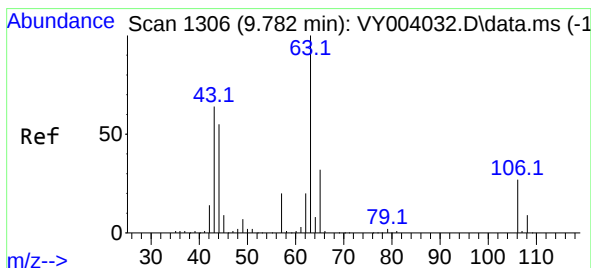
Tgt Ion: 76 Resp: 3367
Ion Ratio Lower Upper
76 100
78 34.1 25.5 38.3



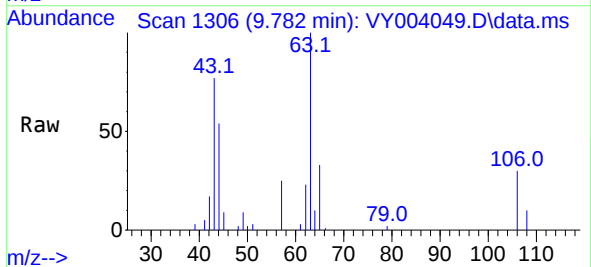
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
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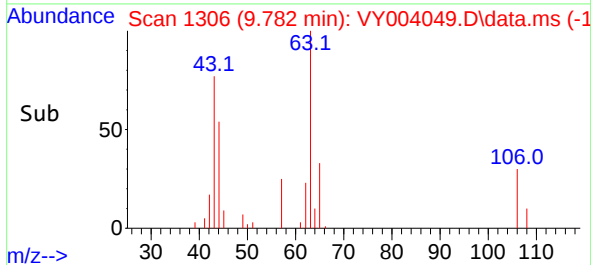
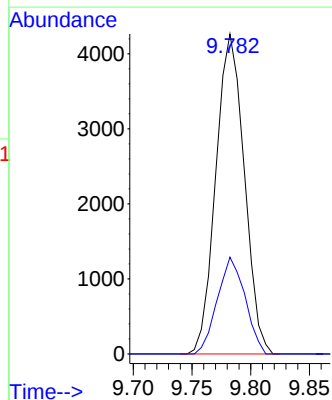
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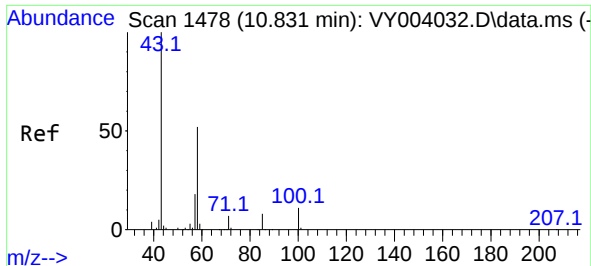


#58
2-Chloroethyl Vinyl ether
Concen: 23.06 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



Tgt Ion: 63 Resp: 7176
Ion Ratio Lower Upper
63 100
106 29.5 22.1 33.1





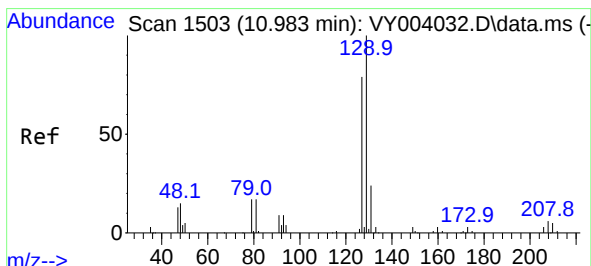
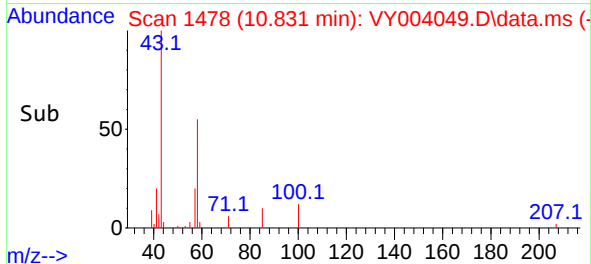
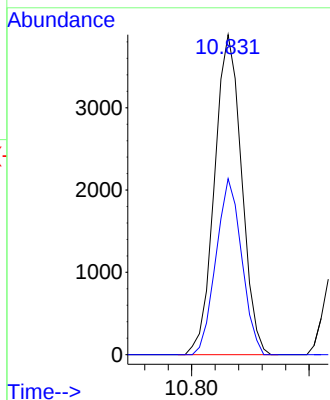
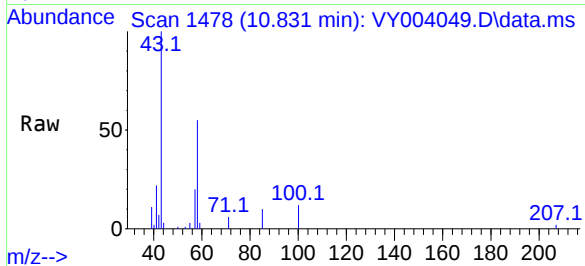
#59
2-Hexanone
Concen: 17.22 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 43 Resp: 6219
Ion Ratio Lower Upper
43 100
58 52.2 26.5 79.4

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

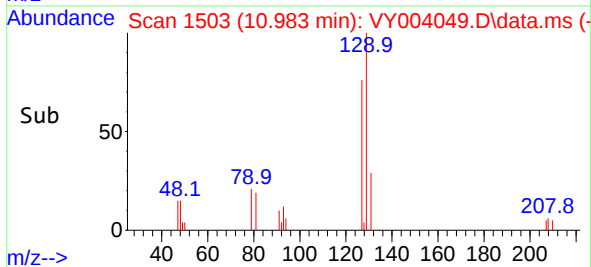
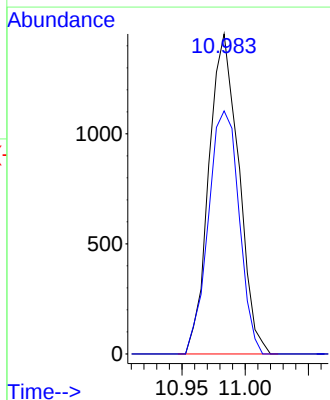
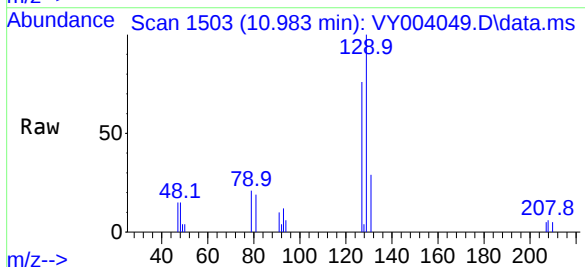
Manual Integrations
APPROVED

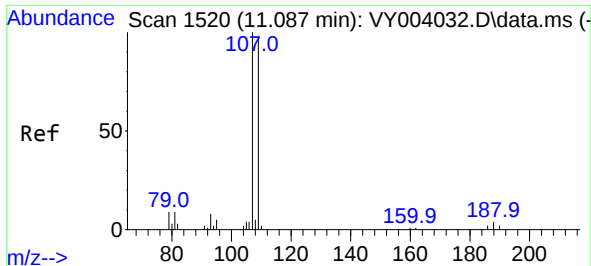
MMDadoda
2/25/2021 12:17:53 PM



#60
Dibromochloromethane
Concen: 3.93 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 129 Resp: 2385
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





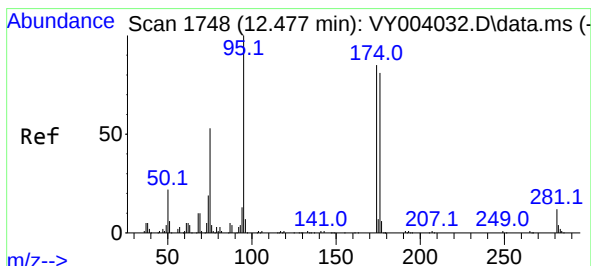
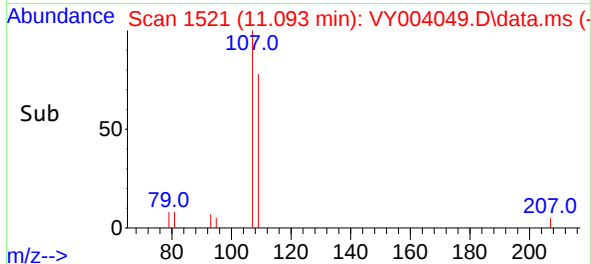
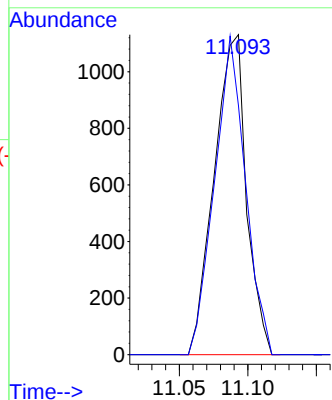
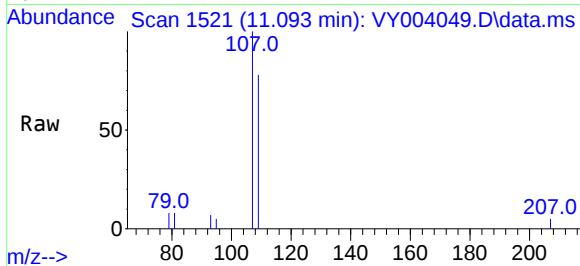
#61
1,2-Dibromoethane
Concen: 3.93 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 107 Resp: 1852
Ion Ratio Lower Upper
107 100
109 95.3 76.7 115.1

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

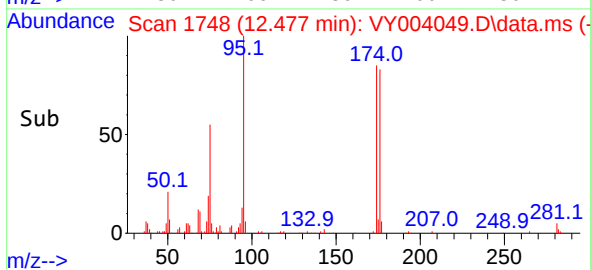
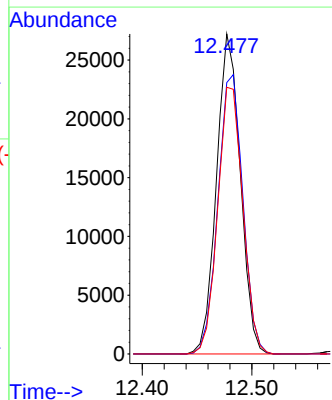
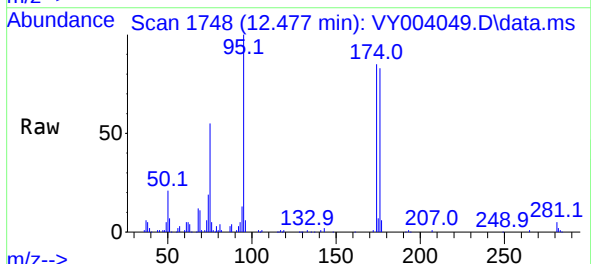
Manual Integrations
APPROVED

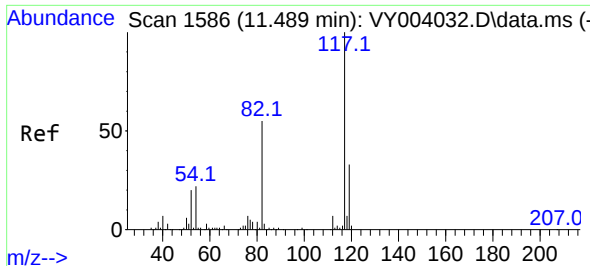
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 54.07 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

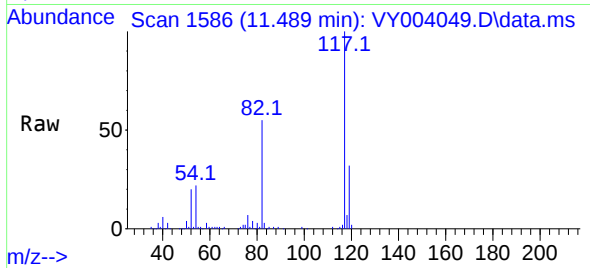
Tgt Ion: 95 Resp: 41063
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.0
176 87.9 0.0 174.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

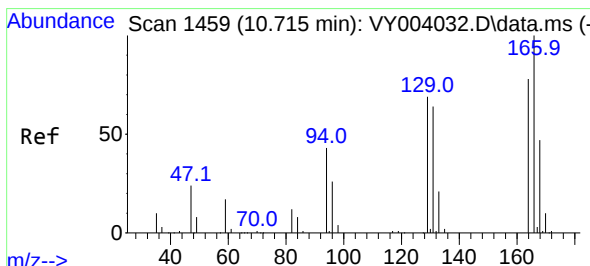
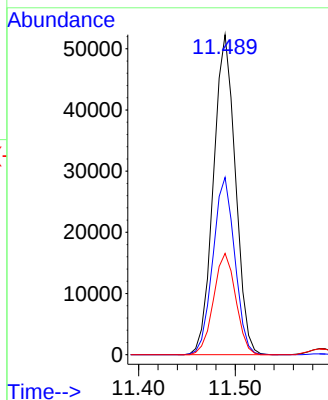
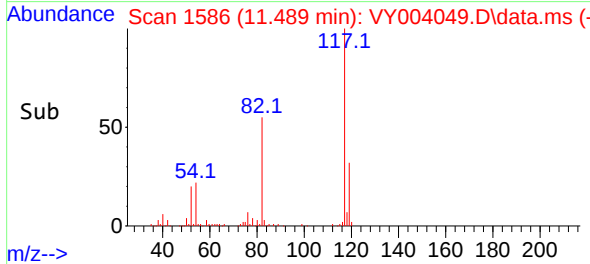
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



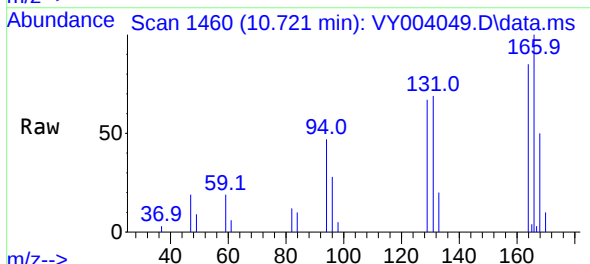
Tgt Ion:117 Resp: 82516
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.6
119 31.7 26.2 39.2

Manual Integrations
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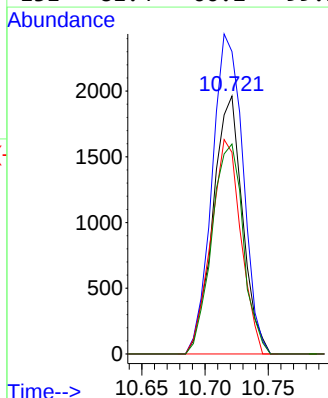
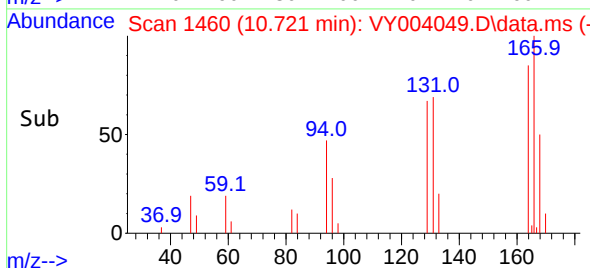
MMDadoda
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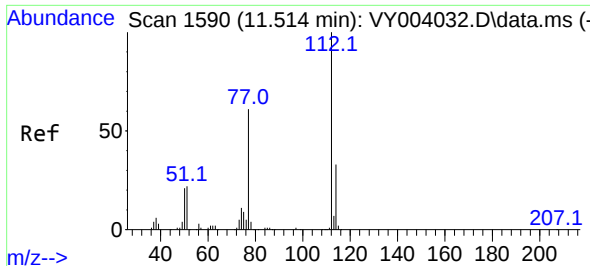


#64
Tetrachloroethene
Concen: 4.20 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



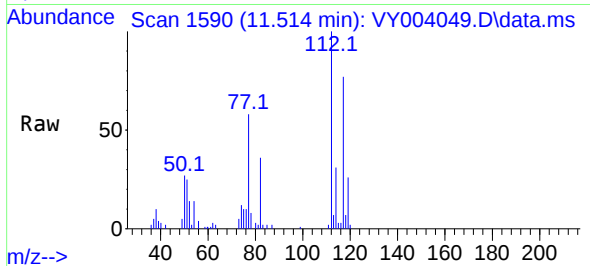
Tgt Ion:164 Resp: 3196
Ion Ratio Lower Upper
164 100
166 117.2 102.7 154.1
129 78.1 70.6 105.8
131 81.4 66.2 99.2



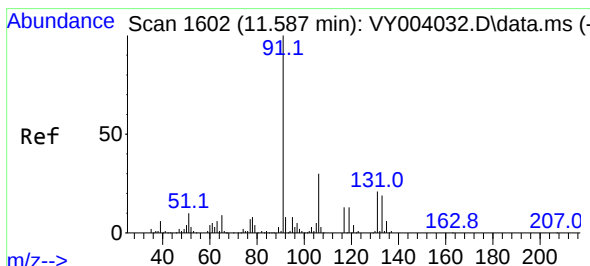
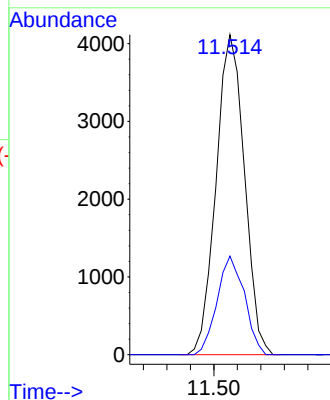
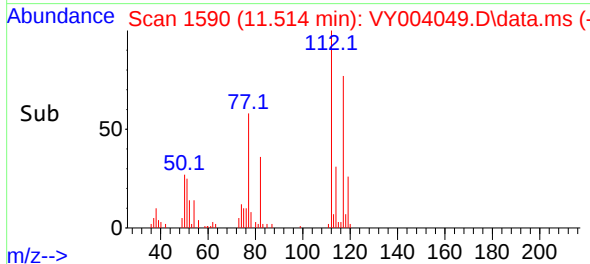


#65
Chlorobenzene
Concen: 4.15 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

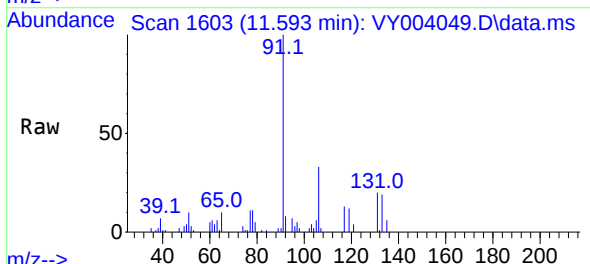
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



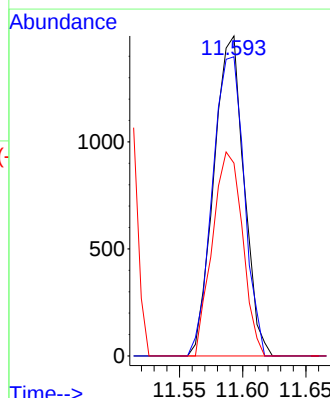
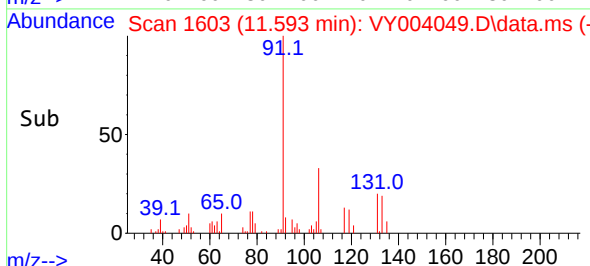
Tgt Ion:112 Resp: 6902
Ion Ratio Lower Upper
112 100
114 30.8 26.5 39.7

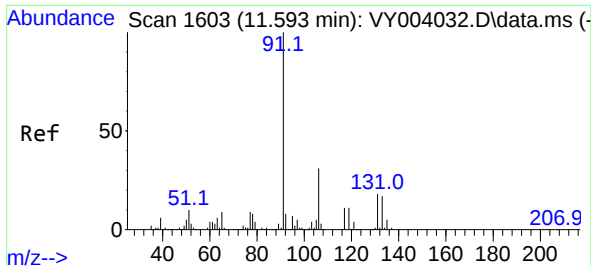


#66
1,1,1,2-Tetrachloroethane
Concen: 3.91 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



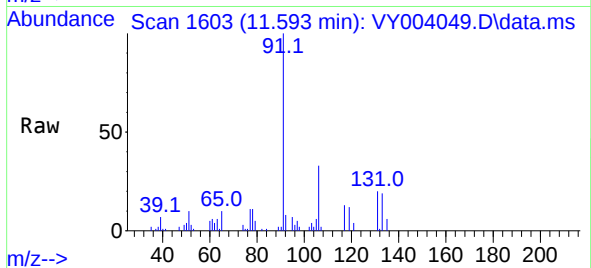
Tgt Ion:131 Resp: 2481
Ion Ratio Lower Upper
131 100
133 97.9 48.1 144.3
119 63.6 31.5 94.5





#67
Ethyl Benzene
Concen: 3.87 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

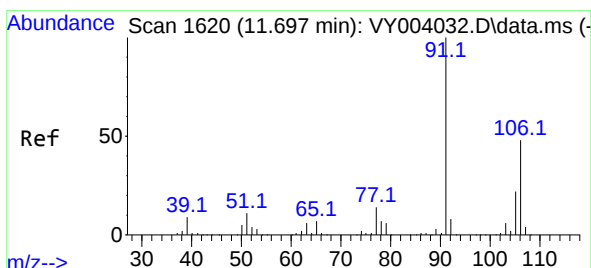
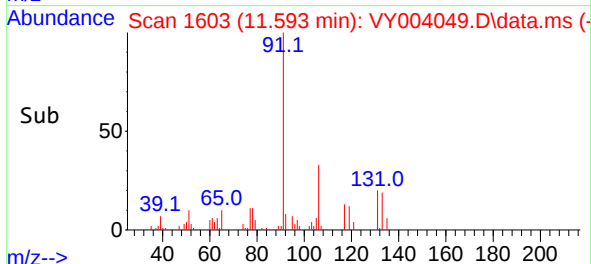
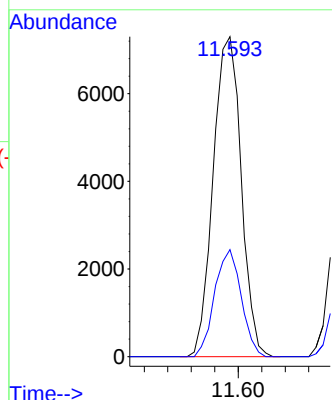
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 91 Resp: 12079
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7

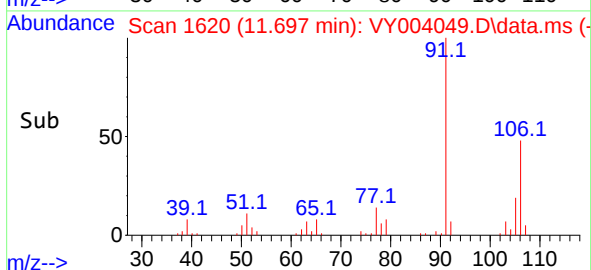
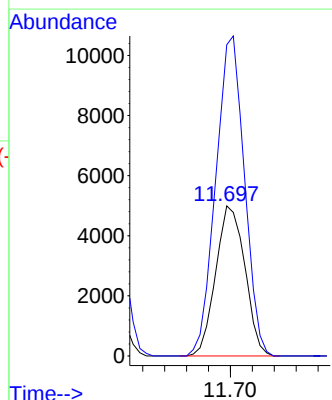
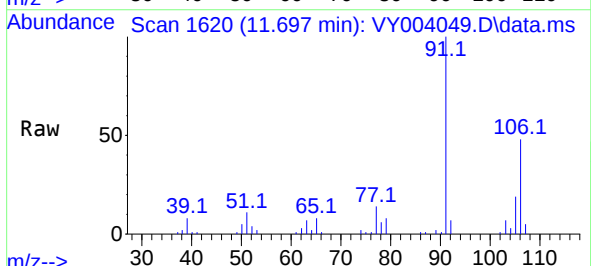
Manual Integrations
APPROVED

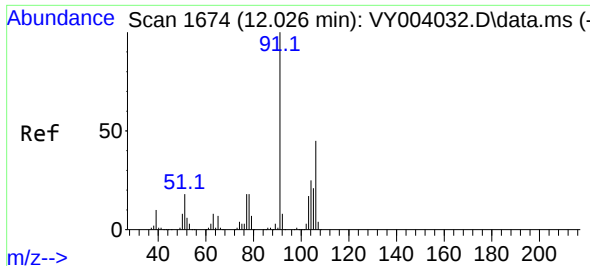
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#68
m/p-Xylenes
Concen: 8.03 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 106 Resp: 9234
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.0





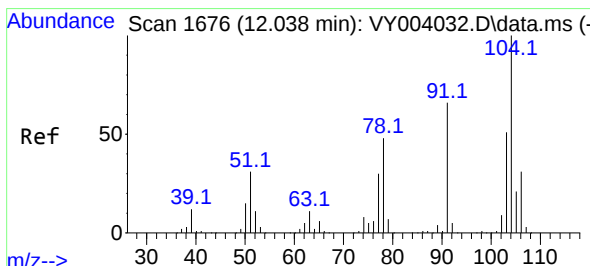
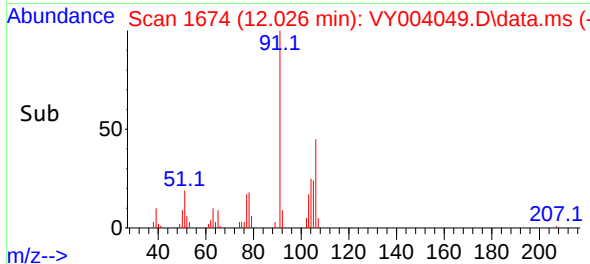
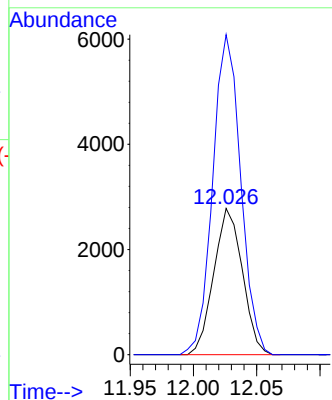
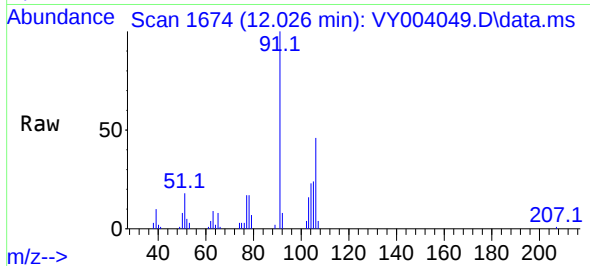
#69
o-Xylene
Concen: 4.05 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:106 Resp: 4377
Ion Ratio Lower Upper
106 100
91 213.9 108.9 326.7

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

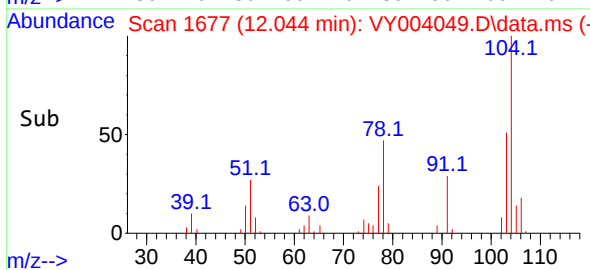
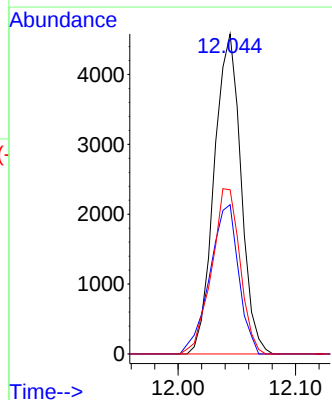
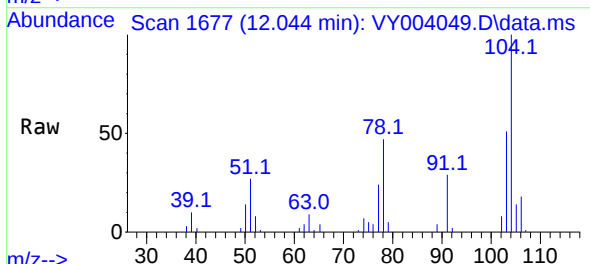
Manual Integrations
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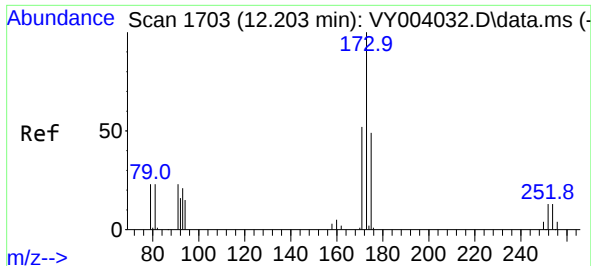
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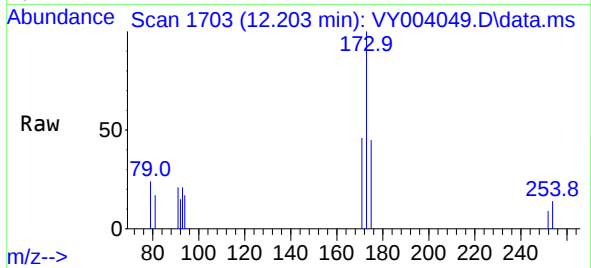
#70
Styrene
Concen: 3.90 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:104 Resp: 7240
Ion Ratio Lower Upper
104 100
78 50.2 41.1 61.7
103 54.7 43.9 65.9

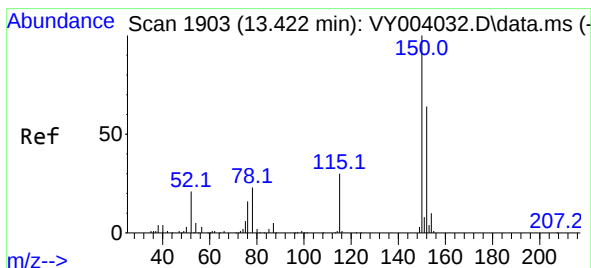
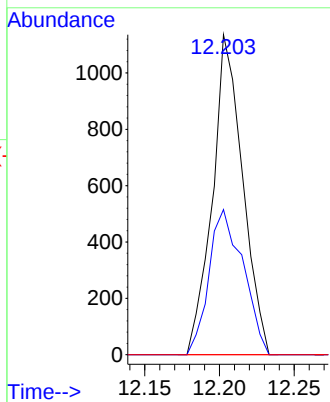
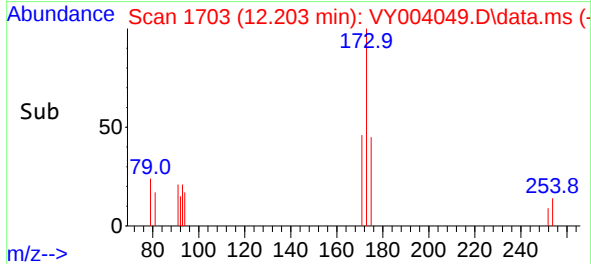




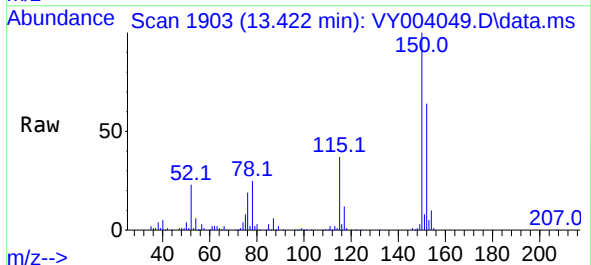
#71
Bromoform
Concen: 3.93 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



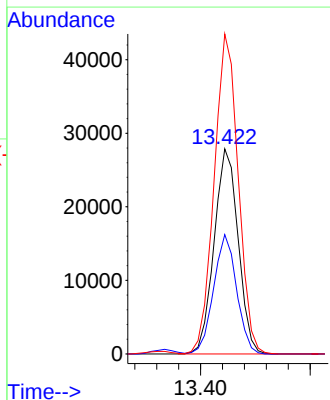
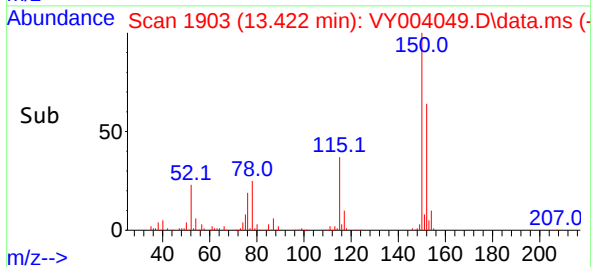
Tgt Ion:173 Resp: 1595
Ion Ratio Lower Upper
173 100
175 51.2 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



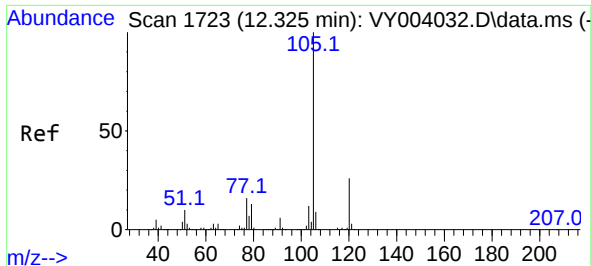
Tgt Ion:152 Resp: 42395
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.6
150 156.4 0.0 347.2



Instrument :
MSVOA_Y
ClientSampleId :
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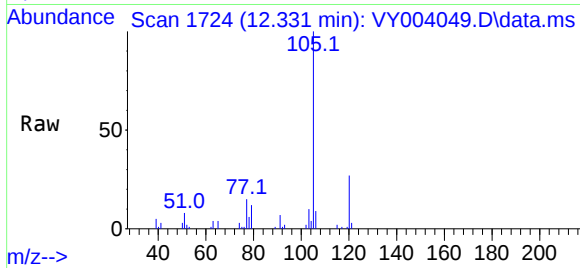
Manual Integrations
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#73
Isopropylbenzene
Concen: 3.95 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

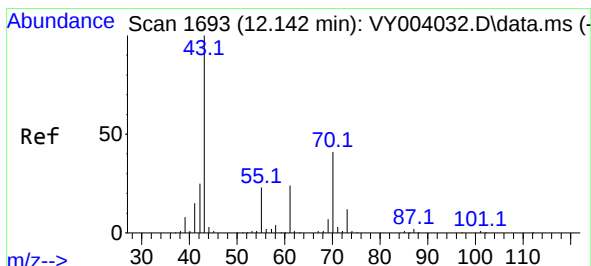
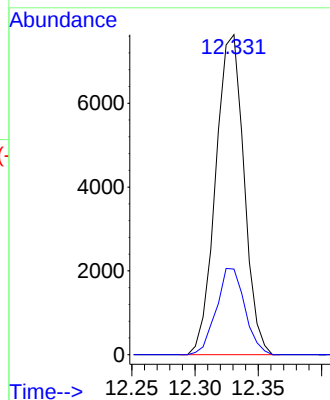
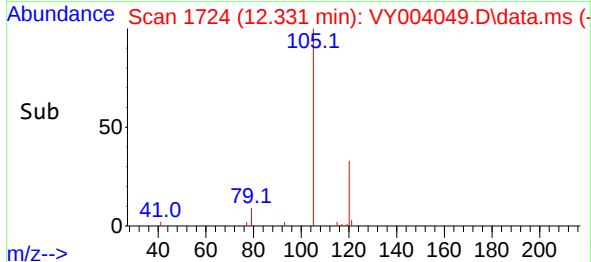
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



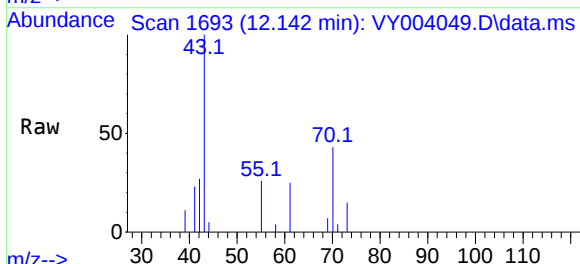
Tgt Ion:105 Resp: 11886
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

Manual Integrations
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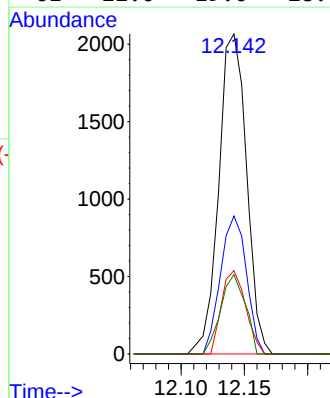
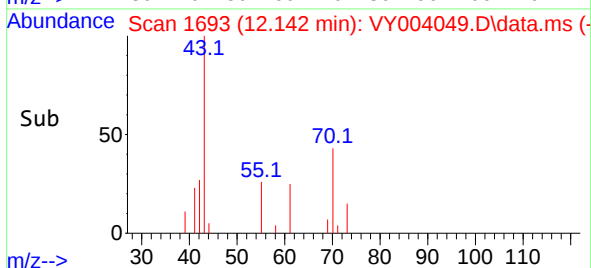
MMDadoda
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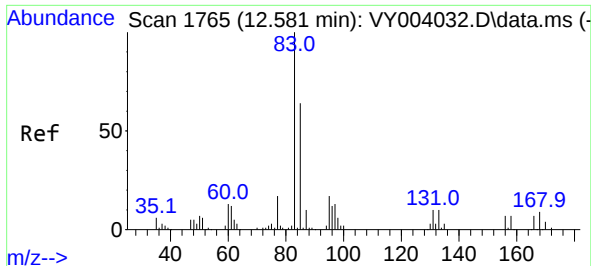


#74
N-ethyl acetate
Concen: 3.47 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
70 40.3 32.3 48.5
55 22.6 18.4 27.6
61 22.0 19.0 28.4





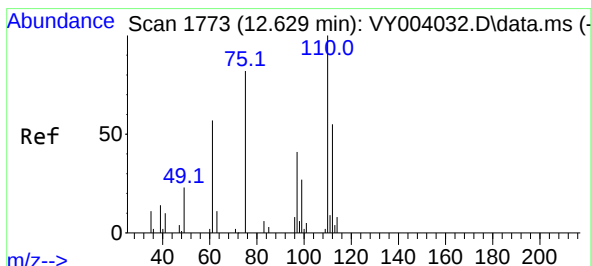
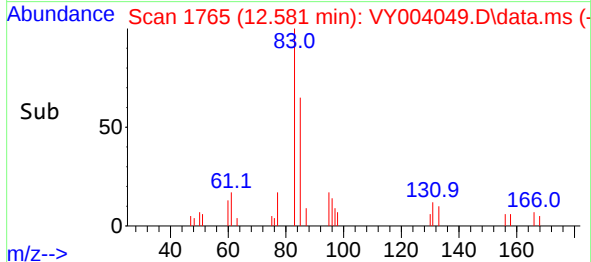
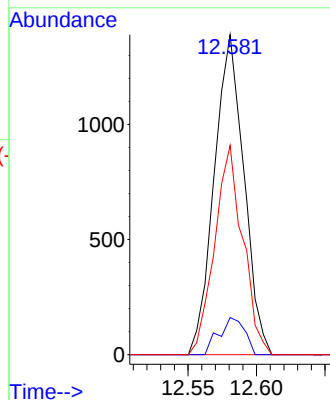
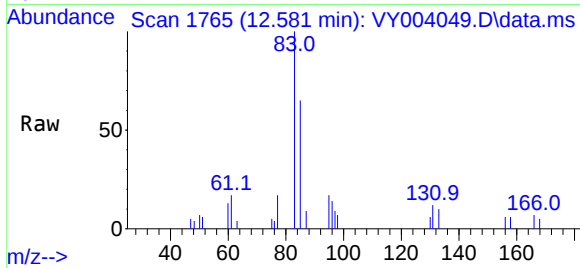
#75
1,1,2,2-Tetrachloroethane
Concen: 3.82 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 83 Resp: 2095
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.4
85 61.9 31.6 95.0

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

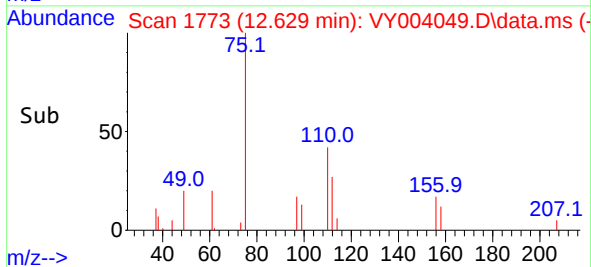
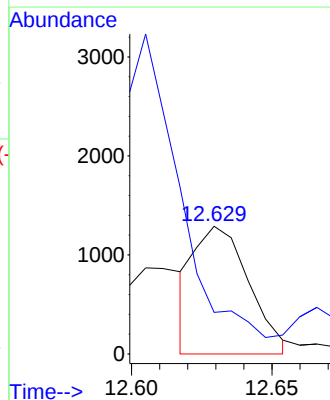
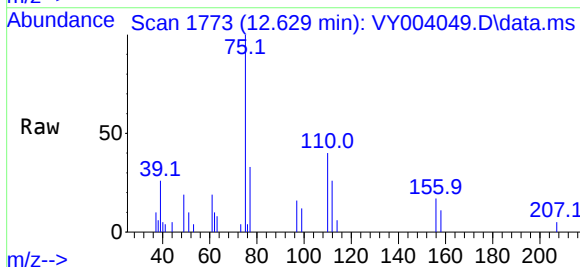
Manual Integrations
APPROVED

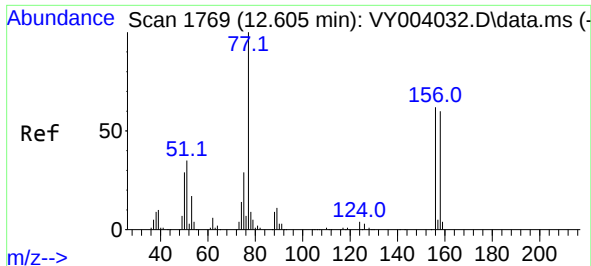
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 4.10 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion: 75 Resp: 1744
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





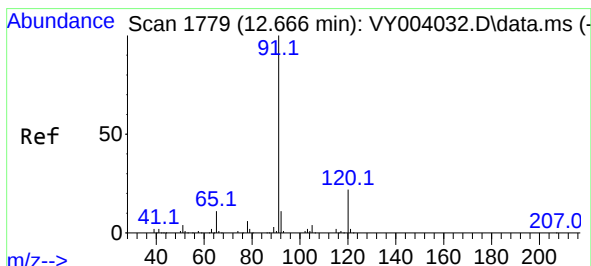
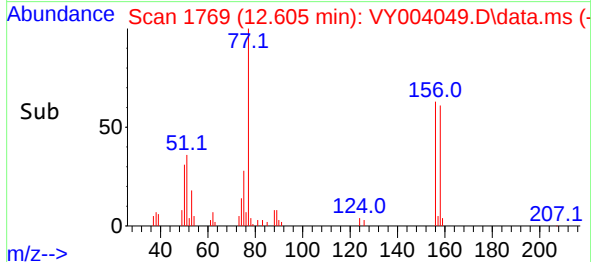
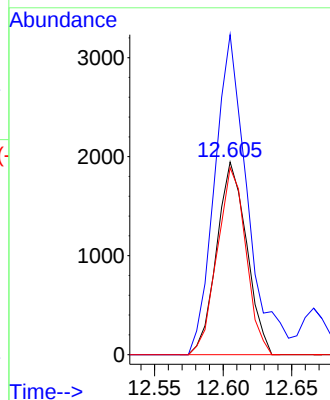
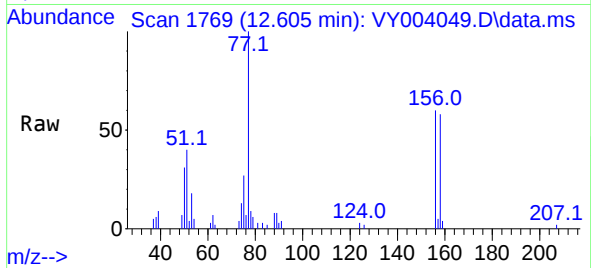
#77
Bromobenzene
Concen: 4.01 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	156	Resp:	2968
Ion Ratio	Lower	Upper	
156	100		
77	181.5	90.5	271.3
158	92.8	48.9	146.6

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

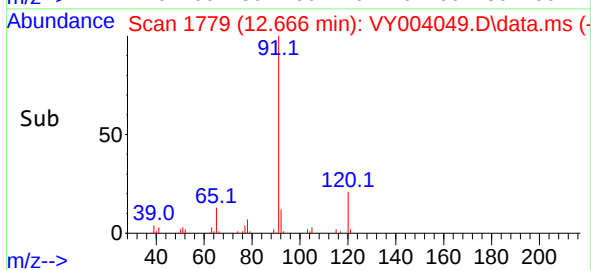
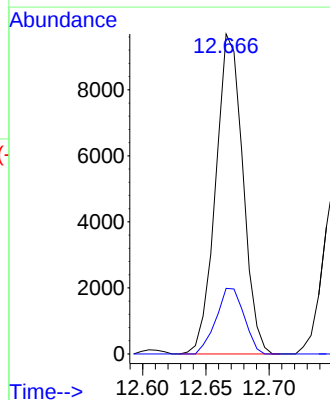
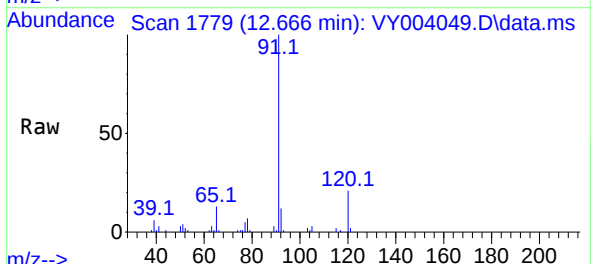
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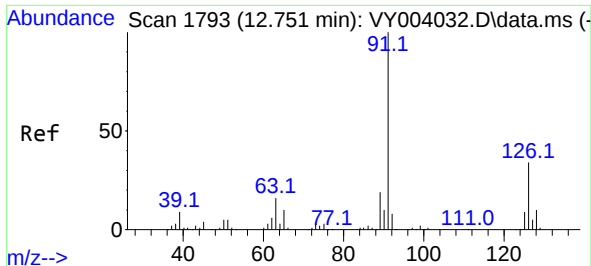
MMDadoda
2/25/2021 12:17:53 PM



#78
n-propylbenzene
Concen: 4.01 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

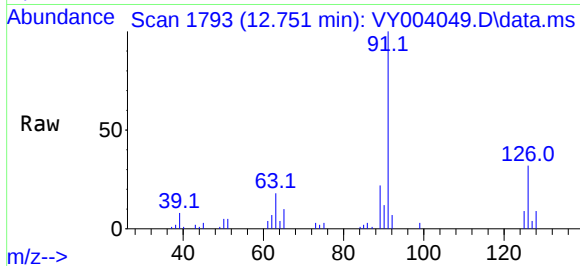
Tgt Ion:	91	Resp:	14454
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.3	33.9





#79
2-Chlorotoluene
Concen: 4.01 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

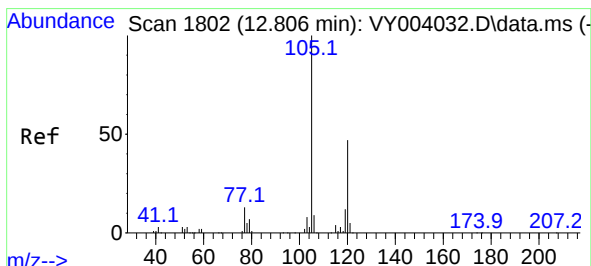
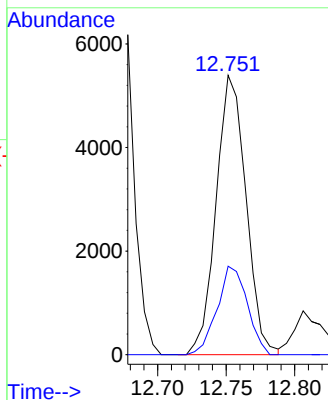
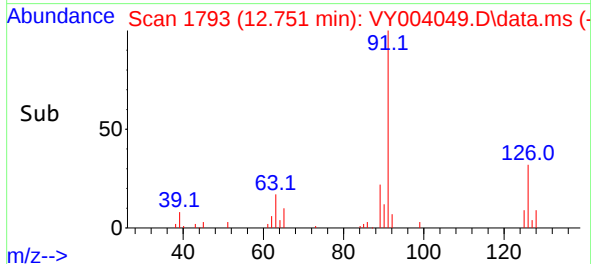
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



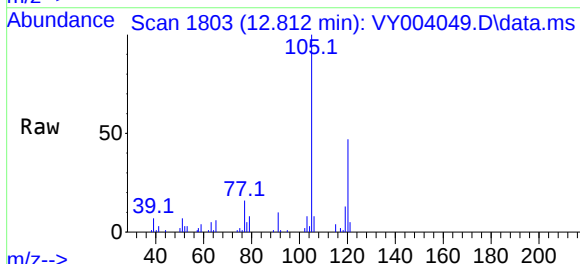
Tgt Ion: 91 Resp: 8191
Ion Ratio Lower Upper
91 100
126 31.9 17.0 51.0

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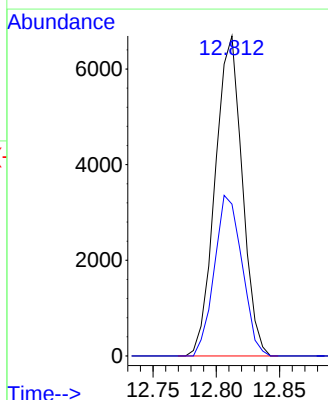
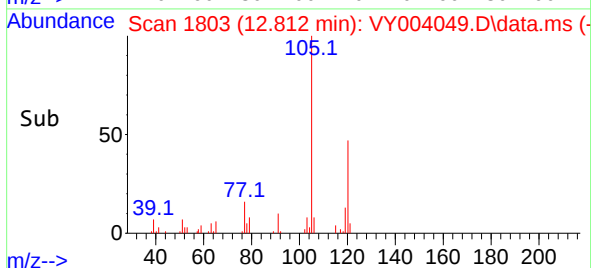
MMDadoda
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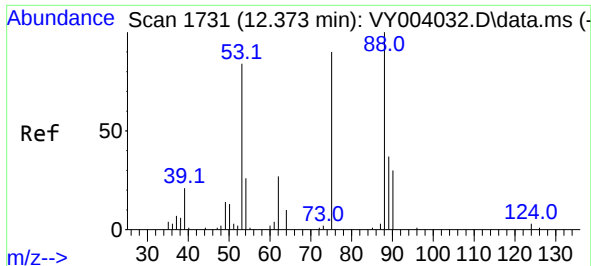


#80
1,3,5-Trimethylbenzene
Concen: 3.88 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

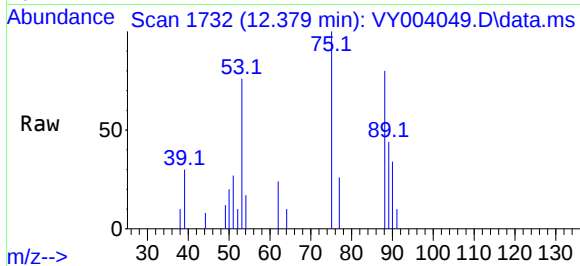


Tgt Ion: 105 Resp: 9954
Ion Ratio Lower Upper
105 100
120 51.3 24.1 72.2

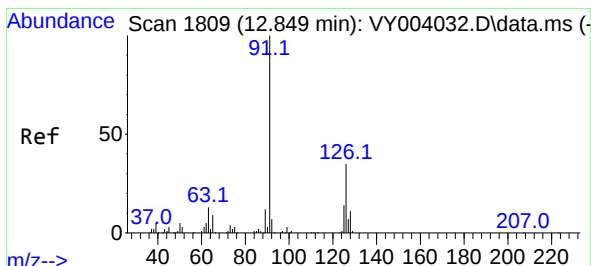
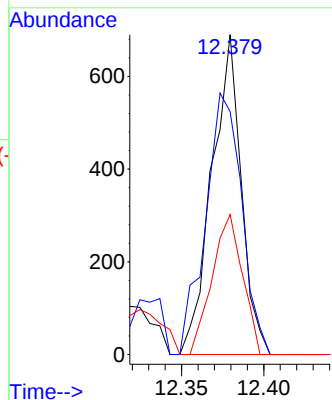
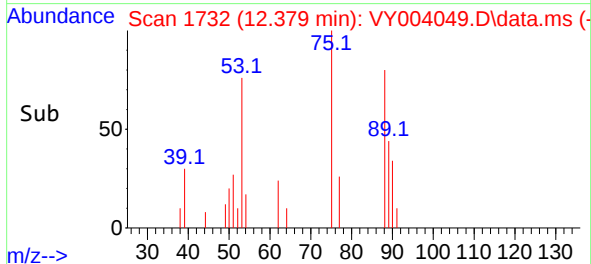




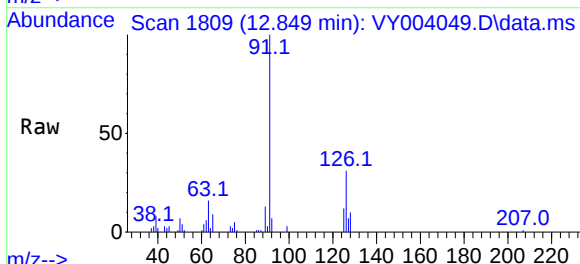
#81
trans-1,4-Dichloro-2-butene
Concen: 3.75 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



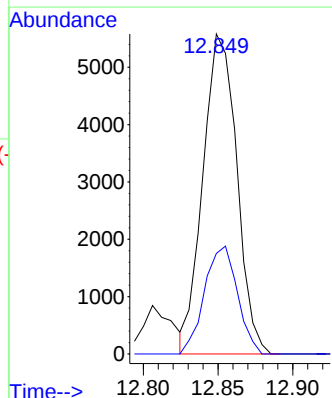
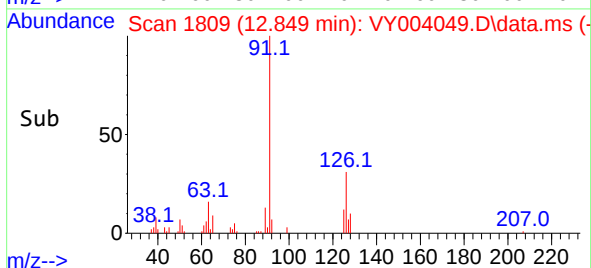
Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
53 100.2 73.5 110.3
89 45.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 4.09 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



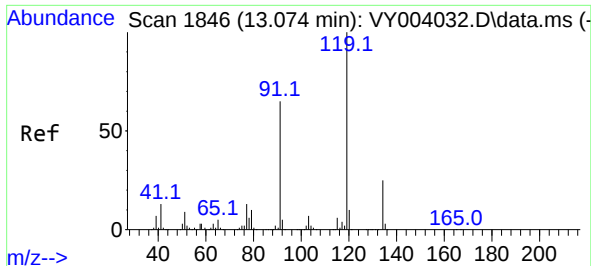
Tgt Ion: 91 Resp: 8782
Ion Ratio Lower Upper
91 100
126 32.8 16.8 50.4



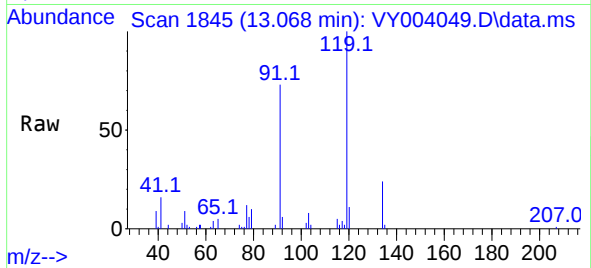
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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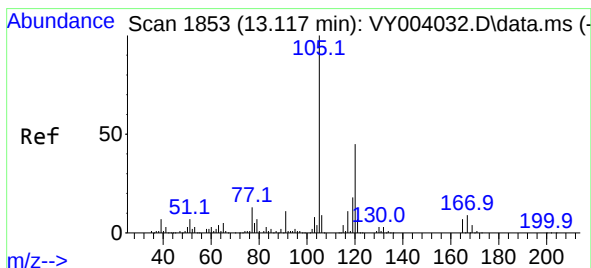
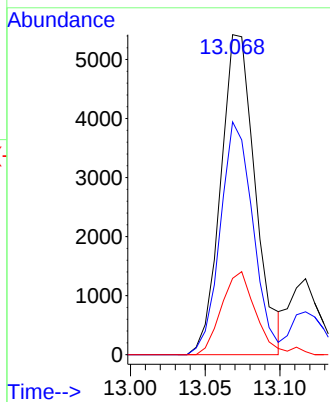
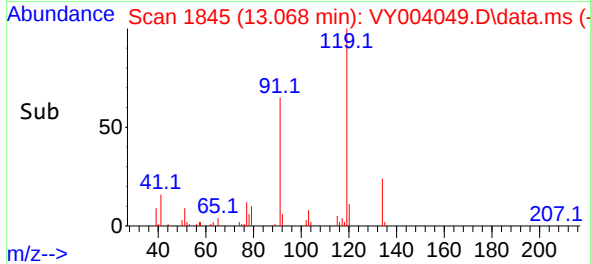
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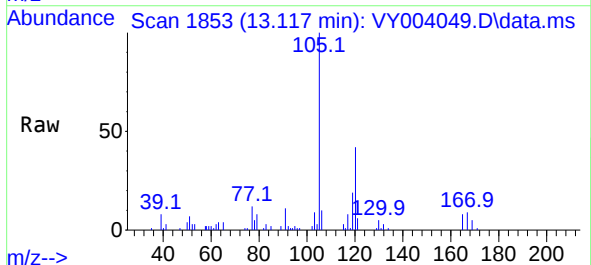
#83
tert-Butylbenzene
Concen: 3.96 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



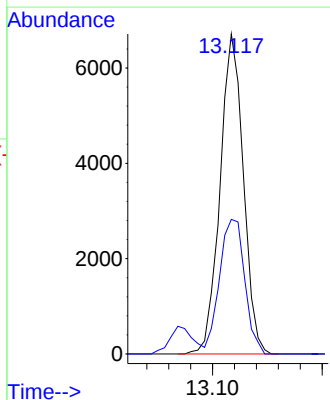
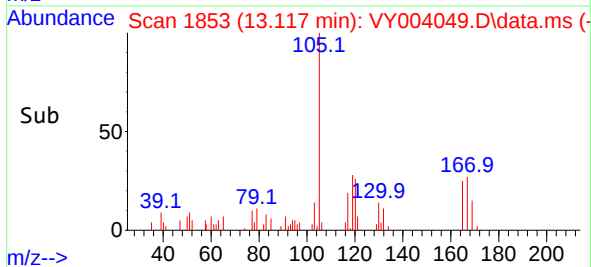
Tgt Ion:119 Resp: 8716
Ion Ratio Lower Upper
119 100
91 68.9 33.0 99.0
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 3.85 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



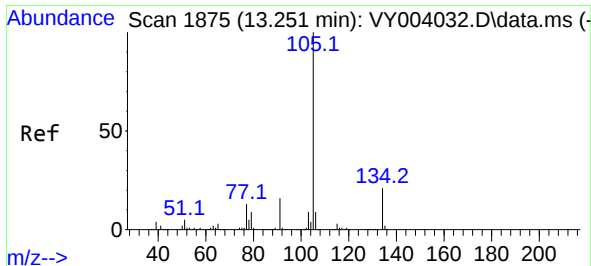
Tgt Ion:105 Resp: 9909
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.3



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

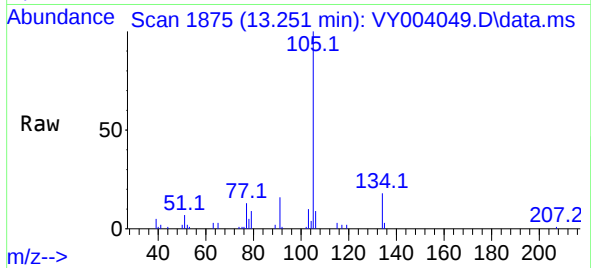
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#85
sec-Butylbenzene
Concen: 3.96 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

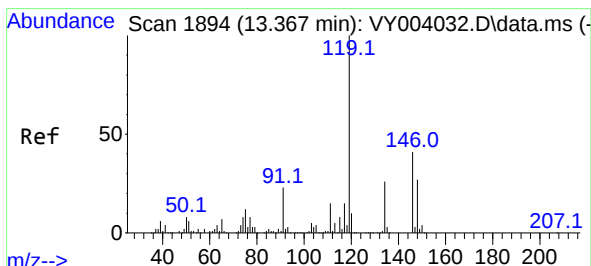
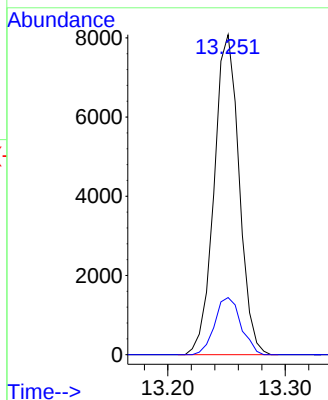
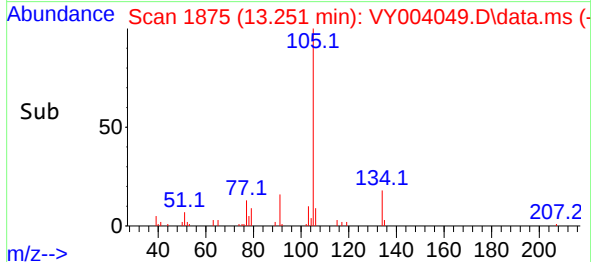
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



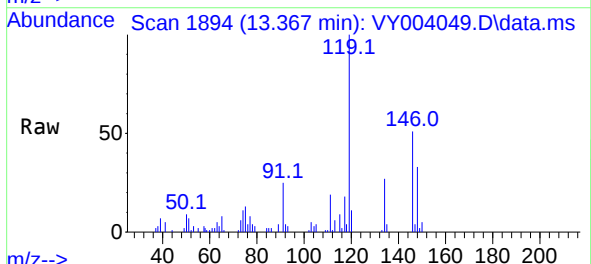
Tgt Ion:105 Resp: 11939
Ion Ratio Lower Upper
105 100
134 18.7 10.2 30.4

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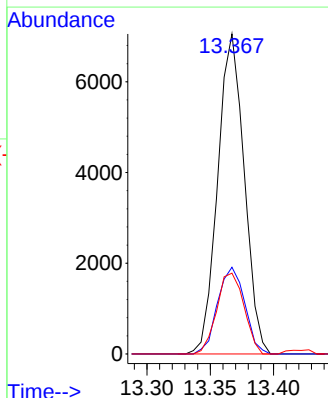
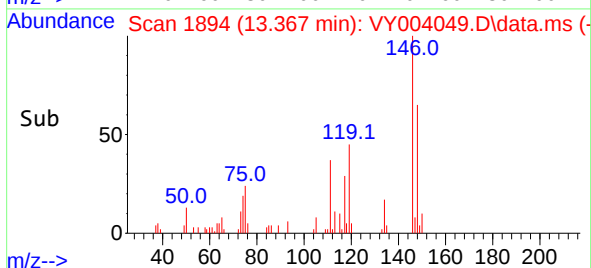
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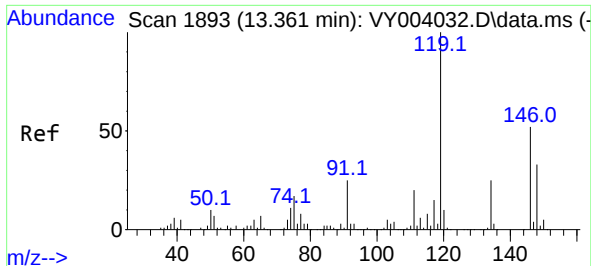


#86
p-Isopropyltoluene
Concen: 3.66 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



Tgt Ion:119 Resp: 10277
Ion Ratio Lower Upper
119 100
134 27.8 13.2 39.5
91 26.0 12.1 36.3





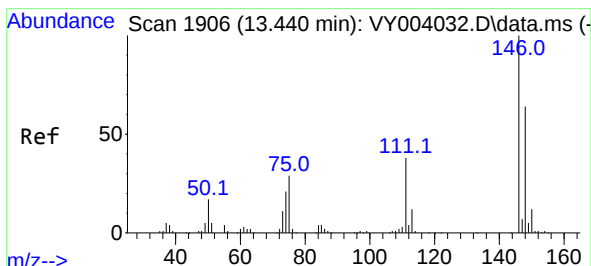
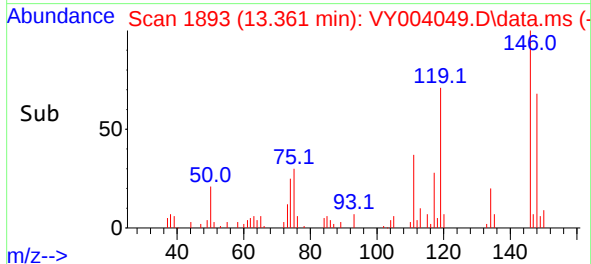
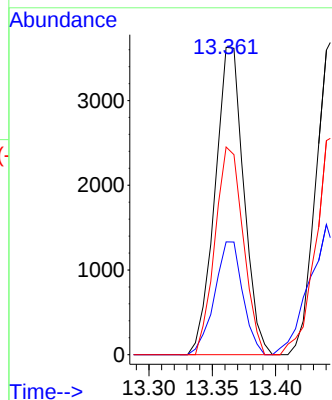
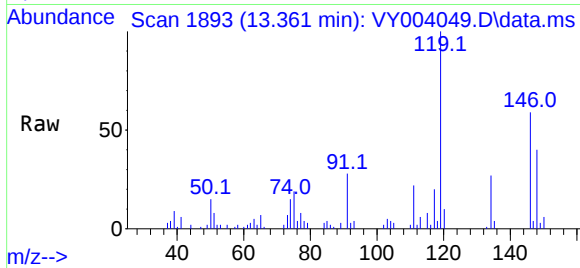
#87
1,3-Dichlorobenzene
Concen: 4.06 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	146	Resp:	5731
Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.9	56.7
148	66.3	31.9	95.9

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

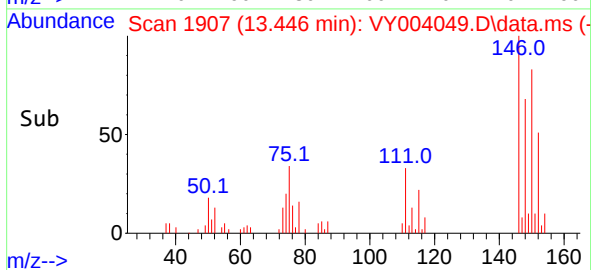
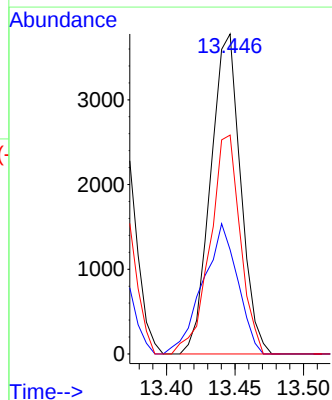
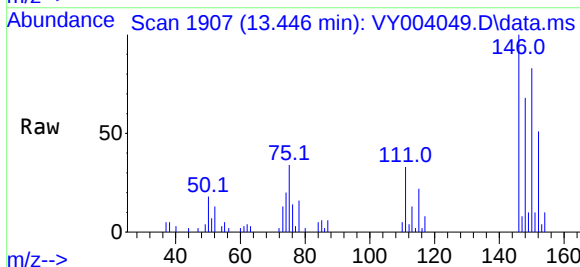
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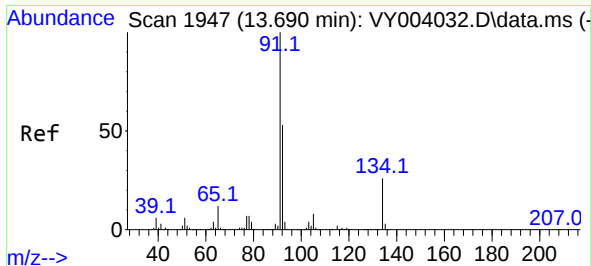
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#88
1,4-Dichlorobenzene
Concen: 4.10 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

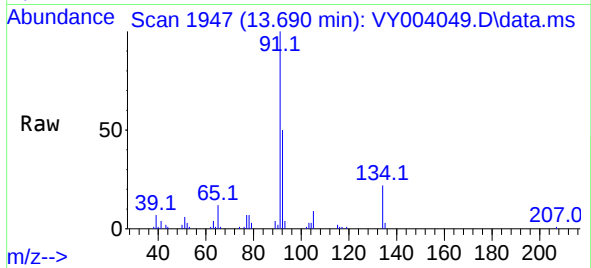
Tgt Ion:	146	Resp:	5752
Ion	Ratio	Lower	Upper
146	100		
111	47.1	18.6	55.8
148	68.8	31.8	95.4





#89
n-Butylbenzene
Concen: 4.01 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

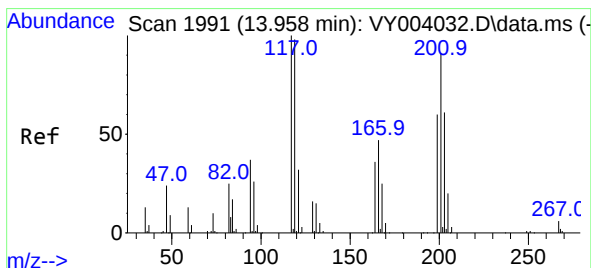
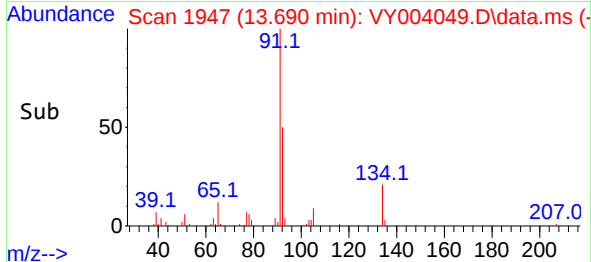
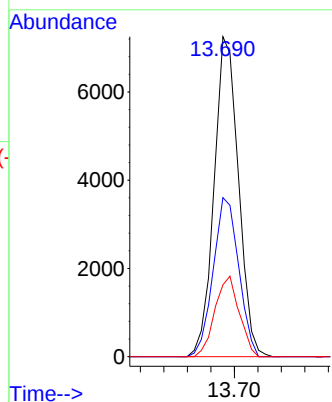
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion:	91	Resp:	10454
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.4
134	25.0	13.2	39.5

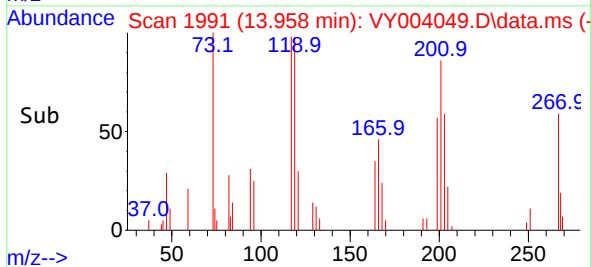
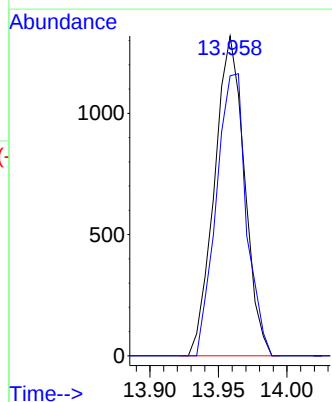
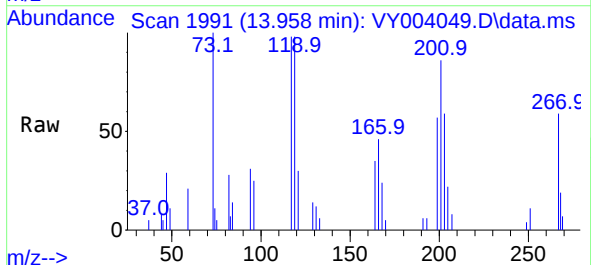
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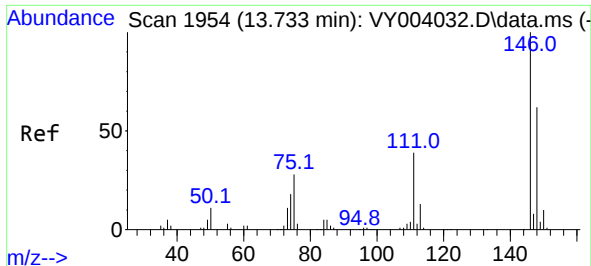
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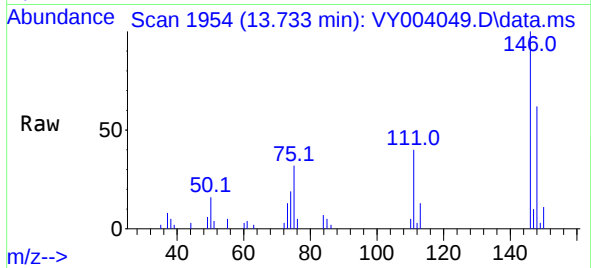
#90
Hexachloroethane
Concen: 4.02 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:	117	Resp:	2010
Ion	Ratio	Lower	Upper
117	100		
201	88.4	46.0	138.0

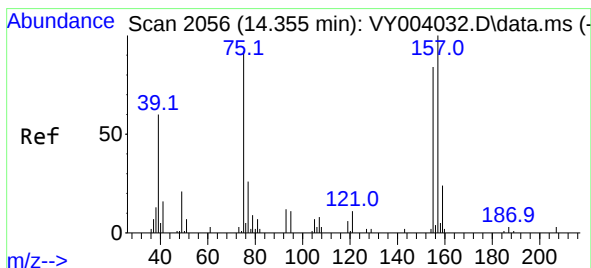
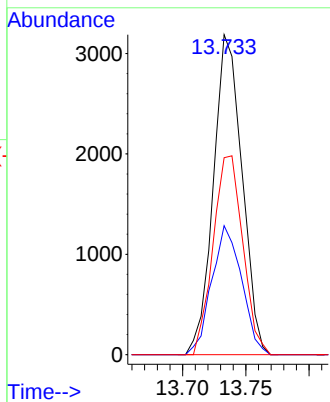
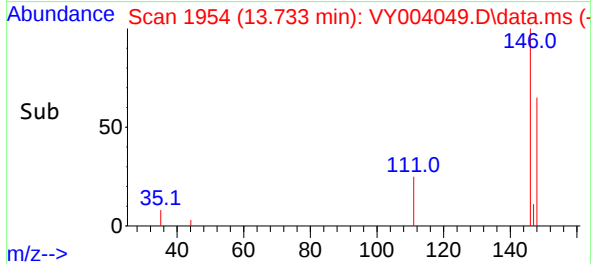




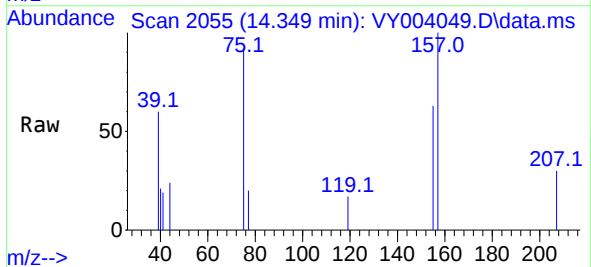
#91
1,2-Dichlorobenzene
Concen: 4.02 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



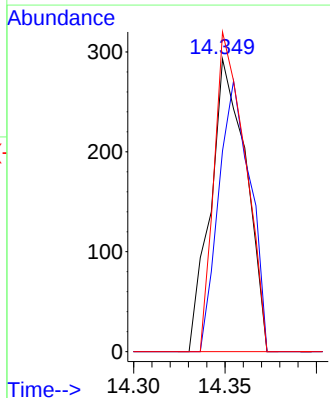
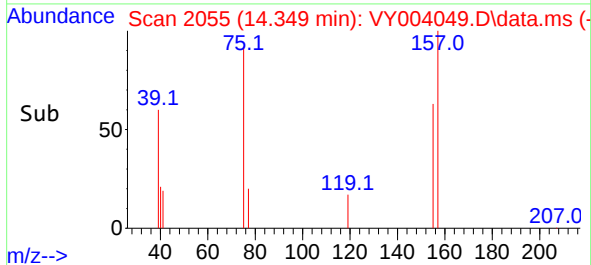
Tgt Ion: 146 Resp: 5018
Ion Ratio Lower Upper
146 100
111 42.1 19.6 58.8
148 64.5 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.76 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



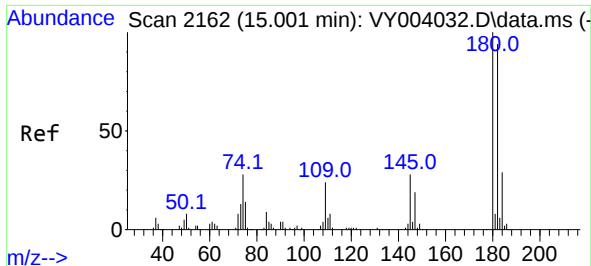
Tgt Ion: 75 Resp: 395
Ion Ratio Lower Upper
75 100
155 82.5 42.8 128.4
157 95.9 52.4 157.3



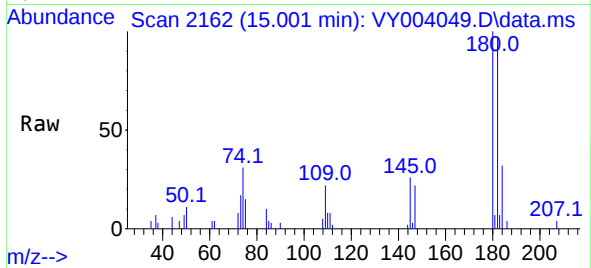
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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#93
1,2,4-Trichlorobenzene
Concen: 3.98 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

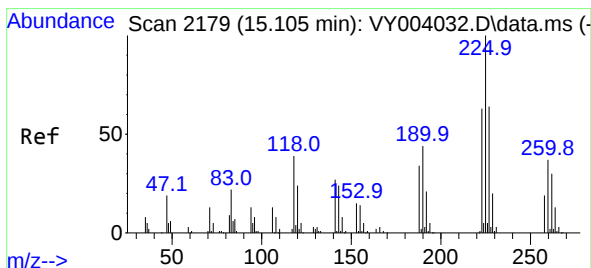
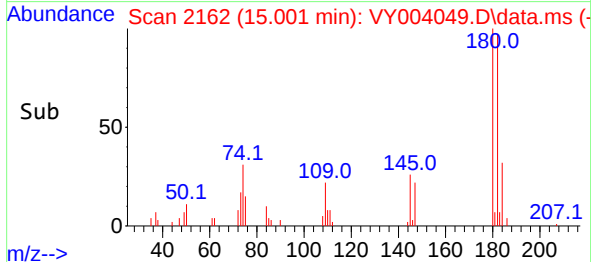
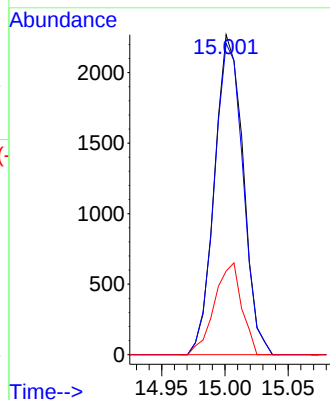


Tgt Ion:	180	Resp:	3569
Ion Ratio	Lower	Upper	
180	100		
182	97.8	48.0	144.0
145	27.3	14.1	42.2

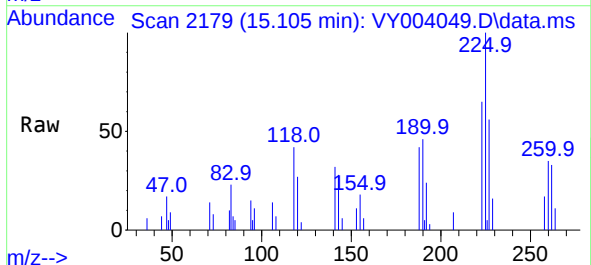
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
APPROVED

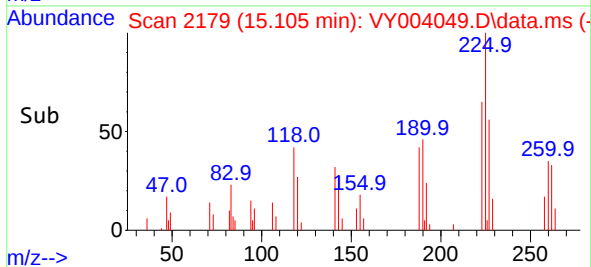
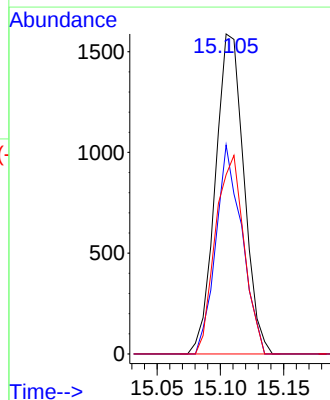
MMDadoda
2/25/2021 12:17:53 PM

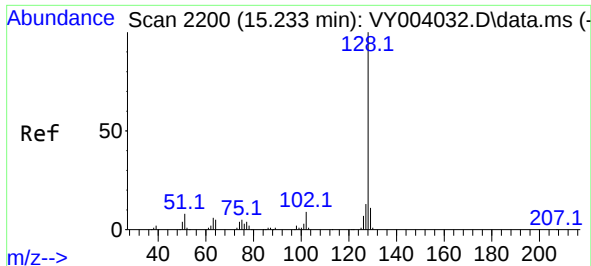


#94
Hexachlorobutadiene
Concen: 4.41 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02



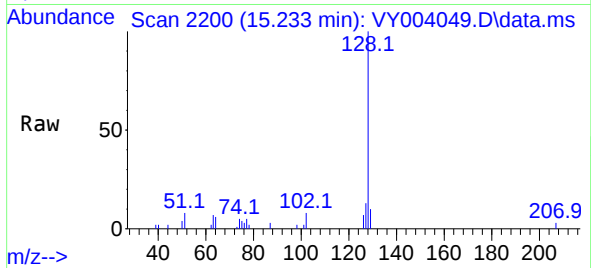
Tgt Ion:	225	Resp:	2496
Ion Ratio	Lower	Upper	
225	100		
223	59.7	31.5	94.5
227	62.0	32.1	96.3





#95
Naphthalene
Concen: 3.78 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

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

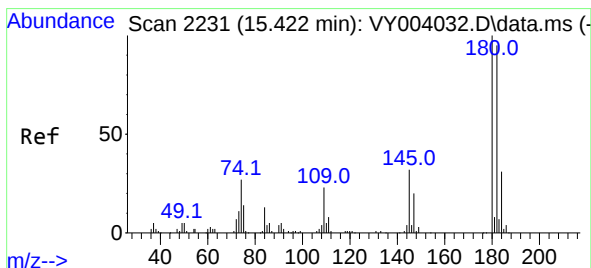
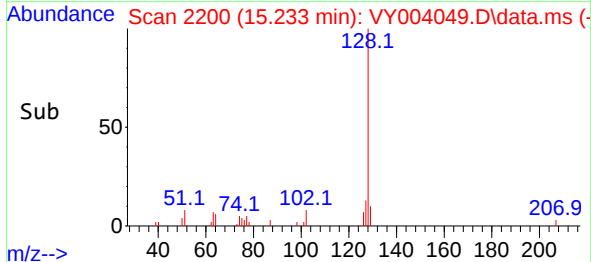
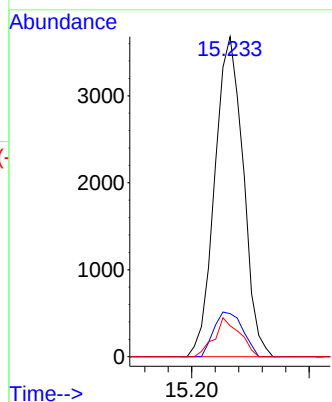


Tgt Ion:128 Resp: 6179

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	16.0
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:17:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.94 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY004049.D
Acq: 24 Feb 2021 13:02

Tgt Ion:180 Resp: 3013

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	30.5	15.3	45.9

