

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004742.D
 Acq On : 11 May 2021 13:16
 Operator : SY/MD
 Sample : M2262-02 5PPBL0Q
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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MMDadoda
 5/12/2021 10:43:03 AM

Quant Time: May 12 01:22:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 12 01:21:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114988	52.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.72%			
35) Dibromofluoromethane	7.728	113	94045	57.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.90%			
50) Toluene-d8	10.185	98	378047	51.57	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.14%			
62) 4-Bromofluorobenzene	12.483	95	123369	49.86	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	7746	4.63	ug/l	99
3) Chloromethane	2.119	50	13215	4.87	ug/l	95
4) Vinyl Chloride	2.259	62	12799	4.61	ug/l	100
5) Bromomethane	2.656	94	8111	5.73	ug/l	98
6) Chloroethane	2.802	64	8084	4.94	ug/l	96
7) Trichlorofluoromethane	3.137	101	17075	5.18	ug/l	94
8) Diethyl Ether	3.540	74	6071	5.22	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	9317	4.98	ug/l	98
10) Methyl Iodide	4.107	142	10336	5.17	ug/l	99
11) Tert butyl alcohol	4.972	59	6527	29.85	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	9102	5.04	ug/l	98
13) Acrolein	3.741	56	6245	24.30	ug/l	95
14) Allyl chloride	4.491	41	17706	5.02	ug/l	99
15) Acrylonitrile	5.186	53	14462	24.78	ug/l	99
16) Acetone	3.960	43	13836	28.32	ug/l	97
17) Carbon Disulfide	4.210	76	29267	5.30	ug/l	98
18) Methyl Acetate	4.491	43	8752	5.62	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	24950	5.02	ug/l	99
20) Methylene Chloride	4.735	84	17479	5.58	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	10164	4.95	ug/l	92
22) Diisopropyl ether	6.137	45	32800	4.83	ug/l	99
23) Vinyl Acetate	6.076	43	115584	22.66	ug/l	100
24) 1,1-Dichloroethane	6.033	63	18861	4.94	ug/l	99
25) 2-Butanone	7.002	43	20837	24.00	ug/l	96
26) 2,2-Dichloropropane	6.996	77	16796	5.03	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	11001	4.83	ug/l	98
28) Bromochloromethane	7.350	49	9711	5.20	ug/l	97
29) Tetrahydrofuran	7.362	42	12932	23.35	ug/l	99
30) Chloroform	7.521	83	18619	4.95	ug/l	100
31) Cyclohexane	7.795	56	19840	5.63	ug/l #	77
32) 1,1,1-Trichloroethane	7.710	97	16915	5.01	ug/l	96
36) 1,1-Dichloropropene	7.929	75	15061	4.96	ug/l	96
37) Ethyl Acetate	7.088	43	11335	5.44	ug/l	98
38) Carbon Tetrachloride	7.905	117	11972	4.38	ug/l	100
39) Methylcyclohexane	9.191	83	15565	4.70	ug/l	95
40) Benzene	8.173	78	43139	5.02	ug/l	100

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Quant Time: May 12 01:22:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	6207m	5.46	ug/l	
42) 1,2-Dichloroethane	8.246	62	14167	5.22	ug/l	100
43) Isopropyl Acetate	8.283	43	19000	4.92	ug/l	98
44) Trichloroethene	8.941	130	11265	4.88	ug/l	99
45) 1,2-Dichloropropane	9.228	63	10755	4.79	ug/l	90
46) Dibromomethane	9.313	93	6162	4.93	ug/l	96
47) Bromodichloromethane	9.502	83	14691	4.96	ug/l	99
48) Methyl methacrylate	9.301	41	8048	4.58	ug/l	97
49) 1,4-Dioxane	9.319	88	1338	90.94	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	48587	23.37	ug/l	100
52) Toluene	10.246	92	26643	4.91	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	15772	4.80	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	17876	4.89	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	8352	4.86	ug/l	92
56) Ethyl methacrylate	10.514	69	11202	4.50	ug/l	97
57) 1,3-Dichloropropane	10.794	76	14926	4.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	29022	22.61	ug/l	97
59) 2-Hexanone	10.837	43	32241	22.88	ug/l	97
60) Dibromochloromethane	10.990	129	9812	4.80	ug/l	99
61) 1,2-Dibromoethane	11.093	107	8032	4.84	ug/l	98
64) Tetrachloroethene	10.721	164	11963	4.90	ug/l	95
65) Chlorobenzene	11.520	112	28277	5.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	9936	4.91	ug/l	97
67) Ethyl Benzene	11.599	91	49373	4.78	ug/l	96
68) m/p-Xylenes	11.709	106	36310	9.35	ug/l	99
69) o-Xylene	12.032	106	16706	4.60	ug/l	99
70) Styrene	12.050	104	26916	4.42	ug/l	98
71) Bromoform	12.215	173	5776	4.71	ug/l #	96
73) Isopropylbenzene	12.331	105	45172	4.72	ug/l	98
74) N-amyl acetate	12.148	43	15108	4.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	9567	5.01	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	7179m	5.32	ug/l	
77) Bromobenzene	12.611	156	10986	5.08	ug/l	97
78) n-propylbenzene	12.672	91	56683	4.85	ug/l	99
79) 2-Chlorotoluene	12.758	91	31436	4.90	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	38132	4.79	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	3531	4.54	ug/l	93
82) 4-Chlorotoluene	12.861	91	33097	4.97	ug/l	99
83) tert-Butylbenzene	13.081	119	32626	4.80	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	36880	4.63	ug/l	98
85) sec-Butylbenzene	13.257	105	47009	4.76	ug/l	99
86) p-Isopropyltoluene	13.373	119	38792	4.53	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	20301	4.79	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	21453	5.13	ug/l	95
89) n-Butylbenzene	13.696	91	39634	4.74	ug/l	97
90) Hexachloroethane	13.965	117	6027	5.00	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	18887	5.05	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2075	5.81	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	12148	5.04	ug/l	98
94) Hexachlorobutadiene	15.117	225	6860	5.25	ug/l	97
95) Naphthalene	15.239	128	24891	4.77	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10839	5.08	ug/l	97

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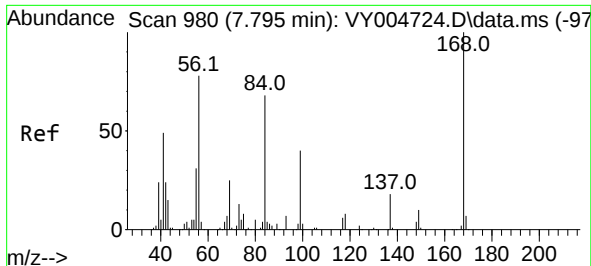
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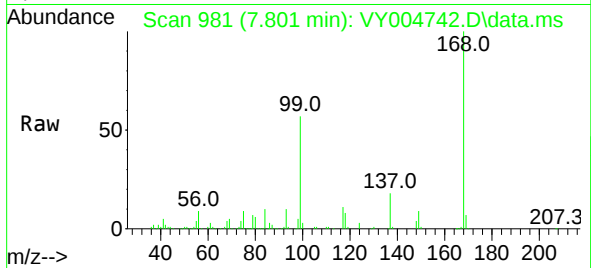
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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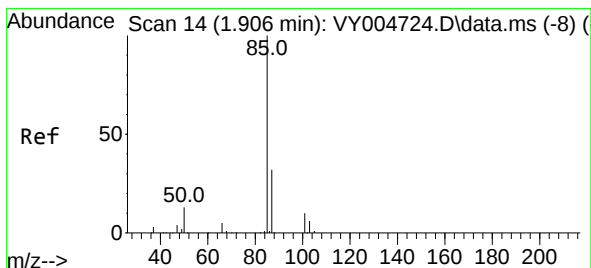
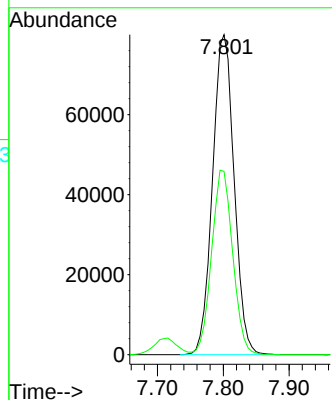
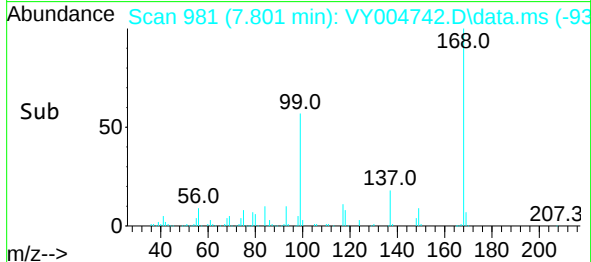
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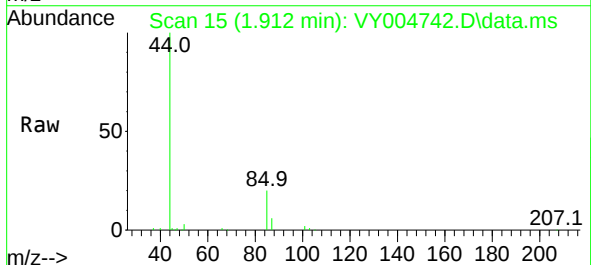
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



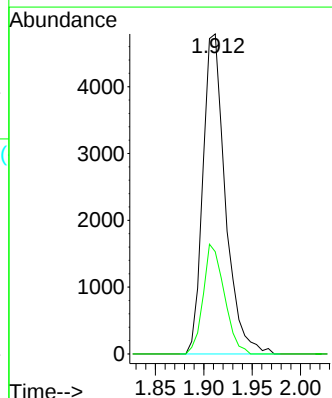
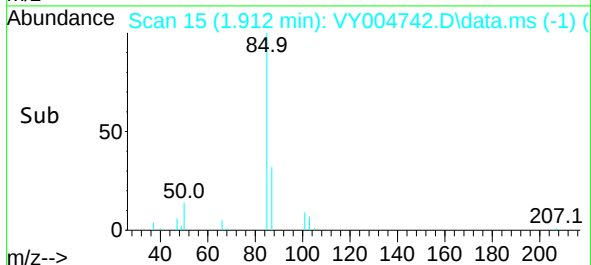
Tgt Ion:168 Resp: 182768
Ion Ratio Lower Upper
168 100
99 57.3 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 4.63 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



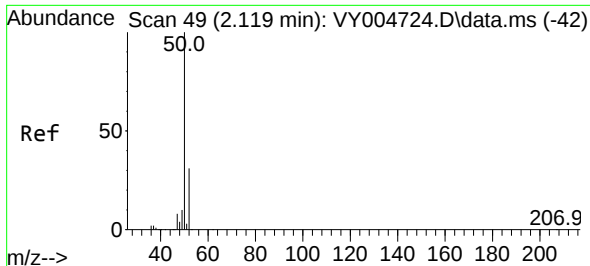
Tgt Ion: 85 Resp: 7746
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.5



Instrument :
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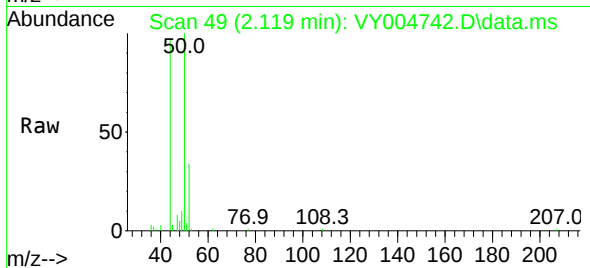
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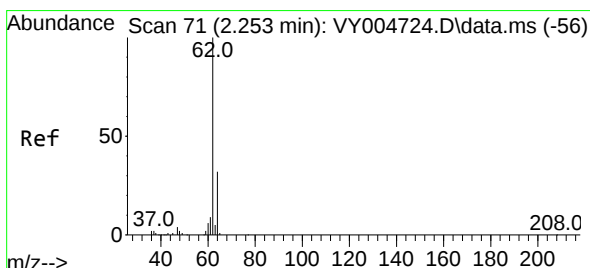
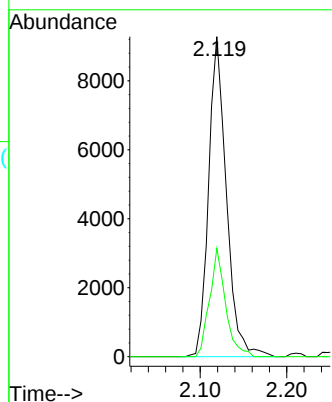
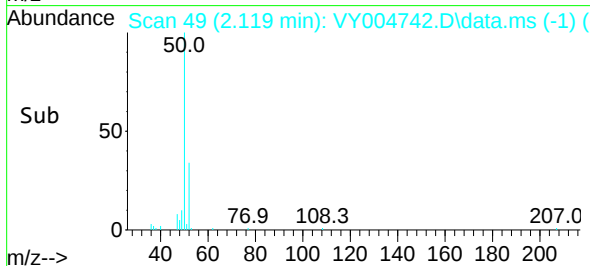


#3
Chloromethane
Concen: 4.87 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

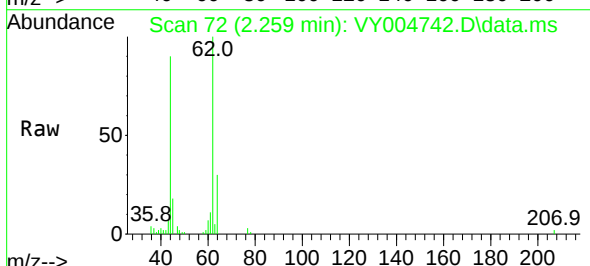
Instrument :
MSVOA_Y
ClientSampleId :
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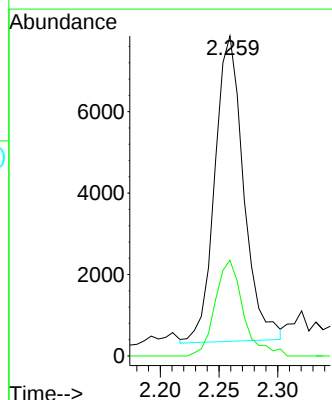
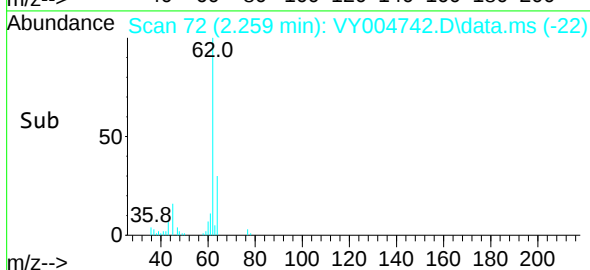
Tgt Ion: 50 Resp: 13215
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.6

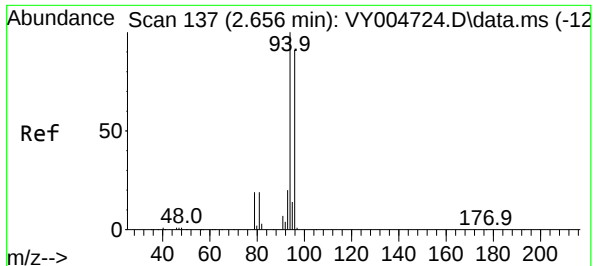


#4
Vinyl Chloride
Concen: 4.61 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion: 62 Resp: 12799
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2





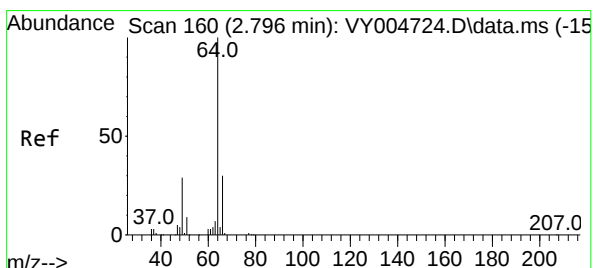
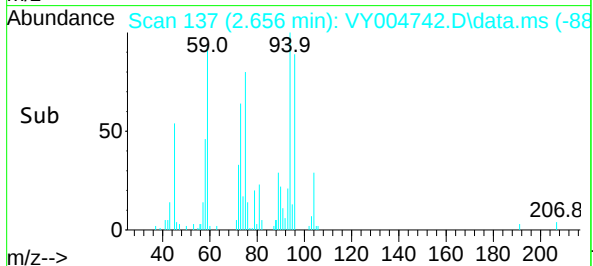
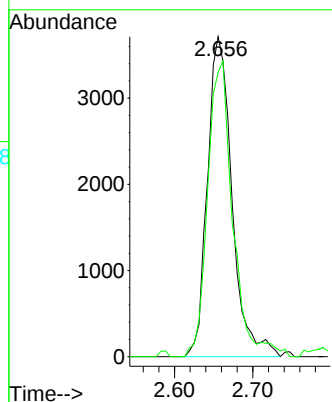
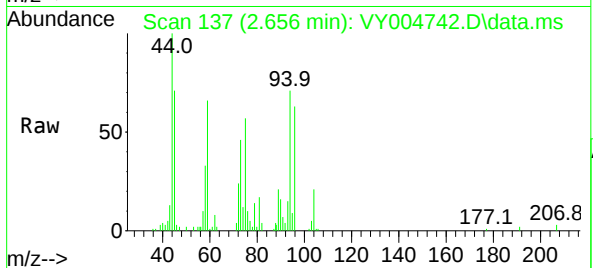
#5
Bromomethane
Concen: 5.73 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 94 Resp: 8111
Ion Ratio Lower Upper
94 100
96 88.9 72.6 109.0

Instrument :
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ClientSampleId :
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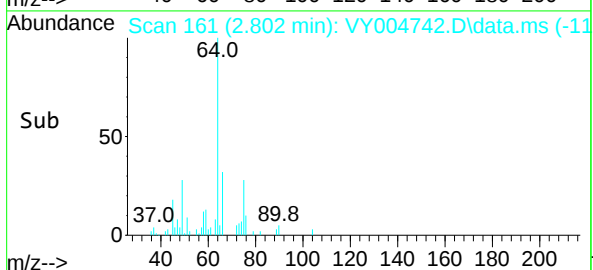
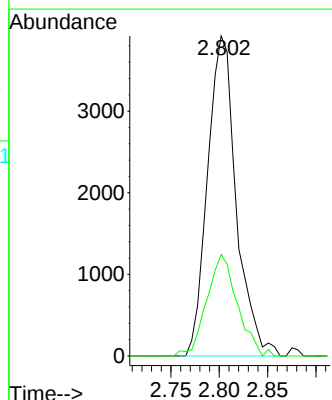
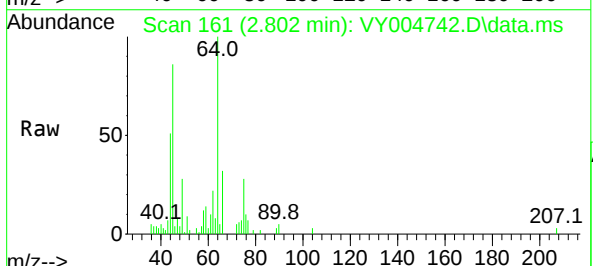
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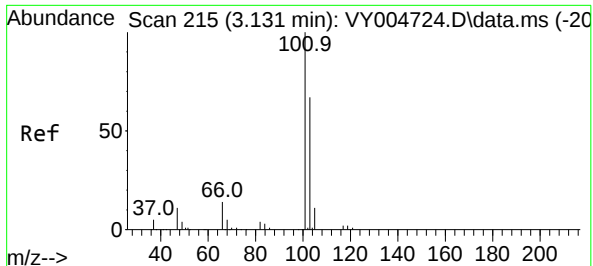
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#6
Chloroethane
Concen: 4.94 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 64 Resp: 8084
Ion Ratio Lower Upper
64 100
66 31.7 23.7 35.5





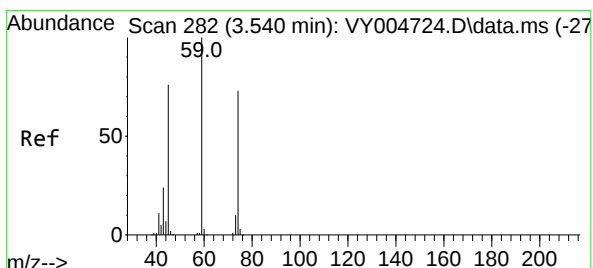
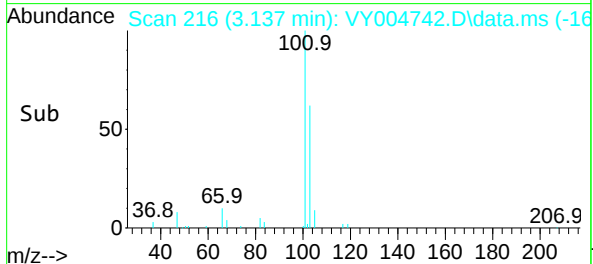
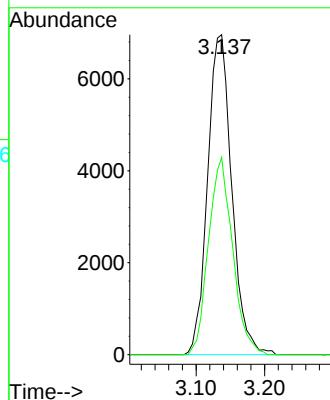
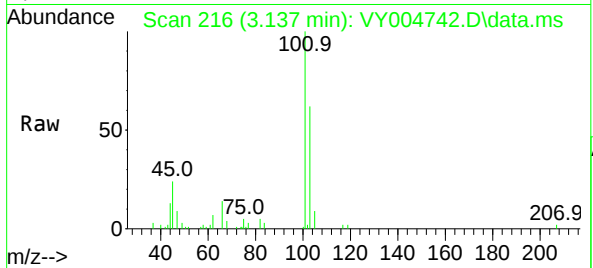
#7
Trichlorofluoromethane
Concen: 5.18 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 101 Resp: 17075
Ion Ratio Lower Upper
101 100
103 61.6 53.4 80.2

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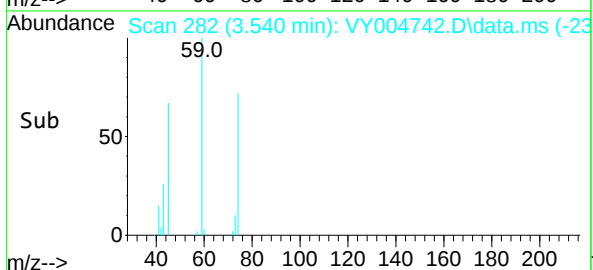
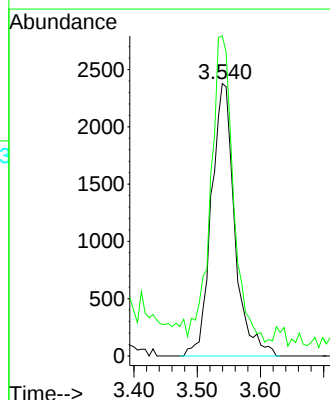
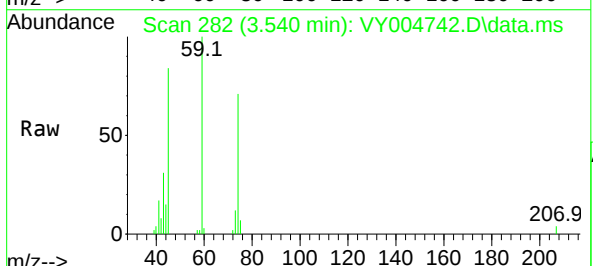
Manual Integrations
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#8
Diethyl Ether
Concen: 5.22 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

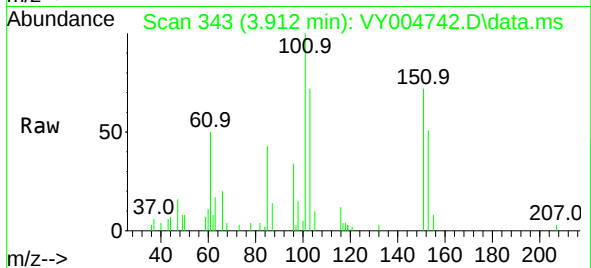
Tgt Ion: 74 Resp: 6071
Ion Ratio Lower Upper
74 100
45 108.9 53.9 161.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.98 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

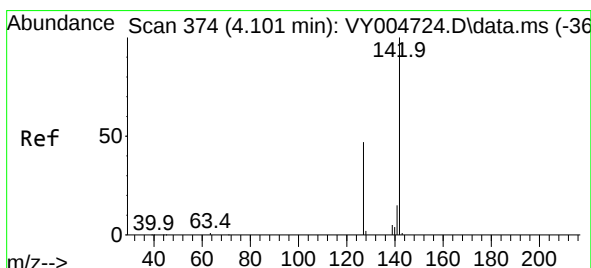
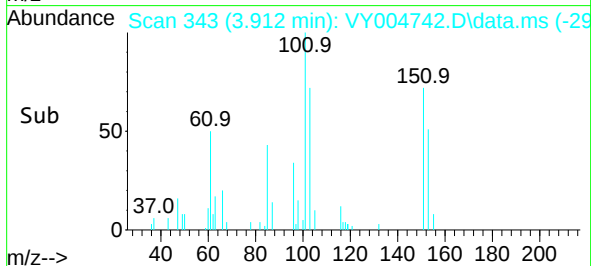
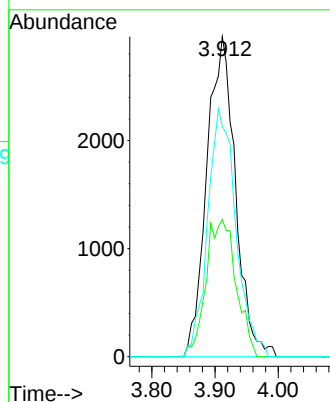
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Tgt Ion:101 Resp: 9317
Ion Ratio Lower Upper
101 100
85 45.1 38.2 57.4
151 76.6 61.4 92.0

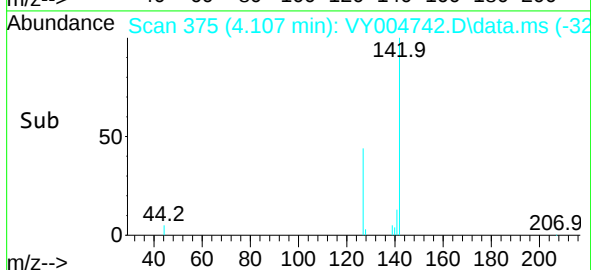
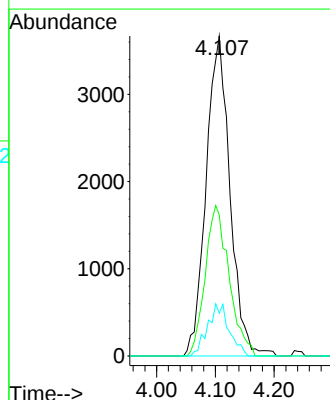
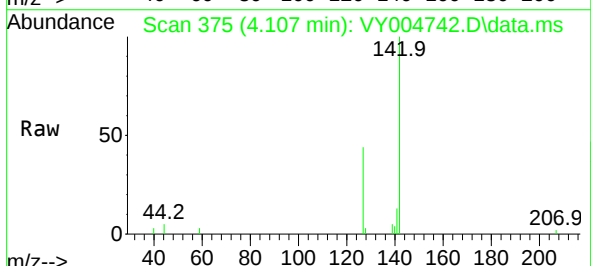
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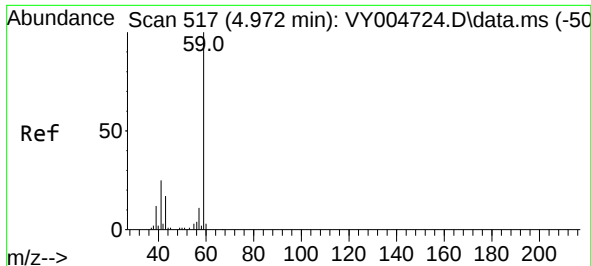
MMDadoda
5/12/2021 10:43:03 AM



#10
Methyl Iodide
Concen: 5.17 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:142 Resp: 10336
Ion Ratio Lower Upper
142 100
127 47.0 37.1 55.7
141 14.7 11.9 17.9





#11

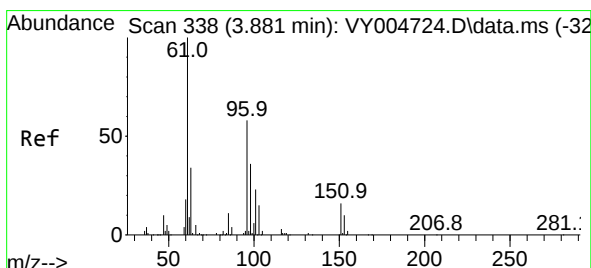
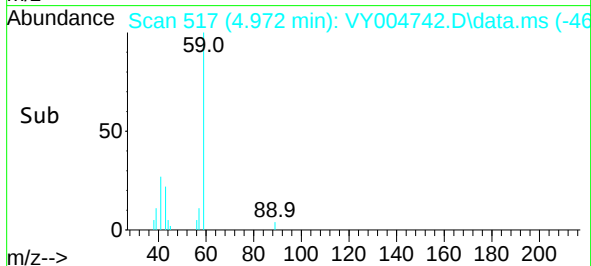
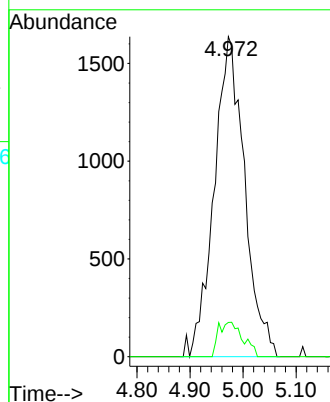
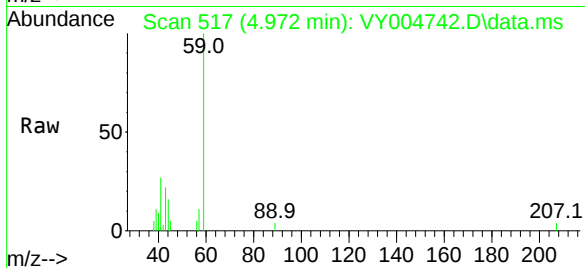
Tert butyl alcohol
Concen: 29.85 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 59 Resp: 6527
Ion Ratio Lower Upper
59 100
57 8.6 8.7 13.1#

Instrument :
MSVOA_Y
ClientSampleId :
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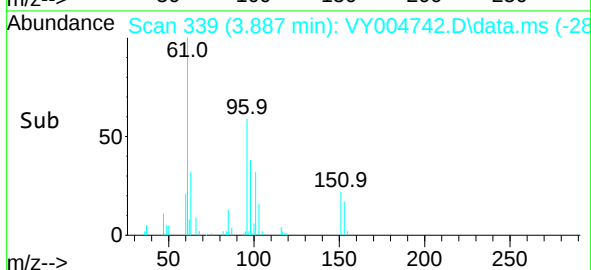
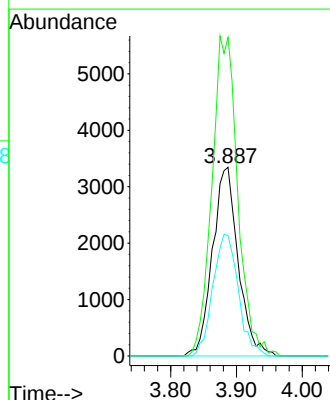
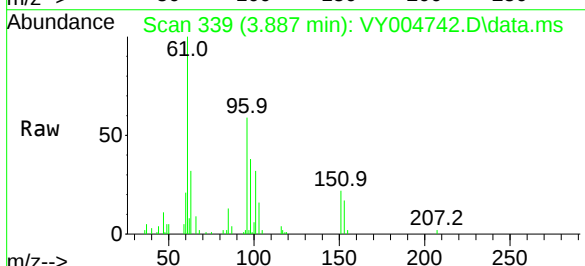
MMDadoda
5/12/2021 10:43:03 AM

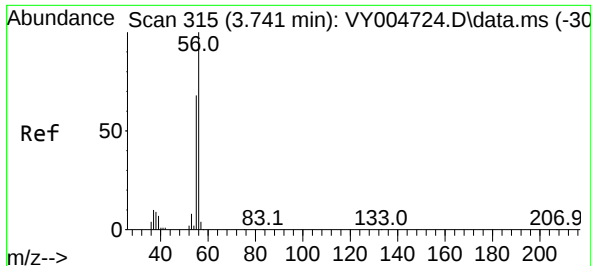


#12

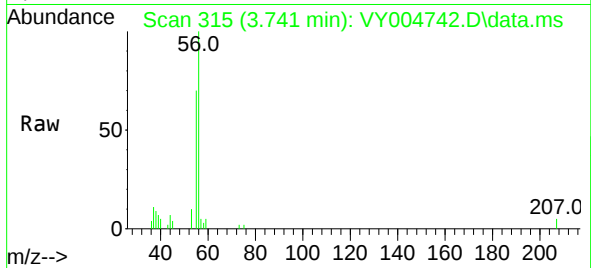
1,1-Dichloroethene
Concen: 5.04 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 96 Resp: 9102
Ion Ratio Lower Upper
96 100
61 168.9 137.5 206.3
98 63.8 50.2 75.2

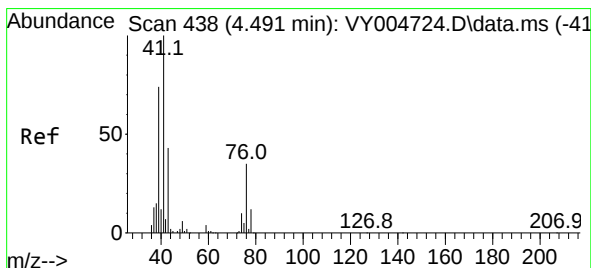
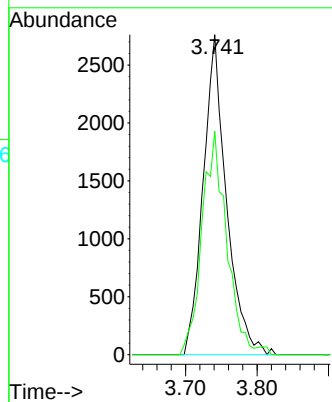
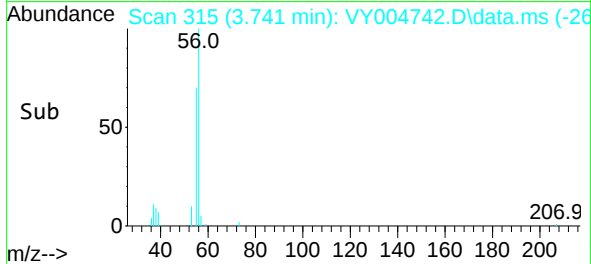




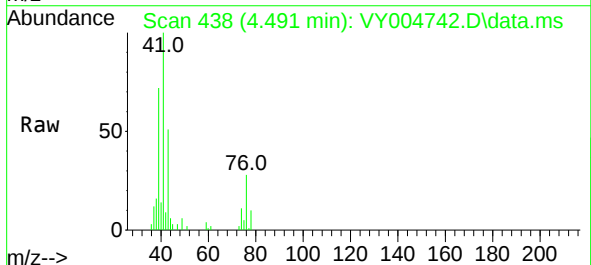
#13
Acrolein
Concen: 24.30 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



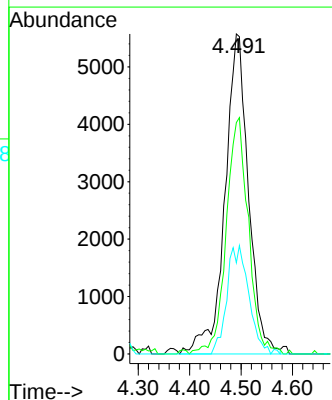
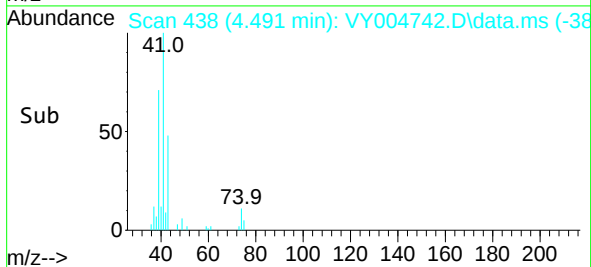
Tgt Ion: 56 Resp: 6245
Ion Ratio Lower Upper
56 100
55 73.1 55.3 82.9



#14
Allyl chloride
Concen: 5.02 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



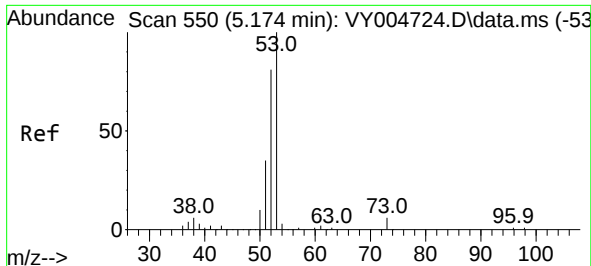
Tgt Ion: 41 Resp: 17706
Ion Ratio Lower Upper
41 100
39 69.8 56.1 84.1
76 31.7 26.2 39.4



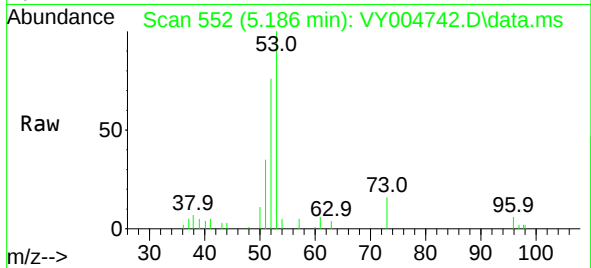
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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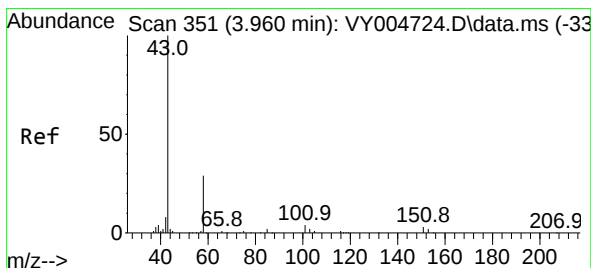
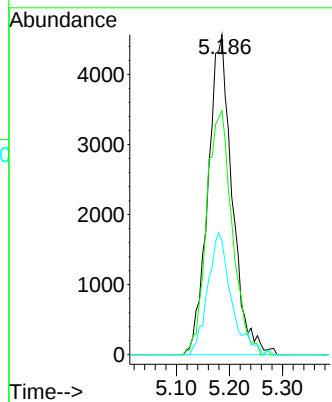
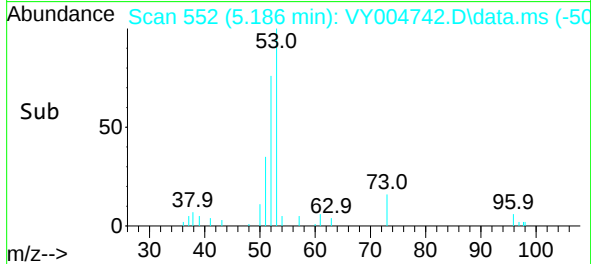
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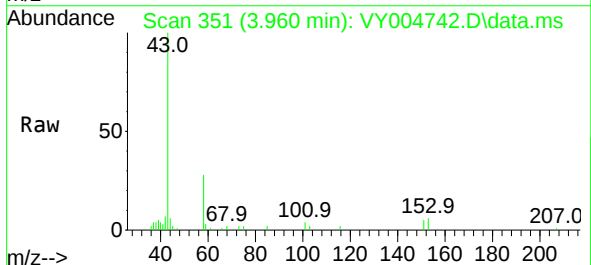
#15
Acrylonitrile
Concen: 24.78 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.012 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



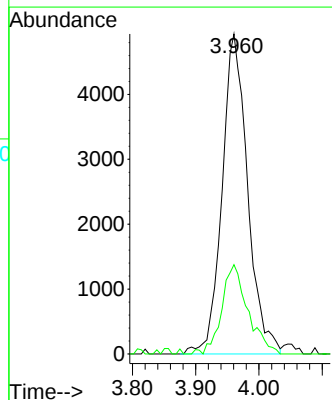
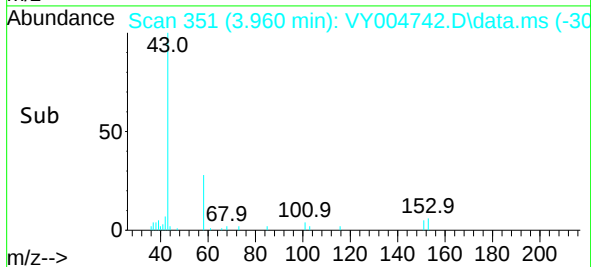
Tgt Ion: 53 Resp: 14462
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 36.9 29.3 43.9



#16
Acetone
Concen: 28.32 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



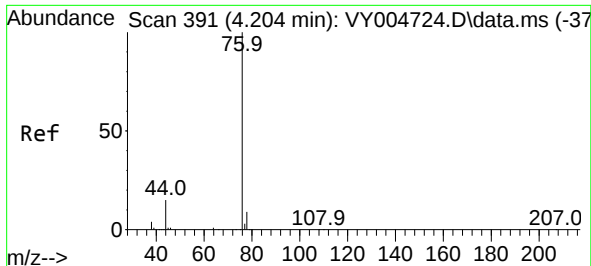
Tgt Ion: 43 Resp: 13836
Ion Ratio Lower Upper
43 100
58 27.9 23.6 35.4



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

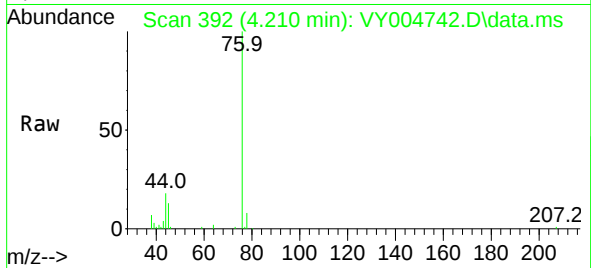
Manual Integrations
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#17
Carbon Disulfide
Concen: 5.30 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

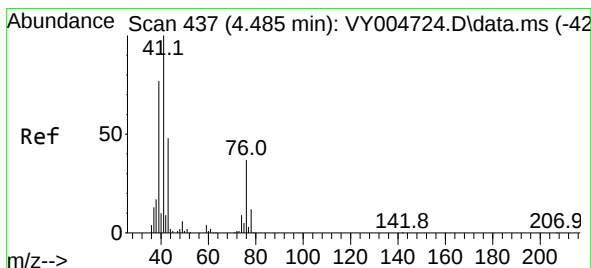
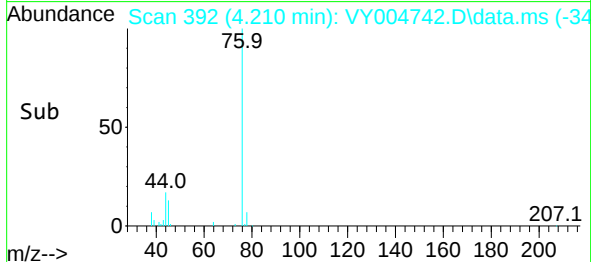
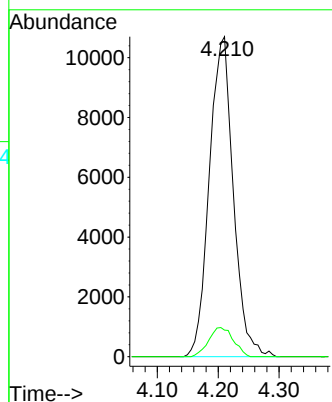
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 76 Resp: 29267
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

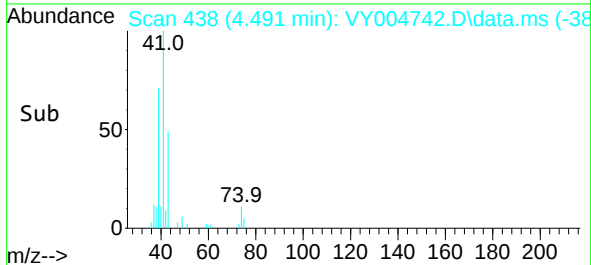
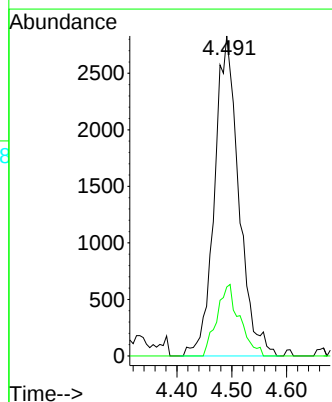
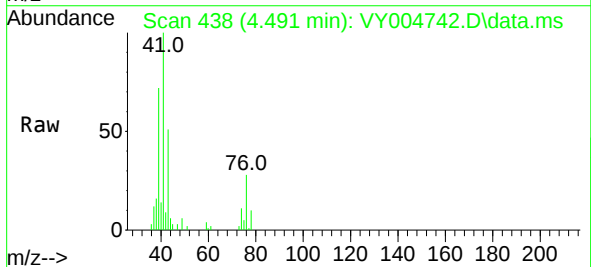
Manual Integrations
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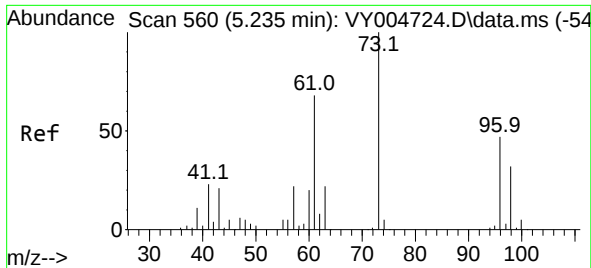
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#18
Methyl Acetate
Concen: 5.62 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 43 Resp: 8752
Ion Ratio Lower Upper
43 100
74 20.8 16.6 24.8





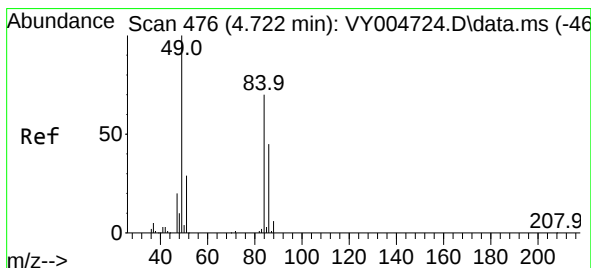
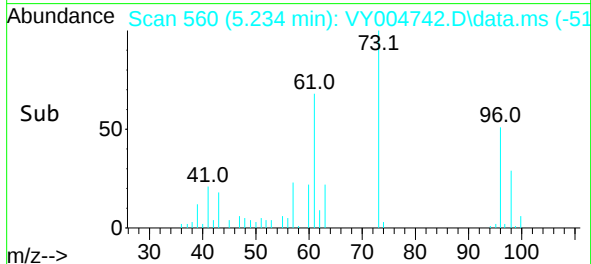
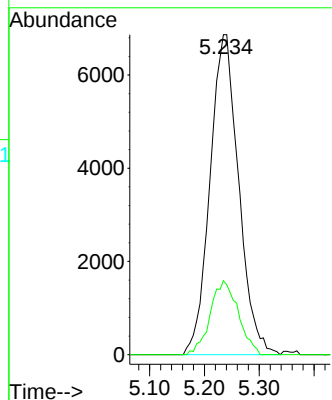
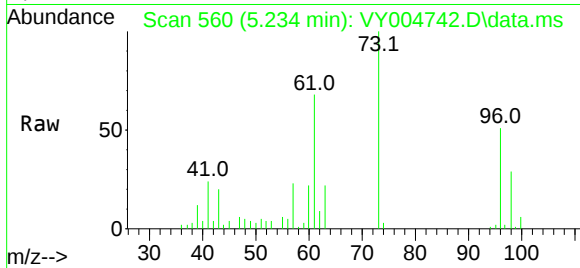
#19
Methyl tert-butyl Ether
Concen: 5.02 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 73 Resp: 24950
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

Instrument :
MSVOA_Y
ClientSampleId :
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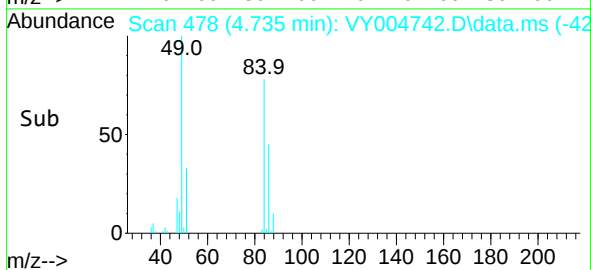
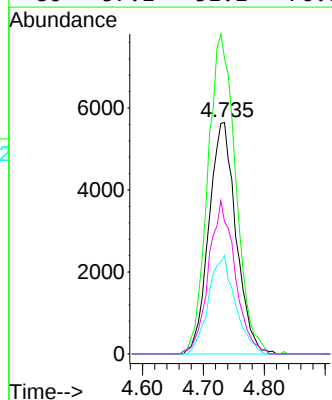
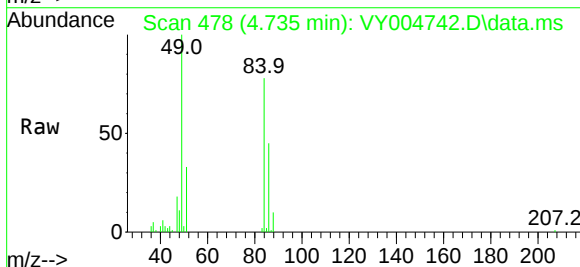
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#20
Methylene Chloride
Concen: 5.58 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

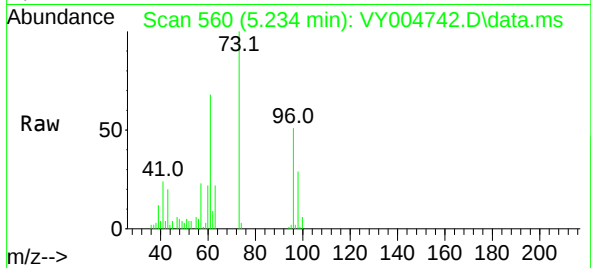
Tgt Ion: 84 Resp: 17479
Ion Ratio Lower Upper
84 100
49 127.7 113.8 170.8
51 42.5 33.5 50.3
86 57.1 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 4.95 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

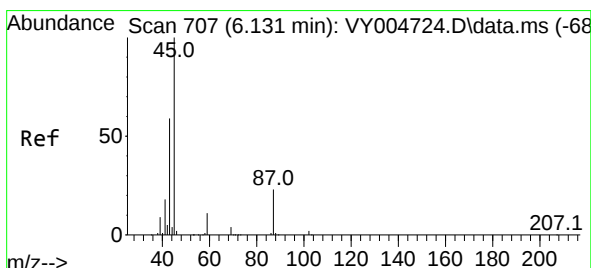
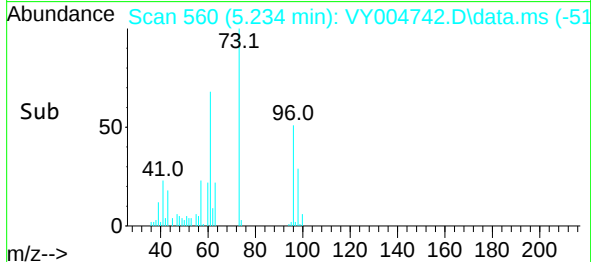
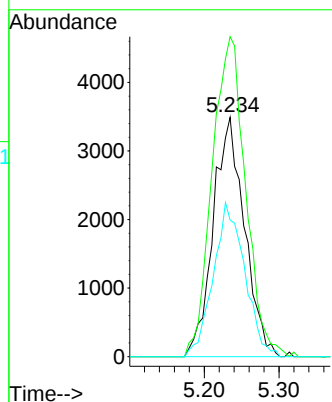
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



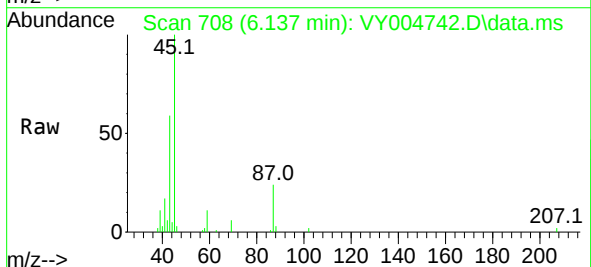
Tgt Ion: 96 Resp: 10164
Ion Ratio Lower Upper
96 100
61 133.6 115.5 173.3
98 57.1 50.6 75.8

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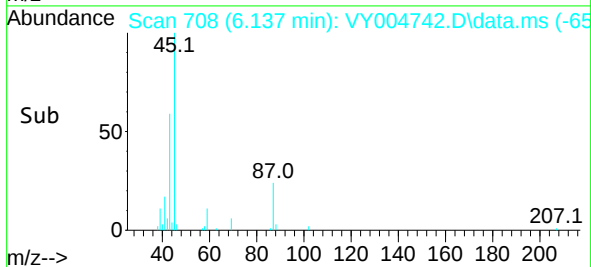
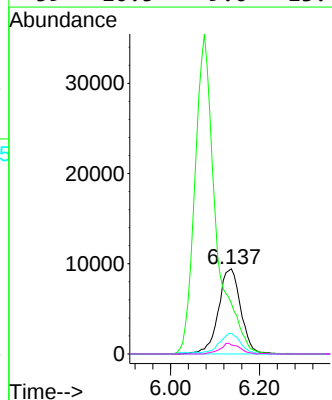
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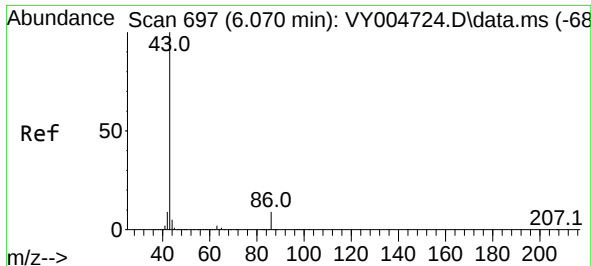


#22
Diisopropyl ether
Concen: 4.83 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



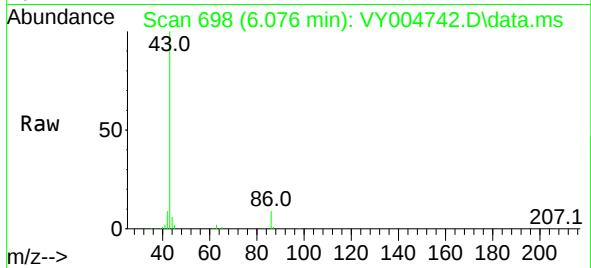
Tgt Ion: 45 Resp: 32800
Ion Ratio Lower Upper
45 100
43 58.7 47.7 71.5
87 24.4 18.9 28.3
59 10.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 22.66 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY004742.D
 Acq: 11 May 2021 13:16

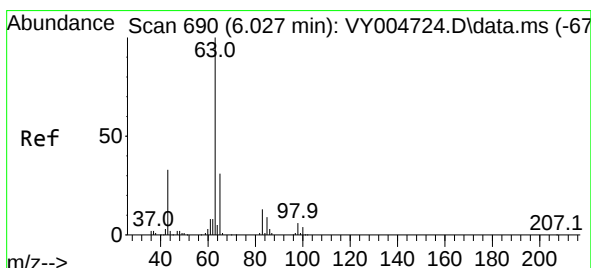
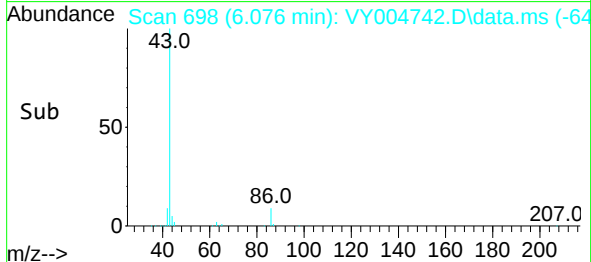
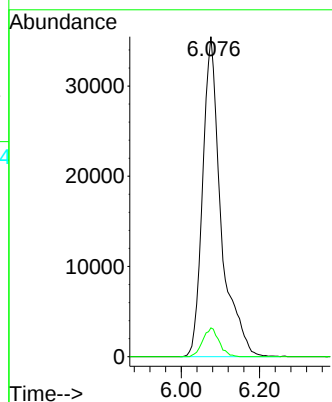
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021



Tgt Ion: 43 Resp: 115584
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8

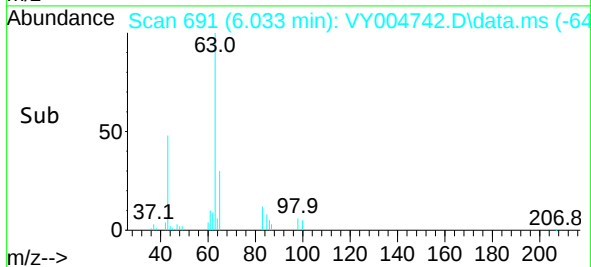
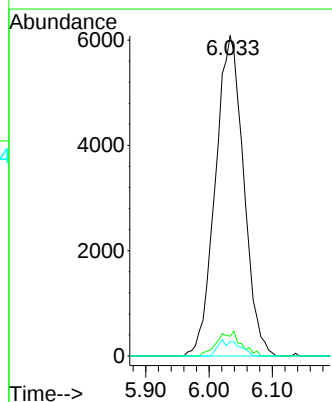
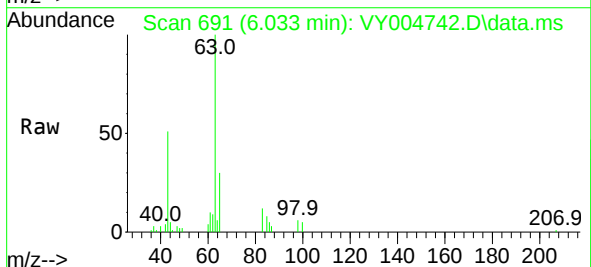
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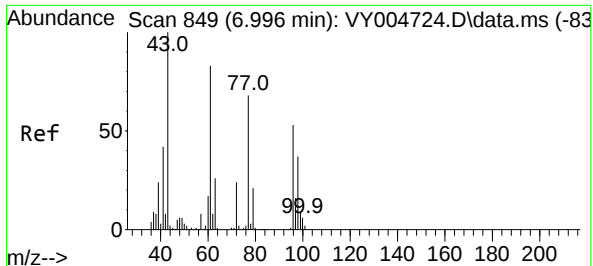
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#24
 1,1-Dichloroethane
 Concen: 4.94 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY004742.D
 Acq: 11 May 2021 13:16

Tgt Ion: 63 Resp: 18861
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 24.00 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004742.D

Acq: 11 May 2021 13:16

Tgt Ion: 43 Resp: 20837

Ion Ratio Lower Upper

43 100

72 26.4 19.4 29.0

Instrument :

MSVOA_Y

ClientSampleId :

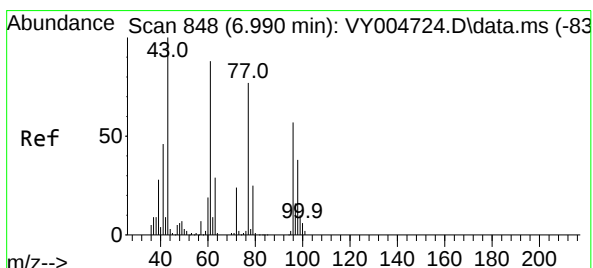
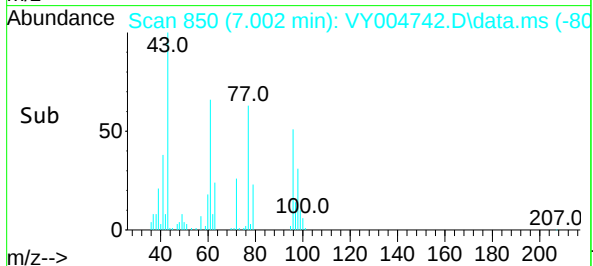
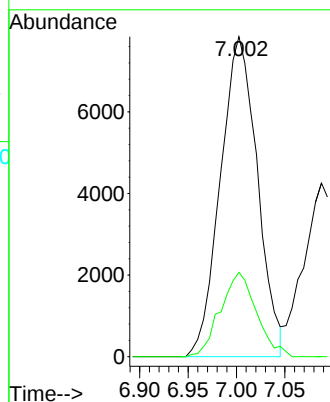
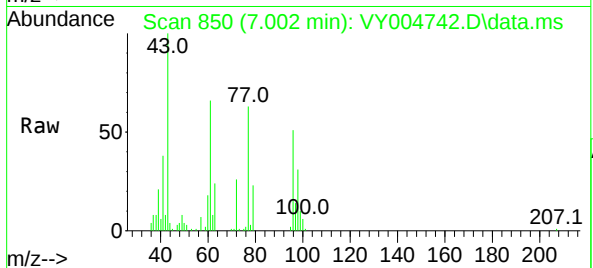
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#26

2,2-Dichloropropane

Concen: 5.03 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY004742.D

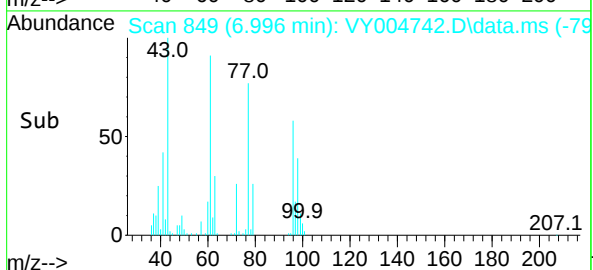
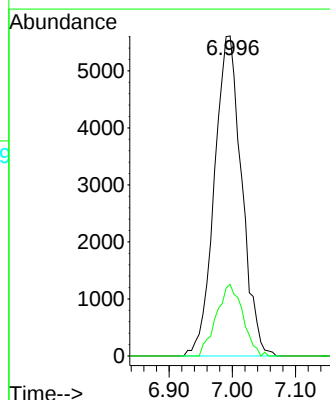
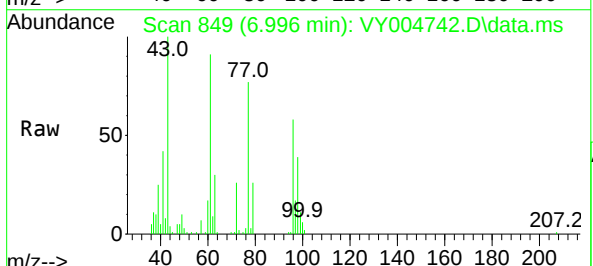
Acq: 11 May 2021 13:16

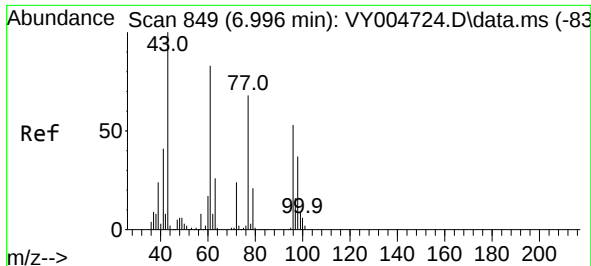
Tgt Ion: 77 Resp: 16796

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.83 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004742.D

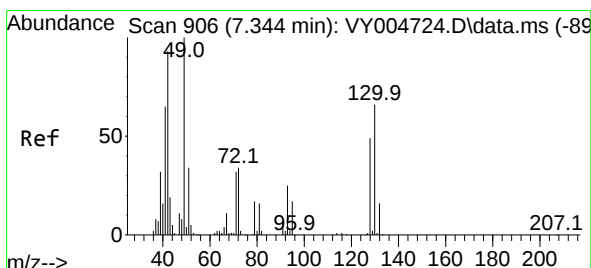
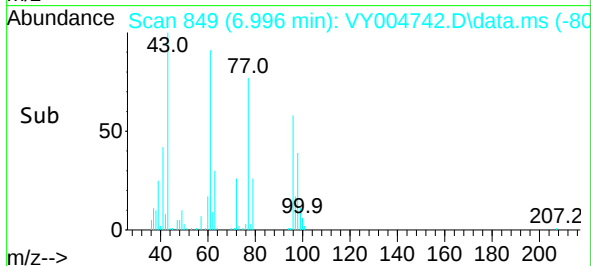
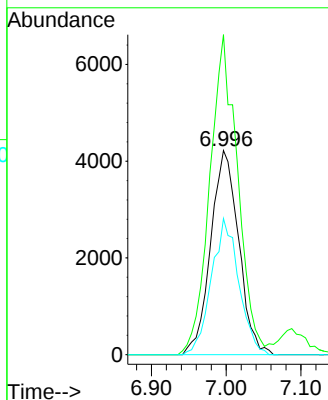
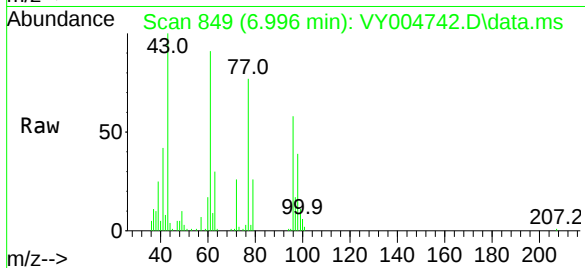
Acq: 11 May 2021 13:16

Tgt Ion:	96	Resp:	11001
Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	308.4
98	65.2	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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5/12/2021 10:43:03 AM



#28

Bromochloromethane

Concen: 5.20 ug/l

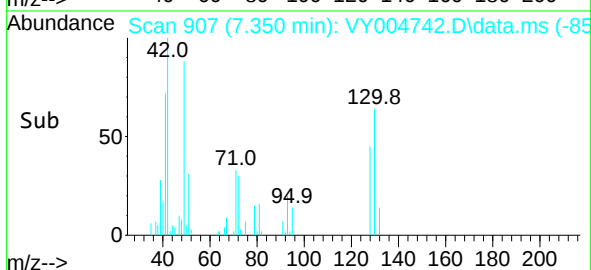
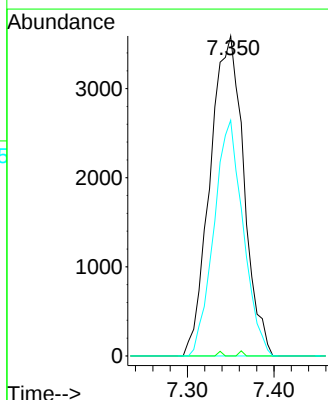
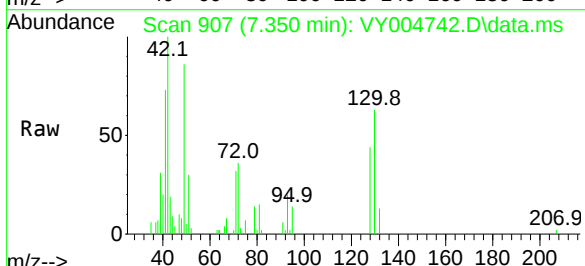
RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY004742.D

Acq: 11 May 2021 13:16

Tgt Ion:	49	Resp:	9711
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.0
130	64.0	52.8	79.2





#29

Tetrahydrofuran

Concen: 23.35 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY004742.D

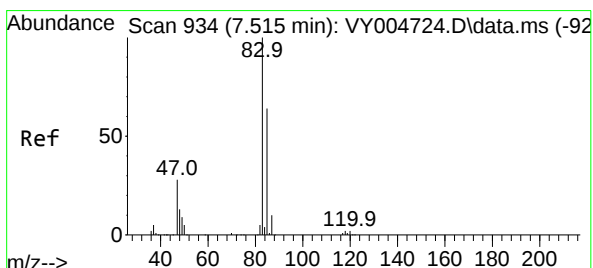
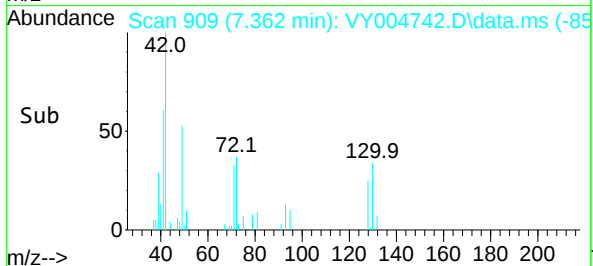
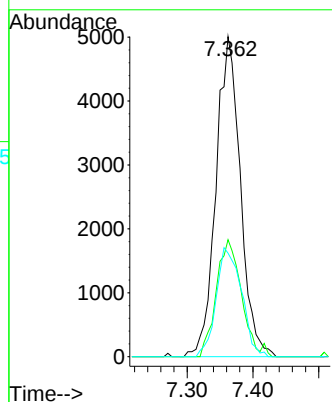
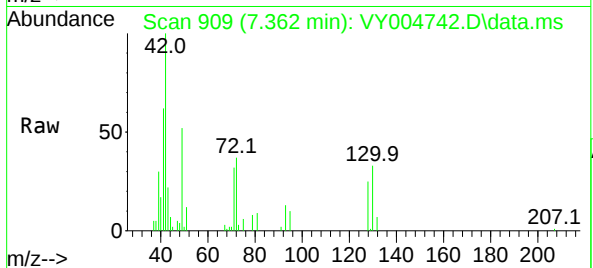
Acq: 11 May 2021 13:16

Tgt Ion:	42	Resp:	12932
Ion	Ratio	Lower	Upper
42	100		
72	37.6	29.4	44.0
71	35.2	28.0	42.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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5/12/2021 10:43:03 AM



#30

Chloroform

Concen: 4.95 ug/l

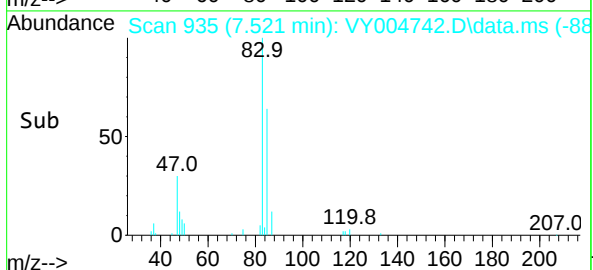
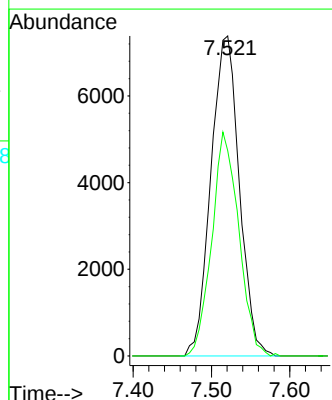
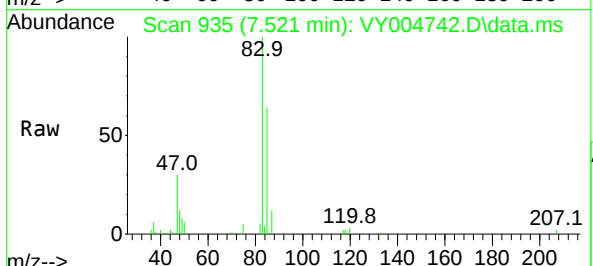
RT: 7.521 min Scan# 935

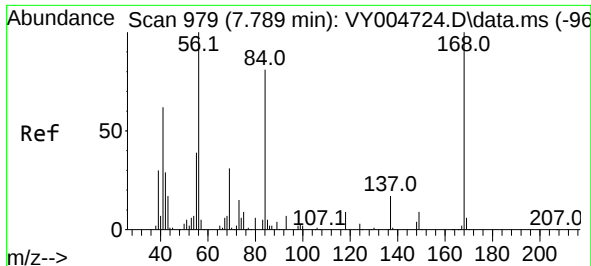
Delta R.T. 0.006 min

Lab File: VY004742.D

Acq: 11 May 2021 13:16

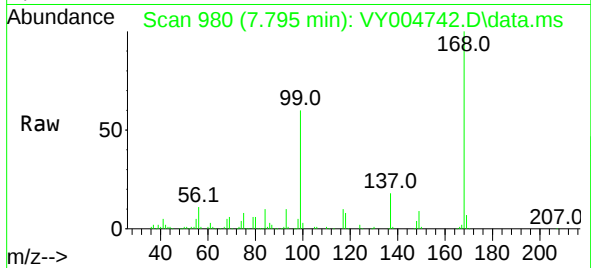
Tgt Ion:	83	Resp:	18619
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





#31
Cyclohexane
Concen: 5.63 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

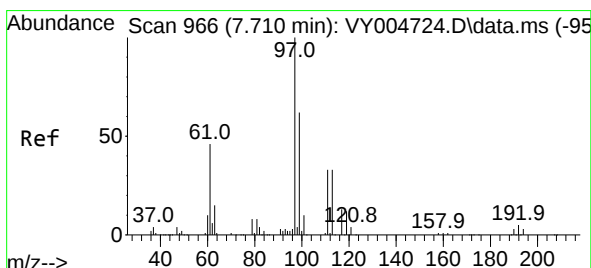
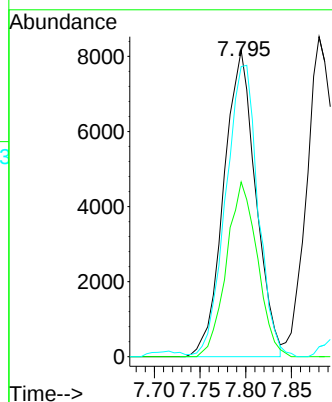
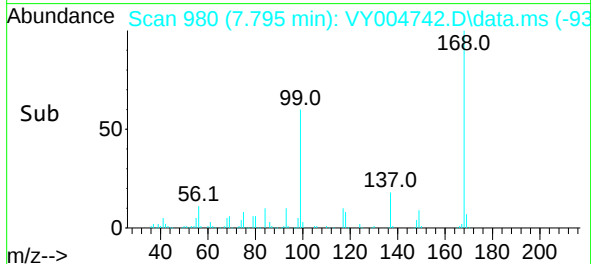
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



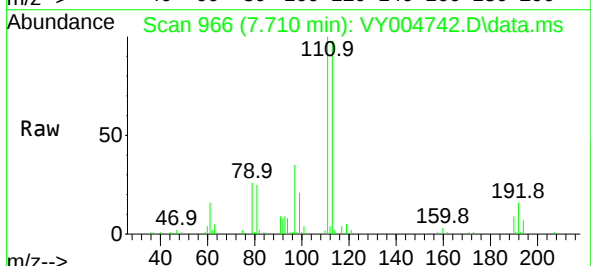
Tgt Ion	Ratio	Lower	Upper
56	100		
69	57.0	24.4	36.6#
84	93.2	64.8	97.2

Manual Integrations
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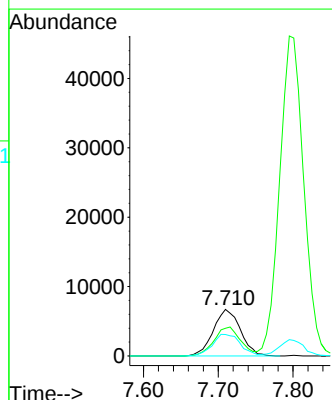
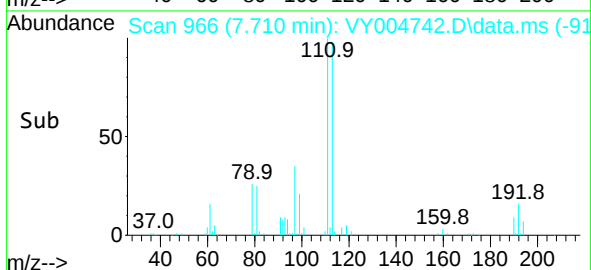
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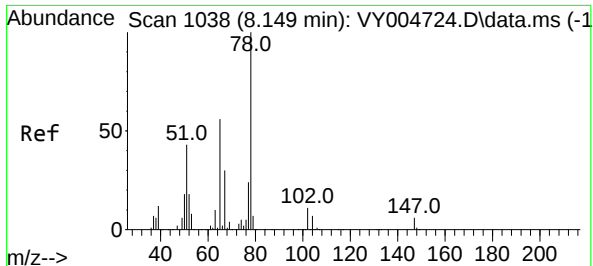


#32
1,1,1-Trichloroethane
Concen: 5.01 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.3	50.7	76.1
61	48.6	37.0	55.6





#33

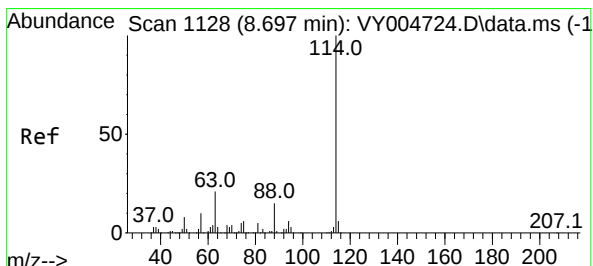
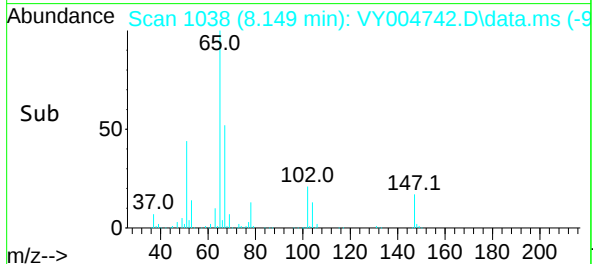
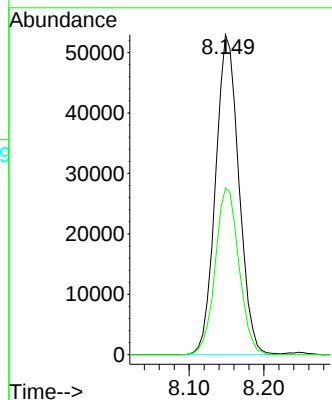
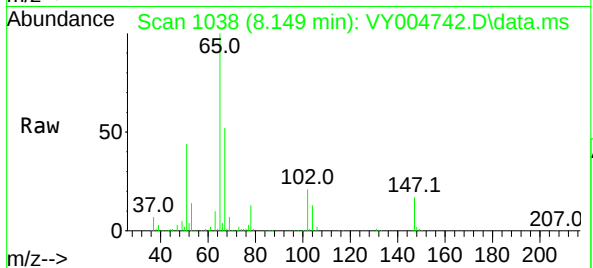
1,2-Dichloroethane-d4
Concen: 52.86 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 65 Resp: 114988
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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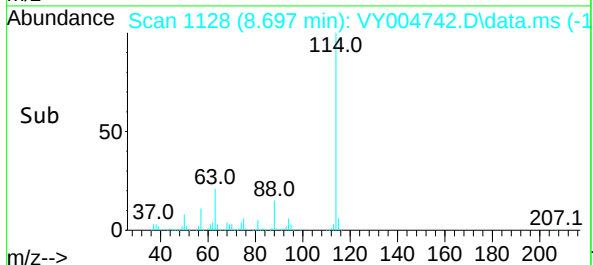
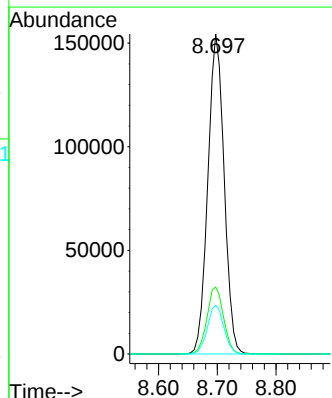
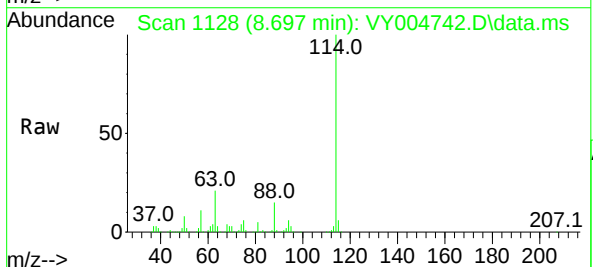
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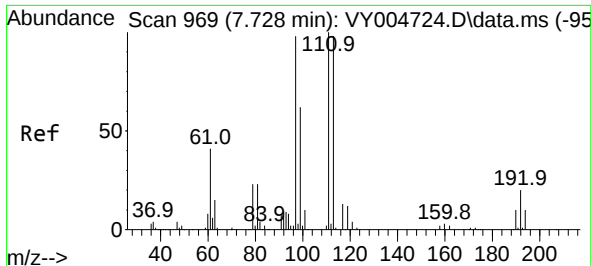


#34

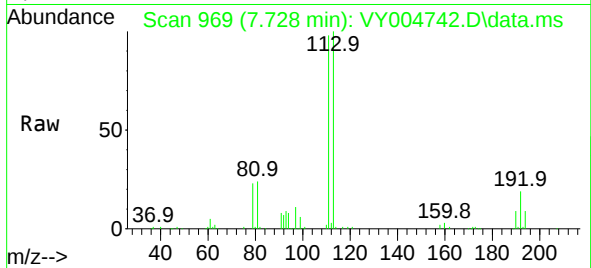
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 114 Resp: 296449
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 15.2 0.0 31.0

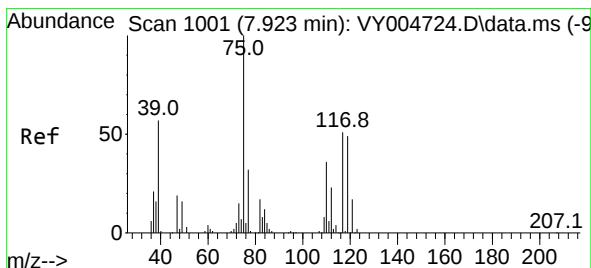
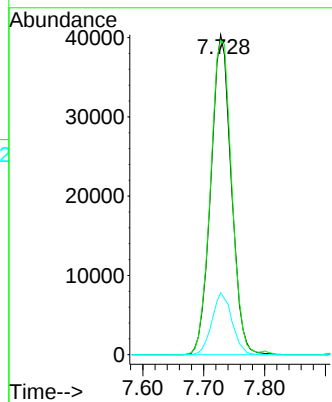
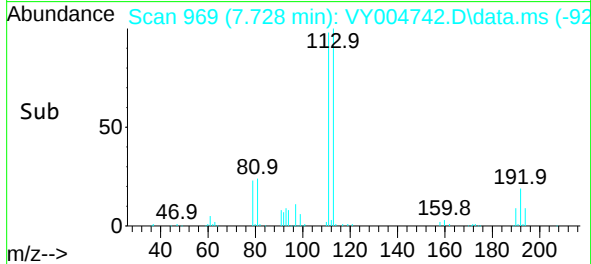




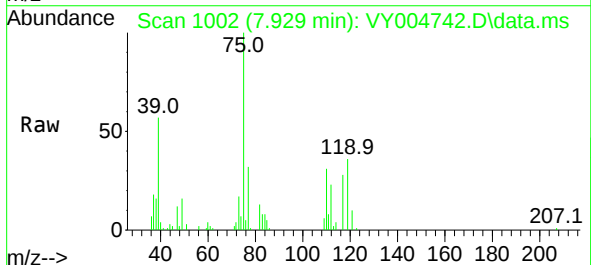
#35
Dibromofluoromethane
Concen: 57.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



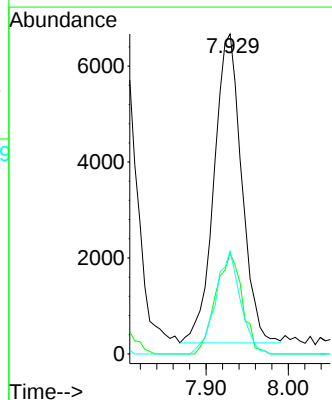
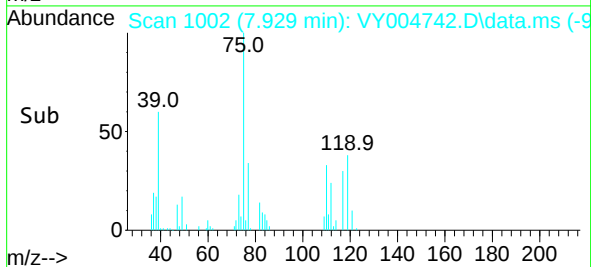
Tgt Ion: 113 Resp: 94045
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 19.0 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



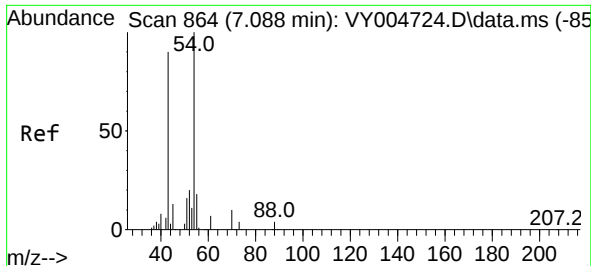
Tgt Ion: 75 Resp: 15061
Ion Ratio Lower Upper
75 100
110 31.2 17.0 50.9
77 29.9 25.0 37.4



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

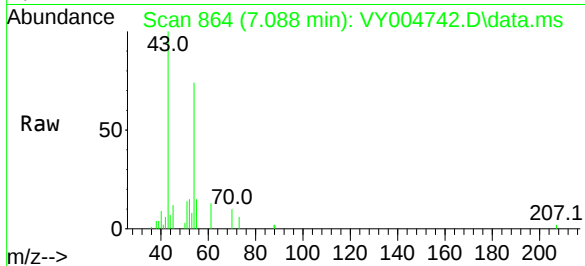
Manual Integrations
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#37
Ethyl Acetate
Concen: 5.44 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

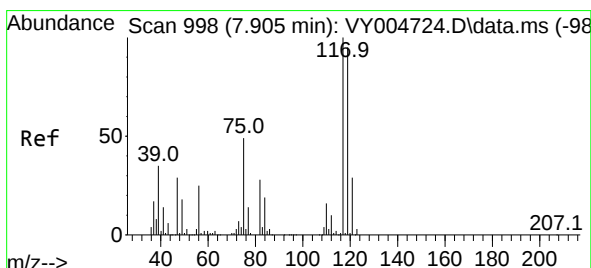
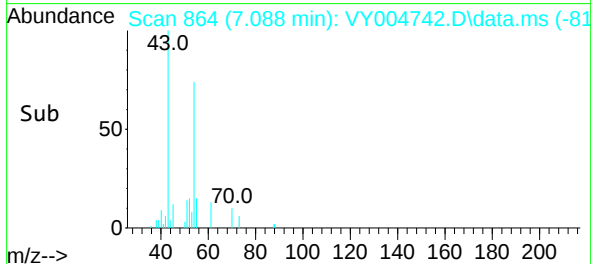
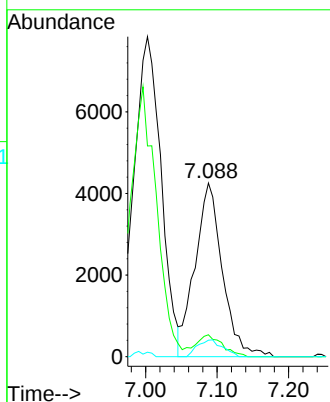
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.2	9.9	14.9
70	8.8	6.7	10.1

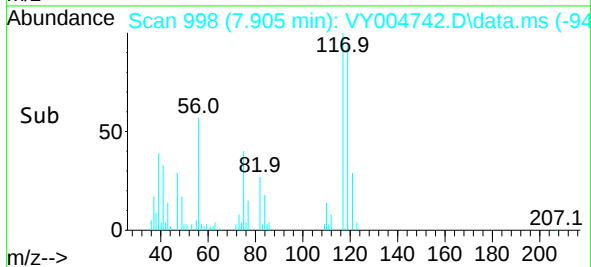
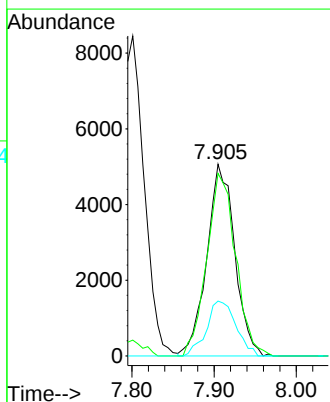
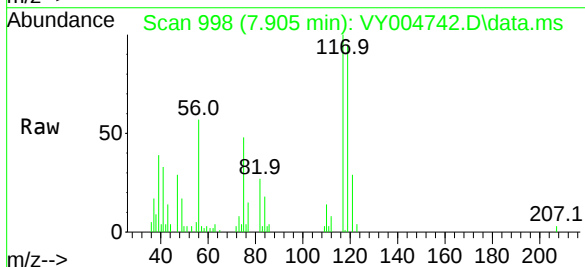
Manual Integrations
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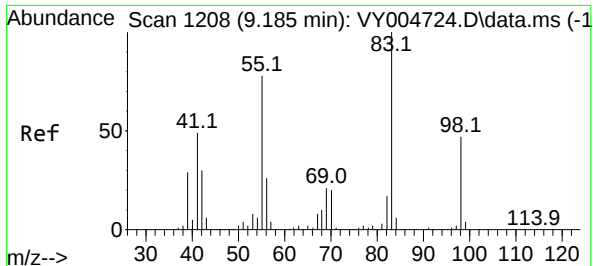
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#38
Carbon Tetrachloride
Concen: 4.38 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
121	28.6	23.0	34.6





#39

Methylcyclohexane

Concen: 4.70 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY004742.D

Acq: 11 May 2021 13:16

Tgt Ion: 83	Resp: 15565
Ion Ratio	Lower Upper
83 100	
55 72.2	62.6 94.0
98 48.3	37.8 56.6

Instrument :

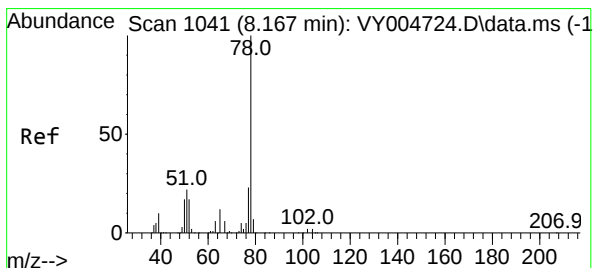
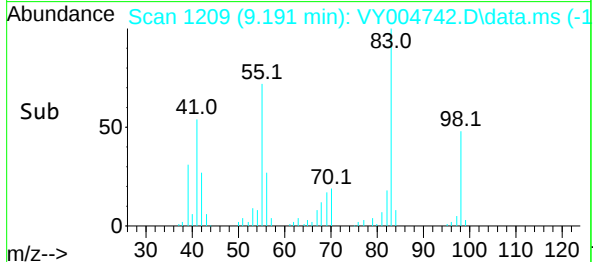
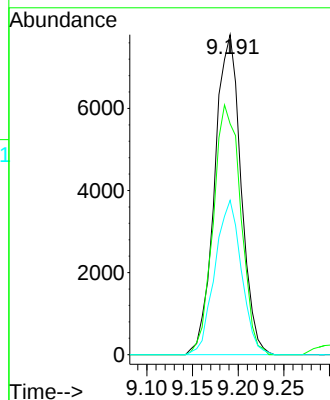
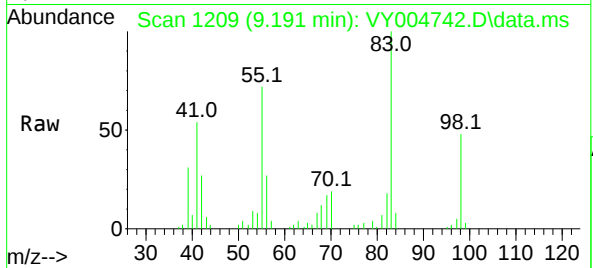
MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Manual Integrations
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#40

Benzene

Concen: 5.02 ug/l

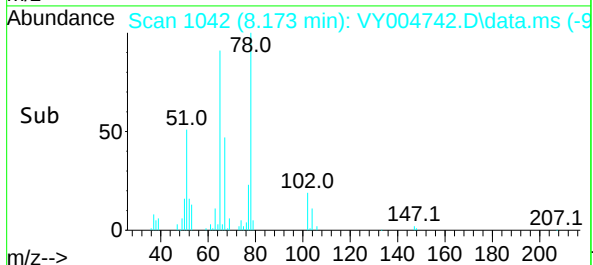
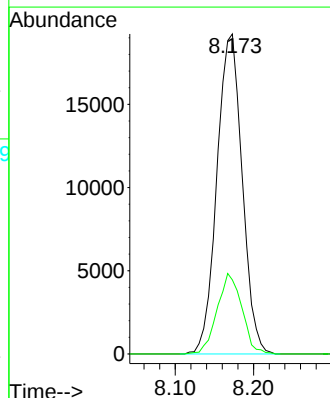
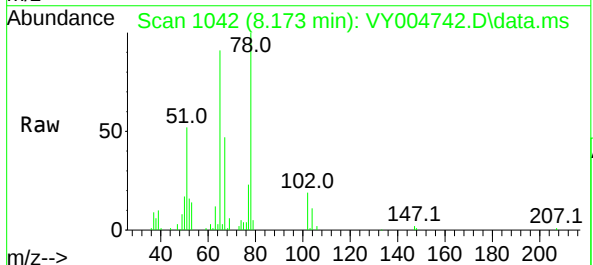
RT: 8.173 min Scan# 1042

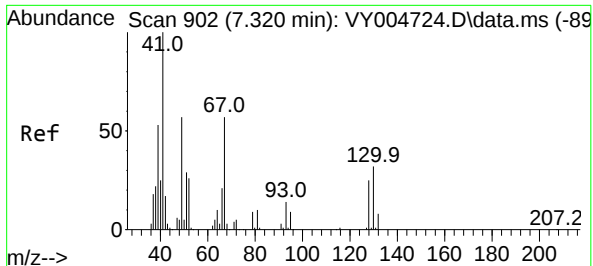
Delta R.T. 0.006 min

Lab File: VY004742.D

Acq: 11 May 2021 13:16

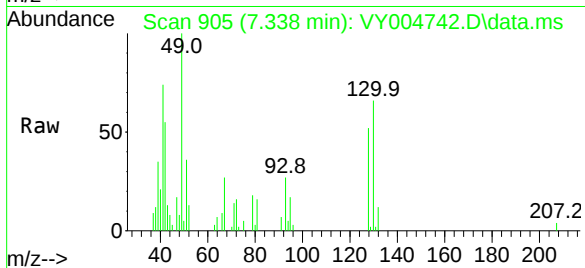
Tgt Ion: 78	Resp: 43139
Ion Ratio	Lower Upper
78 100	
77 23.2	18.4 27.6





#41
Methacrylonitrile
Concen: 5.46 ug/l m
RT: 7.338 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

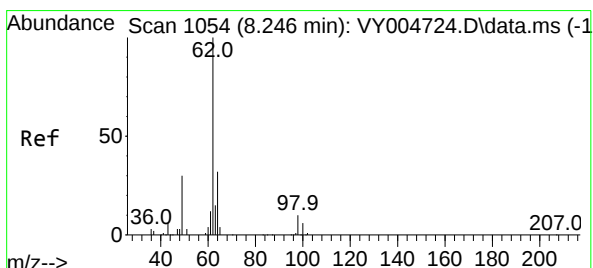
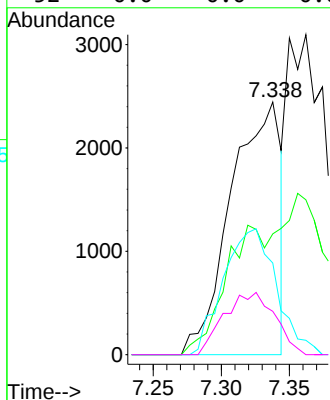
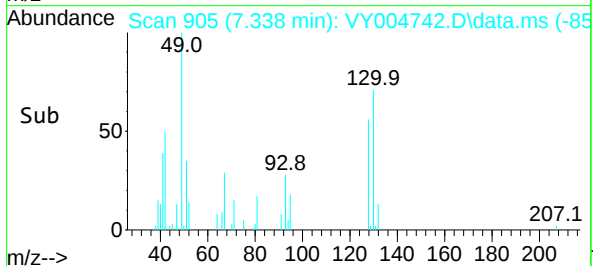
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



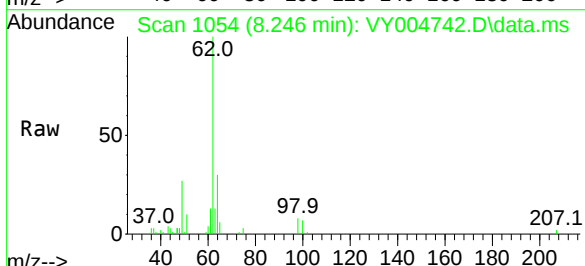
Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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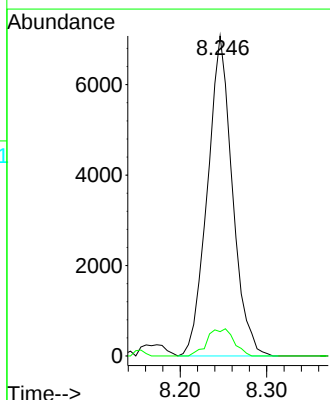
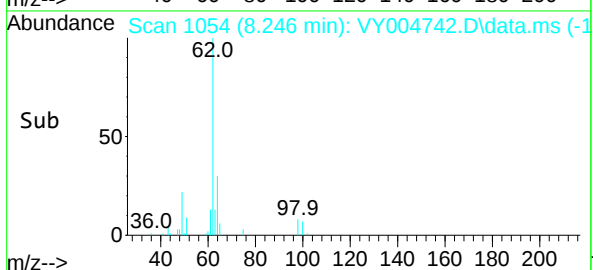
MMDadoda
5/12/2021 10:43:03 AM

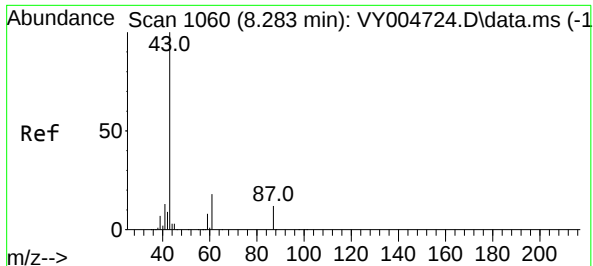


#42
1,2-Dichloroethane
Concen: 5.22 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

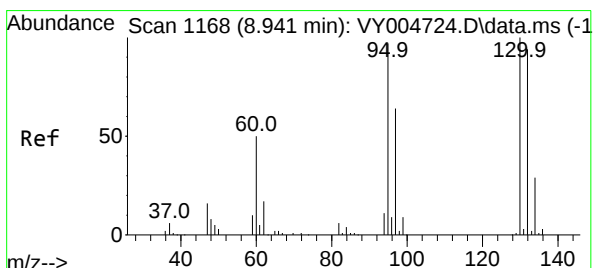
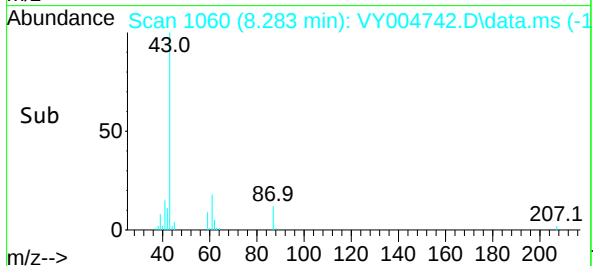
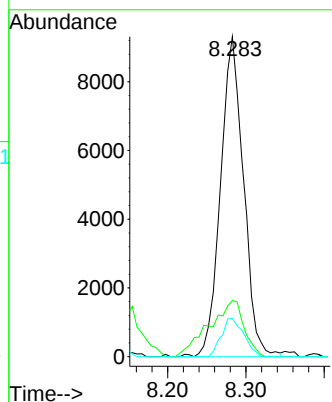
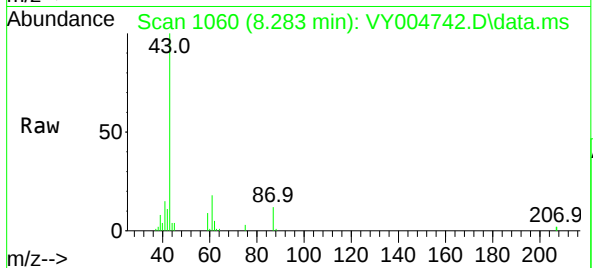
Isopropyl Acetate
Concen: 4.92 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	43	Resp:	19000
Ion Ratio	Lower	Upper	
43	100		
61	26.7	20.3	30.5
87	11.6	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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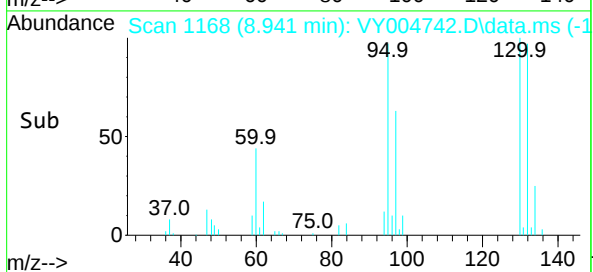
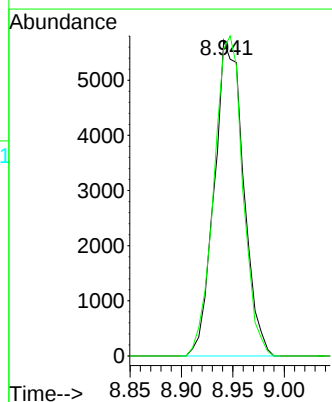
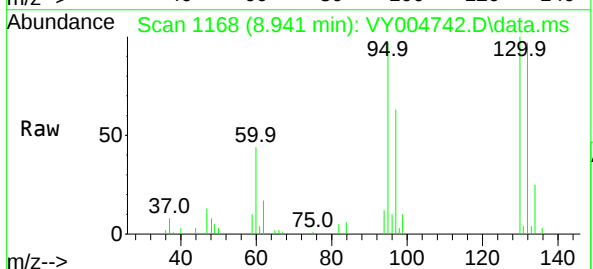
MMDadoda
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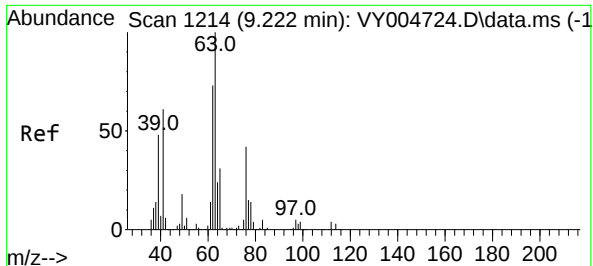


#44

Trichloroethene
Concen: 4.88 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	130	Resp:	11265
Ion Ratio	Lower	Upper	
130	100		
95	97.3	0.0	193.6





#45

1,2-Dichloropropane

Concen: 4.79 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VY004742.D

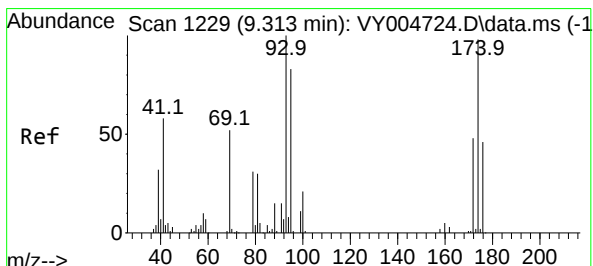
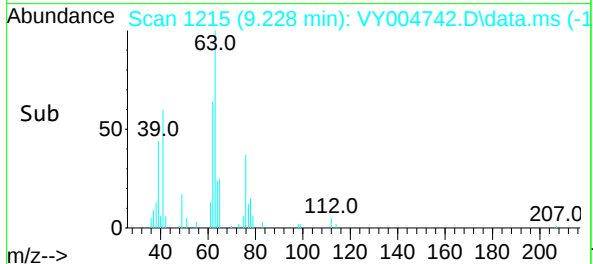
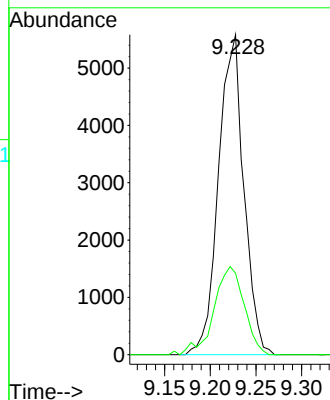
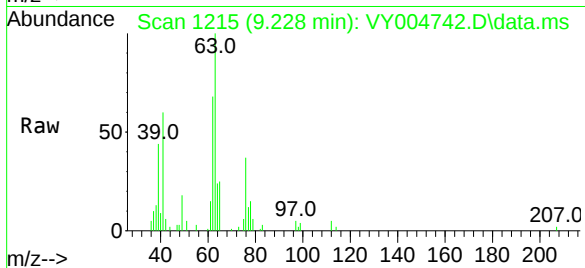
Acq: 11 May 2021 13:16

Tgt Ion: 63 Resp: 10755

Ion Ratio Lower Upper

63 100

65 25.5 25.0 37.4



#46

Dibromomethane

Concen: 4.93 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY004742.D

Acq: 11 May 2021 13:16

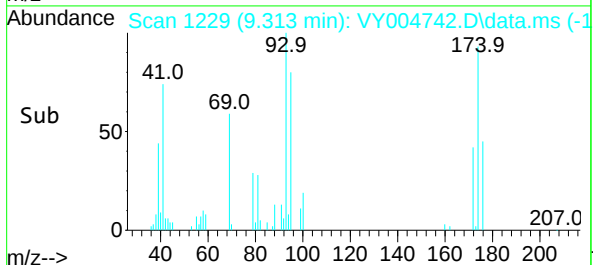
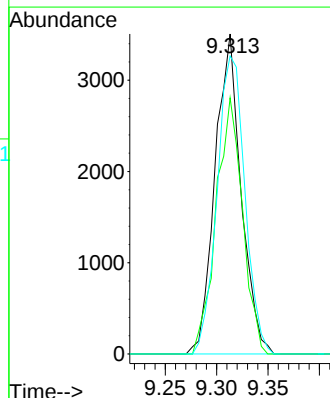
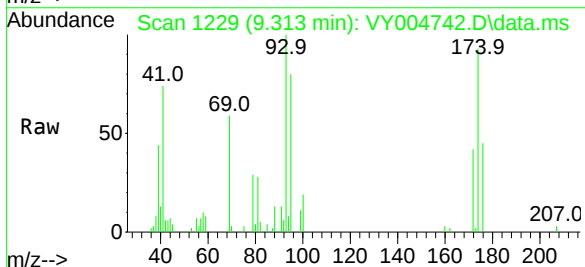
Tgt Ion: 93 Resp: 6162

Ion Ratio Lower Upper

93 100

95 81.3 66.8 100.2

174 99.8 75.9 113.9



Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Manual Integrations

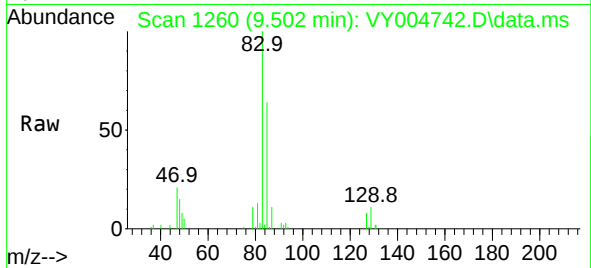
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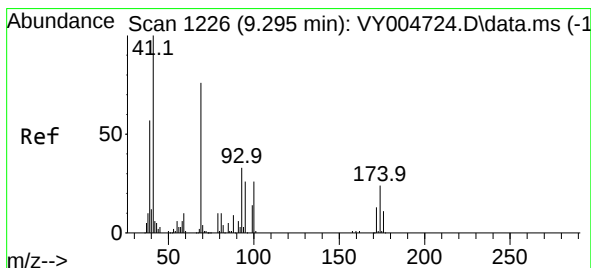
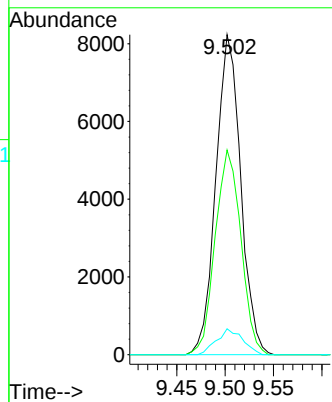
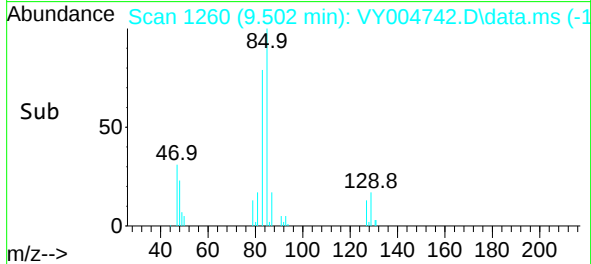
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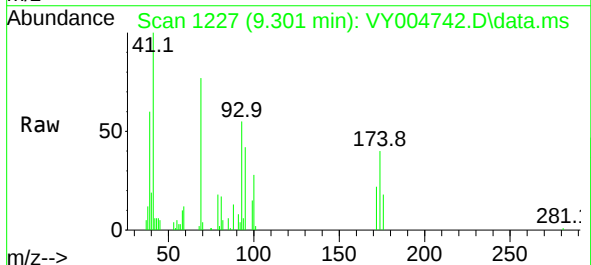
#47
Bromodichloromethane
Concen: 4.96 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



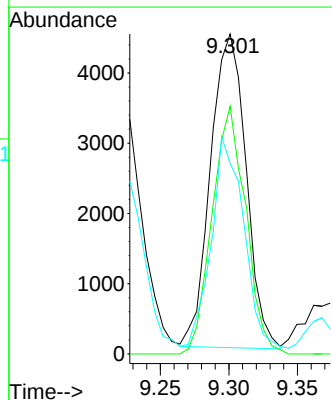
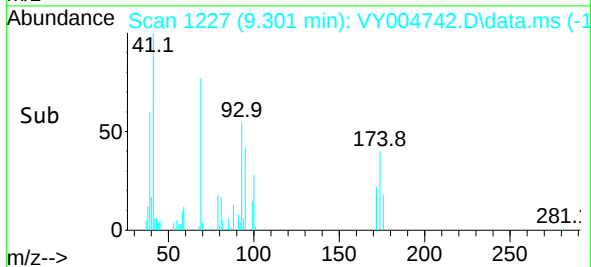
Tgt Ion: 83 Resp: 14691
Ion Ratio Lower Upper
83 100
85 64.0 50.4 75.6
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 4.58 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



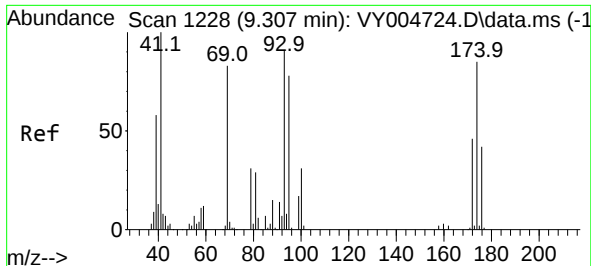
Tgt Ion: 41 Resp: 8048
Ion Ratio Lower Upper
41 100
69 74.6 62.0 93.0
39 62.2 48.4 72.6



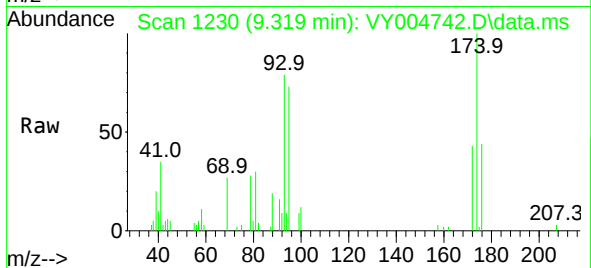
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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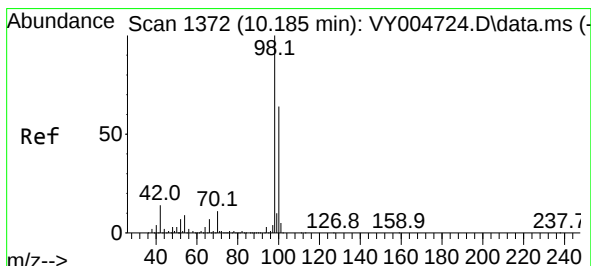
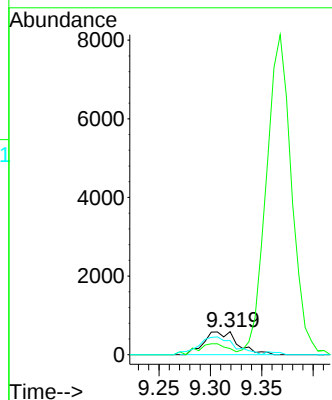
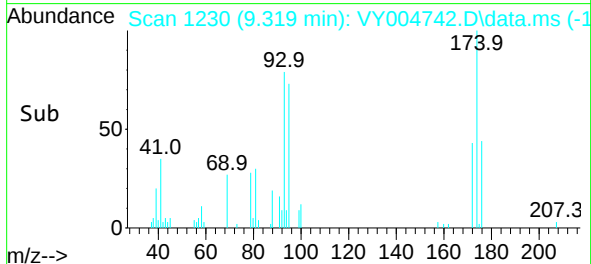
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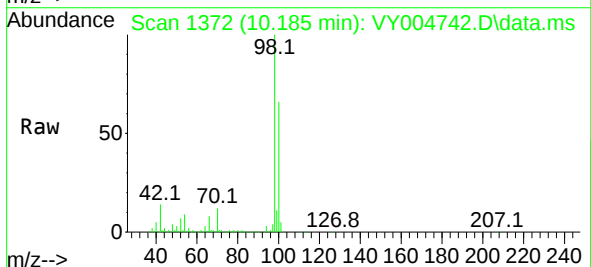
#49
1,4-Dioxane
Concen: 90.94 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



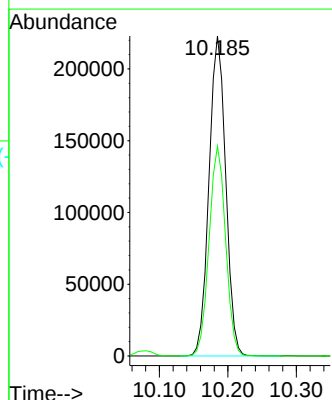
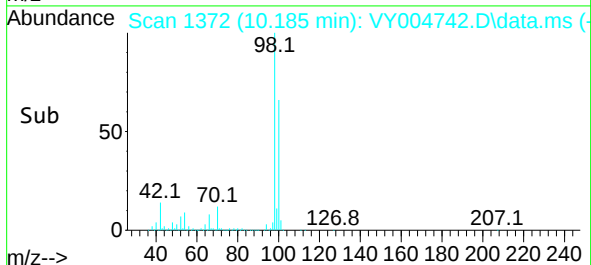
Tgt Ion: 88 Resp: 1338
Ion Ratio Lower Upper
88 100
43 43.0 32.1 48.1
58 81.9 64.2 96.4



#50
Toluene-d8
Concen: 51.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



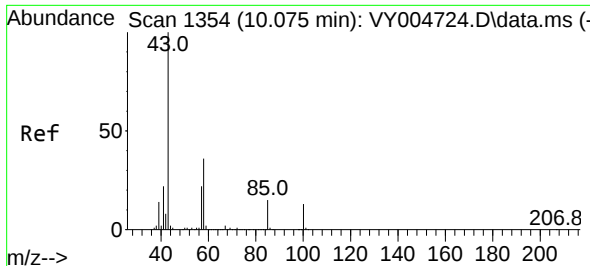
Tgt Ion: 98 Resp: 378047
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

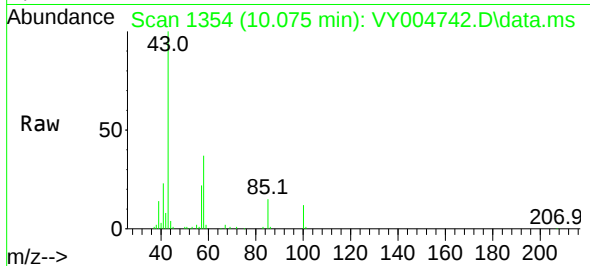
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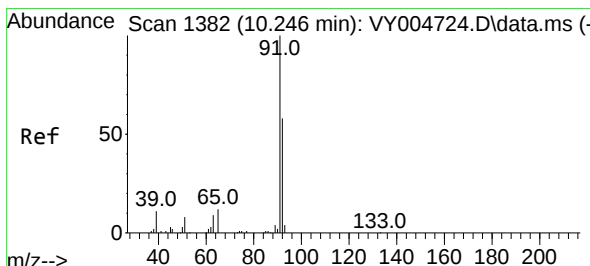
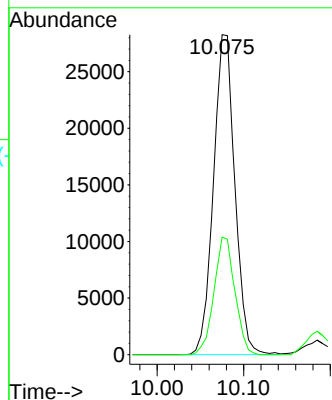
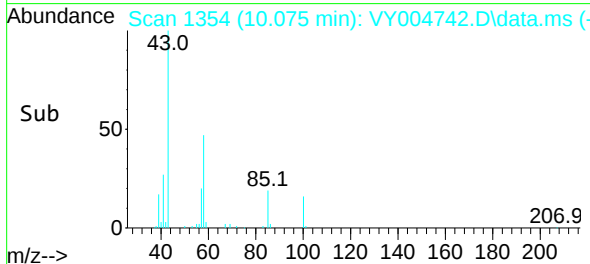


#51
4-Methyl-2-Pentanone
Concen: 23.37 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

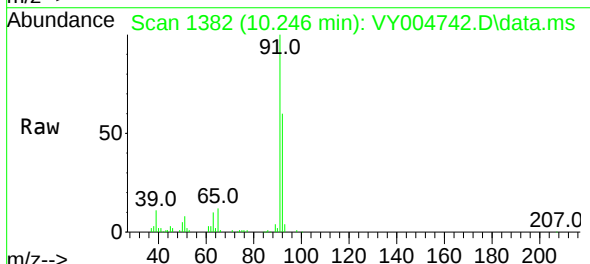
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



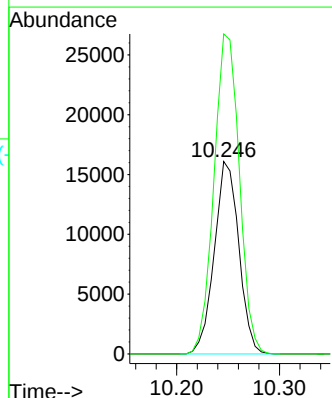
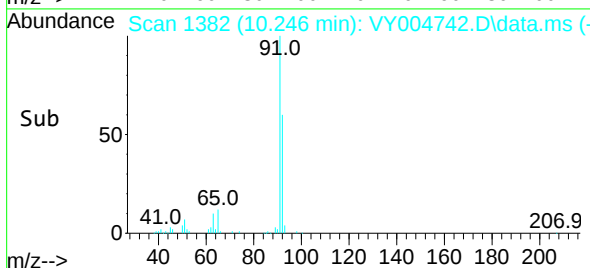
Tgt Ion: 43 Resp: 48587
Ion Ratio Lower Upper
43 100
58 35.8 28.7 43.1

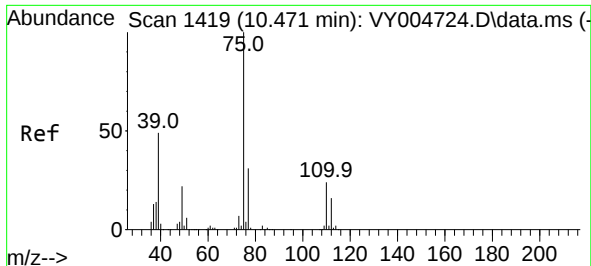


#52
Toluene
Concen: 4.91 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion: 92 Resp: 26643
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.4





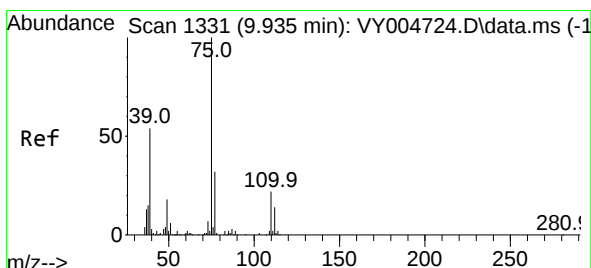
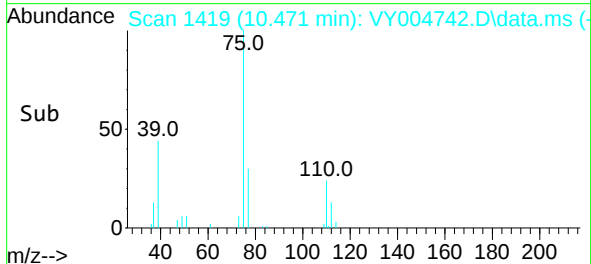
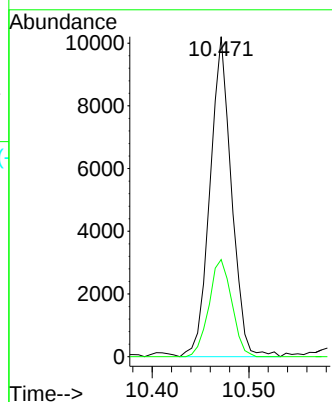
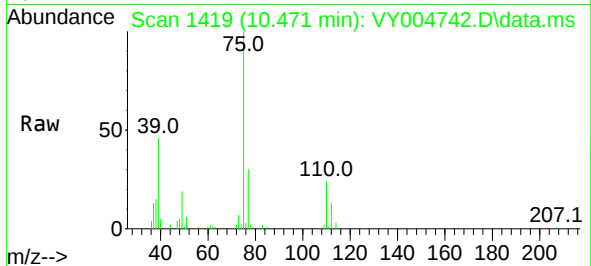
#53
t-1,3-Dichloropropene
Concen: 4.80 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 75 Resp: 15772
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

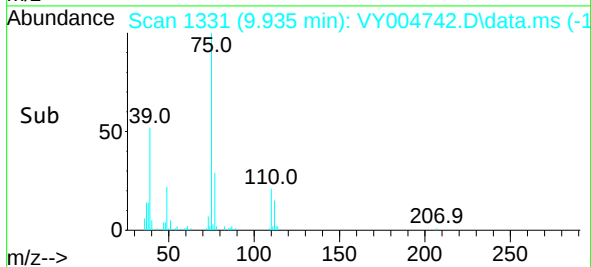
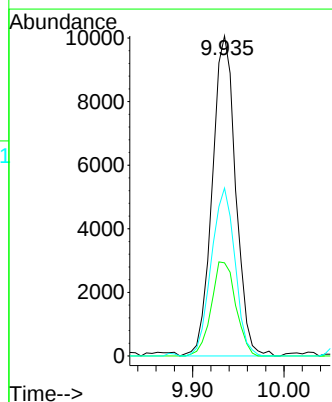
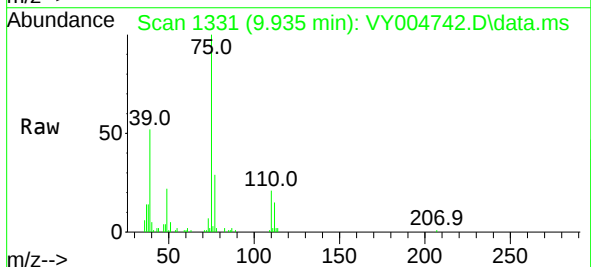
Manual Integrations
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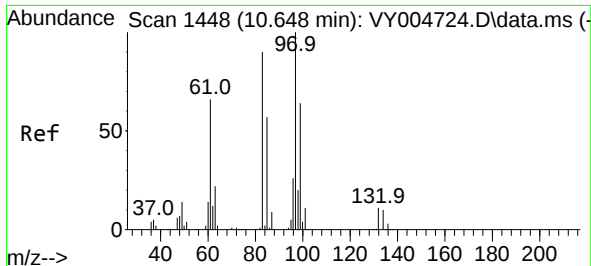
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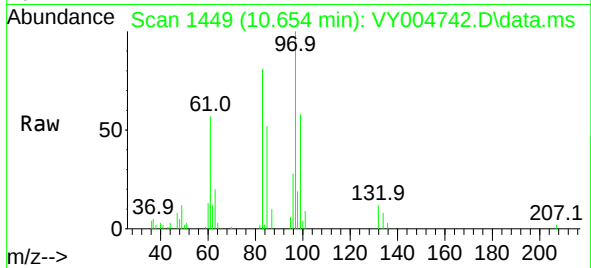
#54
cis-1,3-Dichloropropene
Concen: 4.89 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 75 Resp: 17876
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.0
39 52.4 43.2 64.8

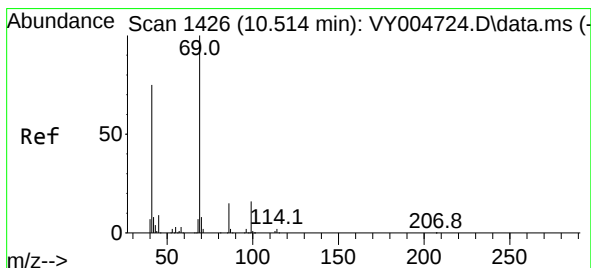
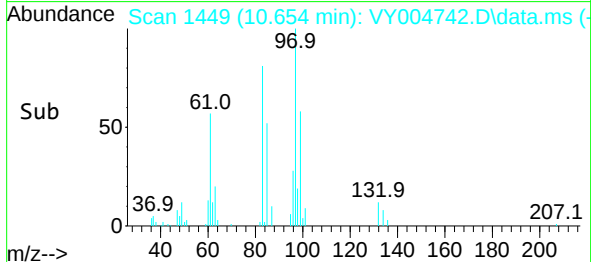
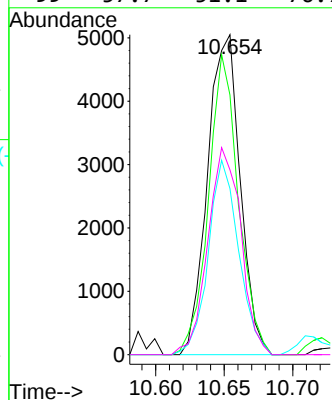




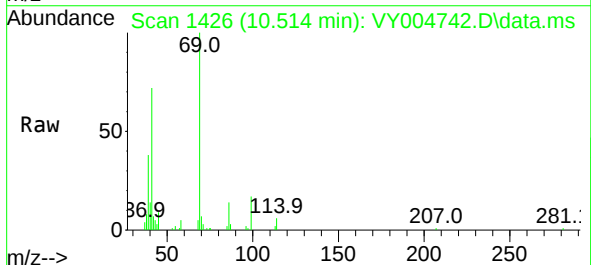
#55
1,1,2-Trichloroethane
Concen: 4.86 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



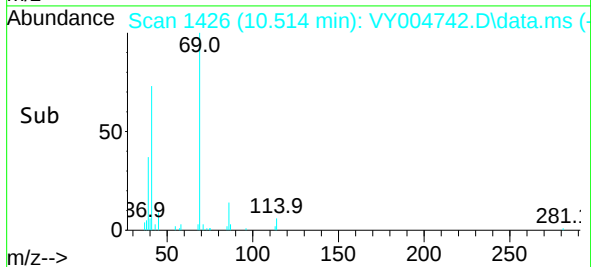
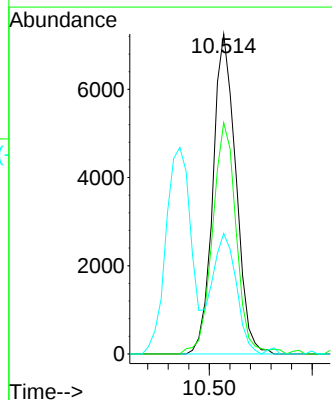
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	71.9	107.9
85	51.9	45.8	68.6
99	57.7	51.1	76.7



#56
Ethyl methacrylate
Concen: 4.50 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



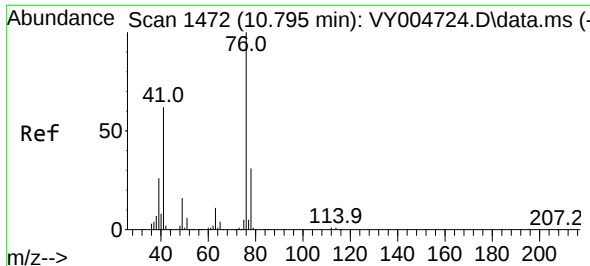
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.2	90.4
39	37.7	33.5	50.3



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

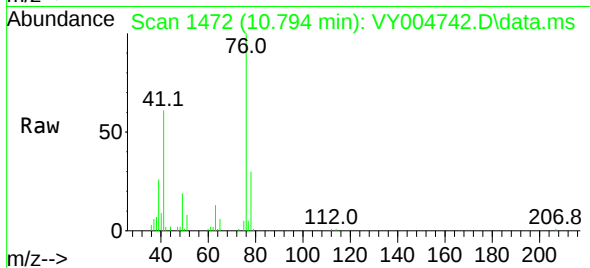
Manual Integrations
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#57
1,3-Dichloropropane
Concen: 4.88 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

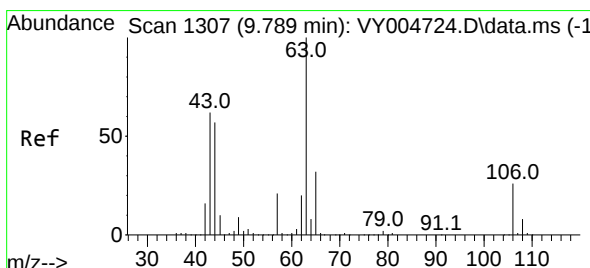
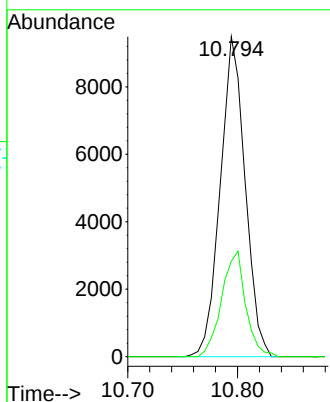
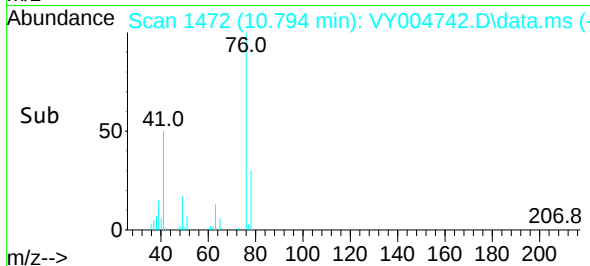
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ClientSampleId :
LOQ-SOIL-02-QT2-2021



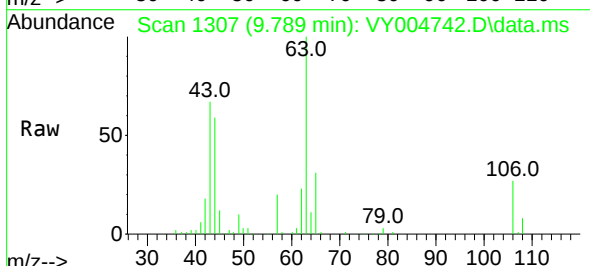
Tgt Ion: 76 Resp: 14926
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3

Manual Integrations
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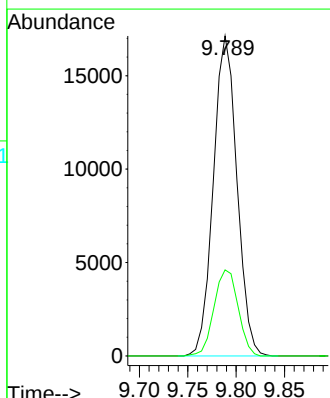
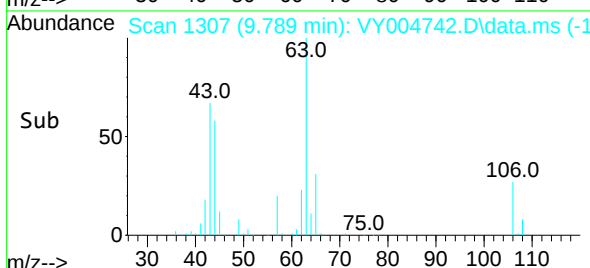
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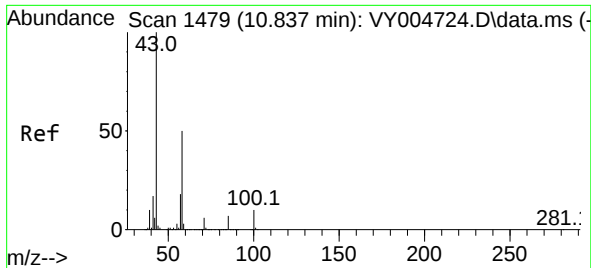


#58
2-Chloroethyl Vinyl ether
Concen: 22.61 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion: 63 Resp: 29022
Ion Ratio Lower Upper
63 100
106 27.5 20.9 31.3





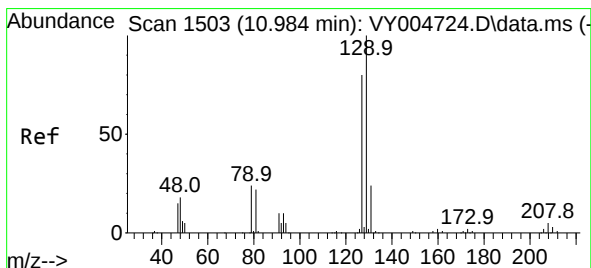
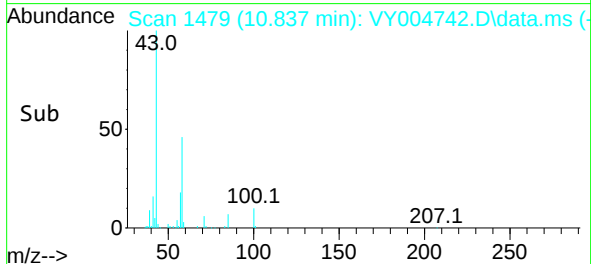
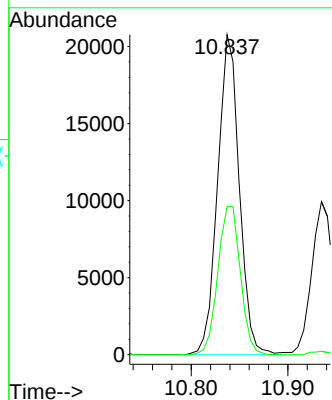
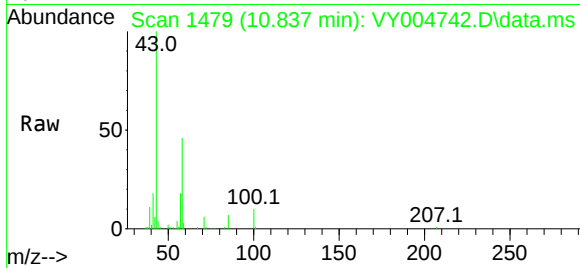
#59
2-Hexanone
Concen: 22.88 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 43 Resp: 32241
Ion Ratio Lower Upper
43 100
58 48.2 24.9 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

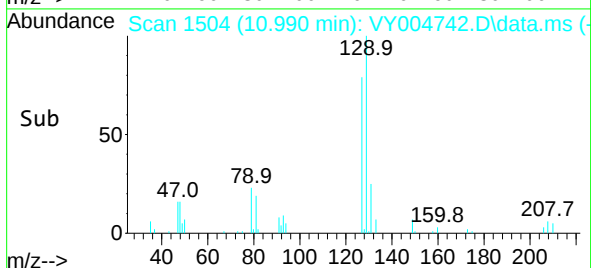
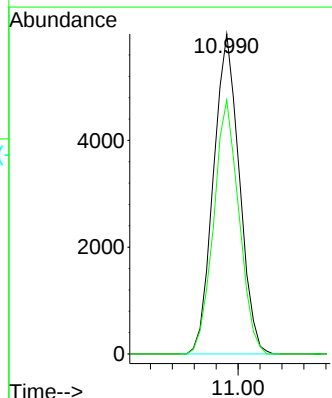
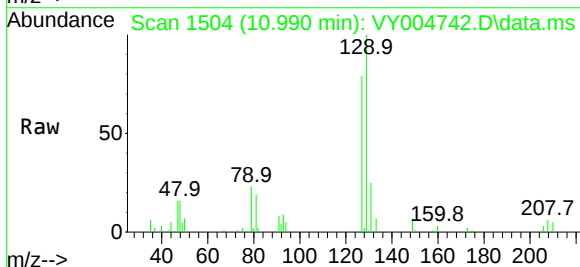
Manual Integrations
APPROVED

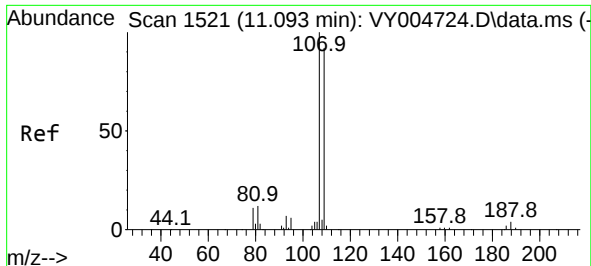
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5/12/2021 10:43:03 AM



#60
Dibromochloromethane
Concen: 4.80 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

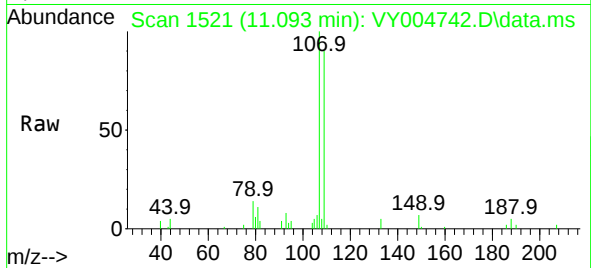
Tgt Ion: 129 Resp: 9812
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1





#61
1,2-Dibromoethane
Concen: 4.84 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

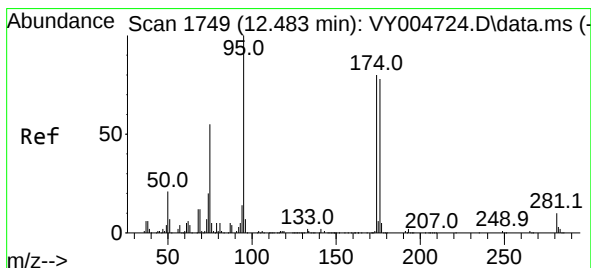
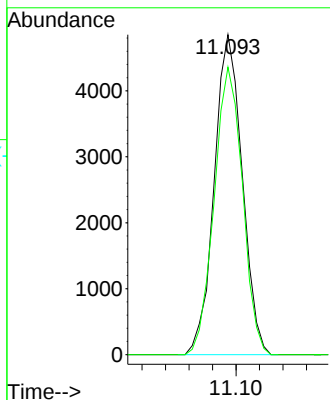
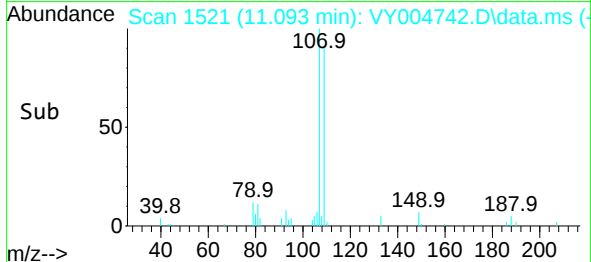
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



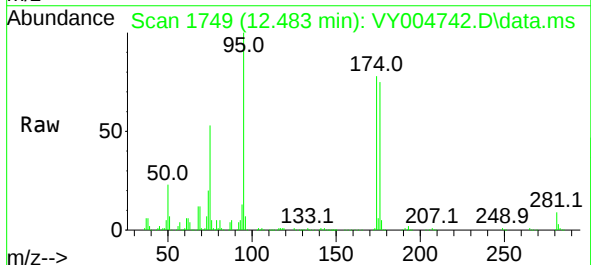
Tgt Ion:107 Resp: 8032
Ion Ratio Lower Upper
107 100
109 90.7 73.8 110.6

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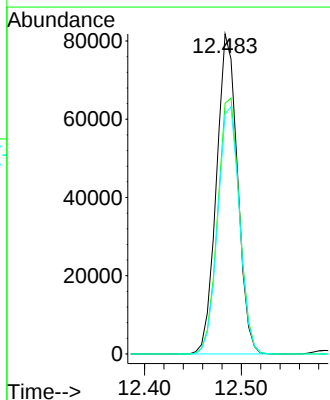
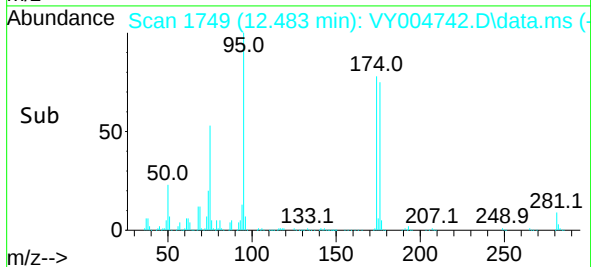
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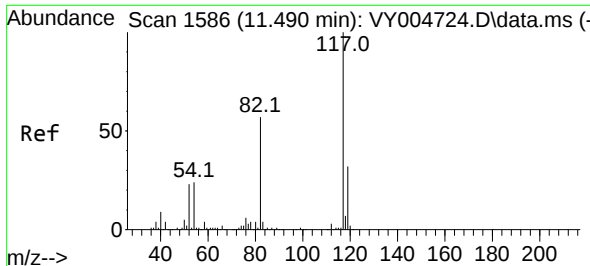


#62
4-Bromofluorobenzene
Concen: 49.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



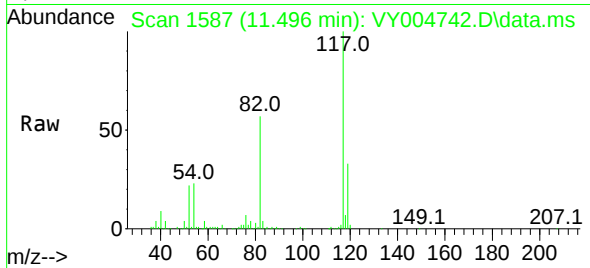
Tgt Ion: 95 Resp: 123369
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.2
176 79.5 0.0 159.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

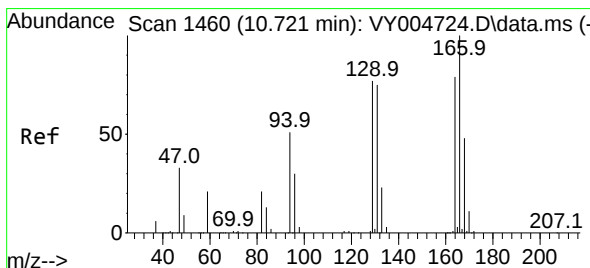
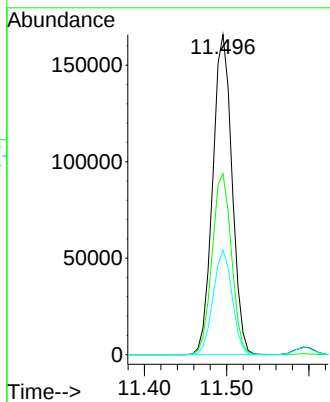
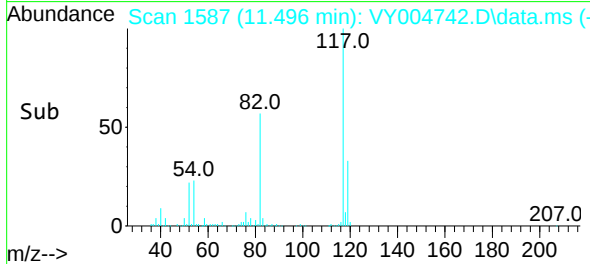
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



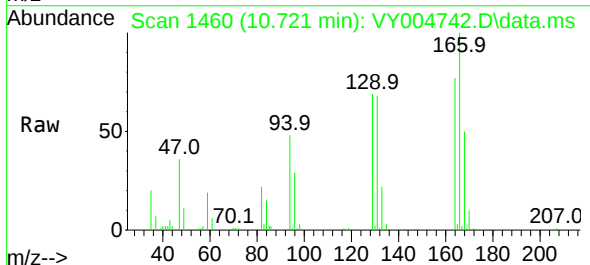
Tgt Ion:117 Resp: 270377
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.6 25.8 38.6

Manual Integrations
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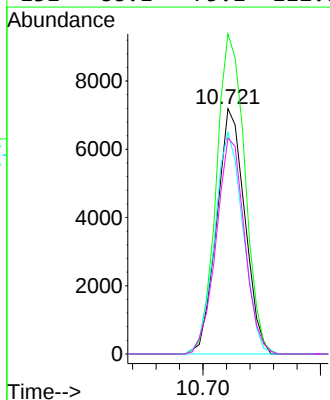
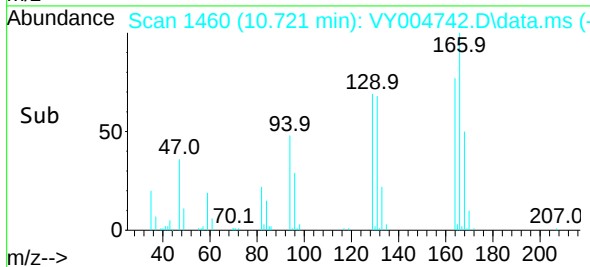
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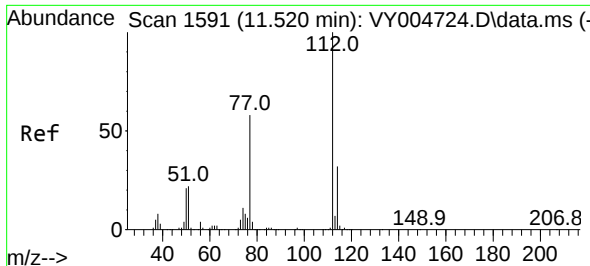


#64
Tetrachloroethene
Concen: 4.90 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



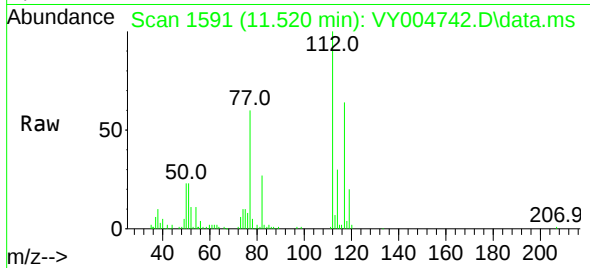
Tgt Ion:164 Resp: 11963
Ion Ratio Lower Upper
164 100
166 130.5 100.8 151.2
129 90.3 77.5 116.3
131 88.1 75.1 112.7





#65
Chlorobenzene
Concen: 5.08 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

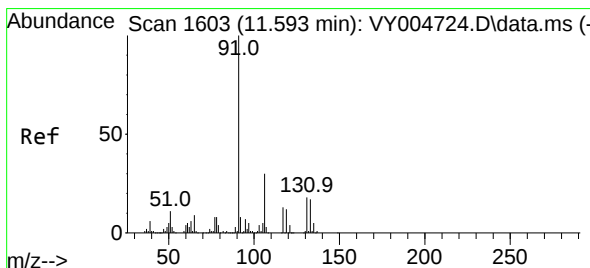
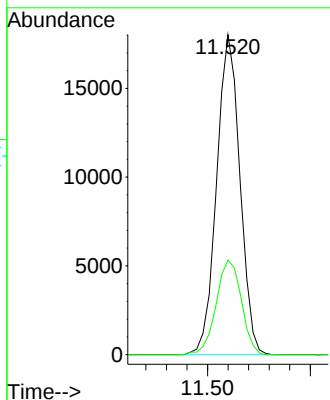
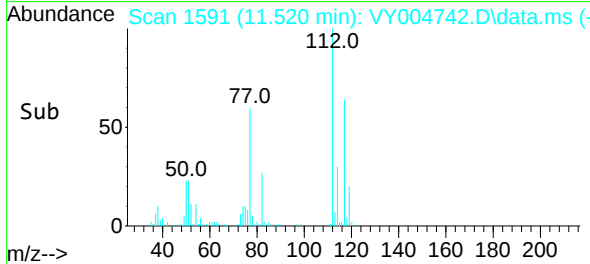
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



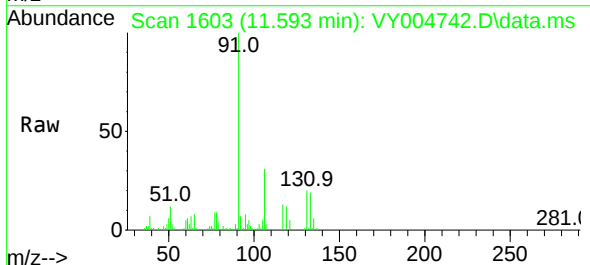
Tgt Ion:112 Resp: 28277
Ion Ratio Lower Upper
112 100
114 29.6 25.4 38.2

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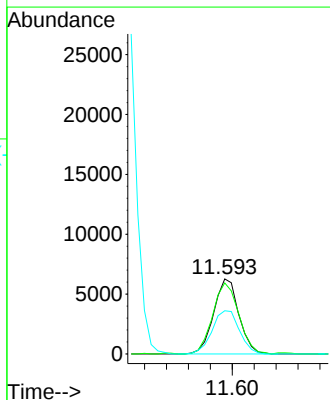
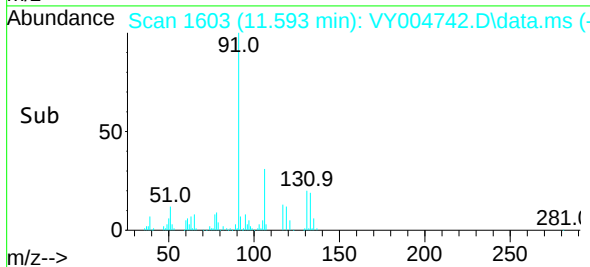
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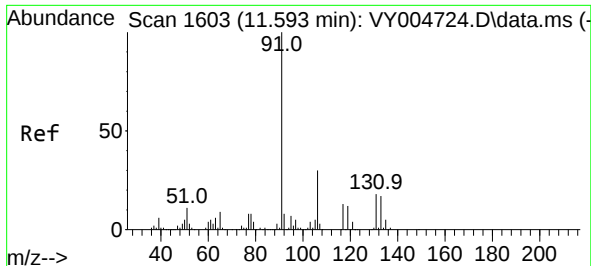


#66
1,1,1,2-Tetrachloroethane
Concen: 4.91 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion:131 Resp: 9936
Ion Ratio Lower Upper
131 100
133 98.8 47.9 143.7
119 62.6 32.8 98.4





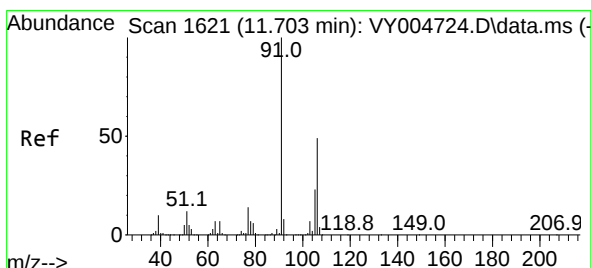
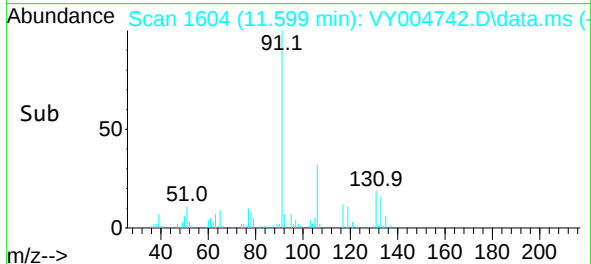
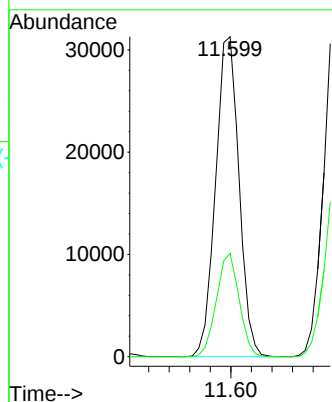
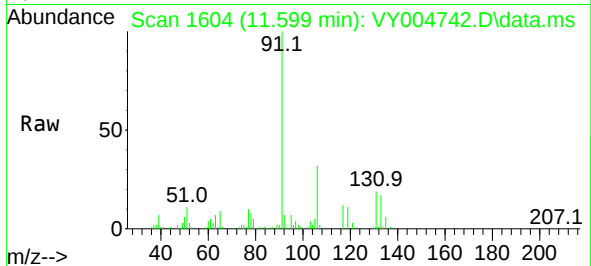
#67
Ethyl Benzene
Concen: 4.78 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 91 Resp: 49373
Ion Ratio Lower Upper
91 100
106 32.2 24.0 36.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

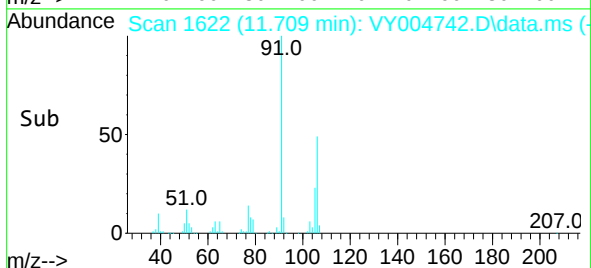
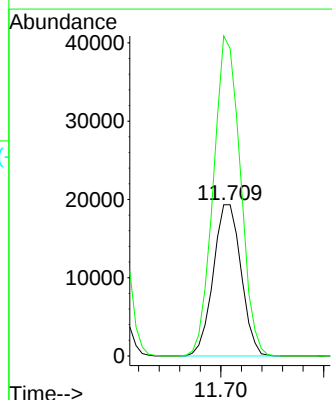
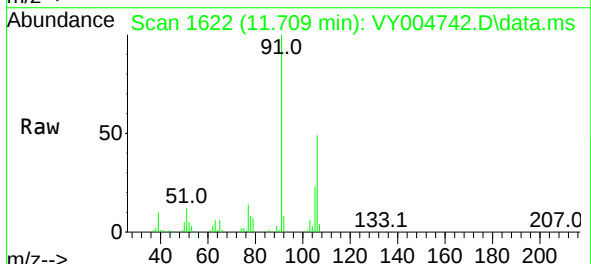
Manual Integrations
APPROVED

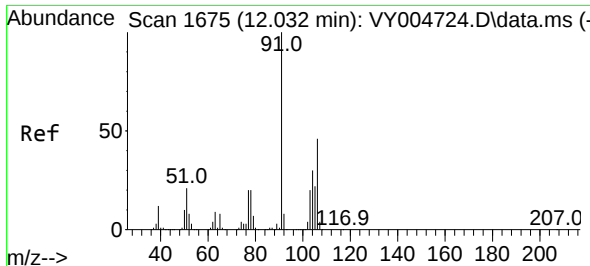
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#68
m/p-Xylenes
Concen: 9.35 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 106 Resp: 36310
Ion Ratio Lower Upper
106 100
91 205.3 163.6 245.4





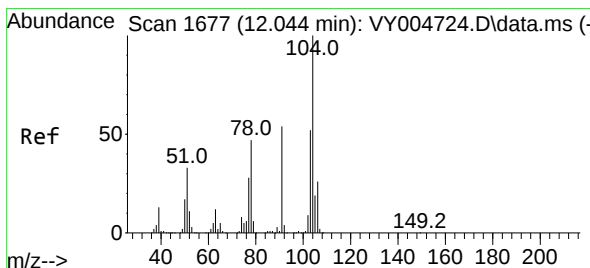
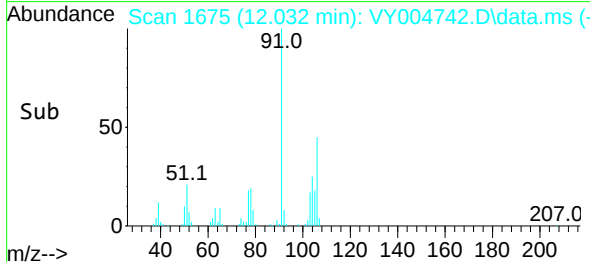
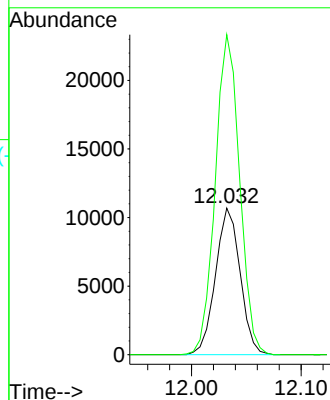
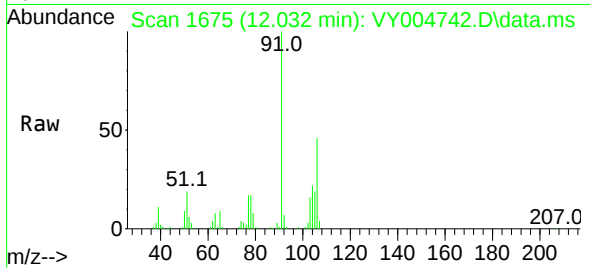
#69
o-Xylene
Concen: 4.60 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:106 Resp: 16706
Ion Ratio Lower Upper
106 100
91 215.9 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

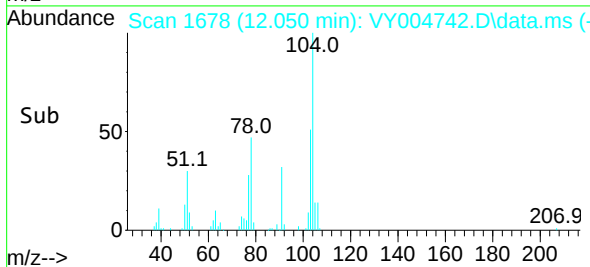
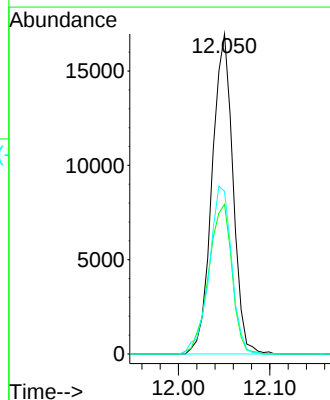
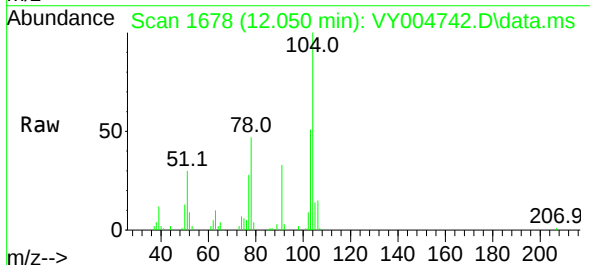
Manual Integrations
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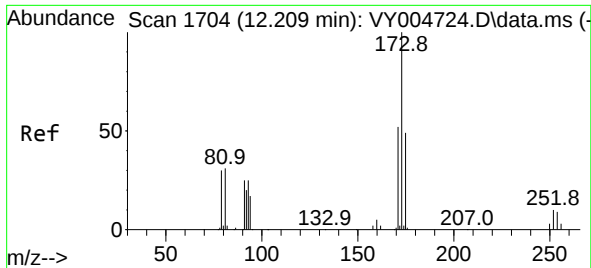
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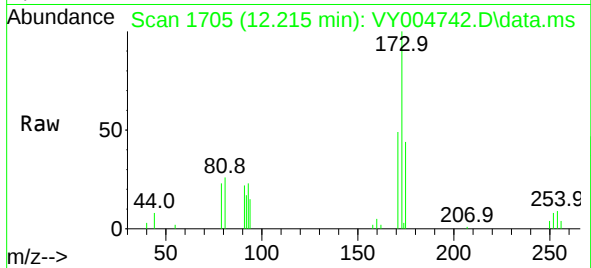
#70
Styrene
Concen: 4.42 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:104 Resp: 26916
Ion Ratio Lower Upper
104 100
78 52.2 40.3 60.5
103 56.3 44.2 66.4

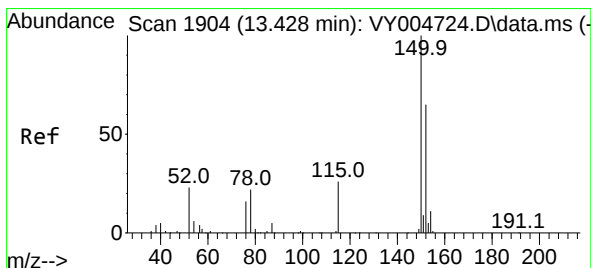
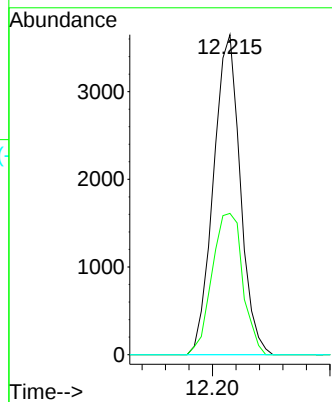
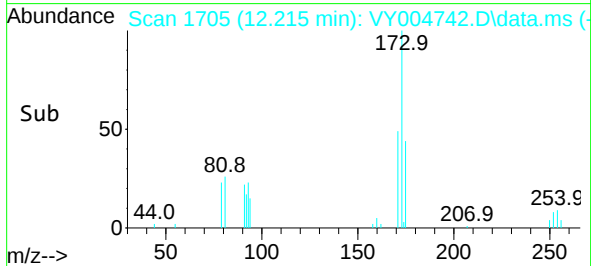




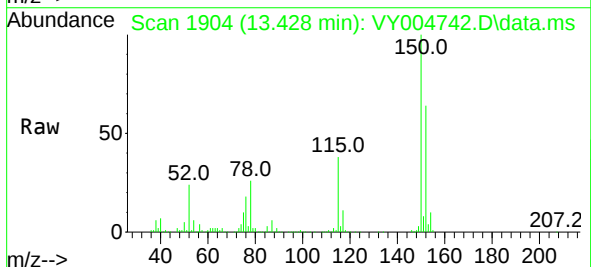
#71
Bromoform
Concen: 4.71 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



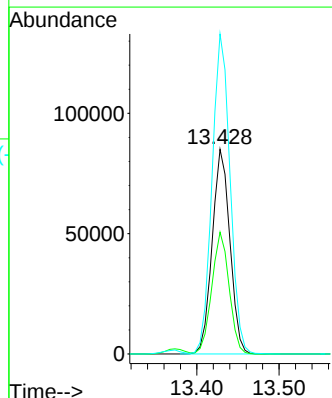
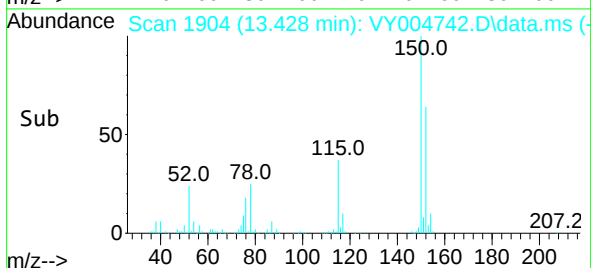
Tgt Ion:173 Resp: 5776
Ion Ratio Lower Upper
173 100
175 50.5 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



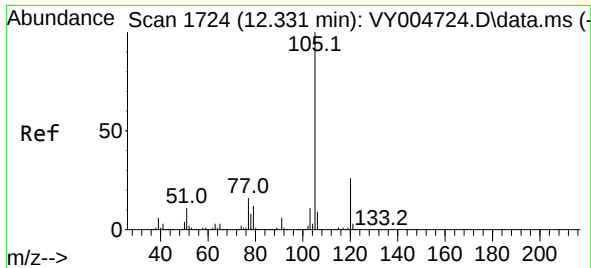
Tgt Ion:152 Resp: 126968
Ion Ratio Lower Upper
152 100
115 58.1 29.4 88.3
150 158.8 0.0 349.8



Instrument :
MSVOA_Y
ClientSampleId :
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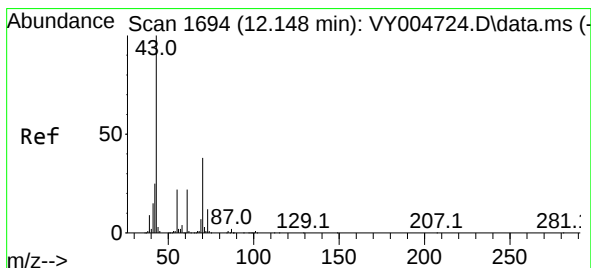
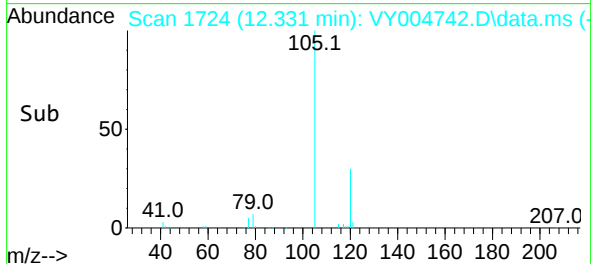
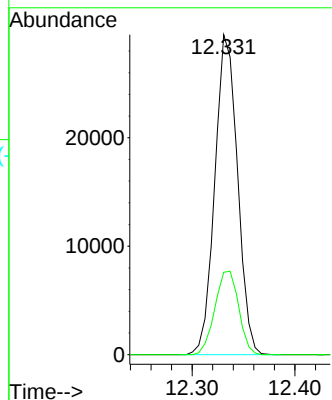
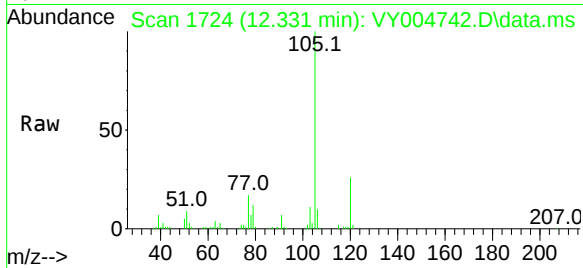
#73
Isopropylbenzene
Concen: 4.72 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 105 Resp: 45172
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

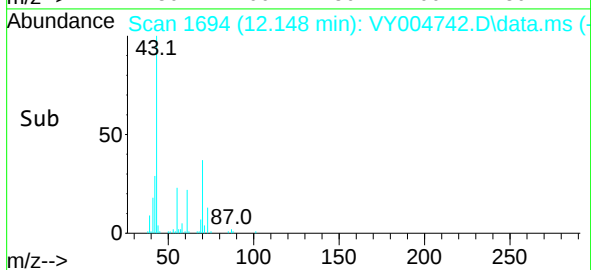
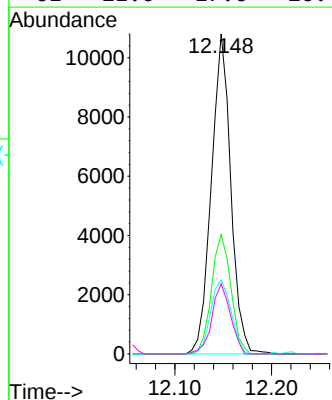
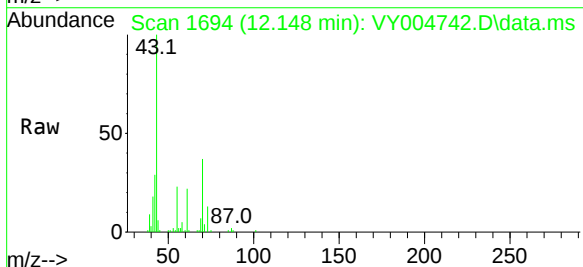
Manual Integrations
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#74
N-ethyl acetate
Concen: 4.46 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

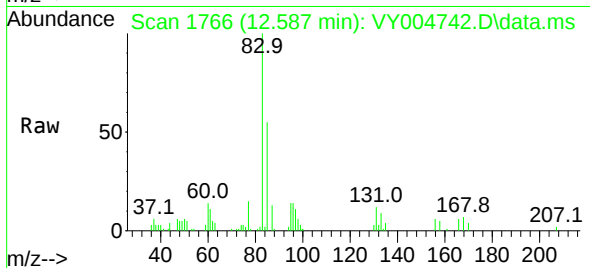
Tgt Ion: 43 Resp: 15108
Ion Ratio Lower Upper
43 100
70 37.0 30.2 45.2
55 24.4 17.8 26.8
61 21.0 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 5.01 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

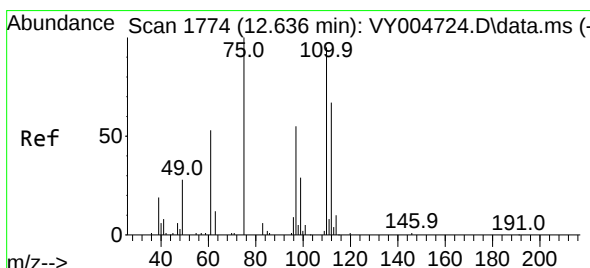
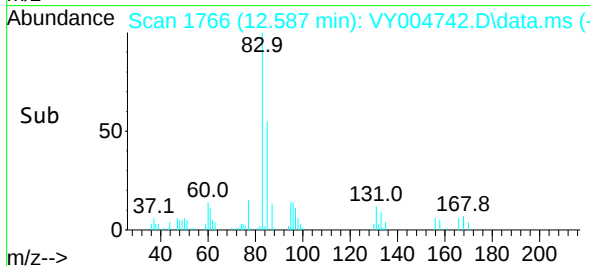
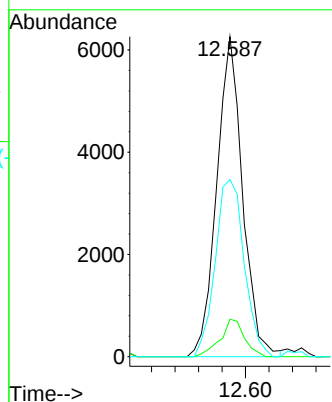
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.0	14.9
85	61.9	32.1	96.5

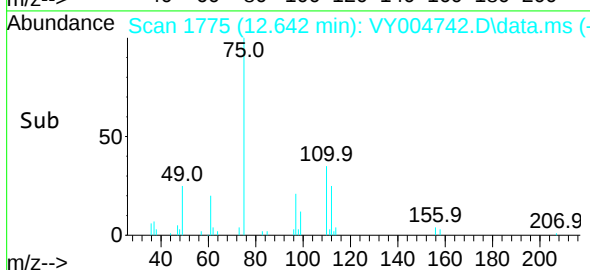
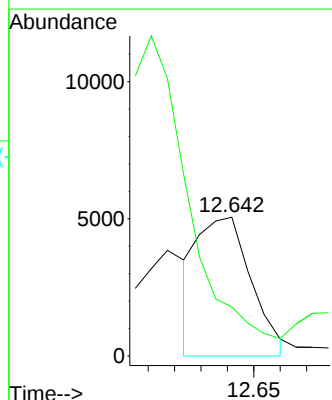
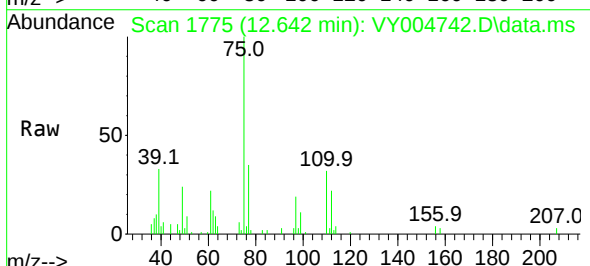
Manual Integrations
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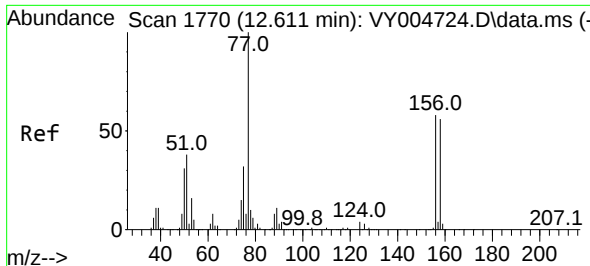
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#76
1,2,3-Trichloropropane
Concen: 5.32 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





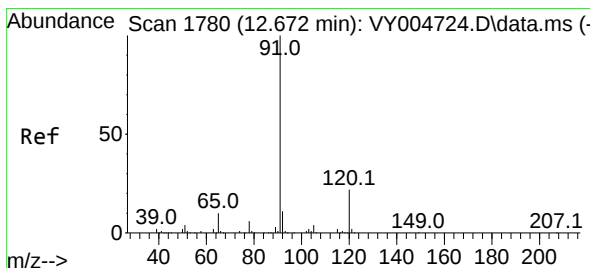
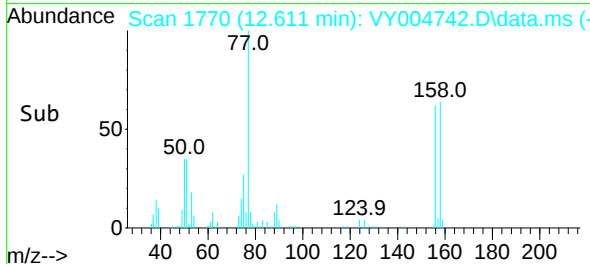
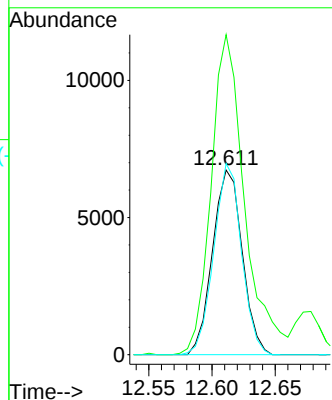
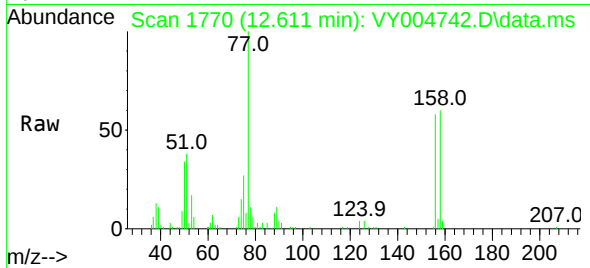
#77
Bromobenzene
Concen: 5.08 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion	Ratio	Lower	Upper
156	100		
77	195.2	100.6	301.9
158	96.7	48.8	146.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

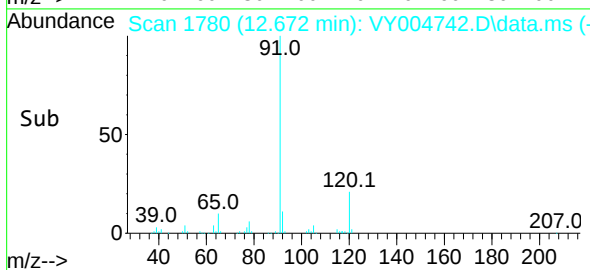
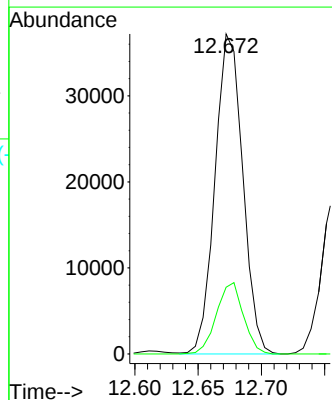
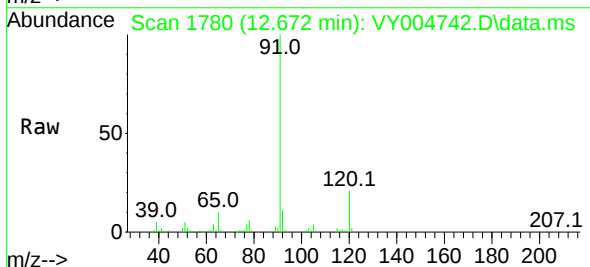
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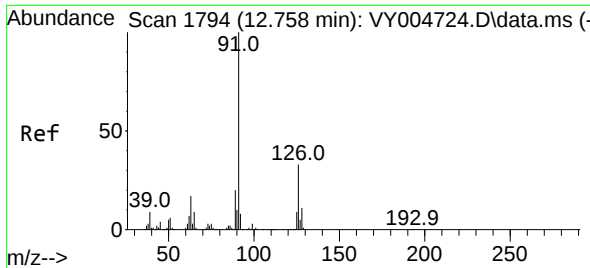
MMDadoda
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#78
n-propylbenzene
Concen: 4.85 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.1	33.3





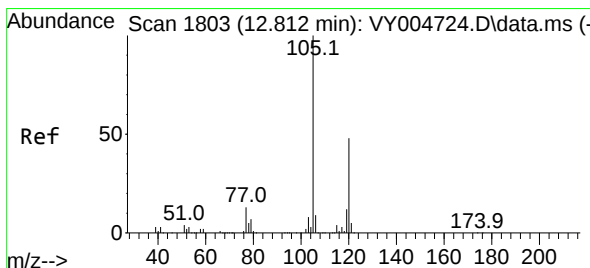
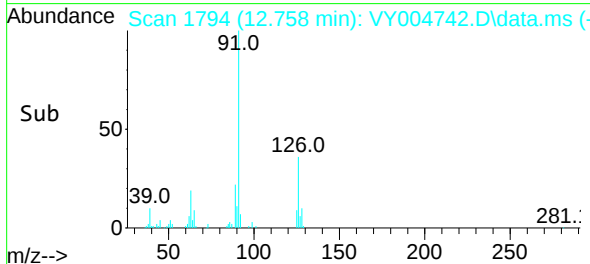
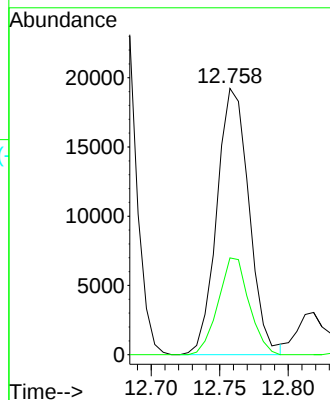
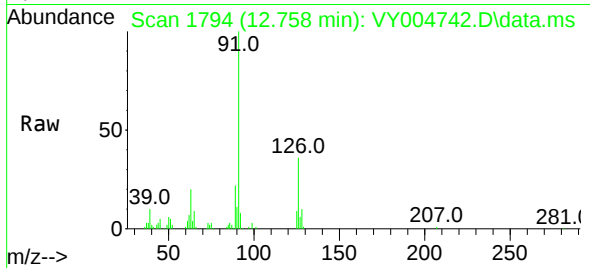
#79
2-Chlorotoluene
Concen: 4.90 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion: 91 Resp: 31436
Ion Ratio Lower Upper
91 100
126 34.9 16.8 50.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

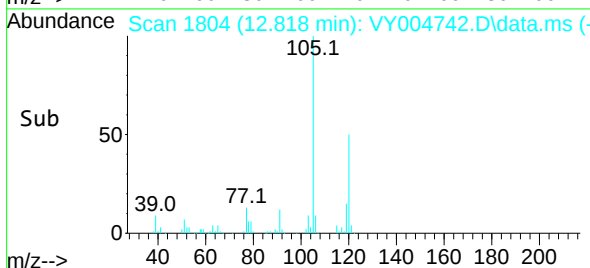
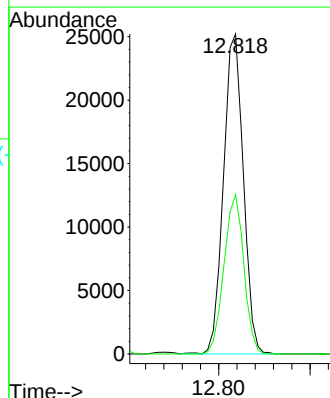
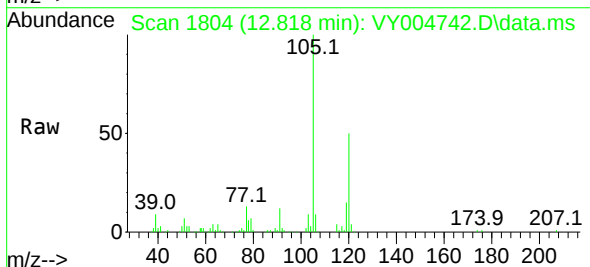
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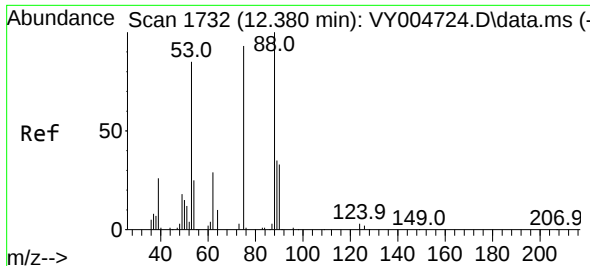
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#80
1,3,5-Trimethylbenzene
Concen: 4.79 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

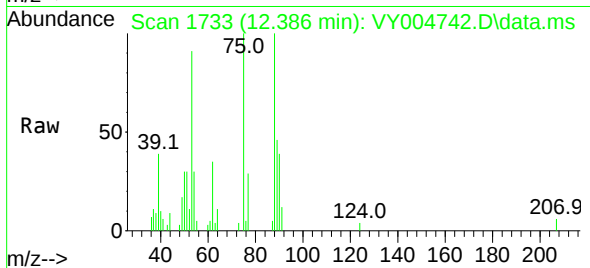
Tgt Ion: 105 Resp: 38132
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.54 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

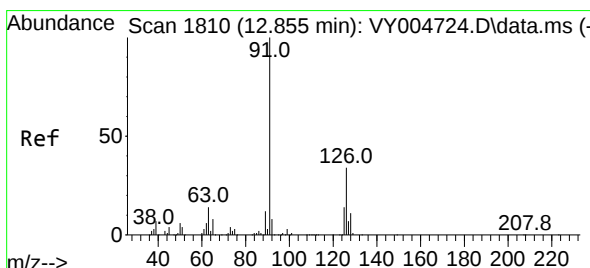
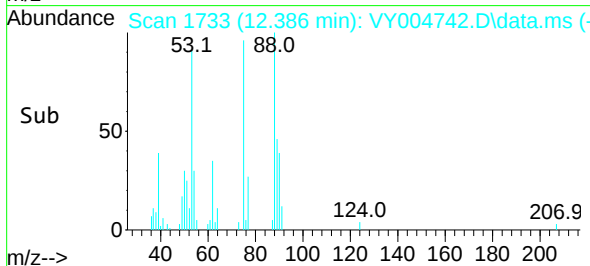
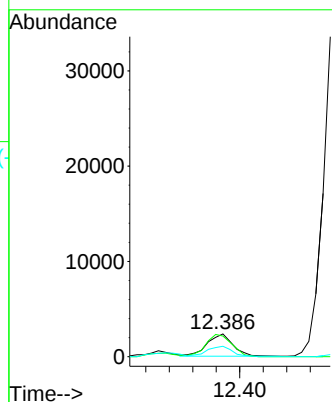
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.2	73.9	110.9
89	46.8	35.5	53.3

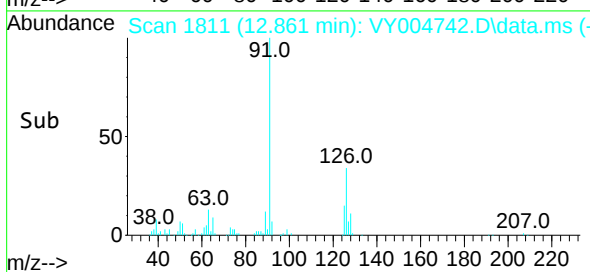
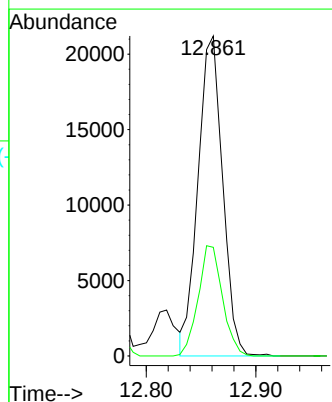
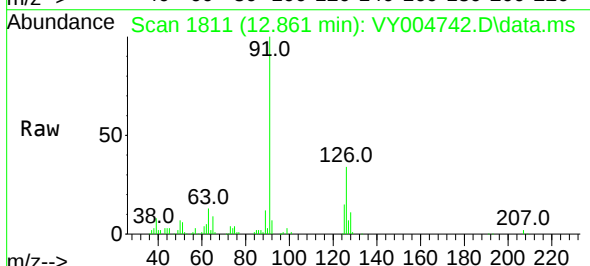
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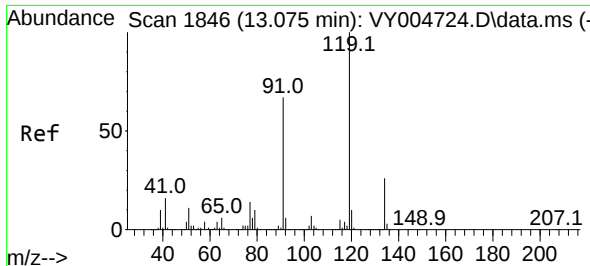
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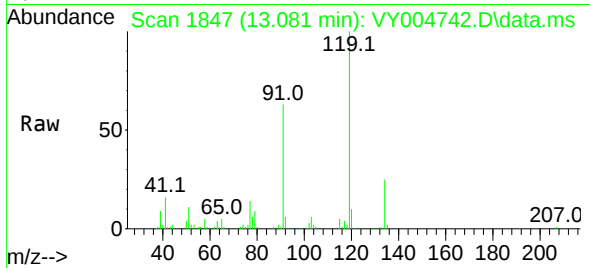
#82
4-Chlorotoluene
Concen: 4.97 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.8	50.3

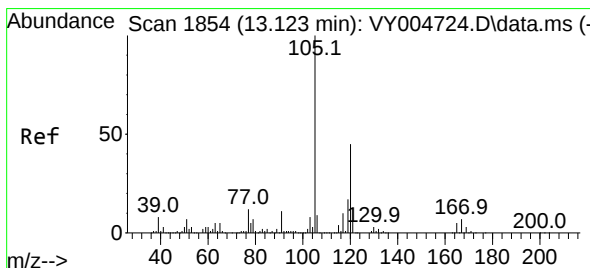
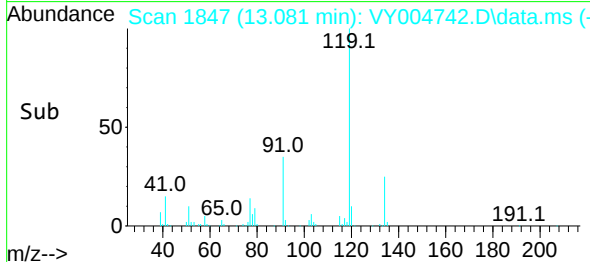
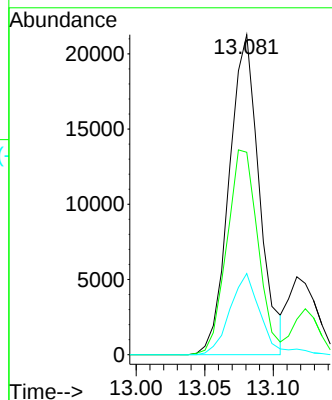




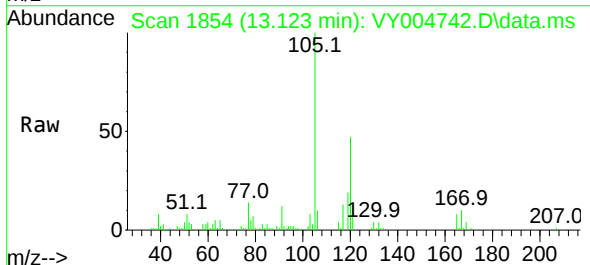
#83
tert-Butylbenzene
Concen: 4.80 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



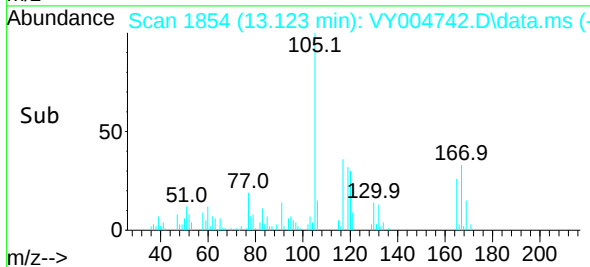
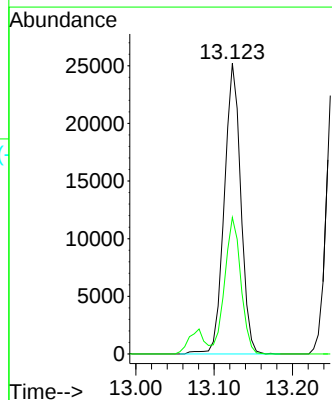
Tgt Ion:119 Resp: 32626
Ion Ratio Lower Upper
119 100
91 66.0 32.3 96.8
134 26.0 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 4.63 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



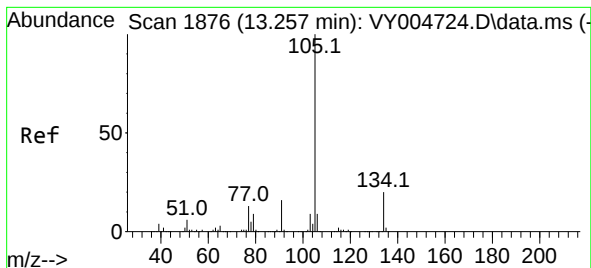
Tgt Ion:105 Resp: 36880
Ion Ratio Lower Upper
105 100
120 46.3 22.5 67.5



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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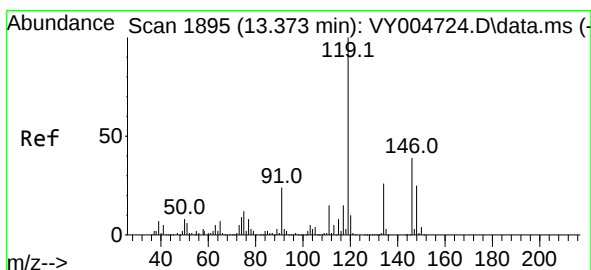
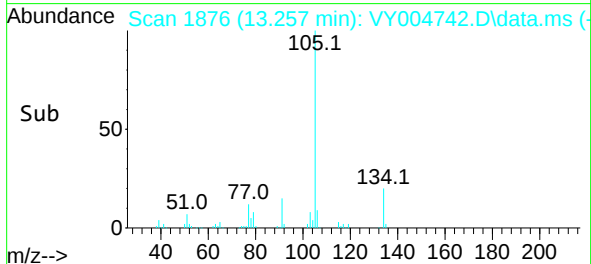
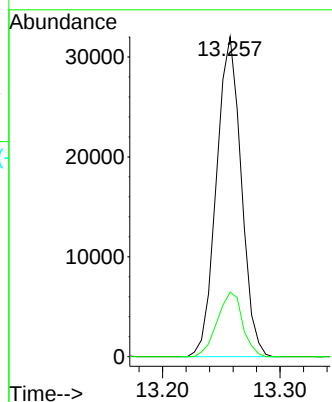
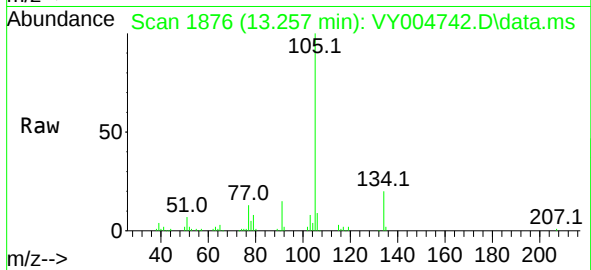
#85
 sec-Butylbenzene
 Concen: 4.76 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY004742.D
 Acq: 11 May 2021 13:16

Tgt Ion:105 Resp: 47009
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 29.8

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

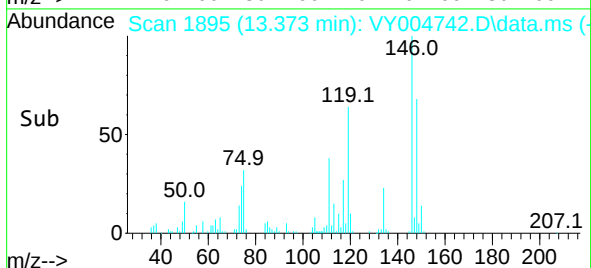
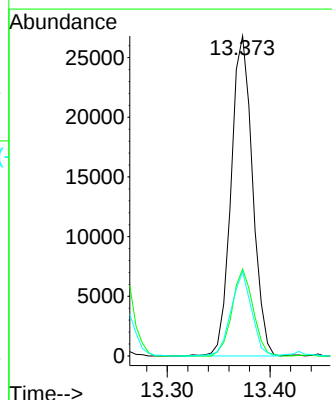
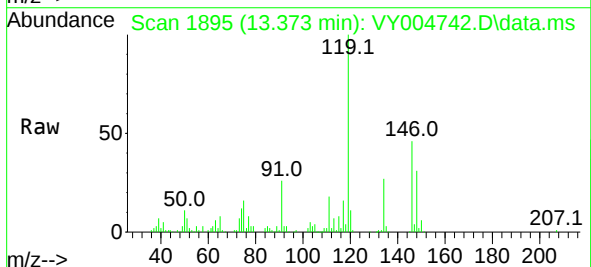
Manual Integrations
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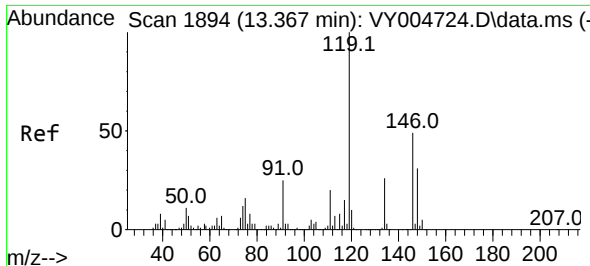
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#86
 p-Isopropyltoluene
 Concen: 4.53 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY004742.D
 Acq: 11 May 2021 13:16

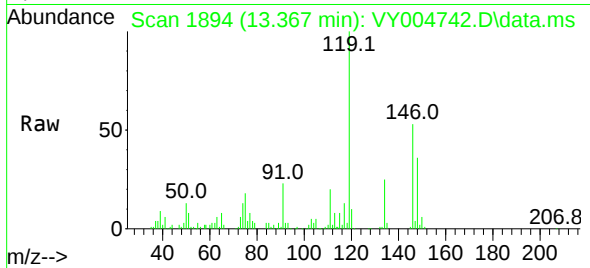
Tgt Ion:119 Resp: 38792
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 25.3 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 4.79 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

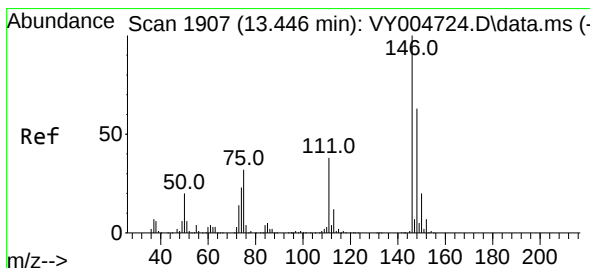
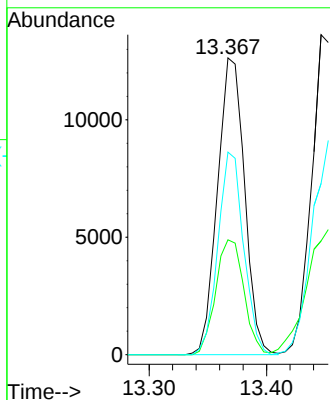
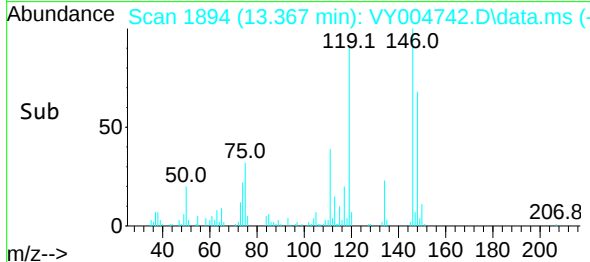
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



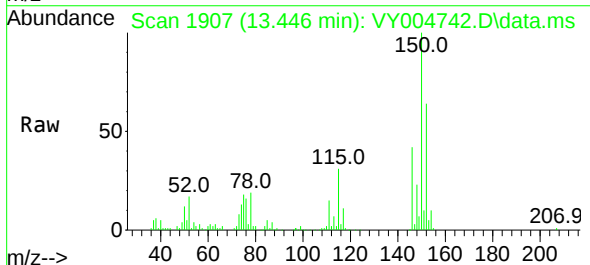
Tgt Ion:146 Resp: 20301
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 64.7 31.9 95.7

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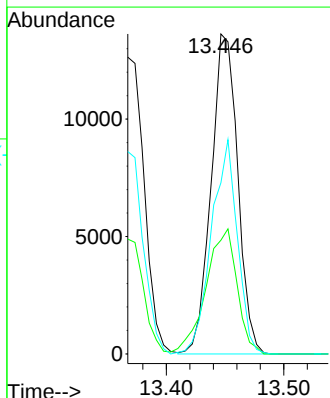
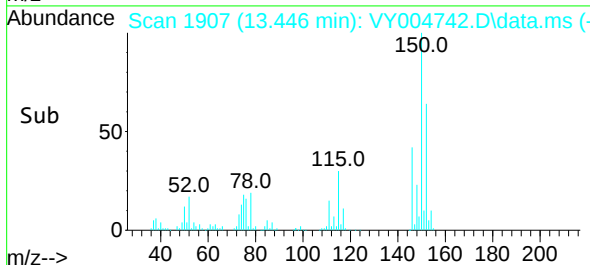
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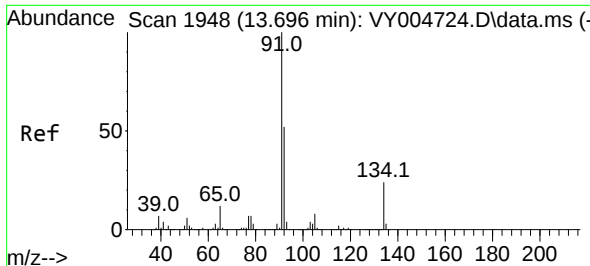


#88
1,4-Dichlorobenzene
Concen: 5.13 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion:146 Resp: 21453
Ion Ratio Lower Upper
146 100
111 45.7 19.6 58.8
148 65.2 31.9 95.5





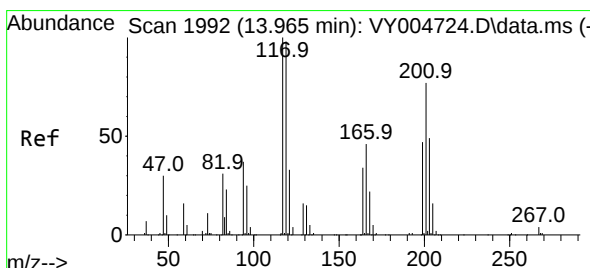
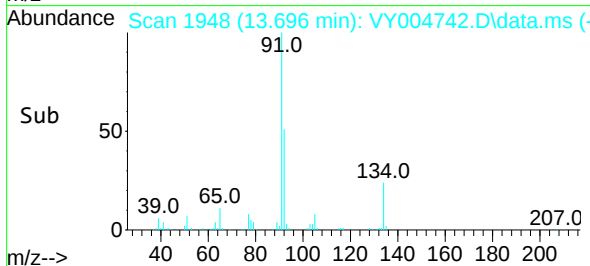
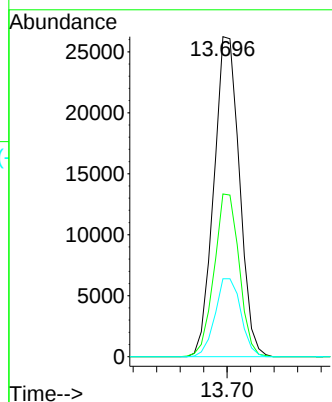
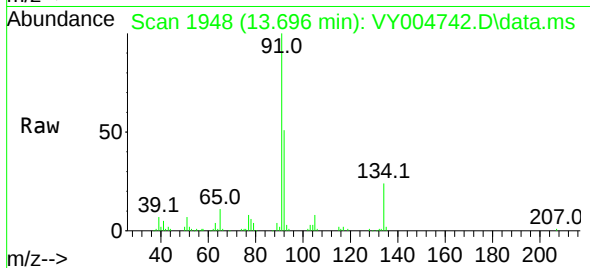
#89
n-Butylbenzene
Concen: 4.74 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	91	Resp:	39634
Ion	Ratio	Lower	Upper
91	100		
92	49.8	26.4	79.0
134	24.6	12.6	37.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

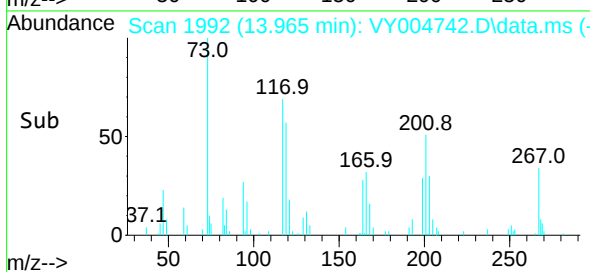
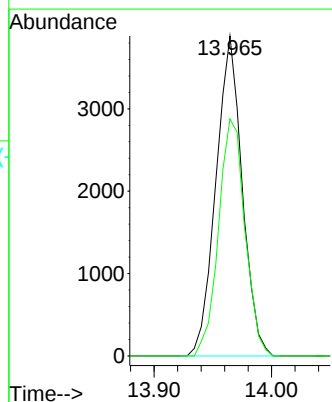
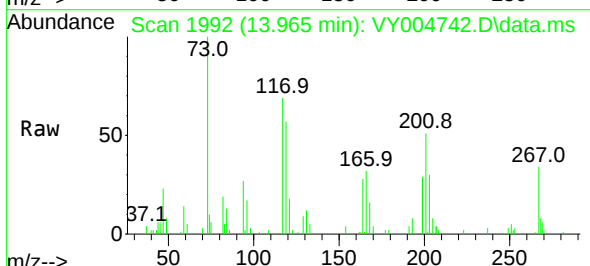
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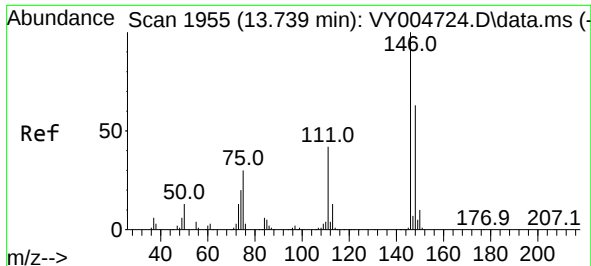
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#90
Hexachloroethane
Concen: 5.00 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	117	Resp:	6027
Ion	Ratio	Lower	Upper
117	100		
201	74.4	35.9	107.8





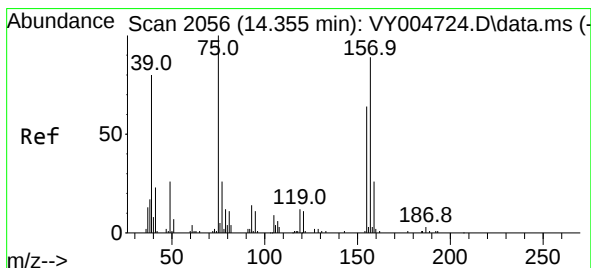
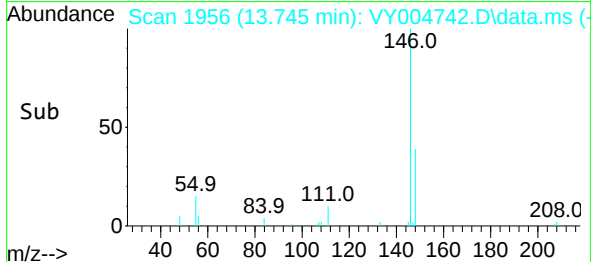
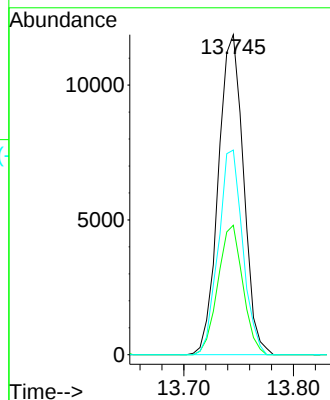
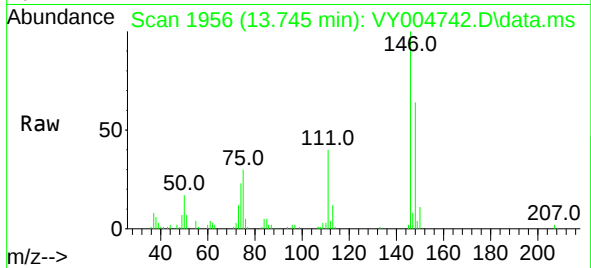
#91
1,2-Dichlorobenzene
Concen: 5.05 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	146	Resp:	18887
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.9	62.7
148	62.0	31.8	95.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

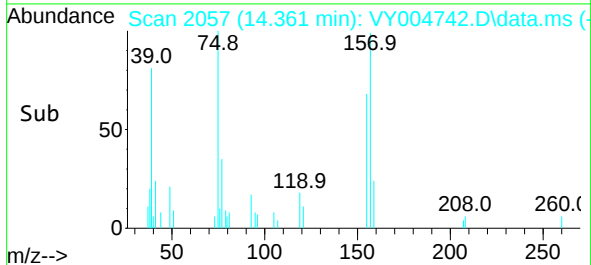
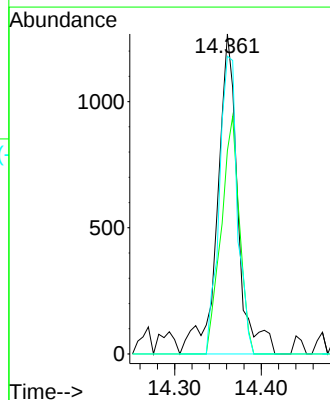
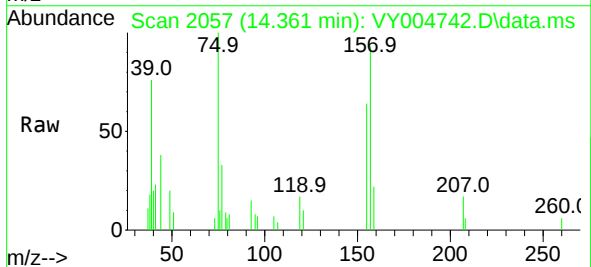
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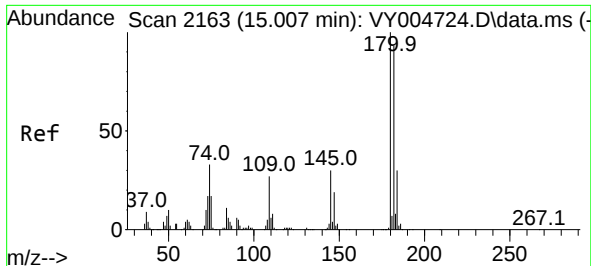
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#92
1,2-Dibromo-3-Chloropropane
Concen: 5.81 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	75	Resp:	2075
Ion Ratio	Lower	Upper	
75	100		
155	66.4	39.0	117.0
157	83.3	50.2	150.7





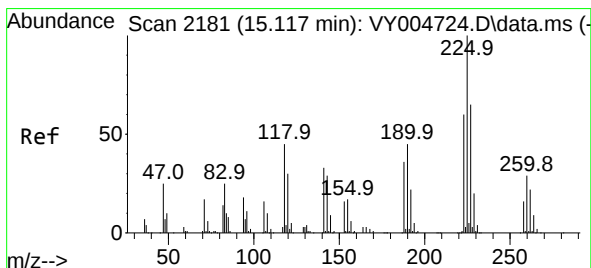
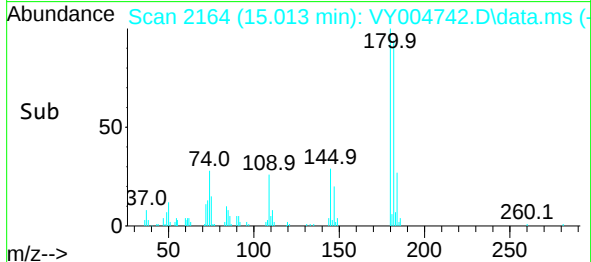
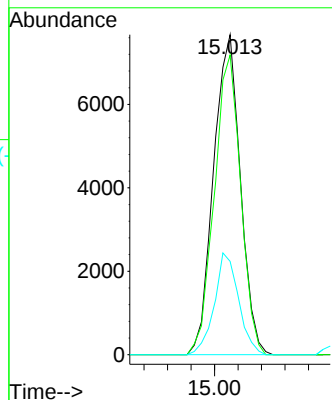
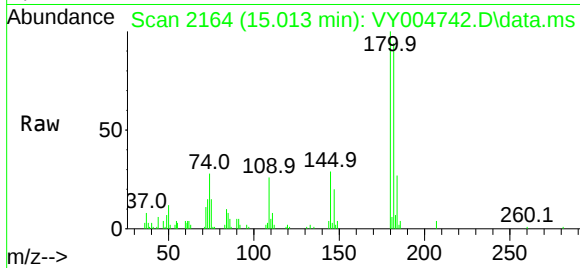
#93
1,2,4-Trichlorobenzene
Concen: 5.04 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	180	Resp:	12148
Ion Ratio	Lower	Upper	
180	100		
182	92.1	46.9	140.8
145	28.8	15.4	46.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

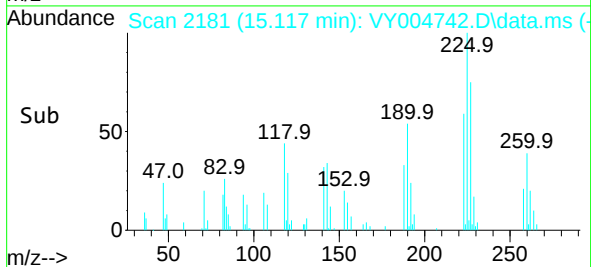
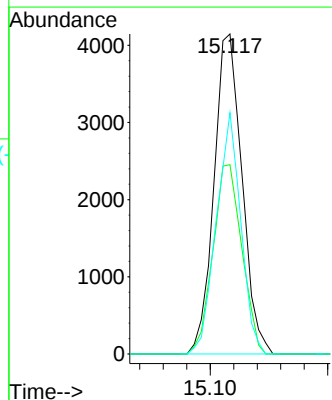
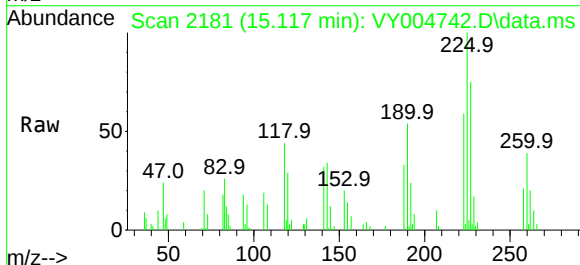
Manual Integrations
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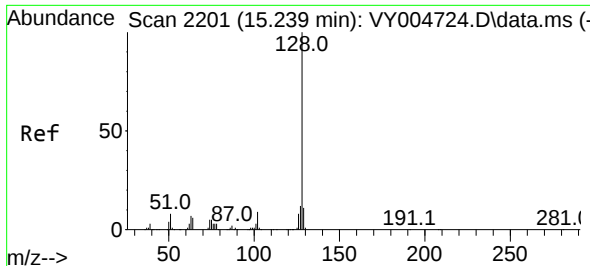
MMDadoda
5/12/2021 10:43:03 AM



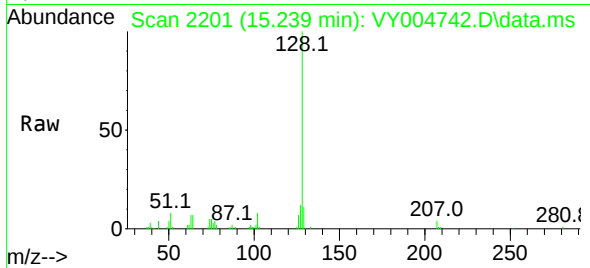
#94
Hexachlorobutadiene
Concen: 5.25 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16

Tgt Ion:	225	Resp:	6860
Ion Ratio	Lower	Upper	
225	100		
223	61.0	31.1	93.3
227	66.0	31.3	93.9

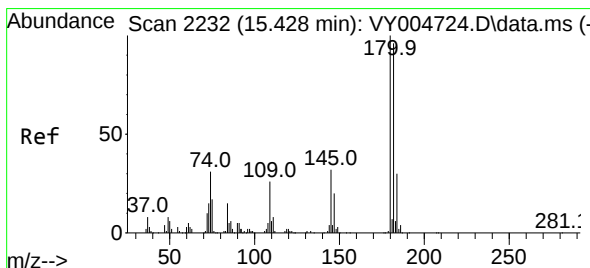
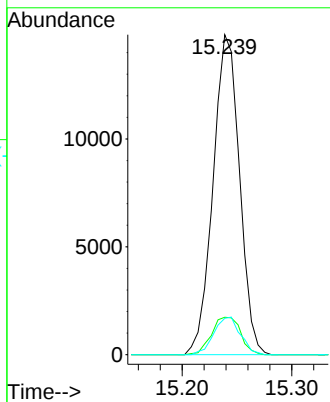
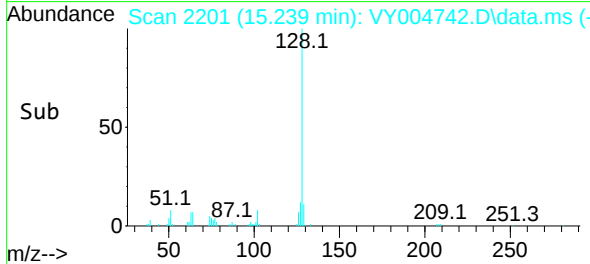




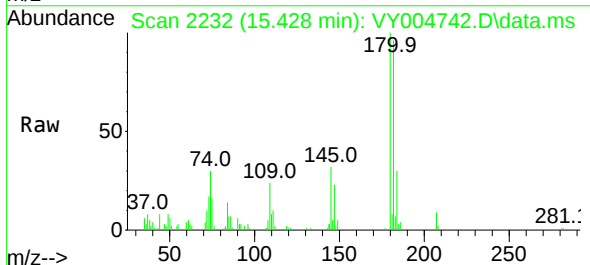
#95
Naphthalene
Concen: 4.77 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



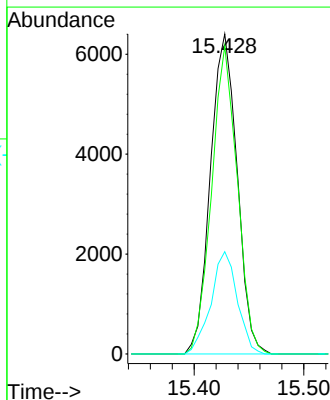
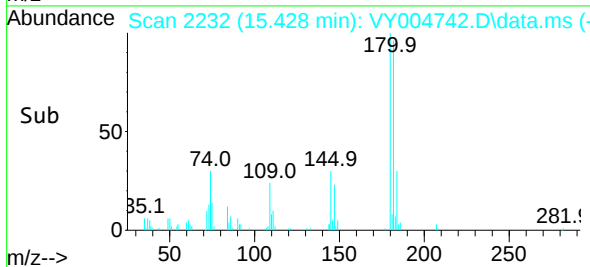
Tgt Ion:128 Resp: 24891
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.08 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004742.D
Acq: 11 May 2021 13:16



Tgt Ion:180 Resp: 10839
Ion Ratio Lower Upper
180 100
182 92.3 47.9 143.7
145 31.6 16.3 48.8



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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