

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052221\
 Data File : VW019058.D
 Acq On : 21 May 2021 18:55
 Operator : SY/VA
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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 5/24/2021 3:48:23 PM

Quant Time: May 22 03:51:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 22 03:50:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	340880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	584558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	524130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	257228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	212730	61.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.36%	
35) Dibromofluoromethane	7.884	113	187139	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
50) Toluene-d8	10.323	98	742871	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.98%	
62) 4-Bromofluorobenzene	12.621	95	258083	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	10014	4.36	ug/l	98
3) Chloromethane	2.214	50	13302	5.22	ug/l	100
4) Vinyl Chloride	2.361	62	19031	5.09	ug/l	98
5) Bromomethane	2.781	94	16050	5.12	ug/l	94
6) Chloroethane	2.922	64	12435	4.84	ug/l	98
7) Trichlorofluoromethane	3.263	101	7822	3.80	ug/l	100
8) Diethyl Ether	3.684	74	8894	4.97	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.074	101	16626	4.99	ug/l	99
10) Methyl Iodide	4.281	142	23951	4.90	ug/l	98
11) Tert butyl alcohol	5.183	59	8672	42.84	ug/l #	84
12) 1,1-Dichloroethene	4.049	96	16544	4.87	ug/l	88
13) Acrolein	3.897	56	4545	19.79	ug/l	95
14) Allyl chloride	4.677	41	20153	4.56	ug/l	98
15) Acrylonitrile	5.378	53	17083	25.45	ug/l	99
16) Acetone	4.129	43	17955	32.85	ug/l	95
17) Carbon Disulfide	4.391	76	42703	4.60	ug/l	97
18) Methyl Acetate	4.677	43	9666	6.01	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	21883	5.13	ug/l	91
20) Methylene Chloride	4.915	84	73015	14.89	ug/l	97
21) trans-1,2-Dichloroethene	5.427	96	19217	4.95	ug/l	96
22) Diisopropyl ether	6.311	45	43784	4.87	ug/l	91
23) Vinyl Acetate	6.262	43	136966	22.65	ug/l	96
24) 1,1-Dichloroethane	6.220	63	35968	5.17	ug/l	99
25) 2-Butanone	7.177	43	24956	27.79	ug/l	97
26) 2,2-Dichloropropane	7.165	77	19967	5.33	ug/l	94
27) cis-1,2-Dichloroethene	7.171	96	21357	4.96	ug/l	95
28) Bromochloromethane	7.512	49	14998	5.30	ug/l	97
29) Tetrahydrofuran	7.530	42	13867	26.41	ug/l	98
30) Chloroform	7.683	83	36211	5.12	ug/l	98
31) Cyclohexane	7.951	56	34056	5.85	ug/l #	82
32) 1,1,1-Trichloroethane	7.878	97	26355	5.02	ug/l	96
36) 1,1-Dichloropropene	8.085	75	28403	4.88	ug/l	99
37) Ethyl Acetate	7.262	43	13072	5.80	ug/l	98
38) Carbon Tetrachloride	8.067	117	23131	4.51	ug/l	91
39) Methylcyclohexane	9.335	83	30662	4.76	ug/l	97
40) Benzene	8.323	78	81000	4.98	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	5814	4.73	ug/l	98
42) 1,2-Dichloroethane	8.402	62	24605	5.10	ug/l	100
43) Isopropyl Acetate	8.427	43	21807	5.19	ug/l	98
44) Trichloroethene	9.091	130	20655	4.92	ug/l	97
45) 1,2-Dichloropropane	9.372	63	19568	4.97	ug/l	96
46) Dibromomethane	9.457	93	10347	4.84	ug/l	97
47) Bromodichloromethane	9.646	83	25137	4.73	ug/l	98
48) Methyl methacrylate	9.439	41	8976	4.65	ug/l	98
49) 1,4-Dioxane	9.463	88	2677	109.89	ug/l #	88
51) 4-Methyl-2-Pentanone	10.213	43	55903	25.69	ug/l	100
52) Toluene	10.390	92	50688	4.91	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	22543	4.31	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	28111	4.52	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	14616	4.95	ug/l	94
56) Ethyl methacrylate	10.646	69	16654	4.49	ug/l	96
57) 1,3-Dichloropropane	10.932	76	26886	5.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.926	63	45333	23.63	ug/l	98
59) 2-Hexanone	10.969	43	34497	23.85	ug/l	98
60) Dibromochloromethane	11.127	129	15112	4.57	ug/l	98
61) 1,2-Dibromoethane	11.231	107	13877	4.88	ug/l	98
64) Tetrachloroethene	10.865	164	16984	4.99	ug/l	95
65) Chlorobenzene	11.658	112	52473	4.92	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	17045	4.68	ug/l	98
67) Ethyl Benzene	11.731	91	94767	4.80	ug/l	99
68) m/p-Xylenes	11.841	106	68988	9.31	ug/l	98
69) o-Xylene	12.170	106	32725	4.74	ug/l	97
70) Styrene	12.182	104	52627	4.49	ug/l	99
71) Bromoform	12.347	173	7809	4.28	ug/l #	99
73) Isopropylbenzene	12.462	105	86875	4.61	ug/l	99
74) N-amyl acetate	12.273	43	17947	4.61	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.712	83	17990	5.33	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	11700m	4.82	ug/l	
77) Bromobenzene	12.743	156	20559	4.95	ug/l	97
78) n-propylbenzene	12.804	91	110453	4.79	ug/l	99
79) 2-Chlorotoluene	12.889	91	62486	4.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	73745	4.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	4245	4.26	ug/l	93
82) 4-Chlorotoluene	12.987	91	65459	4.70	ug/l	99
83) tert-Butylbenzene	13.206	119	61432	4.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	73434	4.62	ug/l	98
85) sec-Butylbenzene	13.383	105	93090	4.65	ug/l	99
86) p-Isopropyltoluene	13.499	119	77789	4.49	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	41677	4.91	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	42916	5.13	ug/l	94
89) n-Butylbenzene	13.822	91	78347	4.60	ug/l	99
90) Hexachloroethane	14.090	117	12201	4.49	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	37120	4.94	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.480	75	2670	4.96	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	24610	4.89	ug/l	95
94) Hexachlorobutadiene	15.230	225	13286	4.58	ug/l	92
95) Naphthalene	15.364	128	42964	4.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.559	180	21420	4.92	ug/l	94

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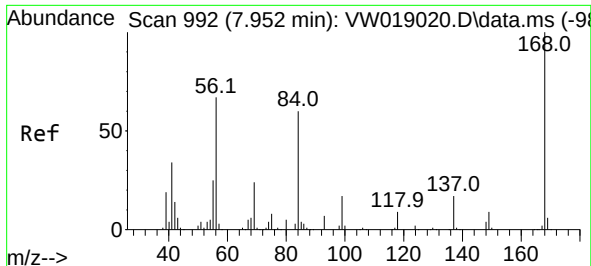
Manual Integrations
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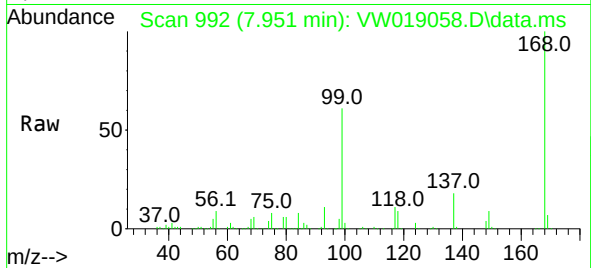
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Response via : Initial Calibration

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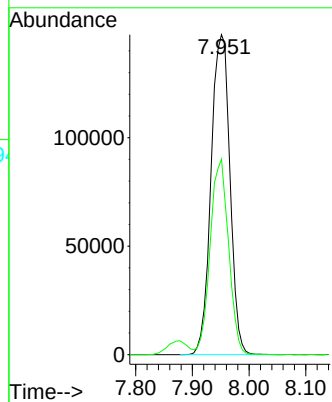
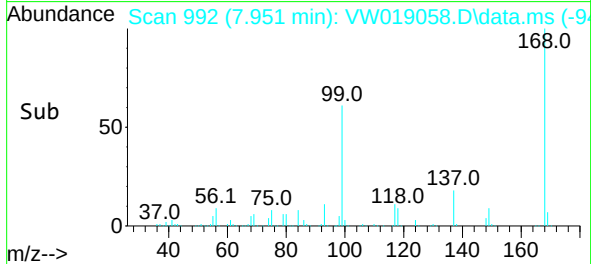
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



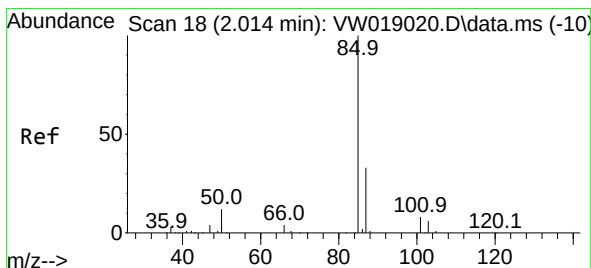
Tgt Ion: 168 Resp: 340880
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



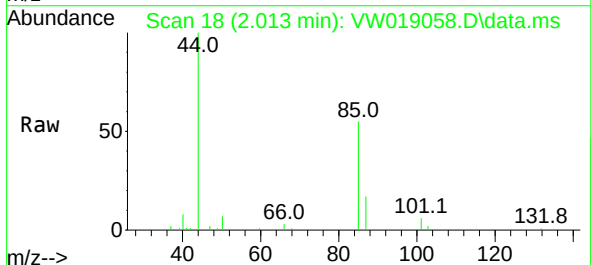
Instrument :
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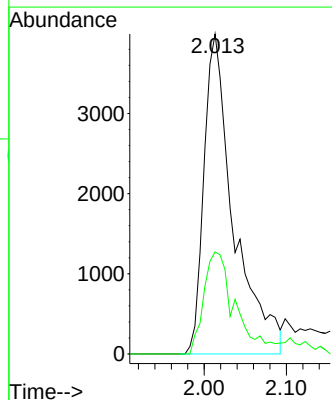
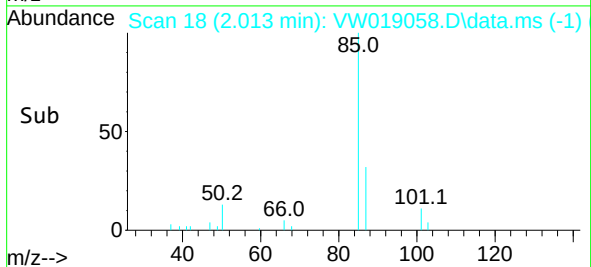
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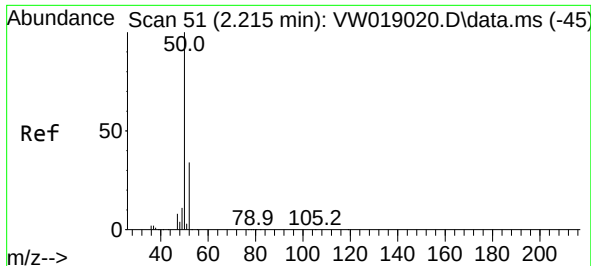


#2
Dichlorodifluoromethane
Concen: 4.36 ug/l
RT: 2.013 min Scan# 18
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 85 Resp: 10014
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0





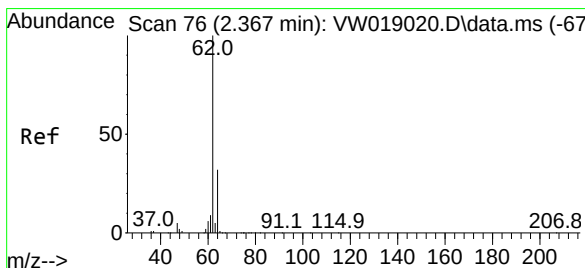
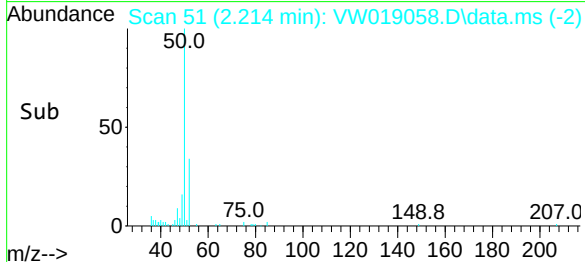
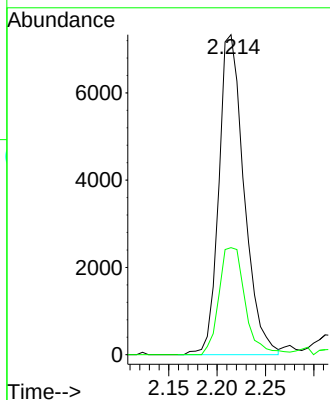
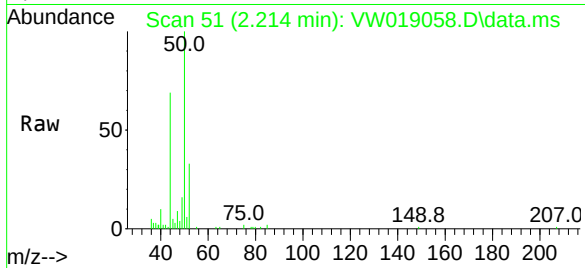
#3
Chloromethane
Concen: 5.22 ug/l
RT: 2.214 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 50 Resp: 13302
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

Instrument :
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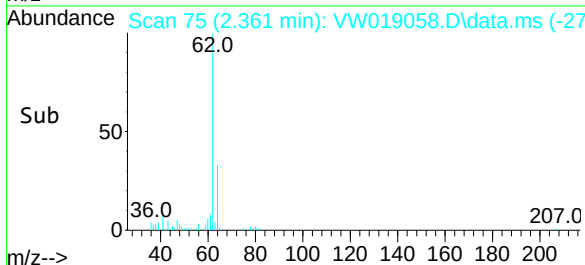
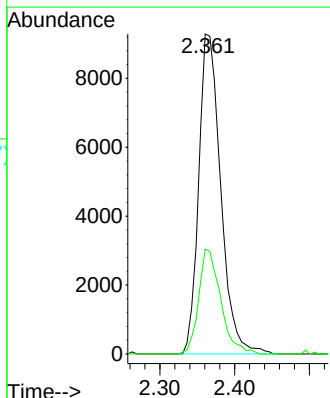
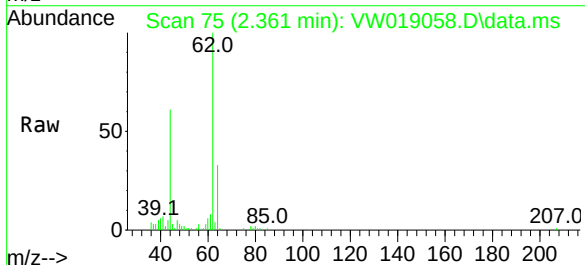
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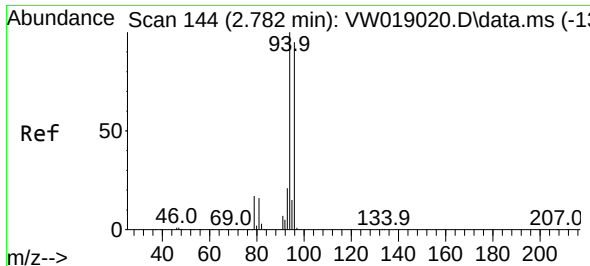
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#4
Vinyl Chloride
Concen: 5.09 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

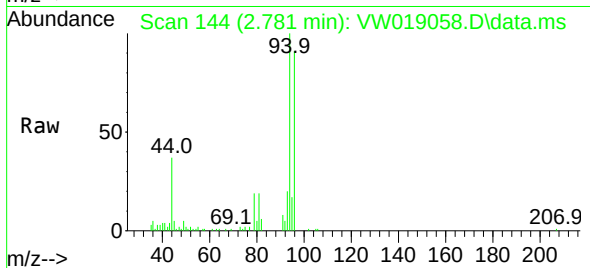
Tgt Ion: 62 Resp: 19031
Ion Ratio Lower Upper
62 100
64 32.7 25.3 37.9





#5
Bromomethane
Concen: 5.12 ug/l
RT: 2.781 min Scan# 144
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

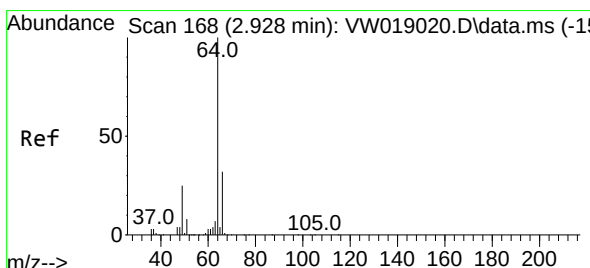
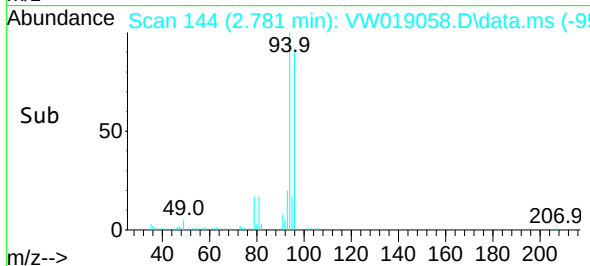
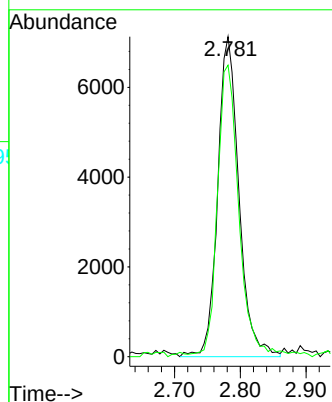
Instrument :
MSVOA_W
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Tgt Ion: 94 Resp: 16050
Ion Ratio Lower Upper
94 100
96 89.8 76.4 114.6

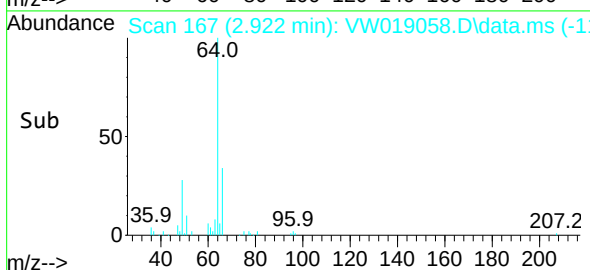
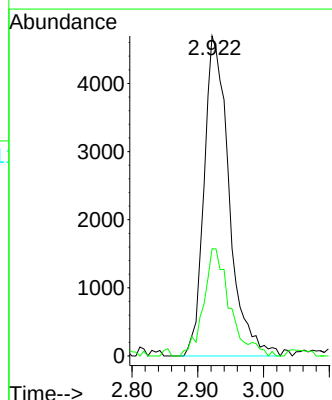
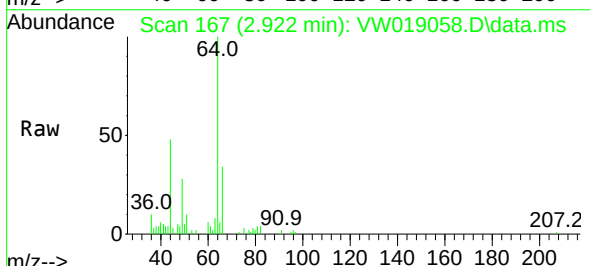
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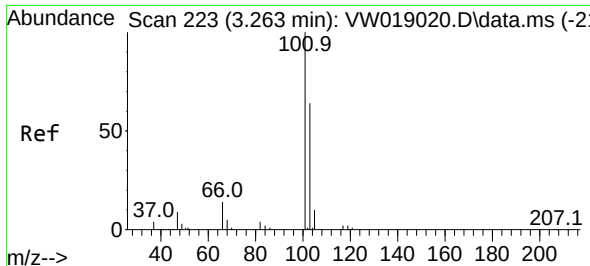
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#6
Chloroethane
Concen: 4.84 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.007 min
Lab File: VW019058.D
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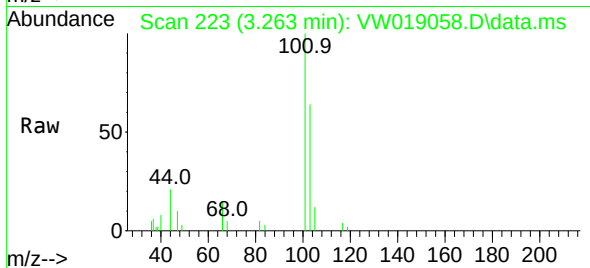
Tgt Ion: 64 Resp: 12435
Ion Ratio Lower Upper
64 100
66 33.5 25.9 38.9



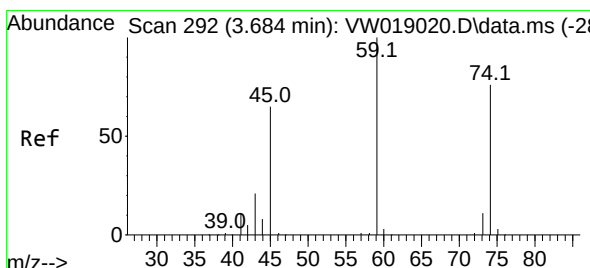
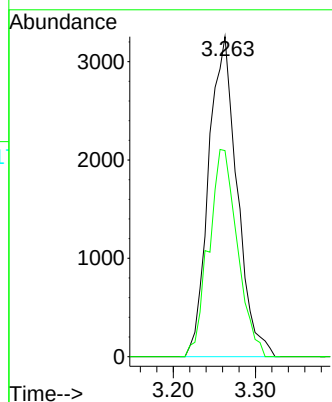
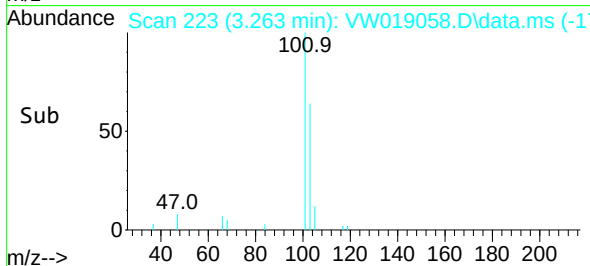


#7
 Trichlorofluoromethane
 Concen: 3.80 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. -0.001 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

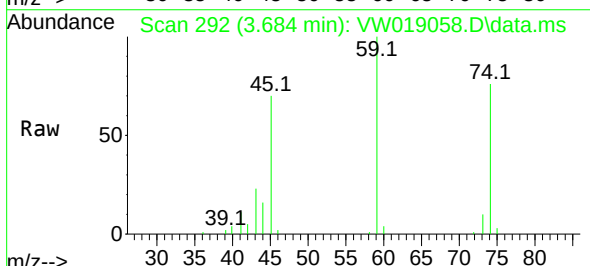
Instrument :
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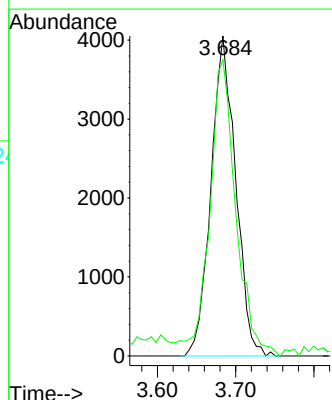
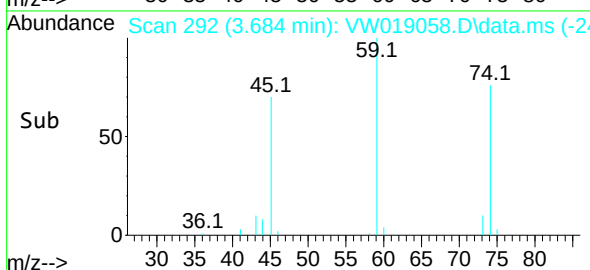
Tgt Ion:101 Resp: 7822
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

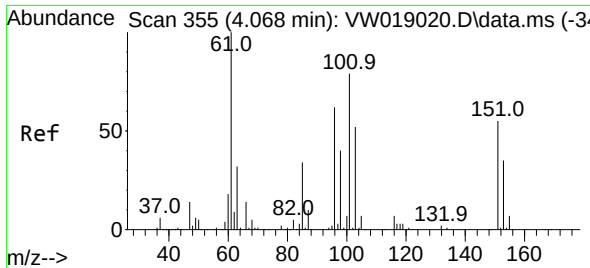


#8
 Diethyl Ether
 Concen: 4.97 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.001 min
 Lab File: VW019058.D
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Tgt Ion: 74 Resp: 8894
 Ion Ratio Lower Upper
 74 100
 45 96.8 43.3 129.8





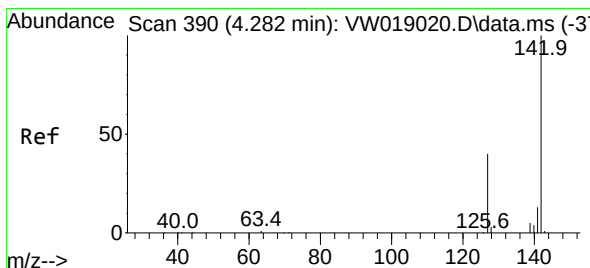
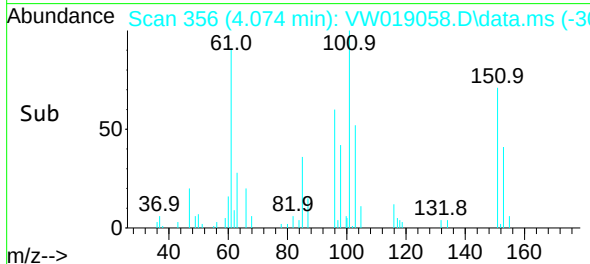
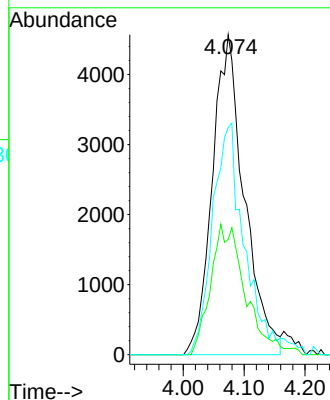
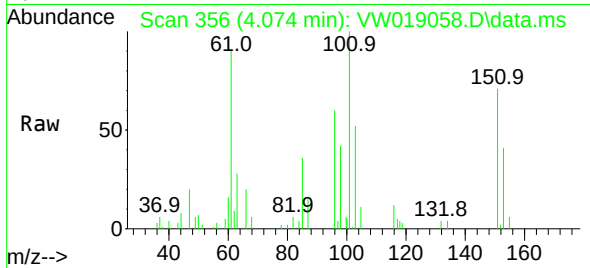
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.99 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019058.D
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Tgt Ion:101	Resp:	16626
Ion Ratio	Lower	Upper
101 100		
85 44.4	35.9	53.9
151 73.4	59.8	89.6

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ClientSampleId :
LOQ-SOIL-02-QT2-2021

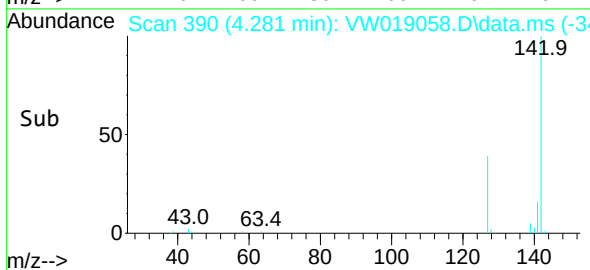
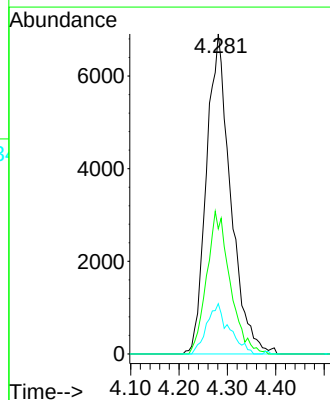
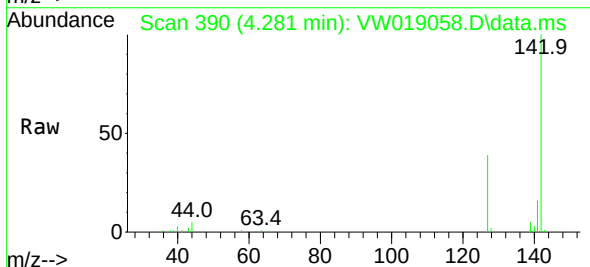
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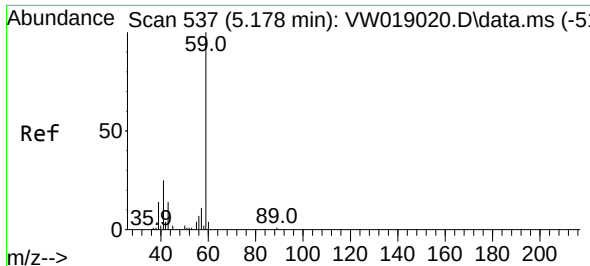
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#10
Methyl Iodide
Concen: 4.90 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:142	Resp:	23951
Ion Ratio	Lower	Upper
142 100		
127 43.1	33.7	50.5
141 14.6	11.2	16.8





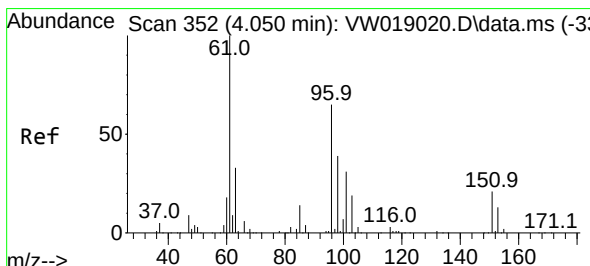
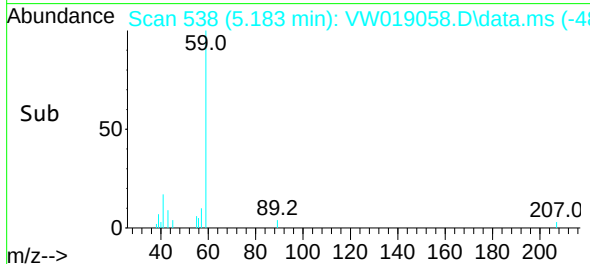
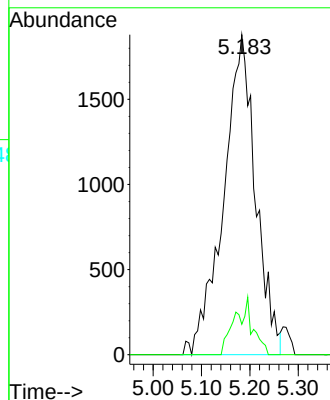
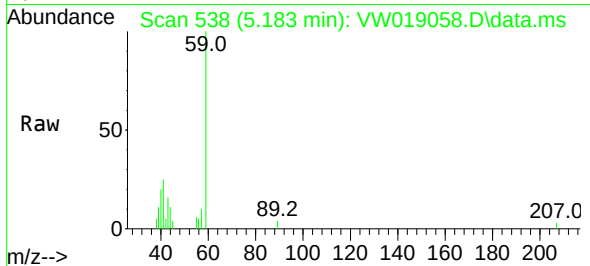
#11
Tert butyl alcohol
Concen: 42.84 ug/l
RT: 5.183 min Scan# 538
Delta R.T. 0.005 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 59 Resp: 8672
Ion Ratio Lower Upper
59 100
57 5.2 8.9 13.3#

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

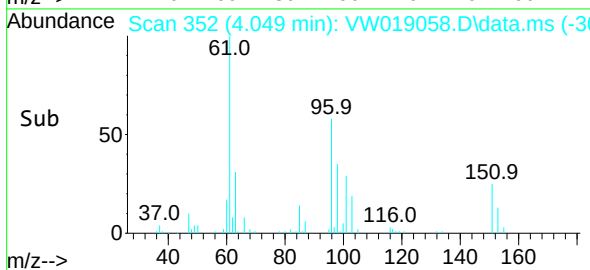
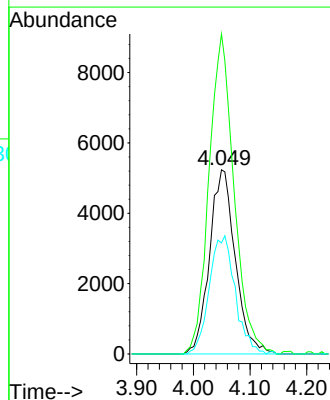
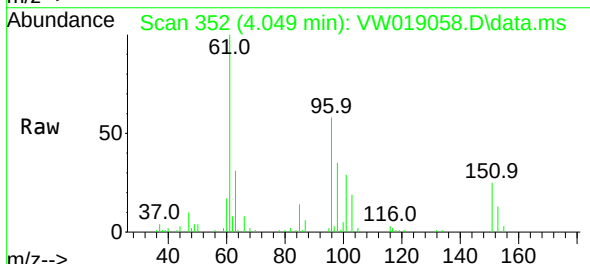
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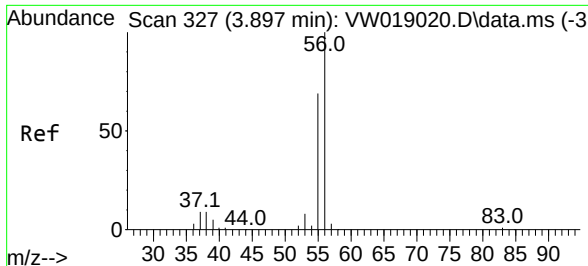
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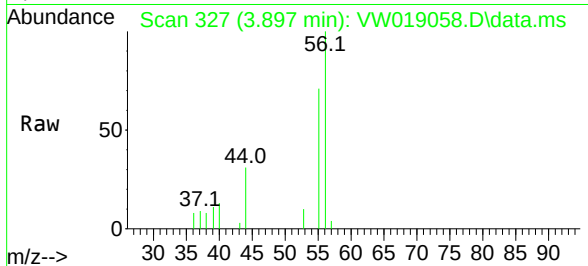
#12
1,1-Dichloroethene
Concen: 4.87 ug/l
RT: 4.049 min Scan# 352
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 96 Resp: 16544
Ion Ratio Lower Upper
96 100
61 173.7 123.0 184.4
98 60.3 47.5 71.3

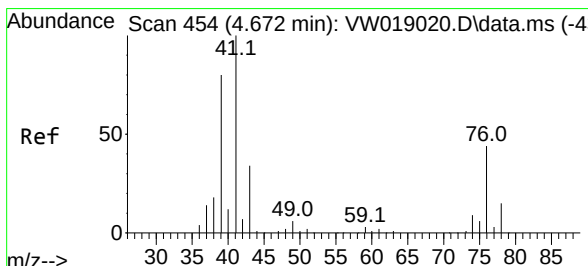
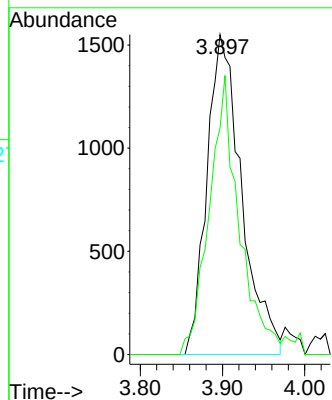
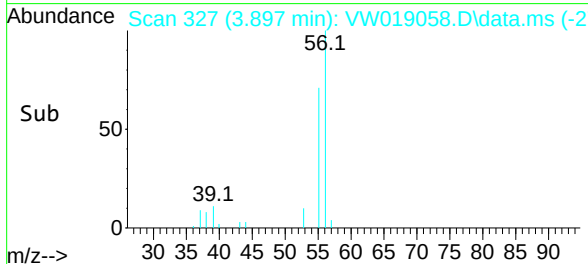




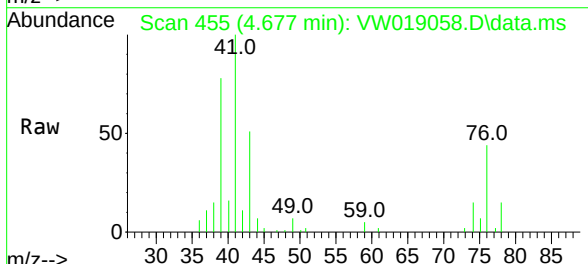
#13
Acrolein
Concen: 19.79 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



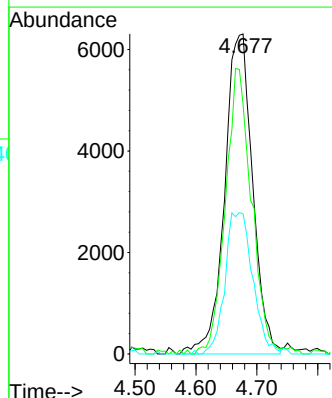
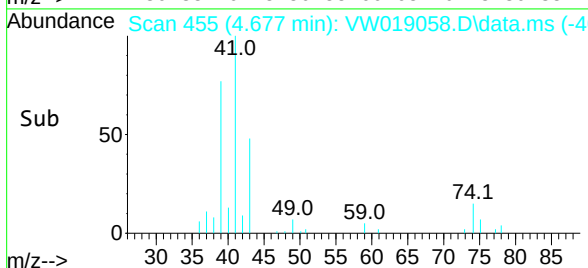
Tgt Ion: 56 Resp: 4545
Ion Ratio Lower Upper
56 100
55 75.1 56.7 85.1



#14
Allyl chloride
Concen: 4.56 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



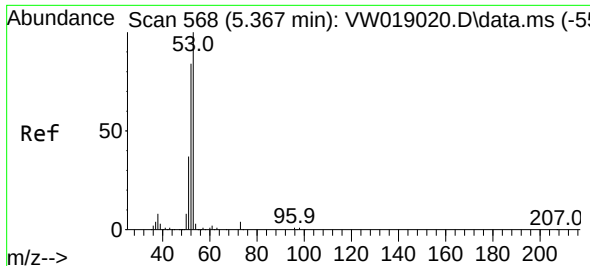
Tgt Ion: 41 Resp: 20153
Ion Ratio Lower Upper
41 100
39 82.8 63.9 95.9
76 43.6 35.1 52.7



Instrument :
MSVOA_W
ClientSampleId :
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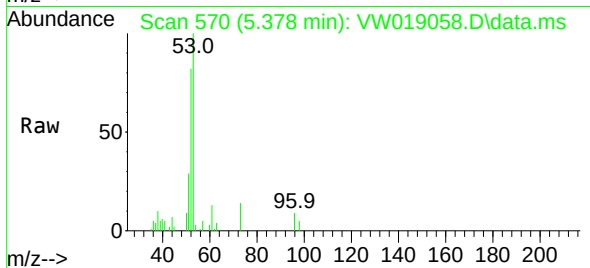
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#15
Acrylonitrile
Concen: 25.45 ug/l
RT: 5.378 min Scan# 570
Delta R.T. 0.012 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

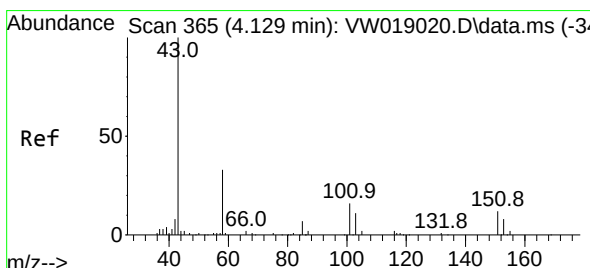
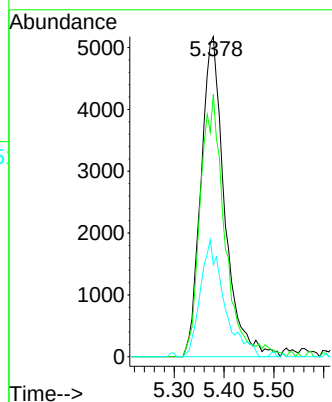
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



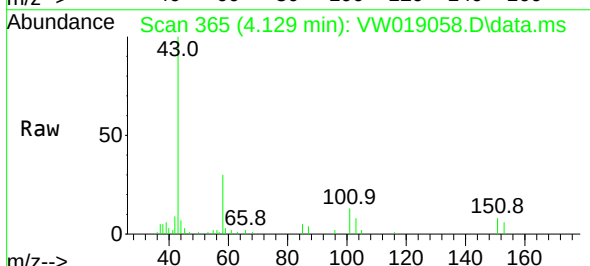
Tgt Ion:	53	Resp:	17083
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.5	99.7
51	36.8	29.8	44.8

Manual Integrations
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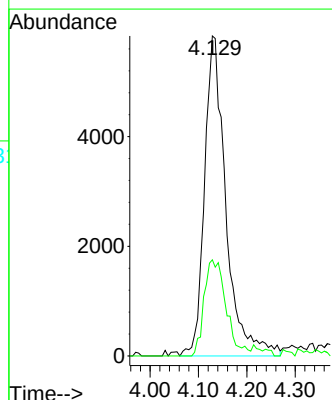
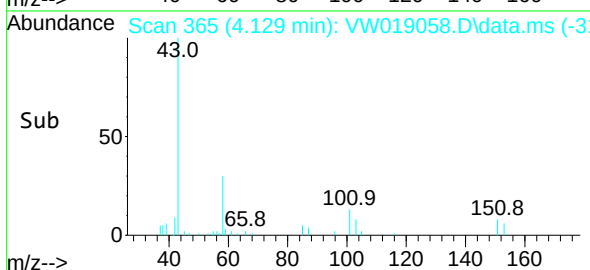
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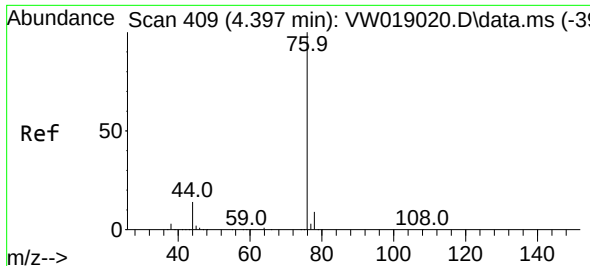


#16
Acetone
Concen: 32.85 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

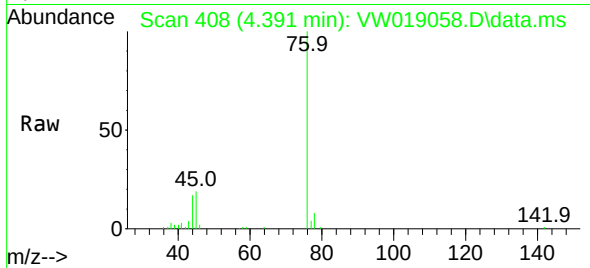


Tgt Ion:	43	Resp:	17955
Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.4	39.6

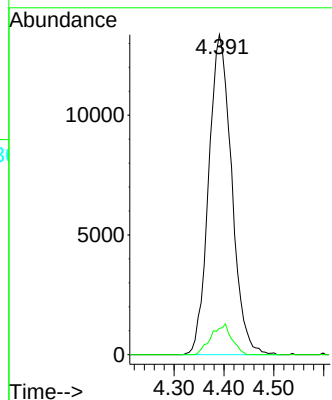




#17
Carbon Disulfide
Concen: 4.60 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



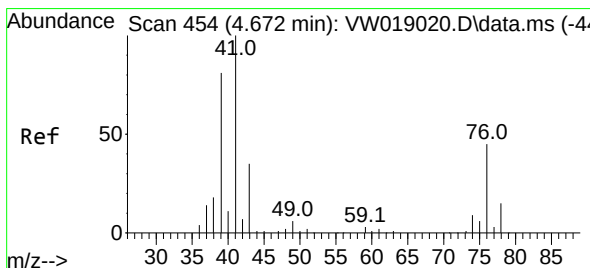
Tgt Ion: 76 Resp: 42703
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



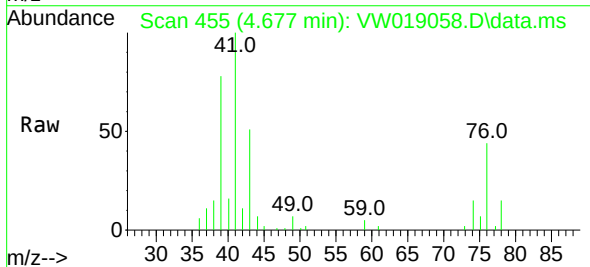
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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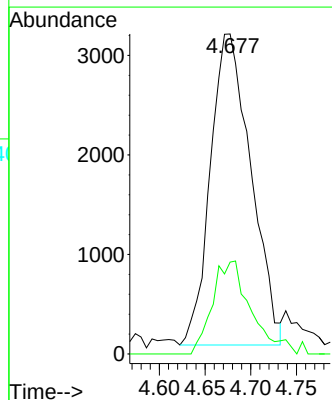
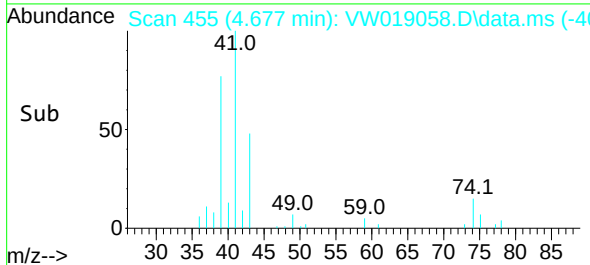
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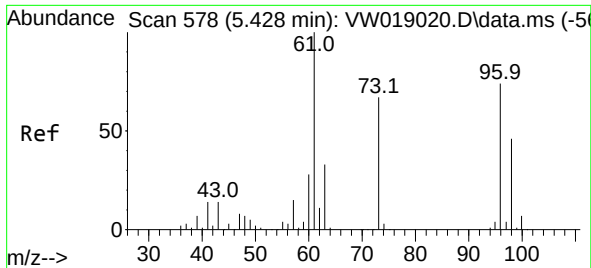


#18
Methyl Acetate
Concen: 6.01 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 43 Resp: 9666
Ion Ratio Lower Upper
43 100
74 28.3 21.8 32.8





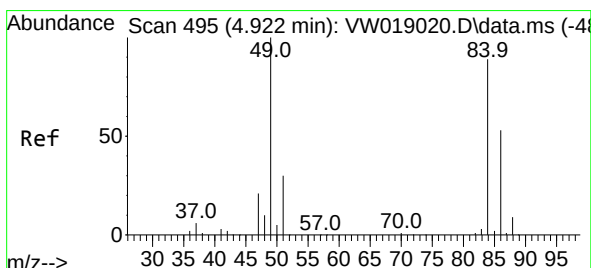
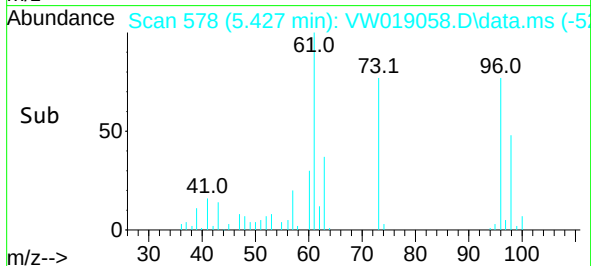
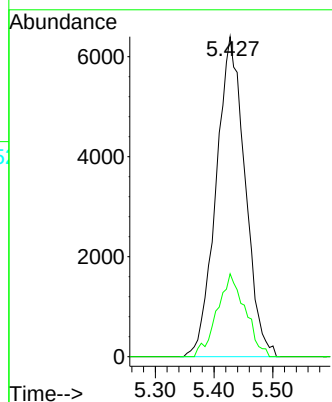
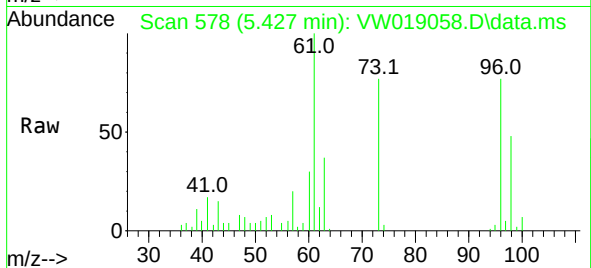
#19
Methyl tert-butyl Ether
Concen: 5.13 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 73 Resp: 21883
Ion Ratio Lower Upper
73 100
57 25.9 17.4 26.0

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

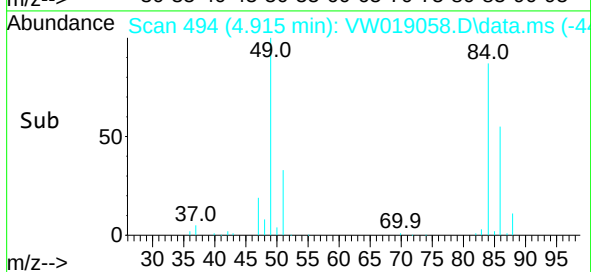
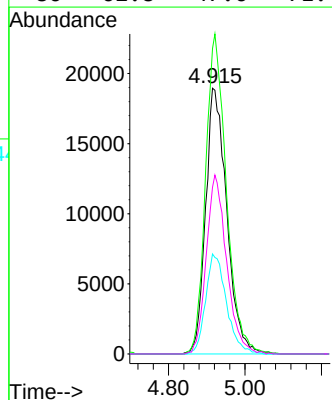
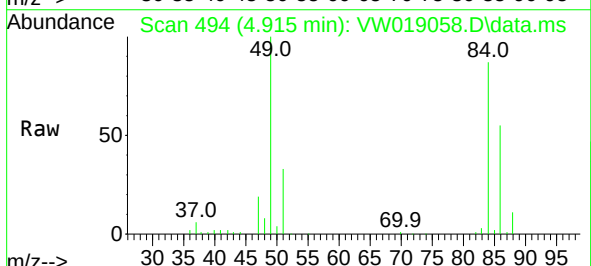
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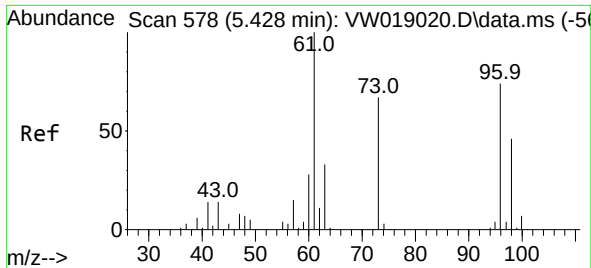
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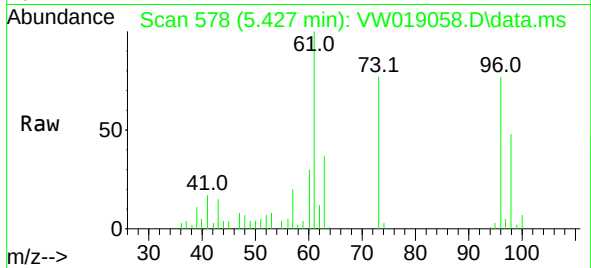
#20
Methylene Chloride
Concen: 14.89 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 84 Resp: 73015
Ion Ratio Lower Upper
84 100
49 114.9 90.4 135.6
51 37.7 27.1 40.7
86 62.8 47.6 71.4



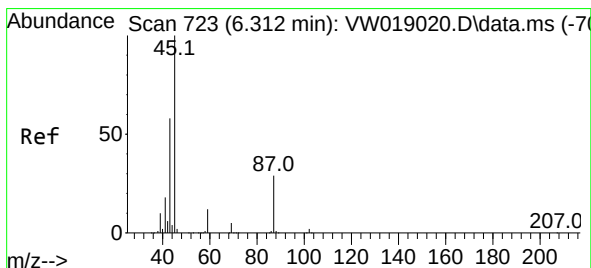
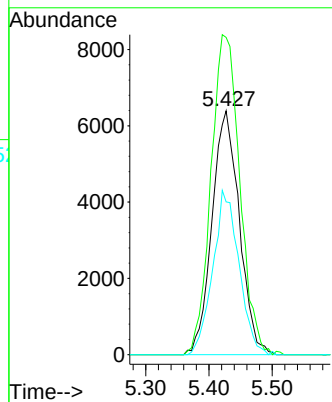
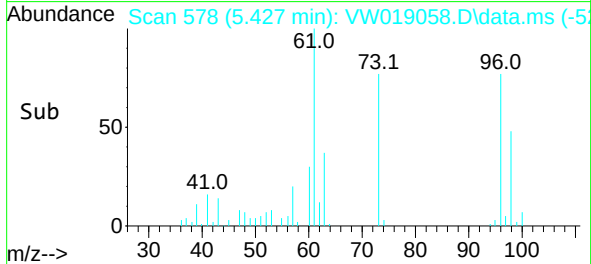


#21
trans-1,2-Dichloroethene
Concen: 4.95 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

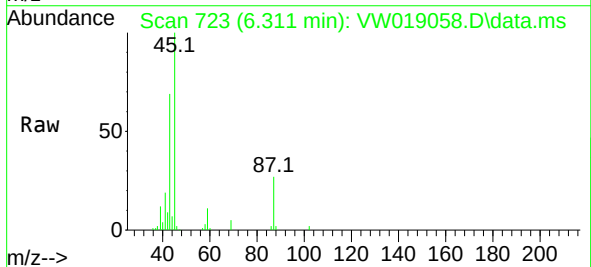


Tgt Ion: 96 Resp: 19217

Ion	Ratio	Lower	Upper
96	100		
61	130.1	108.5	162.7
98	62.6	49.4	74.0

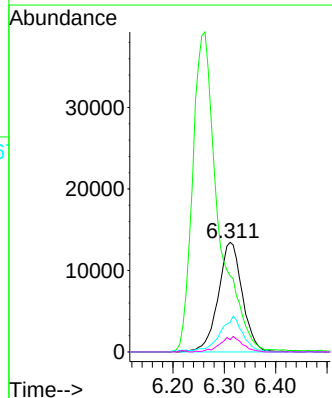
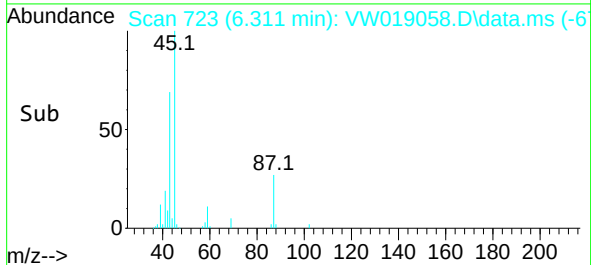


#22
Diisopropyl ether
Concen: 4.87 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 45 Resp: 43784

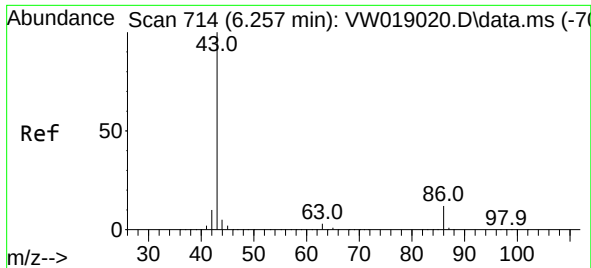
Ion	Ratio	Lower	Upper
45	100		
43	67.8	46.1	69.1
87	27.1	23.4	35.2
59	11.2	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
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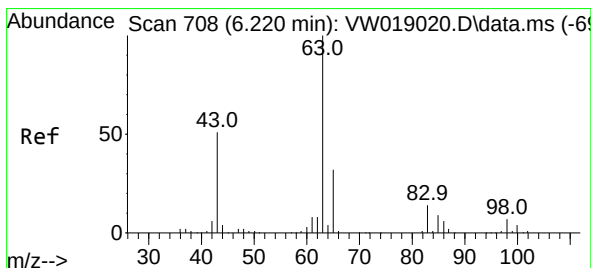
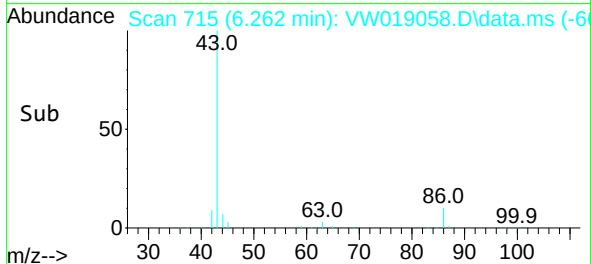
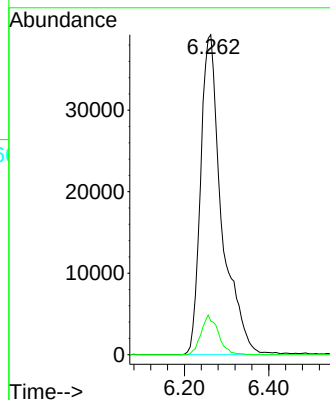
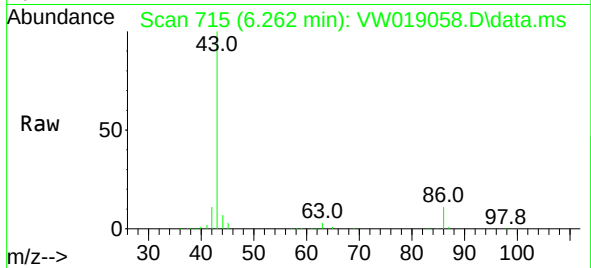
#23
 Vinyl Acetate
 Concen: 22.65 ug/l
 RT: 6.262 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

Tgt Ion: 43 Resp: 136966
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.6 14.4

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

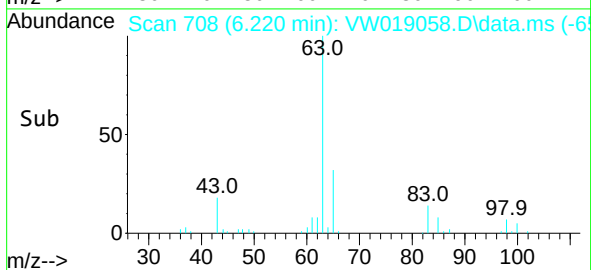
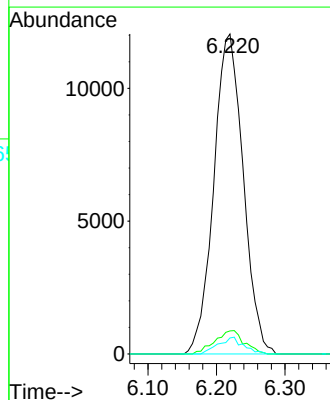
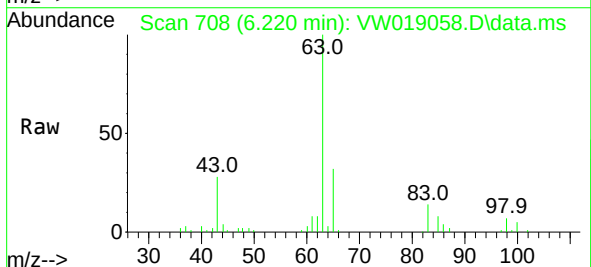
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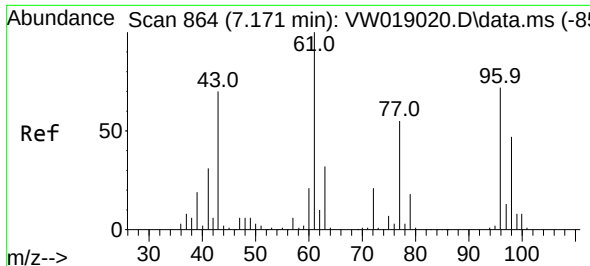
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#24
 1,1-Dichloroethane
 Concen: 5.17 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.001 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

Tgt Ion: 63 Resp: 35968
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.0 2.3 6.8





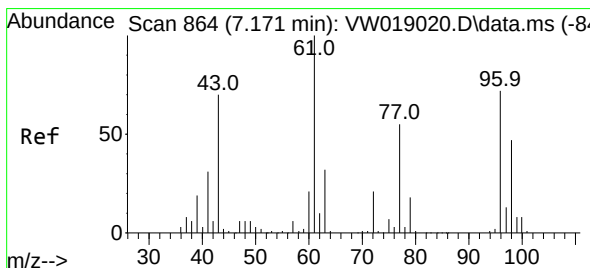
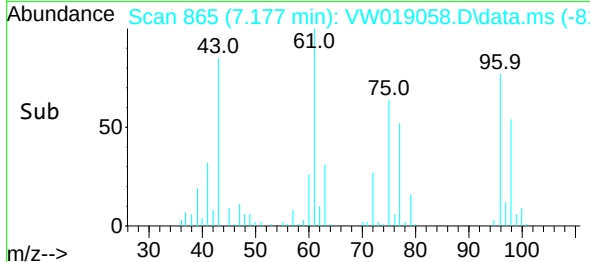
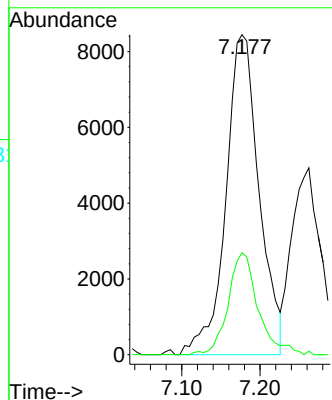
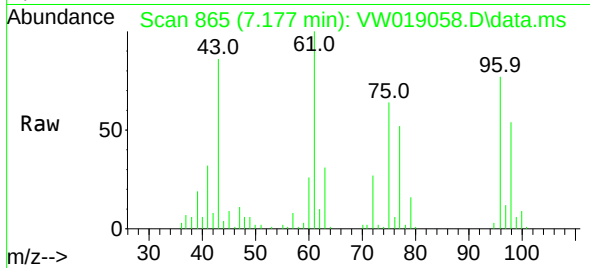
#25
2-Butanone
Concen: 27.79 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 43 Resp: 24956
Ion Ratio Lower Upper
43 100
72 31.9 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
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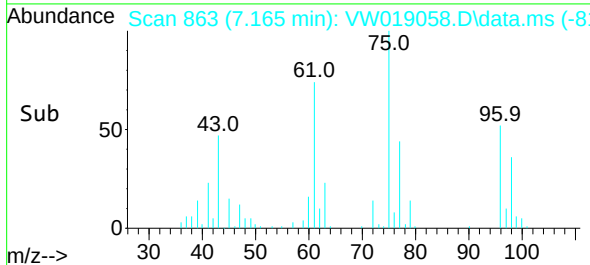
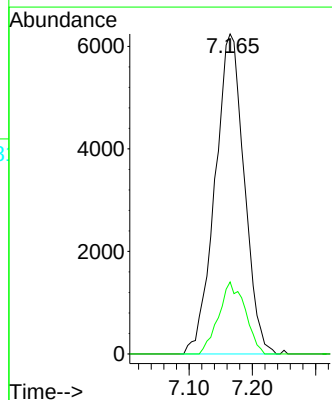
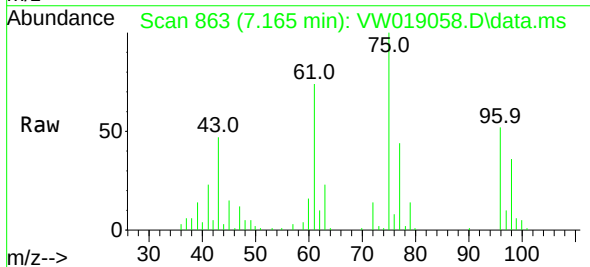
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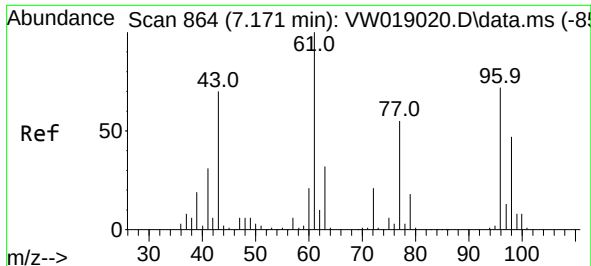
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#26
2,2-Dichloropropane
Concen: 5.33 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 77 Resp: 19967
Ion Ratio Lower Upper
77 100
97 20.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 4.96 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.001 min

Lab File: VW019058.D

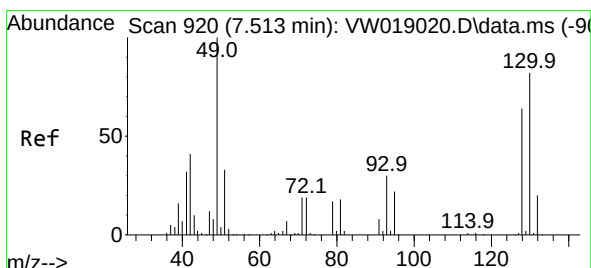
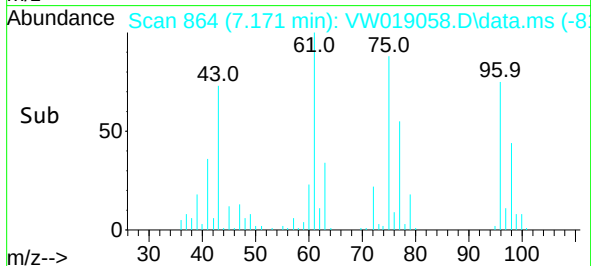
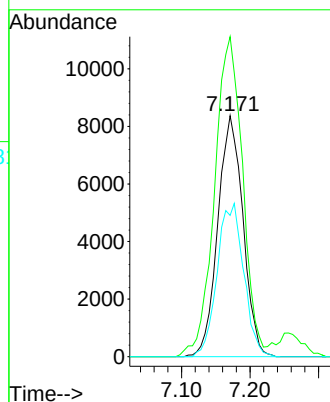
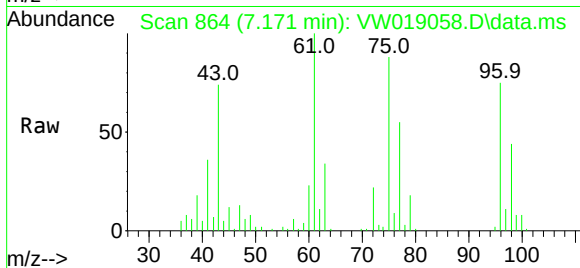
Acq: 21 May 2021 18:55

Tgt Ion:	96	Resp:	21357
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	281.2
98	66.9	0.0	127.4

Instrument :
MSVOA_W
ClientSampleId :
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#28

Bromochloromethane

Concen: 5.30 ug/l

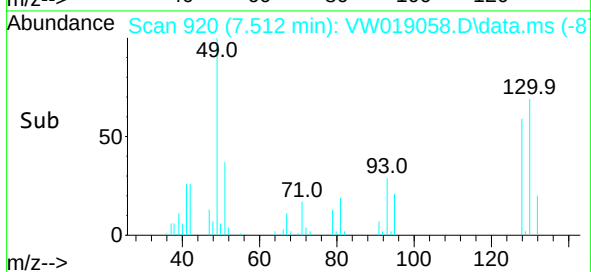
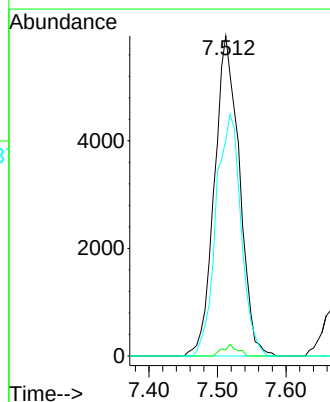
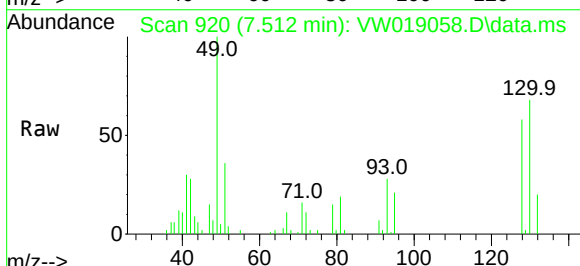
RT: 7.512 min Scan# 920

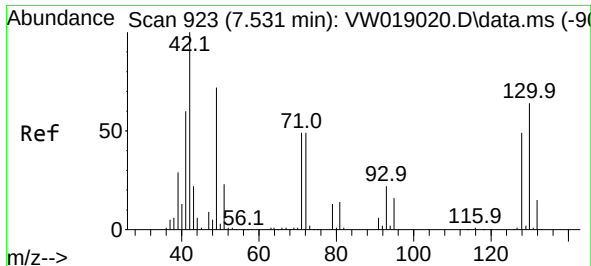
Delta R.T. -0.001 min

Lab File: VW019058.D

Acq: 21 May 2021 18:55

Tgt Ion:	49	Resp:	14998
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	76.0	63.0	94.4





#29

Tetrahydrofuran

Concen: 26.41 ug/l

RT: 7.530 min Scan# 923

Delta R.T. -0.001 min

Lab File: VW019058.D

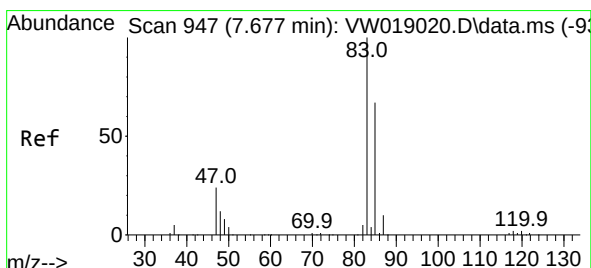
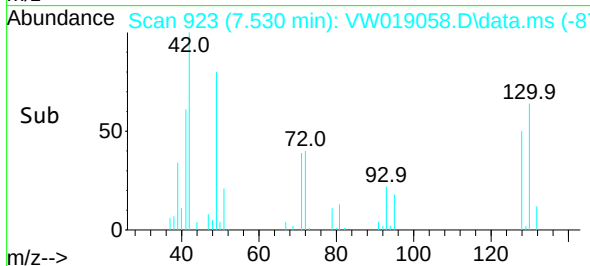
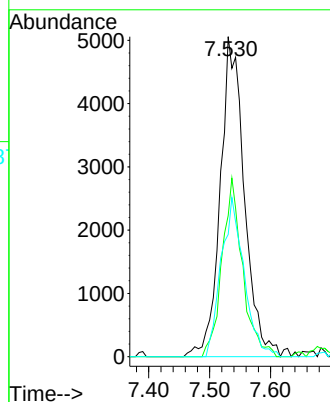
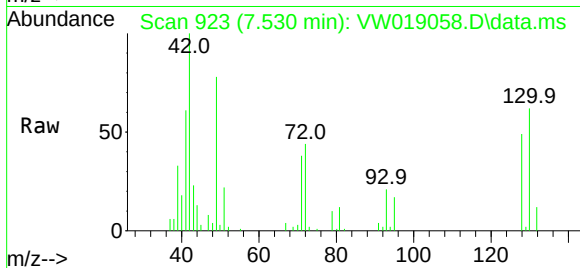
Acq: 21 May 2021 18:55

Tgt Ion:	42	Resp:	13867
Ion	Ratio	Lower	Upper
42	100		
72	47.5	40.1	60.1
71	47.4	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
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#30

Chloroform

Concen: 5.12 ug/l

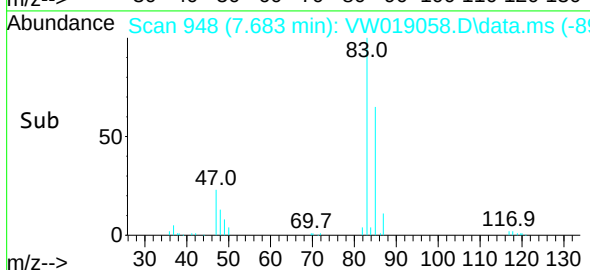
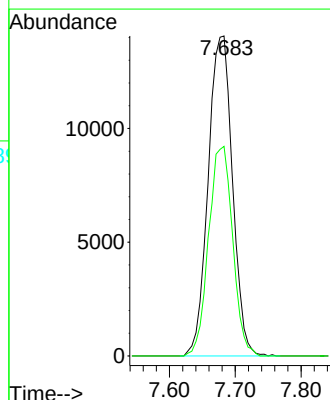
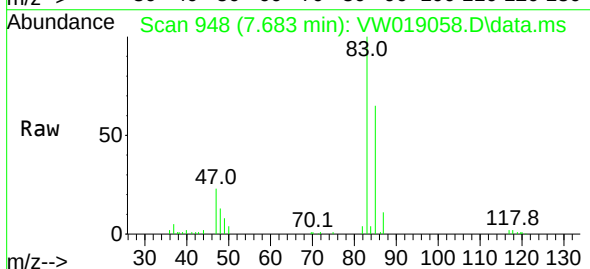
RT: 7.683 min Scan# 948

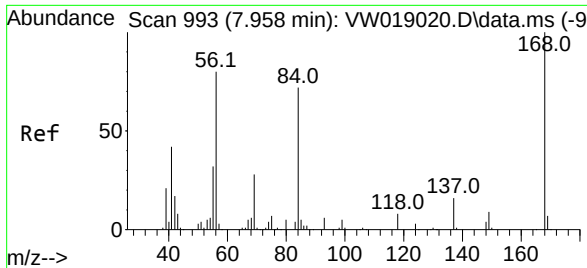
Delta R.T. 0.006 min

Lab File: VW019058.D

Acq: 21 May 2021 18:55

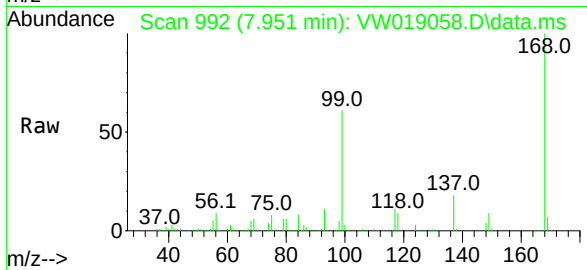
Tgt Ion:	83	Resp:	36211
Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.4	80.0





#31
Cyclohexane
Concen: 5.85 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

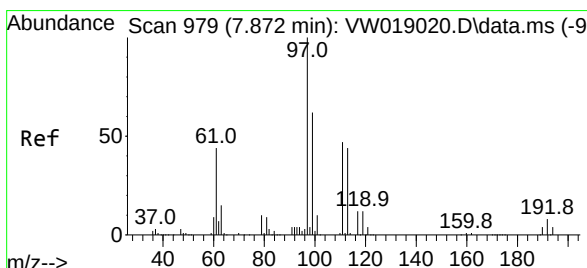
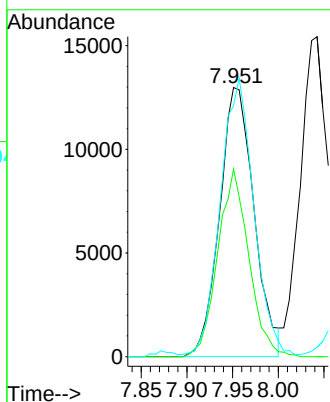
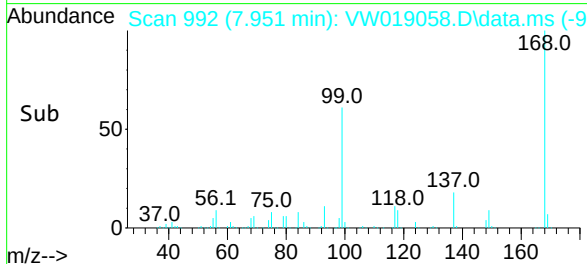
Instrument :
MSVOA_W
ClientSampleId :
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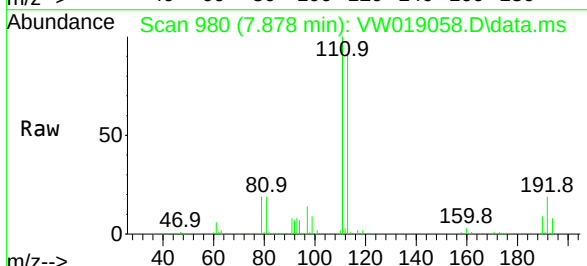
Tgt Ion: 56 Resp: 34056
Ion Ratio Lower Upper
56 100
69 69.8 28.4 42.6#
84 92.6 72.3 108.5

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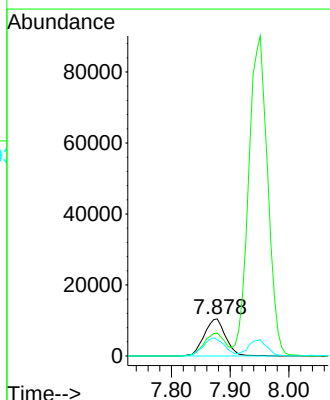
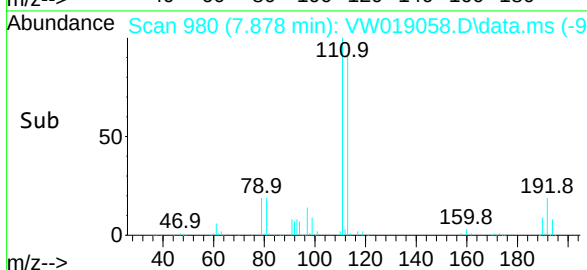
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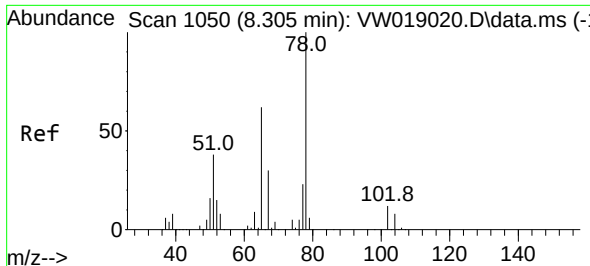


#32
1,1,1-Trichloroethane
Concen: 5.02 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 97 Resp: 26355
Ion Ratio Lower Upper
97 100
99 61.6 52.2 78.4
61 48.6 36.7 55.1





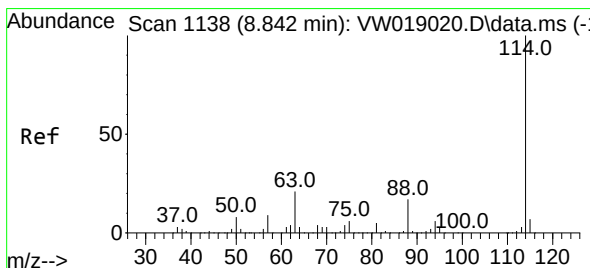
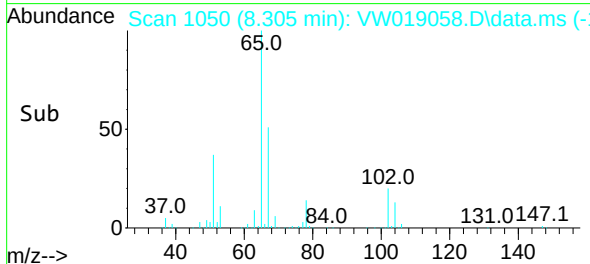
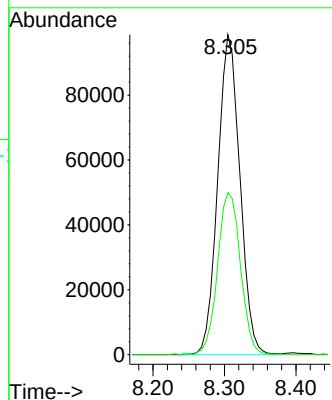
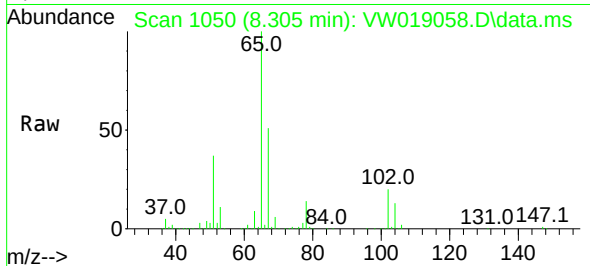
#33
1,2-Dichloroethane-d4
Concen: 61.18 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 65 Resp: 212730
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
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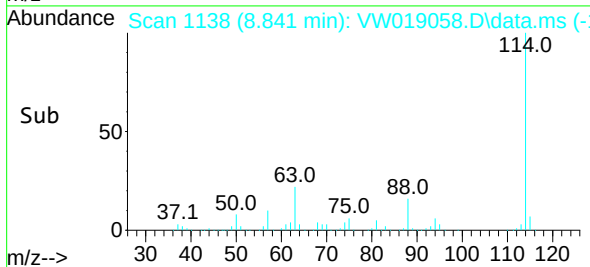
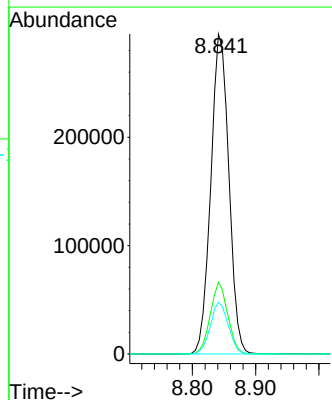
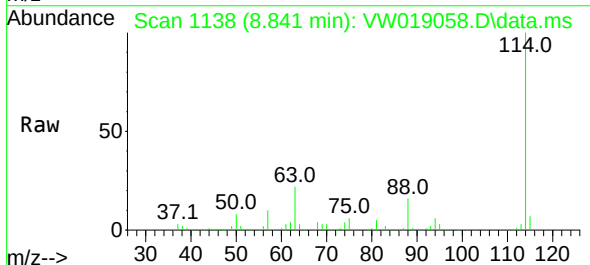
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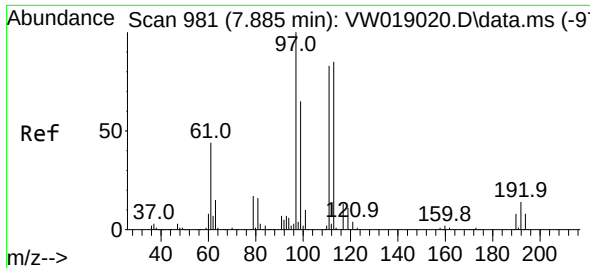
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

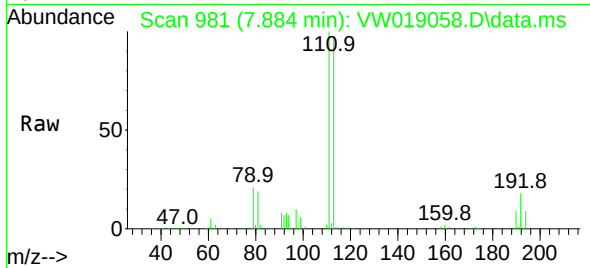
Tgt Ion: 114 Resp: 584558
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.4
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 57.50 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

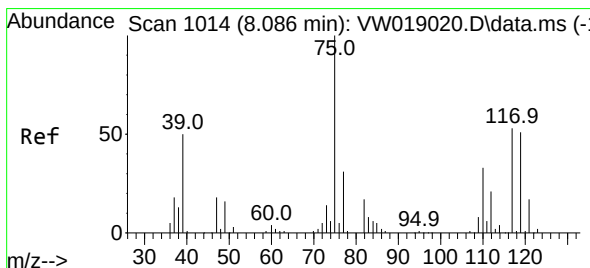
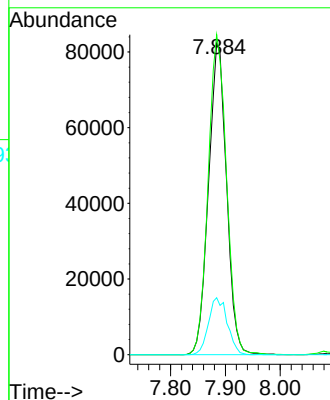
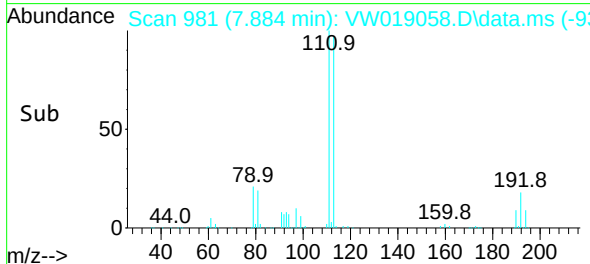
Instrument :
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ClientSampleId :
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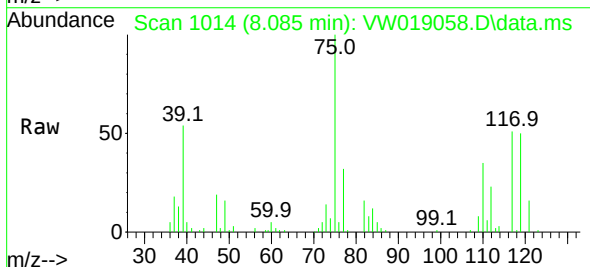
Tgt Ion: 113 Resp: 187139
Ion Ratio Lower Upper
113 100
111 104.9 82.3 123.5
192 19.1 15.3 22.9

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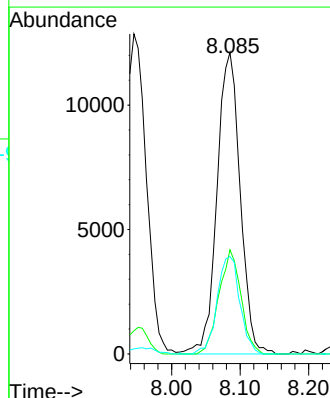
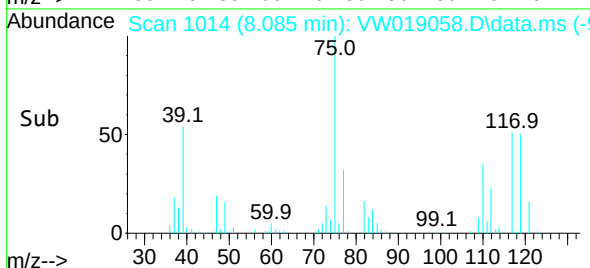
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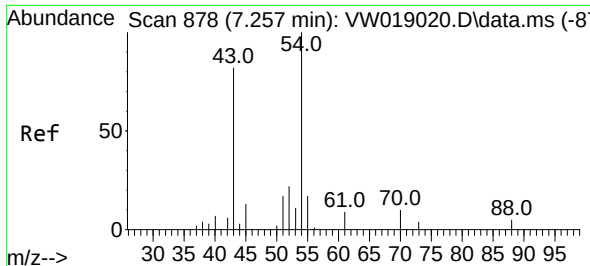


#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 75 Resp: 28403
Ion Ratio Lower Upper
75 100
110 32.7 17.1 51.2
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 5.80 ug/l

RT: 7.262 min Scan# 879

Delta R.T. 0.006 min

Lab File: VW019058.D

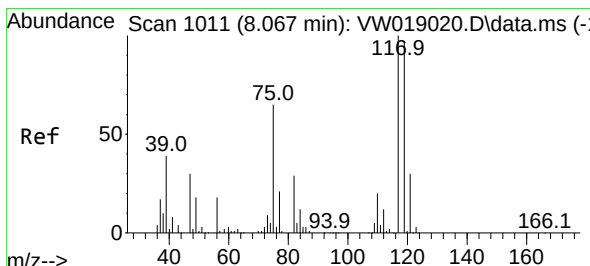
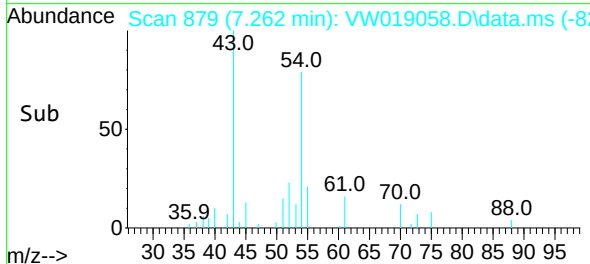
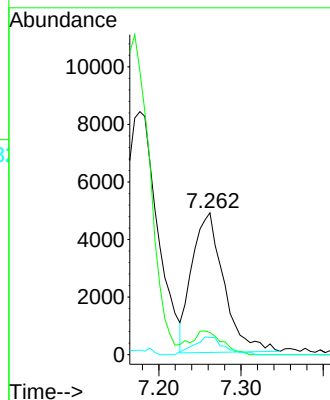
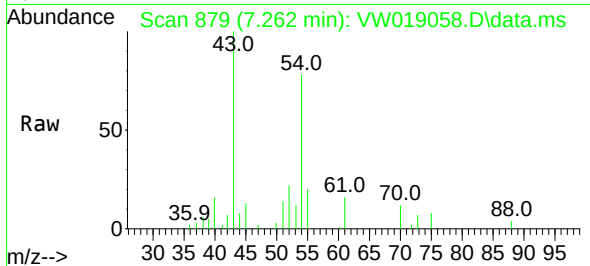
Acq: 21 May 2021 18:55

Tgt Ion:	43	Resp:	13072
Ion Ratio	Lower	Upper	
43	100		
61	16.6	12.2	18.4
70	12.0	9.5	14.3

Instrument :
MSVOA_W
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 4.51 ug/l

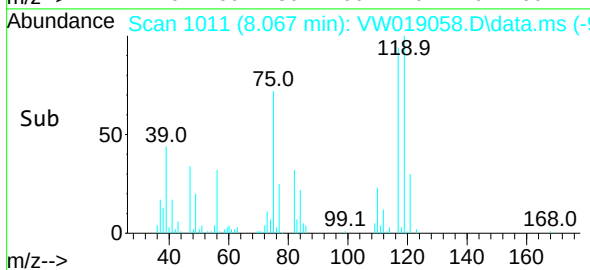
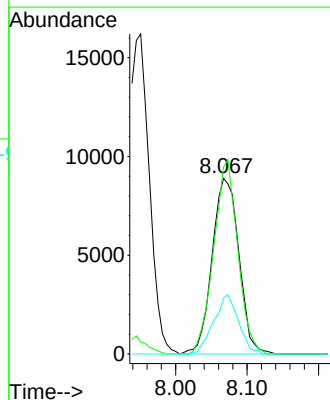
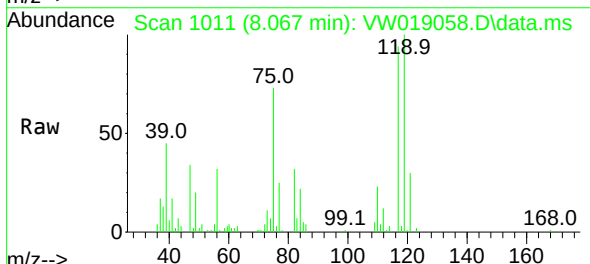
RT: 8.067 min Scan# 1011

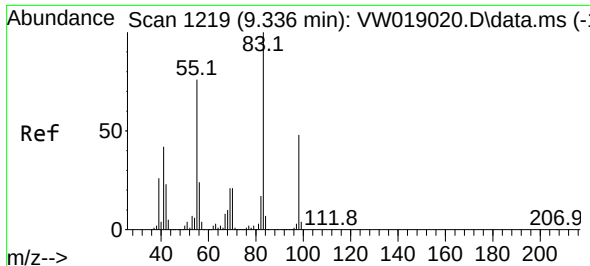
Delta R.T. -0.001 min

Lab File: VW019058.D

Acq: 21 May 2021 18:55

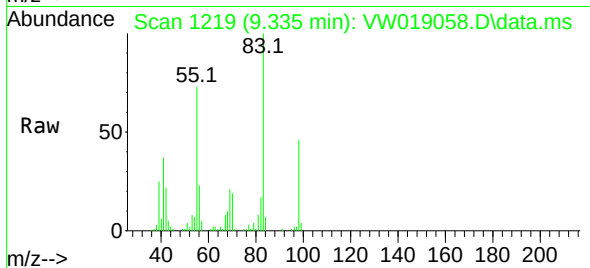
Tgt Ion:	117	Resp:	23131
Ion Ratio	Lower	Upper	
117	100		
119	106.6	77.4	116.0
121	31.9	23.6	35.4





#39
Methylcyclohexane
Concen: 4.76 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

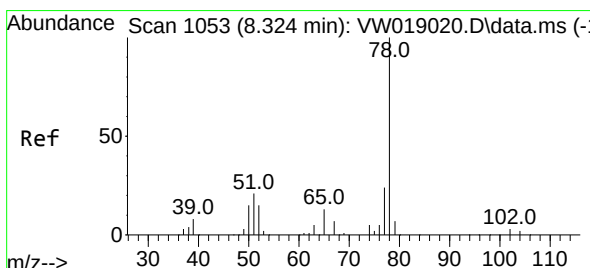
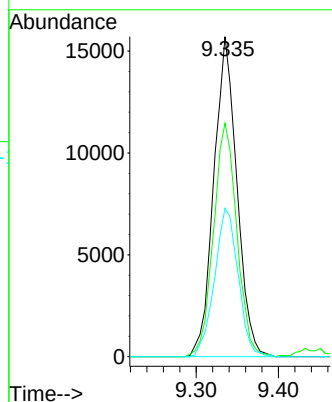
Instrument :
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ClientSampleId :
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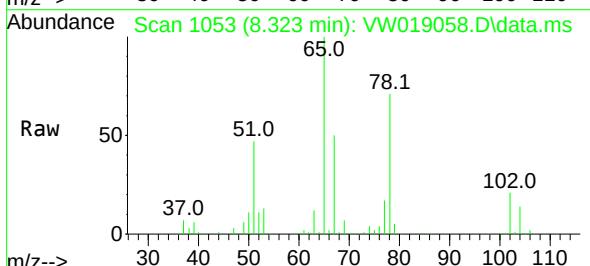
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.9	60.9	91.3
98	46.4	38.4	57.6

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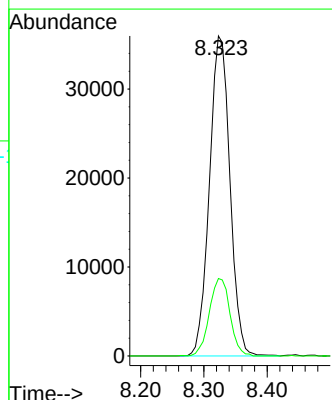
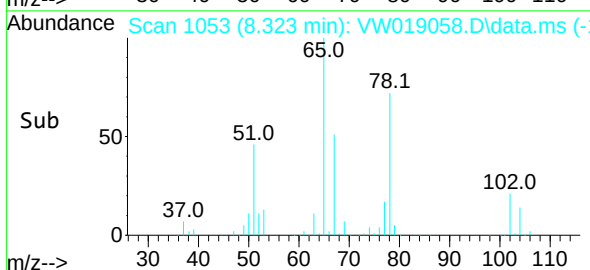
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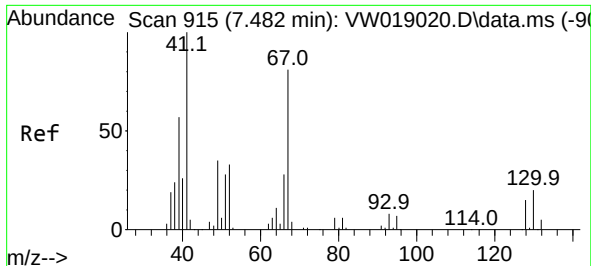


#40
Benzene
Concen: 4.98 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

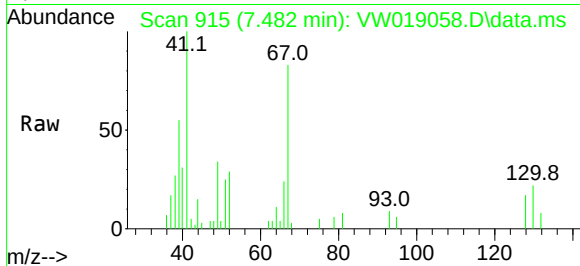


Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4

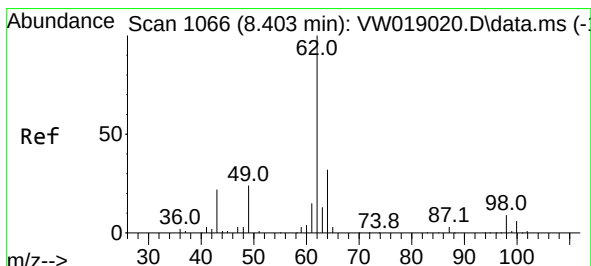
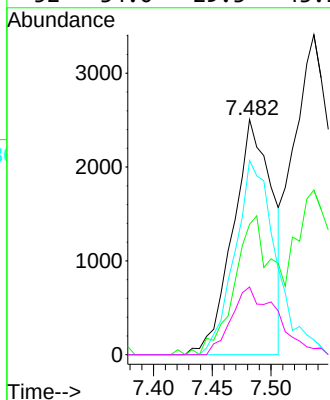
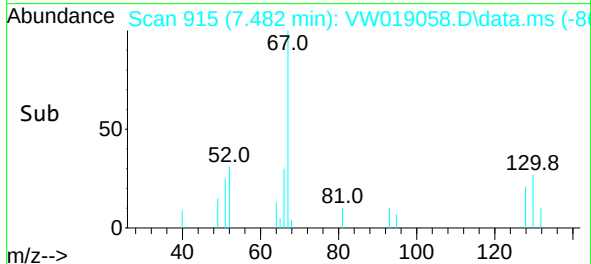




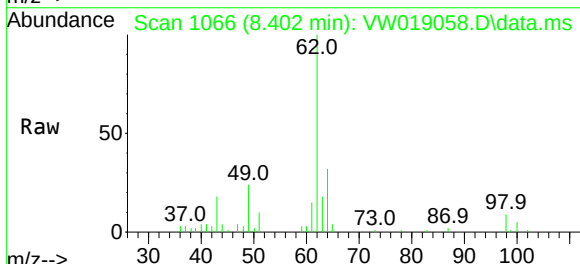
#41
Methacrylonitrile
Concen: 4.73 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



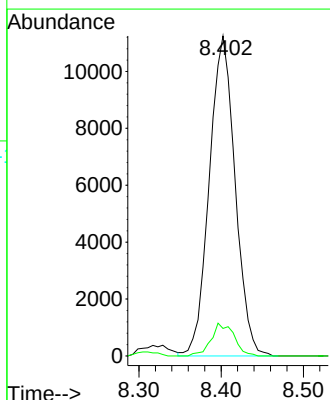
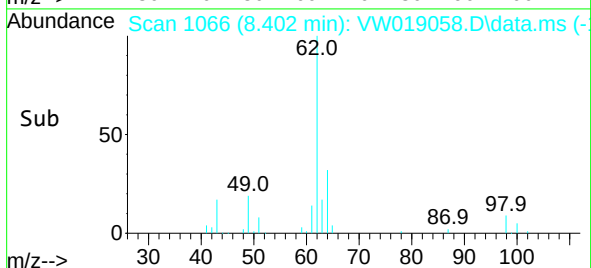
Tgt Ion:	41	Resp:	5814
Ion Ratio	Lower	Upper	
41	100		
39	60.4	50.1	75.1
67	86.5	69.0	103.4
52	34.0	29.3	43.9



#42
1,2-Dichloroethane
Concen: 5.10 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



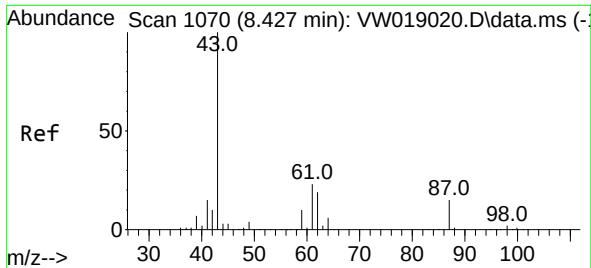
Tgt Ion:	62	Resp:	24605
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
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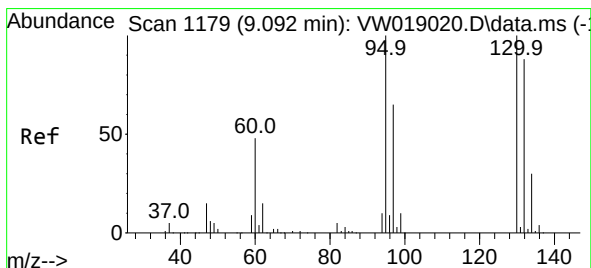
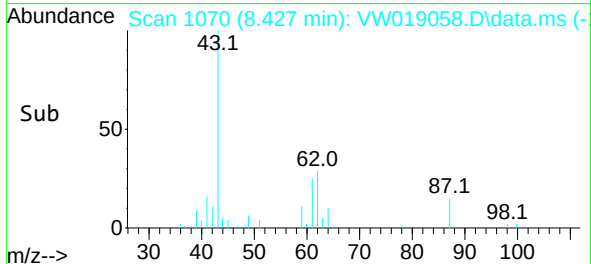
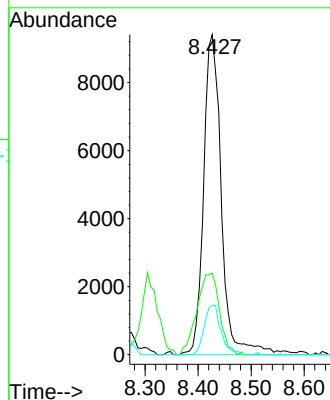
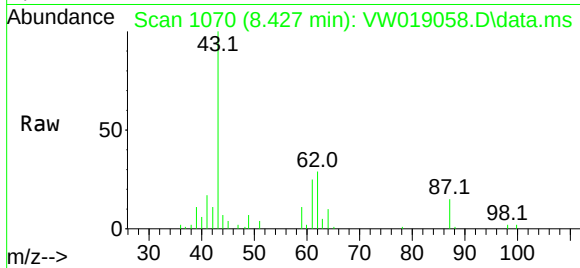
#43
Isopropyl Acetate
Concen: 5.19 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:	43	Resp:	21807
Ion Ratio	Lower	Upper	
43	100		
61	32.5	27.0	40.6
87	14.5	11.6	17.4

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

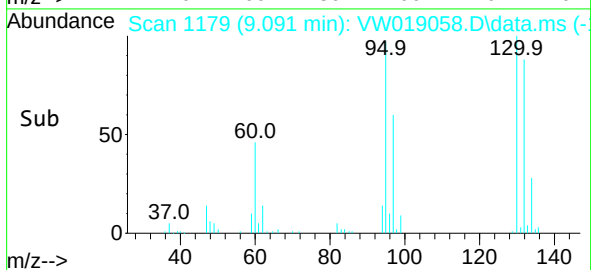
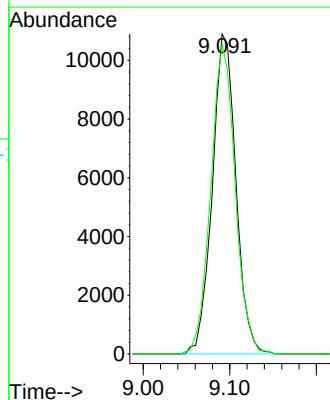
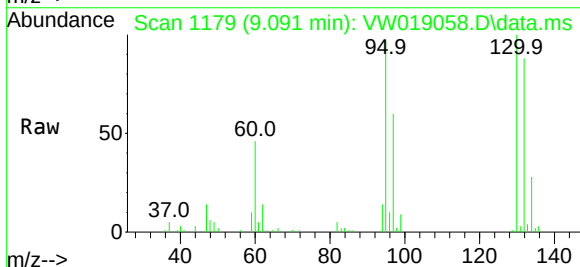
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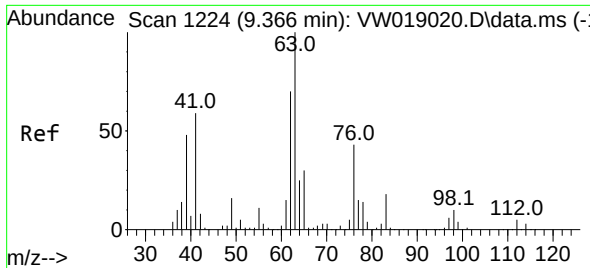
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#44
Trichloroethene
Concen: 4.92 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:	130	Resp:	20655
Ion Ratio	Lower	Upper	
130	100		
95	96.8	0.0	199.0





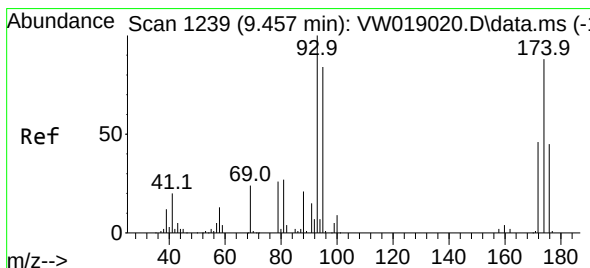
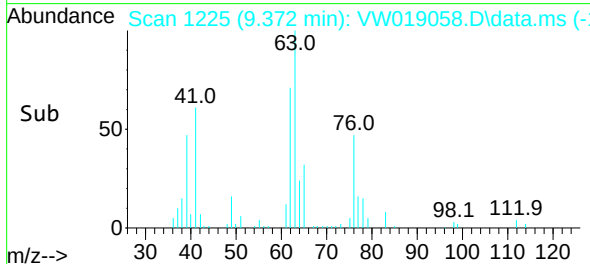
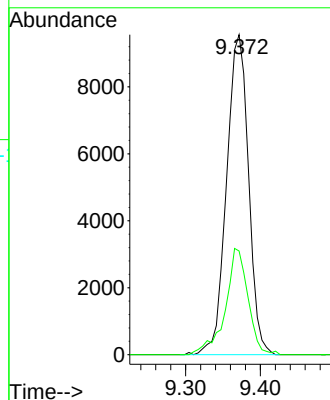
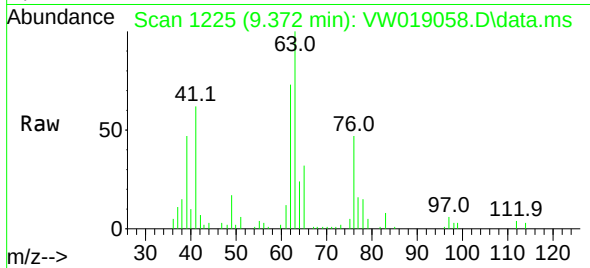
#45
1,2-Dichloropropane
Concen: 4.97 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 63 Resp: 19568
Ion Ratio Lower Upper
63 100
65 32.4 24.1 36.1

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

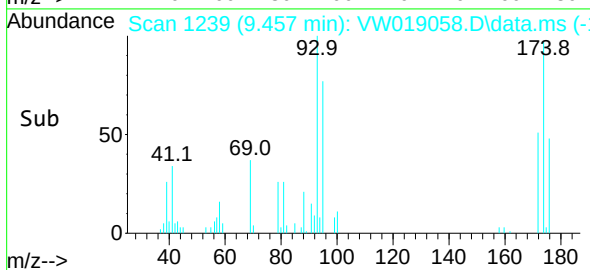
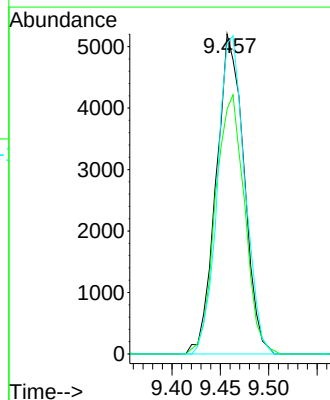
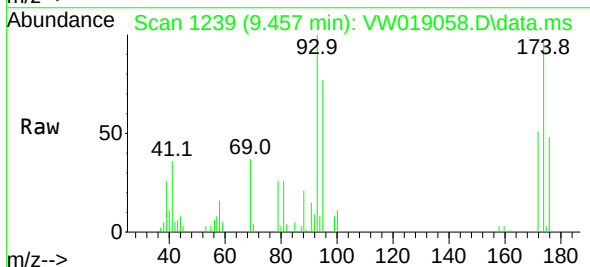
Manual Integrations
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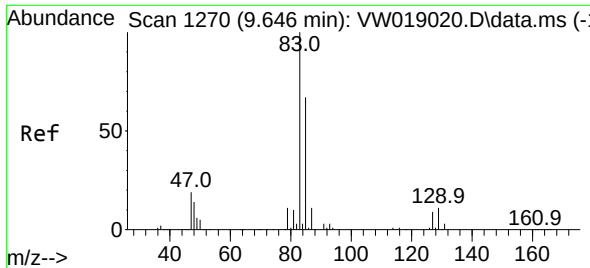
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#46
Dibromomethane
Concen: 4.84 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

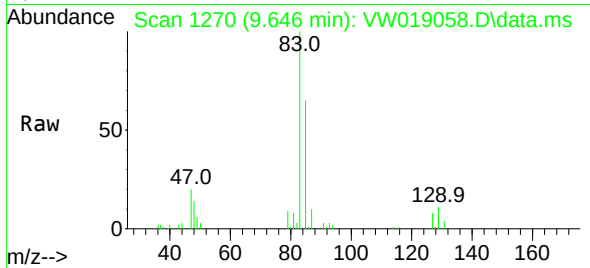
Tgt Ion: 93 Resp: 10347
Ion Ratio Lower Upper
93 100
95 84.7 66.7 100.1
174 98.0 75.3 112.9





#47
Bromodichloromethane
Concen: 4.73 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

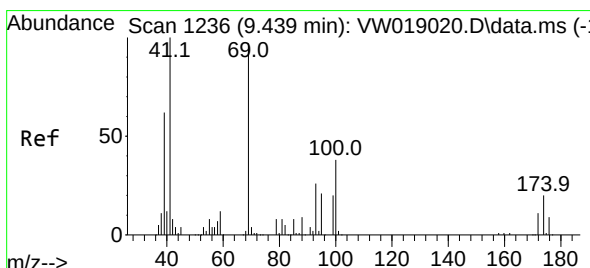
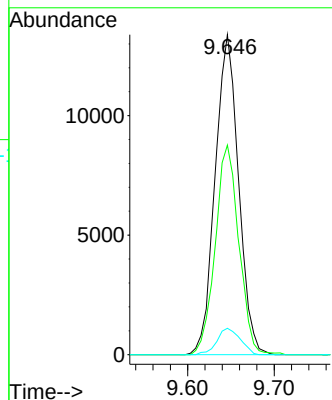
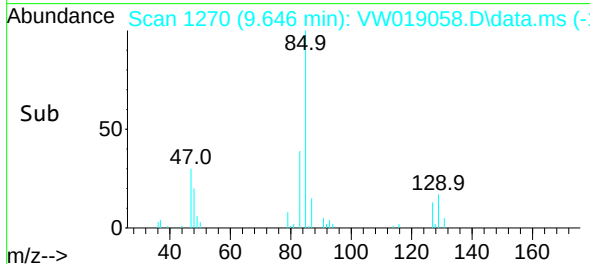
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



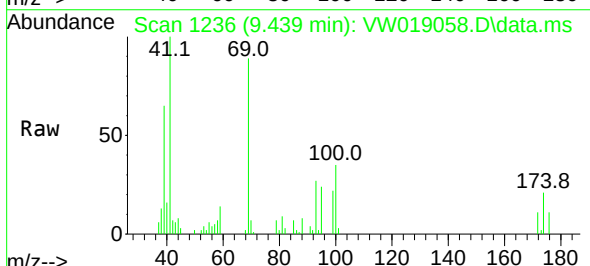
Tgt Ion: 83 Resp: 25137
Ion Ratio Lower Upper
83 100
85 65.5 53.4 80.2
127 8.3 7.0 10.6

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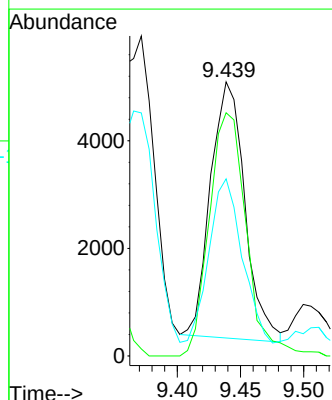
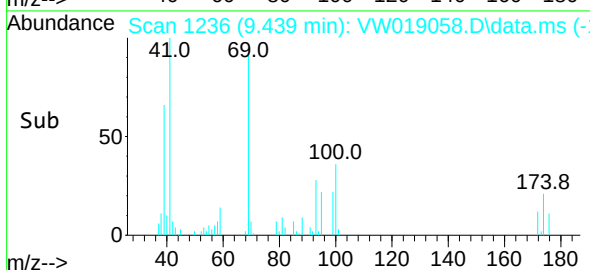
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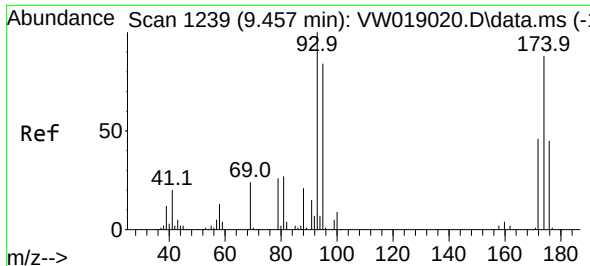


#48
Methyl methacrylate
Concen: 4.65 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



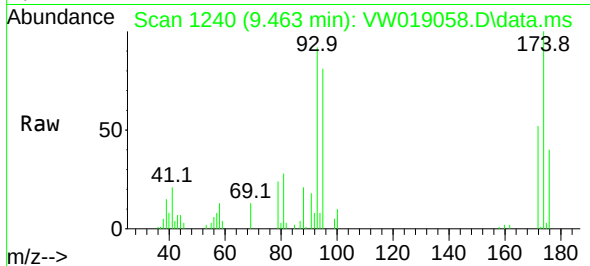
Tgt Ion: 41 Resp: 8976
Ion Ratio Lower Upper
41 100
69 103.1 80.2 120.2
39 64.0 51.5 77.3





#49
1,4-Dioxane
Concen: 109.89 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

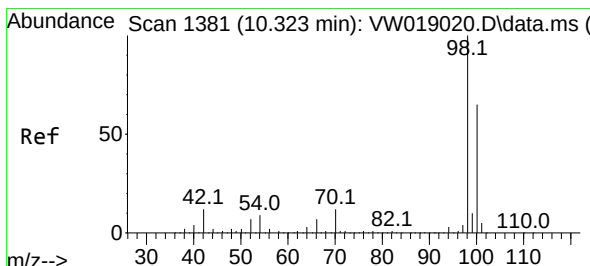
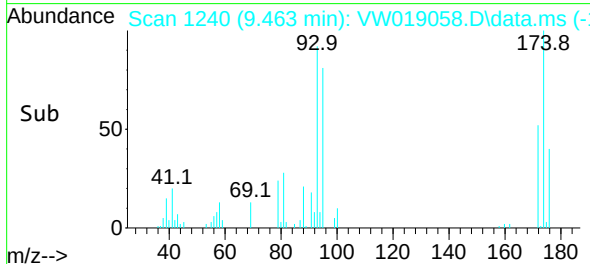
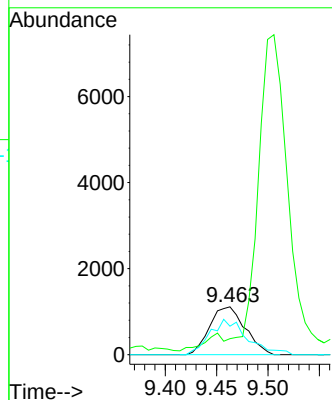
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 88 Resp: 2677
Ion Ratio Lower Upper
88 100
43 19.5 22.1 33.1#
58 77.5 55.4 83.2

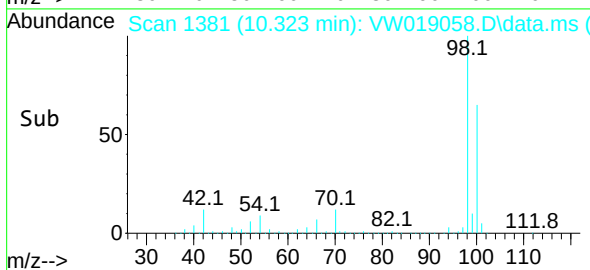
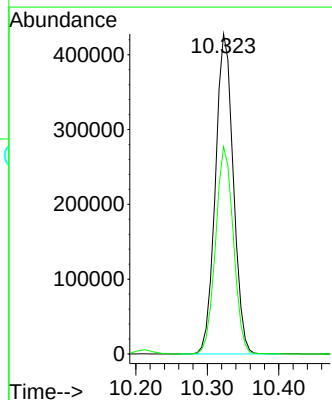
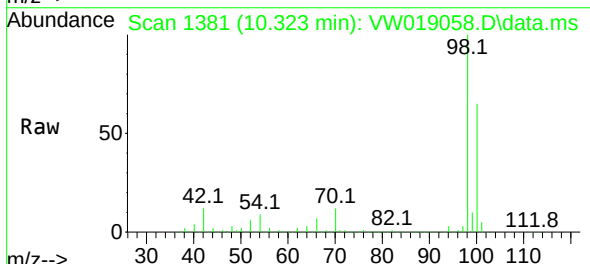
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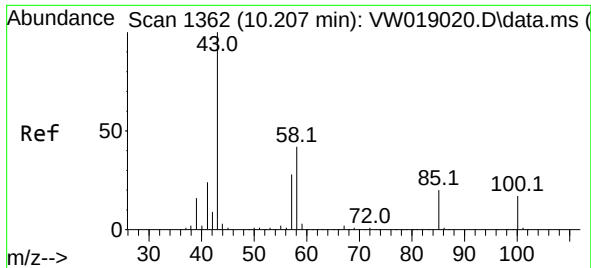
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#50
Toluene-d8
Concen: 57.99 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 98 Resp: 742871
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





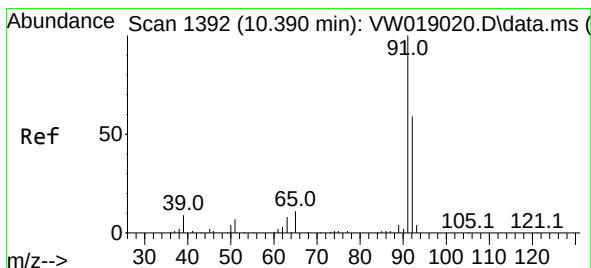
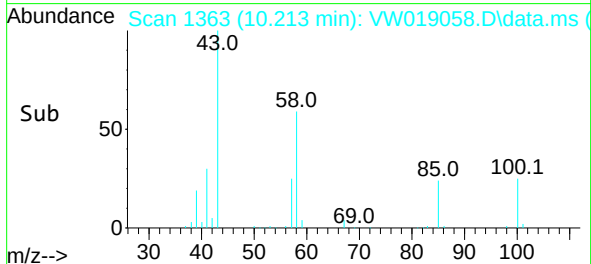
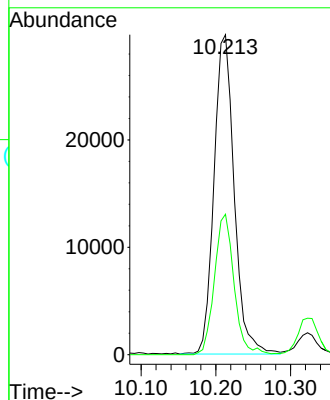
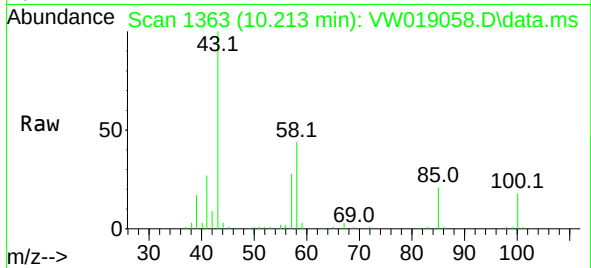
#51
4-Methyl-2-Pentanone
Concen: 25.69 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 43 Resp: 55903
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.4

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

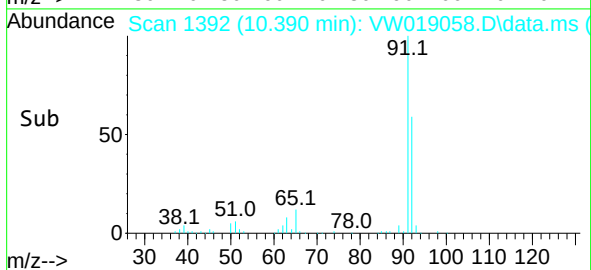
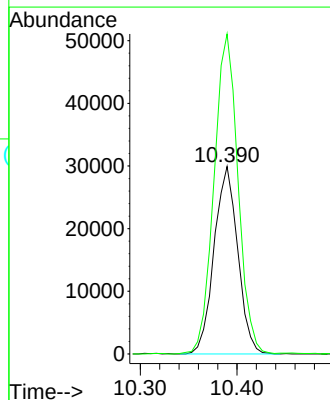
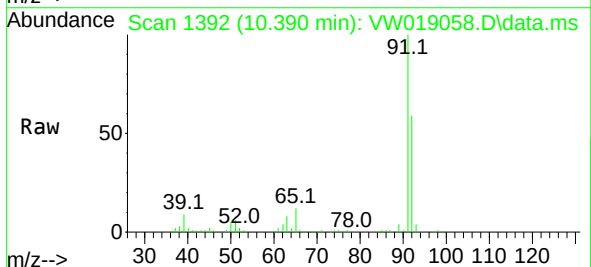
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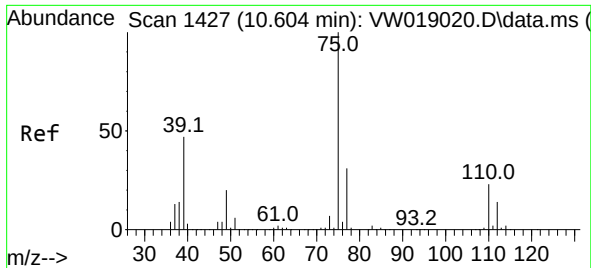
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#52
Toluene
Concen: 4.91 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 92 Resp: 50688
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





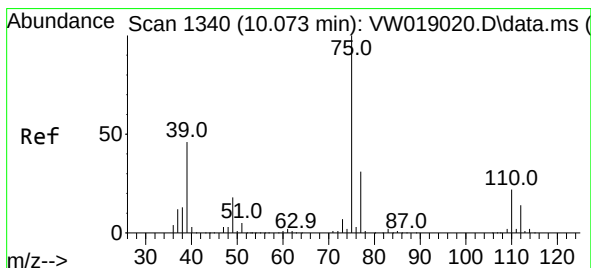
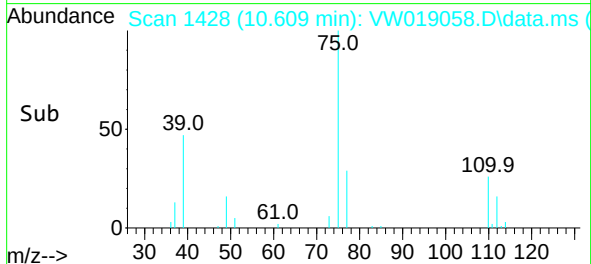
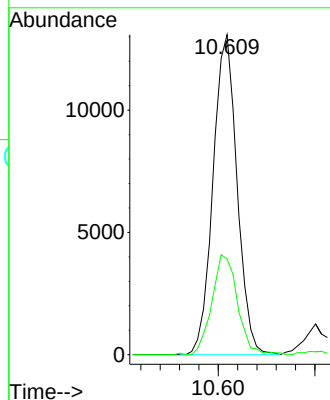
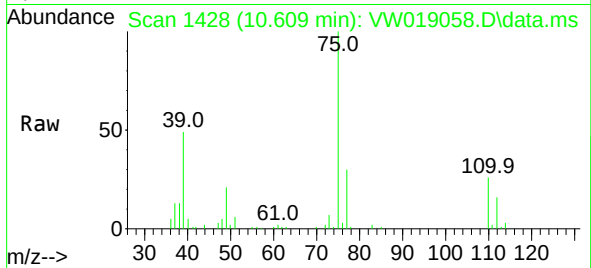
#53
 t-1,3-Dichloropropene
 Concen: 4.31 ug/l
 RT: 10.609 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

Tgt Ion: 75 Resp: 22543
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.8 37.2

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

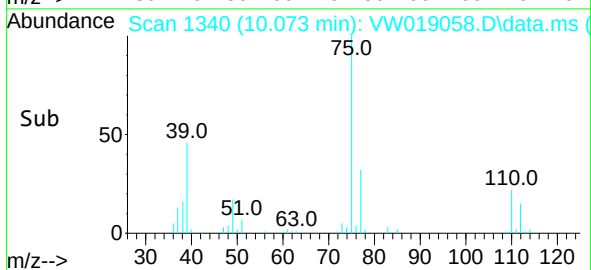
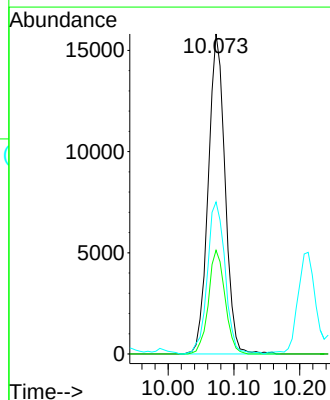
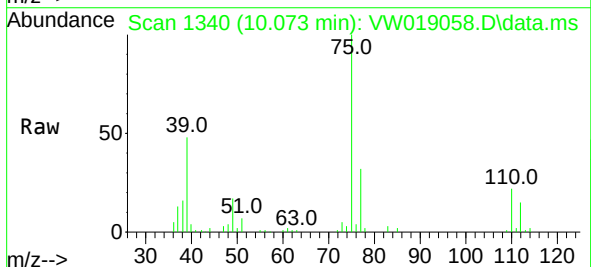
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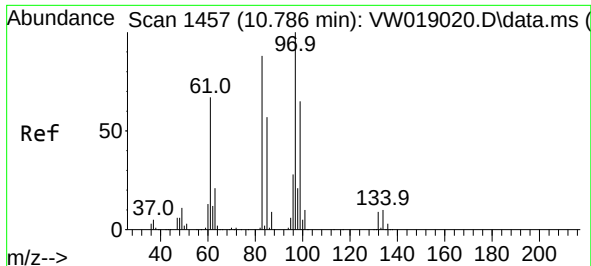
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#54
 cis-1,3-Dichloropropene
 Concen: 4.52 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.001 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

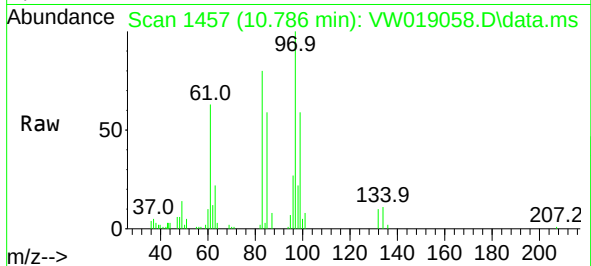
Tgt Ion: 75 Resp: 28111
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6
 39 47.5 36.9 55.3





#55
1,1,2-Trichloroethane
Concen: 4.95 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

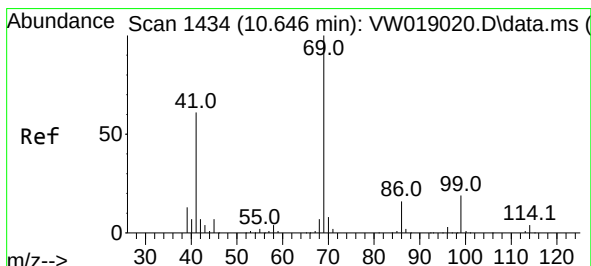
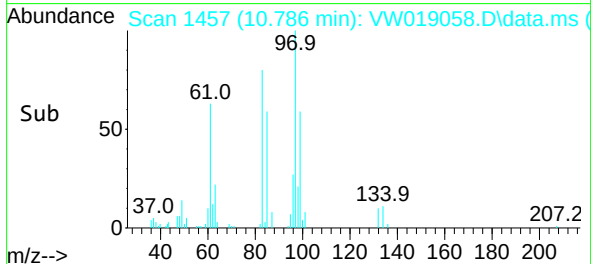
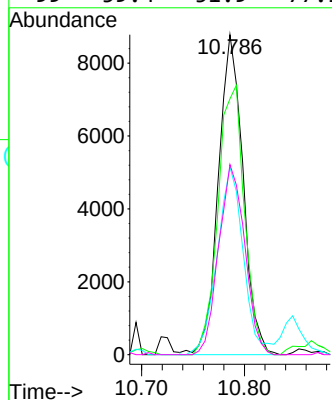
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:	97	Resp:	14616
Ion	Ratio	Lower	Upper
97	100		
83	80.0	70.6	106.0
85	58.7	45.8	68.6
99	59.4	51.9	77.9

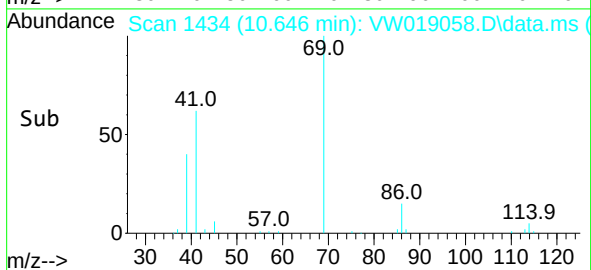
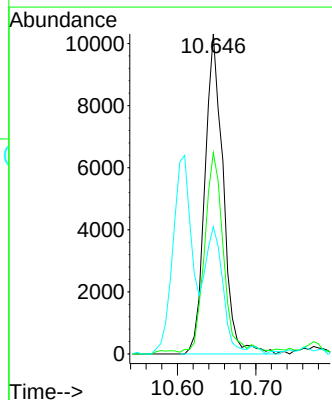
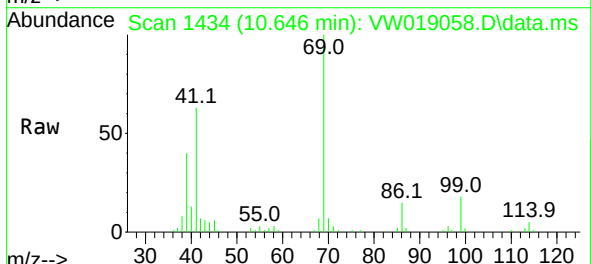
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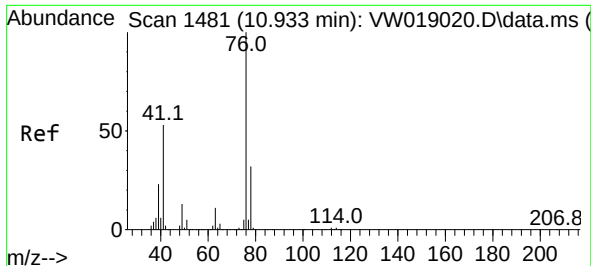
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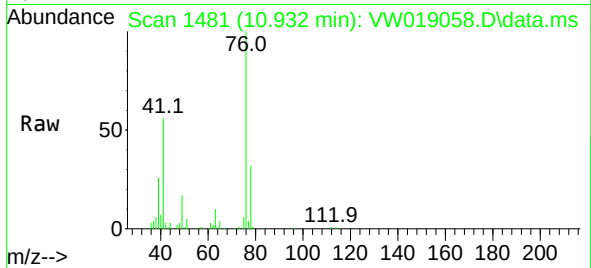
#56
Ethyl methacrylate
Concen: 4.49 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:	69	Resp:	16654
Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.7	73.1
39	38.7	29.0	43.4

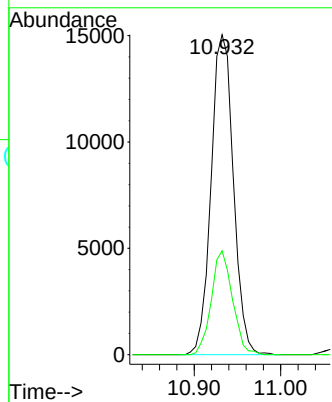
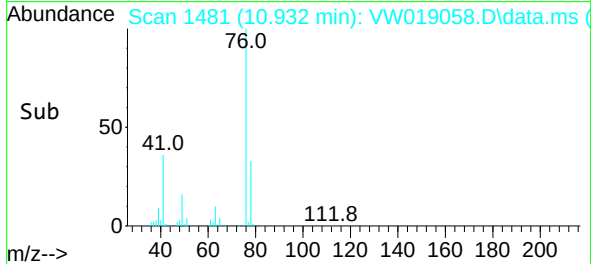




#57
1,3-Dichloropropane
Concen: 5.09 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



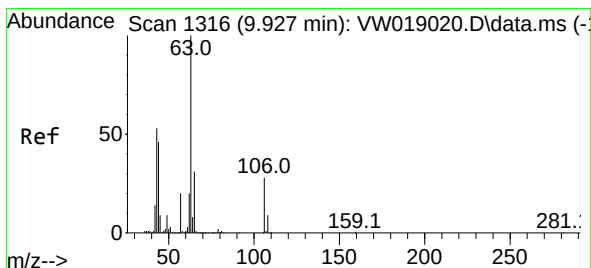
Tgt Ion: 76 Resp: 26886
Ion Ratio Lower Upper
76 100
78 30.8 25.5 38.3



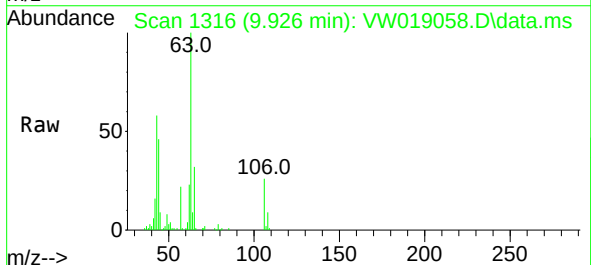
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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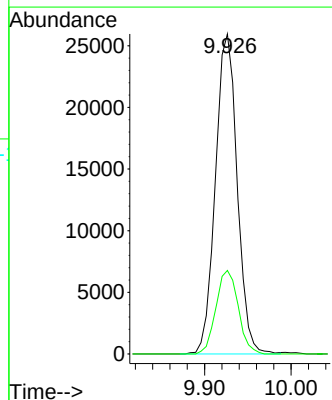
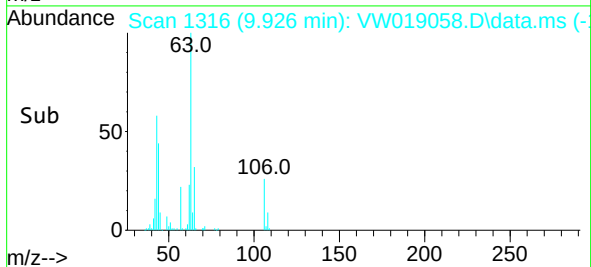
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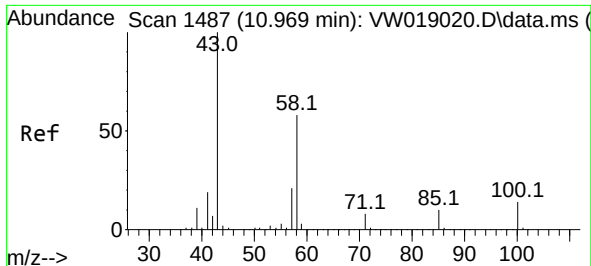


#58
2-Chloroethyl Vinyl ether
Concen: 23.63 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 63 Resp: 45333
Ion Ratio Lower Upper
63 100
106 26.7 22.3 33.5





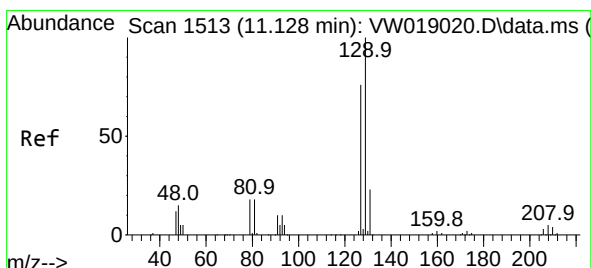
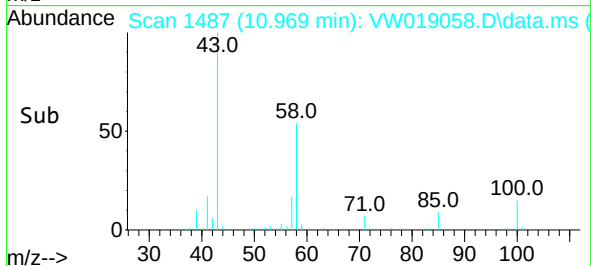
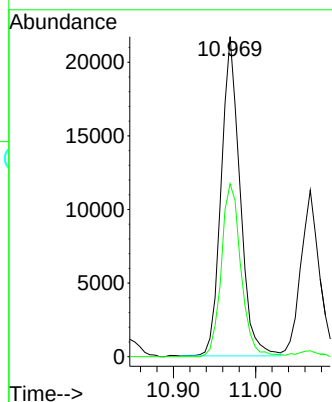
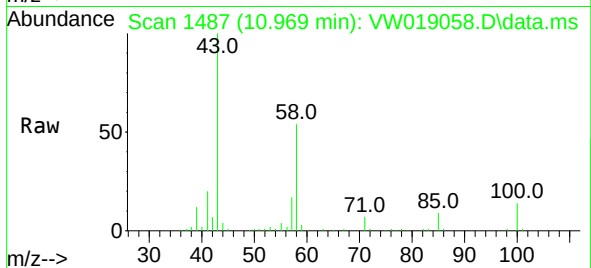
#59
2-Hexanone
Concen: 23.85 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 43 Resp: 34497
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1

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

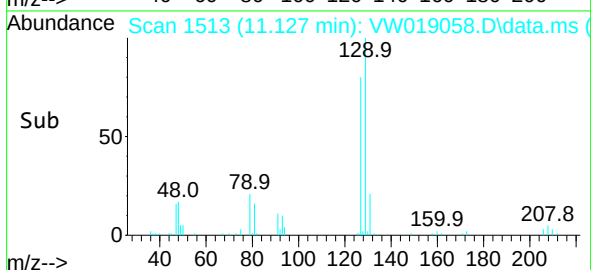
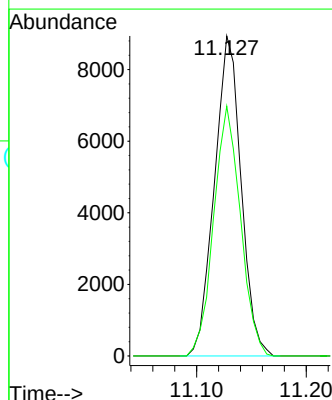
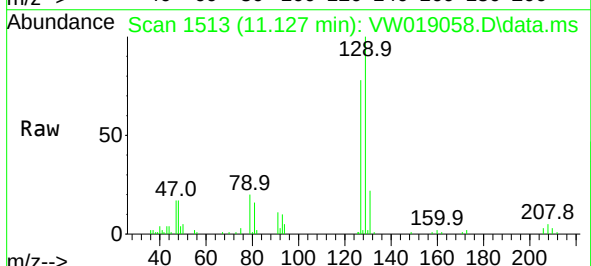
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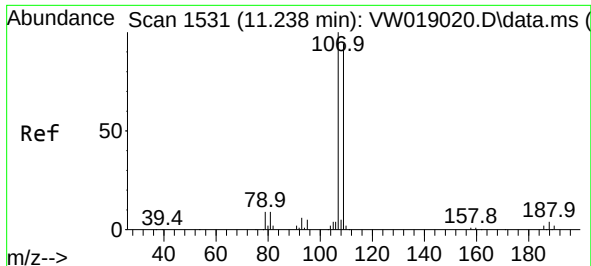
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#60
Dibromochloromethane
Concen: 4.57 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

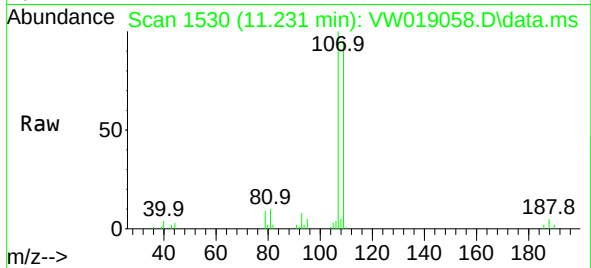
Tgt Ion: 129 Resp: 15112
Ion Ratio Lower Upper
129 100
127 78.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 4.88 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

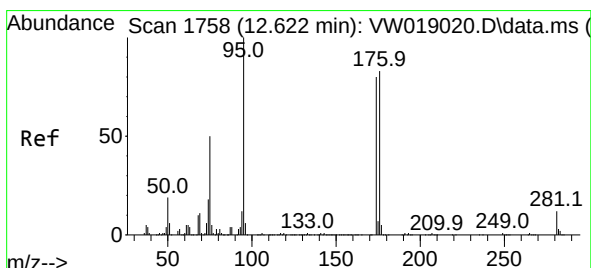
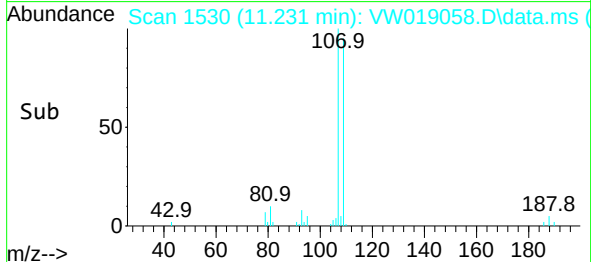
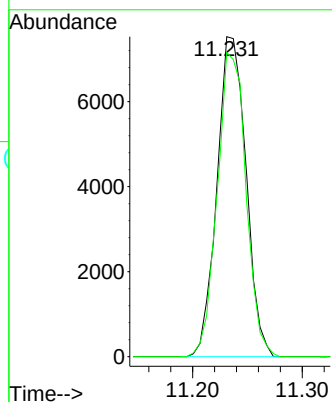
Instrument :
MSVOA_W
ClientSampleId :
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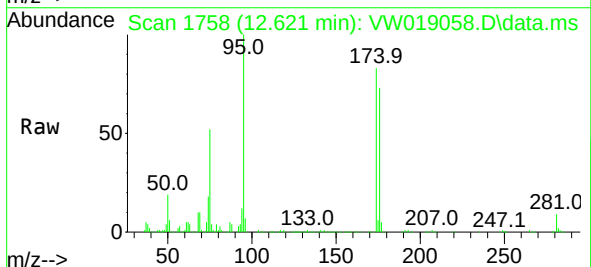
Tgt Ion:107 Resp: 13877
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9

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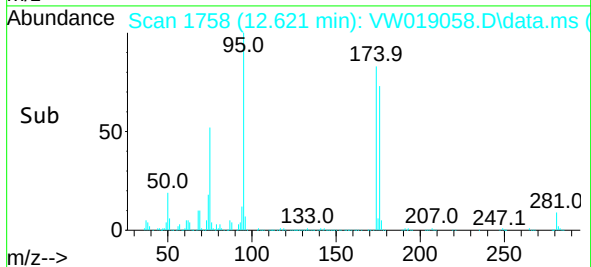
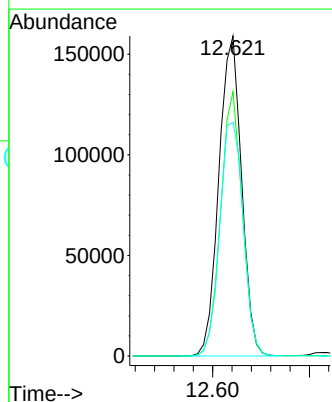
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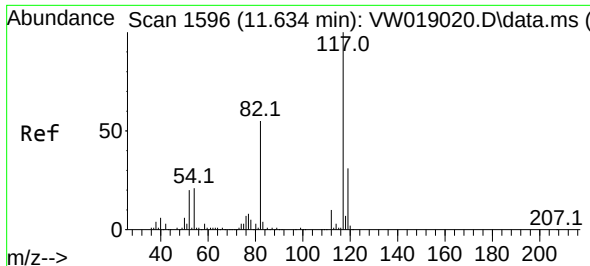


#62
4-Bromofluorobenzene
Concen: 55.89 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



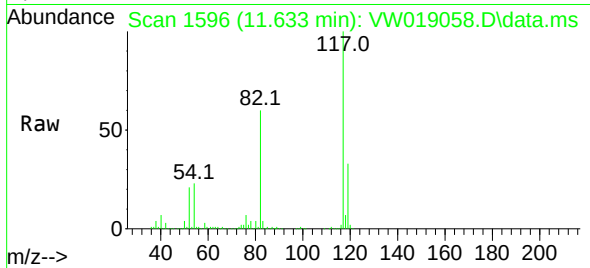
Tgt Ion: 95 Resp: 258083
Ion Ratio Lower Upper
95 100
174 78.7 0.0 156.2
176 76.0 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

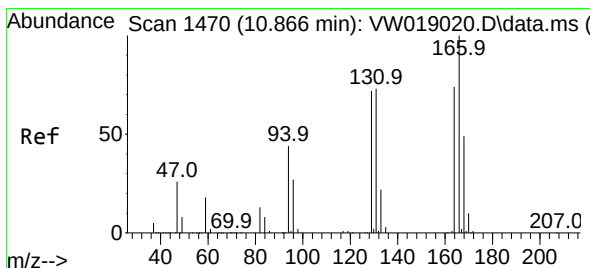
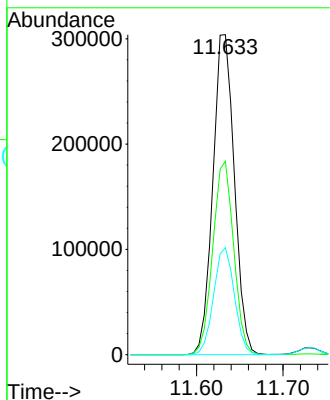
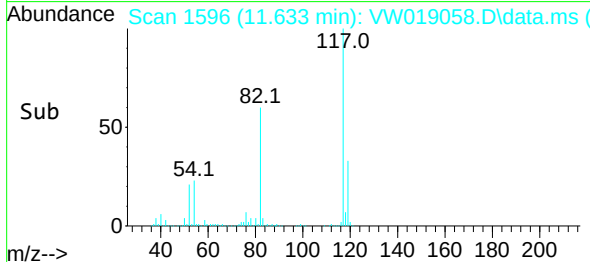
Instrument :
MSVOA_W
ClientSampleId :
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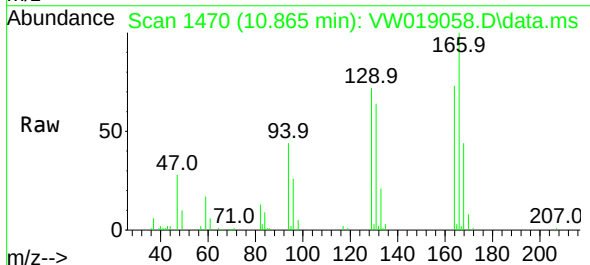
Tgt Ion:117 Resp: 524130
Ion Ratio Lower Upper
117 100
82 60.4 44.4 66.6
119 33.4 24.6 36.8

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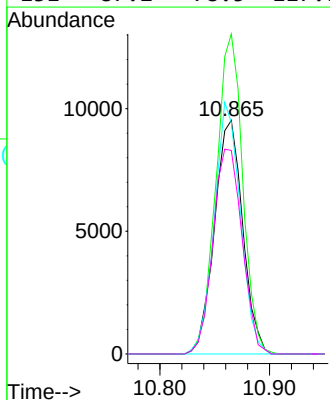
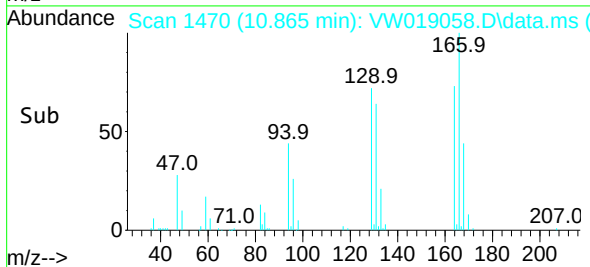
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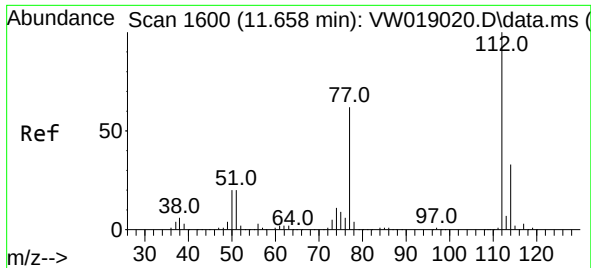


#64
Tetrachloroethene
Concen: 4.99 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



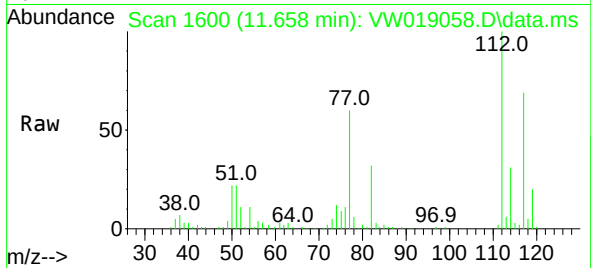
Tgt Ion:164 Resp: 16984
Ion Ratio Lower Upper
164 100
166 137.0 107.8 161.8
129 99.1 77.3 115.9
131 87.2 78.5 117.7





#65
Chlorobenzene
Concen: 4.92 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

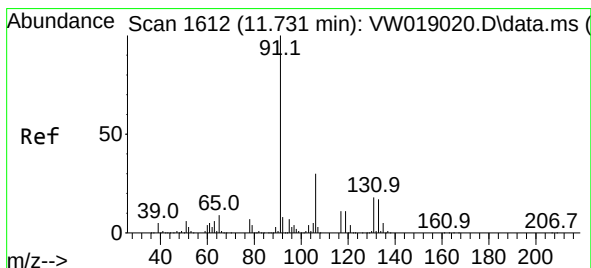
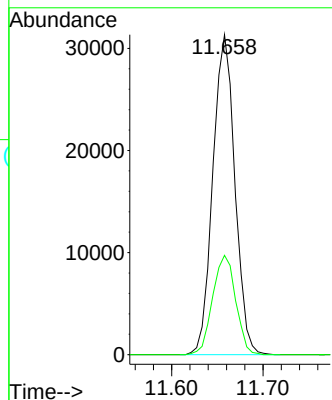
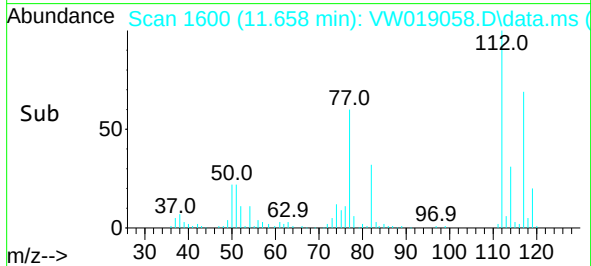
Instrument :
MSVOA_W
ClientSampleId :
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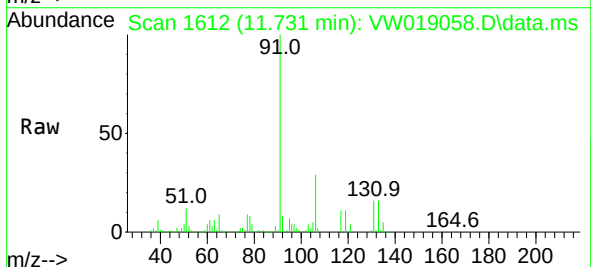
Tgt Ion:112 Resp: 52473
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6

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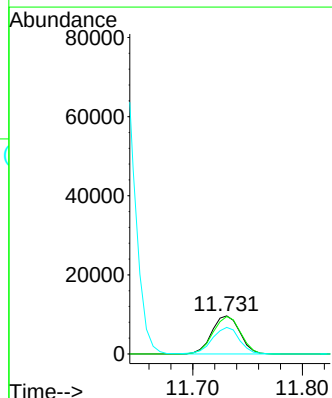
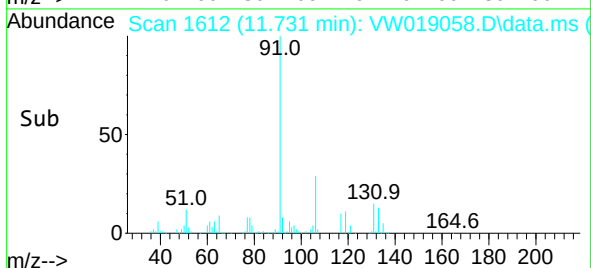
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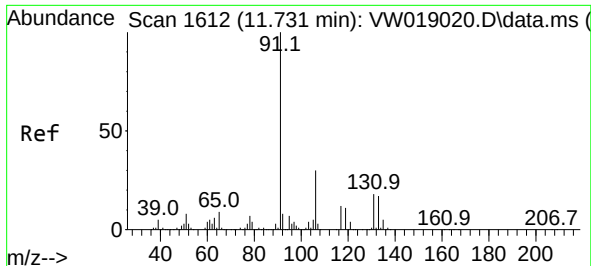


#66
1,1,1,2-Tetrachloroethane
Concen: 4.68 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



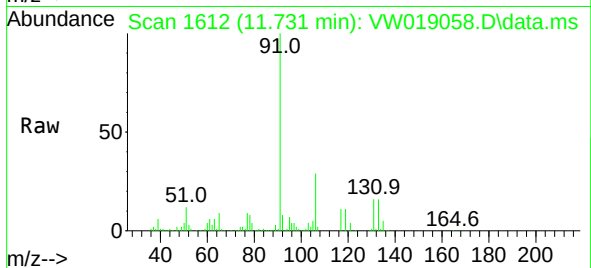
Tgt Ion:131 Resp: 17045
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 68.0 33.1 99.2





#67
Ethyl Benzene
Concen: 4.80 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

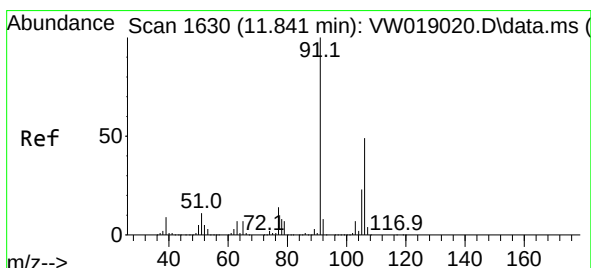
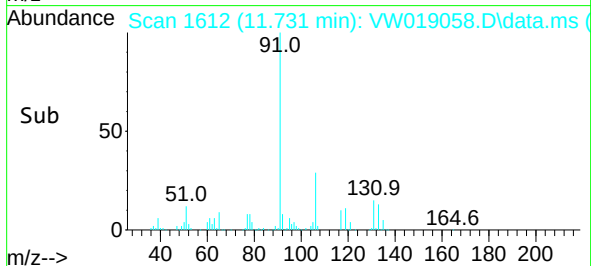
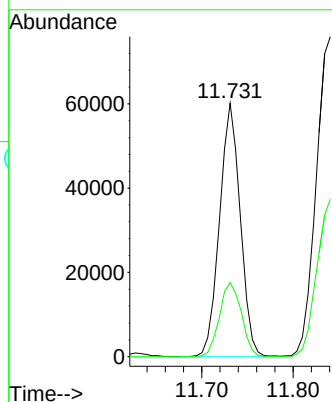
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 91 Resp: 94767
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0

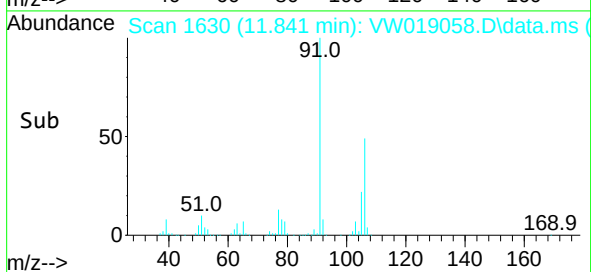
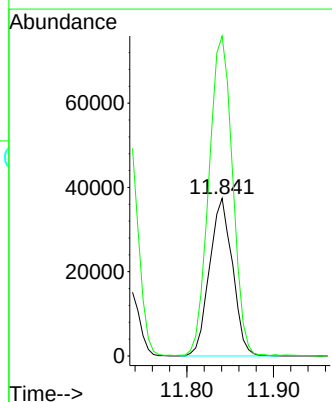
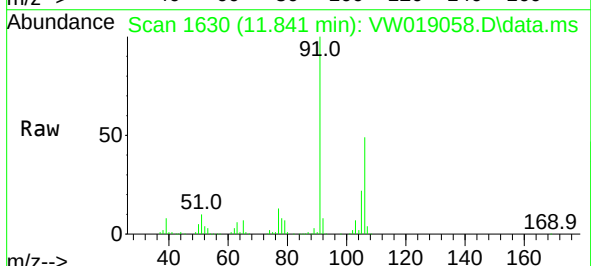
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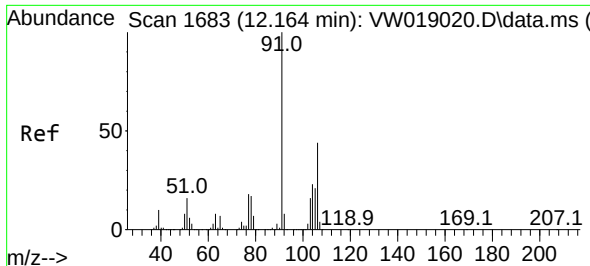
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#68
m/p-Xylenes
Concen: 9.31 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

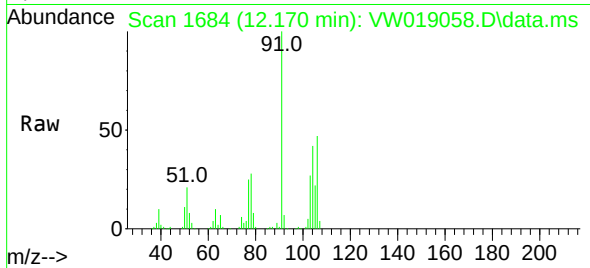
Tgt Ion: 106 Resp: 68988
Ion Ratio Lower Upper
106 100
91 208.6 164.2 246.2





#69
o-Xylene
Concen: 4.74 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

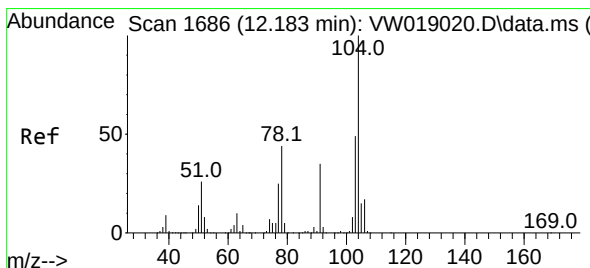
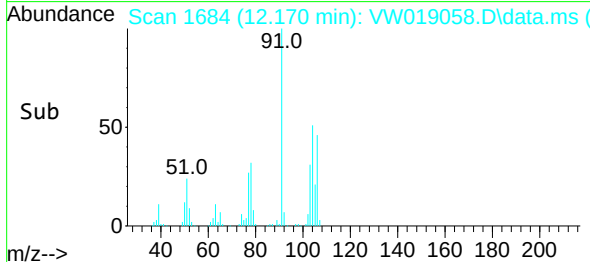
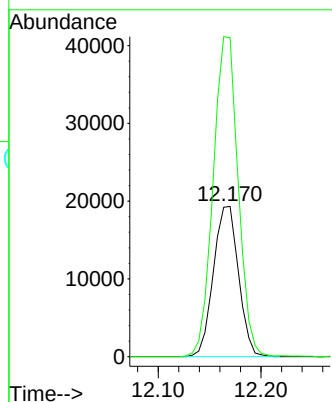
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:106 Resp: 32725
Ion Ratio Lower Upper
106 100
91 212.8 109.1 327.2

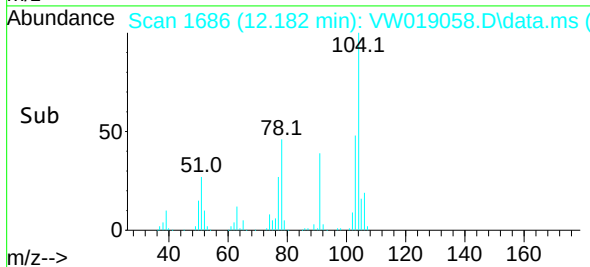
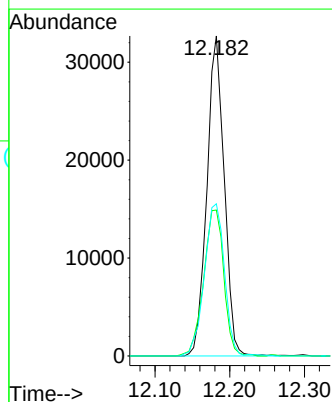
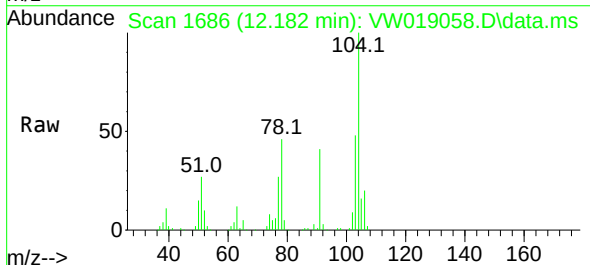
Manual Integrations
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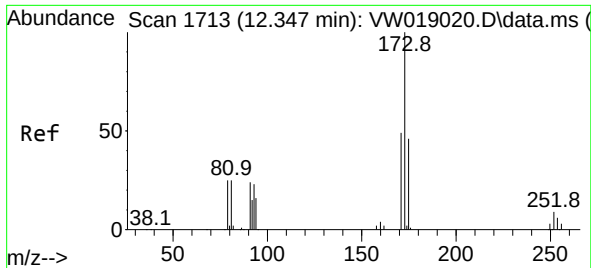
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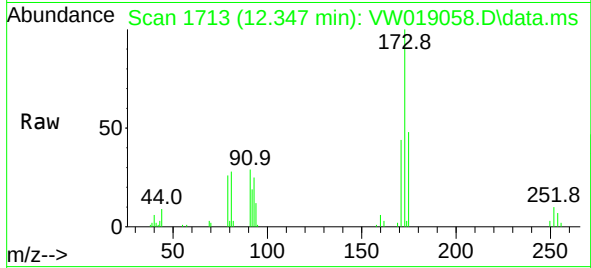
#70
Styrene
Concen: 4.49 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:104 Resp: 52627
Ion Ratio Lower Upper
104 100
78 53.2 41.3 61.9
103 55.3 44.1 66.1

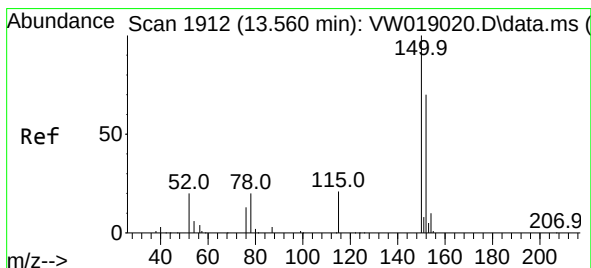
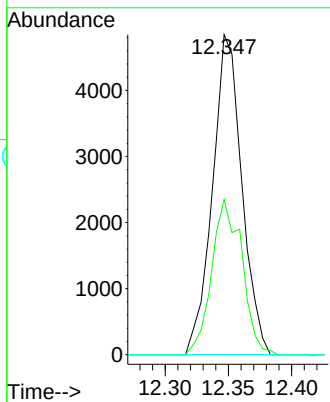
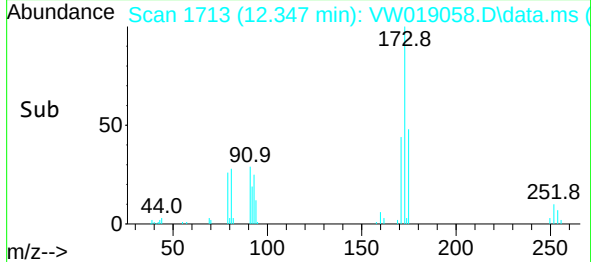




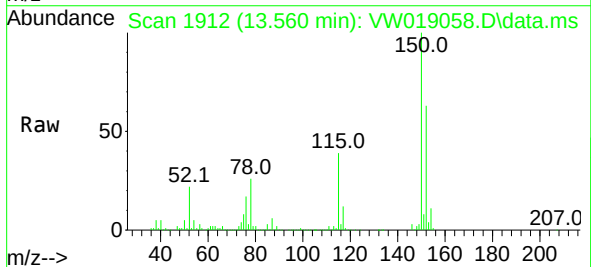
#71
Bromoform
Concen: 4.28 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



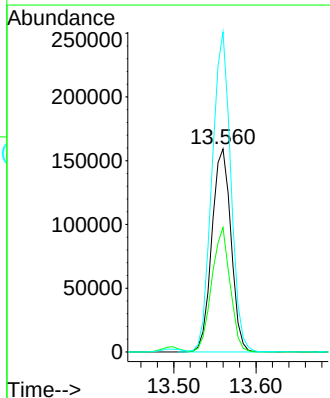
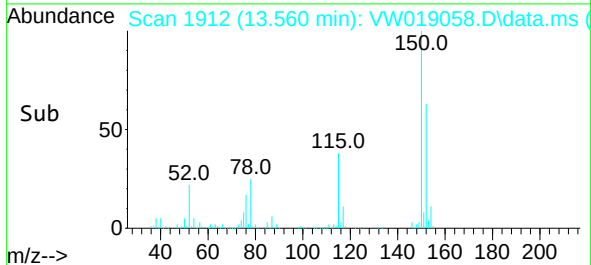
Tgt Ion:173 Resp: 7809
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



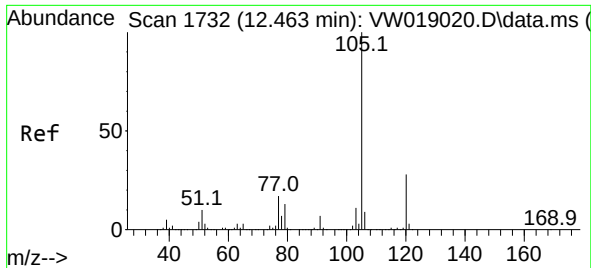
Tgt Ion:152 Resp: 257228
Ion Ratio Lower Upper
152 100
115 58.7 30.3 90.8
150 154.5 0.0 356.0



Instrument :
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ClientSampleId :
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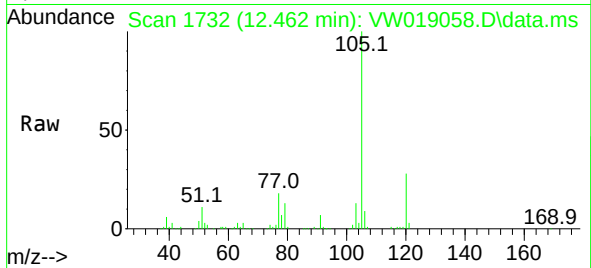
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#73
Isopropylbenzene
Concen: 4.61 ug/l
RT: 12.462 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

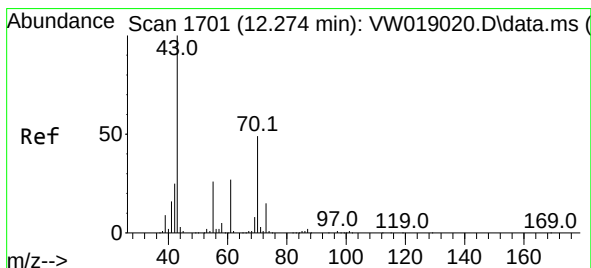
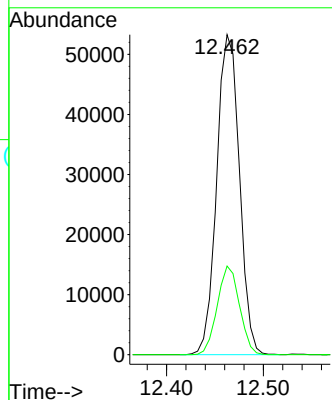
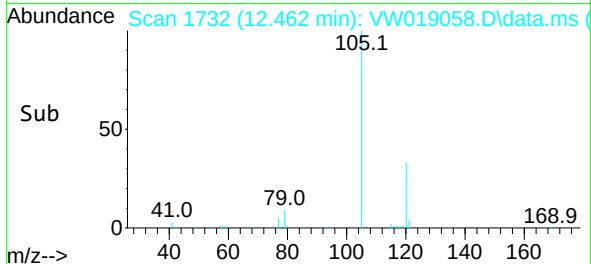
Instrument :
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ClientSampleId :
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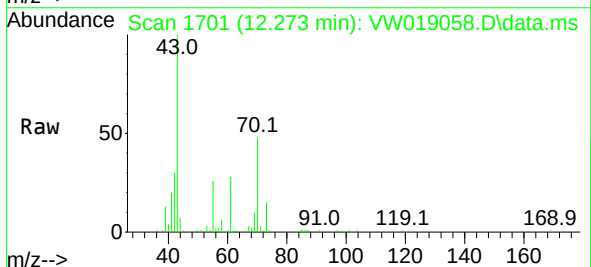
Tgt Ion:105 Resp: 86875
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5

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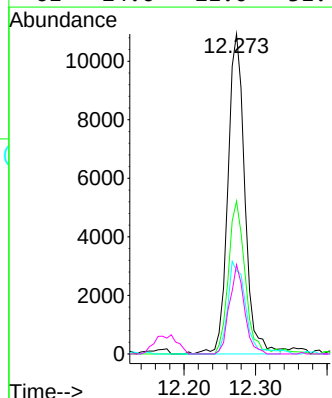
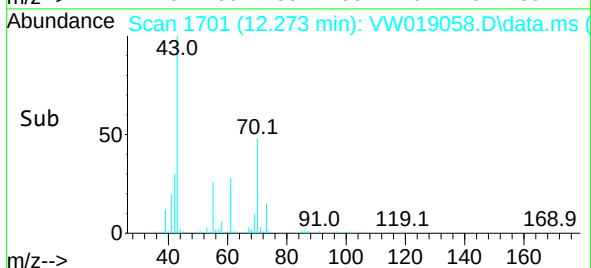
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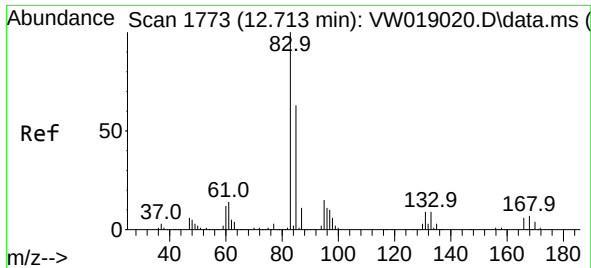


#74
N-ethyl acetate
Concen: 4.61 ug/l
RT: 12.273 min Scan# 1701
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 43 Resp: 17947
Ion Ratio Lower Upper
43 100
70 46.7 38.4 57.6
55 30.6 21.6 32.4
61 24.6 21.0 31.4





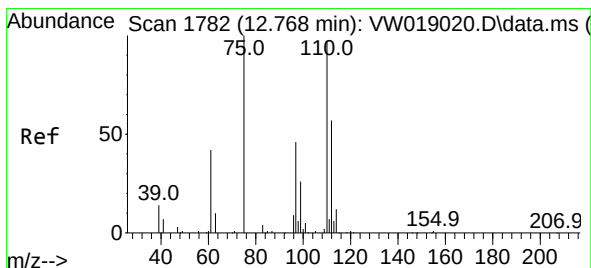
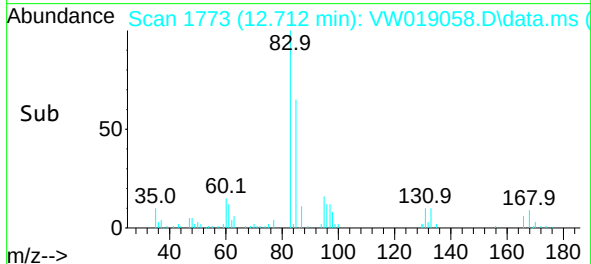
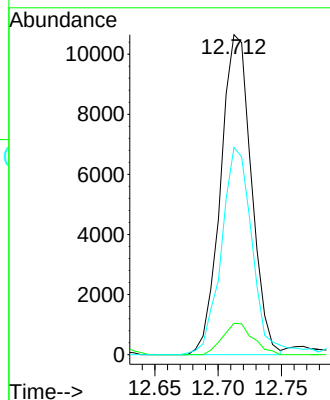
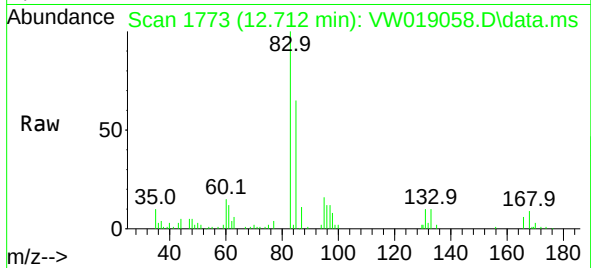
#75
1,1,2,2-Tetrachloroethane
Concen: 5.33 ug/l
RT: 12.712 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:	83	Resp:	17990
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.2
85	66.6	31.6	94.8

Instrument :
MSVOA_W
ClientSampleId :
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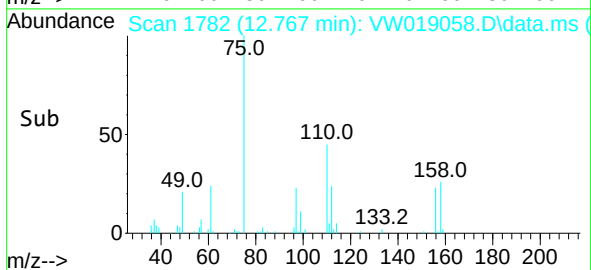
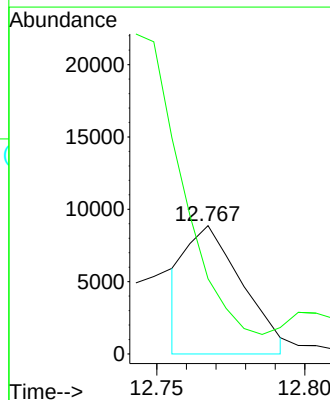
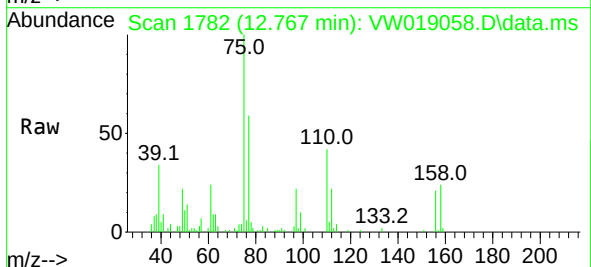
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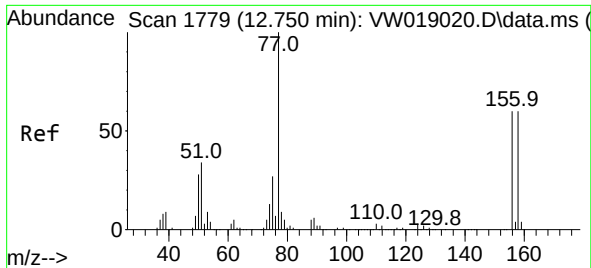
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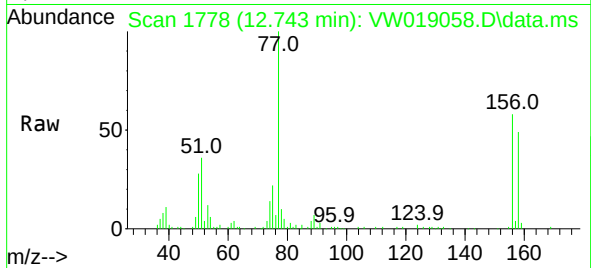
#76
1,2,3-Trichloropropane
Concen: 4.82 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:	75	Resp:	11700
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

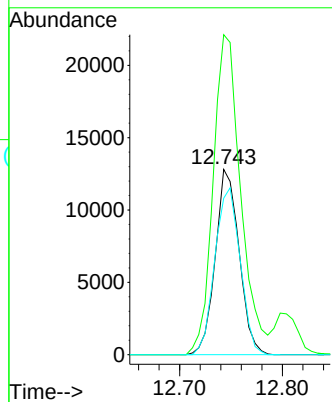
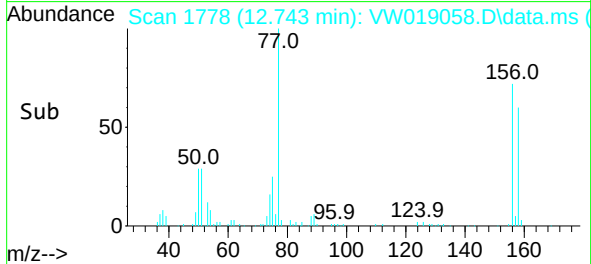




#77
Bromobenzene
Concen: 4.95 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.007 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



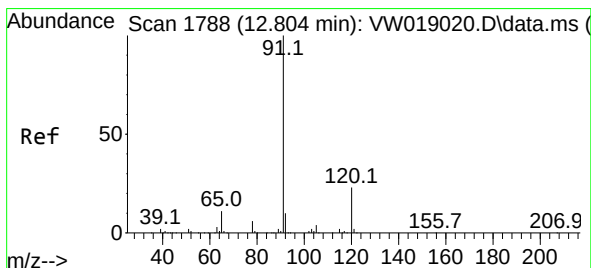
Tgt Ion:156 Resp: 20559
Ion Ratio Lower Upper
156 100
77 200.0 96.7 290.0
158 95.7 48.4 145.3



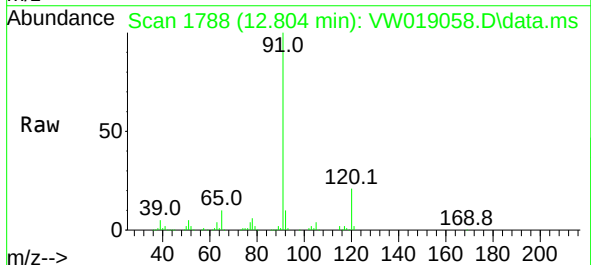
Instrument :
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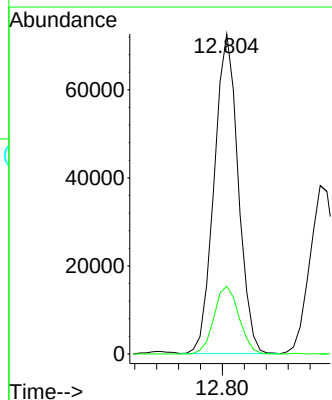
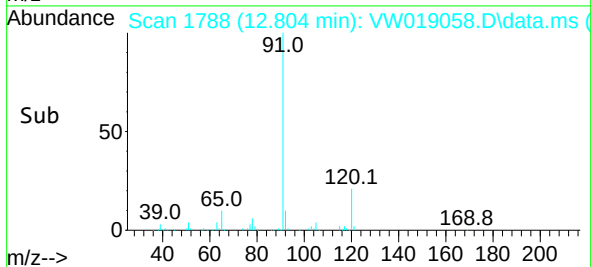
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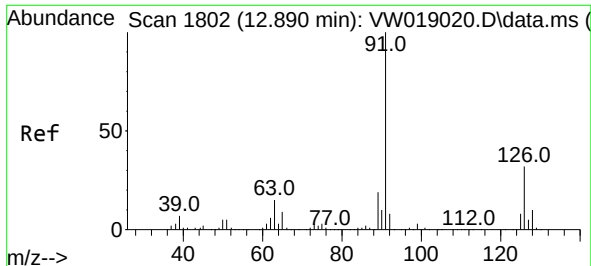


#78
n-propylbenzene
Concen: 4.79 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 91 Resp: 110453
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3





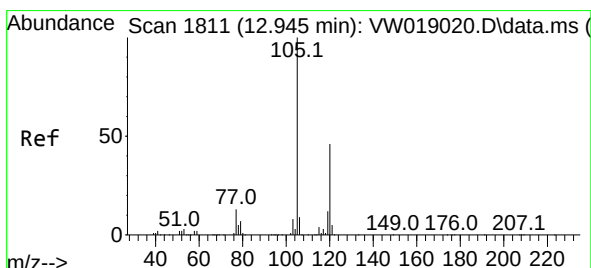
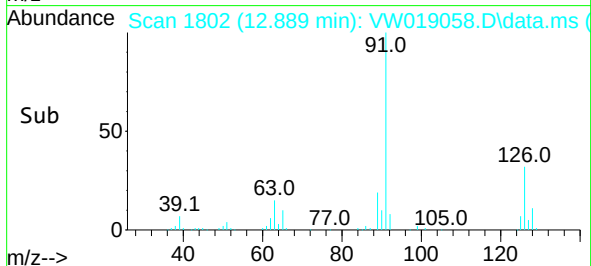
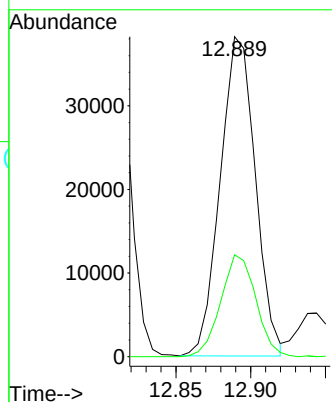
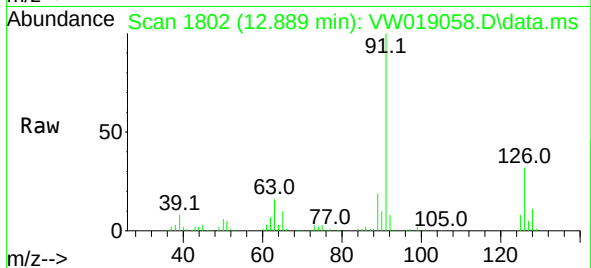
#79
2-Chlorotoluene
Concen: 4.76 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion: 91 Resp: 62486
Ion Ratio Lower Upper
91 100
126 31.9 16.5 49.5

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

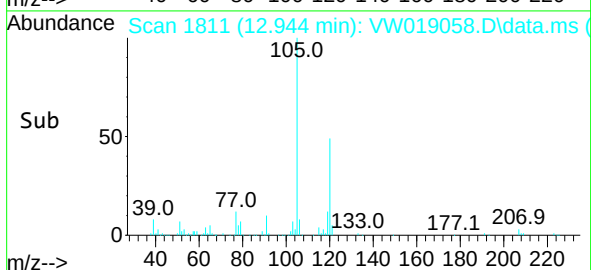
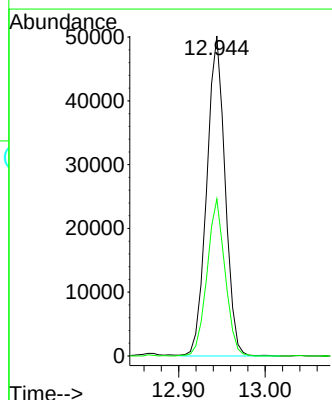
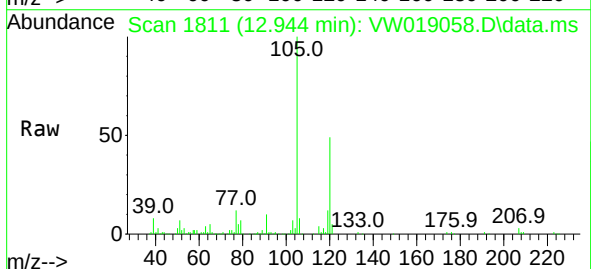
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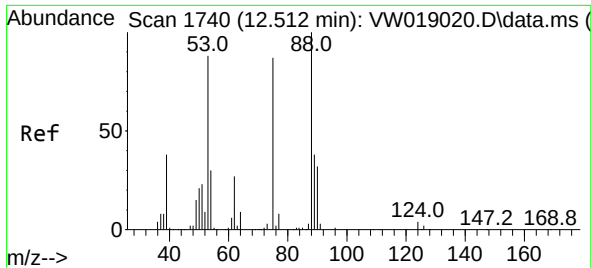
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#80
1,3,5-Trimethylbenzene
Concen: 4.61 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

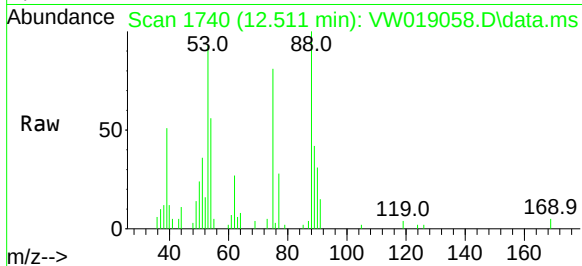
Tgt Ion: 105 Resp: 73745
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.26 ug/l
RT: 12.511 min Scan# 1740
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

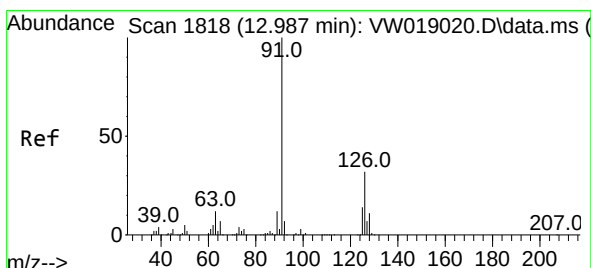
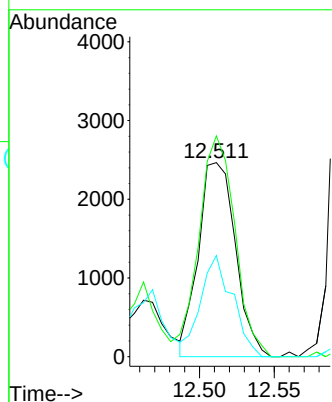
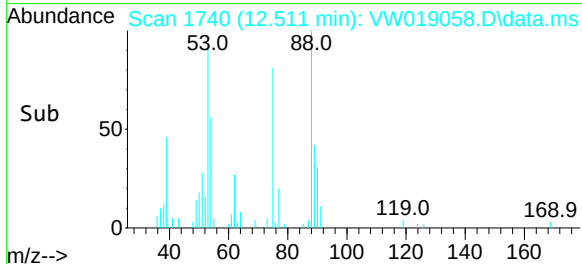
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



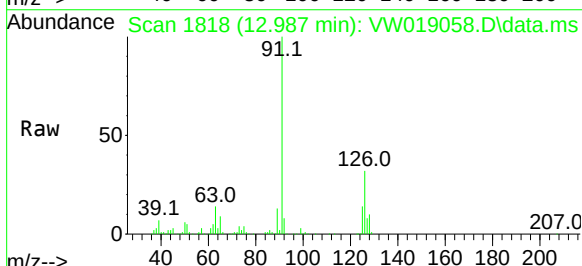
Tgt Ion:	75	Resp:	4245
Ion	Ratio	Lower	Upper
75	100		
53	111.4	81.5	122.3
89	45.0	36.3	54.5

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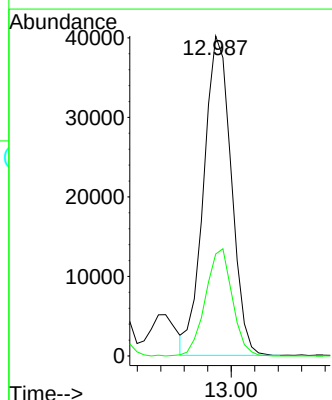
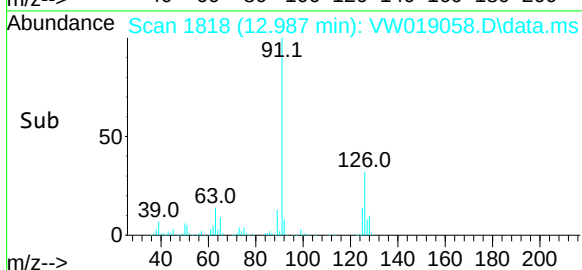
MMDadoda
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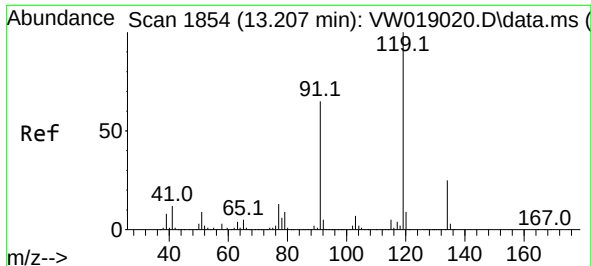


#82
4-Chlorotoluene
Concen: 4.70 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

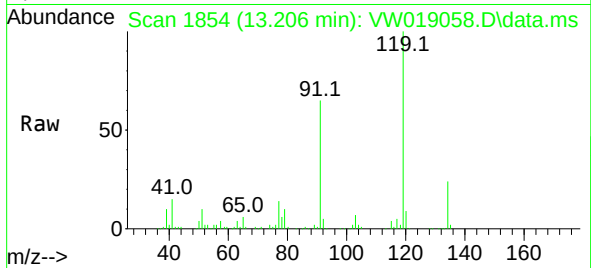


Tgt Ion:	91	Resp:	65459
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.2

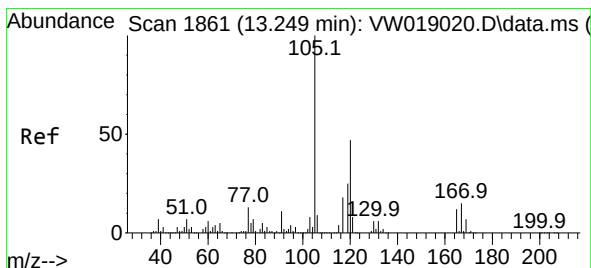
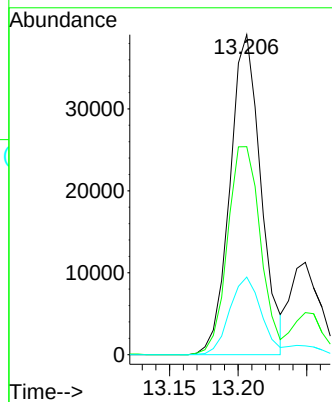
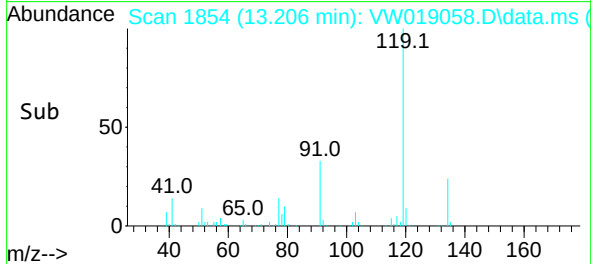




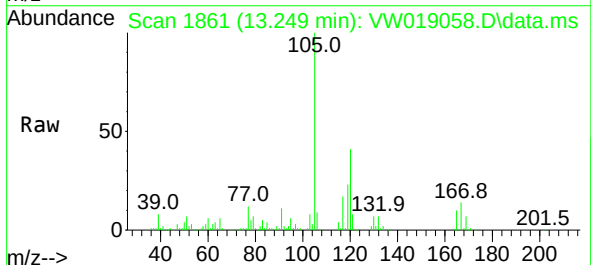
#83
tert-Butylbenzene
Concen: 4.55 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



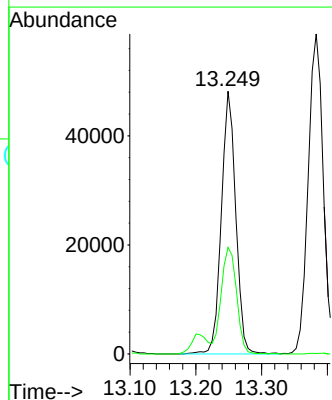
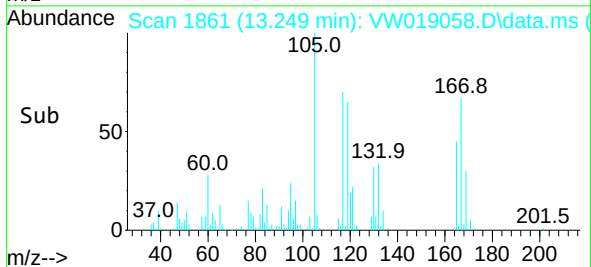
Tgt Ion:119 Resp: 61432
Ion Ratio Lower Upper
119 100
91 69.0 34.0 102.0
134 25.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 4.62 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



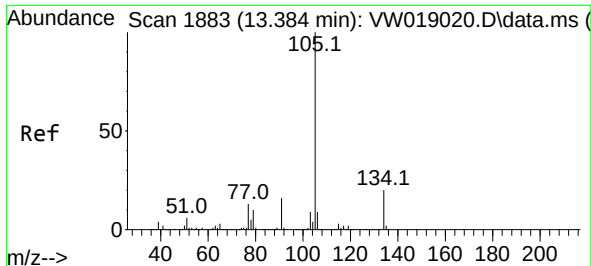
Tgt Ion:105 Resp: 73434
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.0



Instrument :
MSVOA_W
ClientSampleId :
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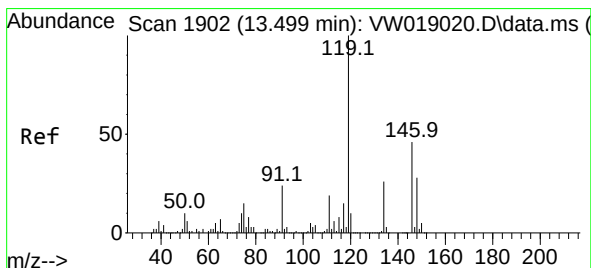
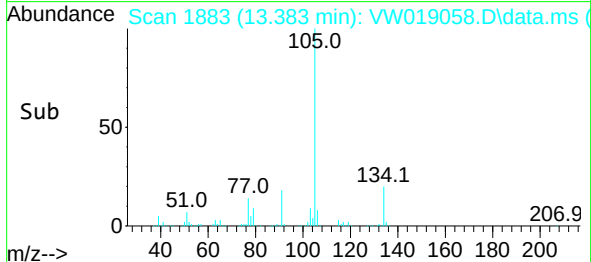
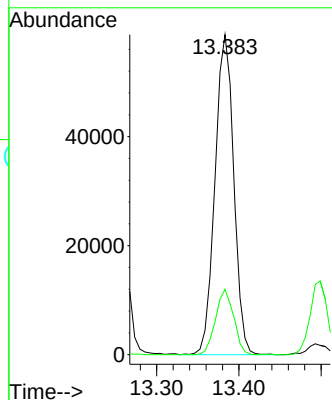
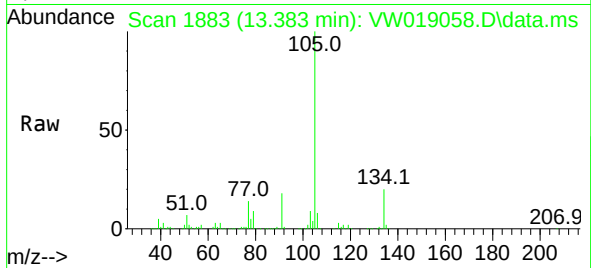
#85
 sec-Butylbenzene
 Concen: 4.65 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.001 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

Tgt Ion:105 Resp: 93090
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

Instrument :
 MSVOA_W
 ClientSampleId :
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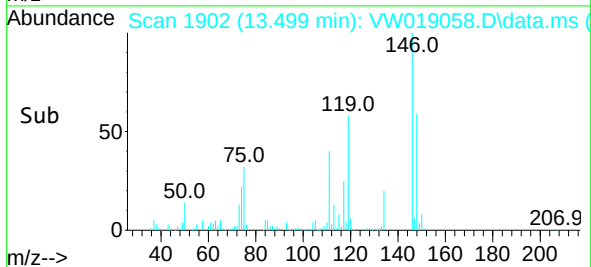
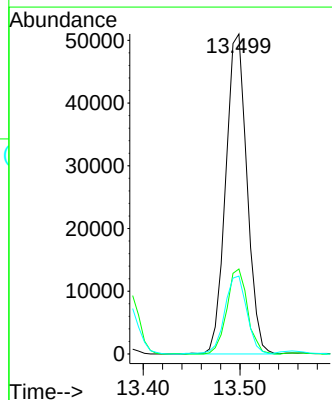
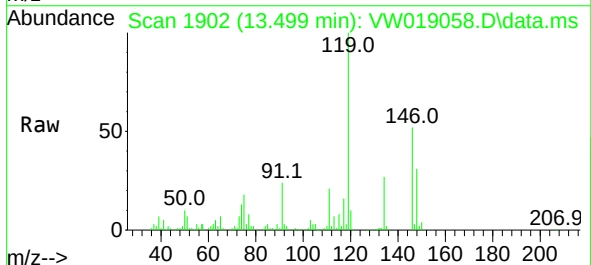
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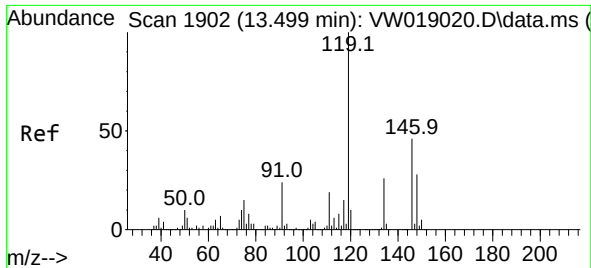
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#86
 p-Isopropyltoluene
 Concen: 4.49 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. -0.001 min
 Lab File: VW019058.D
 Acq: 21 May 2021 18:55

Tgt Ion:119 Resp: 77789
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 25.4 12.1 36.3





#87

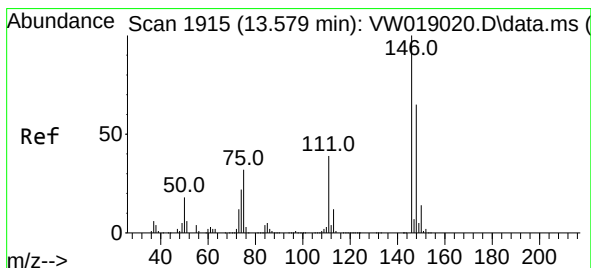
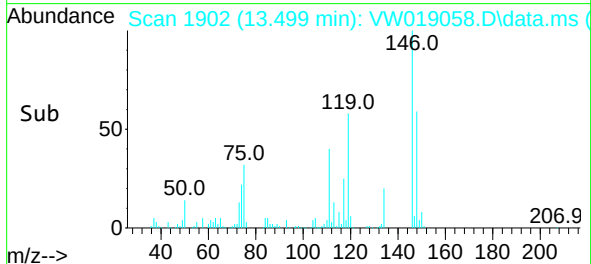
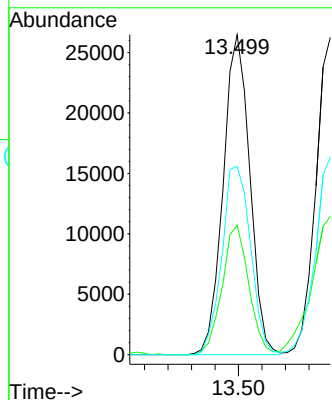
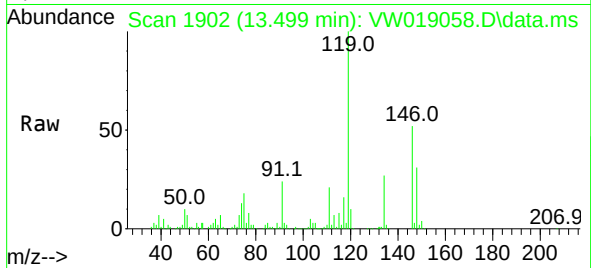
1,3-Dichlorobenzene
Concen: 4.91 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:146 Resp: 41677
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.7 31.8 95.3

Instrument :
MSVOA_W
ClientSampleId :
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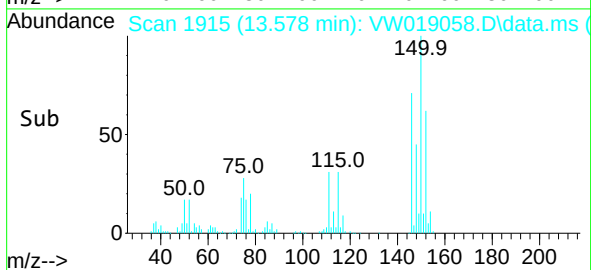
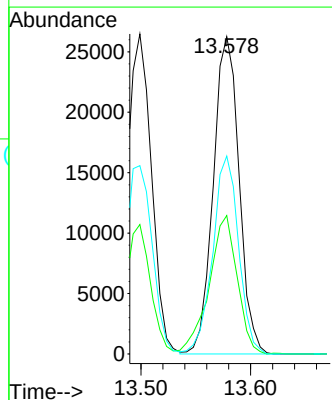
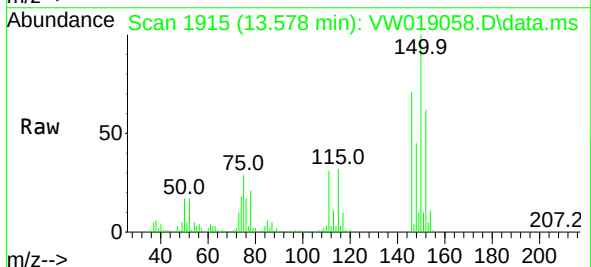
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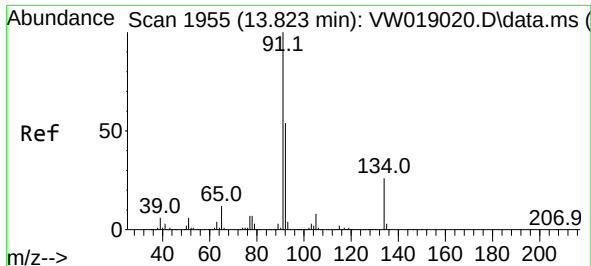


#88

1,4-Dichlorobenzene
Concen: 5.13 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

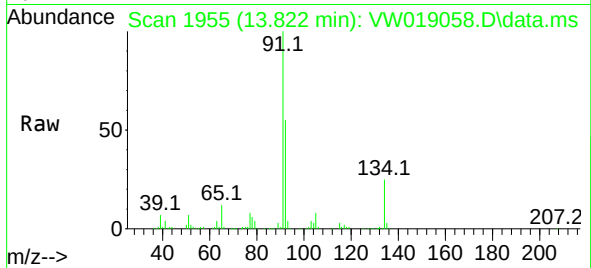
Tgt Ion:146 Resp: 42916
Ion Ratio Lower Upper
146 100
111 47.8 20.1 60.3
148 62.7 32.4 97.2





#89
n-Butylbenzene
Concen: 4.60 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

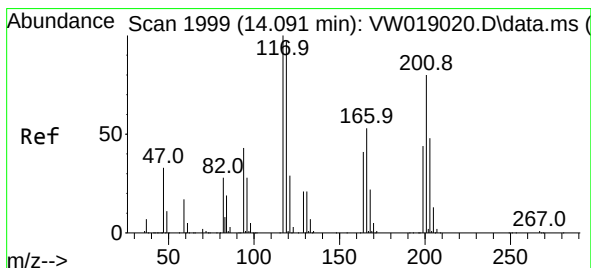
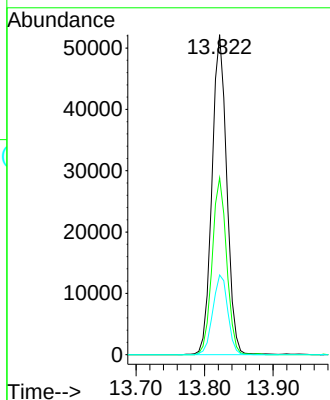
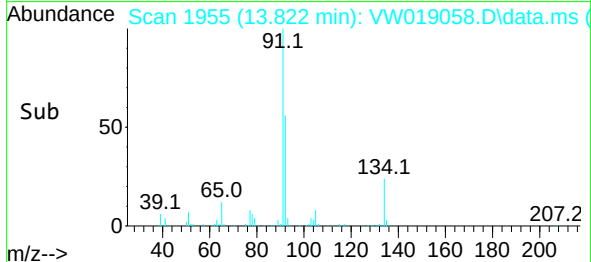
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



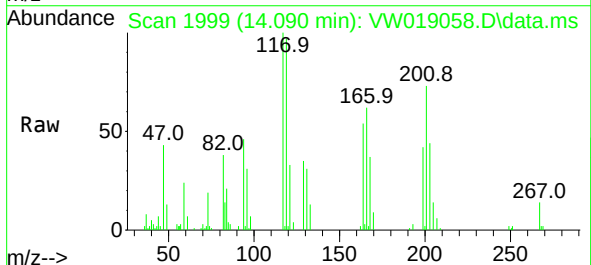
Tgt Ion: 91 Resp: 78347
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 25.2 12.7 38.0

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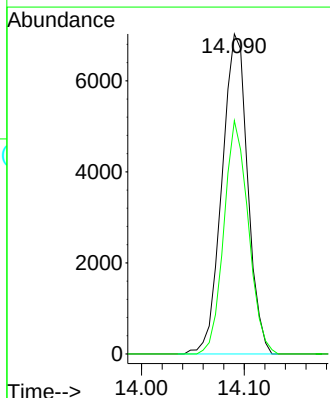
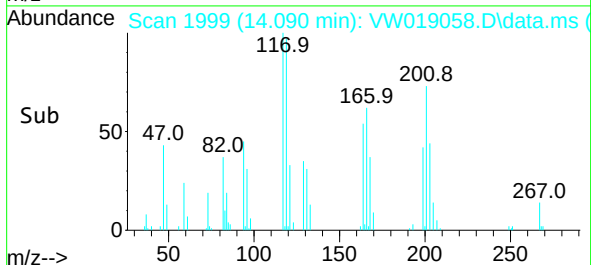
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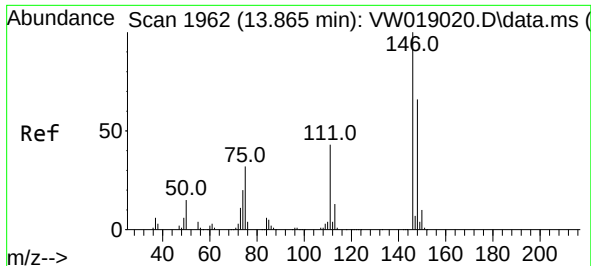


#90
Hexachloroethane
Concen: 4.49 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion: 117 Resp: 12201
Ion Ratio Lower Upper
117 100
201 69.2 38.4 115.2





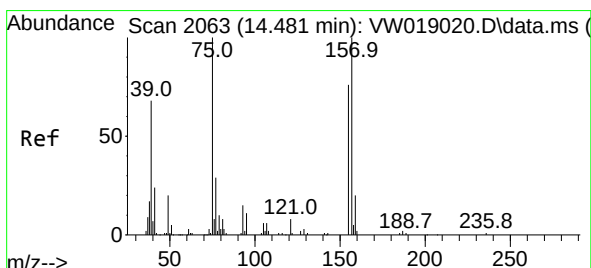
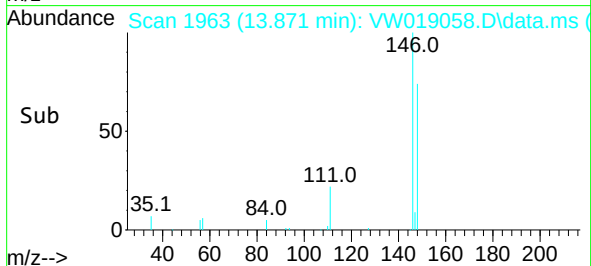
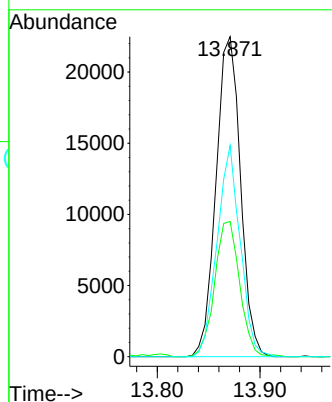
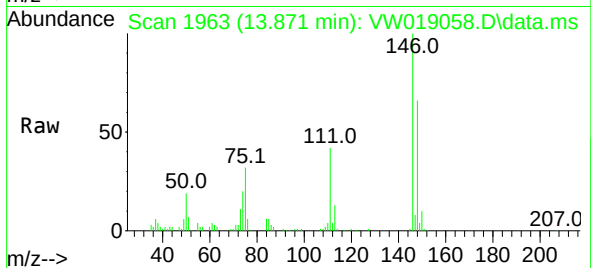
#91
1,2-Dichlorobenzene
Concen: 4.94 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

Tgt Ion:146 Resp: 37120
Ion Ratio Lower Upper
146 100
111 43.4 21.1 63.1
148 62.3 32.6 97.7

Instrument :
MSVOA_W
ClientSampleId :
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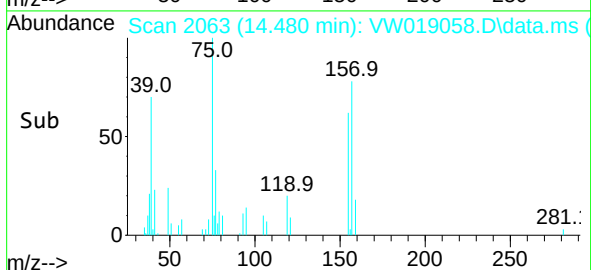
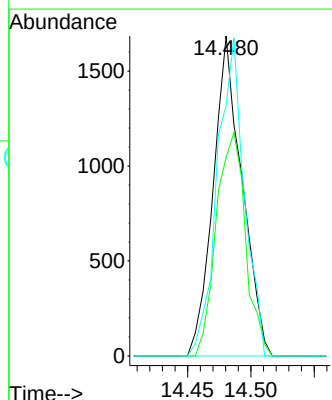
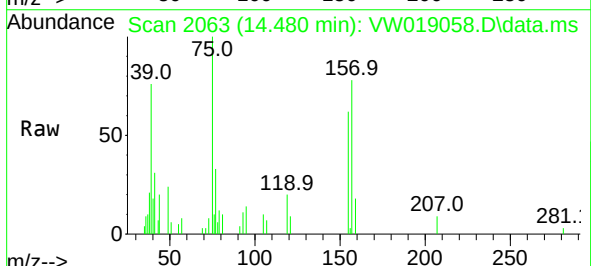
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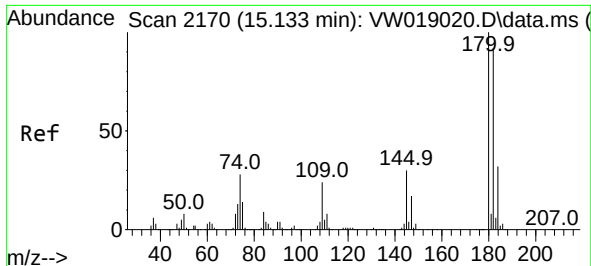
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.96 ug/l
RT: 14.480 min Scan# 2063
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

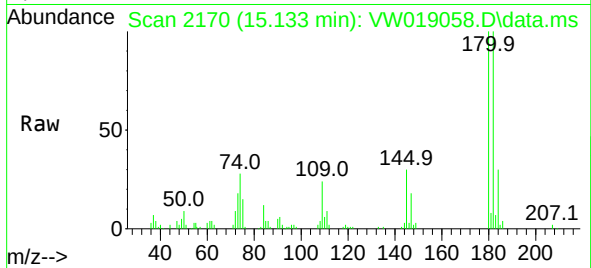
Tgt Ion: 75 Resp: 2670
Ion Ratio Lower Upper
75 100
155 70.4 41.3 124.1
157 92.8 51.2 153.6





#93
1,2,4-Trichlorobenzene
Concen: 4.89 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

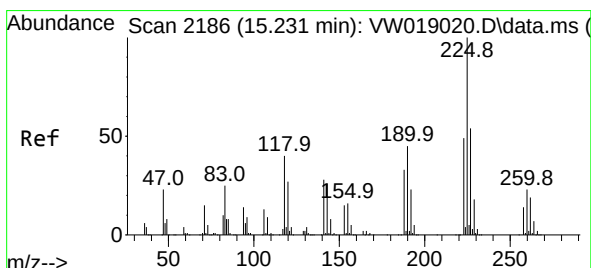
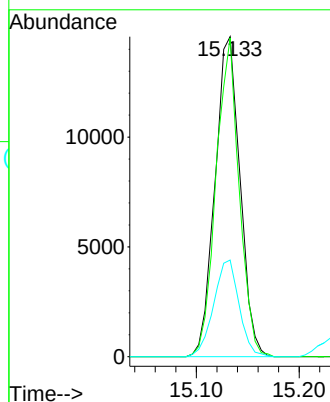
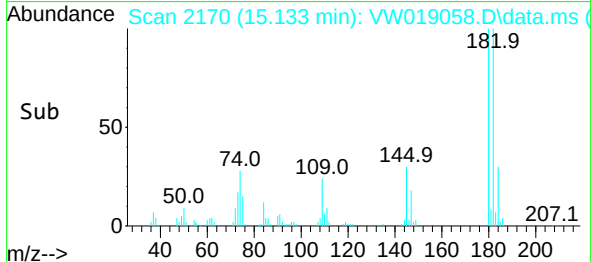
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



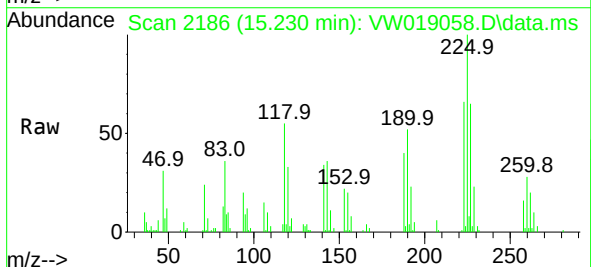
Tgt Ion:180 Resp: 24610
Ion Ratio Lower Upper
180 100
182 91.9 48.9 146.7
145 30.7 15.4 46.1

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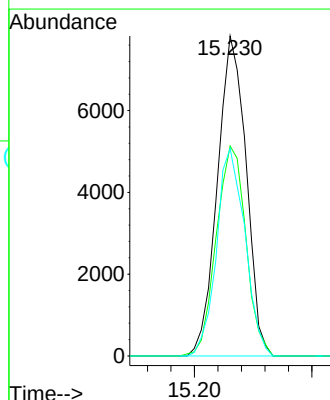
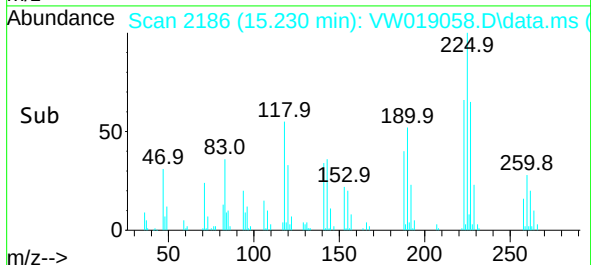
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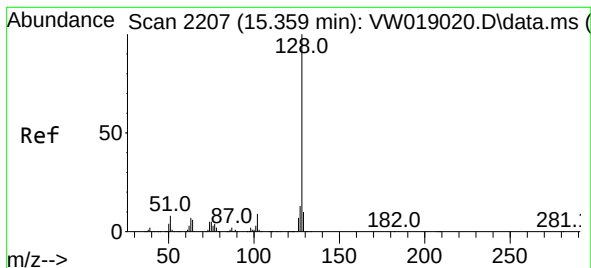


#94
Hexachlorobutadiene
Concen: 4.58 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.001 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55

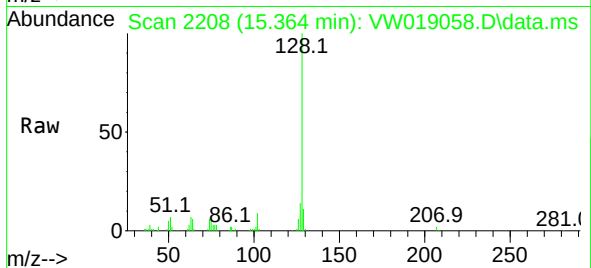


Tgt Ion:225 Resp: 13286
Ion Ratio Lower Upper
225 100
223 67.5 29.6 88.8
227 64.0 30.4 91.3

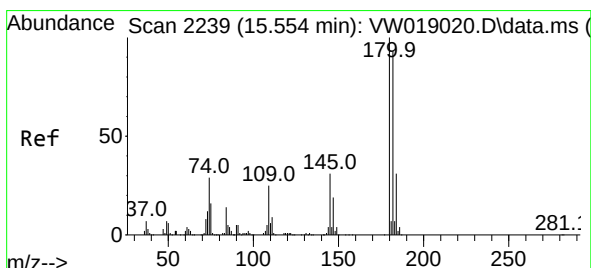
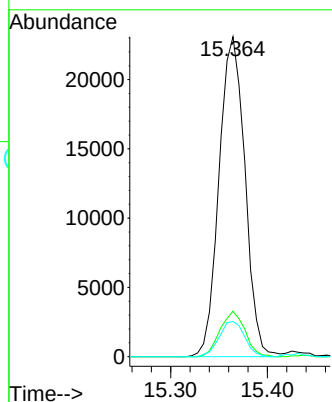
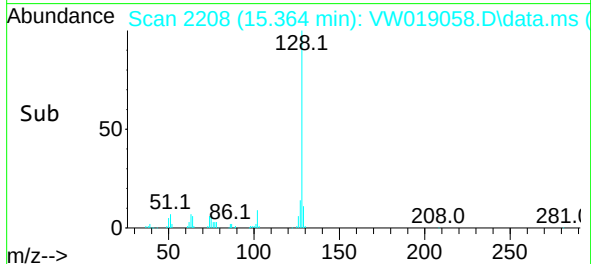




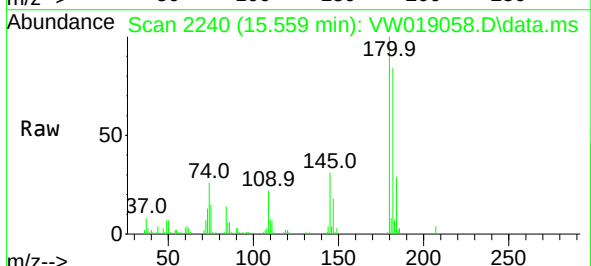
#95
Naphthalene
Concen: 4.69 ug/l
RT: 15.364 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



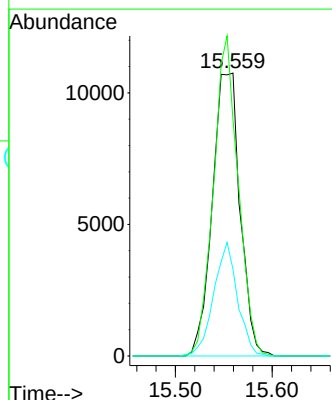
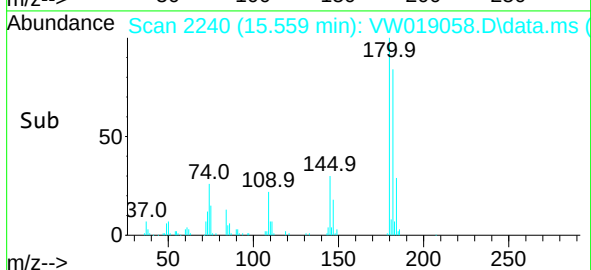
Tgt Ion:128 Resp: 42964
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 4.92 ug/l
RT: 15.559 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VW019058.D
Acq: 21 May 2021 18:55



Tgt Ion:180 Resp: 21420
Ion Ratio Lower Upper
180 100
182 100.7 47.4 142.3
145 34.4 16.1 48.2



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

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:48:23 PM