

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052221\
 Data File : VW019056.D
 Acq On : 21 May 2021 18:07
 Operator : SY/VA
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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Quant Time: May 22 03:50:49 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	346431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	590445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	542522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	264543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	233163	65.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.96%	
35) Dibromofluoromethane	7.890	113	200397	60.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.92%	
50) Toluene-d8	10.323	98	799767	61.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.62%	
62) 4-Bromofluorobenzene	12.615	95	289390	62.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.08%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5685	2.44	ug/l	92
3) Chloromethane	2.208	50	7635	2.95	ug/l	92
4) Vinyl Chloride	2.361	62	9110	2.40	ug/l	95
5) Bromomethane	2.782	94	8560	2.69	ug/l	98
6) Chloroethane	2.934	64	6325	2.42	ug/l #	75
7) Trichlorofluoromethane	3.251	101	4130	1.97	ug/l #	78
8) Diethyl Ether	3.684	74	5092	2.80	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.062	101	9393	2.78	ug/l	97
10) Methyl Iodide	4.281	142	12011	2.42	ug/l	99
11) Tert butyl alcohol	5.177	59	6674	32.44	ug/l #	87
12) 1,1-Dichloroethene	4.050	96	8646	2.51	ug/l	91
13) Acrolein	3.897	56	2206	9.45	ug/l	99
14) Allyl chloride	4.665	41	10506	2.34	ug/l	97
15) Acrylonitrile	5.373	53	9168	13.44	ug/l	96
16) Acetone	4.129	43	12471	22.45	ug/l	98
17) Carbon Disulfide	4.391	76	21886	2.32	ug/l	98
18) Methyl Acetate	4.684	43	6300	3.85	ug/l #	77
19) Methyl tert-butyl Ether	5.421	73	11181	2.58	ug/l	96
20) Methylene Chloride	4.915	84	53086	10.65	ug/l	94
21) trans-1,2-Dichloroethene	5.434	96	10203	2.59	ug/l	90
22) Diisopropyl ether	6.311	45	22030	2.41	ug/l #	88
23) Vinyl Acetate	6.257	43	65846	10.72	ug/l	99
24) 1,1-Dichloroethane	6.214	63	17522	2.48	ug/l	99
25) 2-Butanone	7.177	43	14345	15.72	ug/l	100
26) 2,2-Dichloropropane	7.159	77	11917	3.13	ug/l	87
27) cis-1,2-Dichloroethene	7.171	96	10734	2.45	ug/l	86
28) Bromochloromethane	7.512	49	7416	2.58	ug/l	97
29) Tetrahydrofuran	7.537	42	7678	14.39	ug/l	97
30) Chloroform	7.677	83	17969	2.50	ug/l	100
31) Cyclohexane	7.951	56	22342	3.78	ug/l #	62
32) 1,1,1-Trichloroethane	7.872	97	13025	2.44	ug/l	96
36) 1,1-Dichloropropene	8.085	75	15335	2.61	ug/l	99
37) Ethyl Acetate	7.262	43	7293	3.21	ug/l #	93
38) Carbon Tetrachloride	8.073	117	12319	2.38	ug/l	92
39) Methylcyclohexane	9.335	83	17017	2.62	ug/l	96
40) Benzene	8.329	78	40859	2.49	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	3388	2.73	ug/l	86
42) 1,2-Dichloroethane	8.403	62	12882	2.64	ug/l	99
43) Isopropyl Acetate	8.427	43	11024	2.60	ug/l	98
44) Trichloroethene	9.091	130	10966	2.59	ug/l	98
45) 1,2-Dichloropropane	9.372	63	9754	2.45	ug/l	97
46) Dibromomethane	9.463	93	5349	2.48	ug/l	97
47) Bromodichloromethane	9.646	83	12933	2.41	ug/l #	98
48) Methyl methacrylate	9.439	41	5040	2.59	ug/l #	92
49) 1,4-Dioxane	9.451	88	1359	55.23	ug/l #	78
51) 4-Methyl-2-Pentanone	10.213	43	32450	14.76	ug/l	96
52) Toluene	10.390	92	26996	2.59	ug/l	96
53) t-1,3-Dichloropropene	10.603	75	12029	2.28	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	13994	2.23	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	7632	2.56	ug/l	98
56) Ethyl methacrylate	10.646	69	8277	2.21	ug/l	97
57) 1,3-Dichloropropane	10.933	76	13260	2.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	22571	11.65	ug/l	98
59) 2-Hexanone	10.969	43	19122	13.09	ug/l	99
60) Dibromochloromethane	11.128	129	7481	2.24	ug/l	99
61) 1,2-Dibromoethane	11.237	107	7149	2.49	ug/l	96
64) Tetrachloroethene	10.865	164	9445	2.68	ug/l	89
65) Chlorobenzene	11.658	112	28092	2.55	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	8684	2.31	ug/l	96
67) Ethyl Benzene	11.731	91	50855	2.49	ug/l	96
68) m/p-Xylenes	11.841	106	38464	5.01	ug/l	97
69) o-Xylene	12.164	106	16844	2.36	ug/l	97
70) Styrene	12.182	104	27481	2.26	ug/l	99
71) Bromoform	12.347	173	3811	2.02	ug/l #	91
73) Isopropylbenzene	12.463	105	47606	2.45	ug/l	99
74) N-amyl acetate	12.274	43	9243	2.31	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	9980	2.88	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	6217m	2.49	ug/l	
77) Bromobenzene	12.743	156	11356	2.66	ug/l	100
78) n-propylbenzene	12.804	91	61022	2.57	ug/l	100
79) 2-Chlorotoluene	12.890	91	35032	2.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	40910	2.49	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	2366m	2.31	ug/l	
82) 4-Chlorotoluene	12.987	91	37357	2.61	ug/l	98
83) tert-Butylbenzene	13.207	119	35885	2.59	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	41783	2.56	ug/l	100
85) sec-Butylbenzene	13.383	105	52749	2.56	ug/l	98
86) p-Isopropyltoluene	13.499	119	44986	2.52	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	23939	2.74	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	23648	2.75	ug/l	85
89) n-Butylbenzene	13.822	91	43935	2.51	ug/l	99
90) Hexachloroethane	14.091	117	6842	2.45	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	20514	2.66	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1660	3.00	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	15209	2.94	ug/l	98
94) Hexachlorobutadiene	15.231	225	7540	2.52	ug/l	89
95) Naphthalene	15.359	128	26168	2.78	ug/l	97
96) 1,2,3-Trichlorobenzene	15.548	180	13863	3.10	ug/l	97

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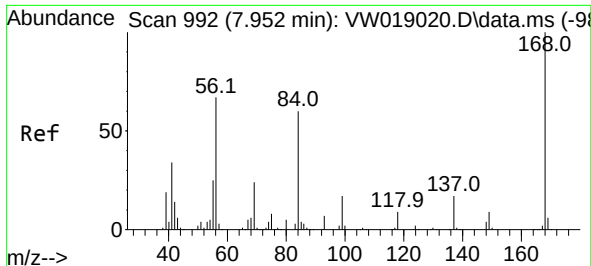
Manual Integrations
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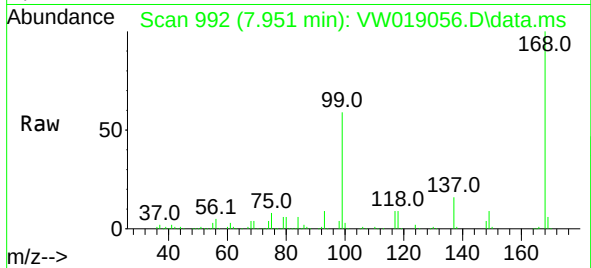
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QLast Update : Sat May 22 03:50:37 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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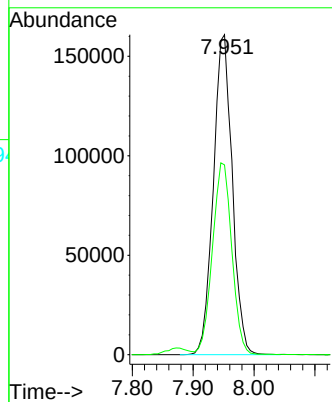
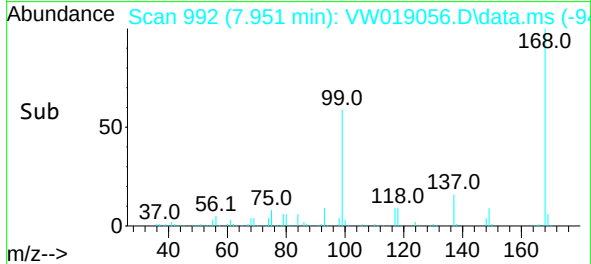
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.001 min
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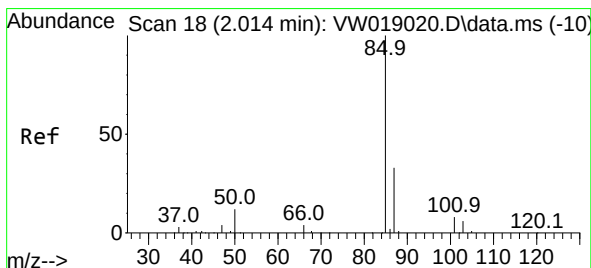
Tgt Ion: 168 Resp: 346431
Ion Ratio Lower Upper
168 100
99 59.2 48.8 73.2



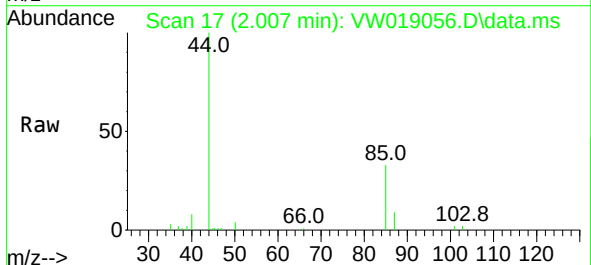
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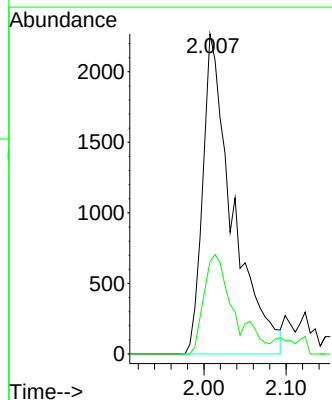
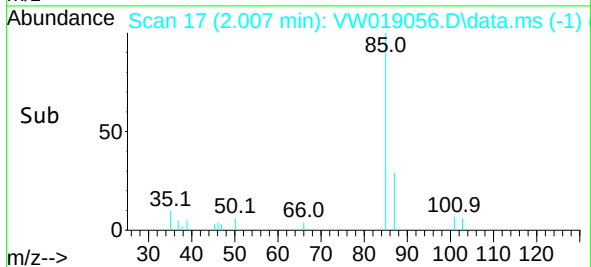
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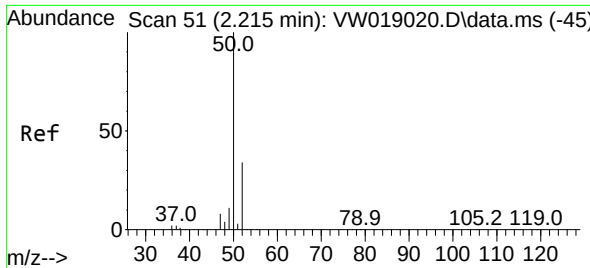


#2
Dichlorodifluoromethane
Concen: 2.44 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



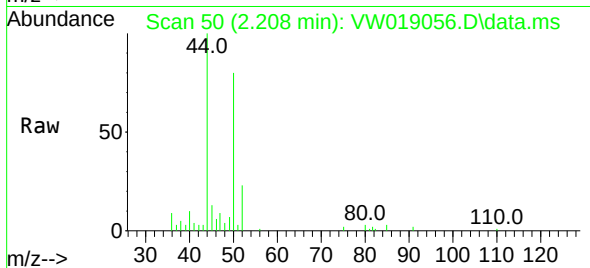
Tgt Ion: 85 Resp: 5685
Ion Ratio Lower Upper
85 100
87 28.9 16.7 50.0





#3
Chloromethane
Concen: 2.95 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

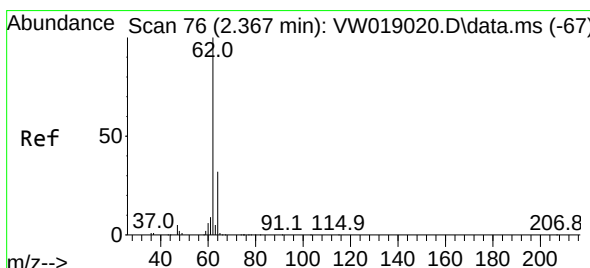
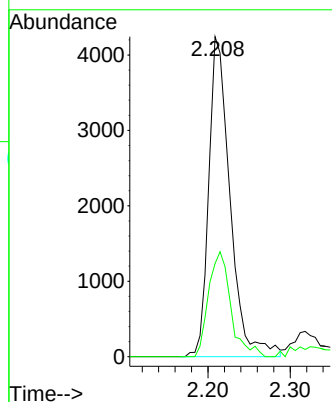
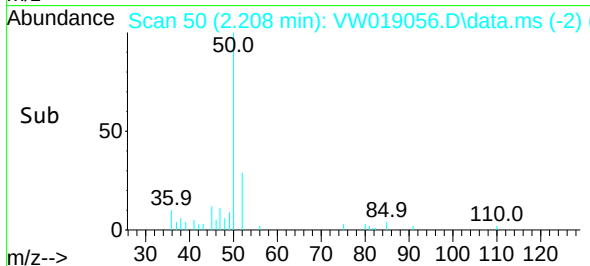
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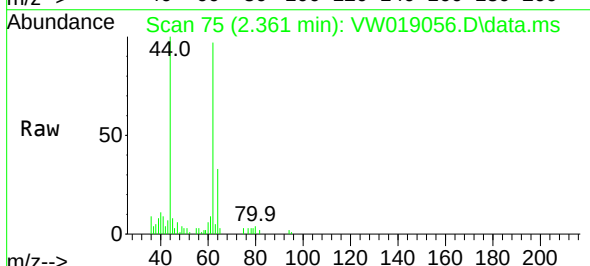
Tgt Ion: 50 Resp: 7635
Ion Ratio Lower Upper
50 100
52 29.1 26.9 40.3

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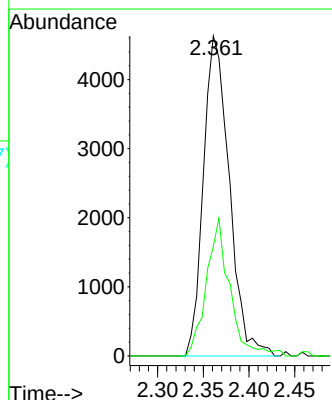
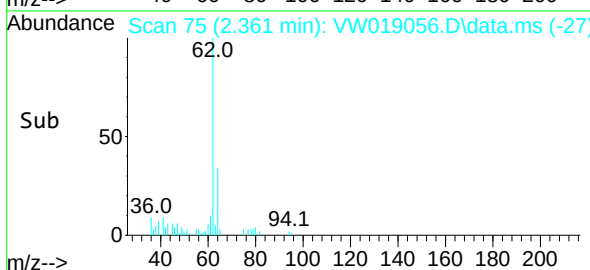
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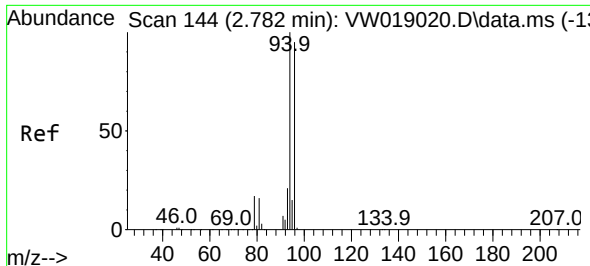


#4
Vinyl Chloride
Concen: 2.40 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

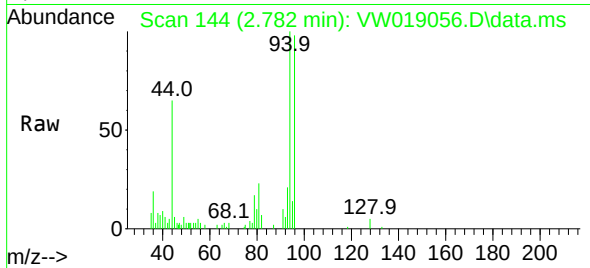


Tgt Ion: 62 Resp: 9110
Ion Ratio Lower Upper
62 100
64 34.2 25.3 37.9

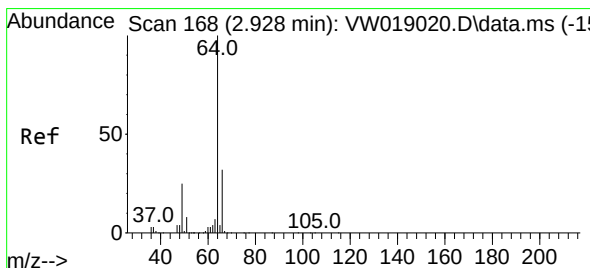
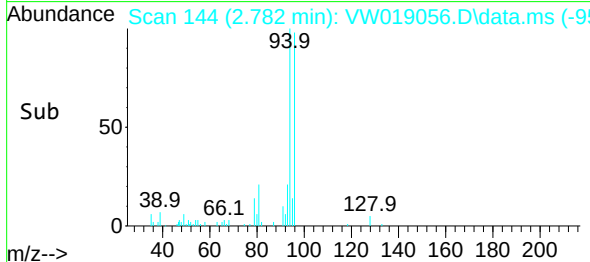
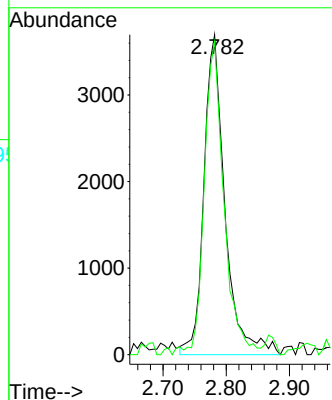




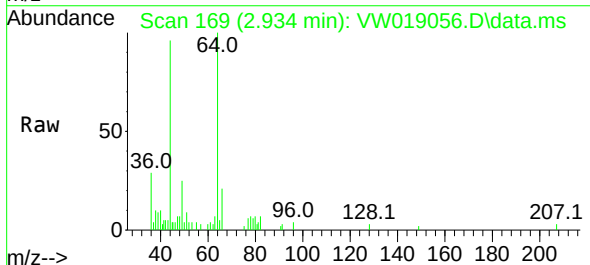
#5
Bromomethane
Concen: 2.69 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW019056.D
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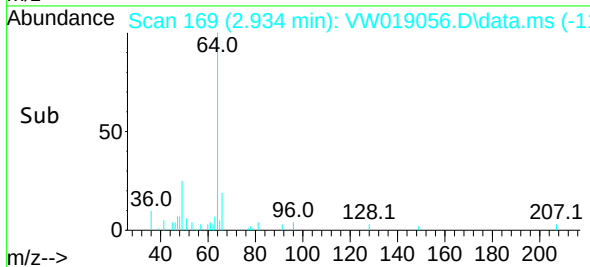
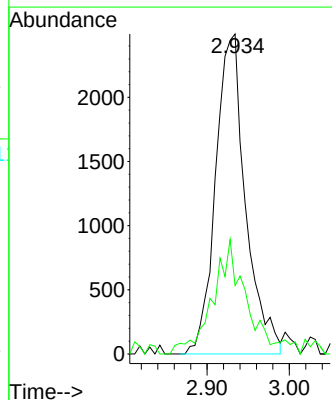
Tgt Ion: 94 Resp: 8560
Ion Ratio Lower Upper
94 100
96 97.8 76.4 114.6



#6
Chloroethane
Concen: 2.42 ug/l
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW019056.D
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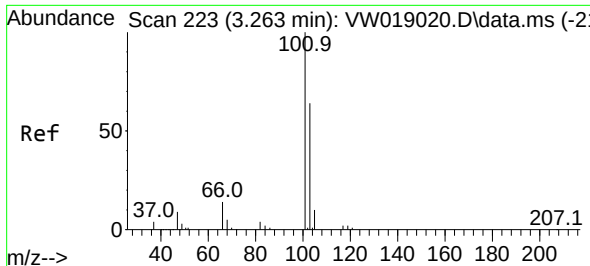
Tgt Ion: 64 Resp: 6325
Ion Ratio Lower Upper
64 100
66 18.1 25.9 38.9#



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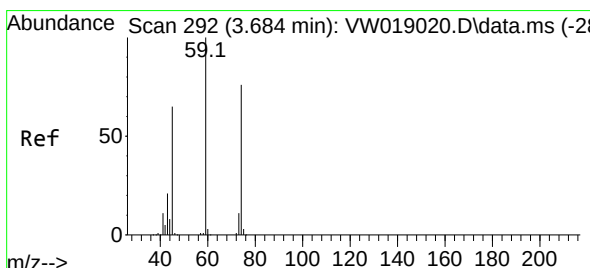
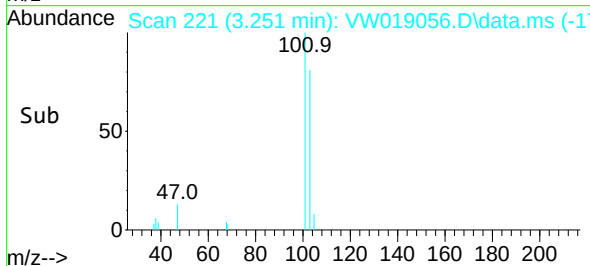
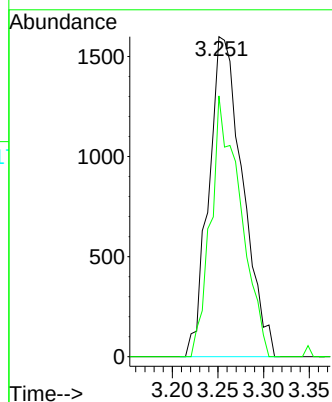
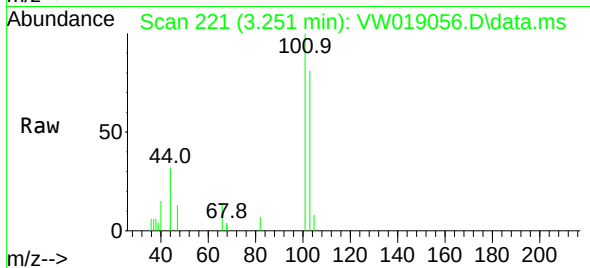
#7
Trichlorofluoromethane
Concen: 1.97 ug/l
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 101 Resp: 4130
Ion Ratio Lower Upper
101 100
103 81.5 51.4 77.2#

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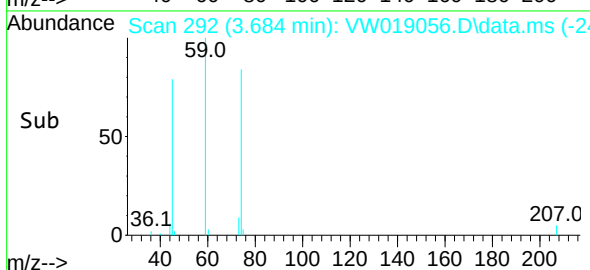
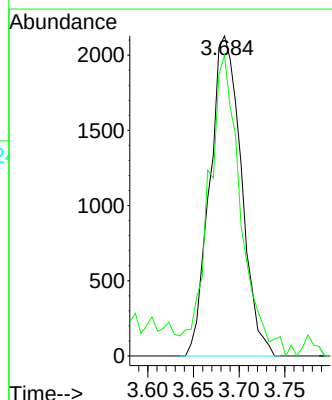
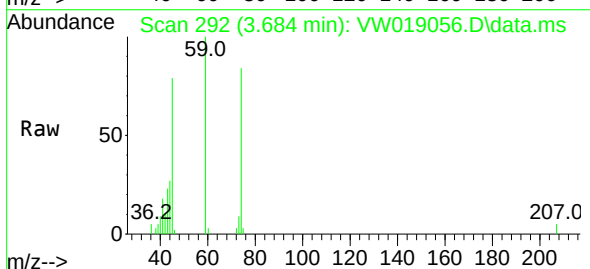
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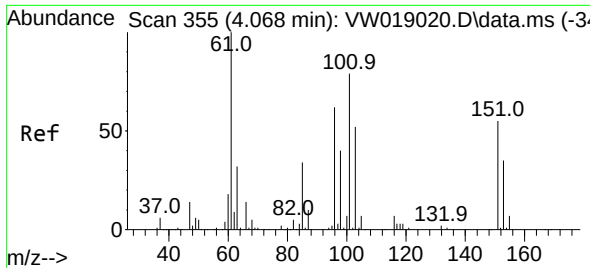
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#8
Diethyl Ether
Concen: 2.80 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW019056.D
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Tgt Ion: 74 Resp: 5092
Ion Ratio Lower Upper
74 100
45 96.8 43.3 129.8





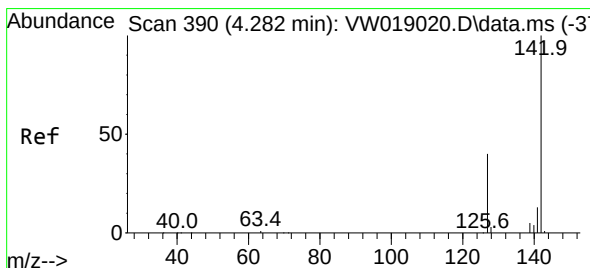
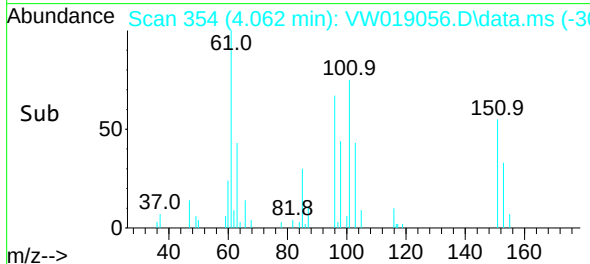
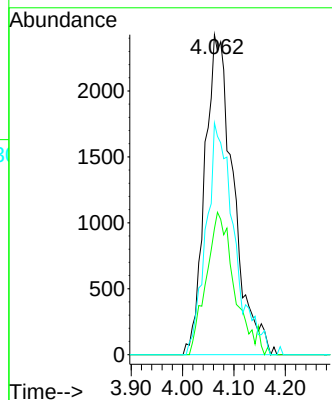
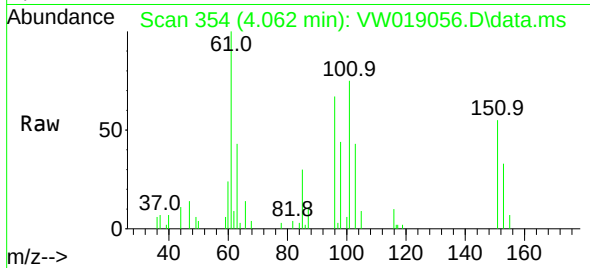
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.78 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
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Tgt Ion:	101	Resp:	9393
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.9	53.9
151	71.3	59.8	89.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

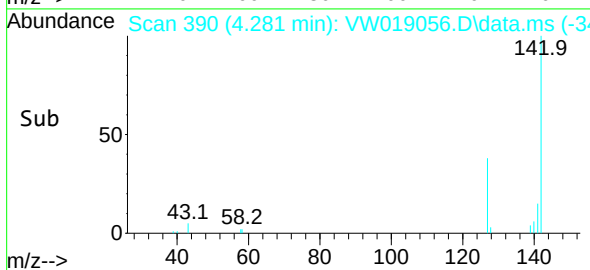
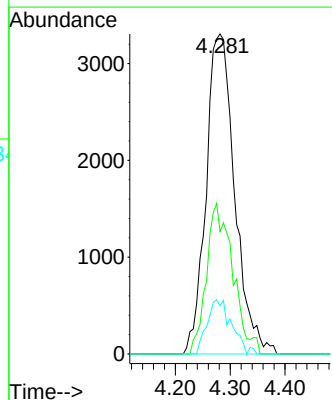
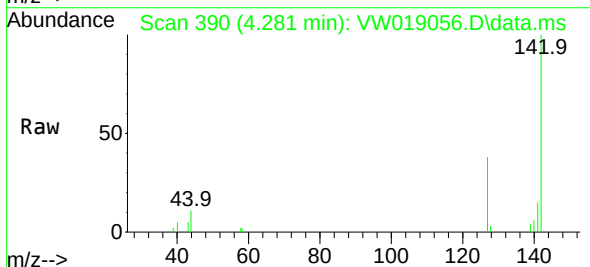
Manual Integrations
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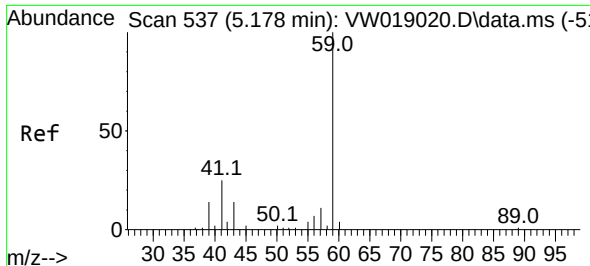
MMDadoda
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#10
Methyl Iodide
Concen: 2.42 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

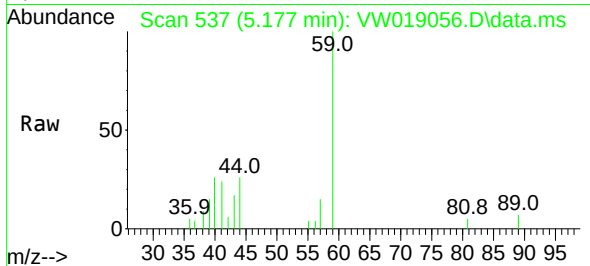
Tgt Ion:	142	Resp:	12011
Ion	Ratio	Lower	Upper
142	100		
127	43.2	33.7	50.5
141	14.2	11.2	16.8





#11
Tert butyl alcohol
Concen: 32.44 ug/l
RT: 5.177 min Scan# 537
Delta R.T. -0.001 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

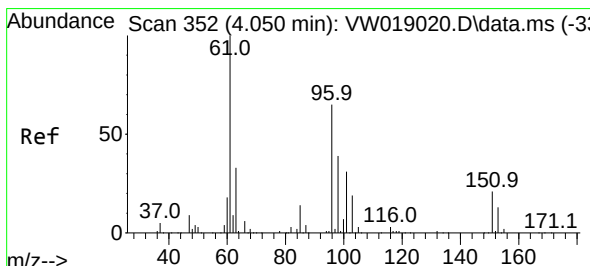
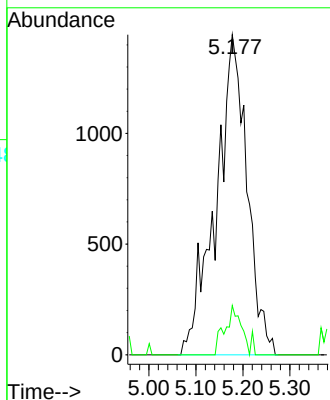
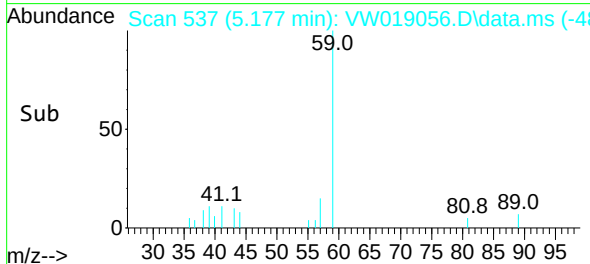
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



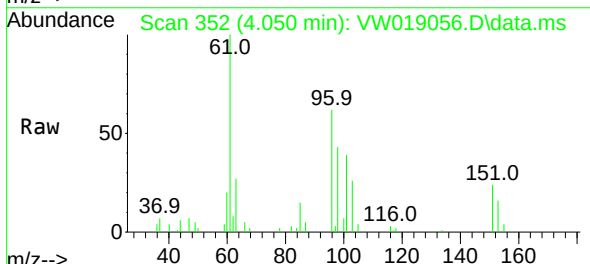
Tgt Ion: 59 Resp: 6674
Ion Ratio Lower Upper
59 100
57 6.2 8.9 13.3#

Manual Integrations
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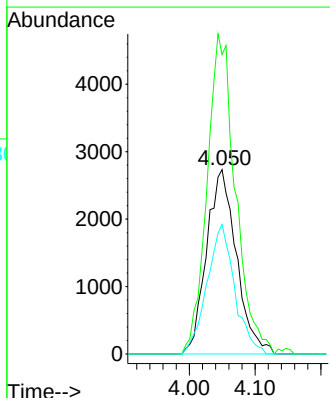
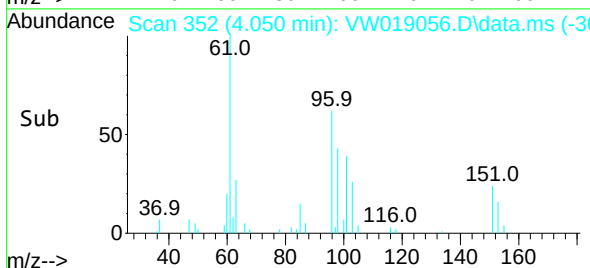
MMDadoda
5/24/2021 3:48:20 PM

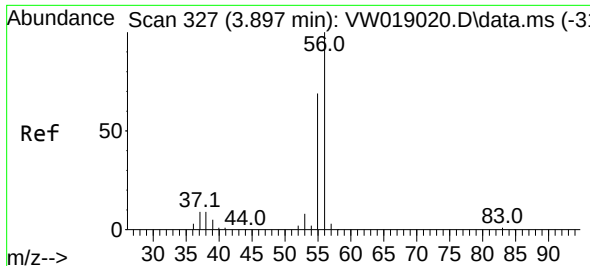


#12
1,1-Dichloroethene
Concen: 2.51 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



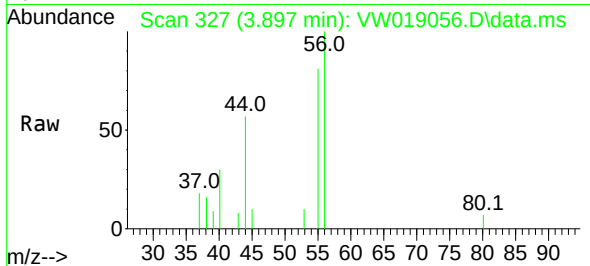
Tgt Ion: 96 Resp: 8646
Ion Ratio Lower Upper
96 100
61 162.4 123.0 184.4
98 70.4 47.5 71.3



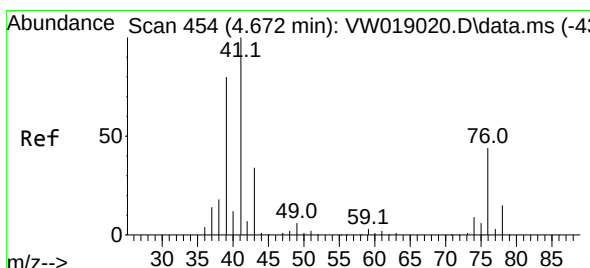
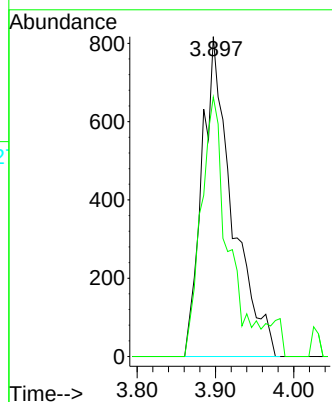
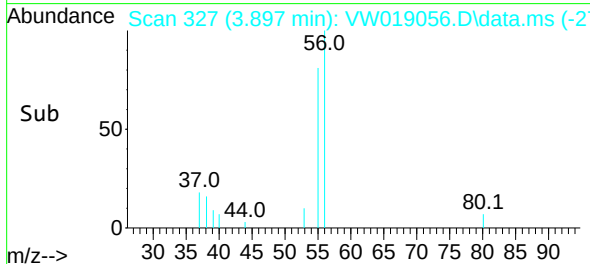


#13
Acrolein
Concen: 9.45 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

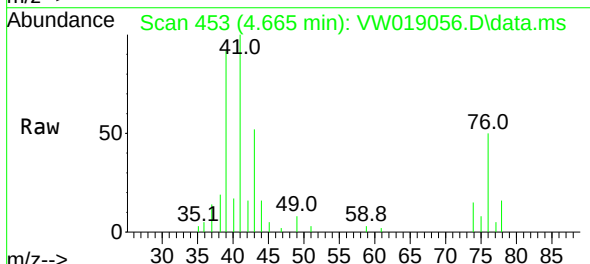
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



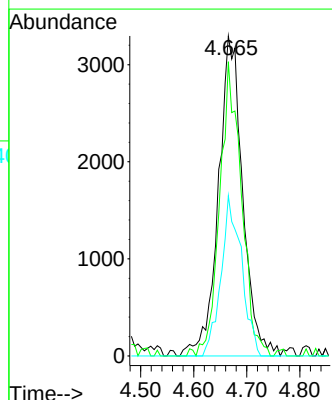
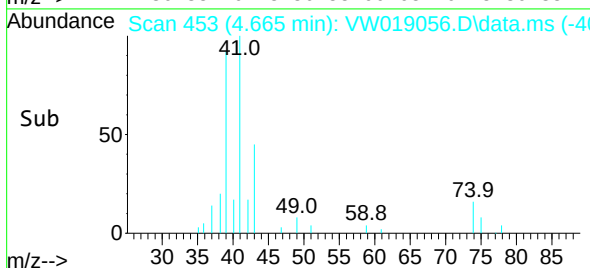
Tgt Ion: 56 Resp: 2206
Ion Ratio Lower Upper
56 100
55 72.1 56.7 85.1

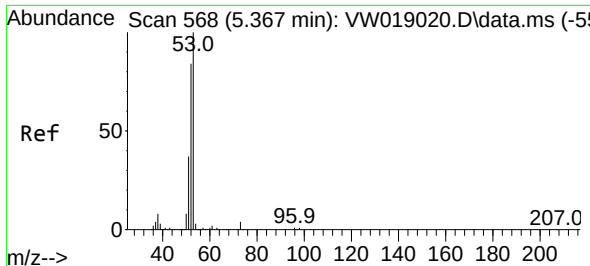


#14
Allyl chloride
Concen: 2.34 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



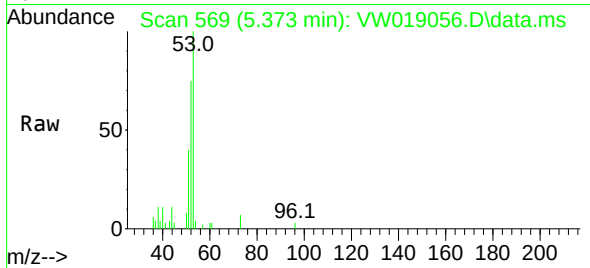
Tgt Ion: 41 Resp: 10506
Ion Ratio Lower Upper
41 100
39 82.1 63.9 95.9
76 42.0 35.1 52.7





#15
Acrylonitrile
Concen: 13.44 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

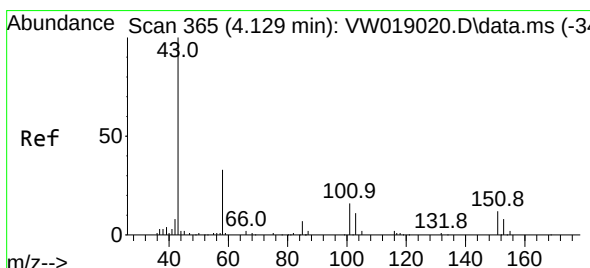
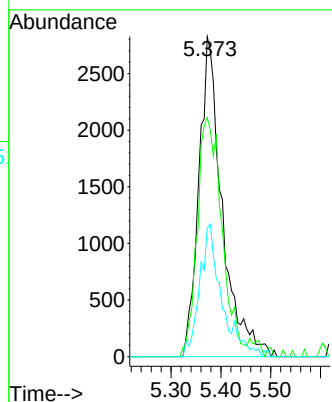
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



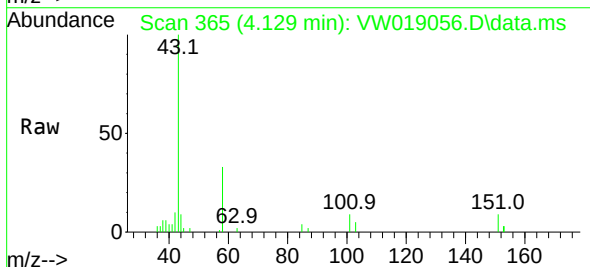
Tgt Ion:	53	Resp:	9168
Ion	Ratio	Lower	Upper
53	100		
52	79.3	66.5	99.7
51	34.5	29.8	44.8

Manual Integrations
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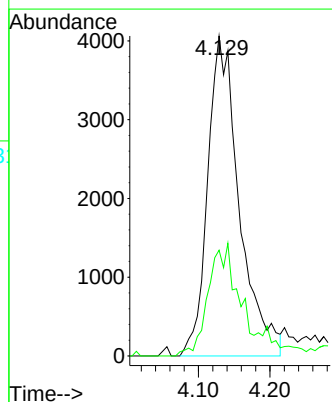
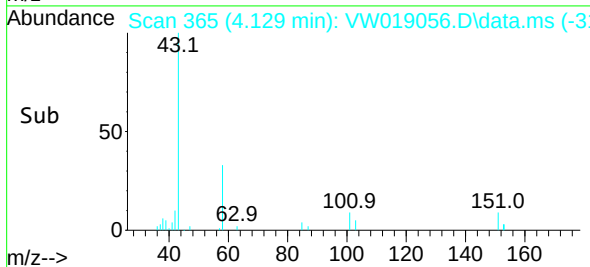
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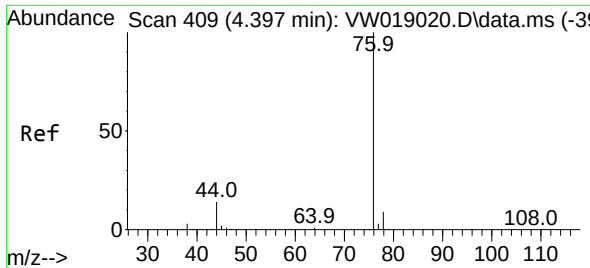


#16
Acetone
Concen: 22.45 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



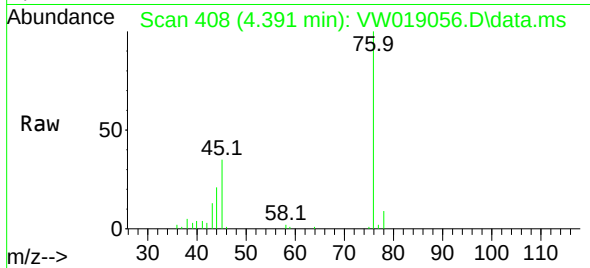
Tgt Ion:	43	Resp:	12471
Ion	Ratio	Lower	Upper
43	100		
58	31.7	26.4	39.6





#17
Carbon Disulfide
Concen: 2.32 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

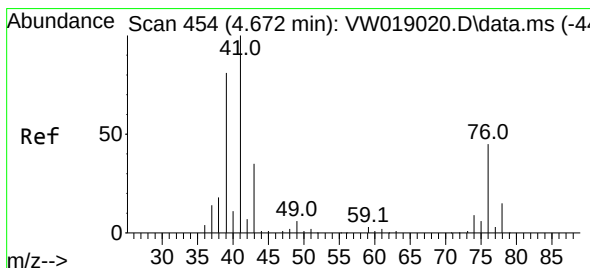
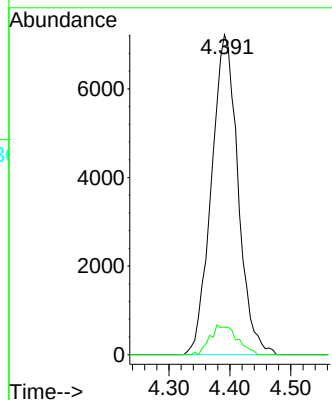
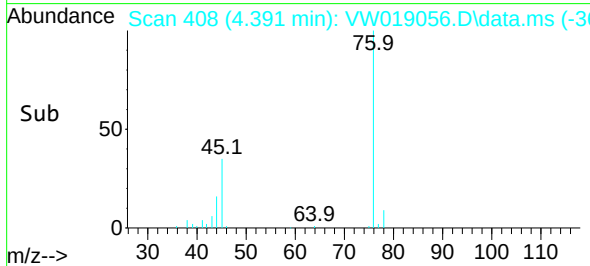
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



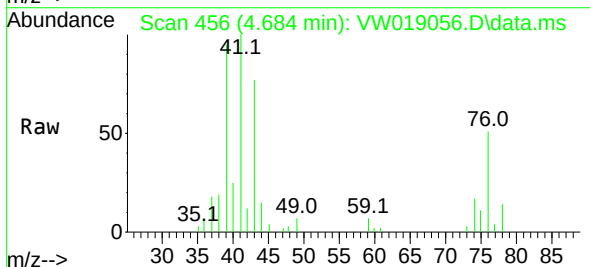
Tgt Ion: 76 Resp: 21886
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

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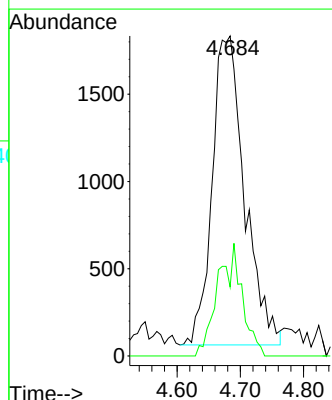
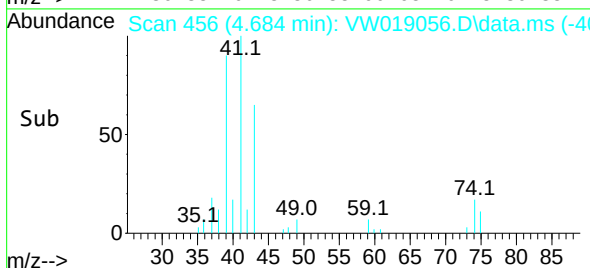
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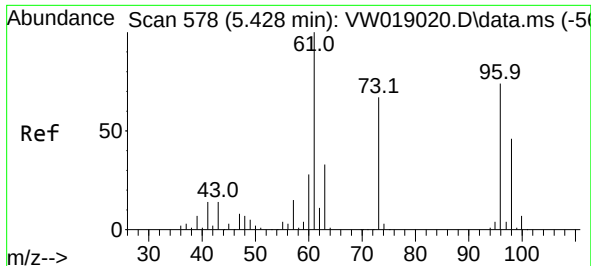


#18
Methyl Acetate
Concen: 3.85 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

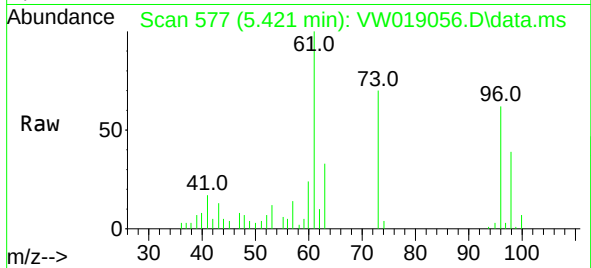


Tgt Ion: 43 Resp: 6300
Ion Ratio Lower Upper
43 100
74 15.5 21.8 32.8#

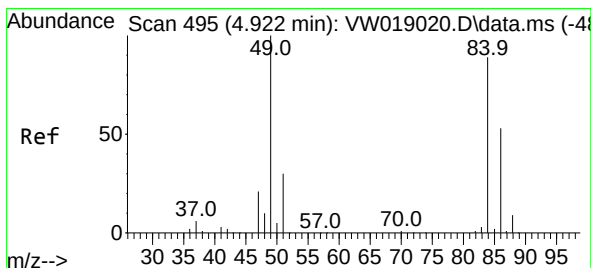
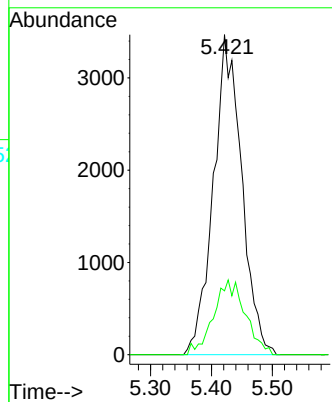
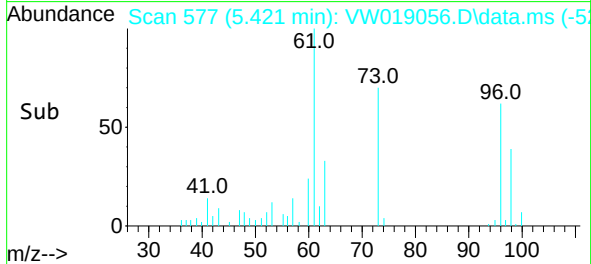




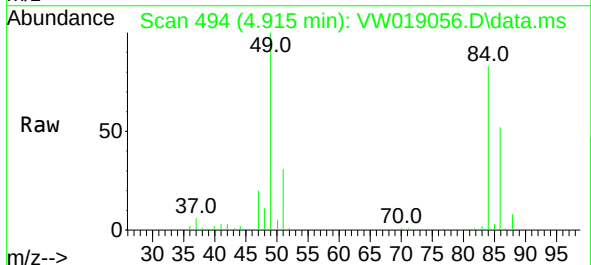
#19
Methyl tert-butyl Ether
Concen: 2.58 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



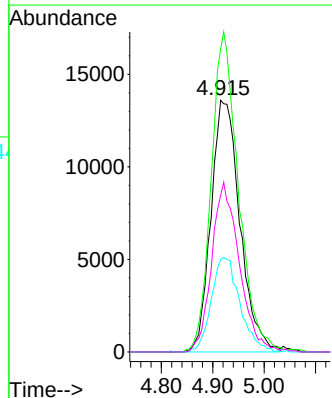
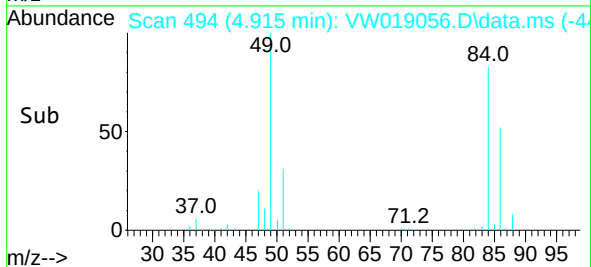
Tgt Ion: 73 Resp: 11181
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 10.65 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



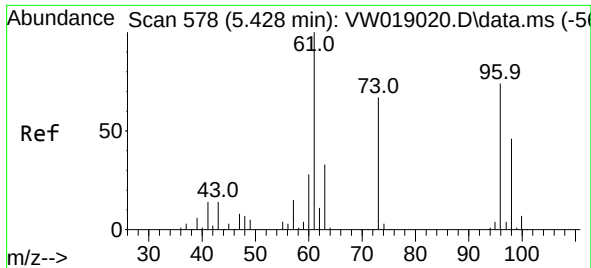
Tgt Ion: 84 Resp: 53086
Ion Ratio Lower Upper
84 100
49 120.5 90.4 135.6
51 36.8 27.1 40.7
86 62.3 47.6 71.4



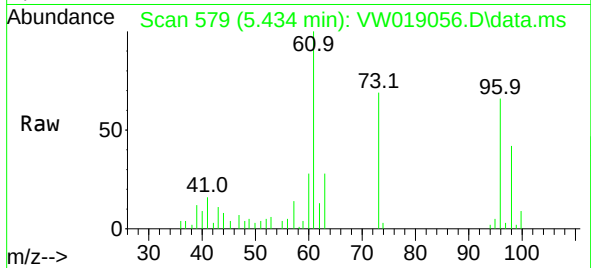
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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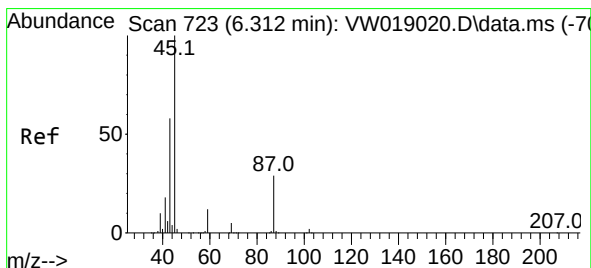
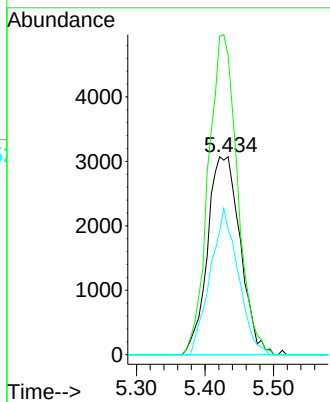
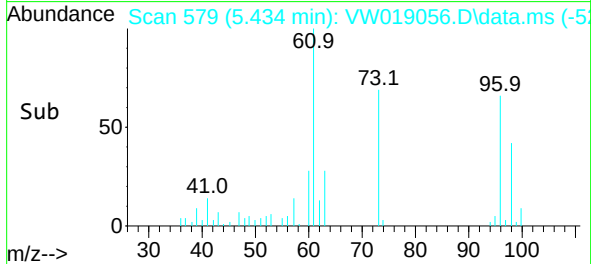
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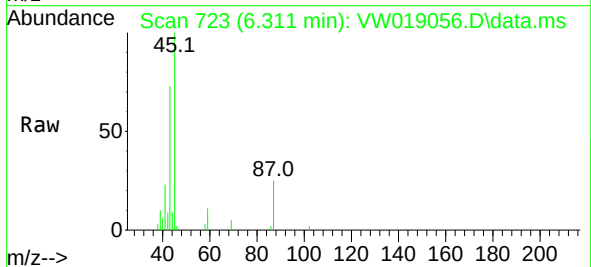
#21
trans-1,2-Dichloroethene
Concen: 2.59 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



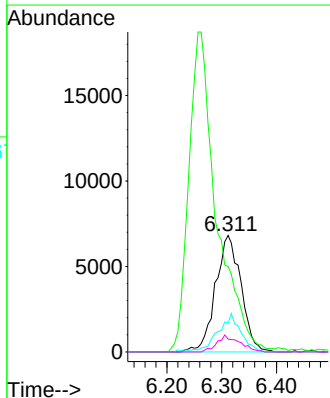
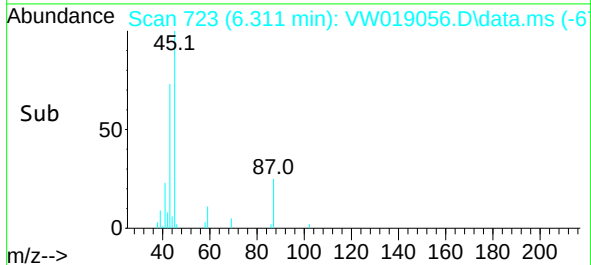
Tgt Ion: 96 Resp: 10203
Ion Ratio Lower Upper
96 100
61 151.3 108.5 162.7
98 63.4 49.4 74.0



#22
Diisopropyl ether
Concen: 2.41 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



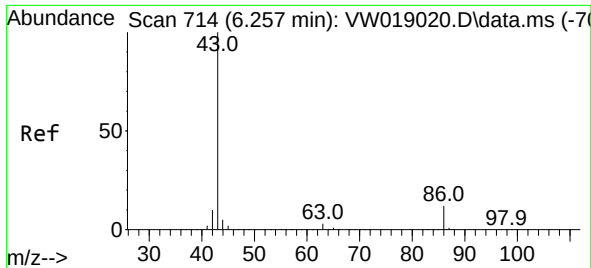
Tgt Ion: 45 Resp: 22030
Ion Ratio Lower Upper
45 100
43 69.6 46.1 69.1#
87 25.0 23.4 35.2
59 11.0 9.7 14.5



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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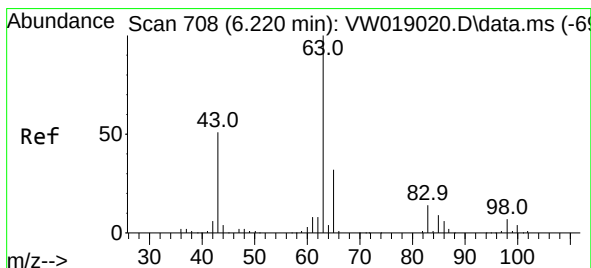
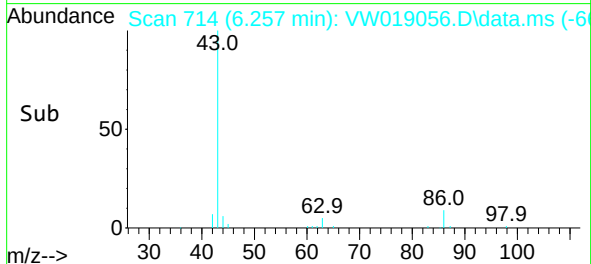
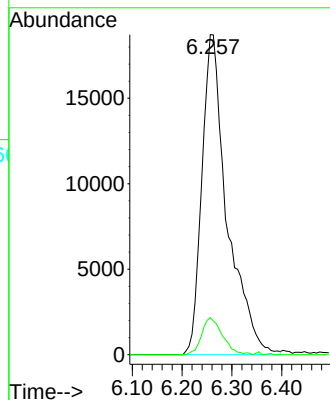
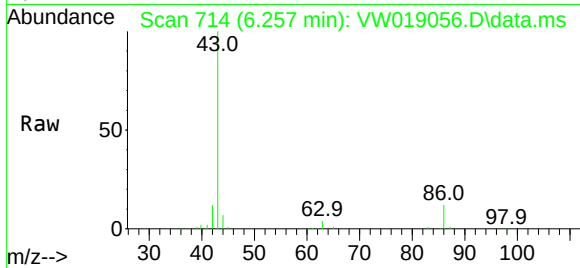
#23
 Vinyl Acetate
 Concen: 10.72 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019056.D
 Acq: 21 May 2021 18:07

Tgt Ion: 43 Resp: 65846
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

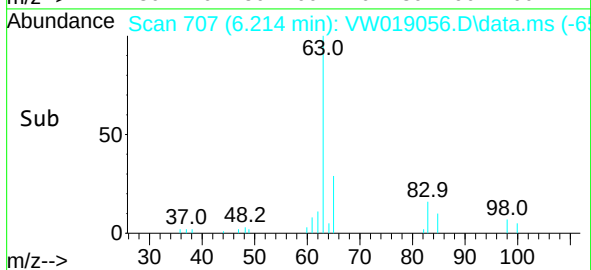
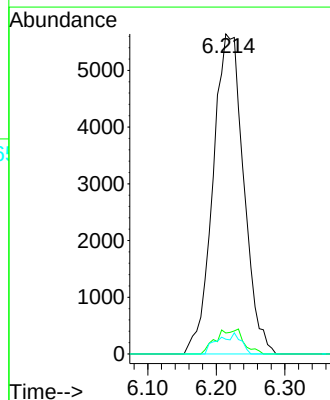
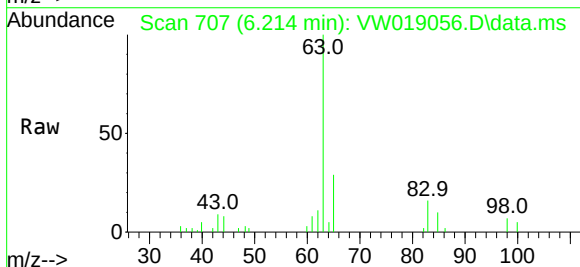
Manual Integrations
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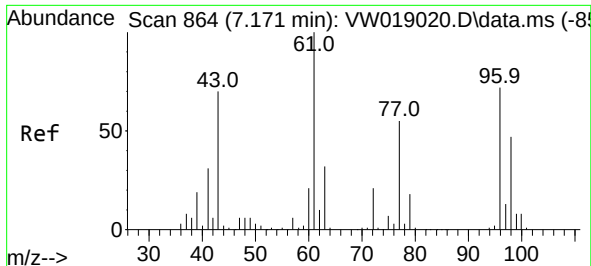
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#24
 1,1-Dichloroethane
 Concen: 2.48 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019056.D
 Acq: 21 May 2021 18:07

Tgt Ion: 63 Resp: 17522
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.6 2.3 6.8





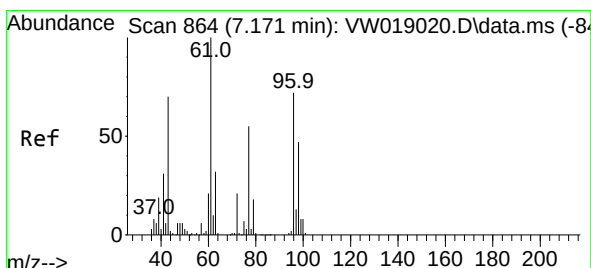
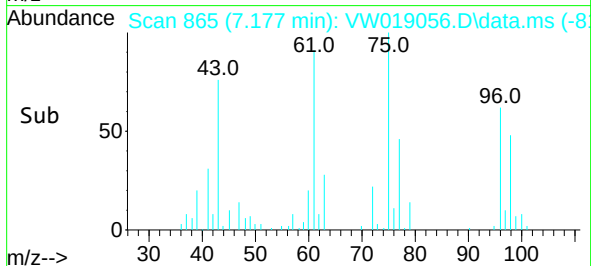
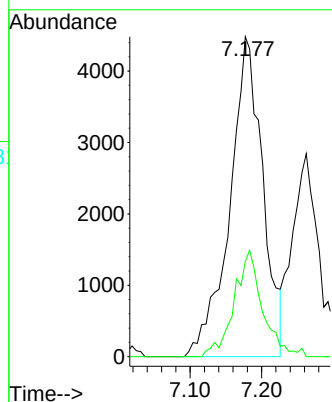
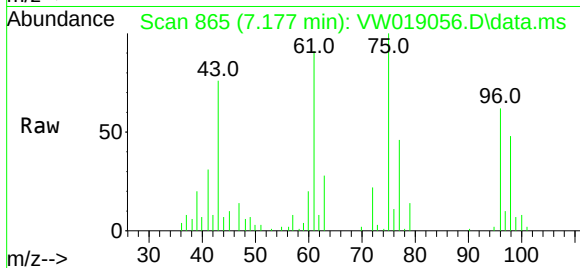
#25
2-Butanone
Concen: 15.72 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 43 Resp: 14345
Ion Ratio Lower Upper
43 100
72 29.8 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

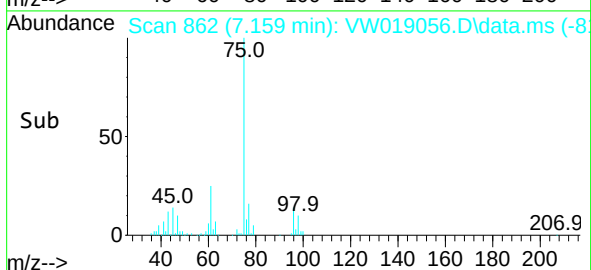
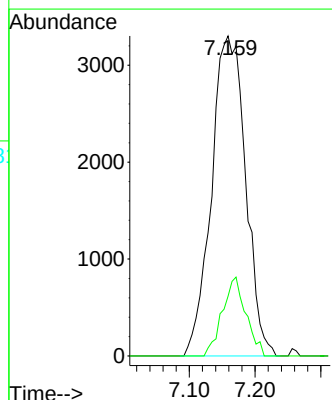
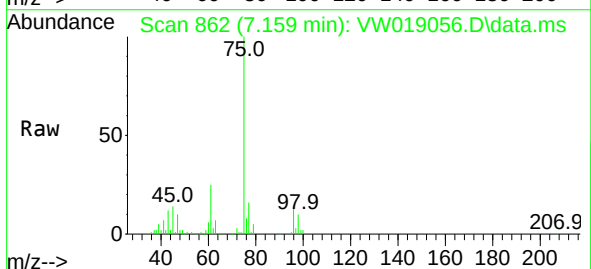
Manual Integrations
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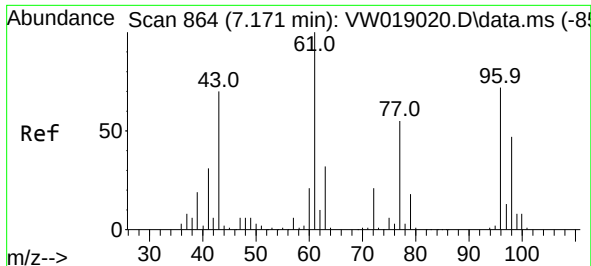
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#26
2,2-Dichloropropane
Concen: 3.13 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 77 Resp: 11917
Ion Ratio Lower Upper
77 100
97 17.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 2.45 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW019056.D

Acq: 21 May 2021 18:07

Tgt Ion:	96	Resp:	10734
Ion	Ratio	Lower	Upper
96	100		
61	163.0	0.0	281.2
98	67.2	0.0	127.4

Instrument :

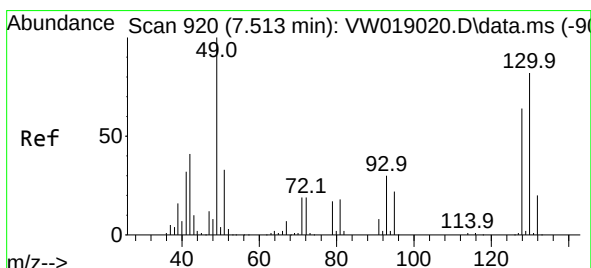
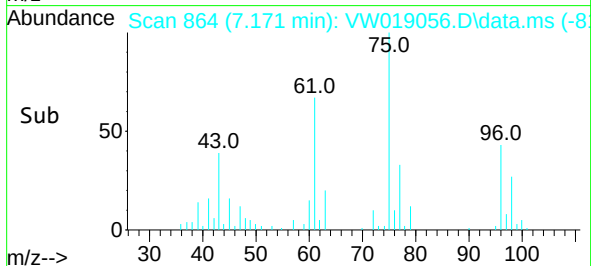
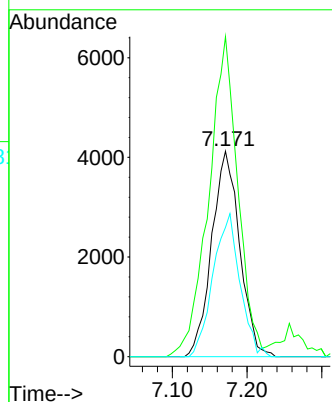
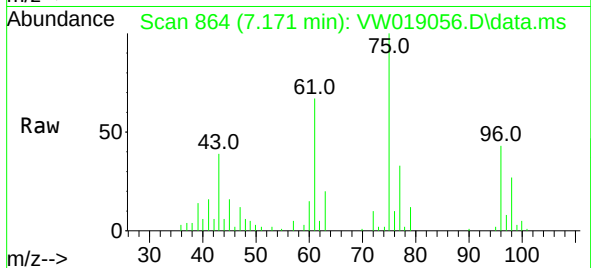
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#28

Bromochloromethane

Concen: 2.58 ug/l

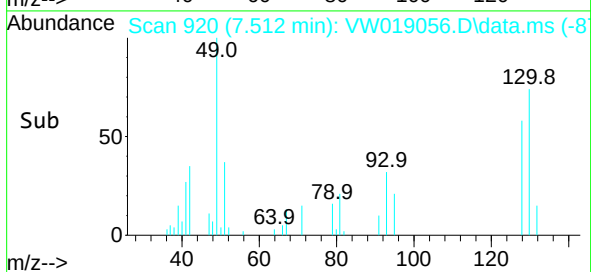
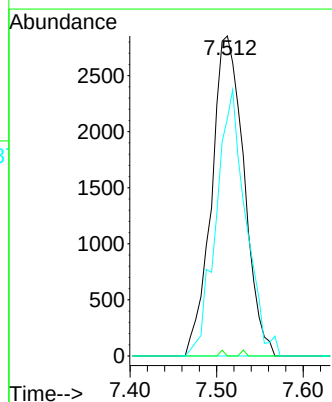
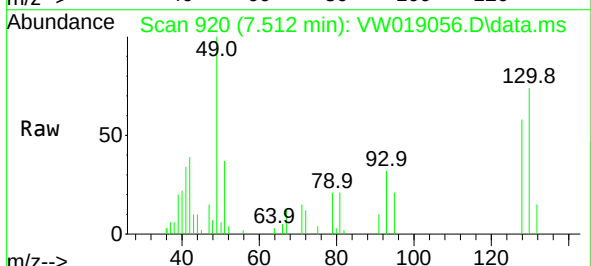
RT: 7.512 min Scan# 920

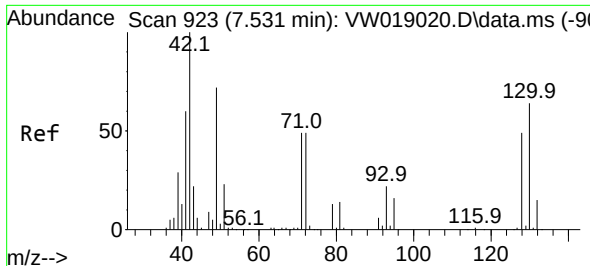
Delta R.T. -0.000 min

Lab File: VW019056.D

Acq: 21 May 2021 18:07

Tgt Ion:	49	Resp:	7416
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.4
130	76.3	63.0	94.4





#29

Tetrahydrofuran

Concen: 14.39 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW019056.D

Acq: 21 May 2021 18:07

Tgt Ion:	42	Resp:	7678
Ion	Ratio	Lower	Upper
42	100		
72	47.8	40.1	60.1
71	45.8	38.3	57.5

Instrument :

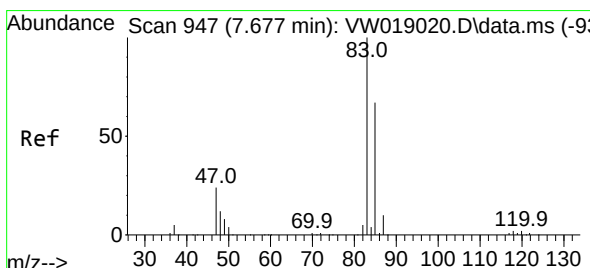
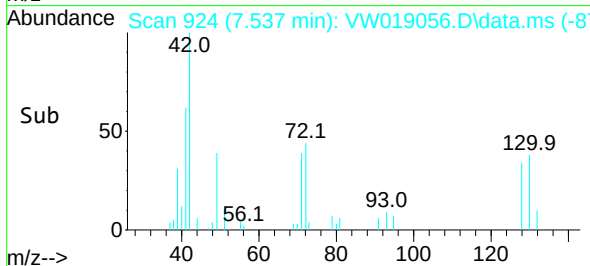
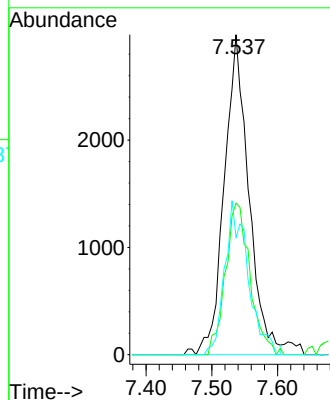
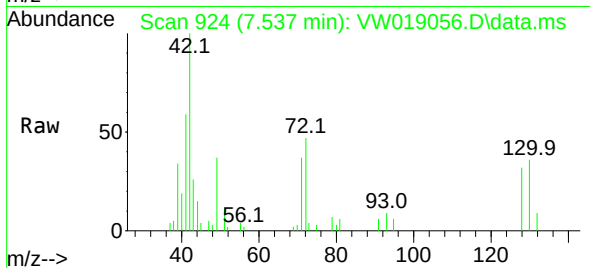
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ClientSampleId :

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#30

Chloroform

Concen: 2.50 ug/l

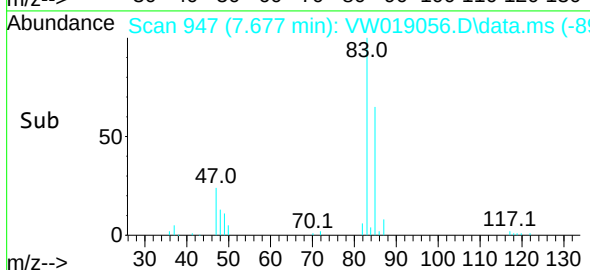
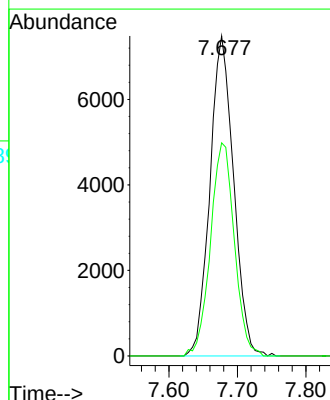
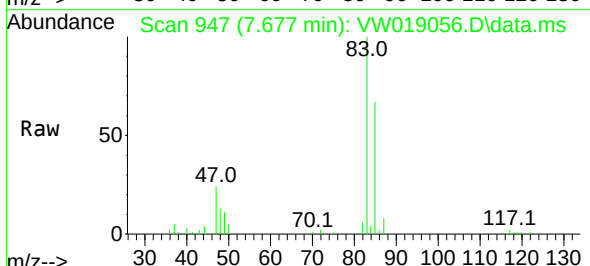
RT: 7.677 min Scan# 947

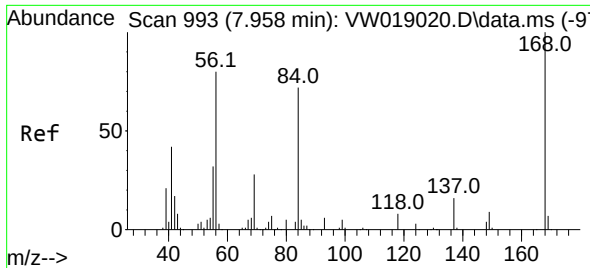
Delta R.T. -0.000 min

Lab File: VW019056.D

Acq: 21 May 2021 18:07

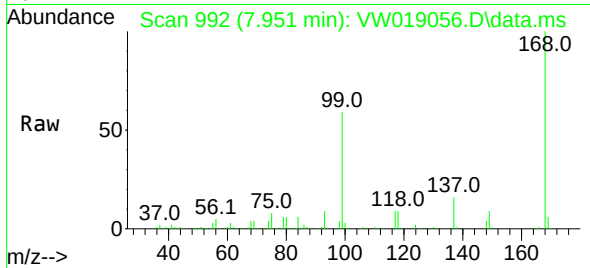
Tgt Ion:	83	Resp:	17969
Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.4	80.0





#31
Cyclohexane
Concen: 3.78 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

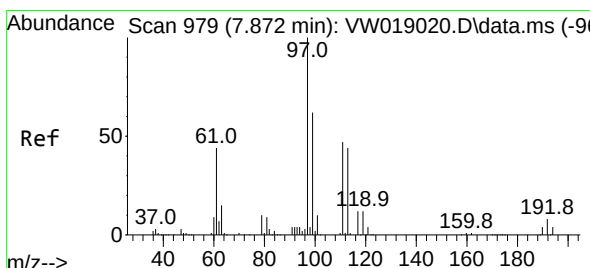
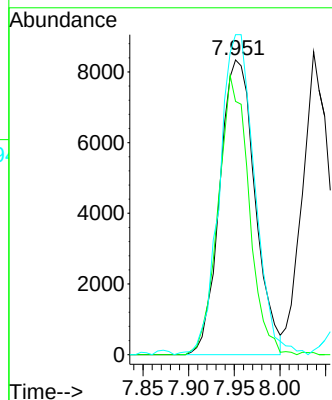
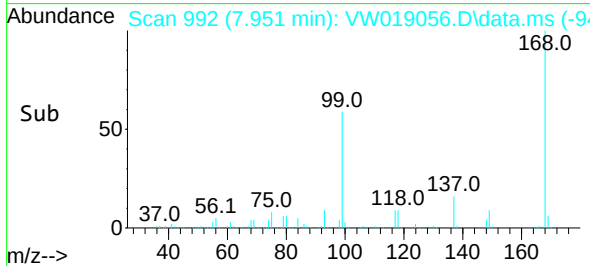
Instrument :
MSVOA_W
ClientSampleId :
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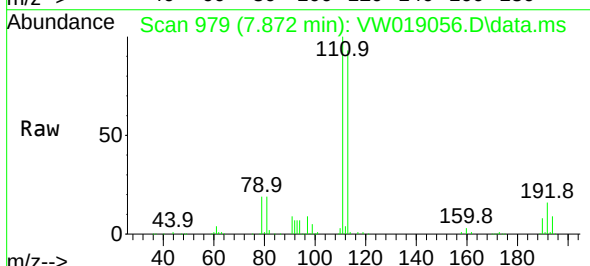
Tgt Ion: 56 Resp: 22342
Ion Ratio Lower Upper
56 100
69 85.9 28.4 42.6#
84 107.9 72.3 108.5

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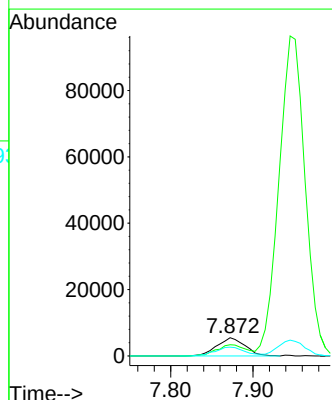
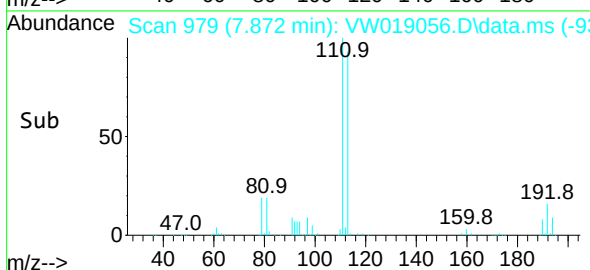
MMDadoda
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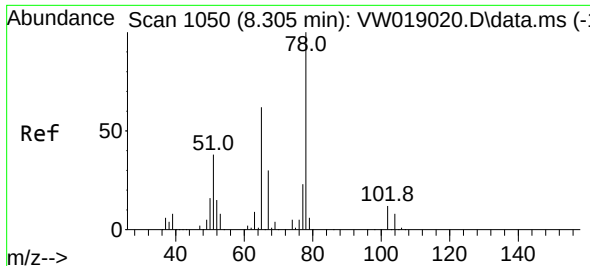


#32
1,1,1-Trichloroethane
Concen: 2.44 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



Tgt Ion: 97 Resp: 13025
Ion Ratio Lower Upper
97 100
99 66.0 52.2 78.4
61 51.0 36.7 55.1





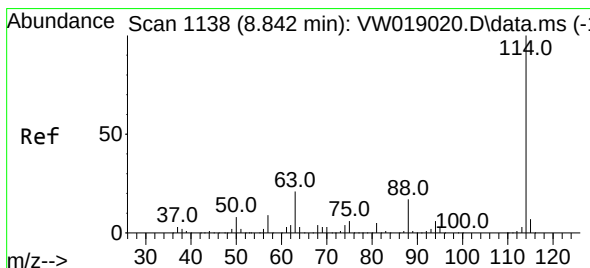
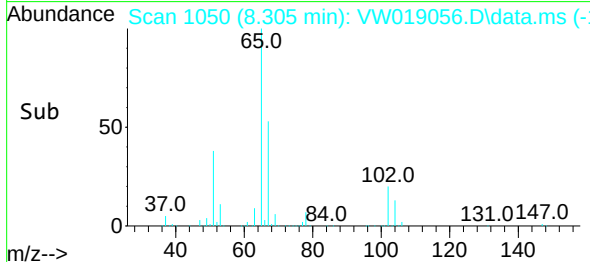
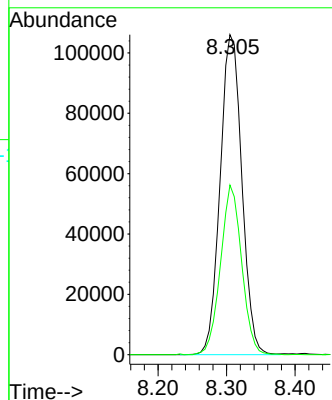
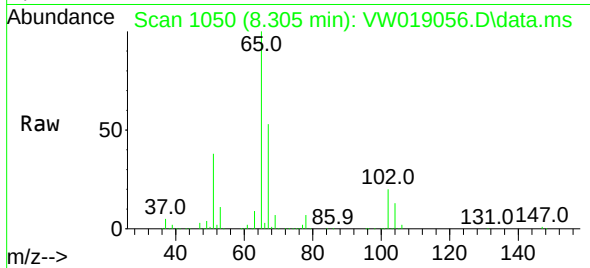
#33
1,2-Dichloroethane-d4
Concen: 65.98 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 65 Resp: 233163
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
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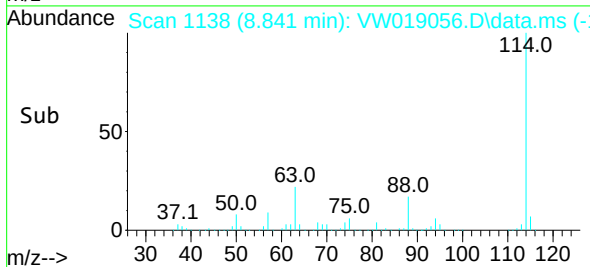
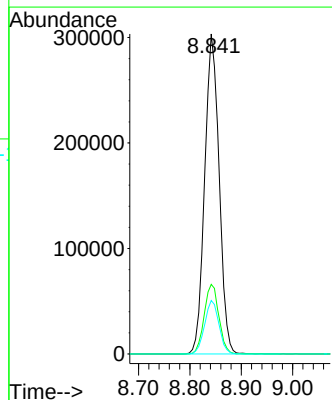
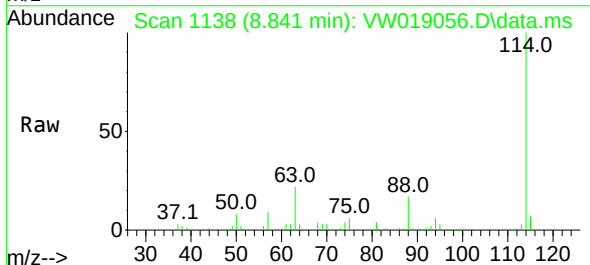
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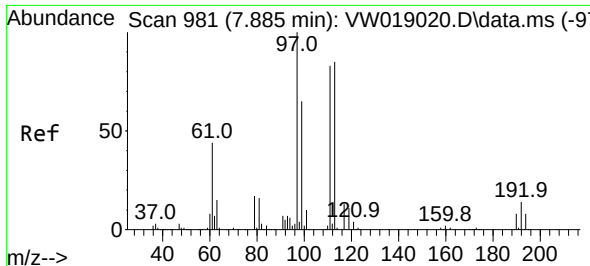
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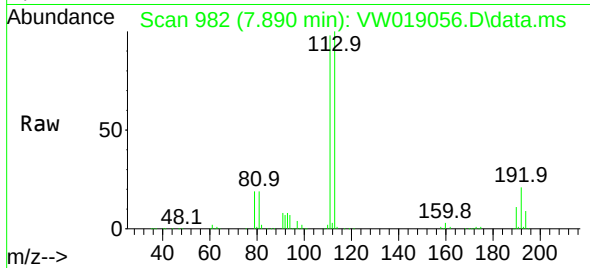
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 114 Resp: 590445
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.7 0.0 33.2

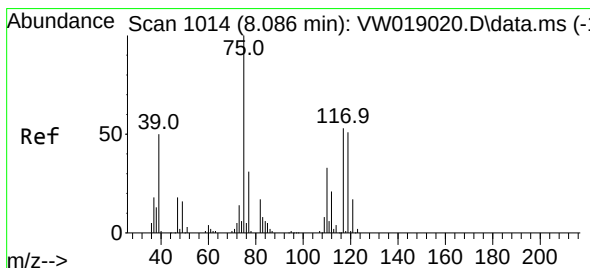
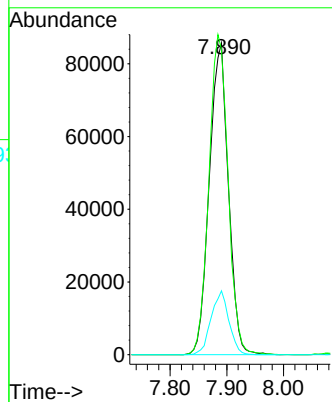
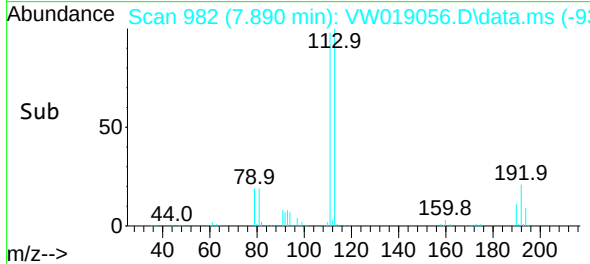




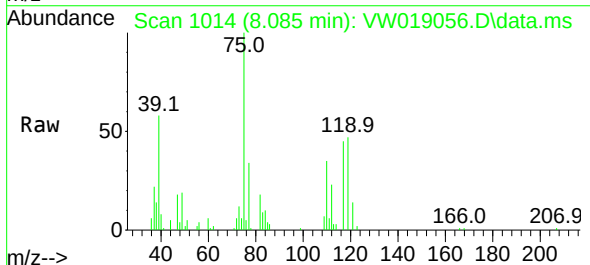
#35
Dibromofluoromethane
Concen: 60.96 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.005 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



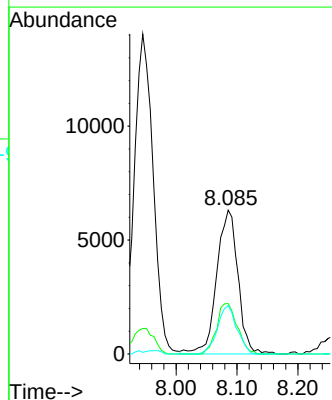
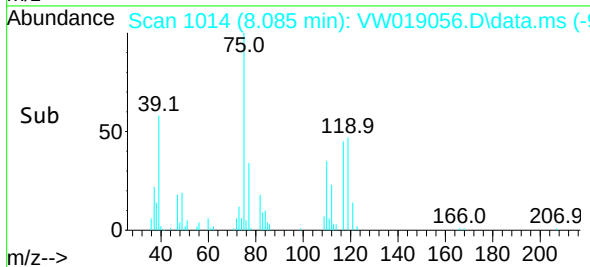
Tgt Ion: 113 Resp: 200397
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.61 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



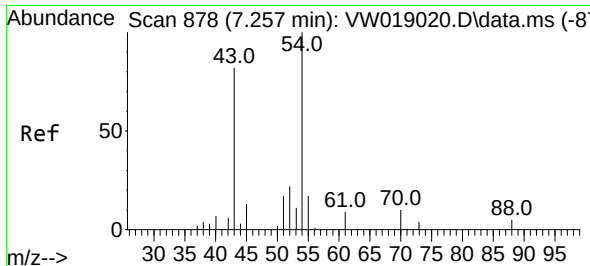
Tgt Ion: 75 Resp: 15335
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.2
77 30.6 25.3 37.9



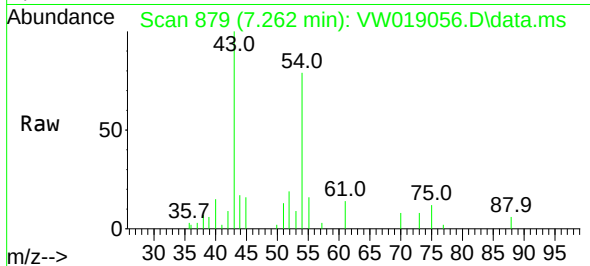
Instrument :
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ClientSampleId :
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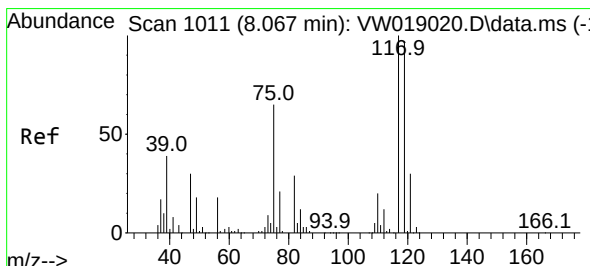
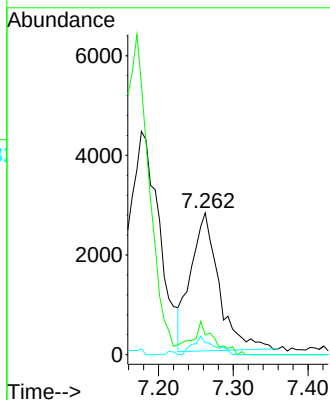
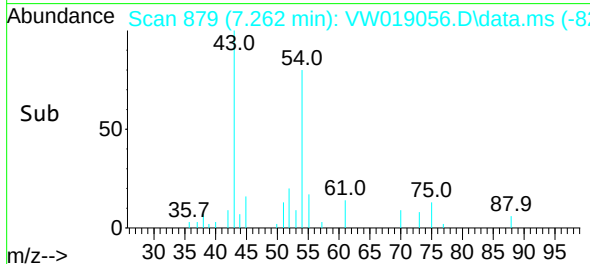


#37
Ethyl Acetate
Concen: 3.21 ug/l
RT: 7.262 min Scan# 879
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

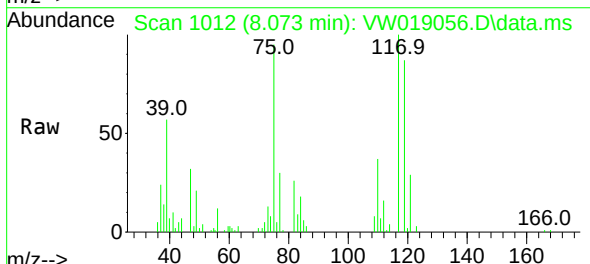


Tgt Ion: 43 Resp: 7293

Ion	Ratio	Lower	Upper
43	100		
61	18.4	12.2	18.4#
70	9.6	9.5	14.3

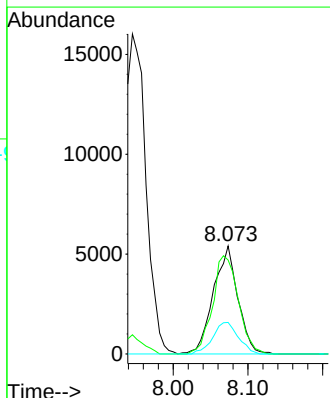
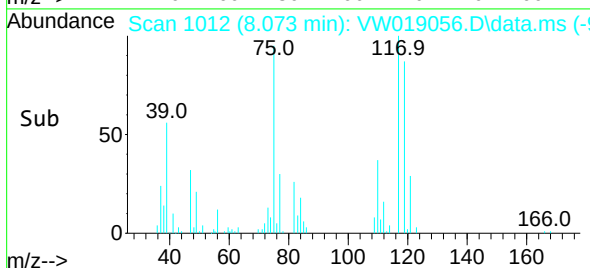


#38
Carbon Tetrachloride
Concen: 2.38 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



Tgt Ion: 117 Resp: 12319

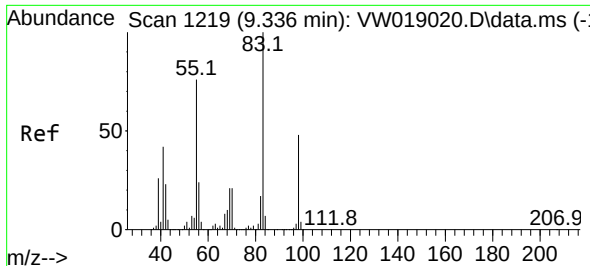
Ion	Ratio	Lower	Upper
117	100		
119	87.0	77.4	116.0
121	29.2	23.6	35.4



Instrument :
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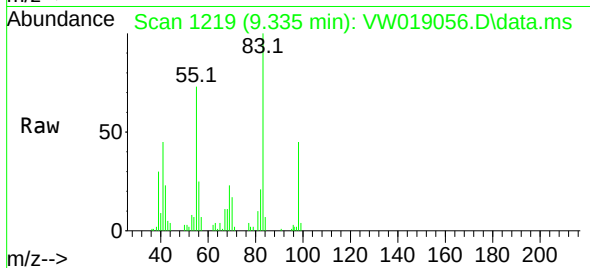
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#39
Methylcyclohexane
Concen: 2.62 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

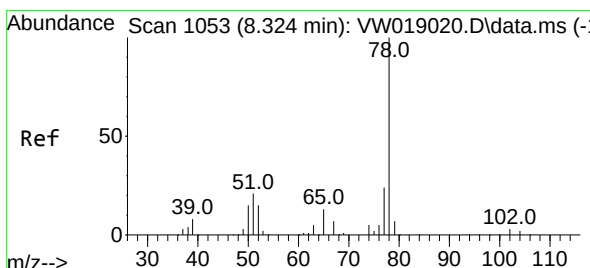
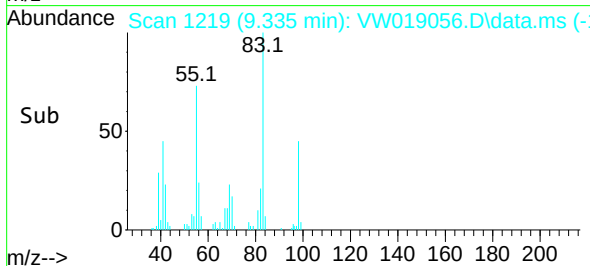
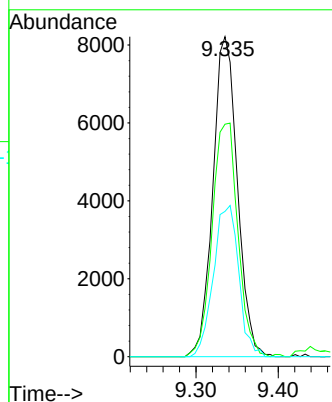
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	83	Resp:	17017
Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.9	91.3
98	45.4	38.4	57.6

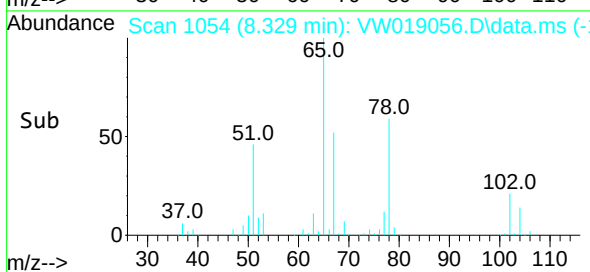
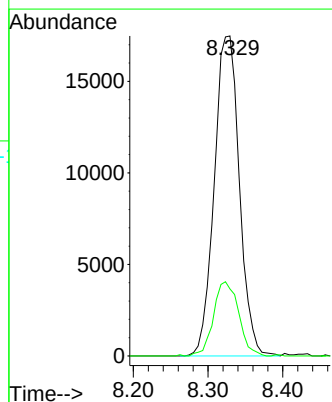
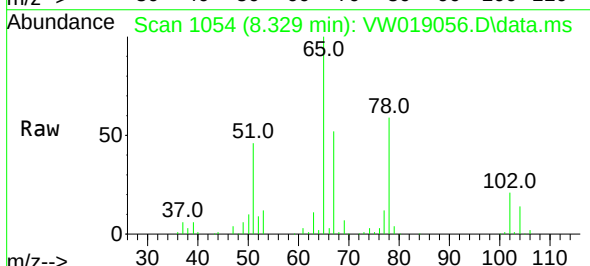
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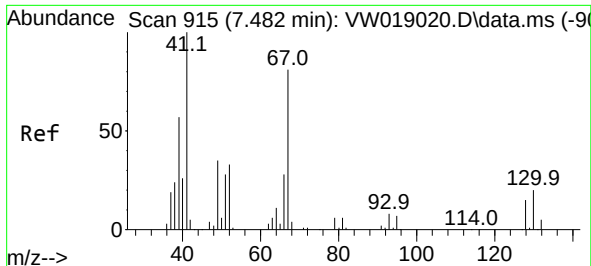
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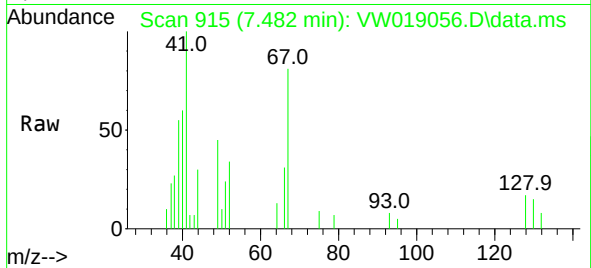
#40
Benzene
Concen: 2.49 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion:	78	Resp:	40859
Ion	Ratio	Lower	Upper
78	100		
77	20.6	19.6	29.4

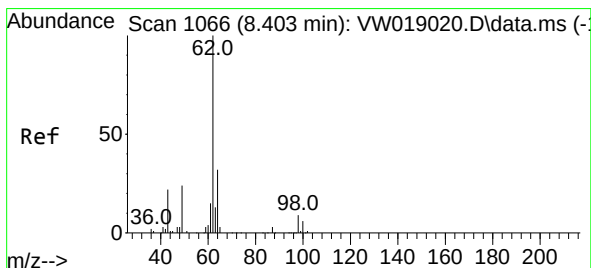
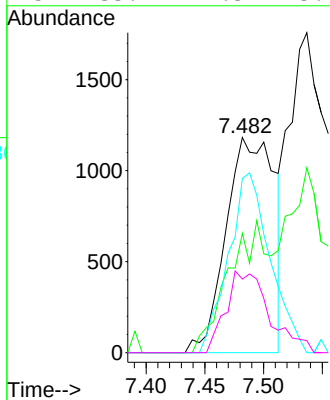
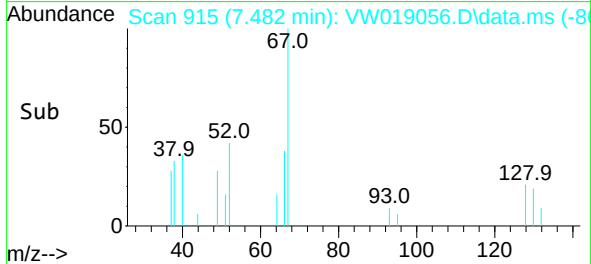




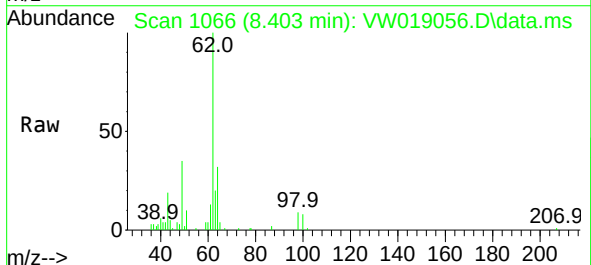
#41
Methacrylonitrile
Concen: 2.73 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



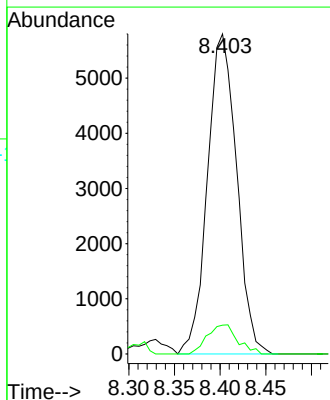
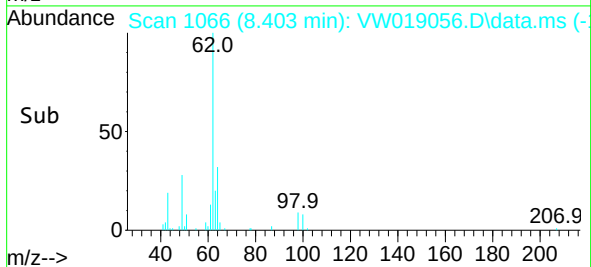
Tgt Ion:	41	Resp:	3388
Ion	Ratio	Lower	Upper
41	100		
39	50.1	50.1	75.1
67	71.8	69.0	103.4
52	33.9	29.3	43.9



#42
1,2-Dichloroethane
Concen: 2.64 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



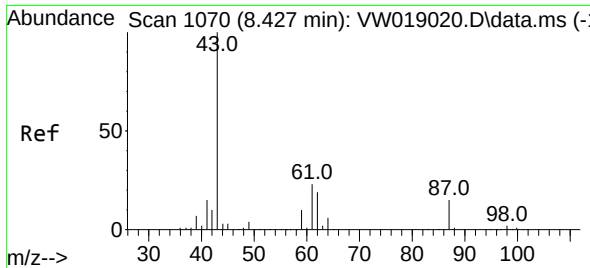
Tgt Ion:	62	Resp:	12882
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
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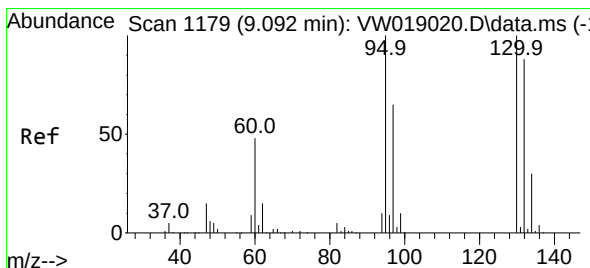
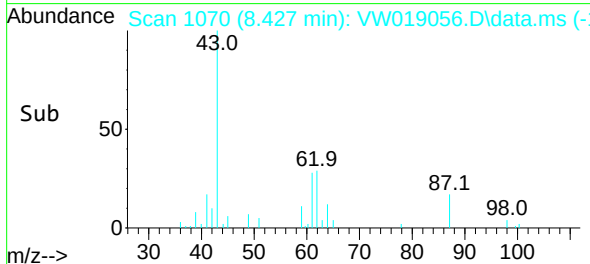
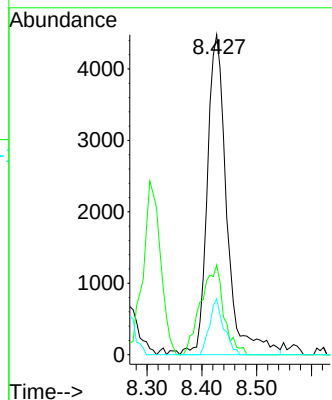
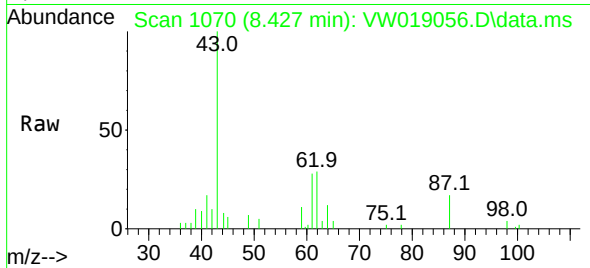
#43
Isopropyl Acetate
Concen: 2.60 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion:	43	Resp:	11024
Ion Ratio	Lower	Upper	
43	100		
61	33.0	27.0	40.6
87	12.8	11.6	17.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

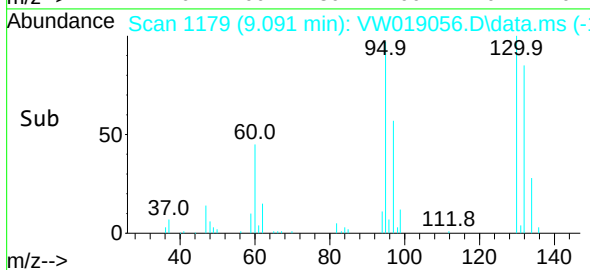
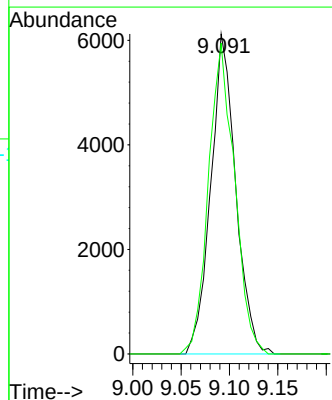
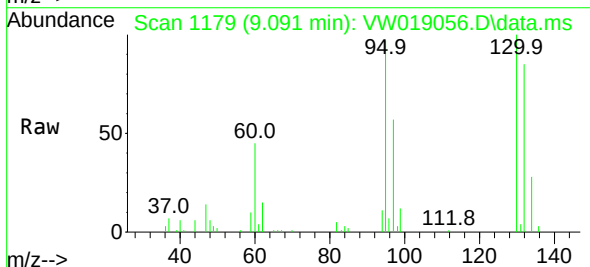
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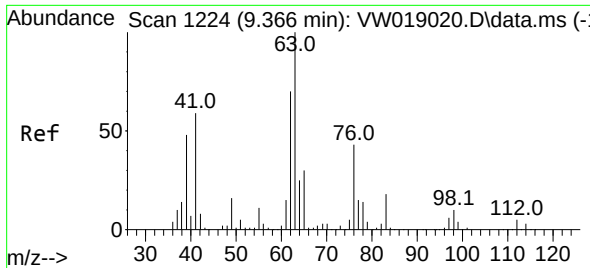
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#44
Trichloroethene
Concen: 2.59 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

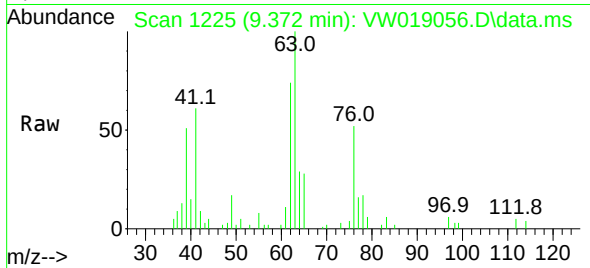
Tgt Ion:	130	Resp:	10966
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	199.0





#45
1,2-Dichloropropane
Concen: 2.45 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

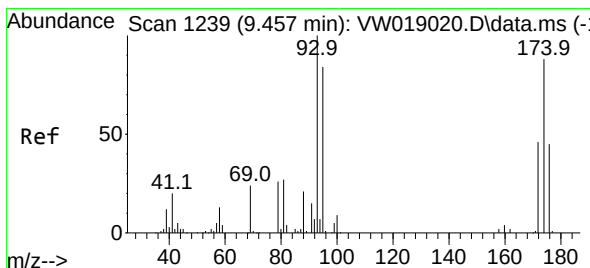
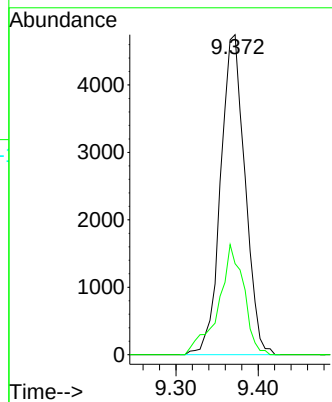
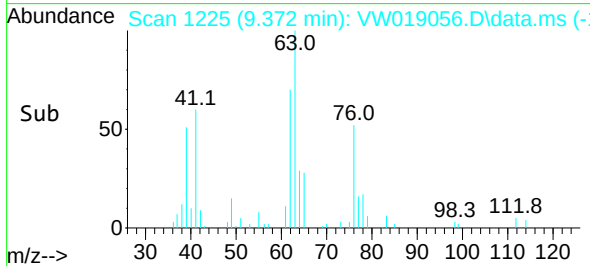
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



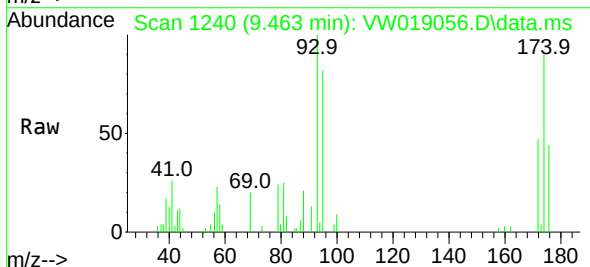
Tgt Ion: 63 Resp: 9754
Ion Ratio Lower Upper
63 100
65 28.4 24.1 36.1

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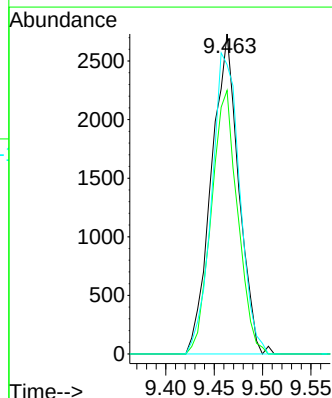
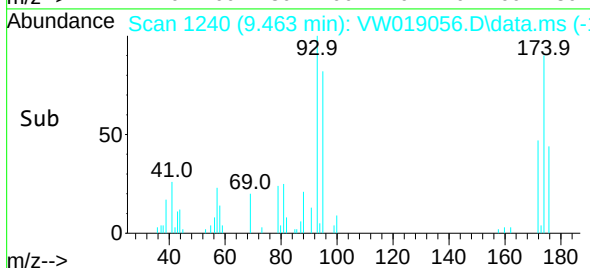
MMDadoda
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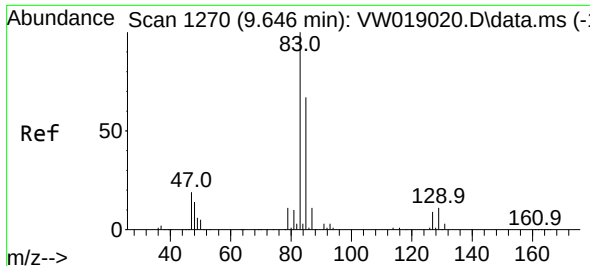


#46
Dibromomethane
Concen: 2.48 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



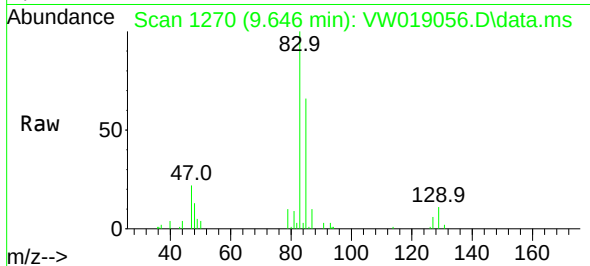
Tgt Ion: 93 Resp: 5349
Ion Ratio Lower Upper
93 100
95 79.3 66.7 100.1
174 96.3 75.3 112.9





#47
Bromodichloromethane
Concen: 2.41 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

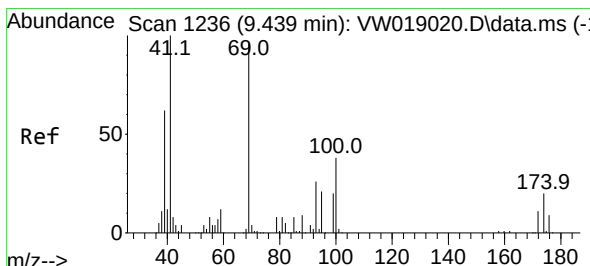
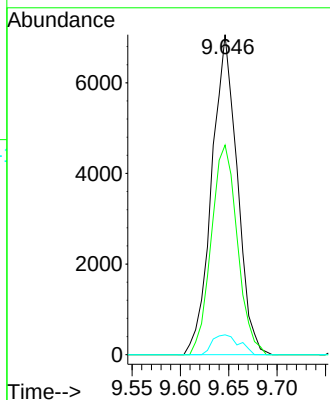
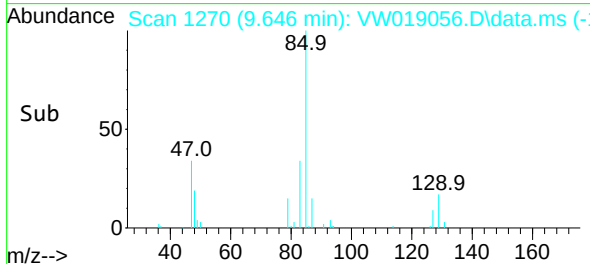
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



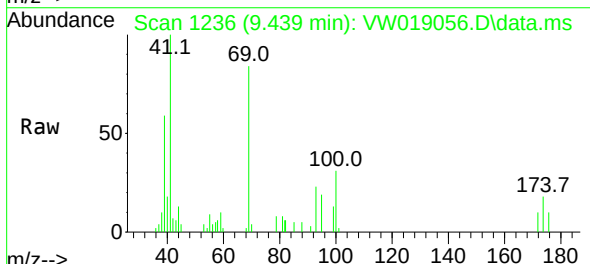
Tgt Ion: 83 Resp: 12933
Ion Ratio Lower Upper
83 100
85 65.5 53.4 80.2
127 6.2 7.0 10.6#

Manual Integrations
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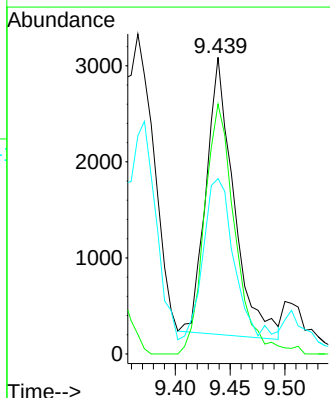
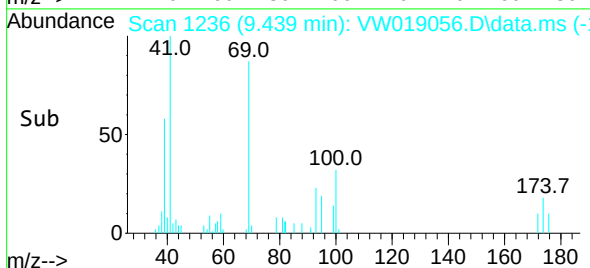
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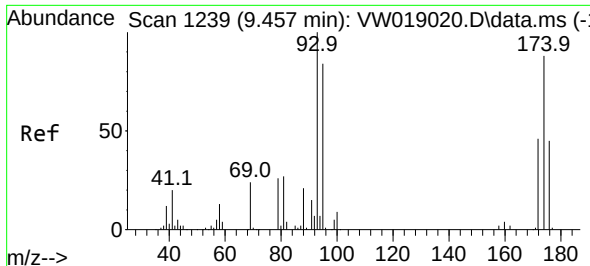


#48
Methyl methacrylate
Concen: 2.59 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



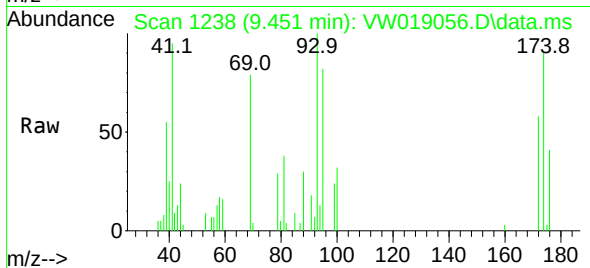
Tgt Ion: 41 Resp: 5040
Ion Ratio Lower Upper
41 100
69 100.5 80.2 120.2
39 79.7 51.5 77.3#





#49
1,4-Dioxane
Concen: 55.23 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

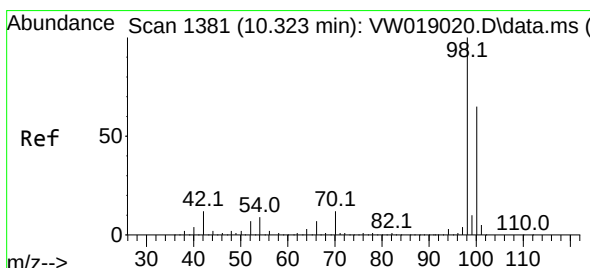
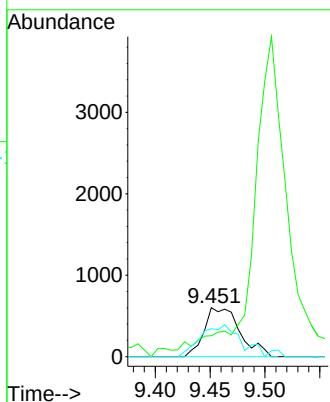
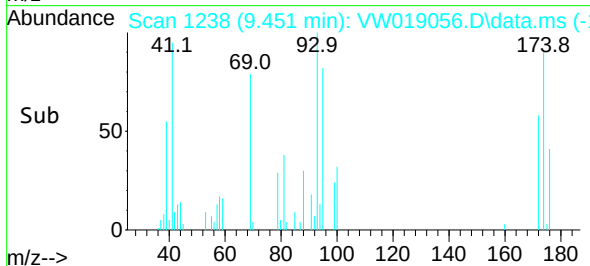
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



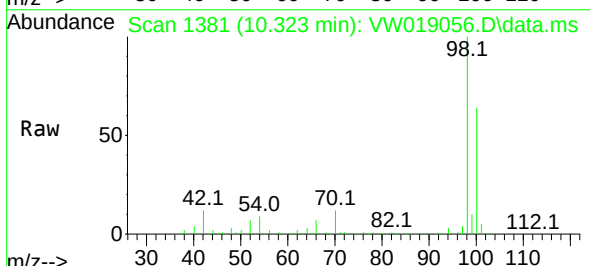
Tgt Ion: 88 Resp: 1359
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 77.0 55.4 83.2

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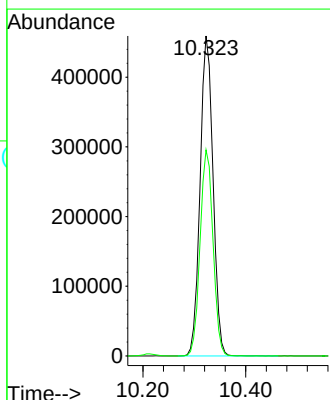
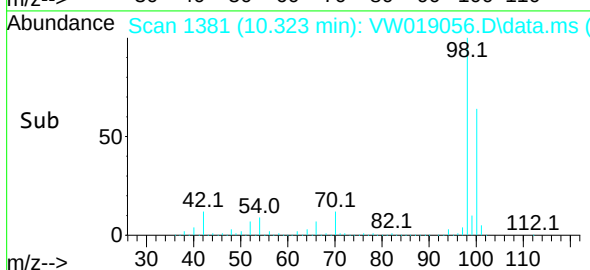
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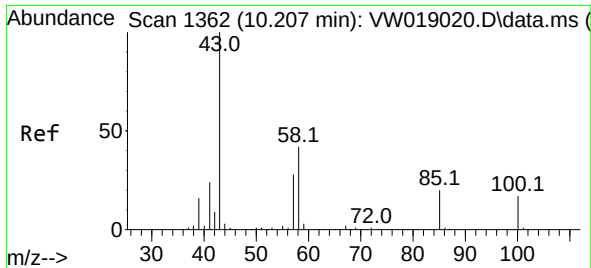


#50
Toluene-d8
Concen: 61.81 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



Tgt Ion: 98 Resp: 799767
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





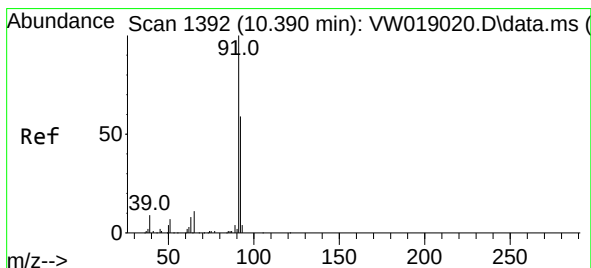
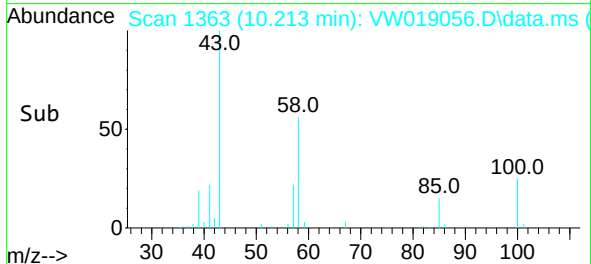
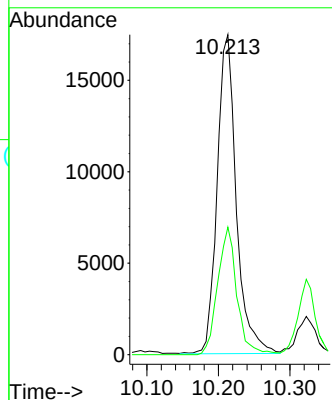
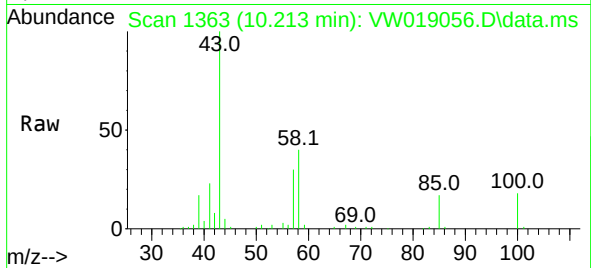
#51
4-Methyl-2-Pentanone
Concen: 14.76 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 43 Resp: 32450
Ion Ratio Lower Upper
43 100
58 40.2 34.2 51.4

Instrument :
MSVOA_W
ClientSampleId :
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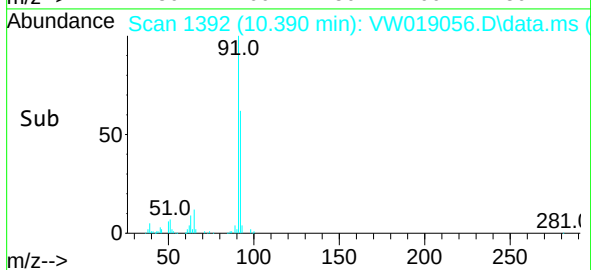
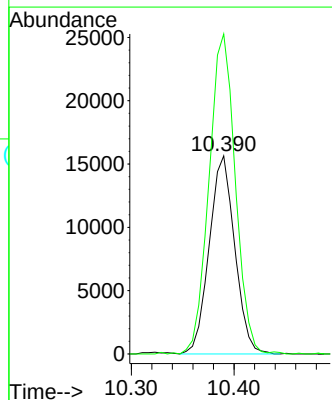
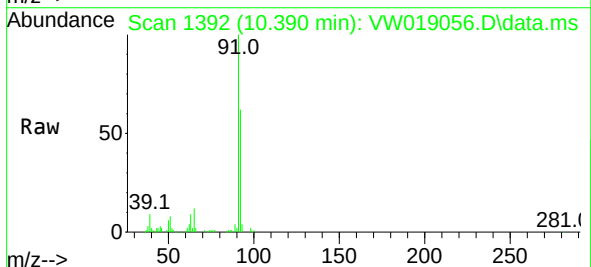
Manual Integrations
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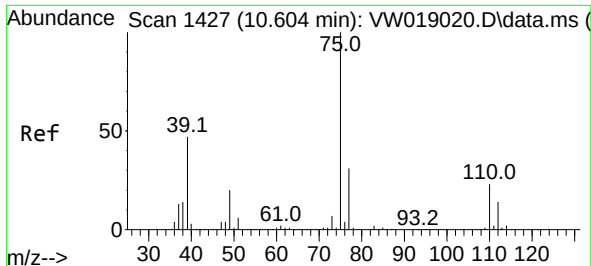
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#52
Toluene
Concen: 2.59 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

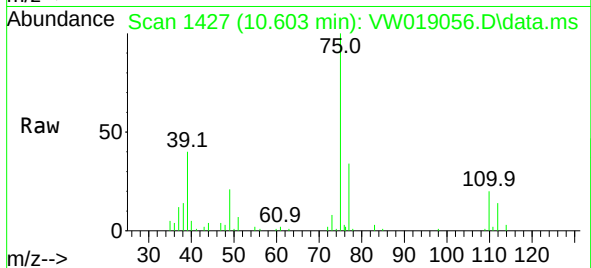
Tgt Ion: 92 Resp: 26996
Ion Ratio Lower Upper
92 100
91 166.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 2.28 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

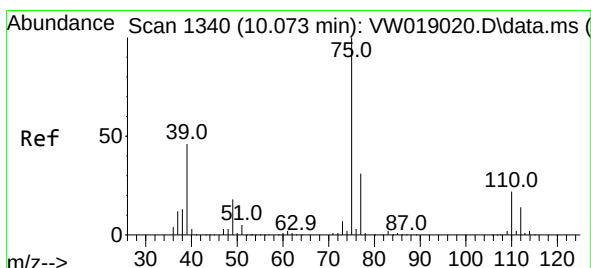
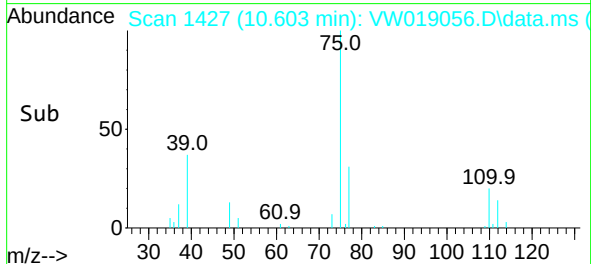
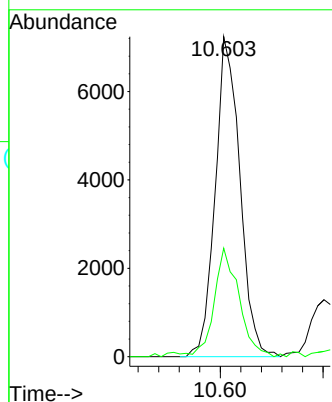
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



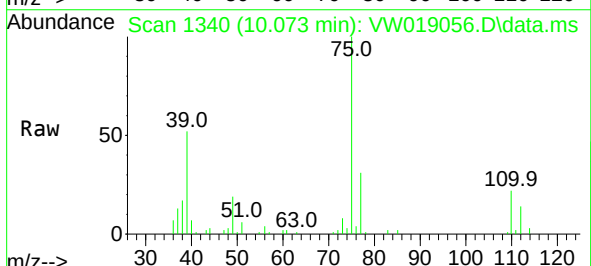
Tgt Ion: 75 Resp: 12029
Ion Ratio Lower Upper
75 100
77 33.0 24.8 37.2

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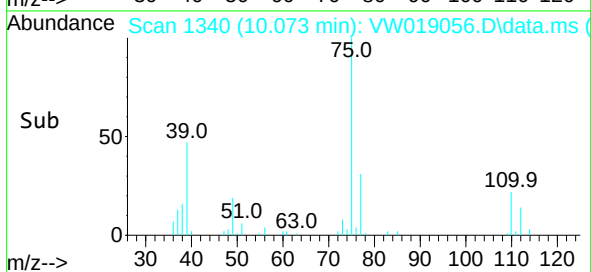
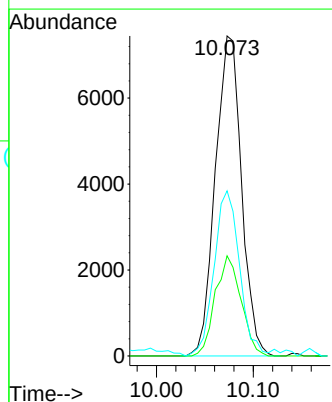
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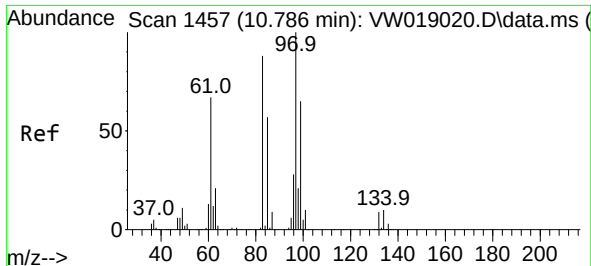


#54
cis-1,3-Dichloropropene
Concen: 2.23 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



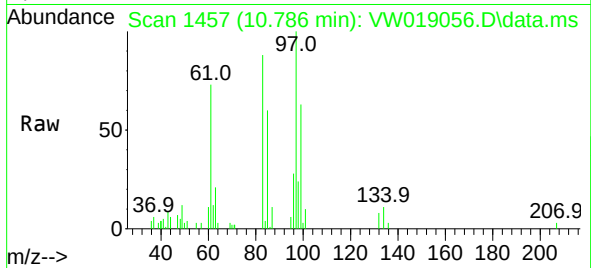
Tgt Ion: 75 Resp: 13994
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 50.8 36.9 55.3





#55
1,1,2-Trichloroethane
Concen: 2.56 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

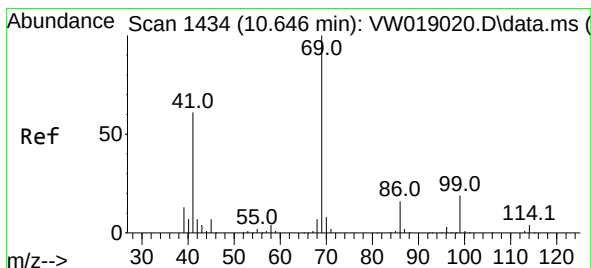
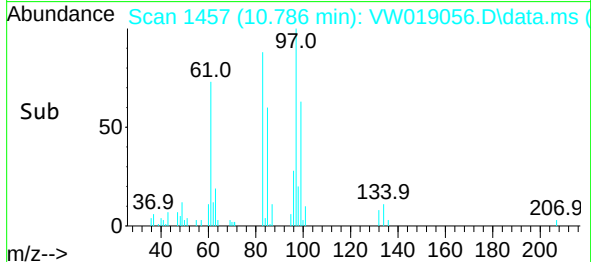
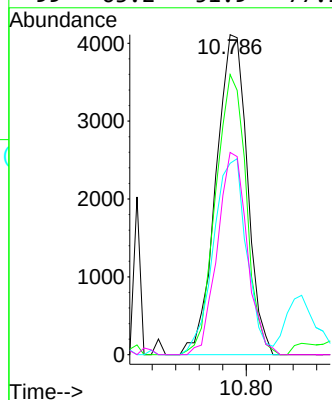
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:	97	Resp:	7632
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.6	106.0
85	59.8	45.8	68.6
99	63.2	51.9	77.9

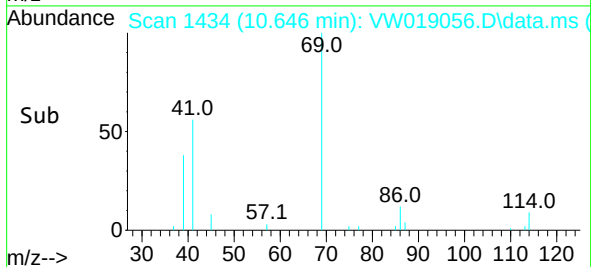
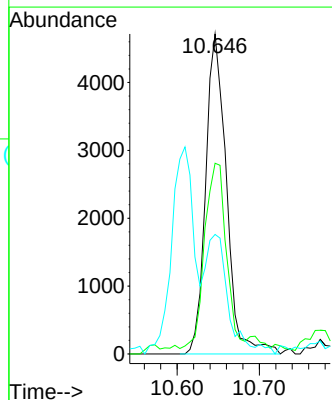
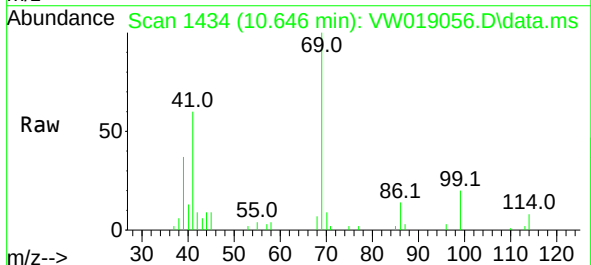
Manual Integrations
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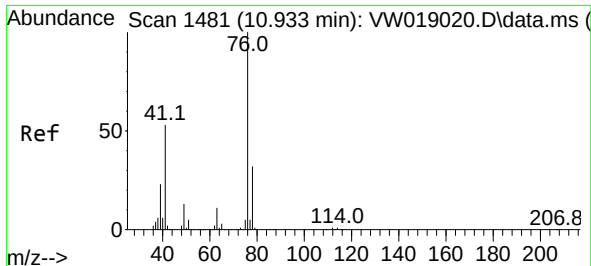
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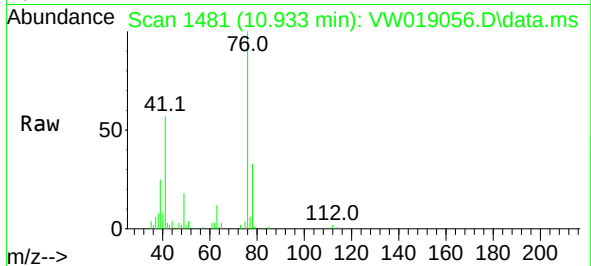
#56
Ethyl methacrylate
Concen: 2.21 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion:	69	Resp:	8277
Ion	Ratio	Lower	Upper
69	100		
41	59.8	48.7	73.1
39	39.9	29.0	43.4

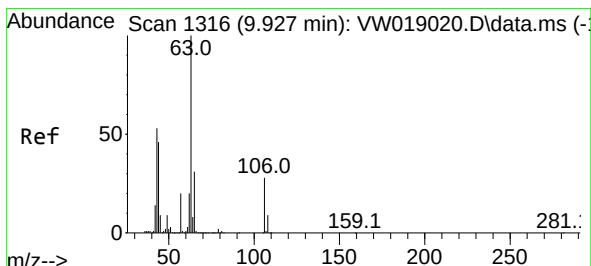
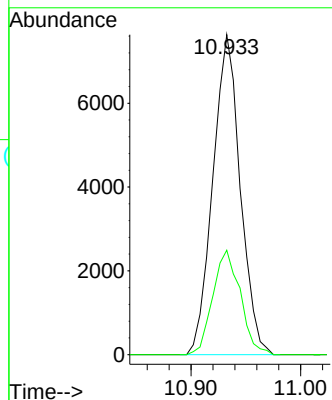
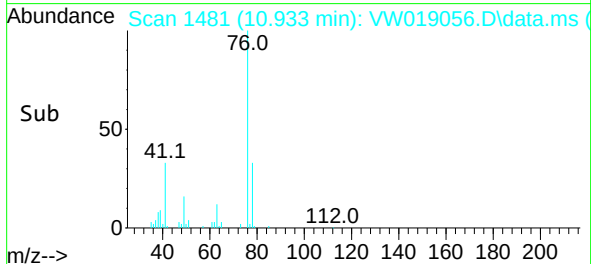




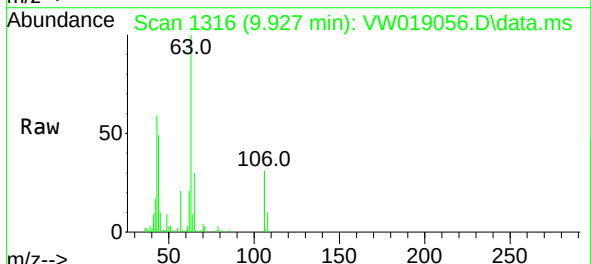
#57
1,3-Dichloropropane
Concen: 2.48 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



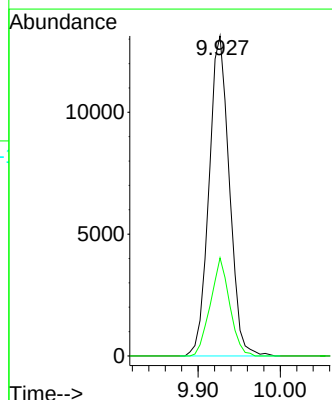
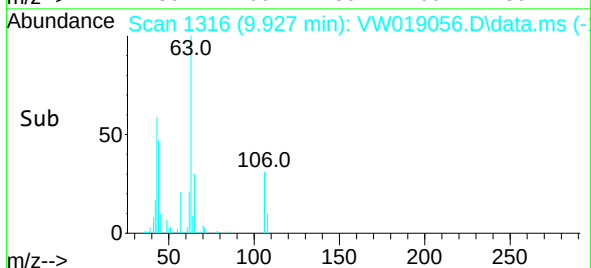
Tgt Ion: 76 Resp: 13260
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 11.65 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



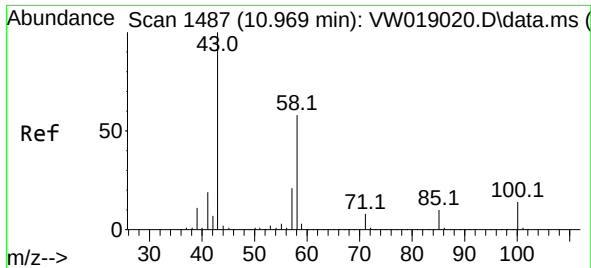
Tgt Ion: 63 Resp: 22571
Ion Ratio Lower Upper
63 100
106 29.1 22.3 33.5



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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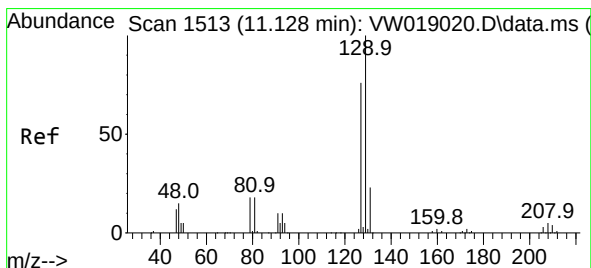
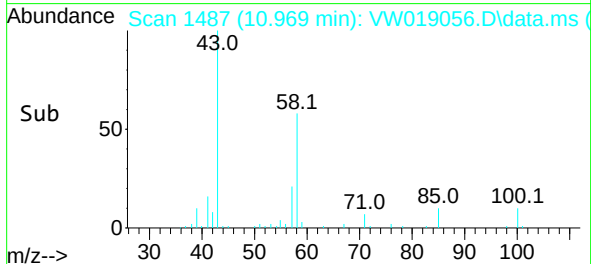
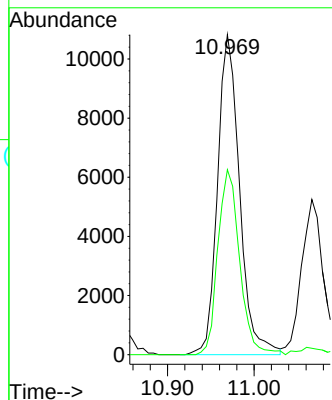
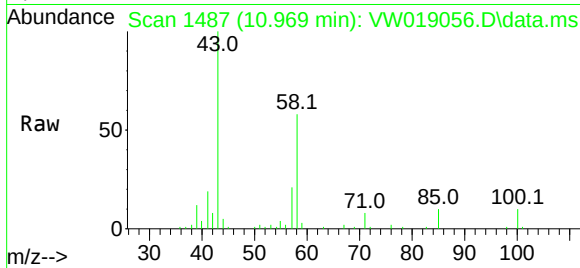
#59
2-Hexanone
Concen: 13.09 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 43 Resp: 19122
Ion Ratio Lower Upper
43 100
58 57.1 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

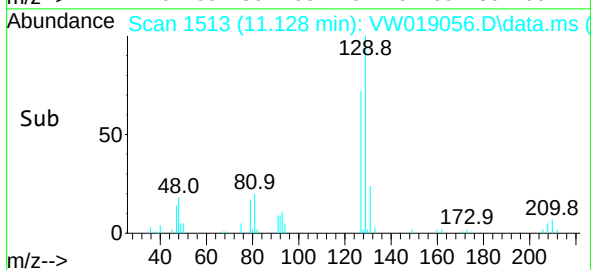
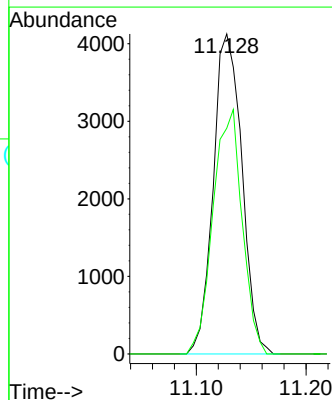
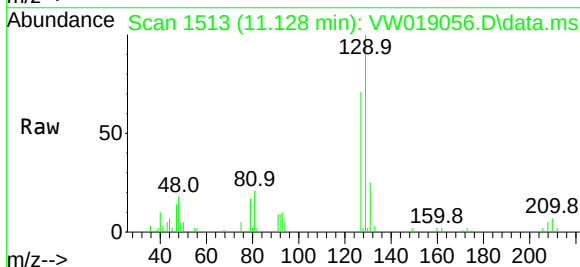
Manual Integrations
APPROVED

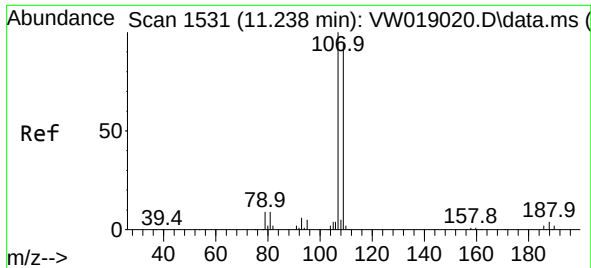
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#60
Dibromochloromethane
Concen: 2.24 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

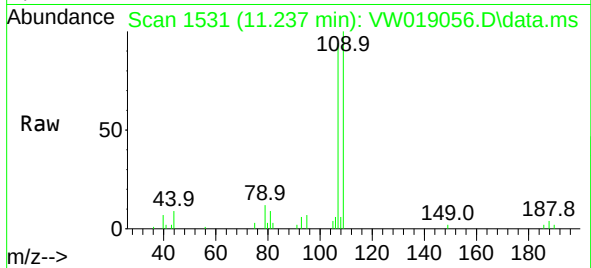
Tgt Ion: 129 Resp: 7481
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 2.49 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

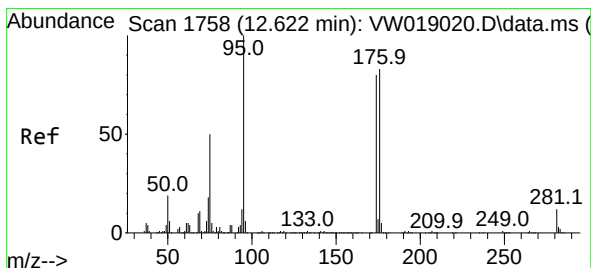
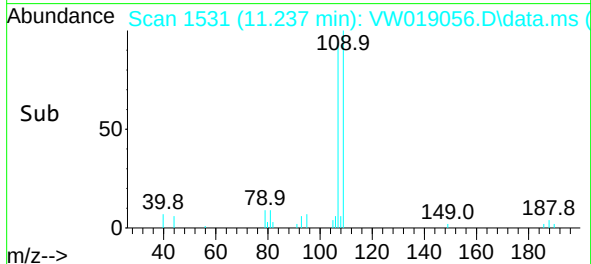
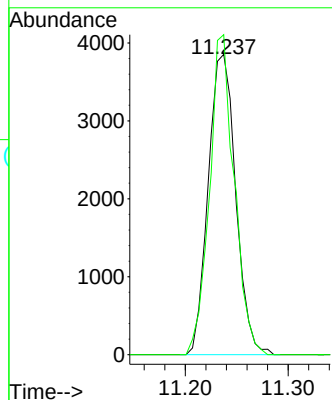
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



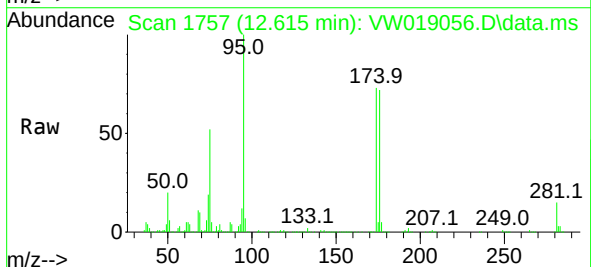
Tgt Ion:107 Resp: 7149
Ion Ratio Lower Upper
107 100
109 96.2 73.9 110.9

Manual Integrations
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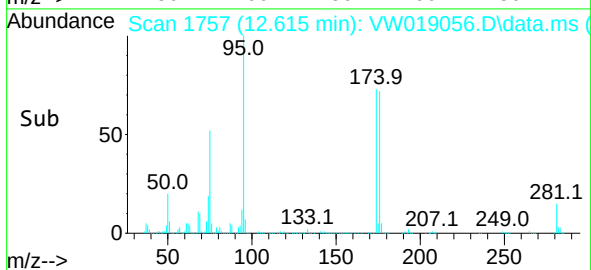
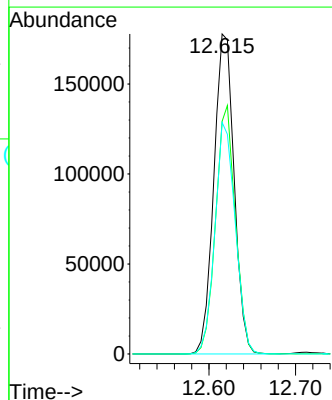
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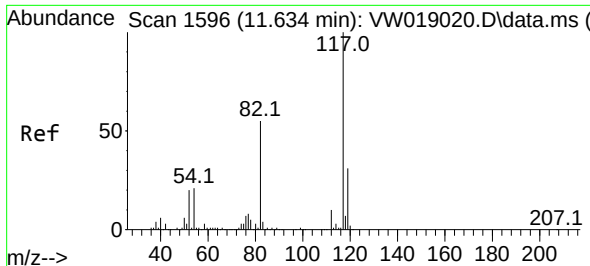


#62
4-Bromofluorobenzene
Concen: 62.04 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



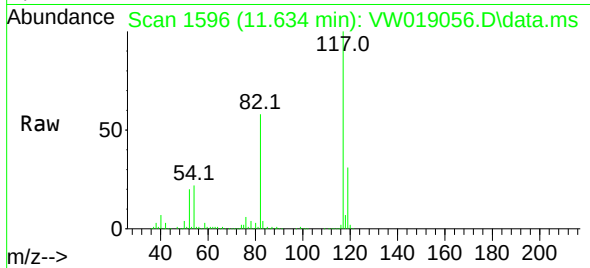
Tgt Ion: 95 Resp: 289390
Ion Ratio Lower Upper
95 100
174 75.2 0.0 156.2
176 72.6 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

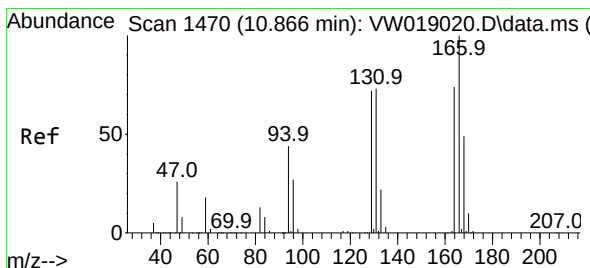
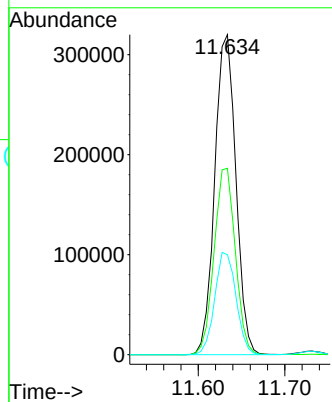
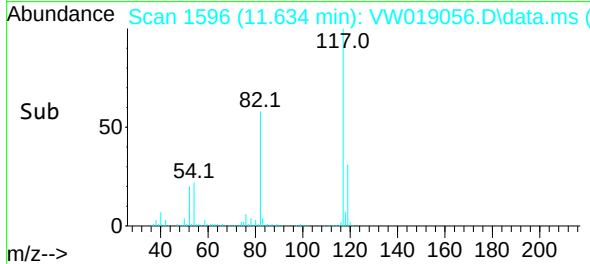
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



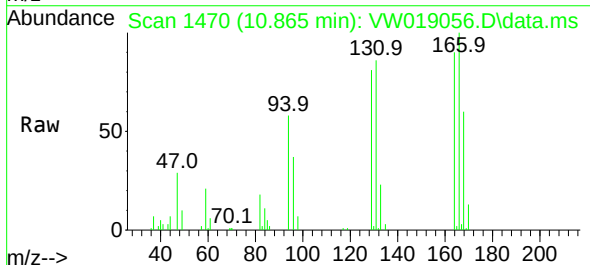
Tgt Ion:117 Resp: 542522
Ion Ratio Lower Upper
117 100
82 58.3 44.4 66.6
119 31.3 24.6 36.8

Manual Integrations
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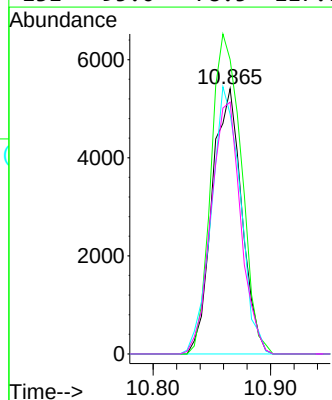
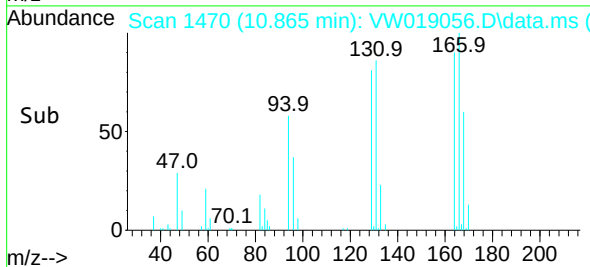
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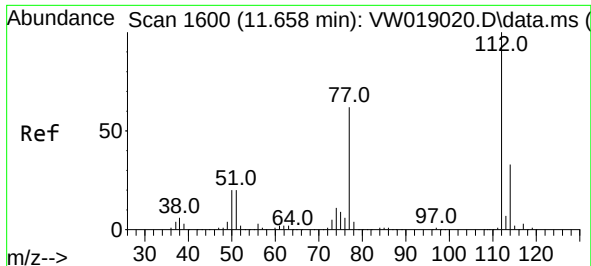


#64
Tetrachloroethene
Concen: 2.68 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



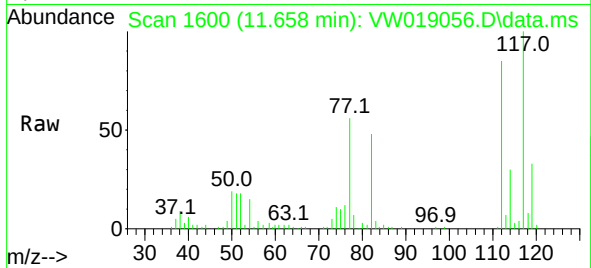
Tgt Ion:164 Resp: 9445
Ion Ratio Lower Upper
164 100
166 111.0 107.8 161.8
129 90.4 77.3 115.9
131 95.0 78.5 117.7





#65
Chlorobenzene
Concen: 2.55 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

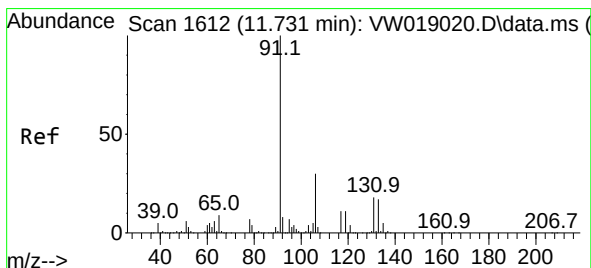
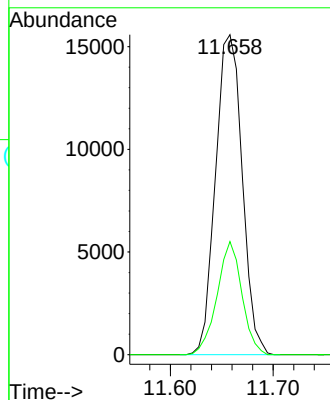
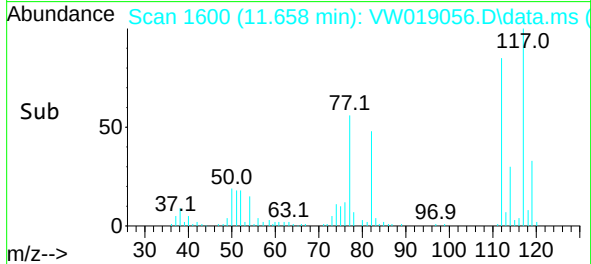
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



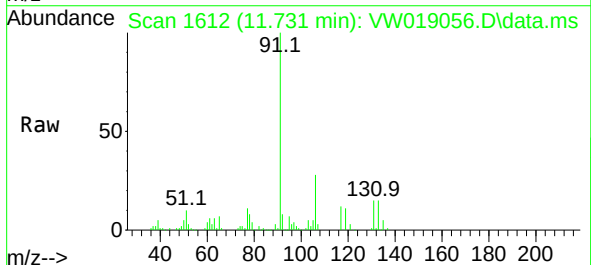
Tgt Ion:112 Resp: 28092
Ion Ratio Lower Upper
112 100
114 35.3 26.4 39.6

Manual Integrations
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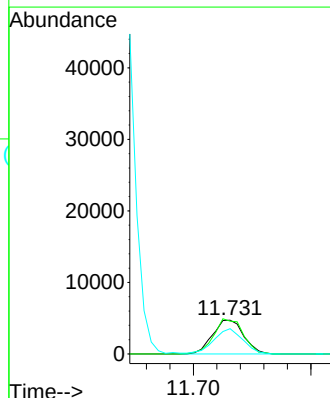
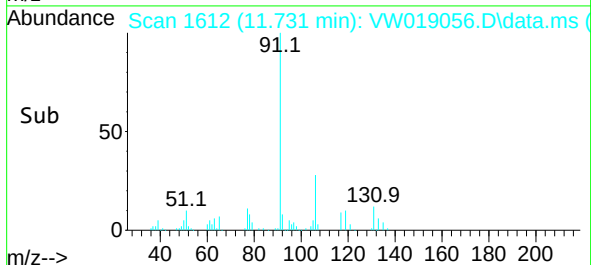
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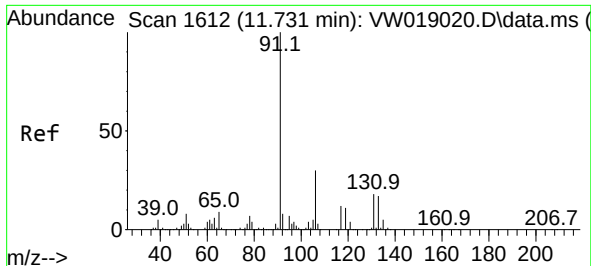


#66
1,1,1,2-Tetrachloroethane
Concen: 2.31 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



Tgt Ion:131 Resp: 8684
Ion Ratio Lower Upper
131 100
133 98.7 48.1 144.3
119 70.3 33.1 99.2





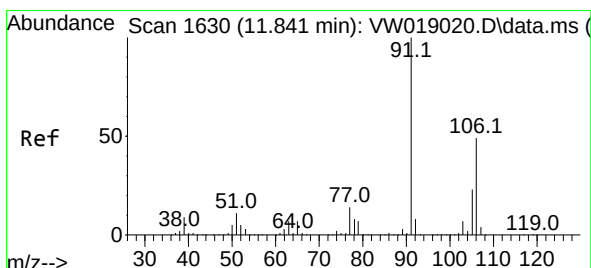
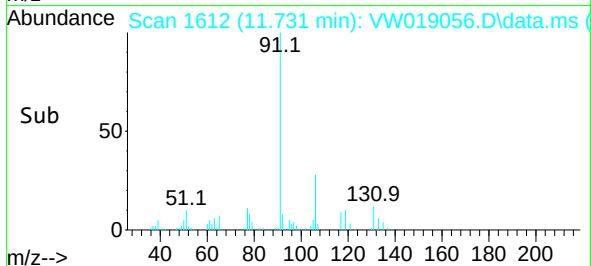
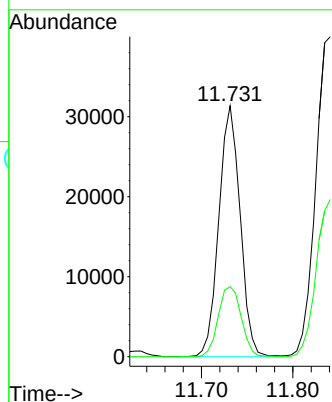
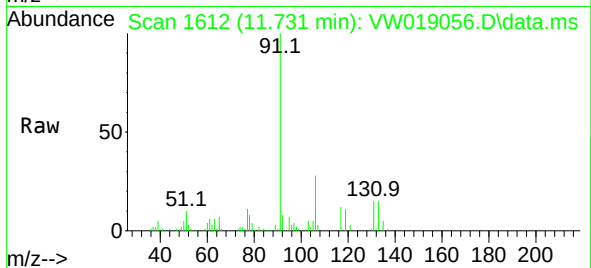
#67
Ethyl Benzene
Concen: 2.49 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 91 Resp: 50855
Ion Ratio Lower Upper
91 100
106 27.9 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

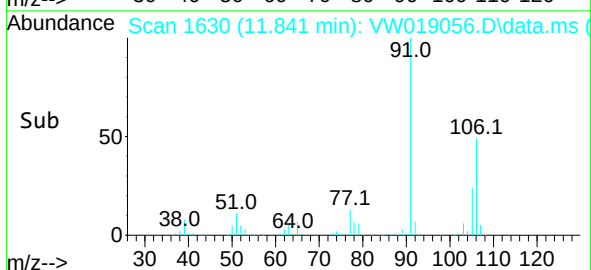
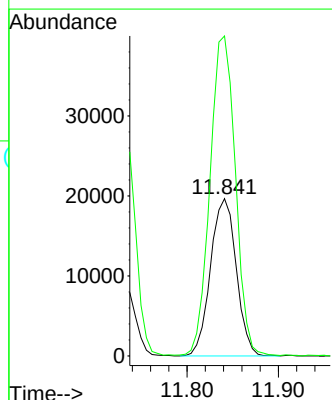
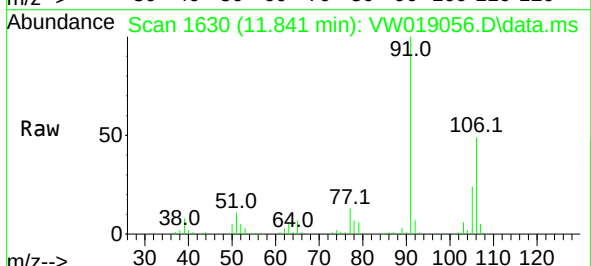
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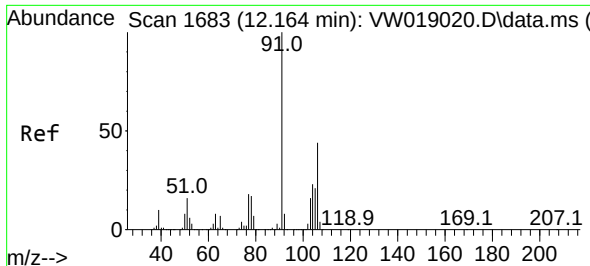
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#68
m/p-Xylenes
Concen: 5.01 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

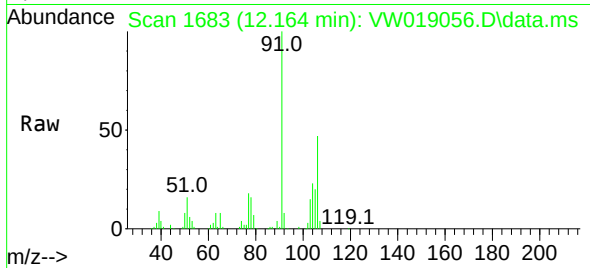
Tgt Ion: 106 Resp: 38464
Ion Ratio Lower Upper
106 100
91 200.2 164.2 246.2





#69
o-Xylene
Concen: 2.36 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

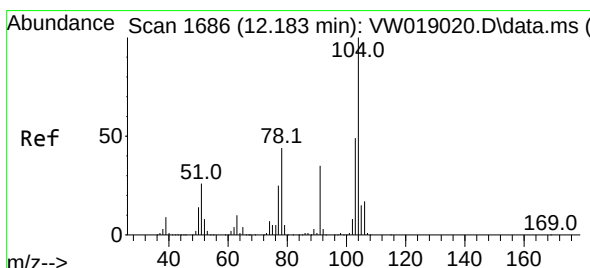
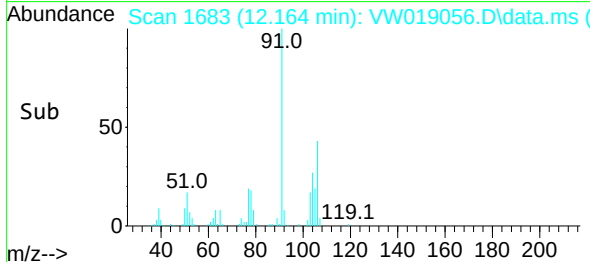
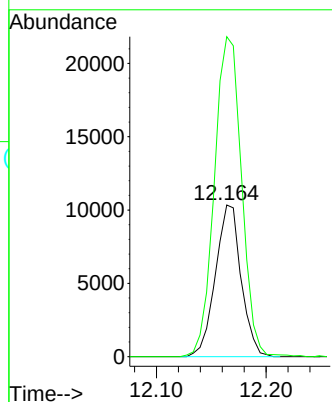
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:106 Resp: 16844
Ion Ratio Lower Upper
106 100
91 223.5 109.1 327.2

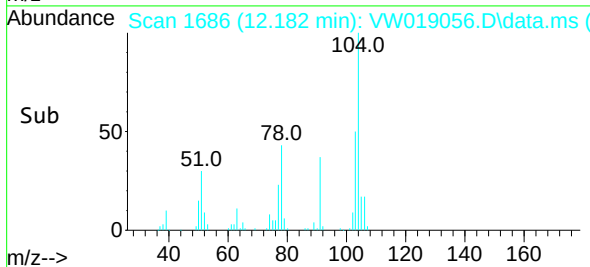
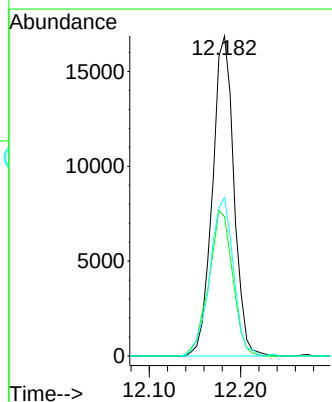
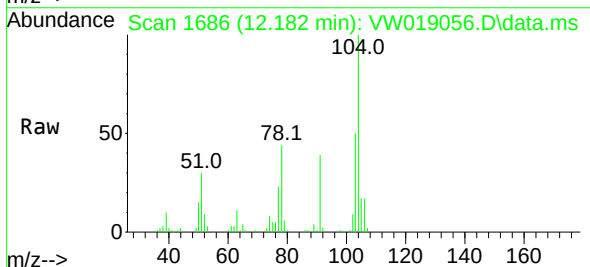
Manual Integrations
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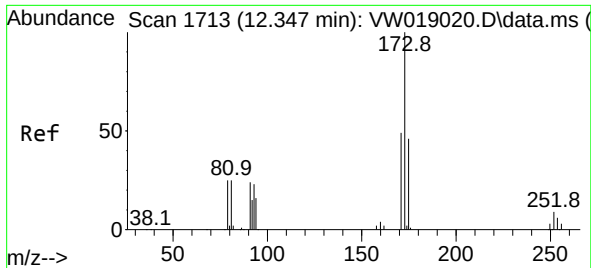
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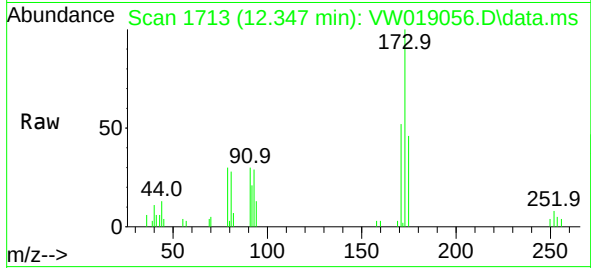
#70
Styrene
Concen: 2.26 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion:104 Resp: 27481
Ion Ratio Lower Upper
104 100
78 50.4 41.3 61.9
103 54.2 44.1 66.1

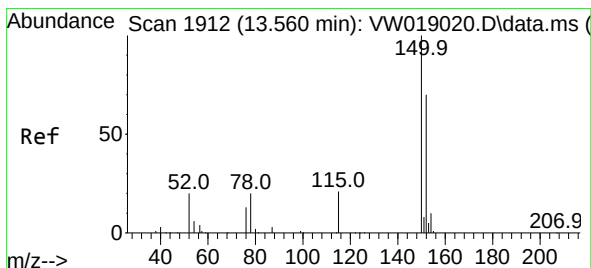
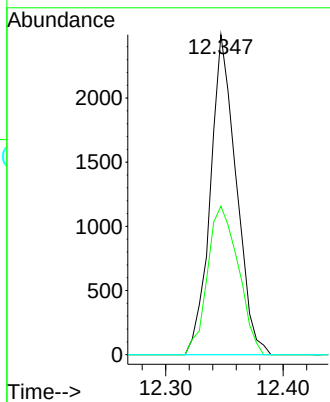
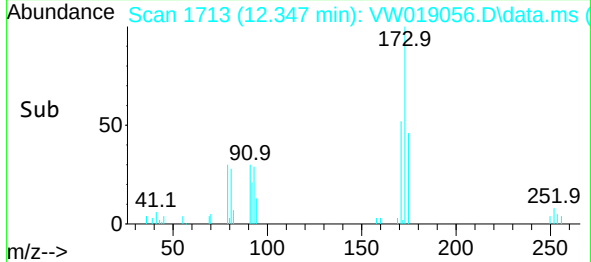




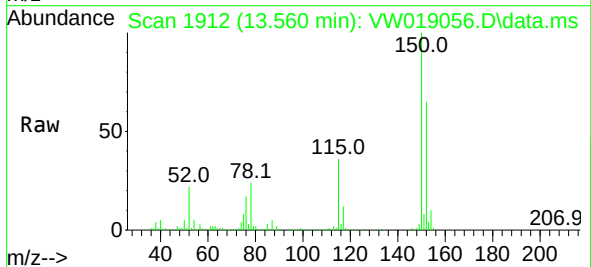
#71
Bromoform
Concen: 2.02 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



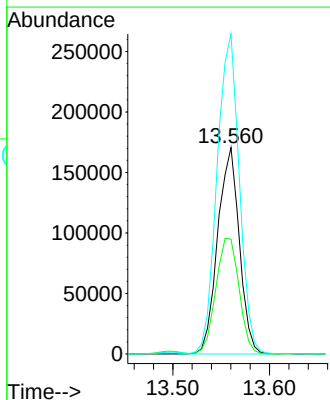
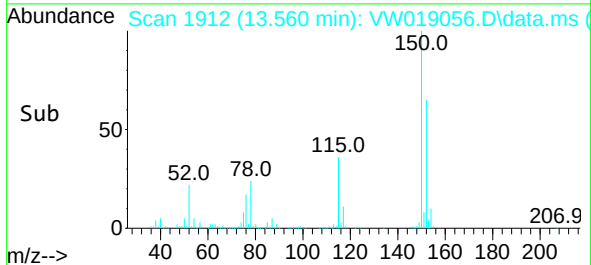
Tgt Ion:173 Resp: 3811
Ion Ratio Lower Upper
173 100
175 55.3 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



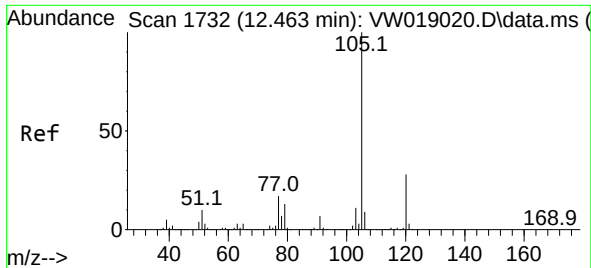
Tgt Ion:152 Resp: 264543
Ion Ratio Lower Upper
152 100
115 60.2 30.3 90.8
150 159.3 0.0 356.0



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

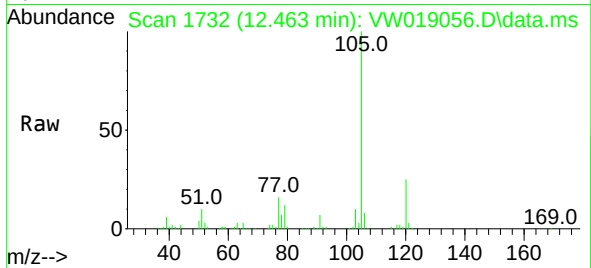
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#73
Isopropylbenzene
Concen: 2.45 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

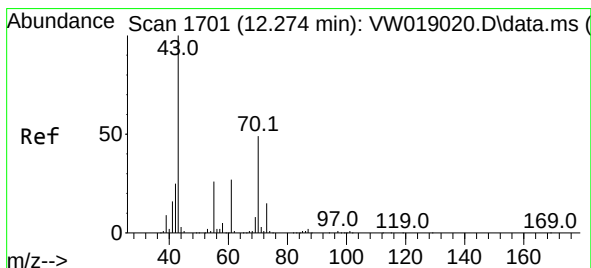
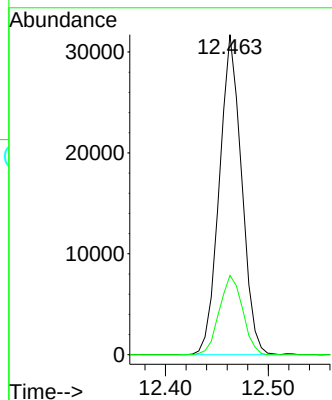
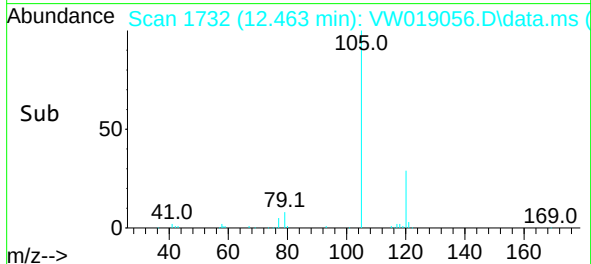
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



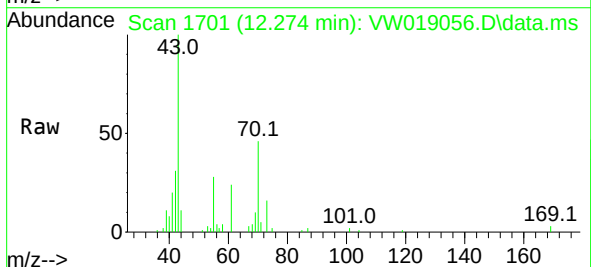
Tgt Ion:105 Resp: 47606
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

Manual Integrations
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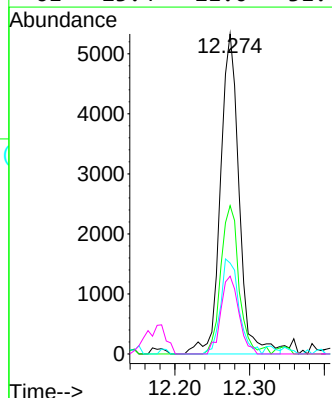
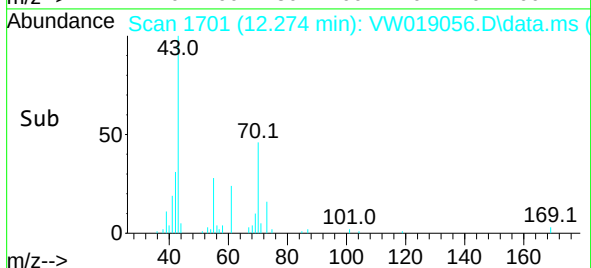
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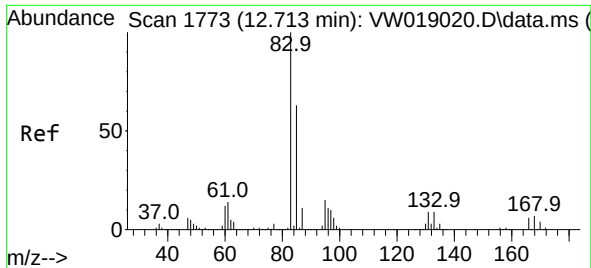


#74
N-ethyl acetate
Concen: 2.31 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



Tgt Ion: 43 Resp: 9243
Ion Ratio Lower Upper
43 100
70 45.3 38.4 57.6
55 29.1 21.6 32.4
61 23.4 21.0 31.4





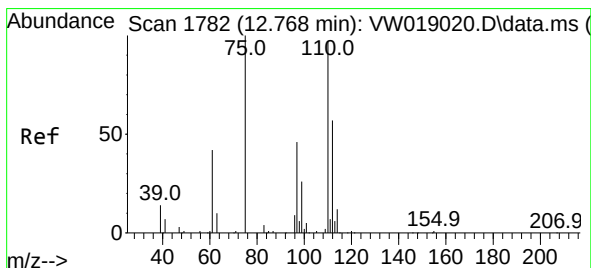
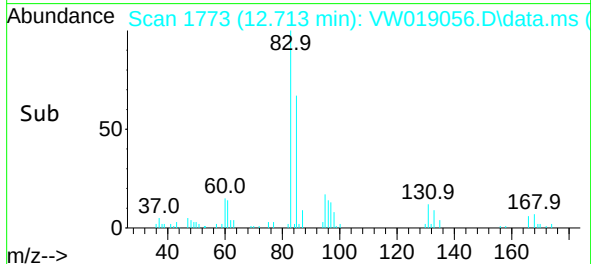
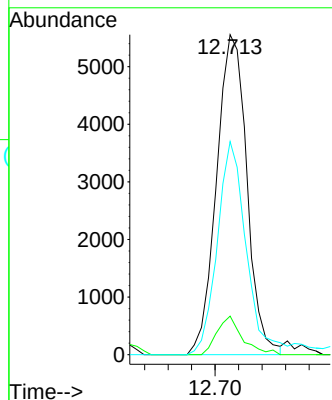
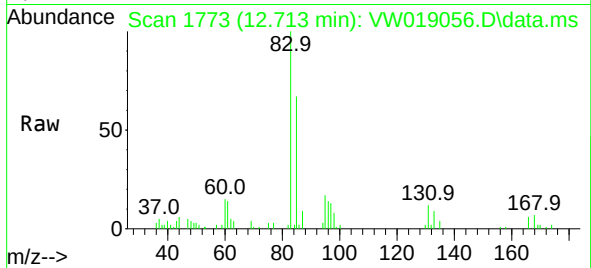
#75
1,1,2,2-Tetrachloroethane
Concen: 2.88 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion:	83	Resp:	9980
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.3	31.6	94.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

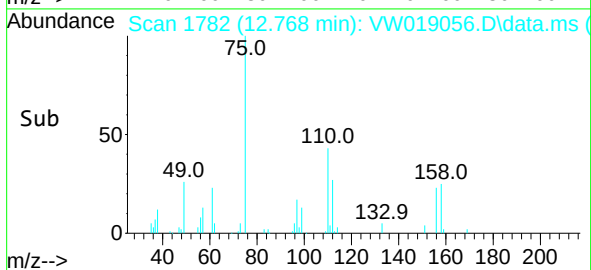
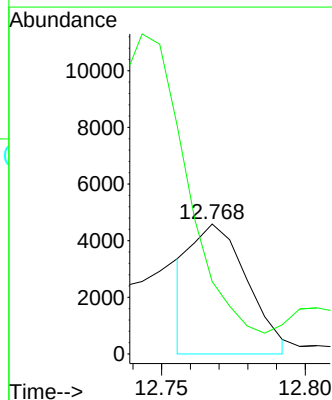
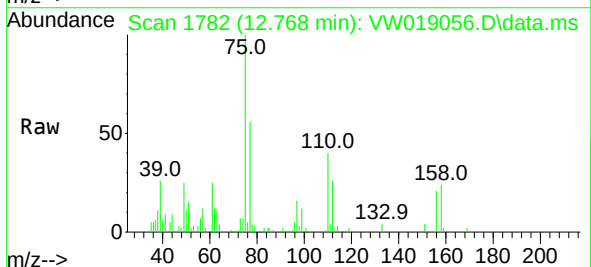
Manual Integrations
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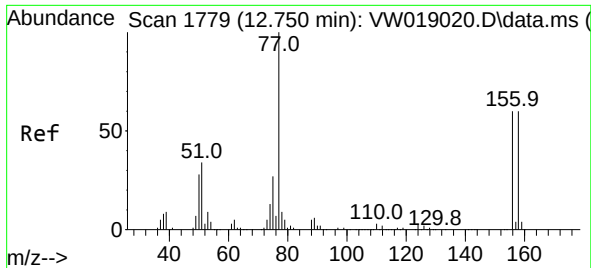
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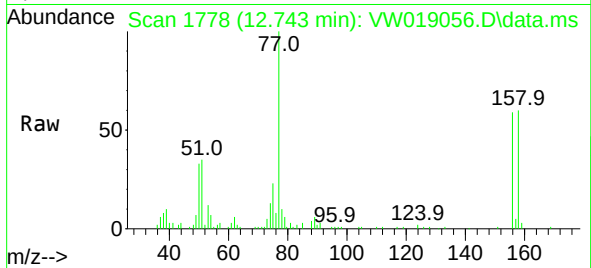
#76
1,2,3-Trichloropropane
Concen: 2.49 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion:	75	Resp:	6217
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

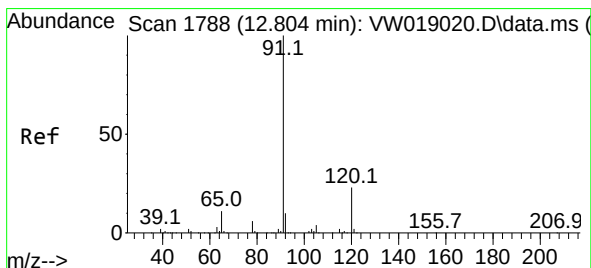
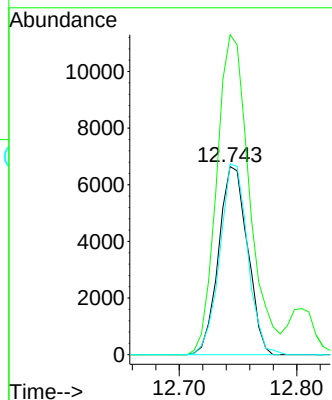
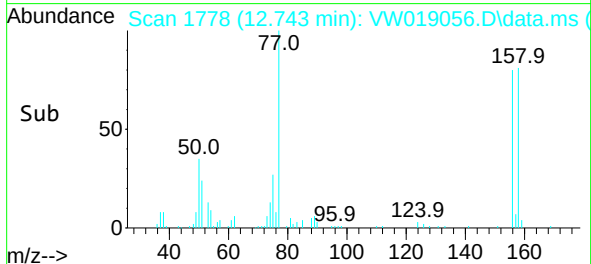




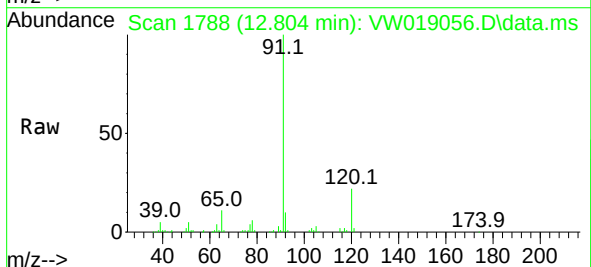
#77
Bromobenzene
Concen: 2.66 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



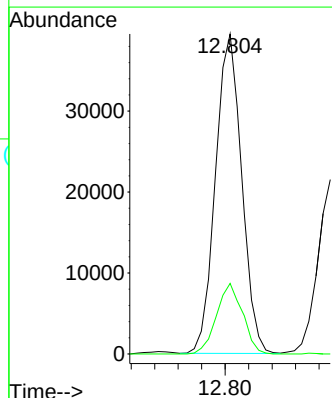
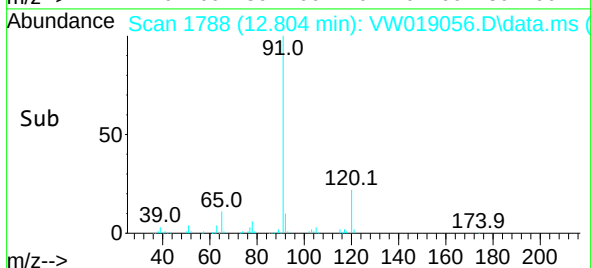
Tgt Ion: 156 Resp: 11356
Ion Ratio Lower Upper
156 100
77 193.1 96.7 290.0
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 2.57 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



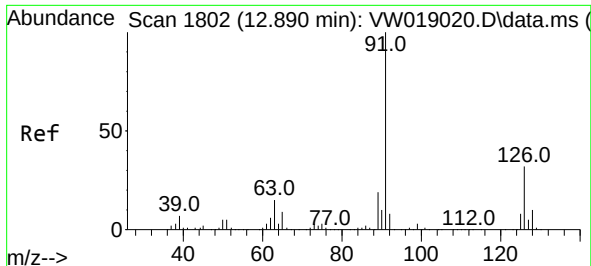
Tgt Ion: 91 Resp: 61022
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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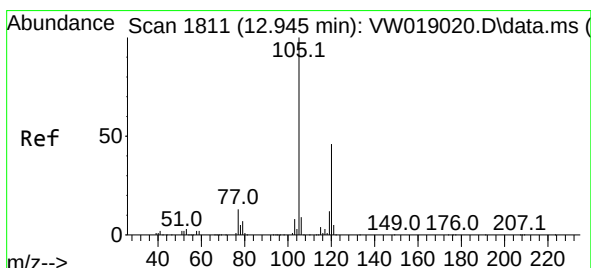
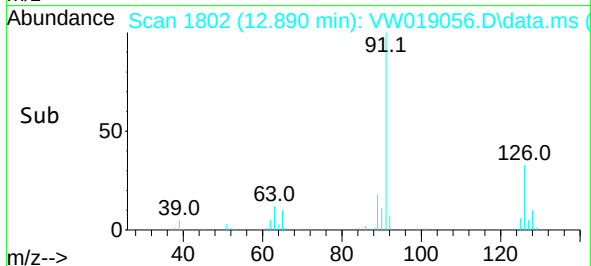
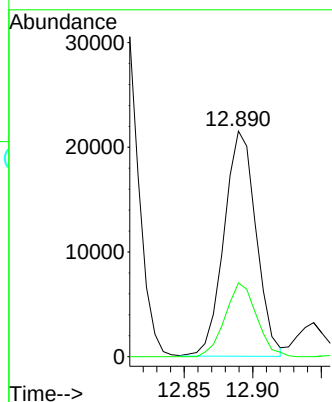
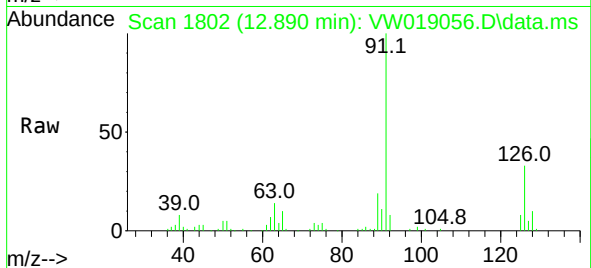
#79
2-Chlorotoluene
Concen: 2.59 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion: 91 Resp: 35032
Ion Ratio Lower Upper
91 100
126 32.2 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

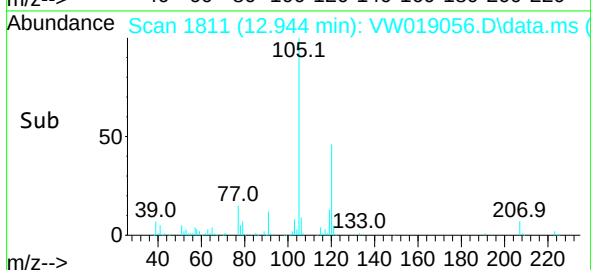
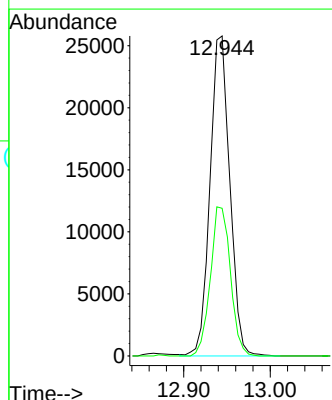
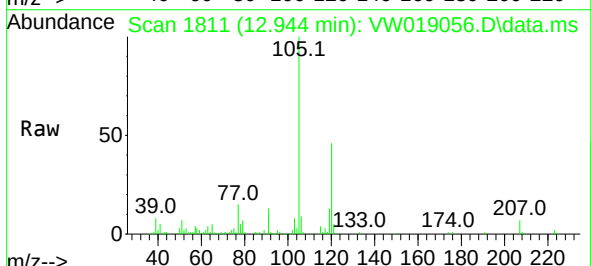
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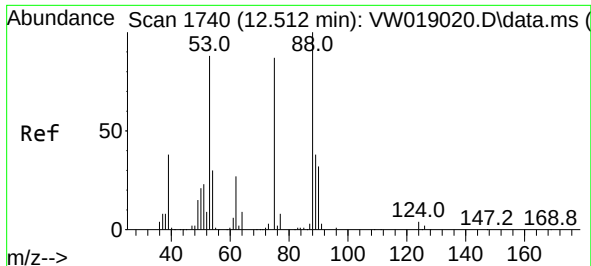
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#80
1,3,5-Trimethylbenzene
Concen: 2.49 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

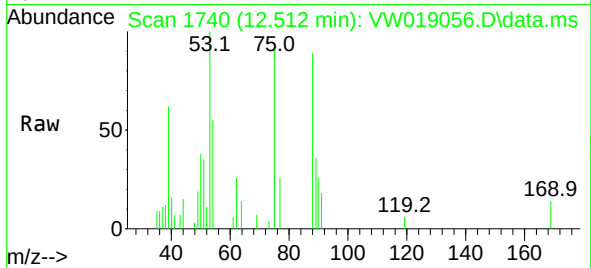
Tgt Ion: 105 Resp: 40910
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.31 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

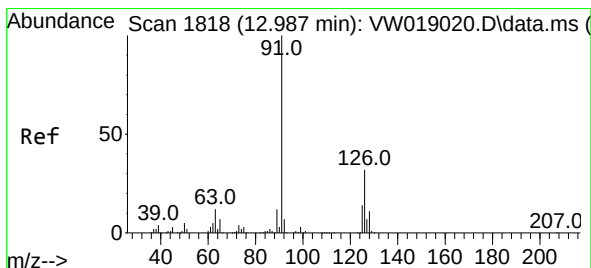
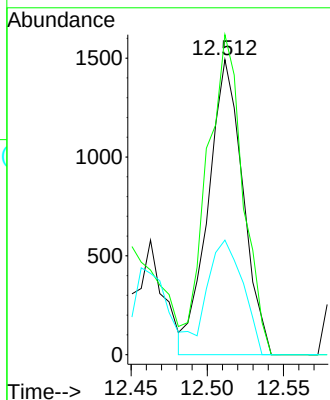
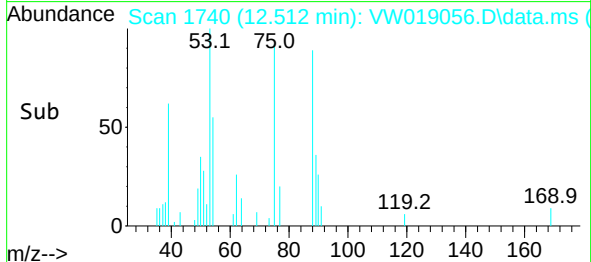
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



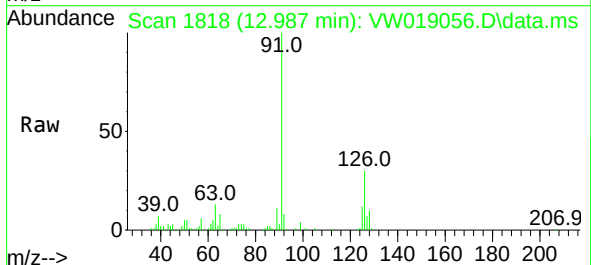
Tgt Ion: 75 Resp: 2366
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 10.4 36.3 54.5#

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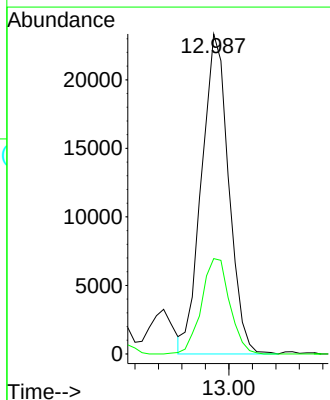
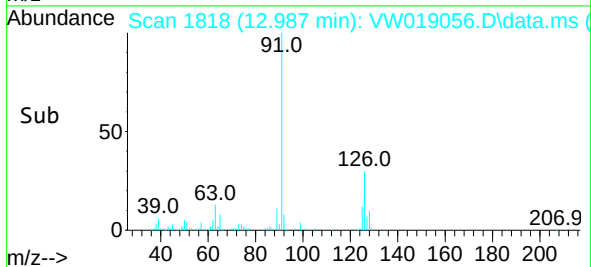
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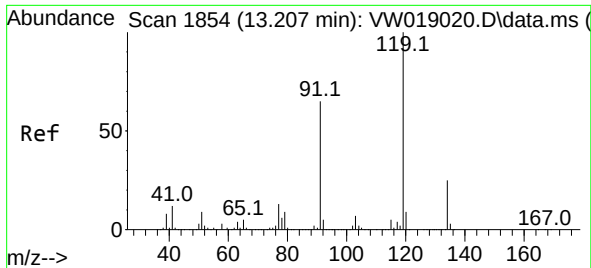


#82
4-Chlorotoluene
Concen: 2.61 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

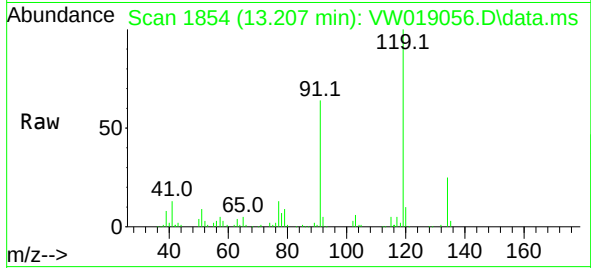


Tgt Ion: 91 Resp: 37357
Ion Ratio Lower Upper
91 100
126 31.1 16.1 48.2

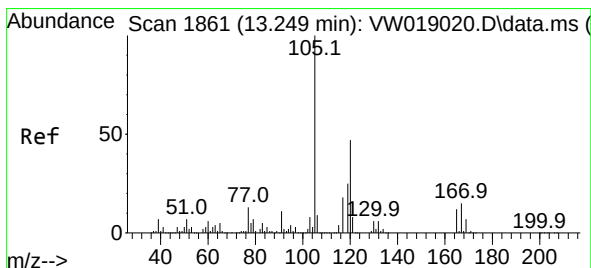
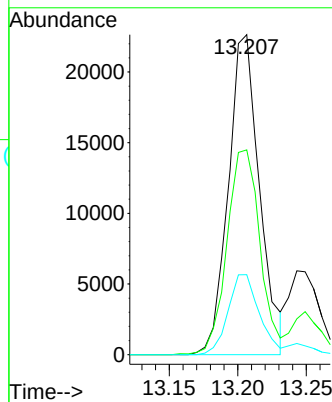
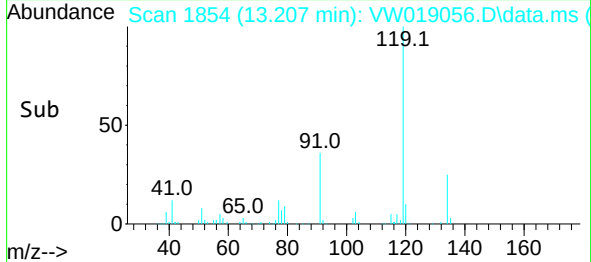




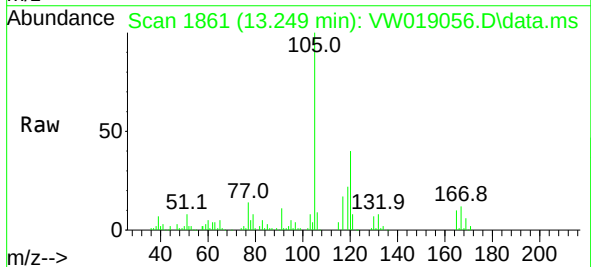
#83
tert-Butylbenzene
Concen: 2.59 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



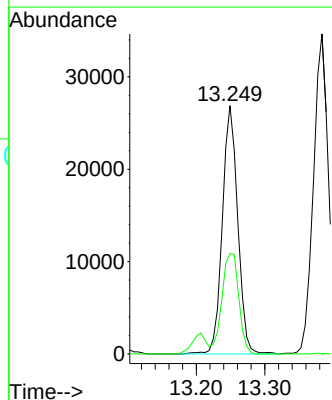
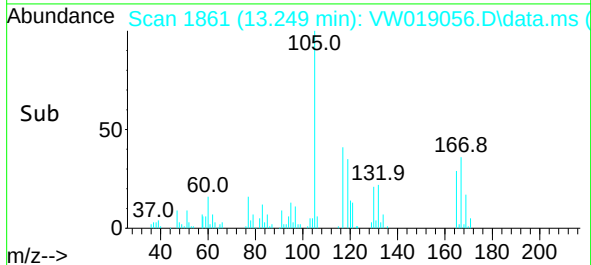
Tgt Ion:119 Resp: 35885
Ion Ratio Lower Upper
119 100
91 67.8 34.0 102.0
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 2.56 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



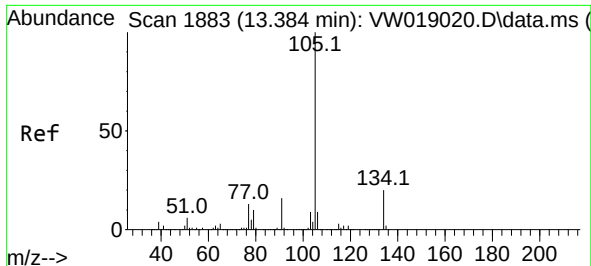
Tgt Ion:105 Resp: 41783
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0



Instrument :
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ClientSampleId :
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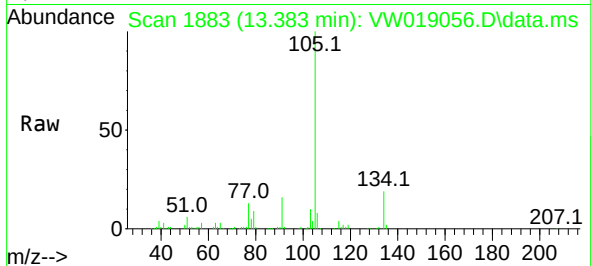
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#85
 sec-Butylbenzene
 Concen: 2.56 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW019056.D
 Acq: 21 May 2021 18:07

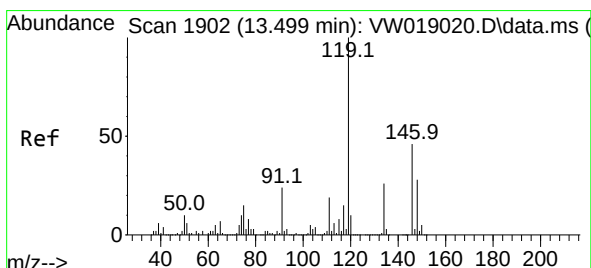
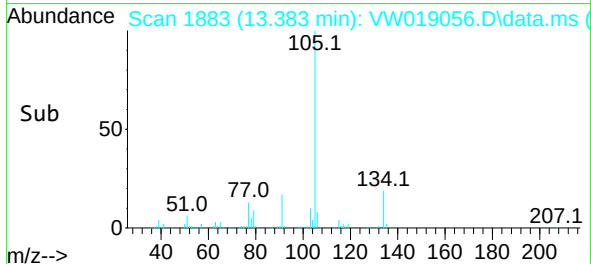
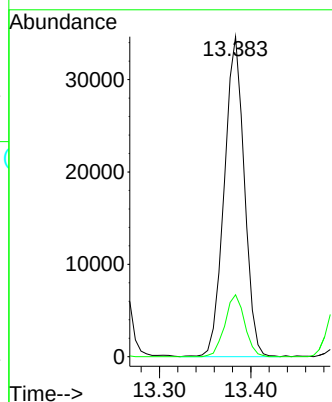
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:105 Resp: 52749
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.1 30.1

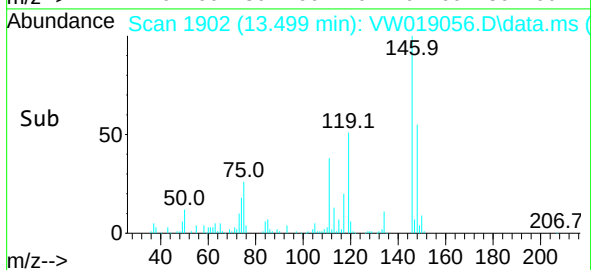
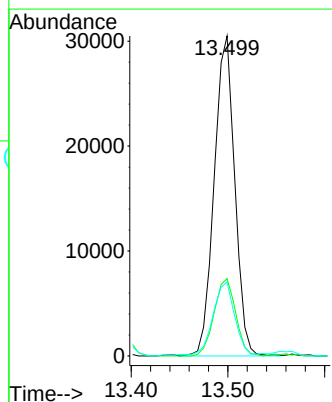
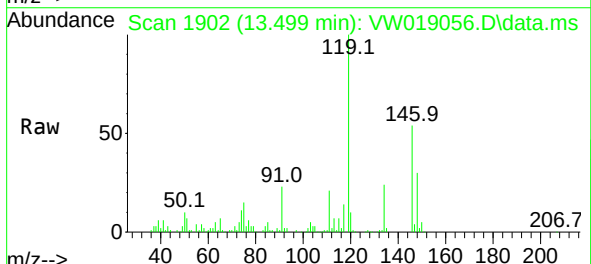
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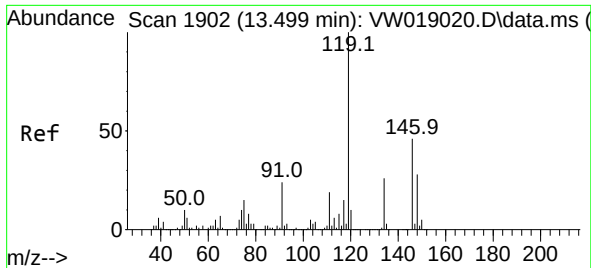
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#86
 p-Isopropyltoluene
 Concen: 2.52 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VW019056.D
 Acq: 21 May 2021 18:07

Tgt Ion:119 Resp: 44986
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 25.0 12.1 36.3





#87

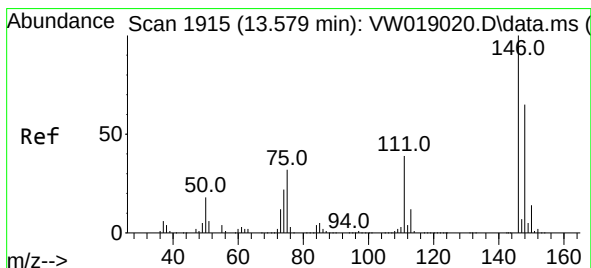
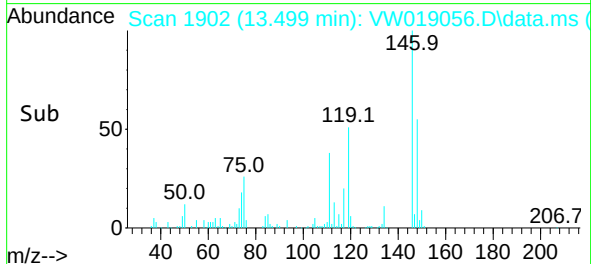
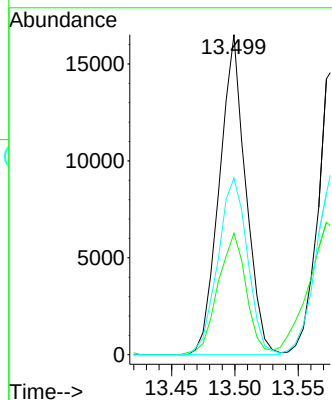
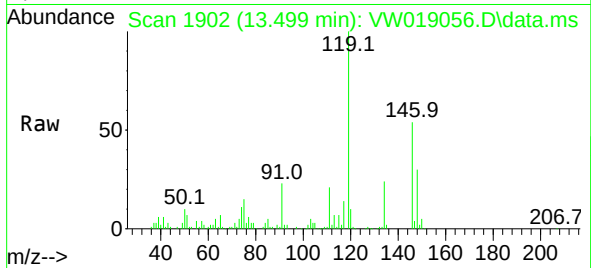
1,3-Dichlorobenzene
Concen: 2.74 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.7	62.1
148	62.0	31.8	95.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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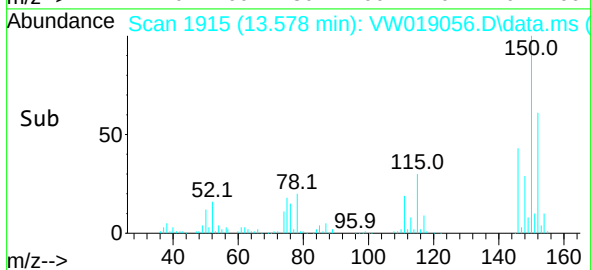
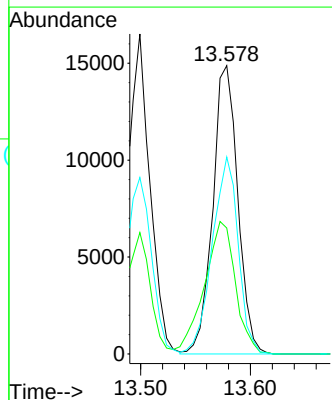
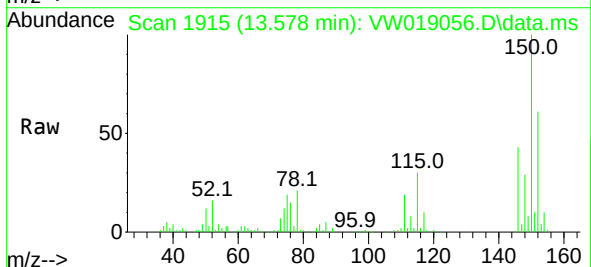
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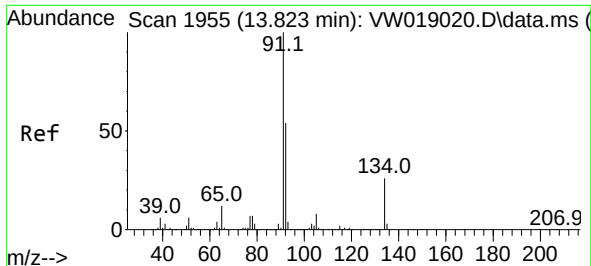


#88

1,4-Dichlorobenzene
Concen: 2.75 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

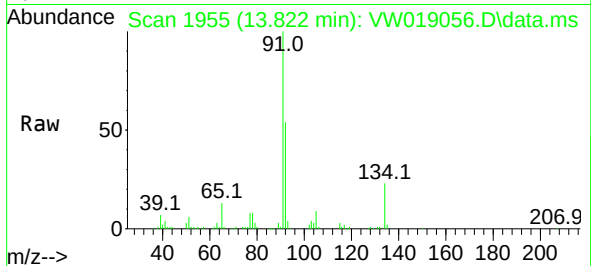
Tgt Ion	Ratio	Lower	Upper
146	100		
111	57.1	20.1	60.3
148	70.9	32.4	97.2





#89
n-Butylbenzene
Concen: 2.51 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

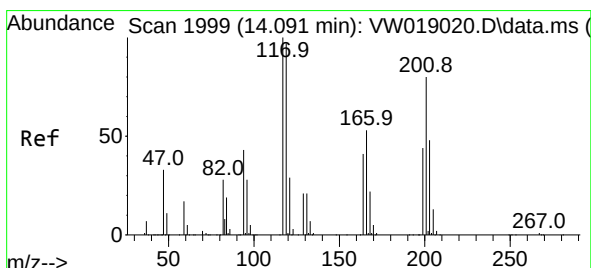
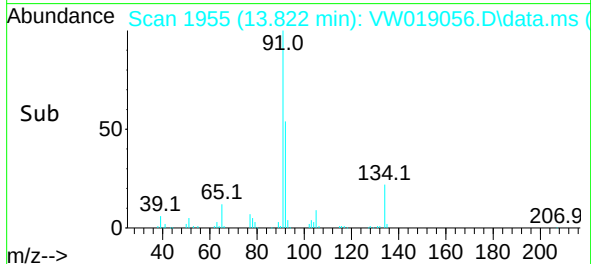
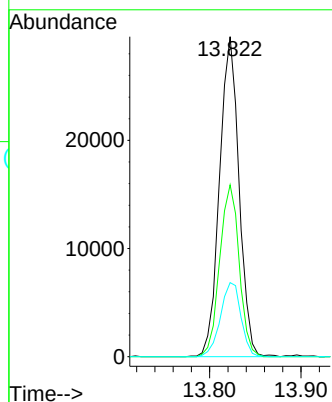
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 43935
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 24.4 12.7 38.0

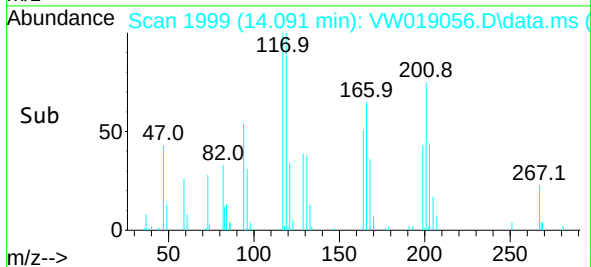
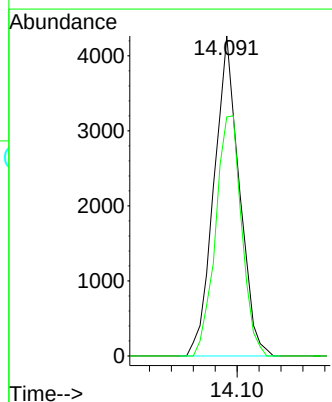
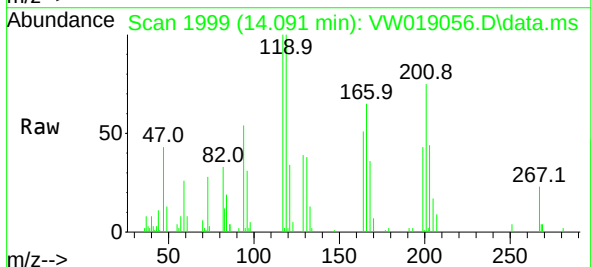
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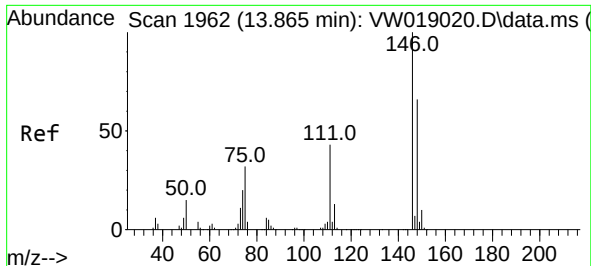
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#90
Hexachloroethane
Concen: 2.45 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

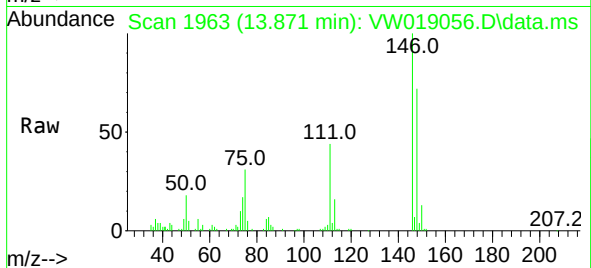
Tgt Ion: 117 Resp: 6842
Ion Ratio Lower Upper
117 100
201 77.1 38.4 115.2





#91
1,2-Dichlorobenzene
Concen: 2.66 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

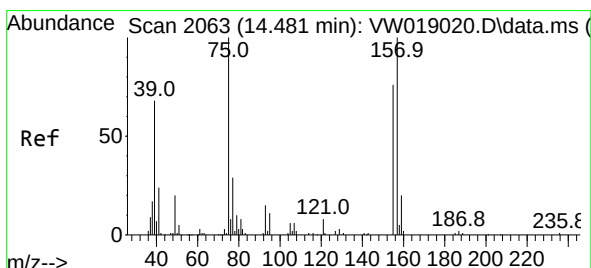
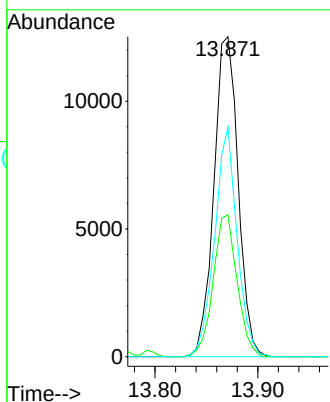
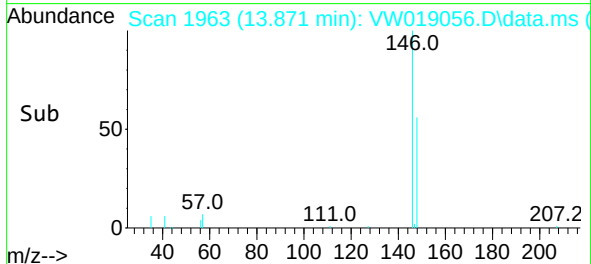
Instrument :
MSVOA_W
ClientSampleId :
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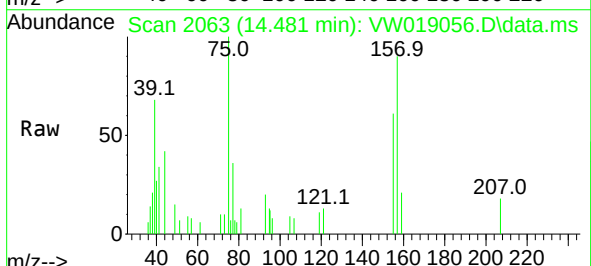
Tgt Ion:146 Resp: 20514
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.1
148 66.6 32.6 97.7

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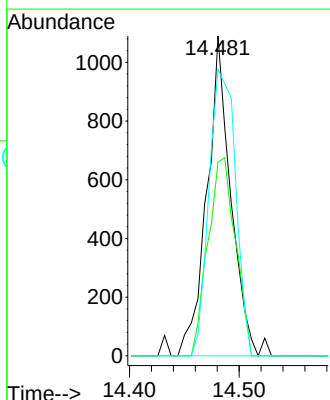
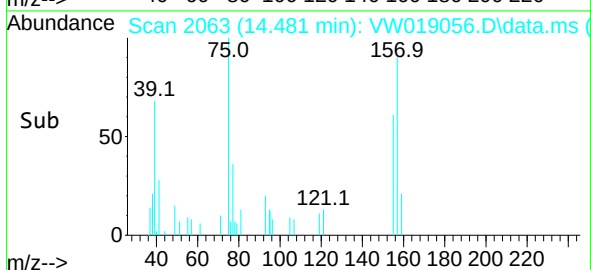
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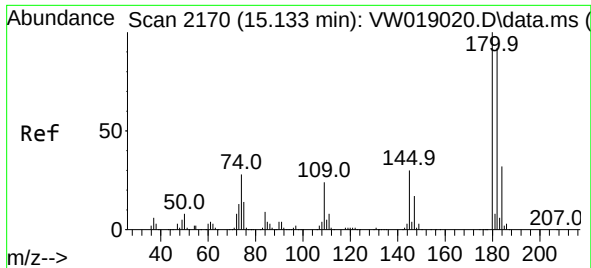


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.00 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



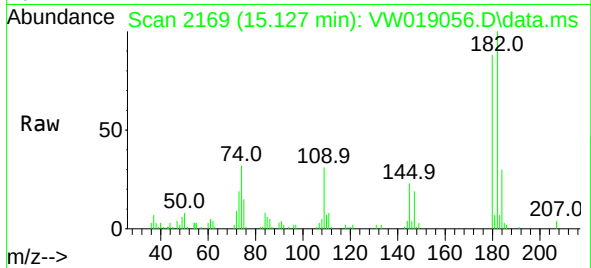
Tgt Ion: 75 Resp: 1660
Ion Ratio Lower Upper
75 100
155 70.8 41.3 124.1
157 98.9 51.2 153.6





#93
1,2,4-Trichlorobenzene
Concen: 2.94 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

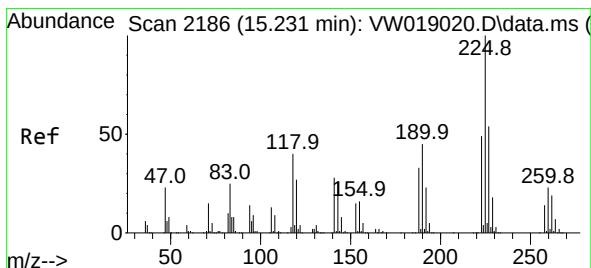
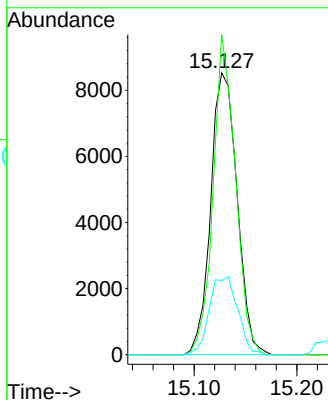
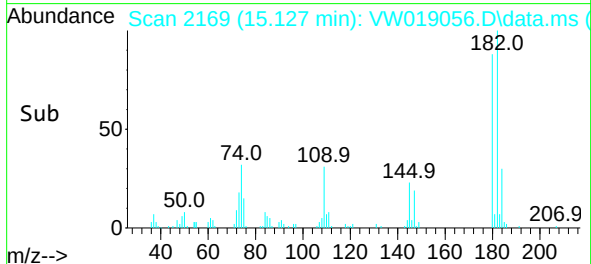
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



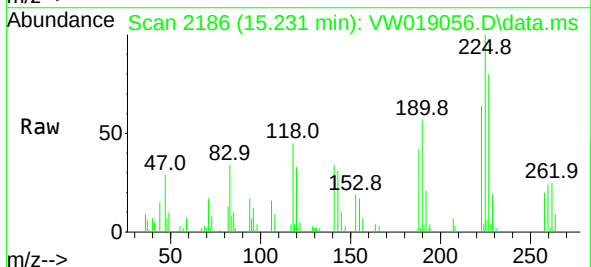
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.9	146.7
145	29.8	15.4	46.1

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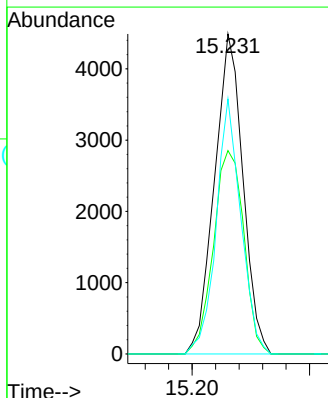
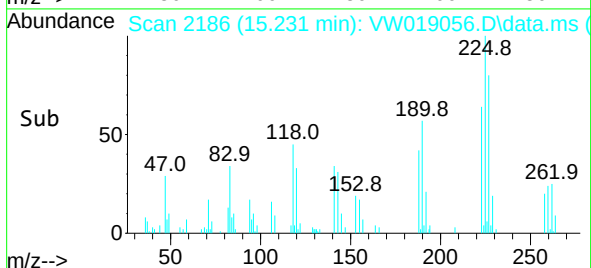
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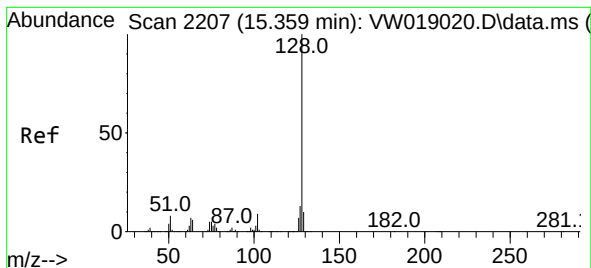


#94
Hexachlorobutadiene
Concen: 2.52 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07

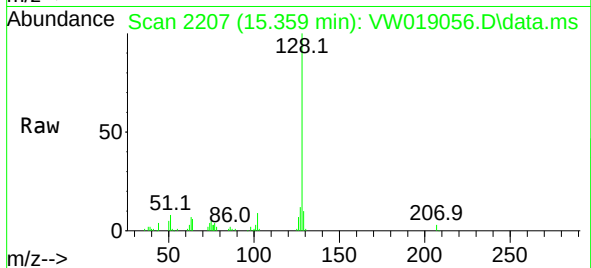


Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.8	29.6	88.8
227	69.3	30.4	91.3

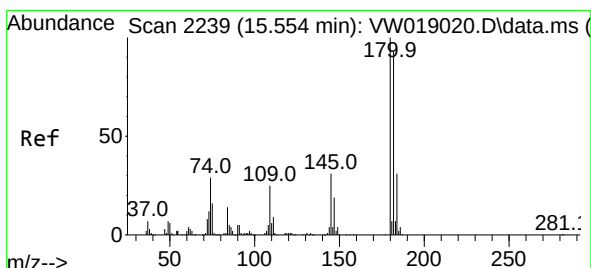
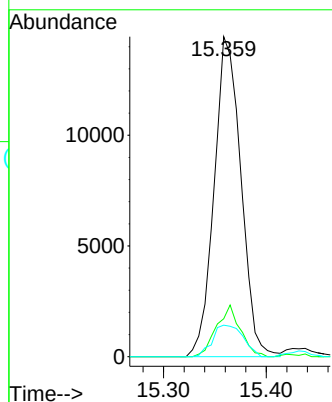
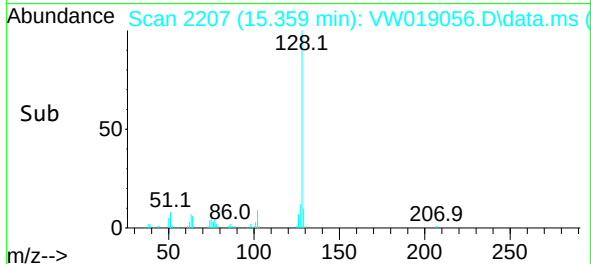




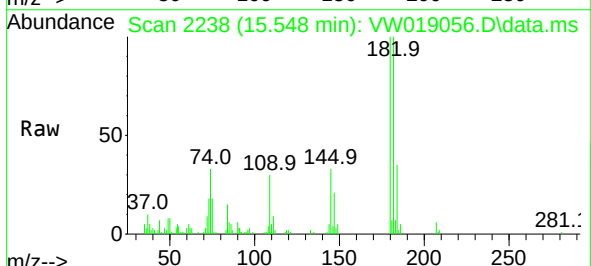
#95
Naphthalene
Concen: 2.78 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



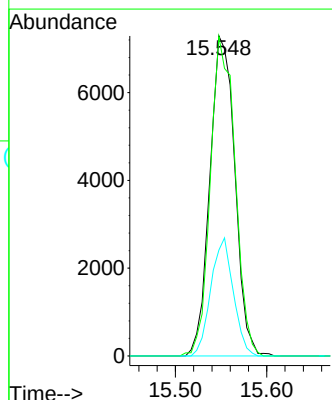
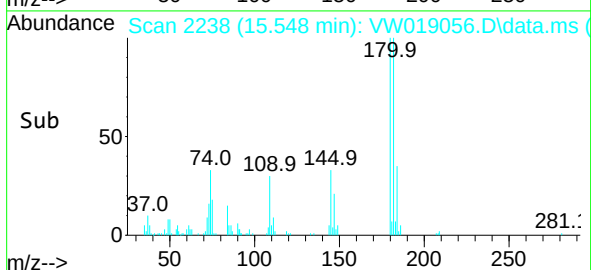
Tgt Ion:128 Resp: 26168
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 11.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.10 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW019056.D
Acq: 21 May 2021 18:07



Tgt Ion:180 Resp: 13863
Ion Ratio Lower Upper
180 100
182 98.3 47.4 142.3
145 33.0 16.1 48.2



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:48:20 PM