

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019073.D
 Acq On : 24 May 2021 18:45
 Operator : SY/VA
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 25 04:32:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 25 04:30:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	370206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	637233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	579339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	271393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	239129	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	7.884	113	210292	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	10.323	98	866406	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.615	95	298460	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11704	4.49	ug/l	95
3) Chloromethane	2.208	50	14895	5.17	ug/l	99
4) Vinyl Chloride	2.361	62	21681	4.80	ug/l	96
5) Bromomethane	2.775	94	17261	4.72	ug/l	94
6) Chloroethane	2.928	64	14340	4.78	ug/l	99
7) Trichlorofluoromethane	3.257	101	10442	3.98	ug/l	86
8) Diethyl Ether	3.684	74	11112	5.38	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.074	101	19108	4.83	ug/l	98
10) Methyl Iodide	4.275	142	26992	4.80	ug/l	97
11) Tert butyl alcohol	5.165	59	10832	47.72	ug/l #	92
12) 1,1-Dichloroethene	4.043	96	19464	4.72	ug/l	99
13) Acrolein	3.891	56	6924	24.69	ug/l	99
14) Allyl chloride	4.665	41	25352	4.60	ug/l	99
15) Acrylonitrile	5.378	53	19793	26.06	ug/l	98
16) Acetone	4.129	43	19019	26.63	ug/l	98
17) Carbon Disulfide	4.391	76	51044	4.58	ug/l	97
18) Methyl Acetate	4.677	43	11438	5.92	ug/l	94
19) Methyl tert-butyl Ether	5.427	73	25966	5.18	ug/l	99
20) Methylene Chloride	4.921	84	84886	16.39	ug/l	95
21) trans-1,2-Dichloroethene	5.427	96	22402	4.87	ug/l	97
22) Diisopropyl ether	6.305	45	51302	4.81	ug/l #	84
23) Vinyl Acetate	6.256	43	155366	22.10	ug/l	97
24) 1,1-Dichloroethane	6.214	63	41537	5.03	ug/l	99
25) 2-Butanone	7.177	43	28943	27.45	ug/l	97
26) 2,2-Dichloropropane	7.165	77	26491	5.61	ug/l	92
27) cis-1,2-Dichloroethene	7.177	96	25172	4.98	ug/l	91
28) Bromochloromethane	7.518	49	17674	5.40	ug/l	99
29) Tetrahydrofuran	7.531	42	15047	25.19	ug/l	98
30) Chloroform	7.677	83	42441	5.10	ug/l	97
31) Cyclohexane	7.957	56	39463	5.61	ug/l #	87
32) 1,1,1-Trichloroethane	7.878	97	31624	4.94	ug/l	98
36) 1,1-Dichloropropene	8.085	75	32906	4.63	ug/l	98
37) Ethyl Acetate	7.256	43	14188	5.52	ug/l	98
38) Carbon Tetrachloride	8.073	117	28961	4.59	ug/l	93
39) Methylcyclohexane	9.341	83	35394	4.48	ug/l	97
40) Benzene	8.323	78	94380	4.87	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	6055	4.03	ug/l	94
42) 1,2-Dichloroethane	8.402	62	28064	4.91	ug/l	99
43) Isopropyl Acetate	8.427	43	24096	4.86	ug/l	98
44) Trichloroethene	9.091	130	23657	4.64	ug/l	86
45) 1,2-Dichloropropane	9.372	63	22847	4.86	ug/l	98
46) Dibromomethane	9.457	93	11746	4.80	ug/l	97
47) Bromodichloromethane	9.646	83	29179	4.62	ug/l #	94
48) Methyl methacrylate	9.439	41	10571	4.56	ug/l	96
49) 1,4-Dioxane	9.451	88	2888	98.20	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	60586	24.07	ug/l	98
52) Toluene	10.390	92	58919	4.77	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	27601	4.40	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	32708	4.39	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	16986	4.90	ug/l	95
56) Ethyl methacrylate	10.646	69	19008	4.38	ug/l	98
57) 1,3-Dichloropropane	10.932	76	30352	4.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	52263	23.82	ug/l	99
59) 2-Hexanone	10.969	43	38165	22.54	ug/l	95
60) Dibromochloromethane	11.127	129	17153	4.43	ug/l	97
61) 1,2-Dibromoethane	11.237	107	16099	4.94	ug/l	99
64) Tetrachloroethene	10.859	164	20505	4.94	ug/l	92
65) Chlorobenzene	11.658	112	59972	4.65	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	19560	4.44	ug/l	98
67) Ethyl Benzene	11.731	91	112468	4.60	ug/l	99
68) m/p-Xylenes	11.841	106	81730	9.12	ug/l	97
69) o-Xylene	12.164	106	38421	4.54	ug/l	99
70) Styrene	12.182	104	62997	4.45	ug/l	98
71) Bromoform	12.353	173	9244	4.36	ug/l #	98
73) Isopropylbenzene	12.463	105	104505	4.72	ug/l	99
74) N-amyl acetate	12.274	43	20315	4.57	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	18875	4.99	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	13165m	5.09	ug/l	
77) Bromobenzene	12.743	156	23795	5.03	ug/l	97
78) n-propylbenzene	12.804	91	128165	4.67	ug/l	100
79) 2-Chlorotoluene	12.889	91	75142	4.86	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	85254	4.57	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.511	75	4800	4.19	ug/l	92
82) 4-Chlorotoluene	12.993	91	77712	4.77	ug/l	99
83) tert-Butylbenzene	13.206	119	73354	4.61	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	87772	4.71	ug/l	98
85) sec-Butylbenzene	13.383	105	109838	4.60	ug/l	99
86) p-Isopropyltoluene	13.499	119	94574	4.65	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	48380	4.94	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	48864	5.06	ug/l	94
89) n-Butylbenzene	13.822	91	90349	4.44	ug/l	98
90) Hexachloroethane	14.090	117	14469	4.50	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	42117	4.94	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3105	5.17	ug/l	86
93) 1,2,4-Trichlorobenzene	15.127	180	26771	4.54	ug/l	99
94) Hexachlorobutadiene	15.230	225	16505	4.96	ug/l	97
95) Naphthalene	15.365	128	48085	4.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	22668	4.54	ug/l	96

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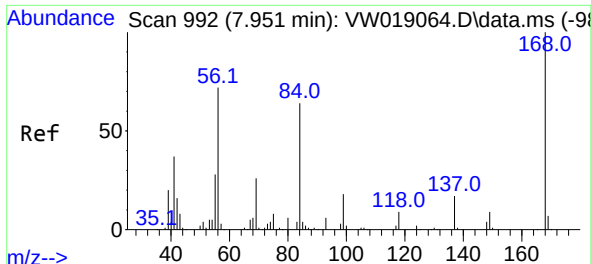
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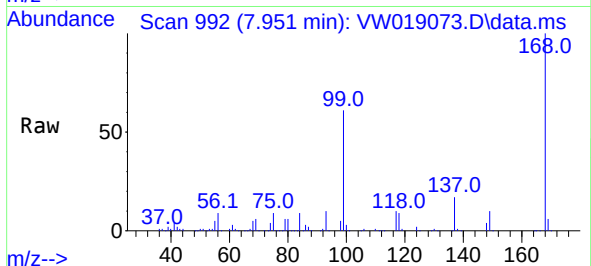
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Response via : Initial Calibration

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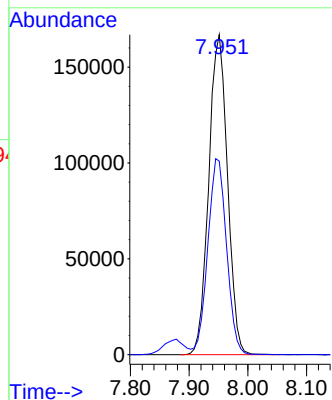
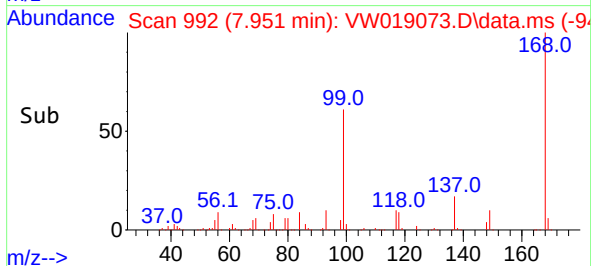
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



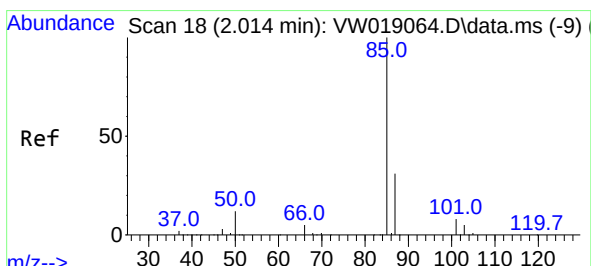
Tgt Ion: 168 Resp: 370206
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



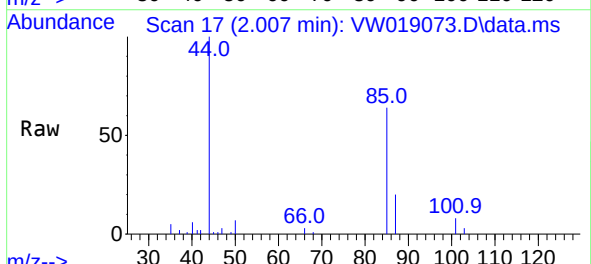
Instrument :
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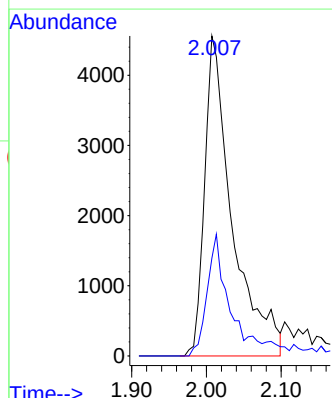
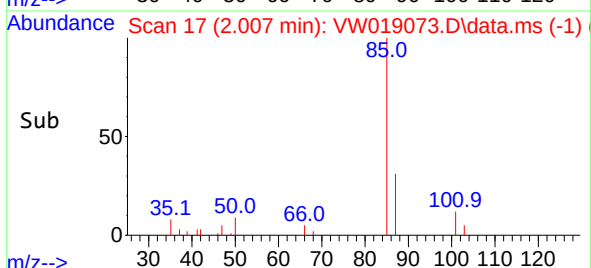
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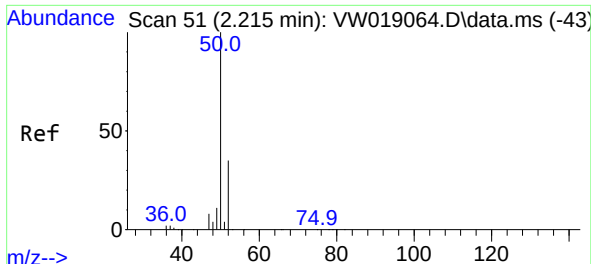


#2
Dichlorodifluoromethane
Concen: 4.49 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.007 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion: 85 Resp: 11704
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.0





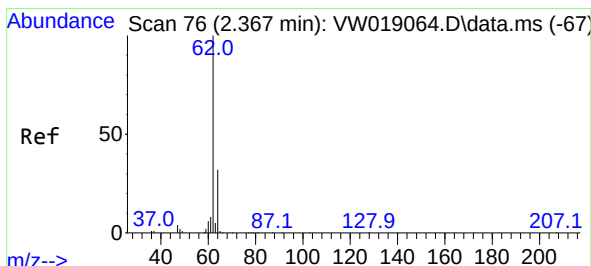
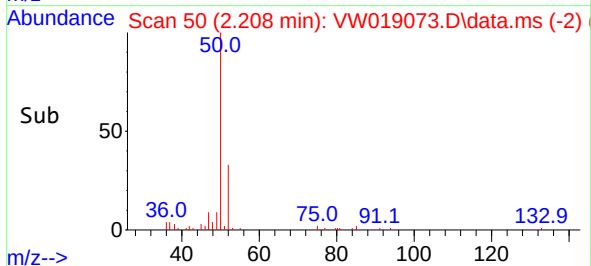
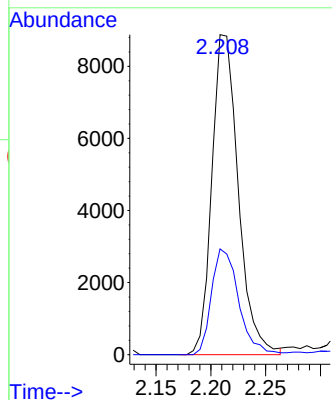
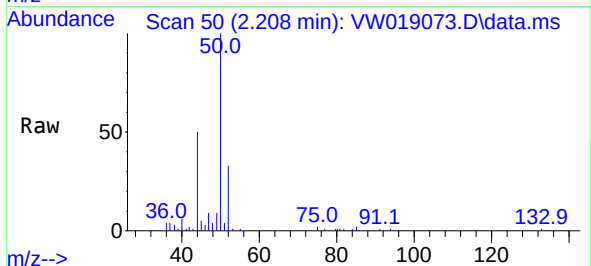
#3
Chloromethane
Concen: 5.17 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.007 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 50 Resp: 14895
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3

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ClientSampleId :
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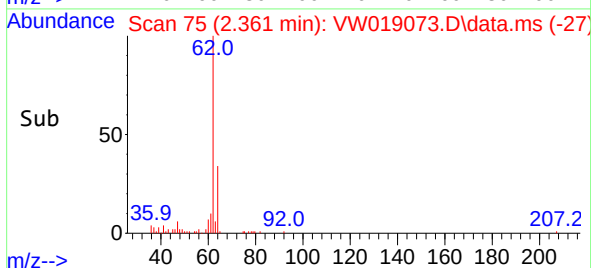
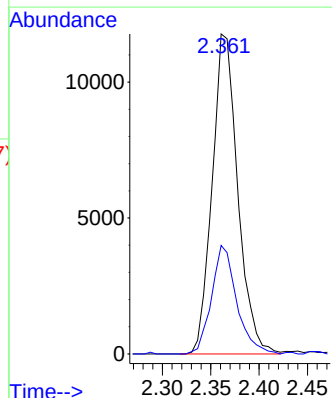
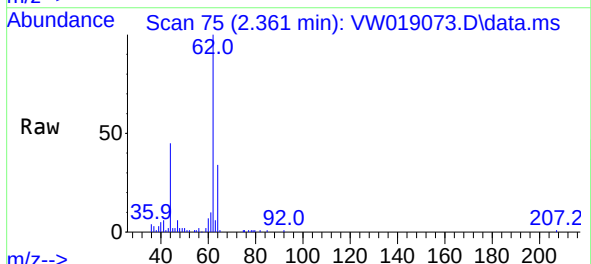
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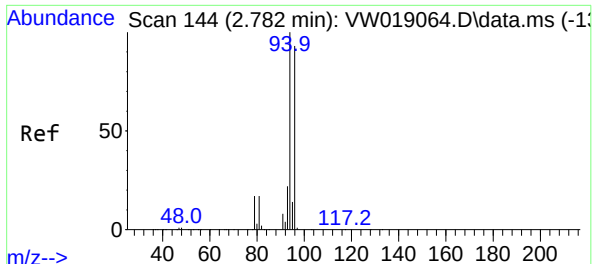
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#4
Vinyl Chloride
Concen: 4.80 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 62 Resp: 21681
Ion Ratio Lower Upper
62 100
64 33.9 25.3 37.9





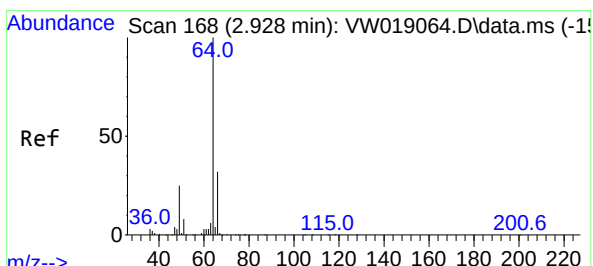
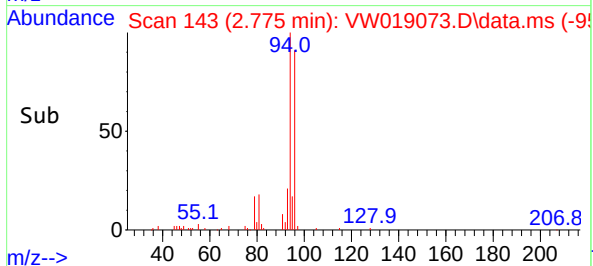
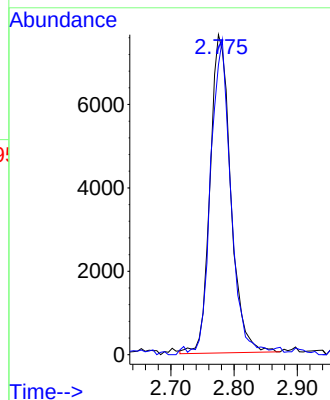
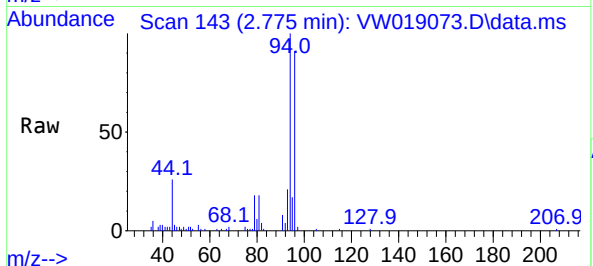
#5
Bromomethane
Concen: 4.72 ug/l
RT: 2.775 min Scan# 143
Delta R.T. -0.007 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 94 Resp: 17261
Ion Ratio Lower Upper
94 100
96 89.9 76.4 114.6

Instrument :
MSVOA_W
ClientSampleId :
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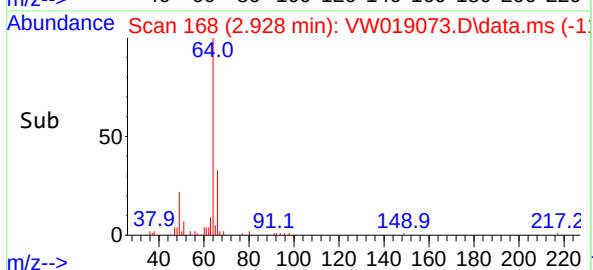
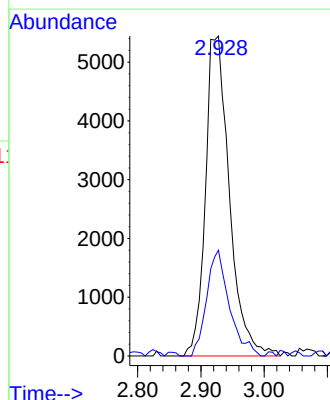
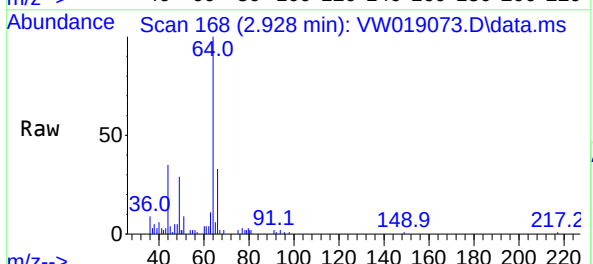
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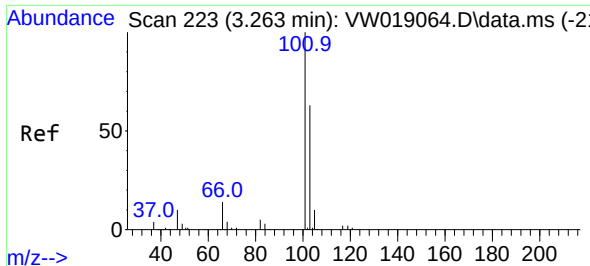
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#6
Chloroethane
Concen: 4.78 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 64 Resp: 14340
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9





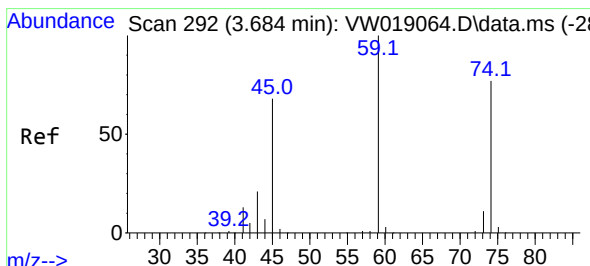
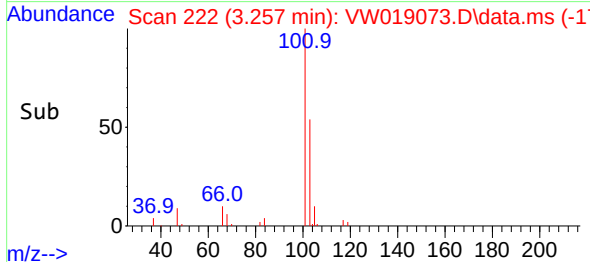
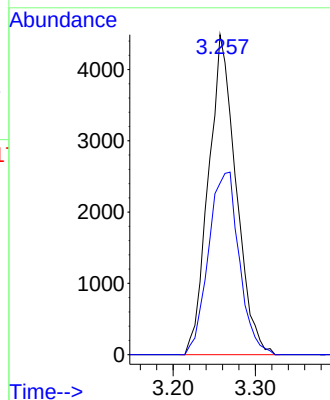
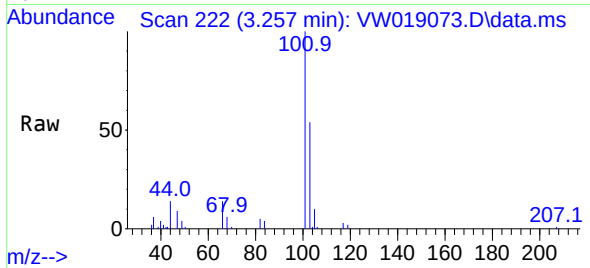
#7
Trichlorofluoromethane
Concen: 3.98 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:101 Resp: 10442
Ion Ratio Lower Upper
101 100
103 53.6 51.4 77.2

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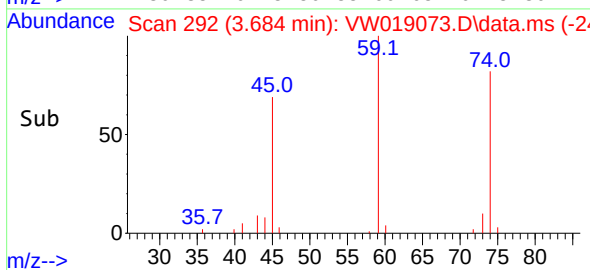
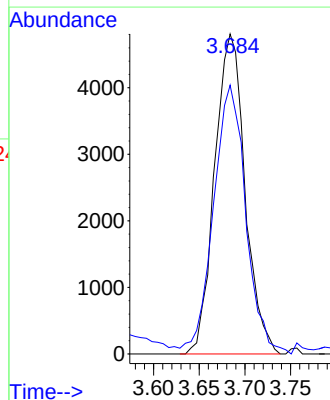
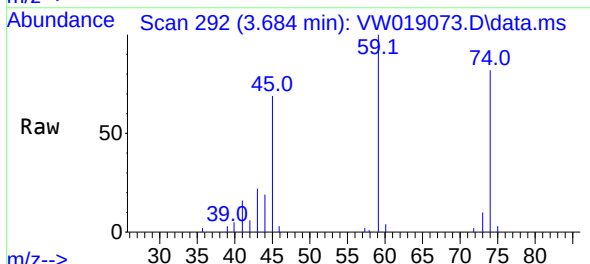
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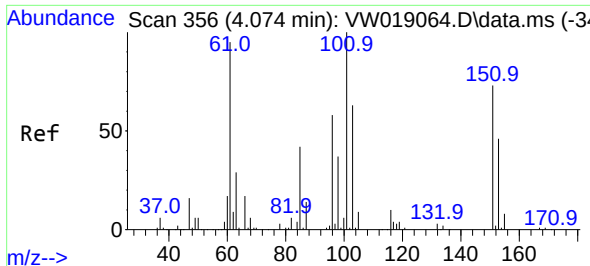
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#8
Diethyl Ether
Concen: 5.38 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 74 Resp: 11112
Ion Ratio Lower Upper
74 100
45 89.5 43.3 129.8





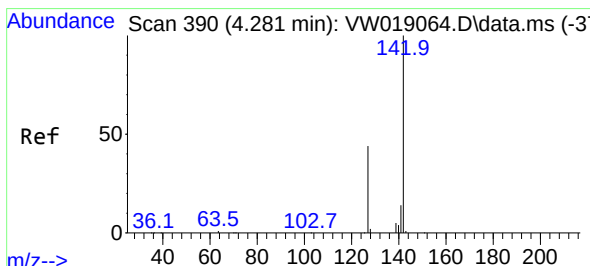
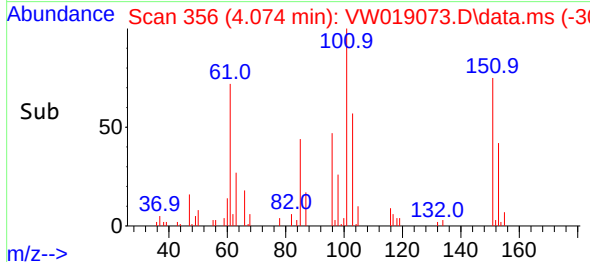
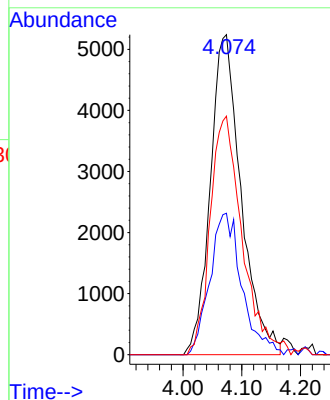
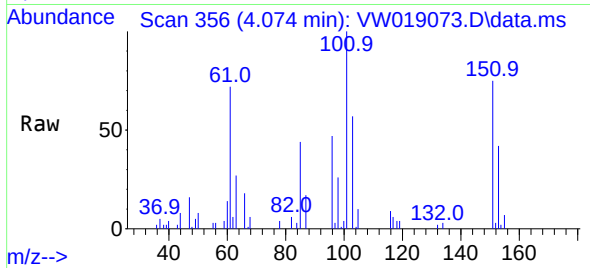
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.83 ug/l
RT: 4.074 min Scan# 356
Delta R.T. -0.000 min
Lab File: VW019073.D
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Tgt Ion:	101	Resp:	19108
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.9	53.9
151	77.3	59.8	89.6

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ClientSampleId :
LOQ-SOIL-02-QT2-2021

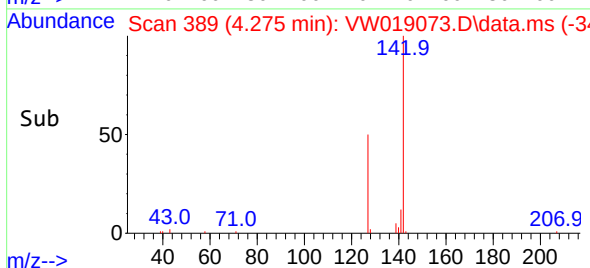
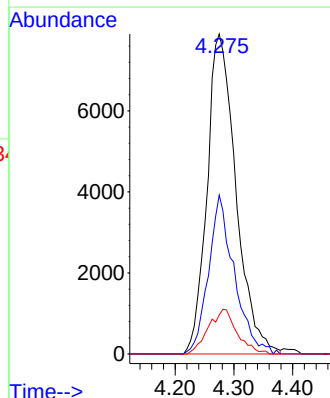
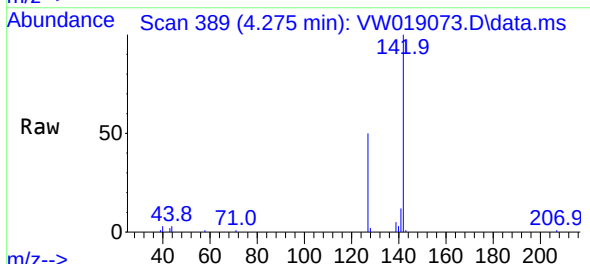
Manual Integrations
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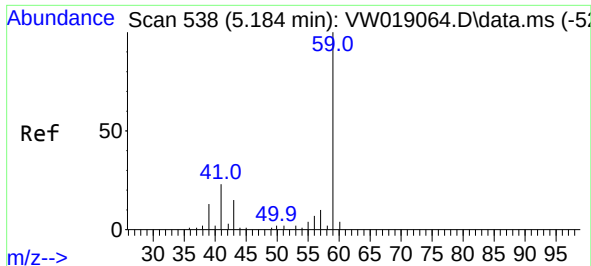
MMDadoda
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#10
Methyl Iodide
Concen: 4.80 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	142	Resp:	26992
Ion	Ratio	Lower	Upper
142	100		
127	44.3	33.7	50.5
141	13.8	11.2	16.8





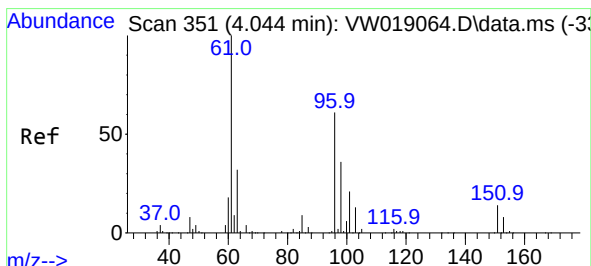
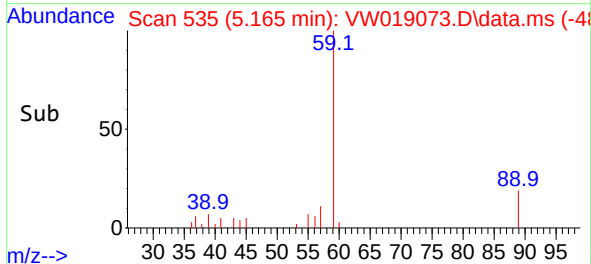
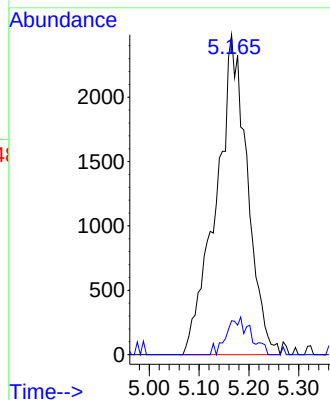
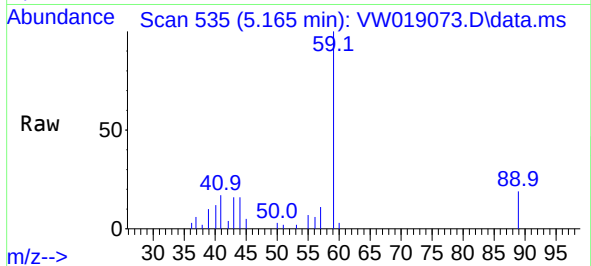
#11
Tert butyl alcohol
Concen: 47.72 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 59 Resp: 10832
Ion Ratio Lower Upper
59 100
57 8.2 8.9 13.3#

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

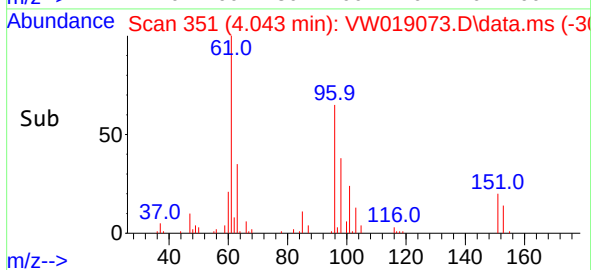
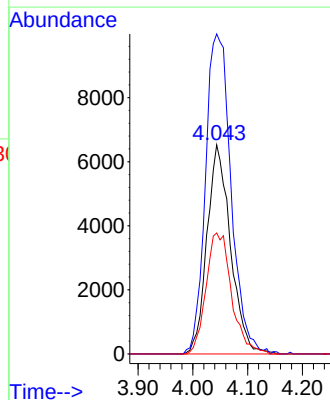
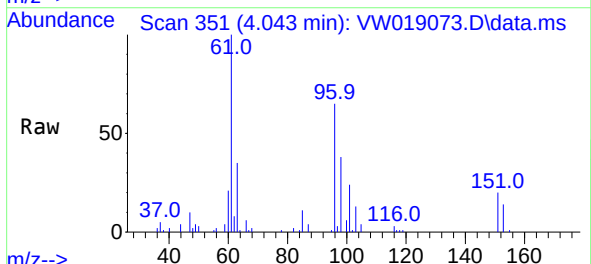
Manual Integrations
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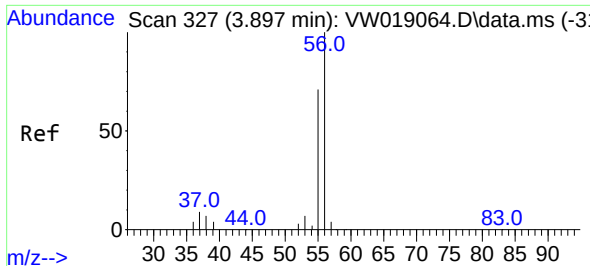
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#12
1,1-Dichloroethene
Concen: 4.72 ug/l
RT: 4.043 min Scan# 351
Delta R.T. -0.001 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 96 Resp: 19464
Ion Ratio Lower Upper
96 100
61 153.1 123.0 184.4
98 57.8 47.5 71.3





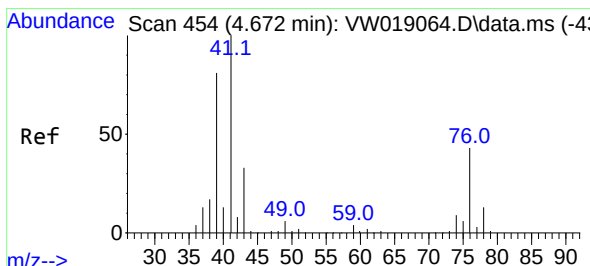
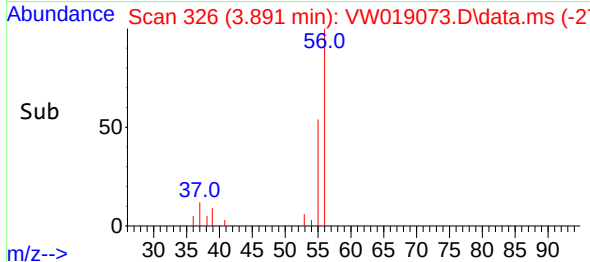
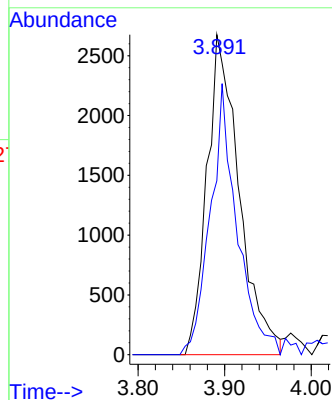
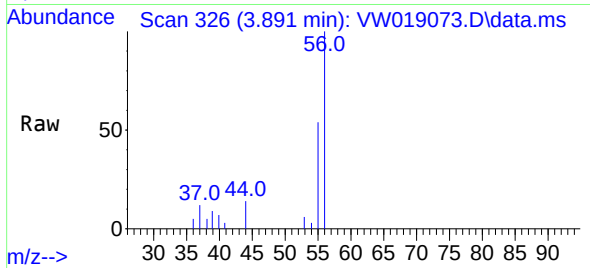
#13
Acrolein
Concen: 24.69 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 56 Resp: 6924
Ion Ratio Lower Upper
56 100
55 70.1 56.7 85.1

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

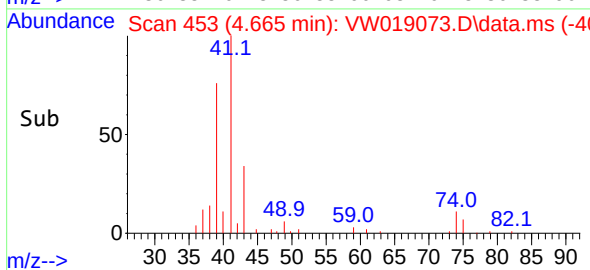
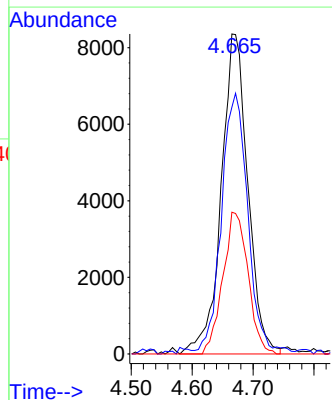
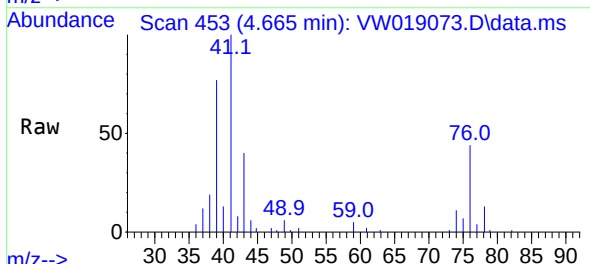
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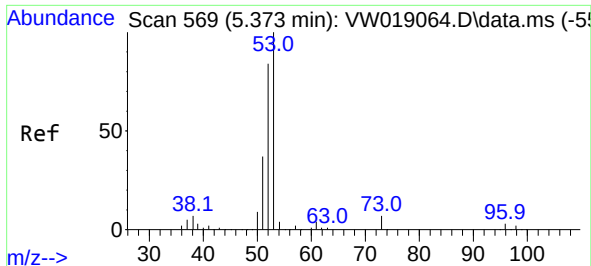
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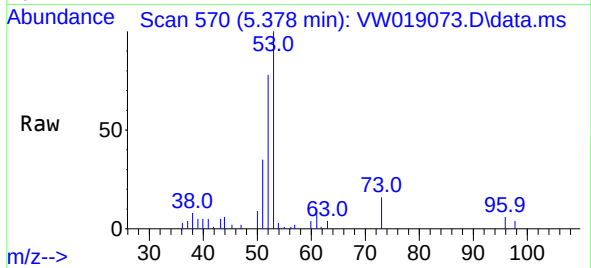
#14
Allyl chloride
Concen: 4.60 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.007 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 41 Resp: 25352
Ion Ratio Lower Upper
41 100
39 79.8 63.9 95.9
76 41.9 35.1 52.7

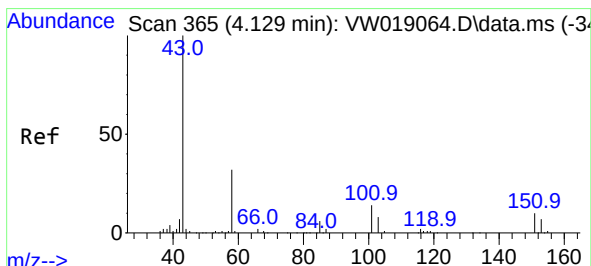
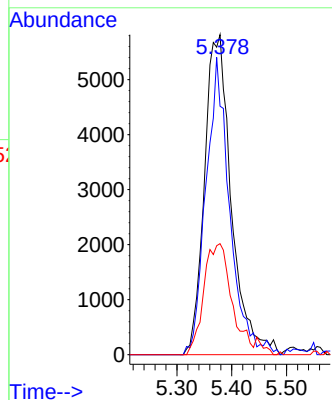
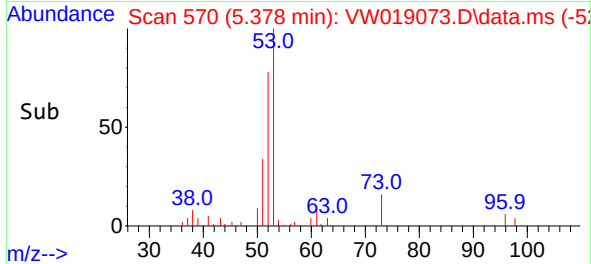




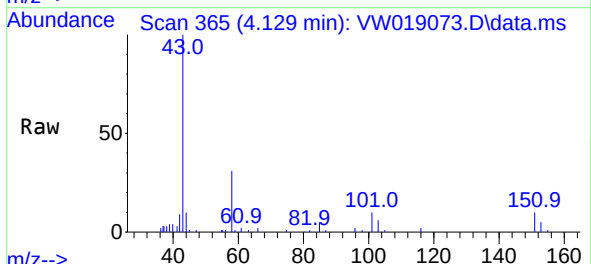
#15
Acrylonitrile
Concen: 26.06 ug/l
RT: 5.378 min Scan# 570
Delta R.T. 0.005 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



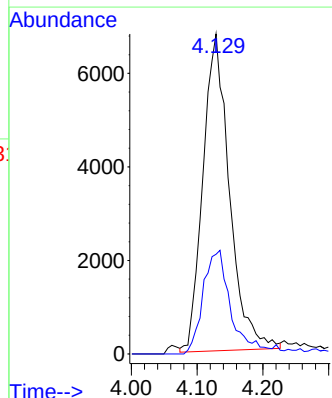
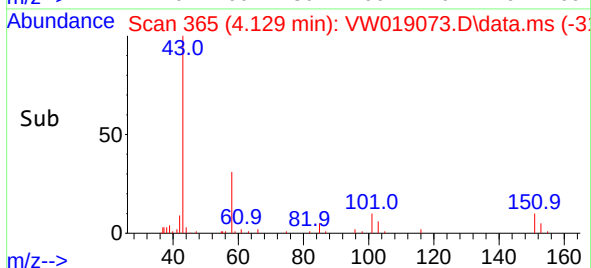
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.5	99.7
51	35.9	29.8	44.8



#16
Acetone
Concen: 26.63 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



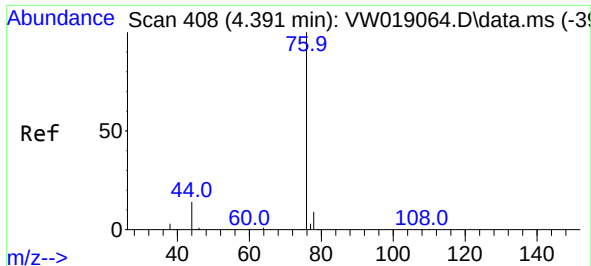
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	26.4	39.6



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

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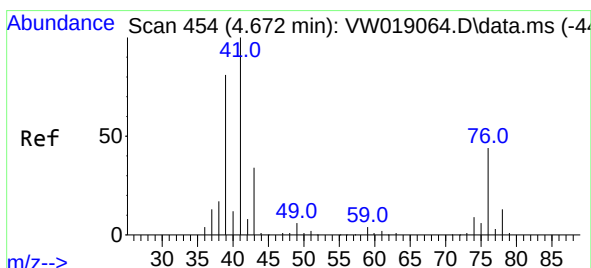
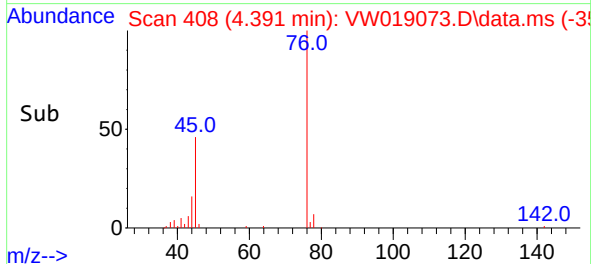
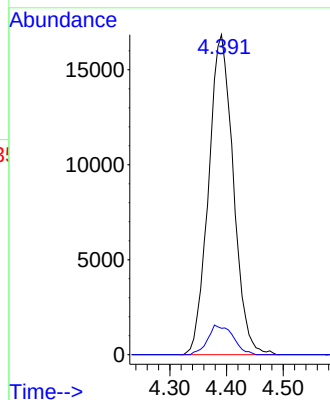
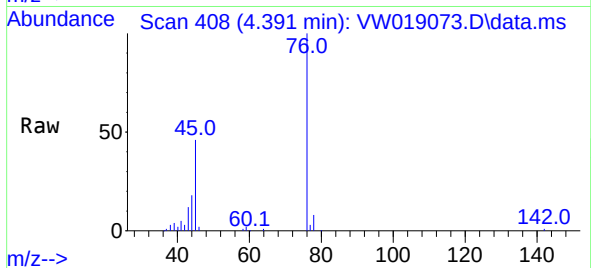
#17
Carbon Disulfide
Concen: 4.58 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 76 Resp: 51044
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

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

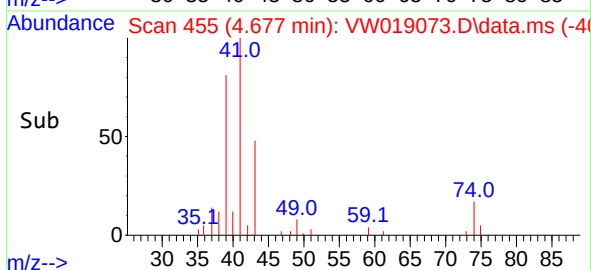
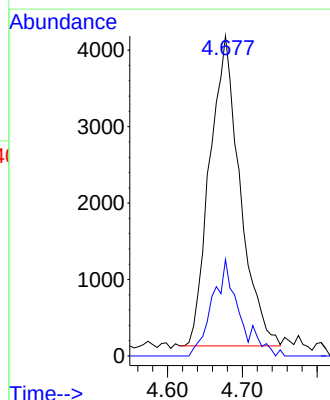
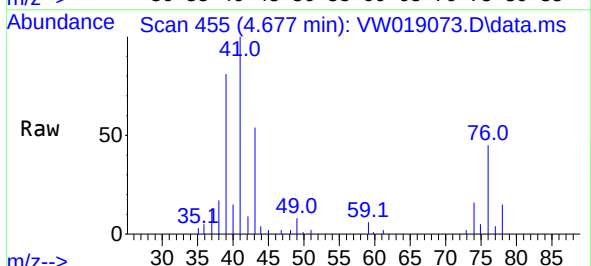
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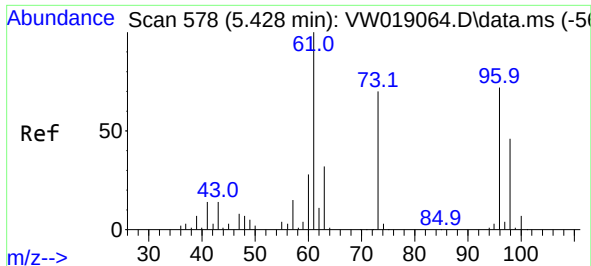
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#18
Methyl Acetate
Concen: 5.92 ug/l
RT: 4.677 min Scan# 455
Delta R.T. 0.005 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 43 Resp: 11438
Ion Ratio Lower Upper
43 100
74 24.3 21.8 32.8





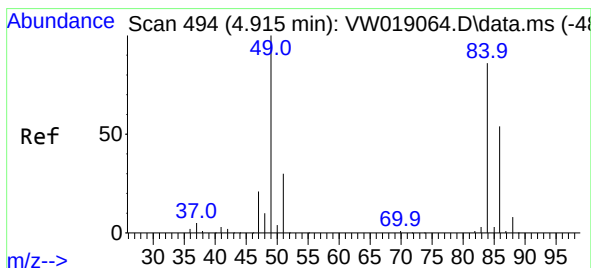
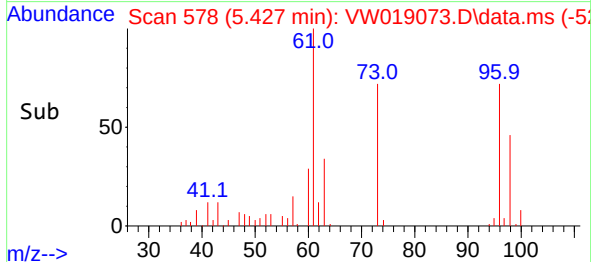
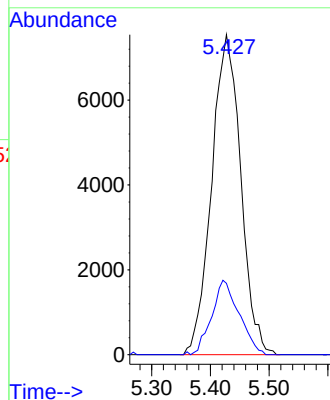
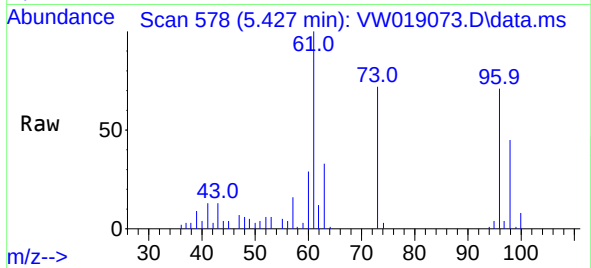
#19
Methyl tert-butyl Ether
Concen: 5.18 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 73 Resp: 25966
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

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

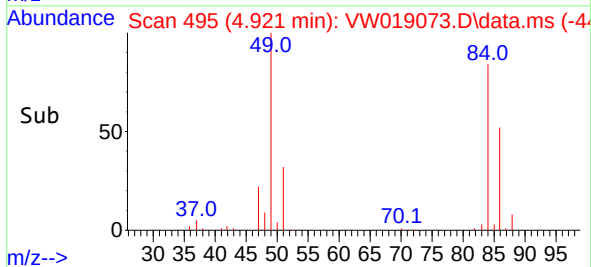
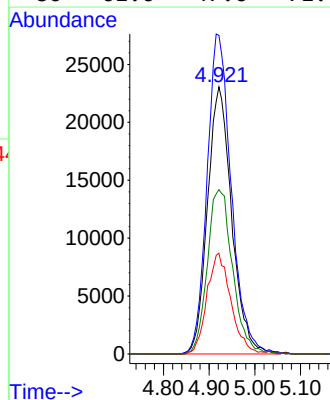
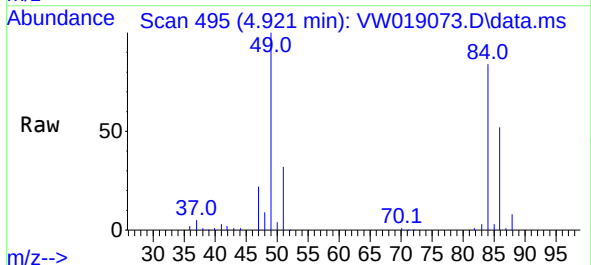
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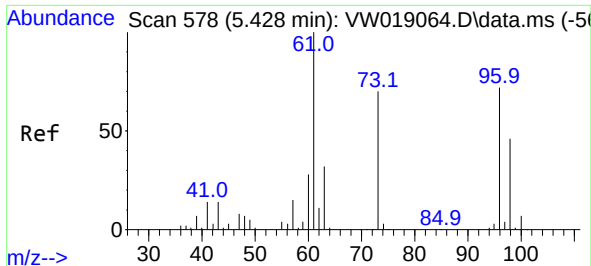
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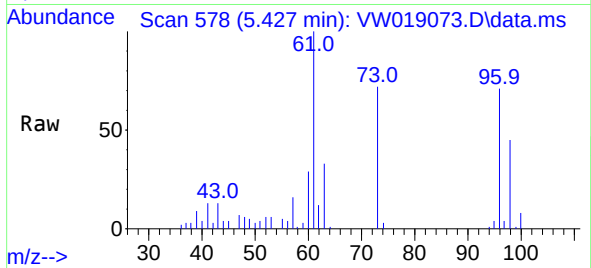
#20
Methylene Chloride
Concen: 16.39 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 84 Resp: 84886
Ion Ratio Lower Upper
84 100
49 119.3 90.4 135.6
51 37.7 27.1 40.7
86 61.6 47.6 71.4



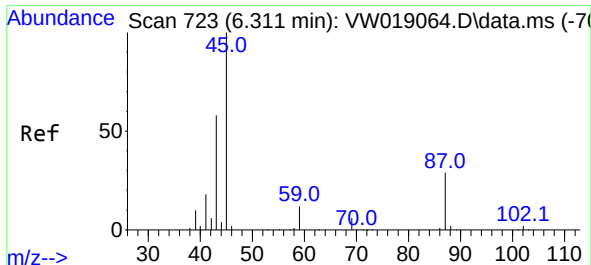
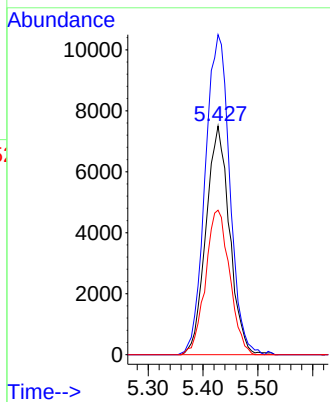
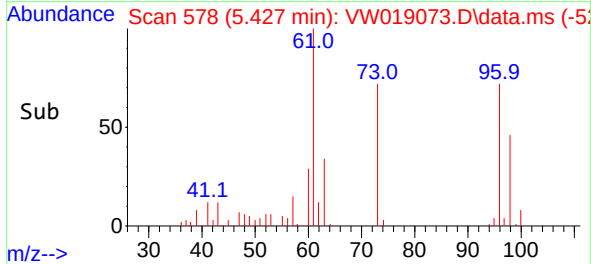


#21
trans-1,2-Dichloroethene
Concen: 4.87 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

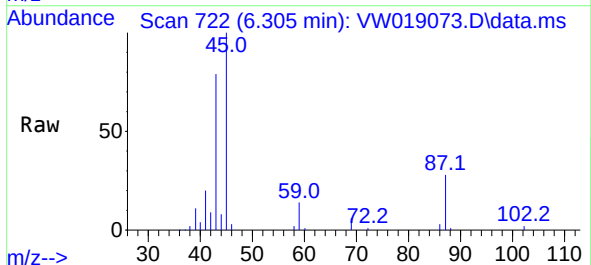


Tgt Ion: 96 Resp: 22402

Ion	Ratio	Lower	Upper
96	100		
61	140.0	108.5	162.7
98	63.2	49.4	74.0

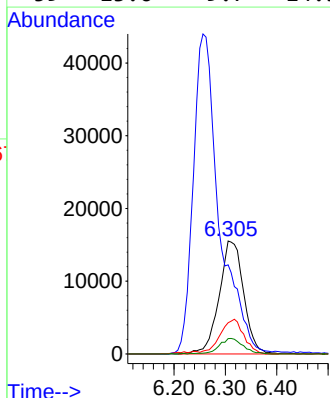
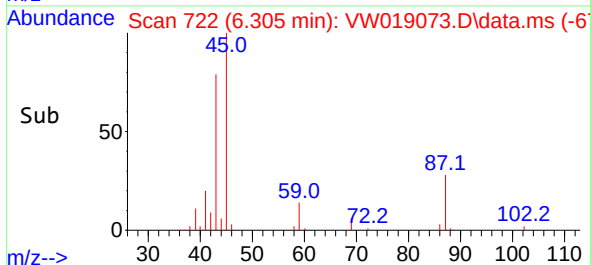


#22
Diisopropyl ether
Concen: 4.81 ug/l
RT: 6.305 min Scan# 722
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion: 45 Resp: 51302

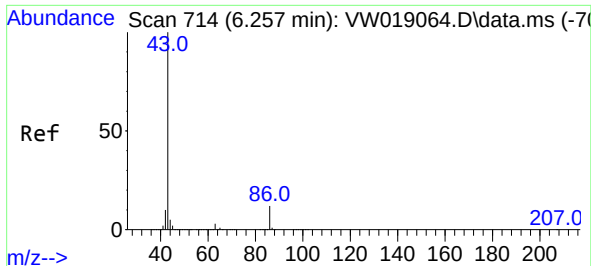
Ion	Ratio	Lower	Upper
45	100		
43	76.7	46.1	69.1#
87	27.6	23.4	35.2
59	13.6	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
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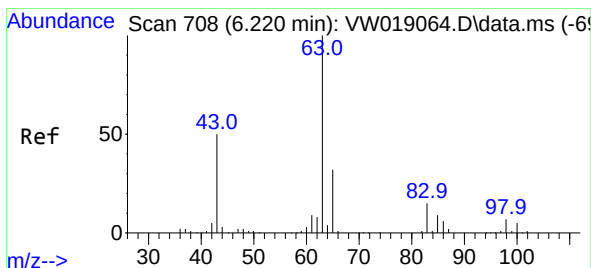
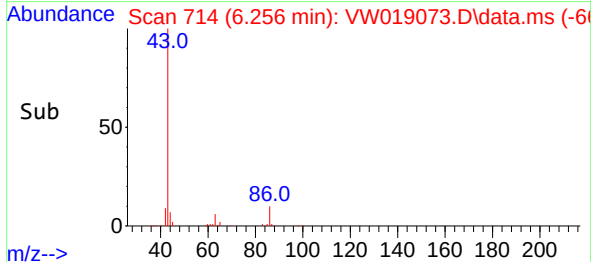
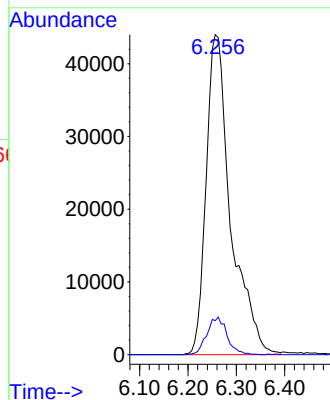
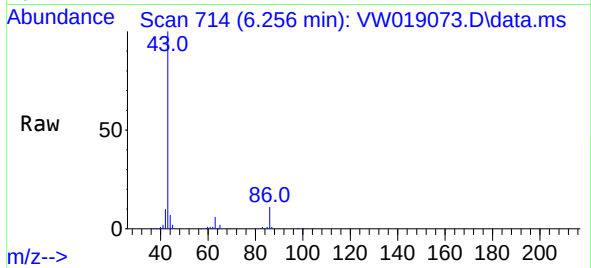
#23
 Vinyl Acetate
 Concen: 22.10 ug/l
 RT: 6.256 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019073.D
 Acq: 24 May 2021 18:45

Tgt Ion: 43 Resp: 155366
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.6 14.4

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

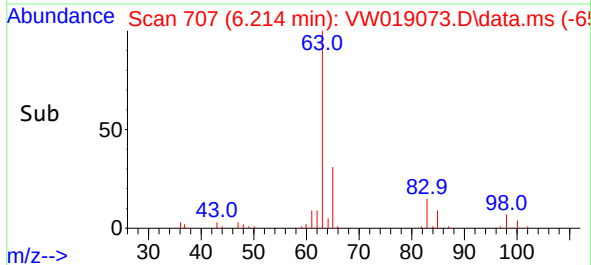
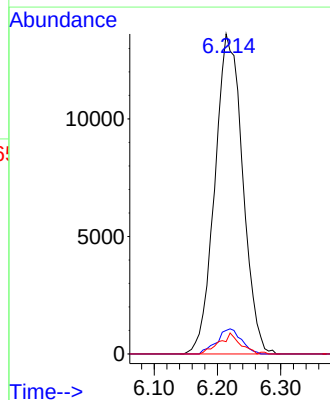
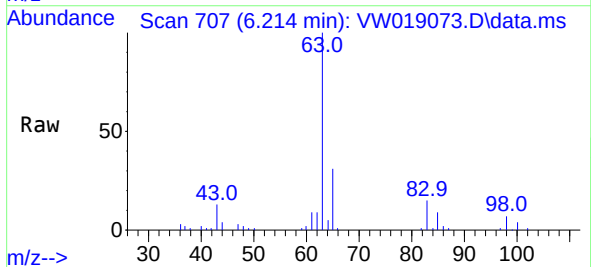
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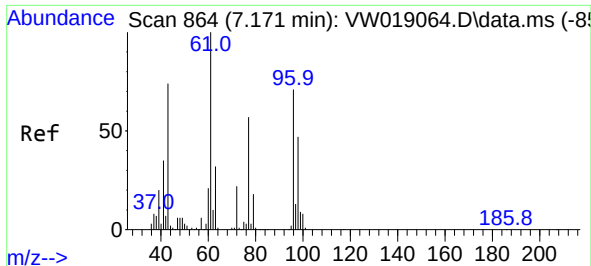
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#24
 1,1-Dichloroethane
 Concen: 5.03 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019073.D
 Acq: 24 May 2021 18:45

Tgt Ion: 63 Resp: 41537
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 3.9 2.3 6.8





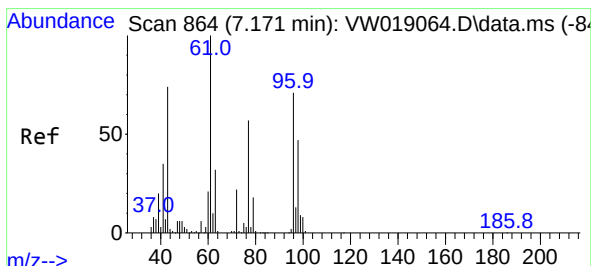
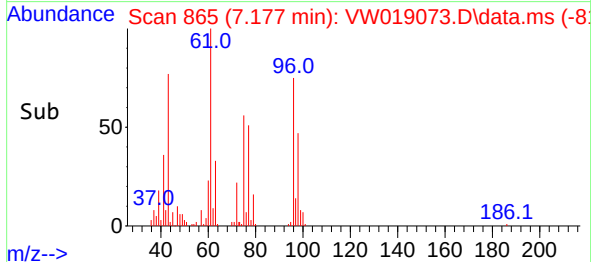
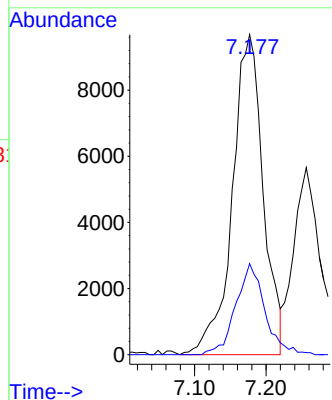
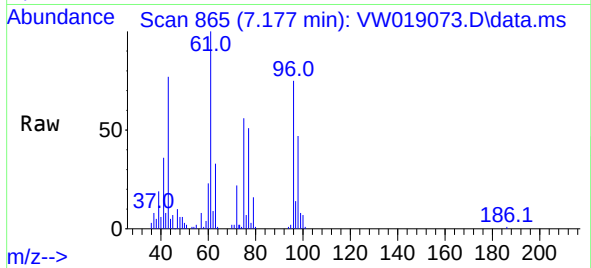
#25
2-Butanone
Concen: 27.45 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 43 Resp: 28943
Ion Ratio Lower Upper
43 100
72 28.4 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
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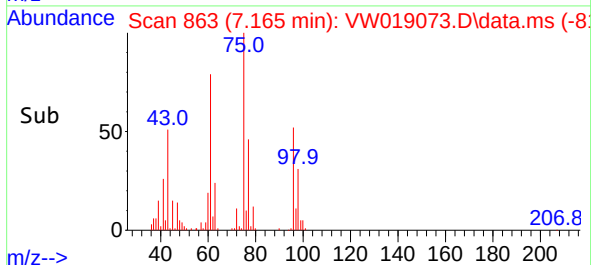
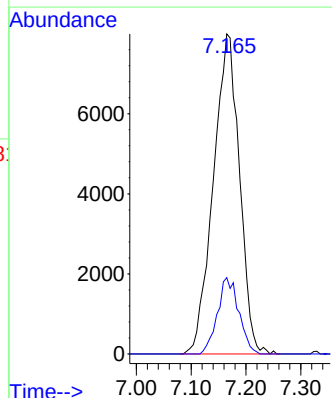
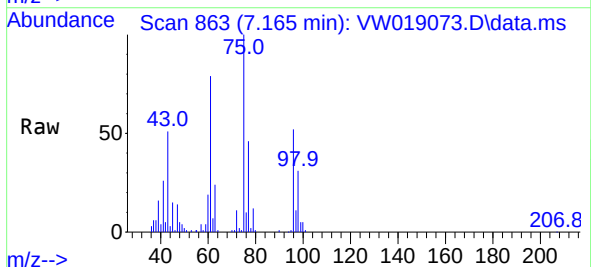
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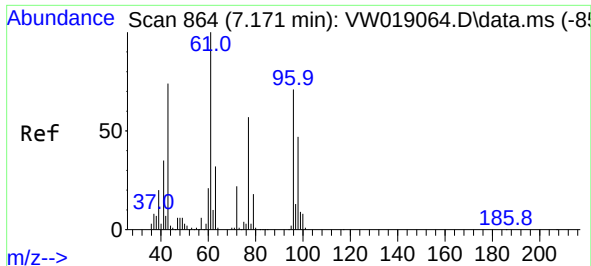
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#26
2,2-Dichloropropane
Concen: 5.61 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 77 Resp: 26491
Ion Ratio Lower Upper
77 100
97 19.4 11.8 35.3





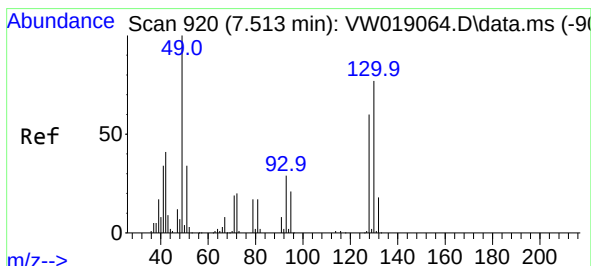
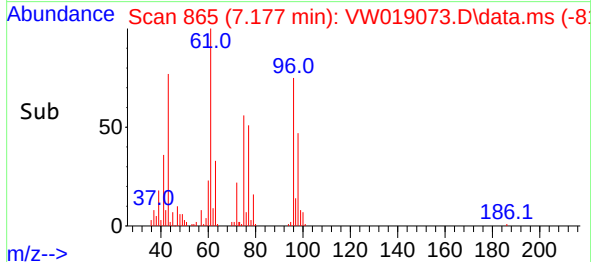
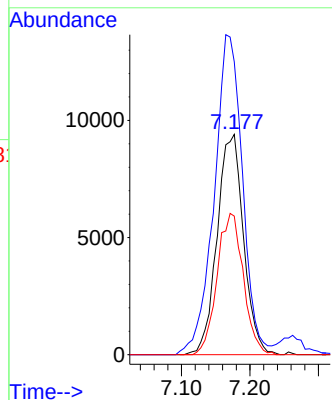
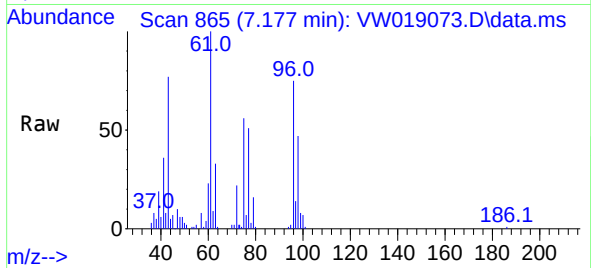
#27
cis-1,2-Dichloroethene
Concen: 4.98 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	96	Resp:	25172
Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	281.2
98	63.5	0.0	127.4

Instrument :
MSVOA_W
ClientSampleId :
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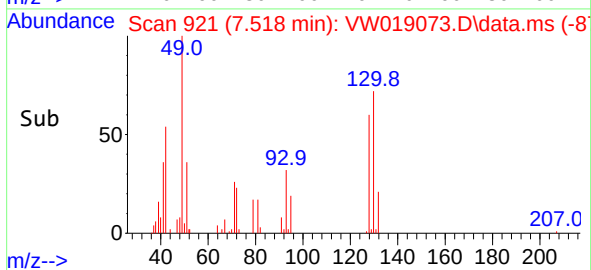
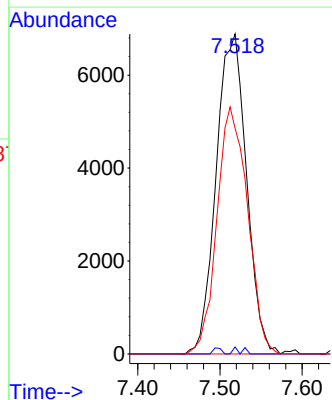
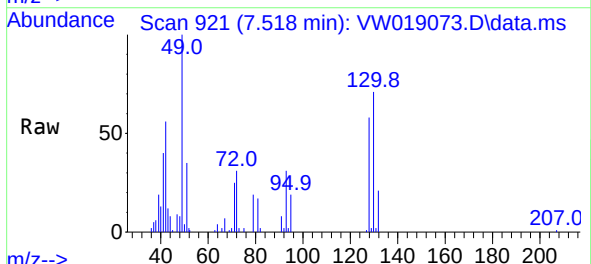
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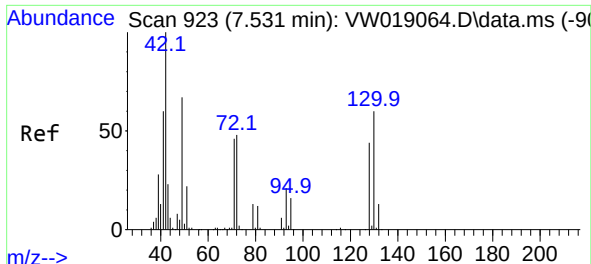
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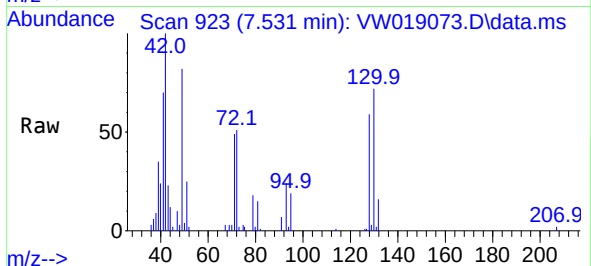
#28
Bromochloromethane
Concen: 5.40 ug/l
RT: 7.518 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	49	Resp:	17674
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.4
130	77.8	63.0	94.4

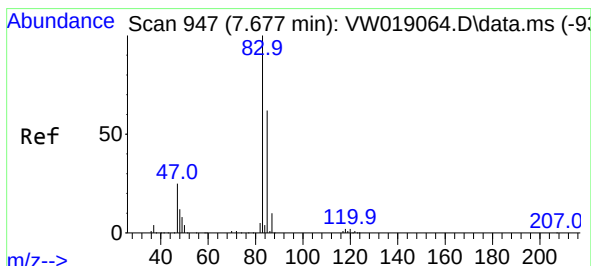
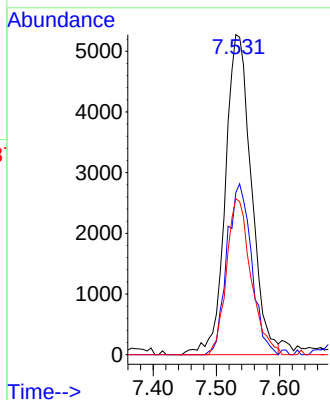
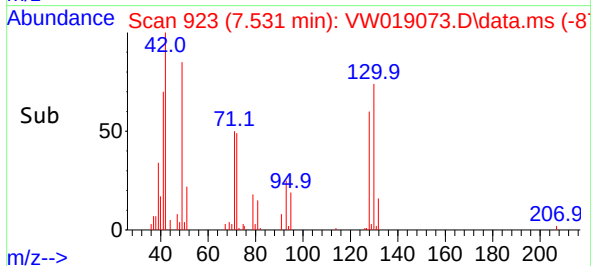




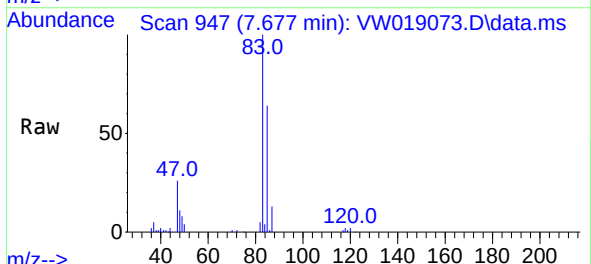
#29
Tetrahydrofuran
Concen: 25.19 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



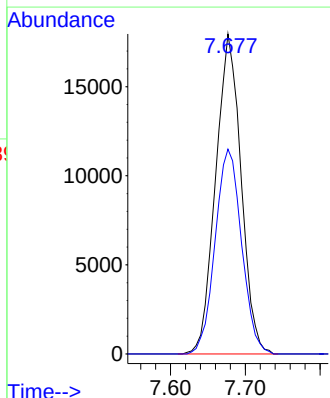
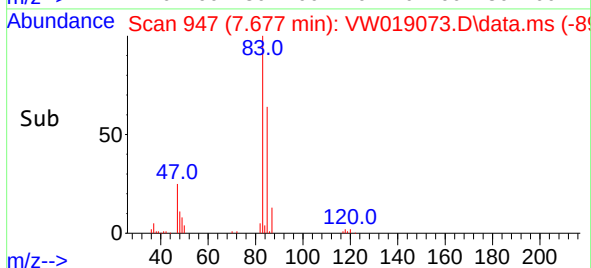
Tgt Ion:	42	Resp:	15047
Ion Ratio	Lower	Upper	
42	100		
72	50.5	40.1	60.1
71	45.9	38.3	57.5



#30
Chloroform
Concen: 5.10 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



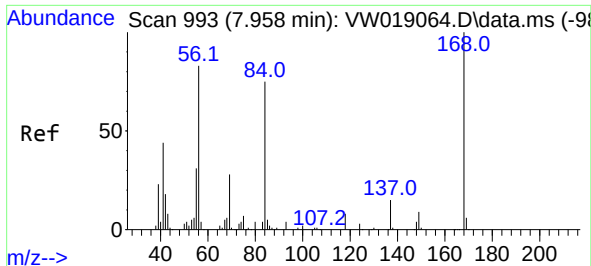
Tgt Ion:	83	Resp:	42441
Ion Ratio	Lower	Upper	
83	100		
85	64.0	53.4	80.0



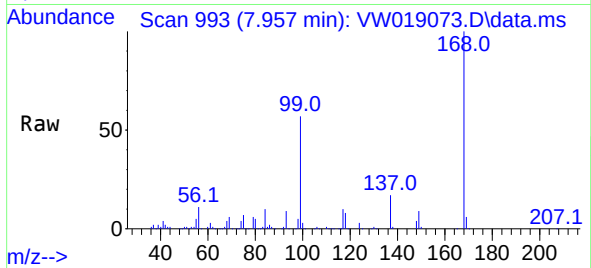
Instrument :
MSVOA_W
ClientSampleId :
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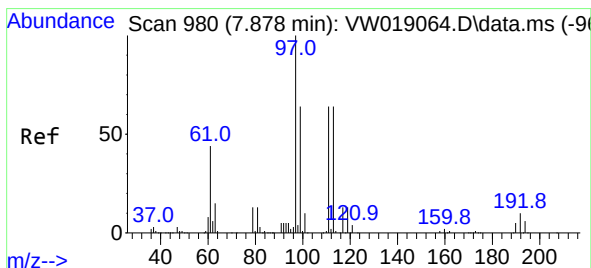
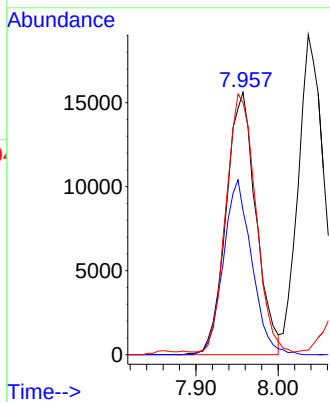
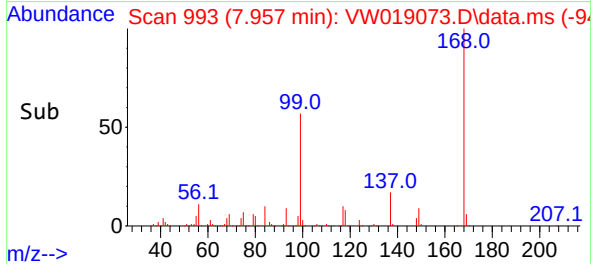
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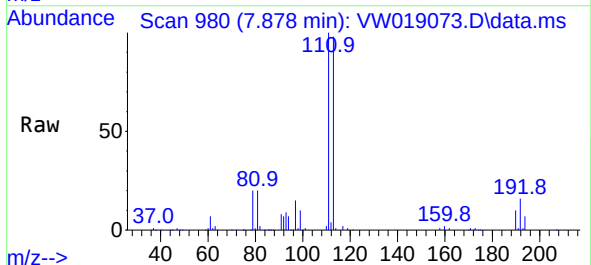
#31
Cyclohexane
Concen: 5.61 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



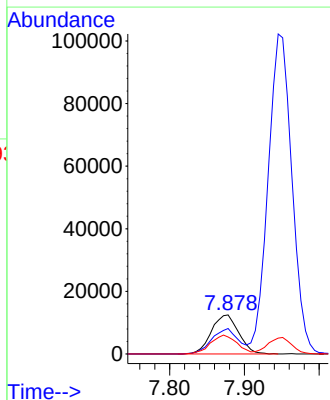
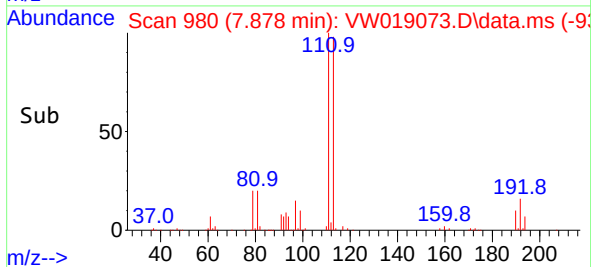
Tgt Ion: 56 Resp: 39463
Ion Ratio Lower Upper
56 100
69 54.9 28.4 42.6#
84 94.9 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 4.94 ug/l
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



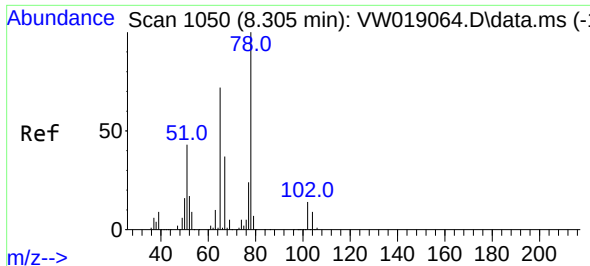
Tgt Ion: 97 Resp: 31624
Ion Ratio Lower Upper
97 100
99 62.8 52.2 78.4
61 46.8 36.7 55.1



Instrument :
MSVOA_W
ClientSampleId :
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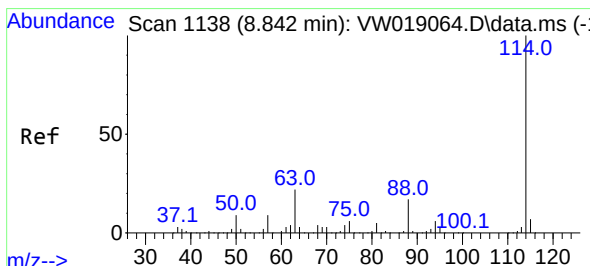
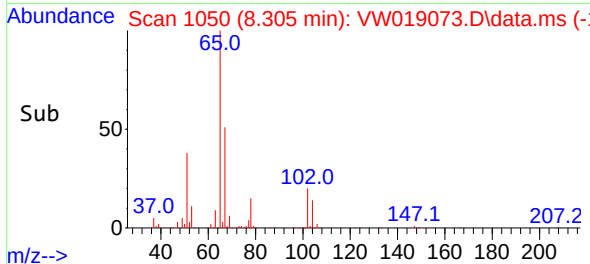
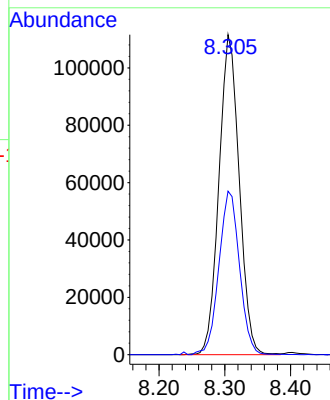
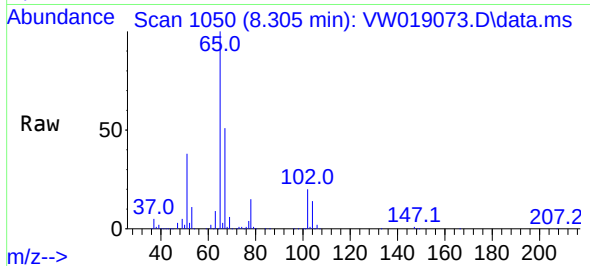
#33
1,2-Dichloroethane-d4
Concen: 51.53 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 65 Resp: 239129
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
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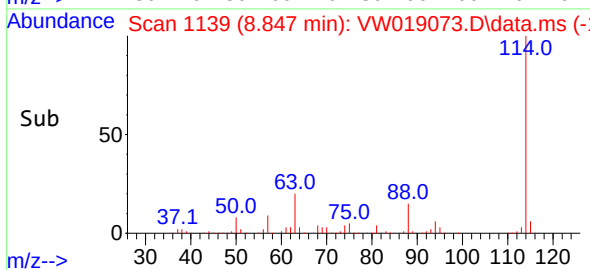
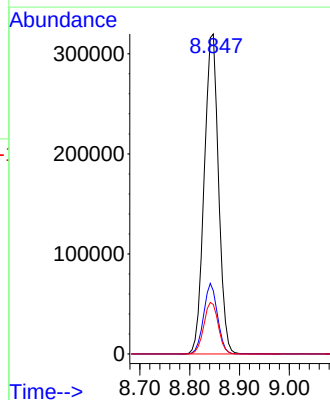
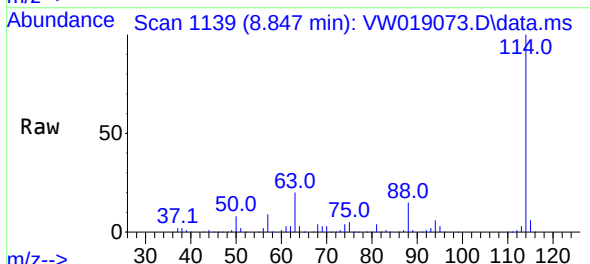
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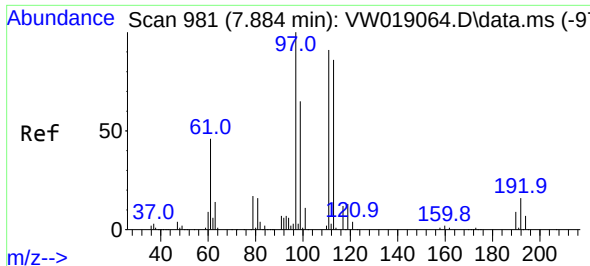
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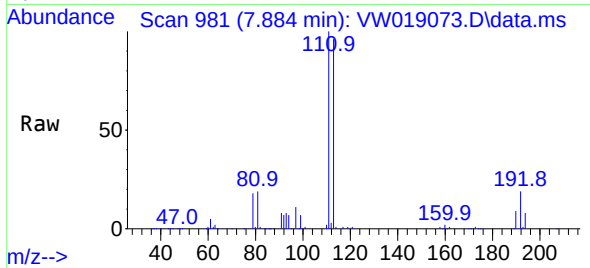
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 114 Resp: 637233
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.5 0.0 33.2



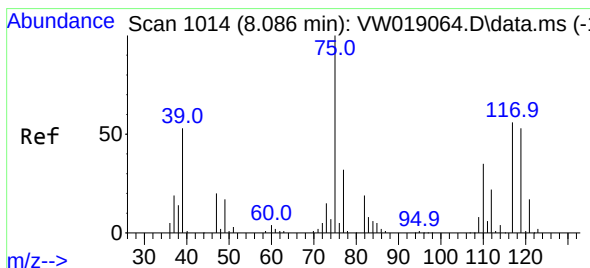
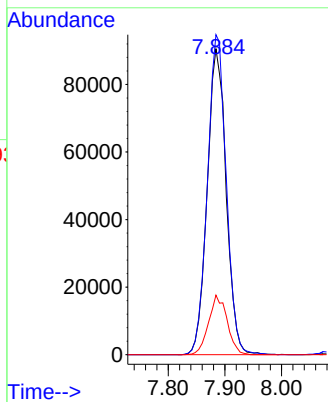
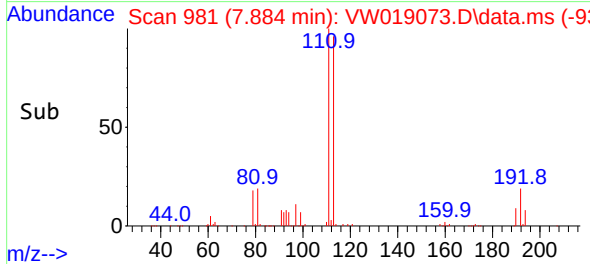


#35
Dibromofluoromethane
Concen: 48.50 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

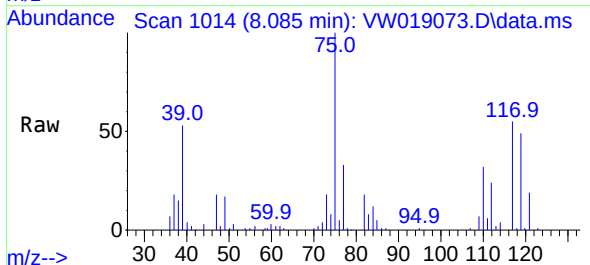


Tgt Ion: 113 Resp: 210292

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.3	123.5
192	19.0	15.3	22.9

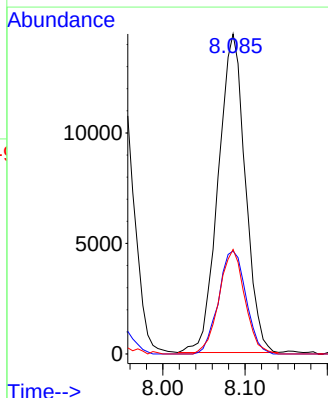
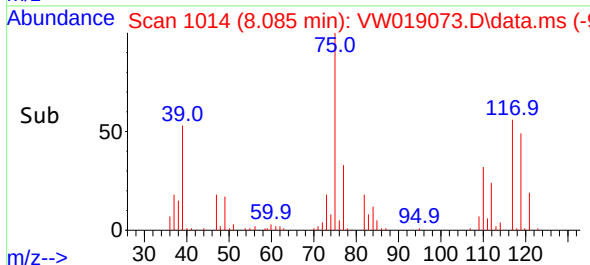


#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion: 75 Resp: 32906

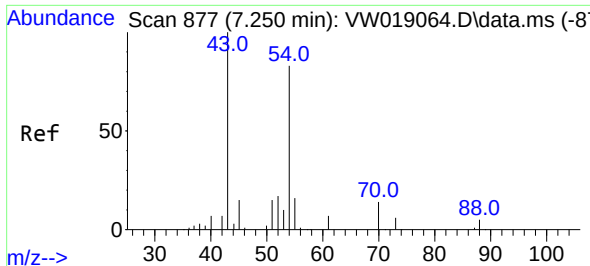
Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.1	51.2
77	31.3	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
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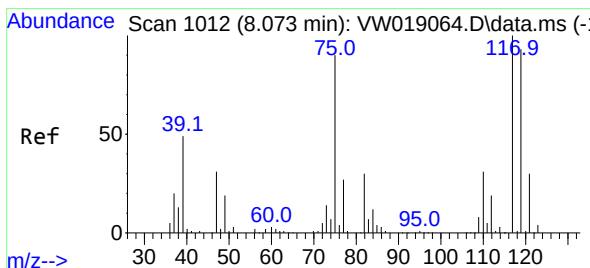
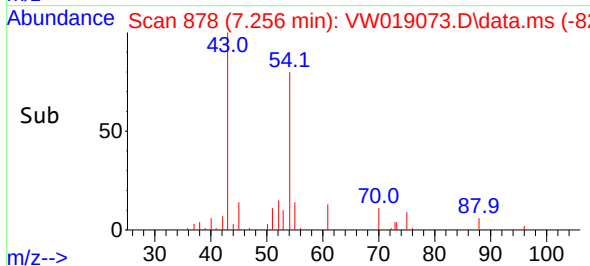
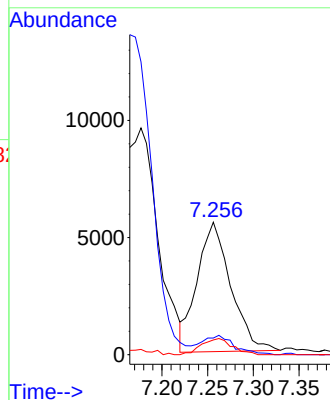
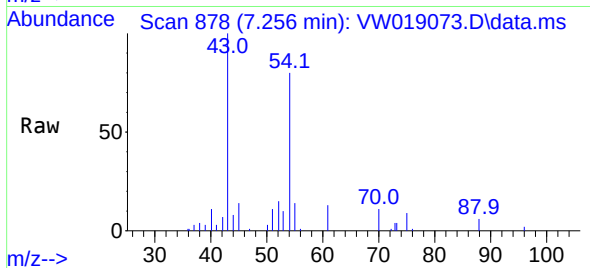
#37
Ethyl Acetate
Concen: 5.52 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 43 Resp: 14188
Ion Ratio Lower Upper
43 100
61 14.3 12.2 18.4
70 11.4 9.5 14.3

Instrument :
MSVOA_W
ClientSampleId :
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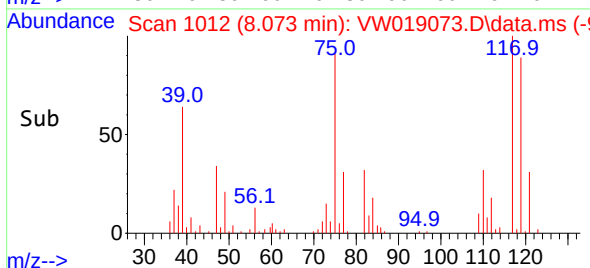
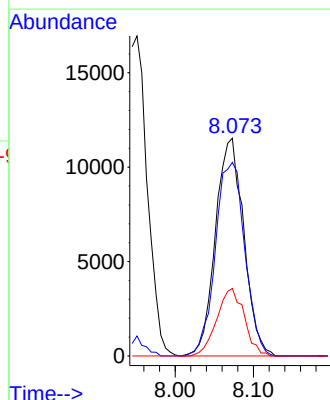
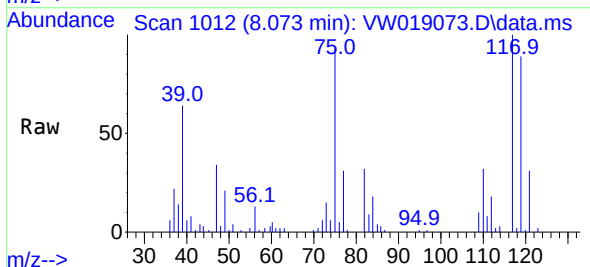
Manual Integrations
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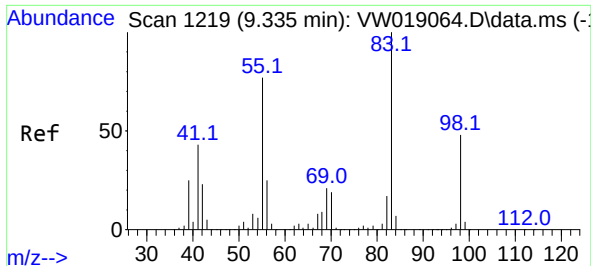
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#38
Carbon Tetrachloride
Concen: 4.59 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 117 Resp: 28961
Ion Ratio Lower Upper
117 100
119 88.9 77.4 116.0
121 31.0 23.6 35.4





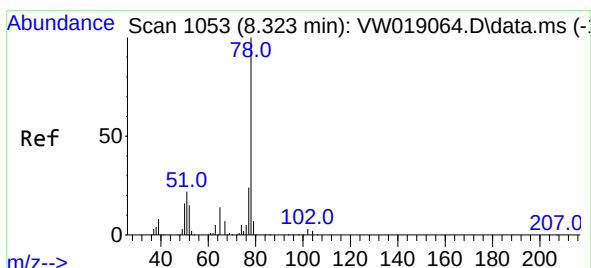
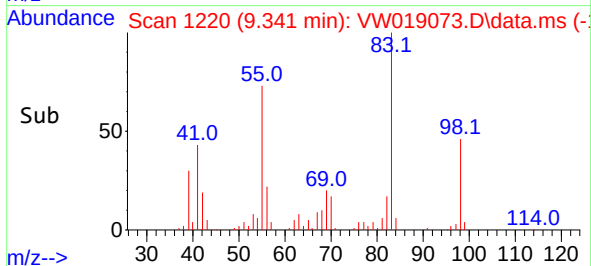
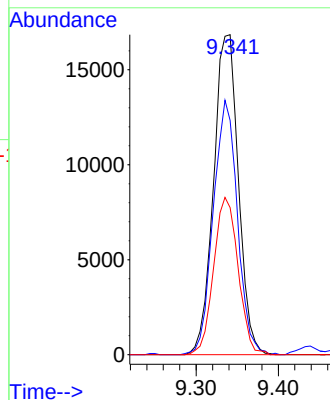
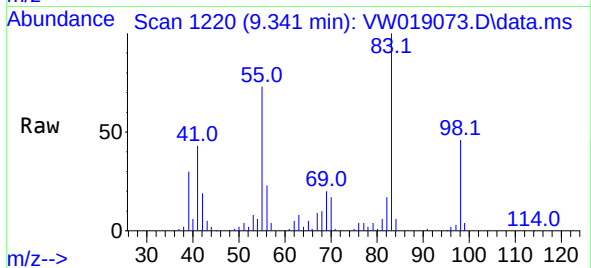
#39
Methylcyclohexane
Concen: 4.48 ug/l
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 83 Resp: 35394
Ion Ratio Lower Upper
83 100
55 73.2 60.9 91.3
98 46.0 38.4 57.6

Instrument :
MSVOA_W
ClientSampleId :
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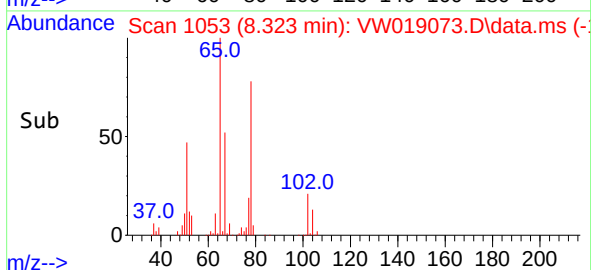
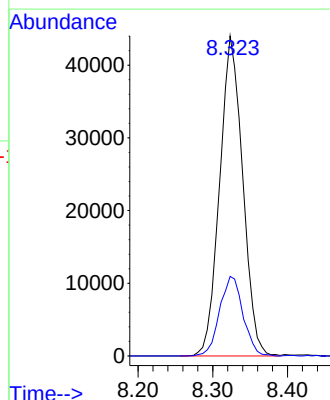
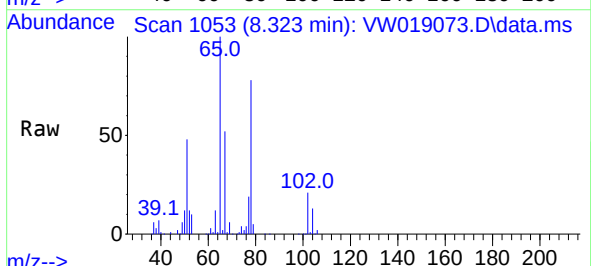
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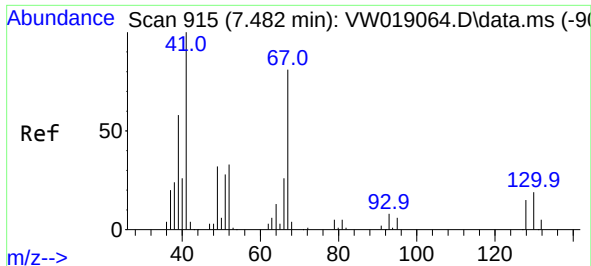
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#40
Benzene
Concen: 4.87 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 78 Resp: 94380
Ion Ratio Lower Upper
78 100
77 24.9 19.6 29.4





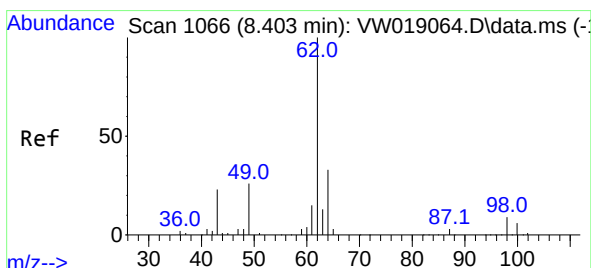
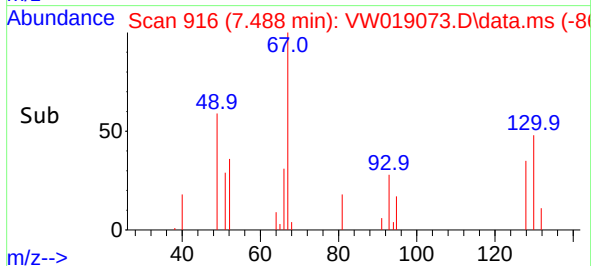
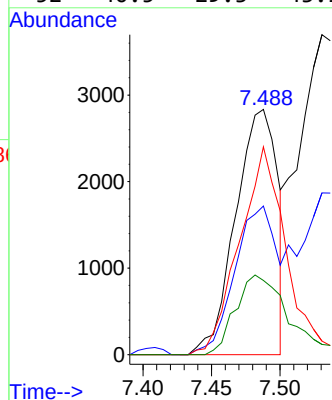
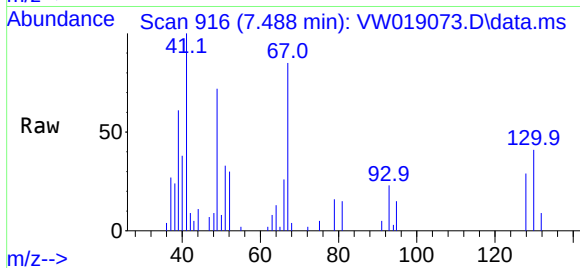
#41
Methacrylonitrile
Concen: 4.03 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	41	Resp:	6055
Ion	Ratio	Lower	Upper
41	100		
39	60.1	50.1	75.1
67	93.6	69.0	103.4
52	40.5	29.3	43.9

Instrument :
MSVOA_W
ClientSampleId :
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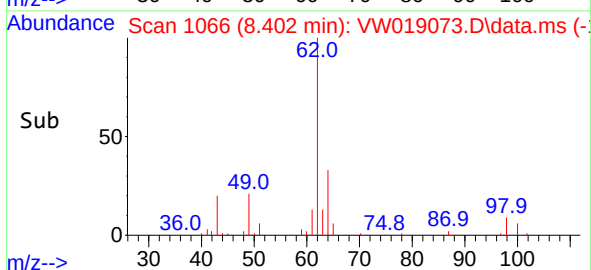
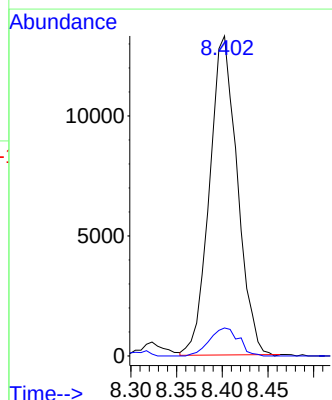
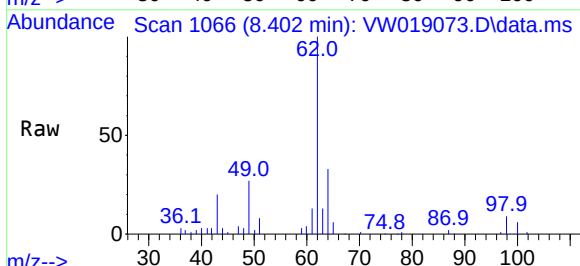
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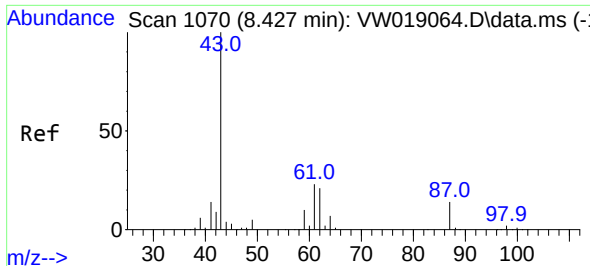
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#42
1,2-Dichloroethane
Concen: 4.91 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	62	Resp:	28064
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





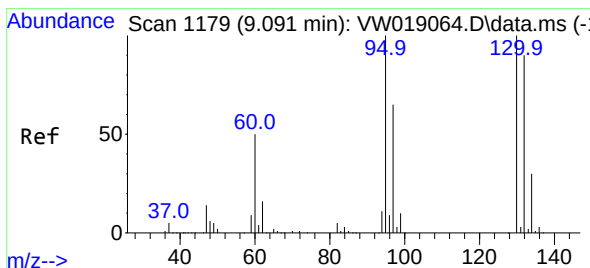
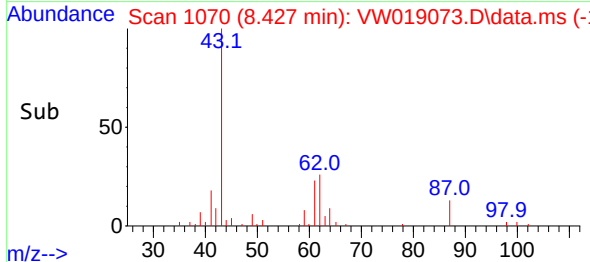
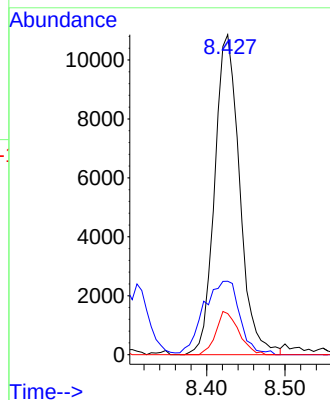
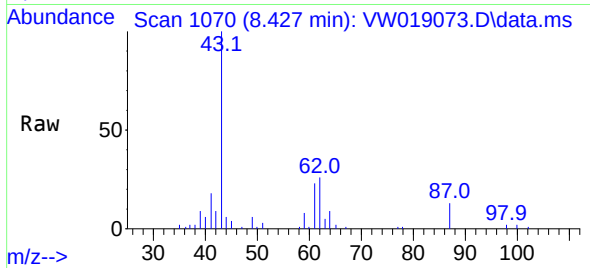
#43
Isopropyl Acetate
Concen: 4.86 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	43	Resp:	24096
Ion Ratio	Lower	Upper	
43	100		
61	33.3	27.0	40.6
87	12.3	11.6	17.4

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

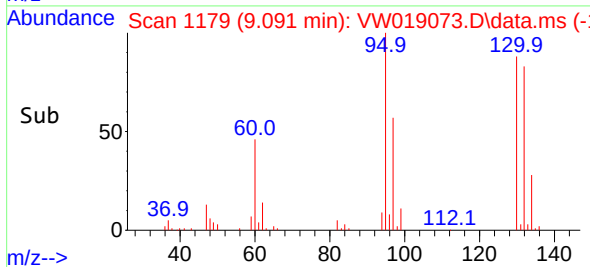
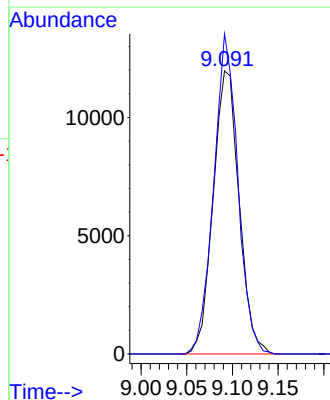
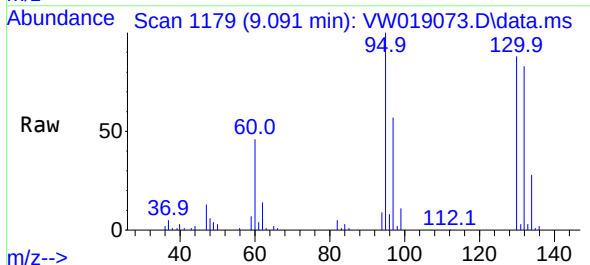
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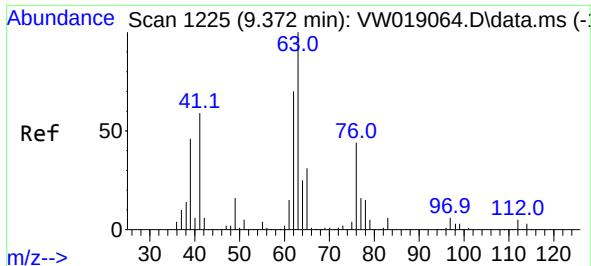
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#44
Trichloroethene
Concen: 4.64 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	130	Resp:	23657
Ion Ratio	Lower	Upper	
130	100		
95	113.0	0.0	199.0





#45

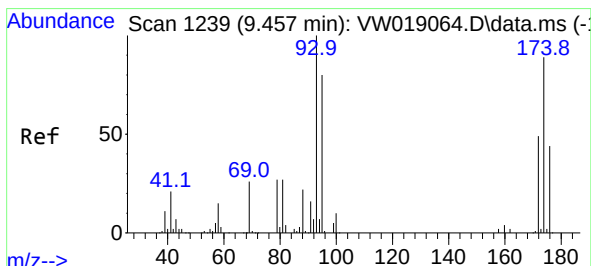
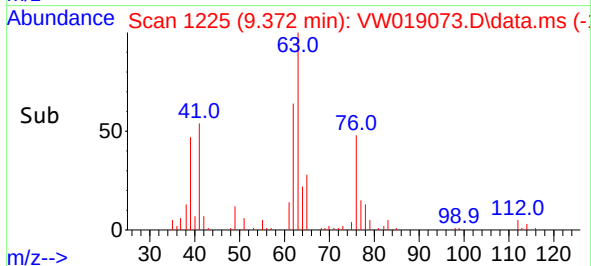
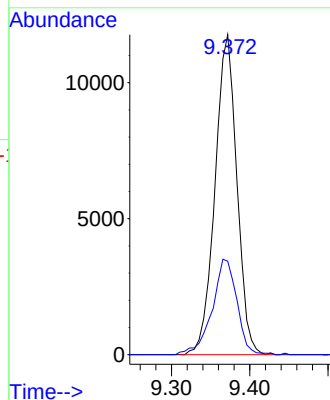
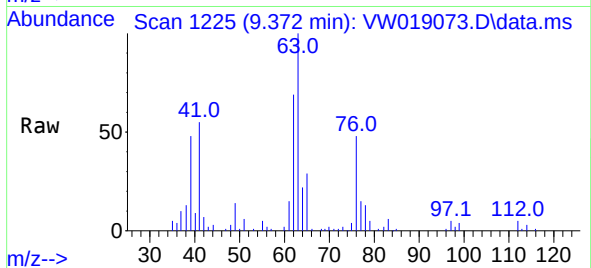
1,2-Dichloropropane
Concen: 4.86 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 63 Resp: 22847
Ion Ratio Lower Upper
63 100
65 29.2 24.1 36.1

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

Manual Integrations
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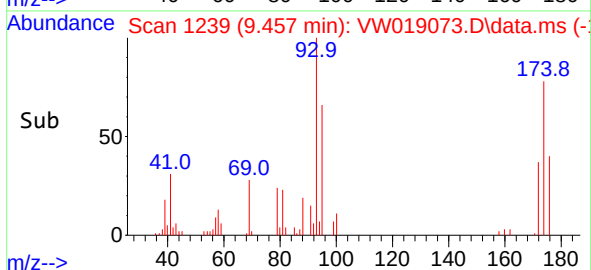
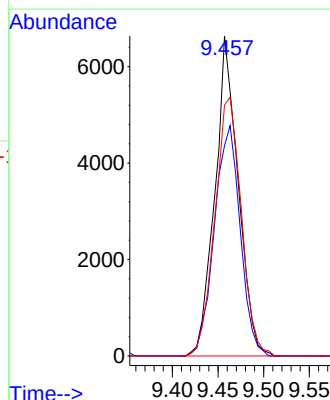
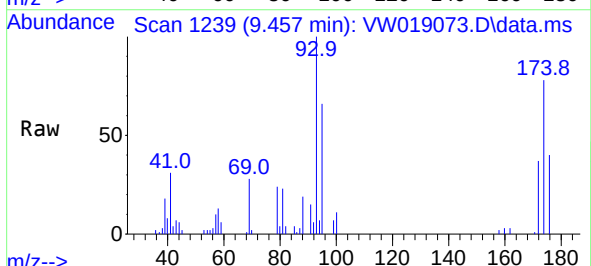
MMDadoda
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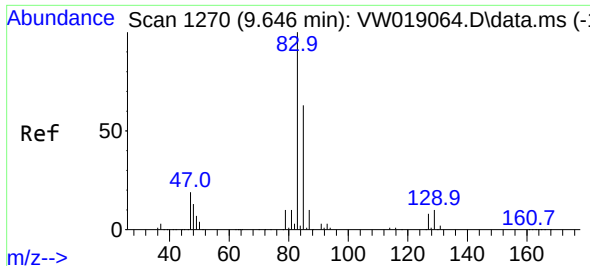


#46

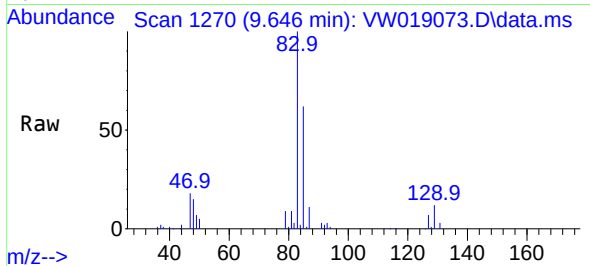
Dibromomethane
Concen: 4.80 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 93 Resp: 11746
Ion Ratio Lower Upper
93 100
95 79.9 66.7 100.1
174 91.5 75.3 112.9

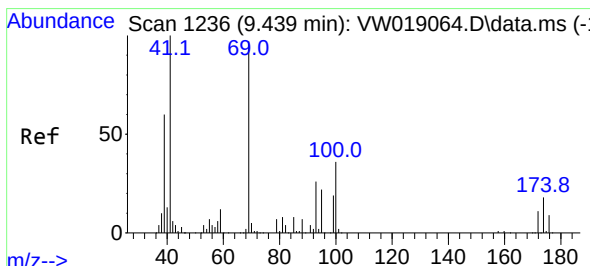
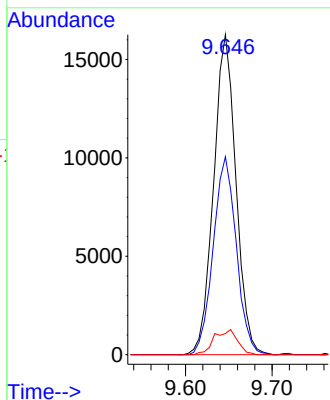
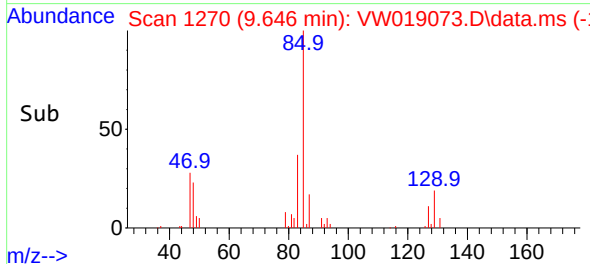




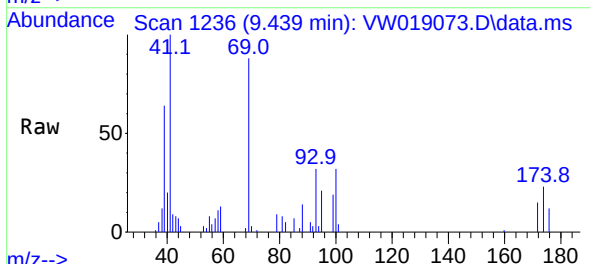
#47
Bromodichloromethane
Concen: 4.62 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



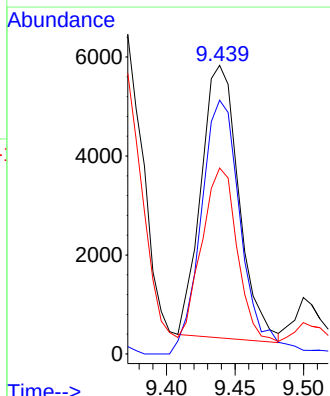
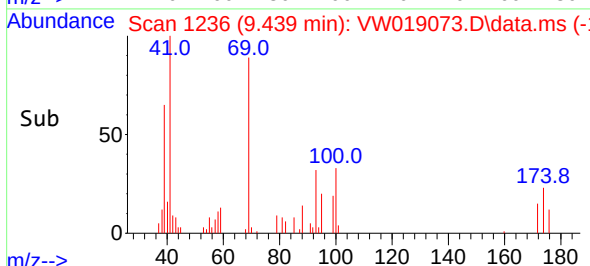
Tgt Ion: 83 Resp: 29179
Ion Ratio Lower Upper
83 100
85 61.8 53.4 80.2
127 6.6 7.0 10.6#



#48
Methyl methacrylate
Concen: 4.56 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



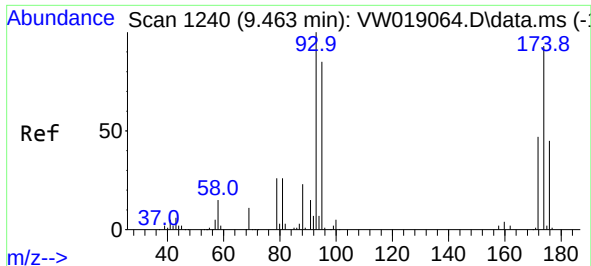
Tgt Ion: 41 Resp: 10571
Ion Ratio Lower Upper
41 100
69 98.5 80.2 120.2
39 69.8 51.5 77.3



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

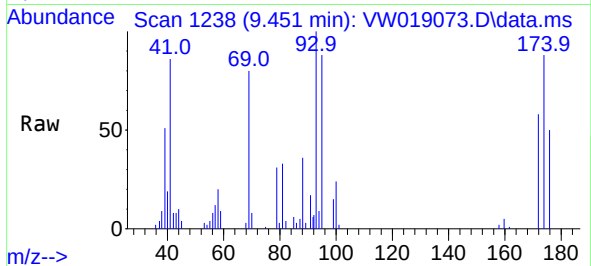
Manual Integrations
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#49
1,4-Dioxane
Concen: 98.20 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.012 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

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

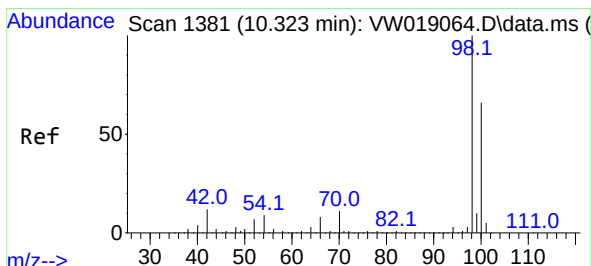
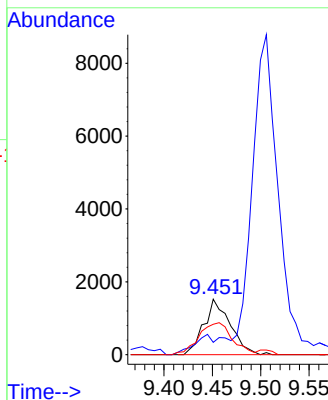
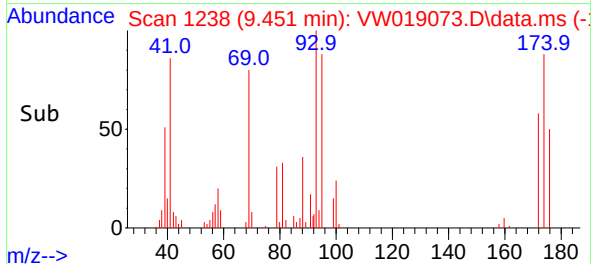


Tgt Ion: 88 Resp: 2888

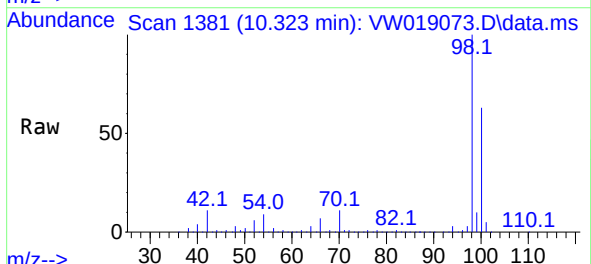
Ion	Ratio	Lower	Upper
88	100		
43	26.1	22.1	33.1
58	72.7	55.4	83.2

Manual Integrations
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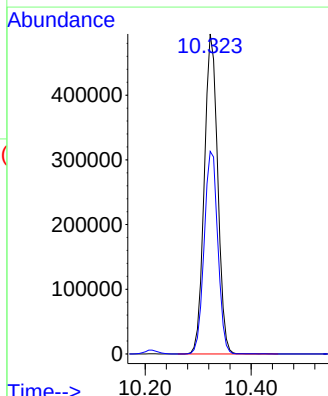
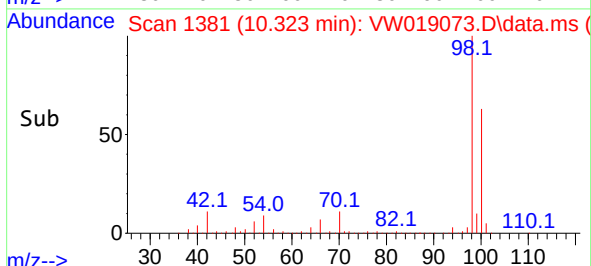


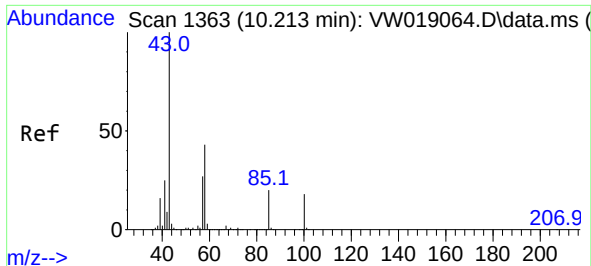
#50
Toluene-d8
Concen: 49.05 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion: 98 Resp: 866406

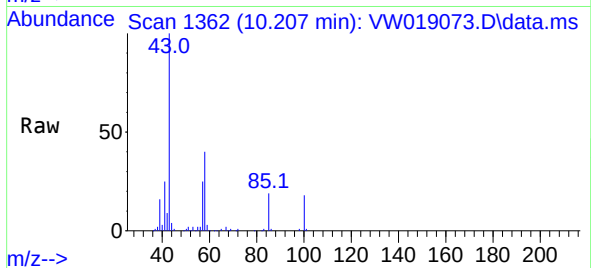
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 24.07 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

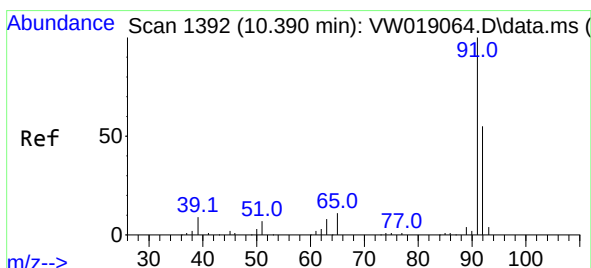
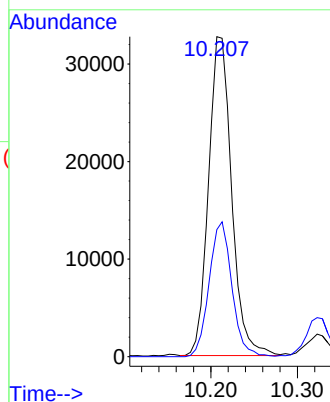
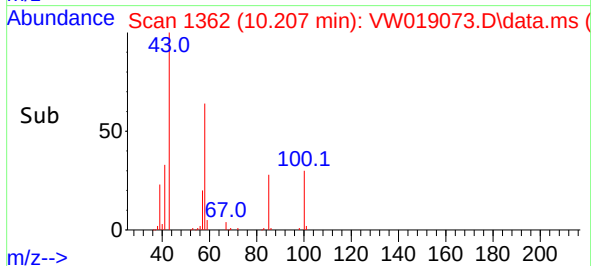
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



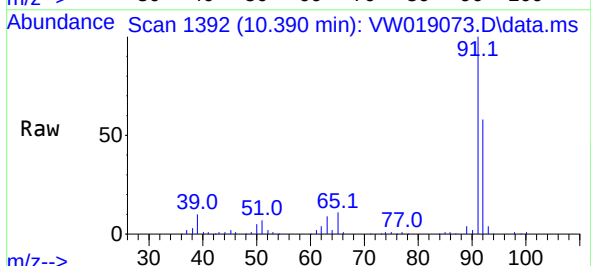
Tgt Ion: 43 Resp: 60586
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.4

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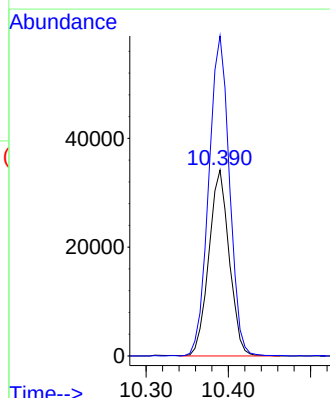
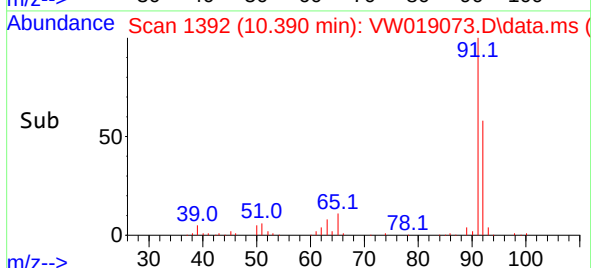
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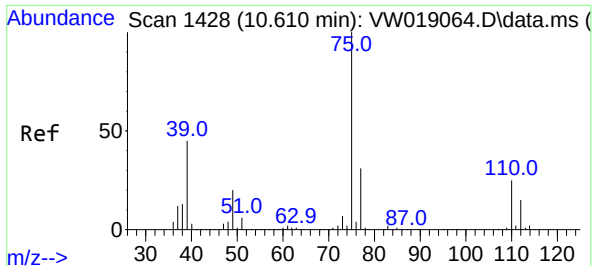


#52
Toluene
Concen: 4.77 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion: 92 Resp: 58919
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0





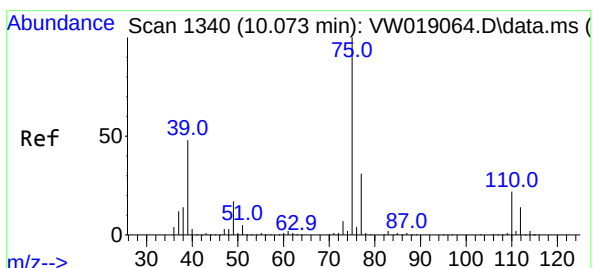
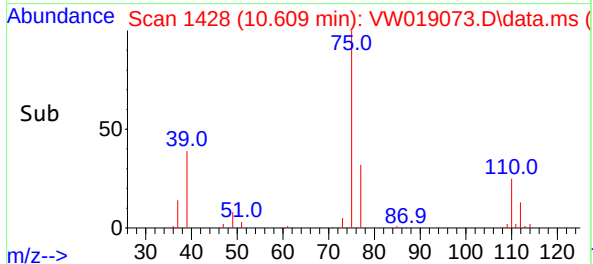
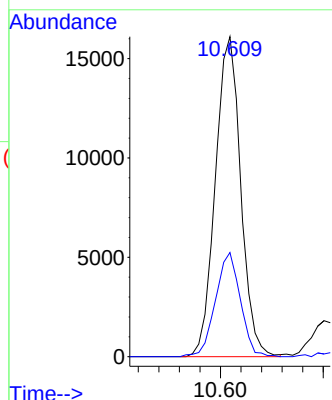
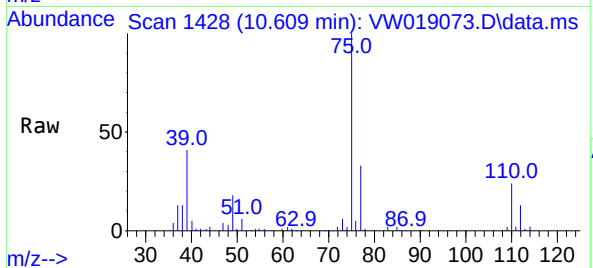
#53
t-1,3-Dichloropropene
Concen: 4.40 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 75 Resp: 27601
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2

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

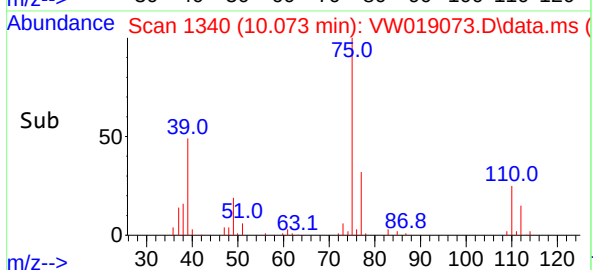
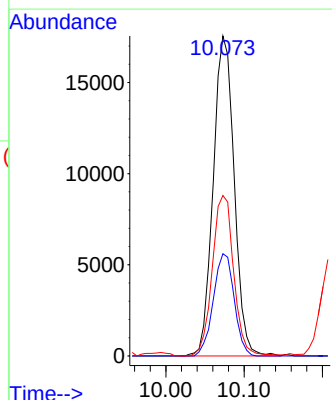
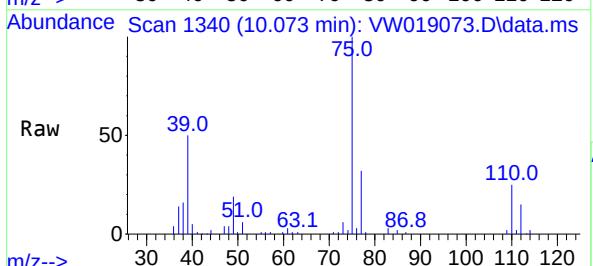
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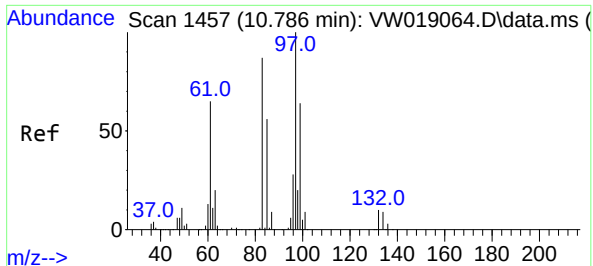
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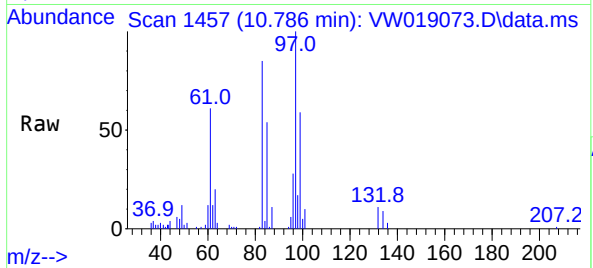
#54
cis-1,3-Dichloropropene
Concen: 4.39 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 75 Resp: 32708
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 50.2 36.9 55.3

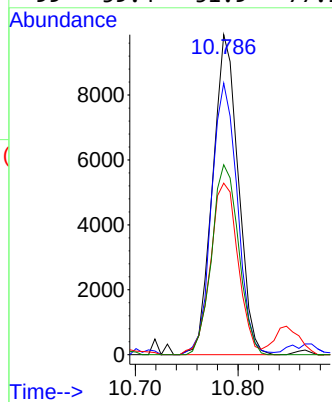




#55
1,1,2-Trichloroethane
Concen: 4.90 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



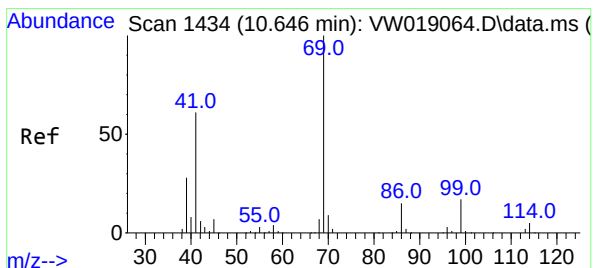
Tgt Ion:	97	Resp:	16986
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.6	106.0
85	53.6	45.8	68.6
99	59.4	51.9	77.9



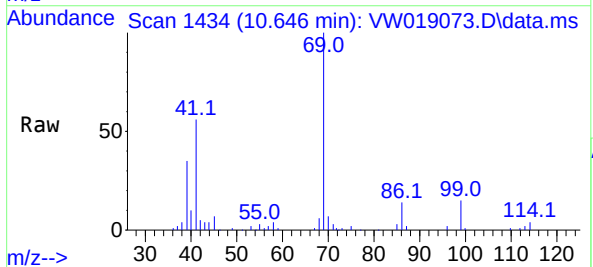
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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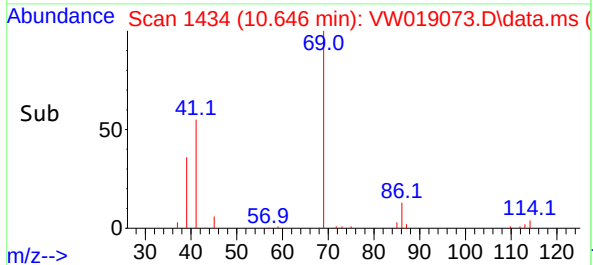
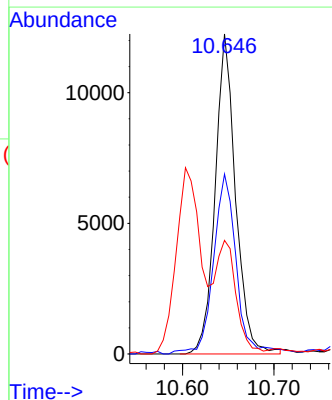
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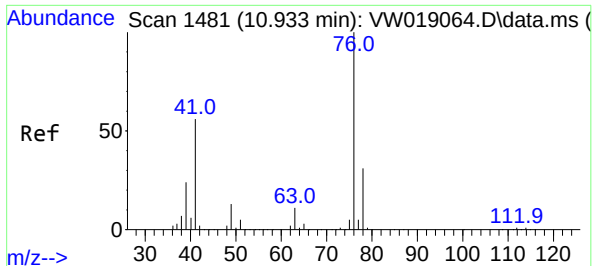


#56
Ethyl methacrylate
Concen: 4.38 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



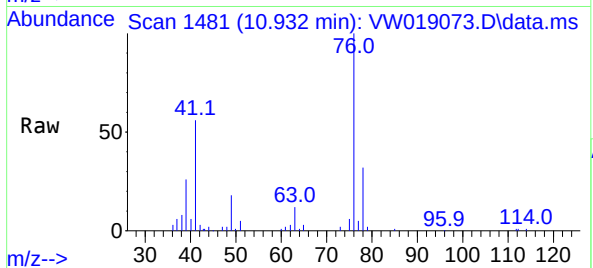
Tgt Ion:	69	Resp:	19008
Ion	Ratio	Lower	Upper
69	100		
41	63.1	48.7	73.1
39	35.7	29.0	43.4





#57
1,3-Dichloropropane
Concen: 4.91 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

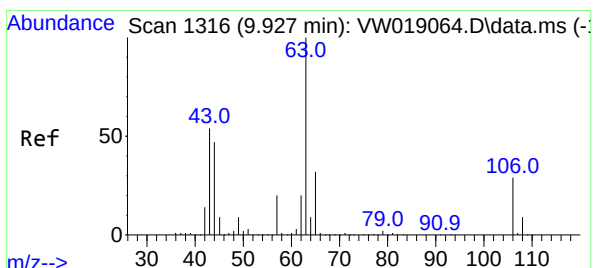
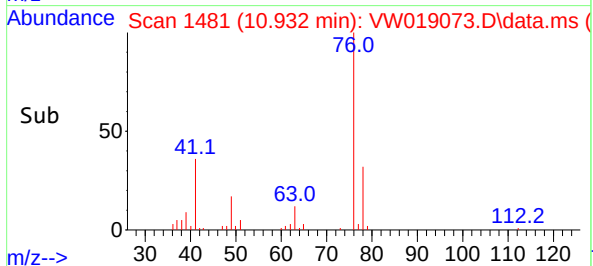
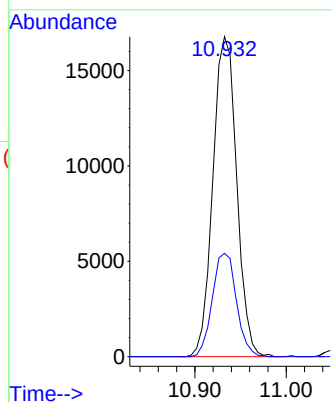
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 76 Resp: 30352
Ion Ratio Lower Upper
76 100
78 32.7 25.5 38.3

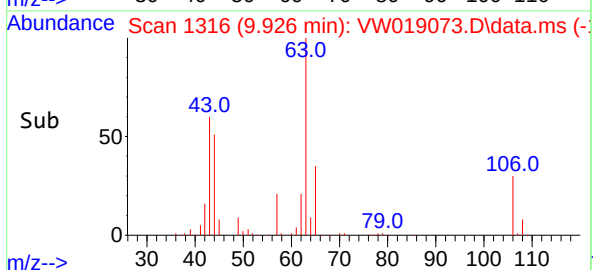
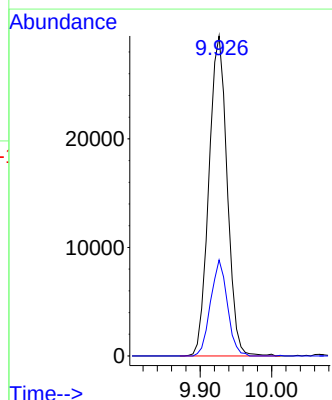
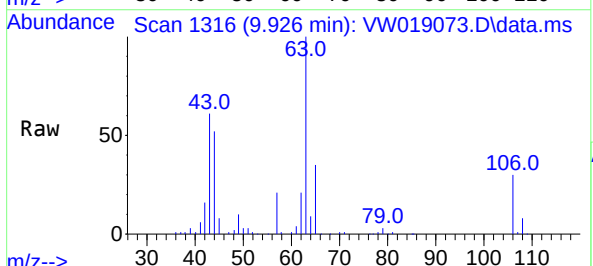
Manual Integrations
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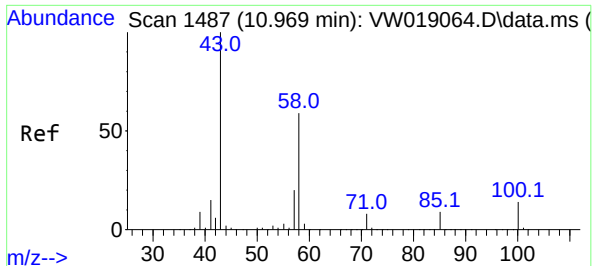
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#58
2-Chloroethyl Vinyl ether
Concen: 23.82 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 63 Resp: 52263
Ion Ratio Lower Upper
63 100
106 27.6 22.3 33.5





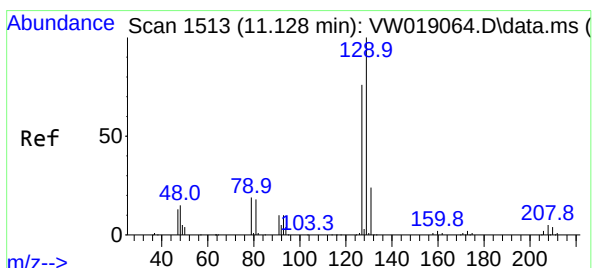
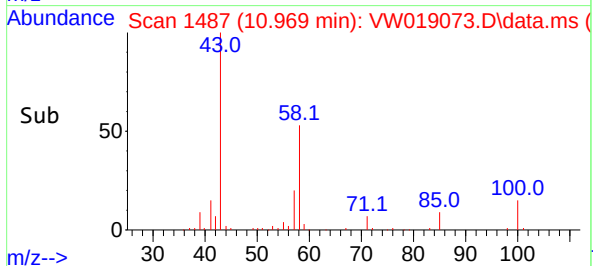
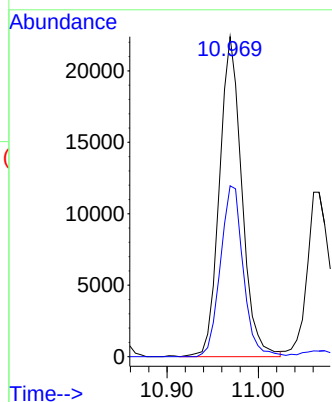
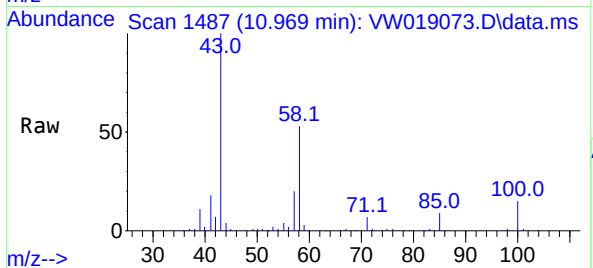
#59
2-Hexanone
Concen: 22.54 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 43 Resp: 38165
Ion Ratio Lower Upper
43 100
58 54.3 29.0 87.1

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

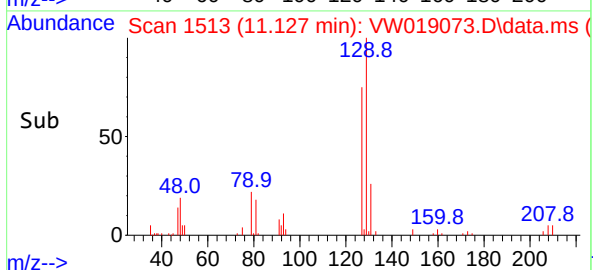
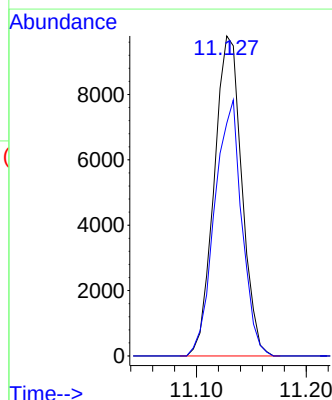
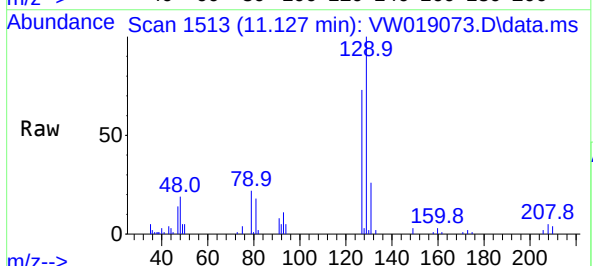
Manual Integrations
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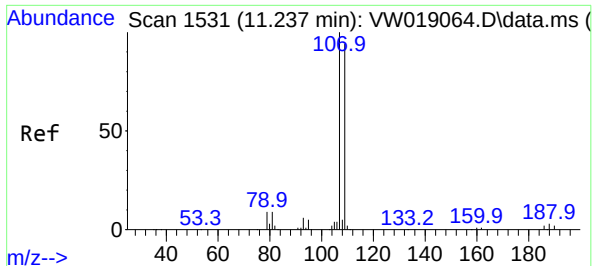
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#60
Dibromochloromethane
Concen: 4.43 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

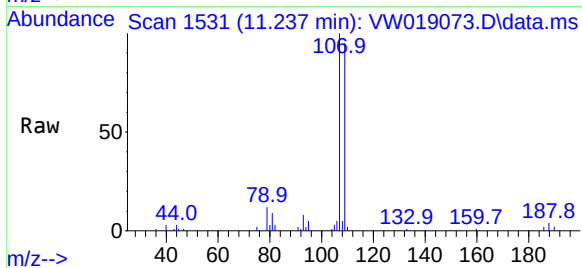
Tgt Ion: 129 Resp: 17153
Ion Ratio Lower Upper
129 100
127 78.9 38.2 114.6





#61
1,2-Dibromoethane
Concen: 4.94 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

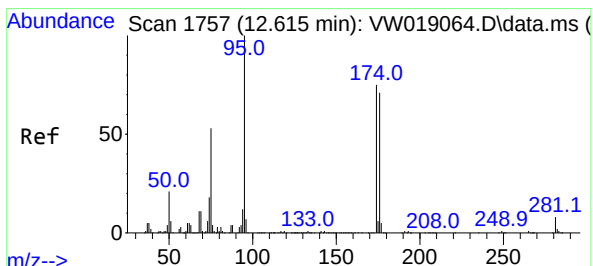
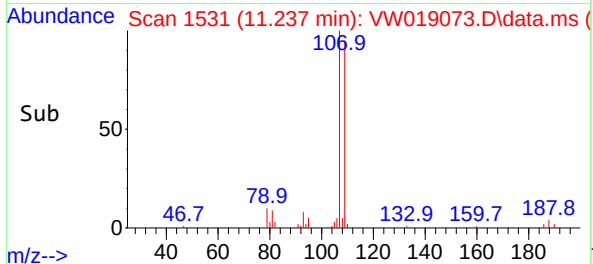
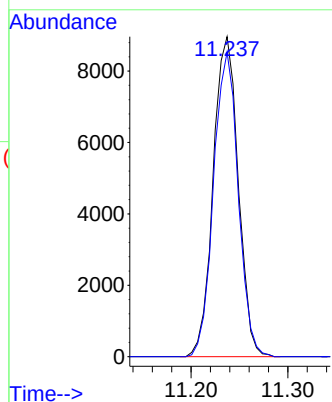
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



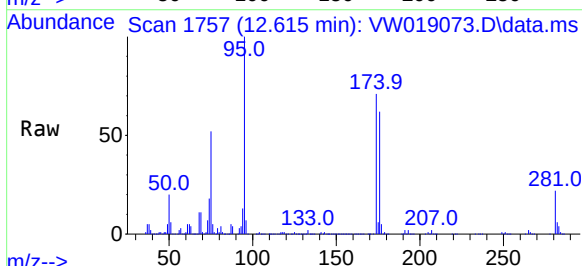
Tgt Ion:107 Resp: 16099
Ion Ratio Lower Upper
107 100
109 93.7 73.9 110.9

Manual Integrations
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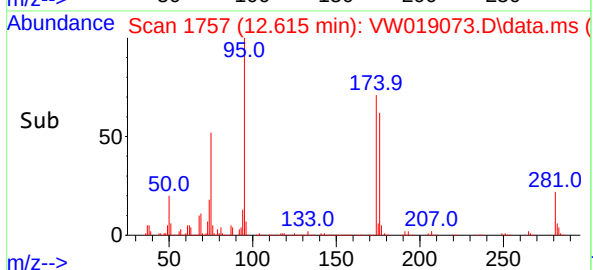
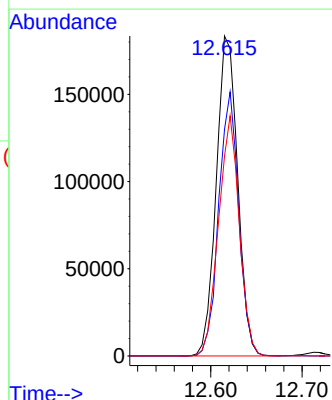
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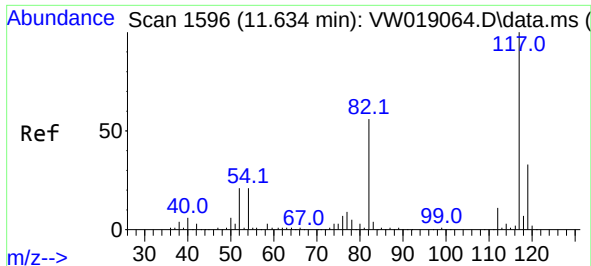


#62
4-Bromofluorobenzene
Concen: 47.90 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



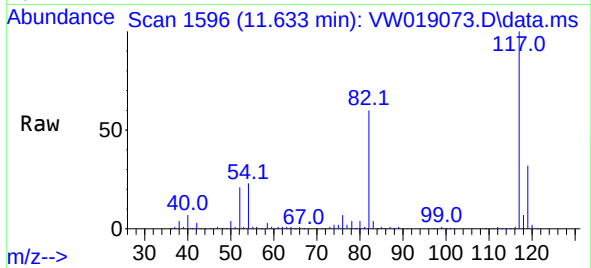
Tgt Ion: 95 Resp: 298460
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.2
176 73.0 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

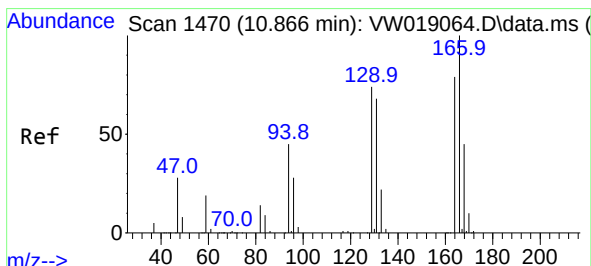
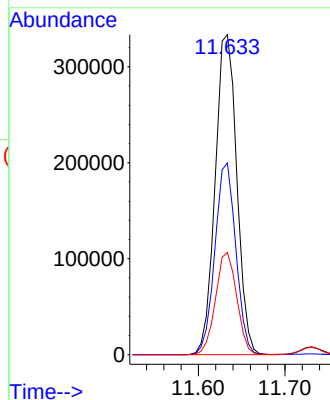
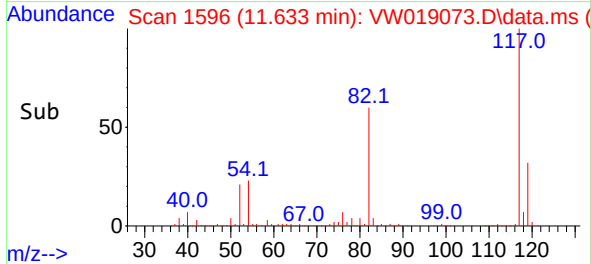
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



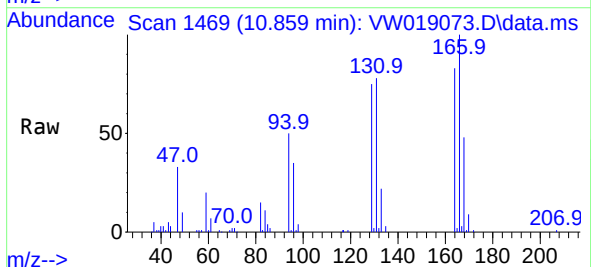
Tgt Ion:117 Resp: 579339
Ion Ratio Lower Upper
117 100
82 59.9 44.4 66.6
119 32.0 24.6 36.8

Manual Integrations
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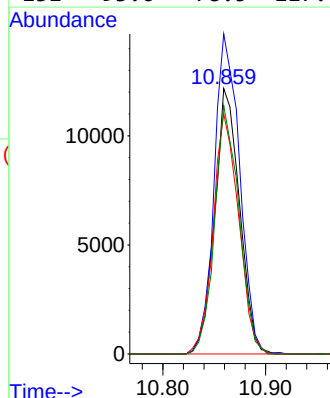
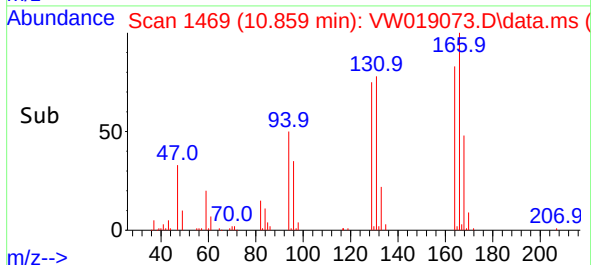
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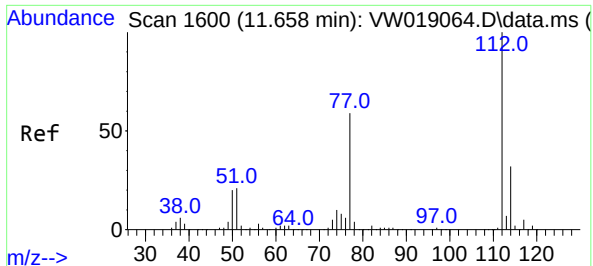


#64
Tetrachloroethene
Concen: 4.94 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



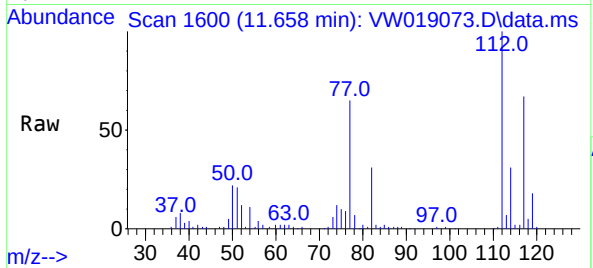
Tgt Ion:164 Resp: 20505
Ion Ratio Lower Upper
164 100
166 120.6 107.8 161.8
129 90.5 77.3 115.9
131 93.6 78.5 117.7





#65
Chlorobenzene
Concen: 4.65 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

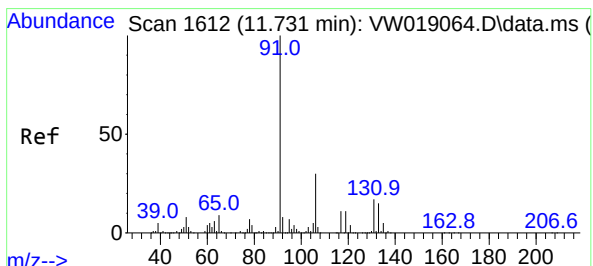
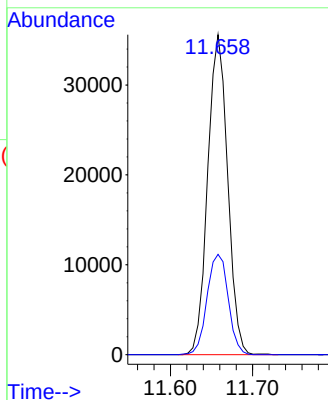
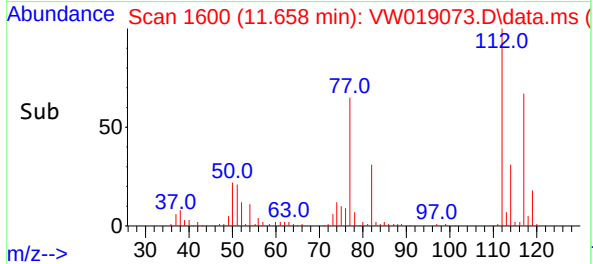
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



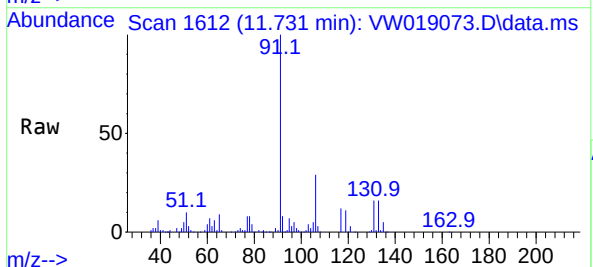
Tgt Ion:112 Resp: 59972
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6

Manual Integrations
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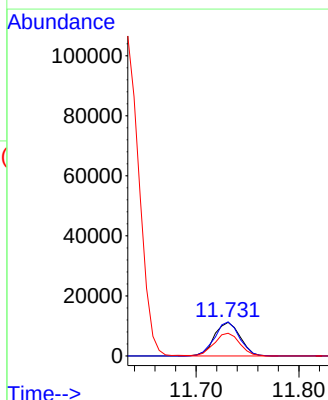
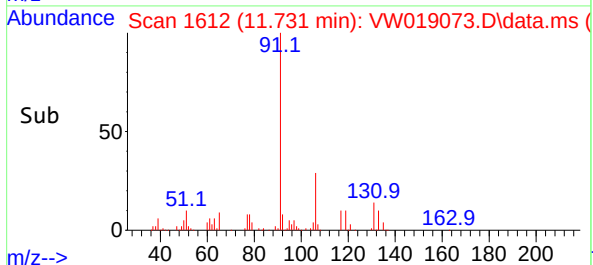
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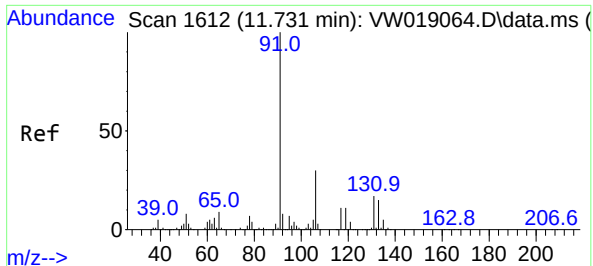


#66
1,1,1,2-Tetrachloroethane
Concen: 4.44 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



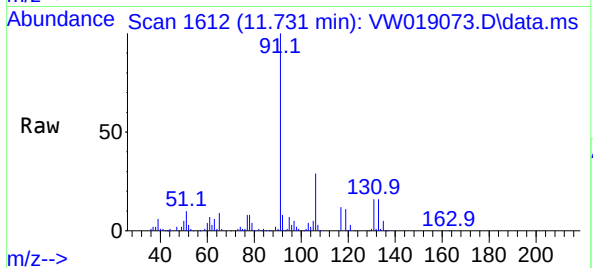
Tgt Ion:131 Resp: 19560
Ion Ratio Lower Upper
131 100
133 97.6 48.1 144.3
119 67.5 33.1 99.2





#67
Ethyl Benzene
Concen: 4.60 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

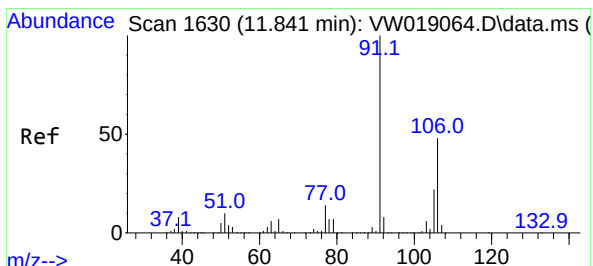
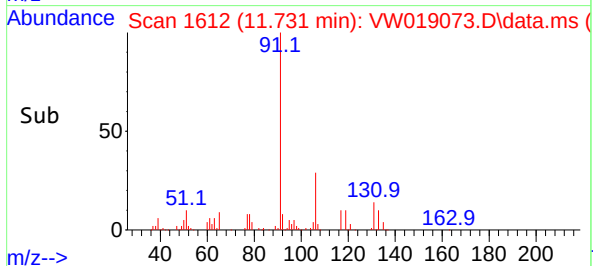
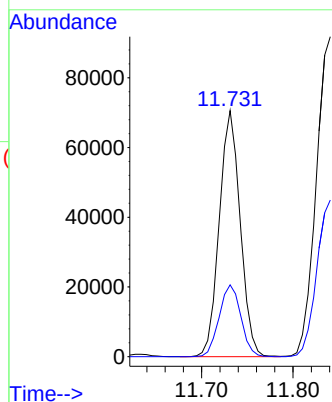
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 91 Resp: 112468
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0

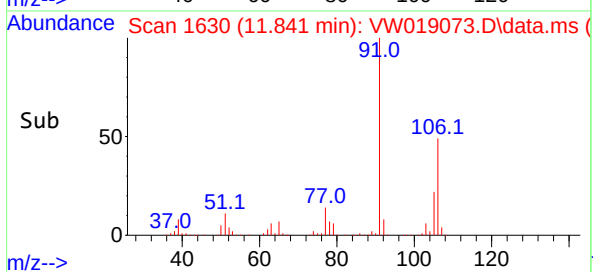
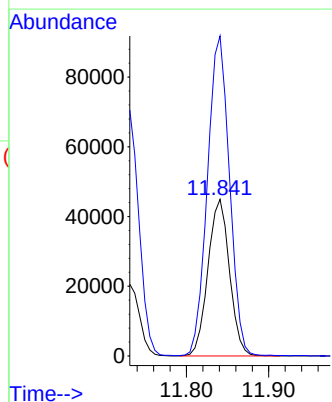
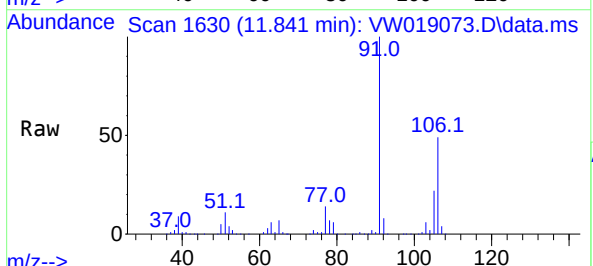
Manual Integrations
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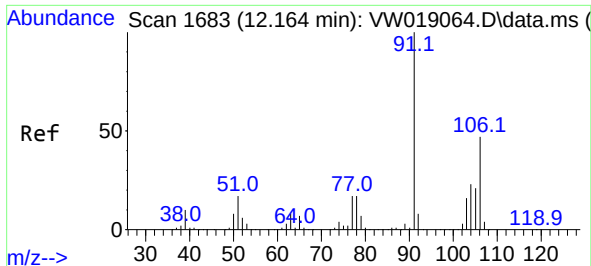
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#68
m/p-Xylenes
Concen: 9.12 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

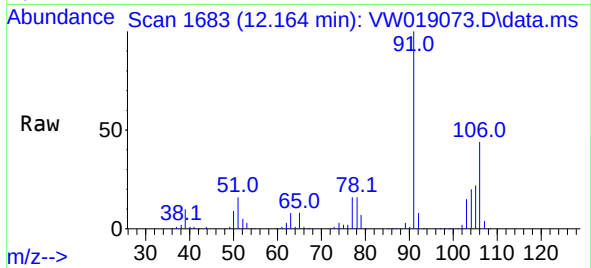
Tgt Ion: 106 Resp: 81730
Ion Ratio Lower Upper
106 100
91 209.1 164.2 246.2





#69
o-Xylene
Concen: 4.54 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

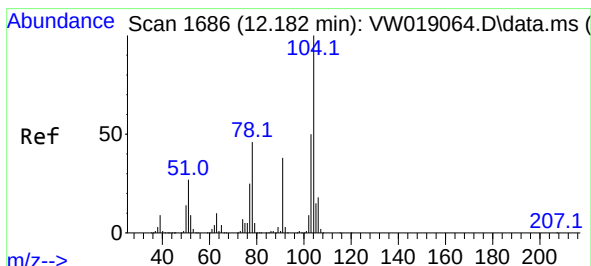
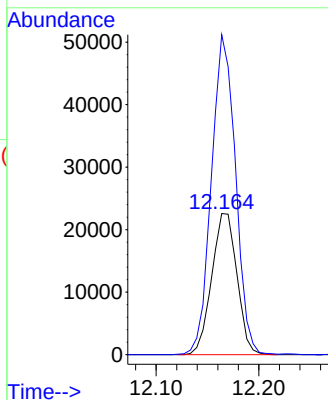
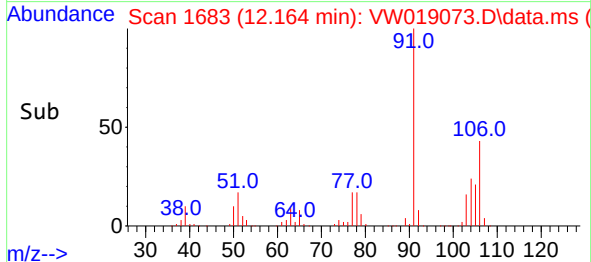
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



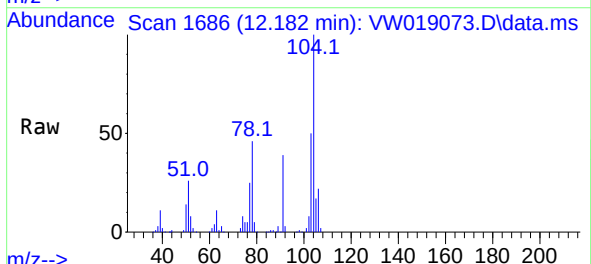
Tgt Ion:106 Resp: 38421
Ion Ratio Lower Upper
106 100
91 216.9 109.1 327.2

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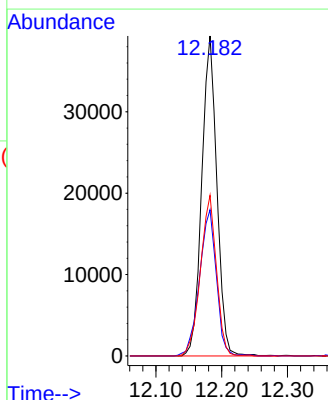
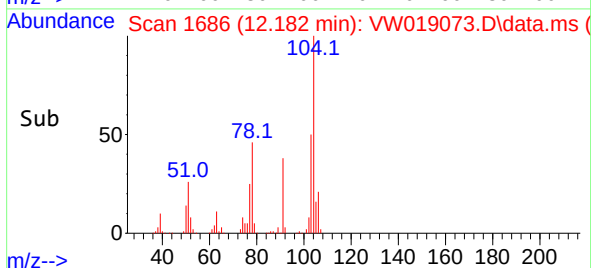
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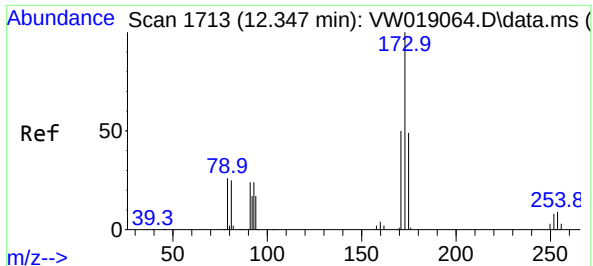


#70
Styrene
Concen: 4.45 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion:104 Resp: 62997
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 53.0 44.1 66.1





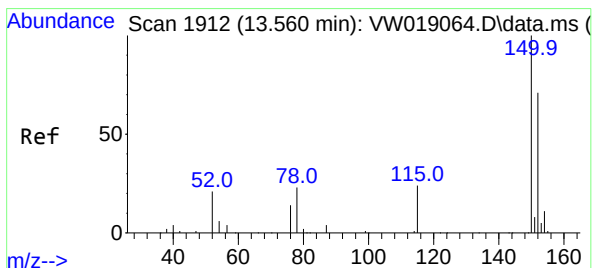
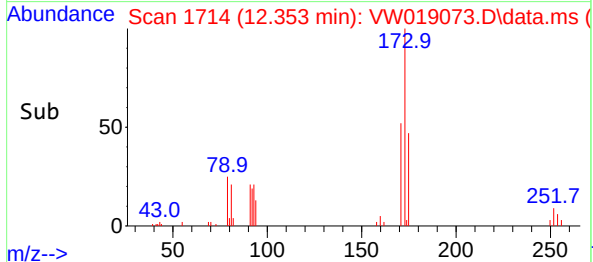
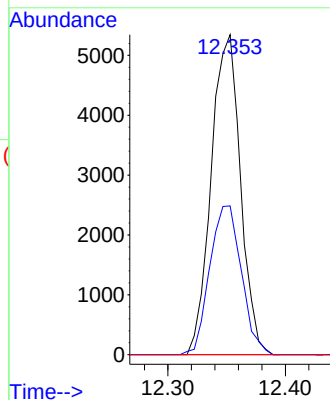
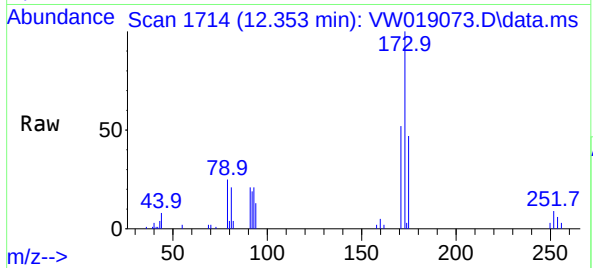
#71
Bromoform
Concen: 4.36 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:173 Resp: 9244
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.1 0.1#

Instrument :
MSVOA_W
ClientSampleId :
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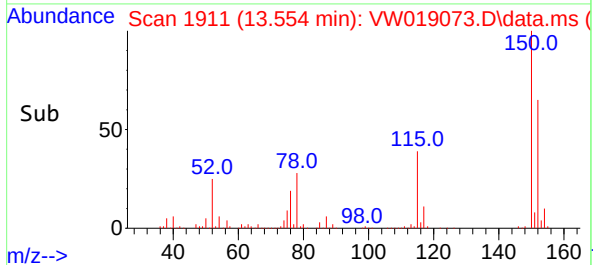
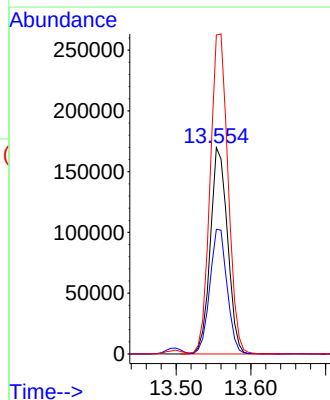
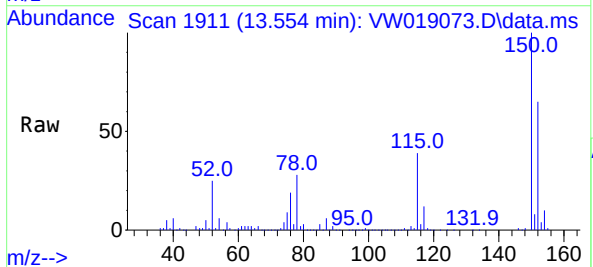
Manual Integrations
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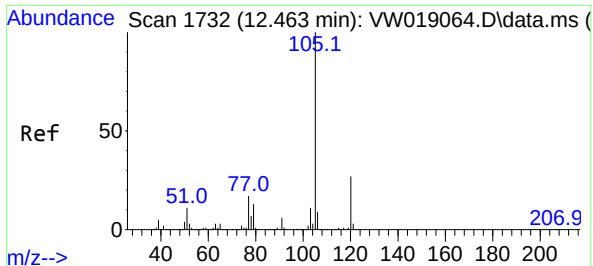
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:152 Resp: 271393
Ion Ratio Lower Upper
152 100
115 60.8 30.3 90.8
150 161.2 0.0 356.0





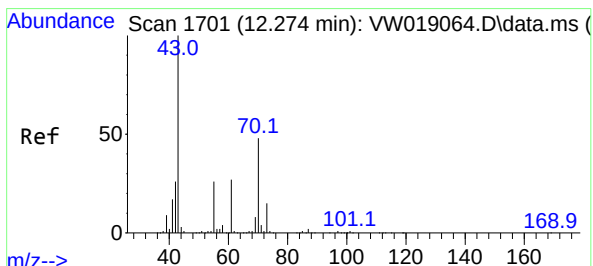
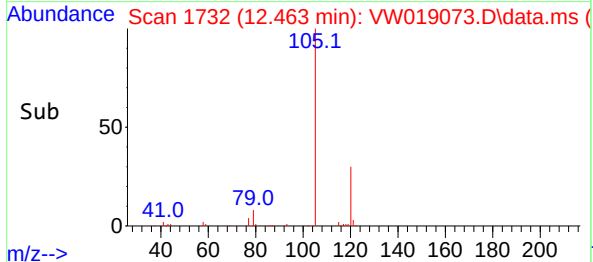
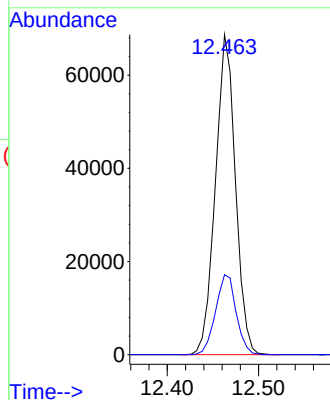
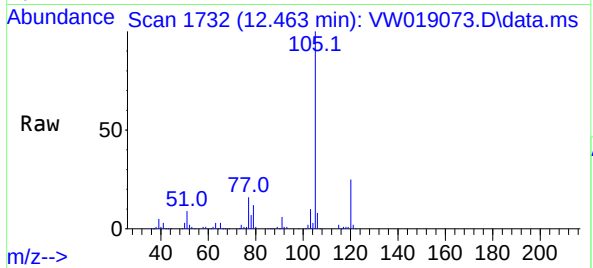
#73
Isopropylbenzene
Concen: 4.72 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 105 Resp: 104505
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

Instrument :
MSVOA_W
ClientSampleId :
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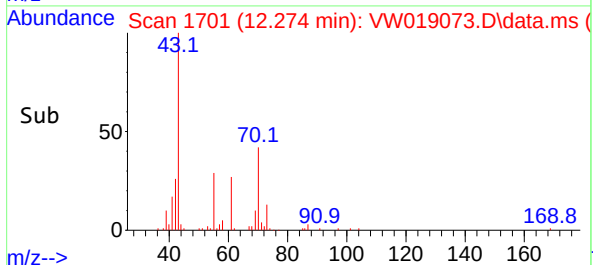
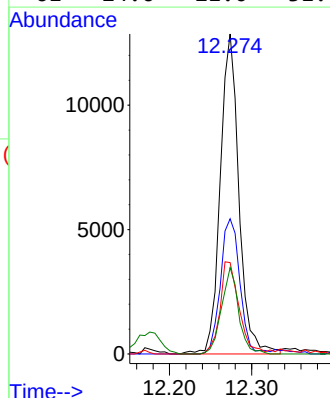
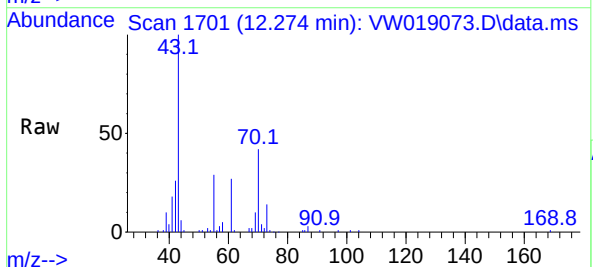
Manual Integrations
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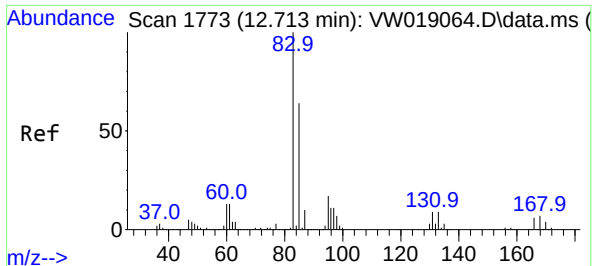
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#74
N-ethyl acetate
Concen: 4.57 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 43 Resp: 20315
Ion Ratio Lower Upper
43 100
70 43.8 38.4 57.6
55 29.2 21.6 32.4
61 24.6 21.0 31.4





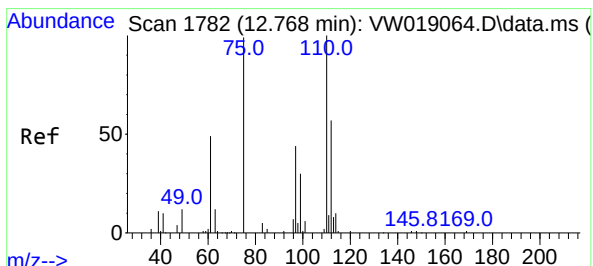
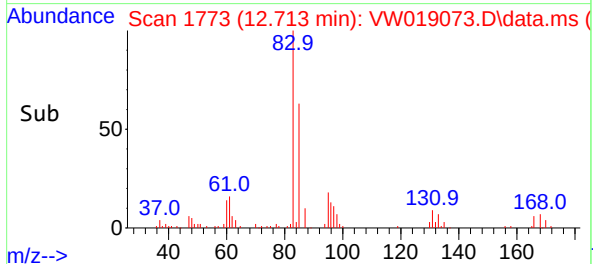
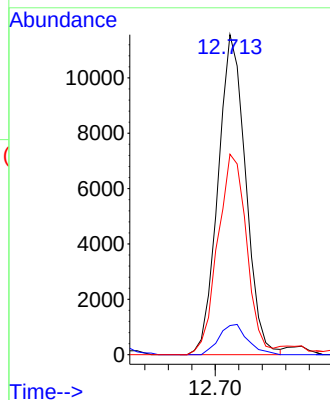
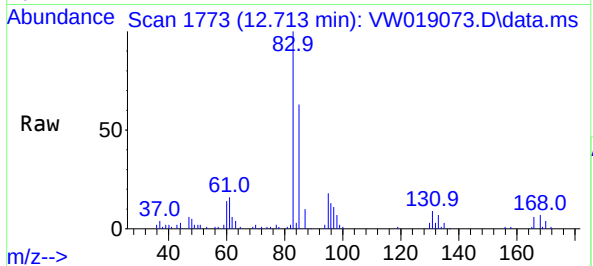
#75
1,1,2,2-Tetrachloroethane
Concen: 4.99 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 83 Resp: 18875
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 65.6 31.6 94.8

Instrument :
MSVOA_W
ClientSampleId :
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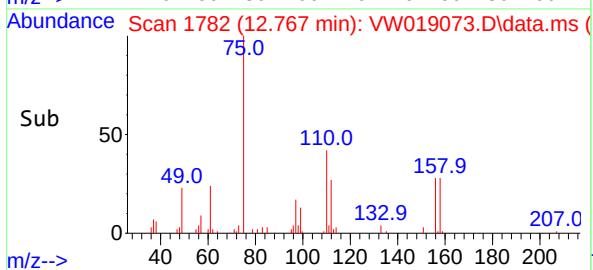
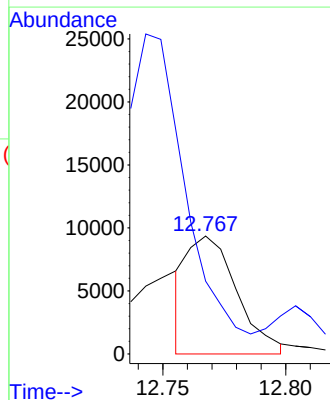
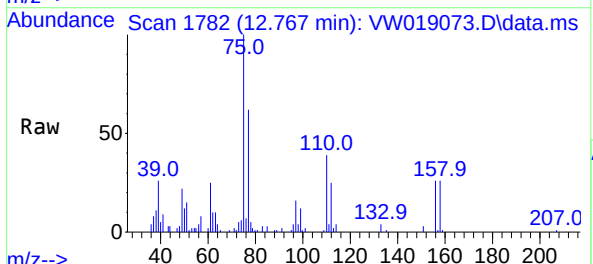
Manual Integrations
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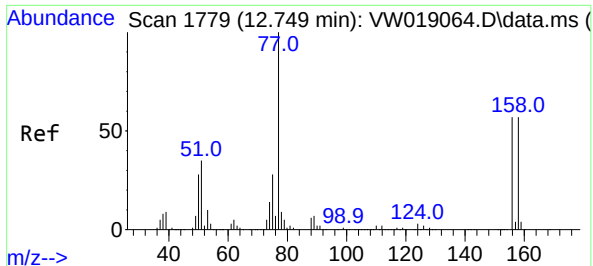
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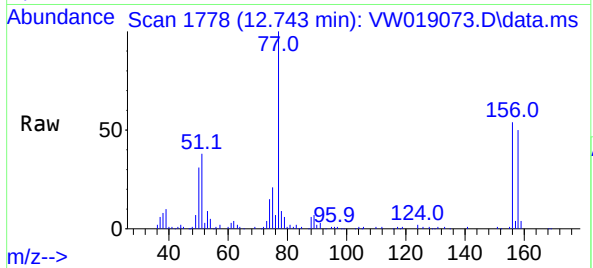
#76
1,2,3-Trichloropropane
Concen: 5.09 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion: 75 Resp: 13165
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

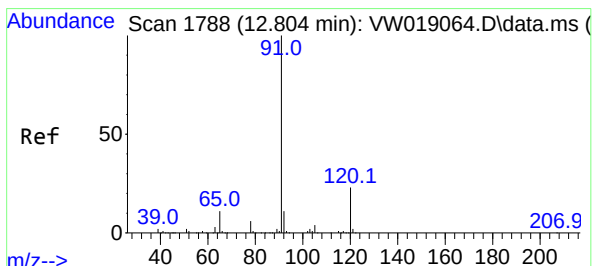
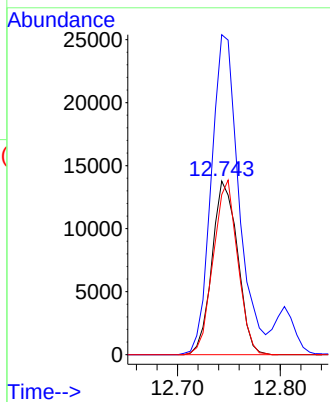
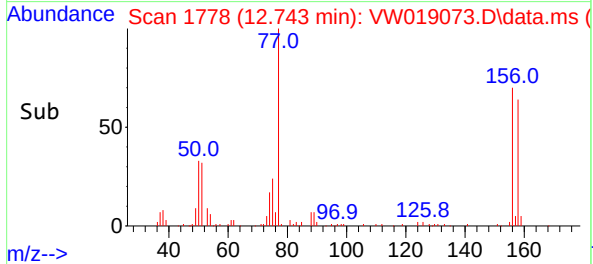




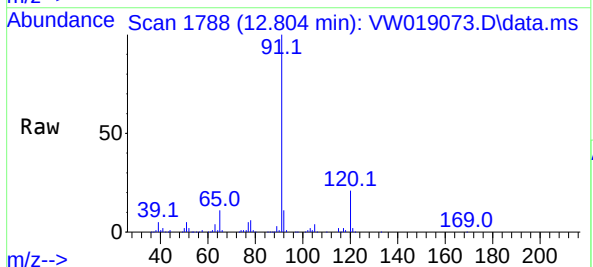
#77
Bromobenzene
Concen: 5.03 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



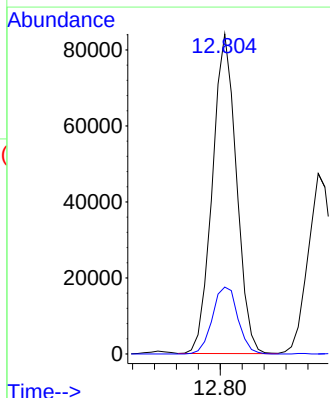
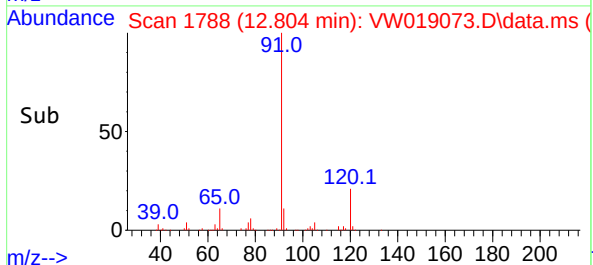
Tgt Ion:156 Resp: 23795
Ion Ratio Lower Upper
156 100
77 198.9 96.7 290.0
158 95.8 48.4 145.3



#78
n-propylbenzene
Concen: 4.67 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



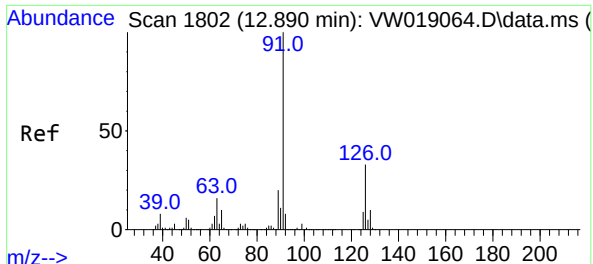
Tgt Ion: 91 Resp: 128165
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3



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

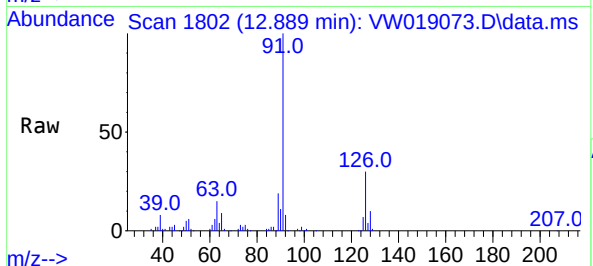
Manual Integrations
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#79
2-Chlorotoluene
Concen: 4.86 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

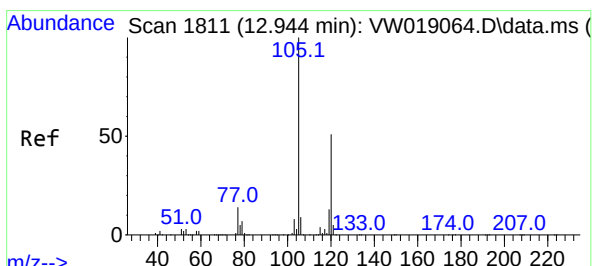
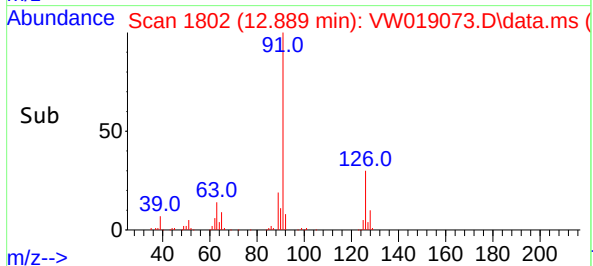
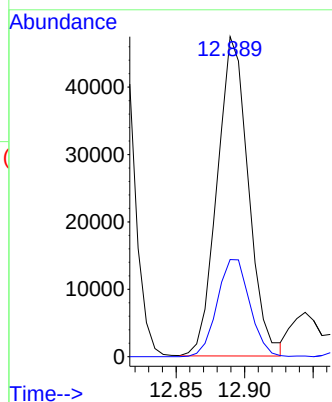
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



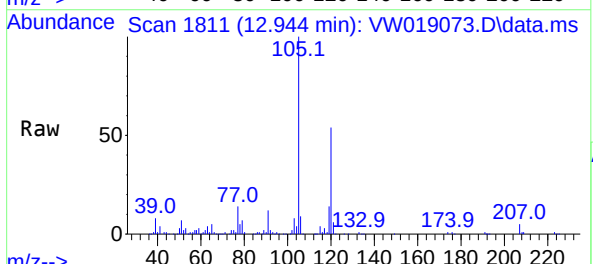
Tgt Ion: 91 Resp: 75142
Ion Ratio Lower Upper
91 100
126 31.9 16.5 49.5

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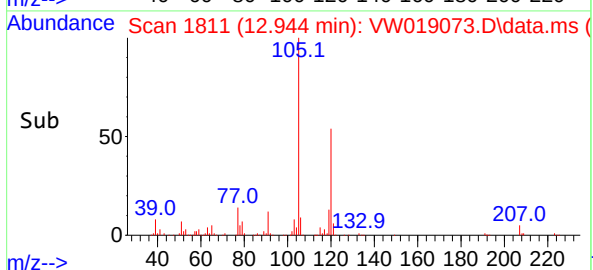
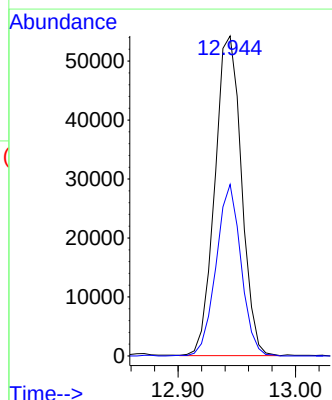
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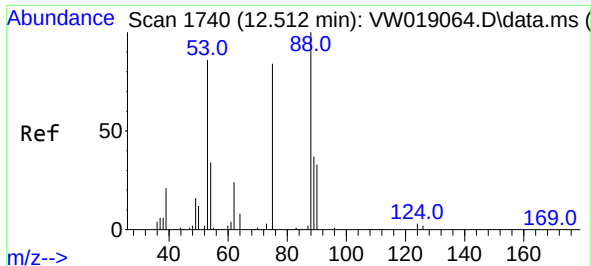


#80
1,3,5-Trimethylbenzene
Concen: 4.57 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



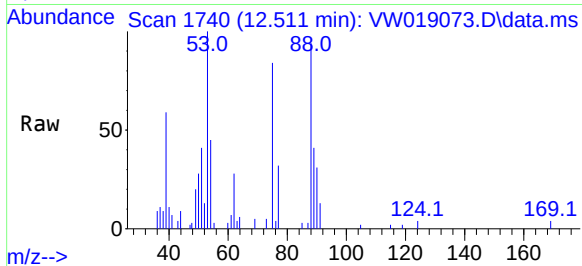
Tgt Ion: 105 Resp: 85254
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.19 ug/l
RT: 12.511 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

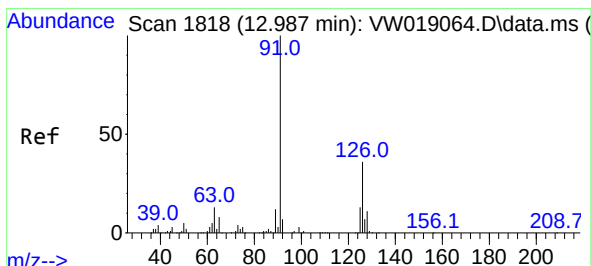
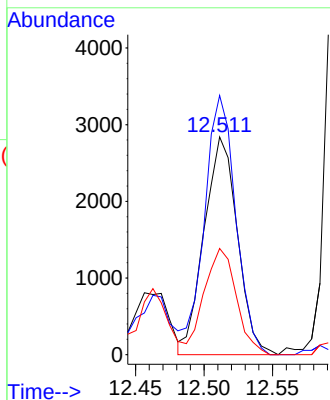
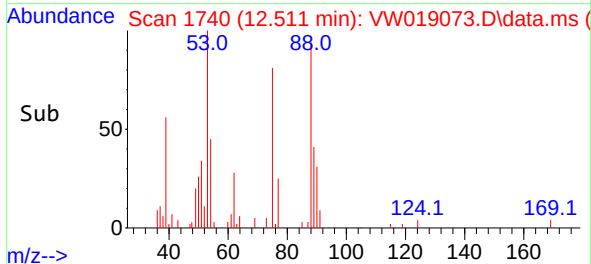
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



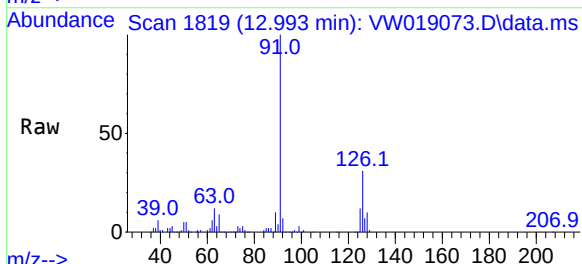
Tgt Ion:	75	Resp:	4800
Ion	Ratio	Lower	Upper
75	100		
53	112.1	81.5	122.3
89	46.8	36.3	54.5

Manual Integrations
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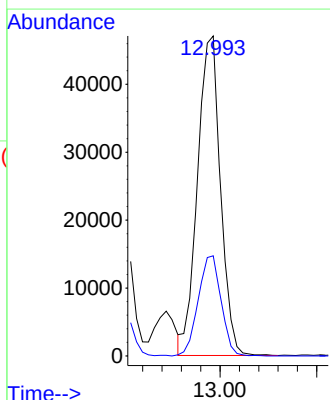
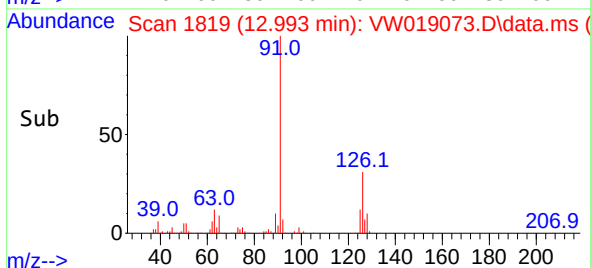
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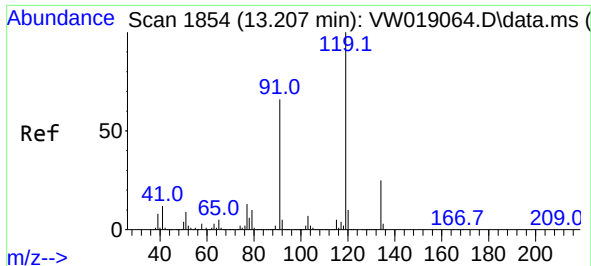


#82
4-Chlorotoluene
Concen: 4.77 ug/l
RT: 12.993 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



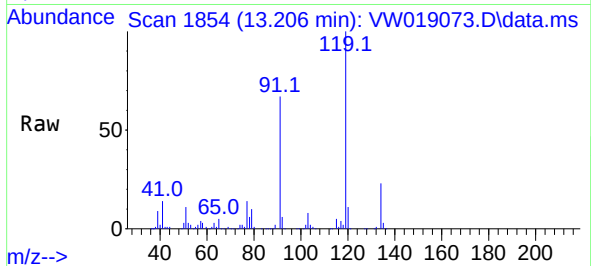
Tgt Ion:	91	Resp:	77712
Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.1	48.2





#83
tert-Butylbenzene
Concen: 4.61 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

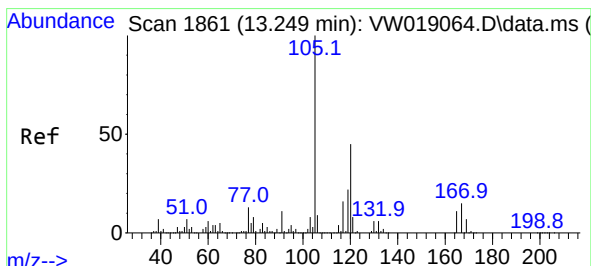
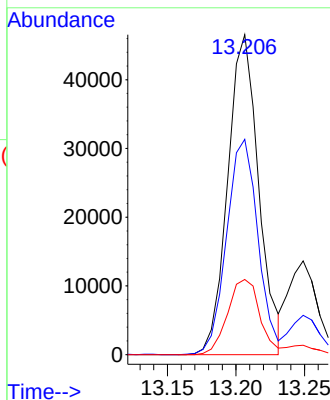
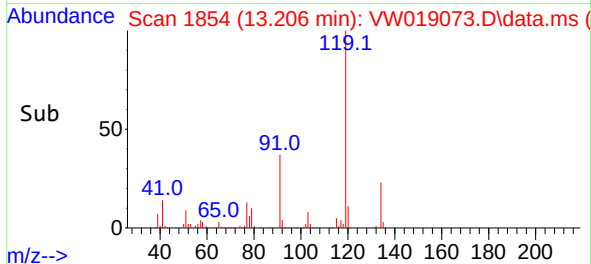
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



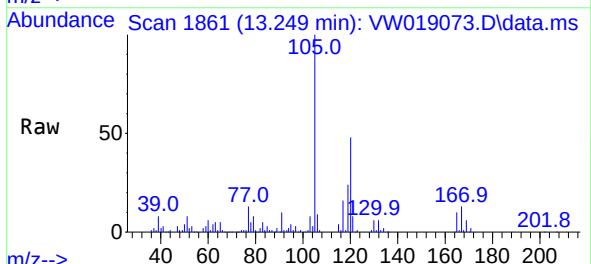
Tgt Ion:119 Resp: 73354
Ion Ratio Lower Upper
119 100
91 67.9 34.0 102.0
134 24.8 13.0 38.9

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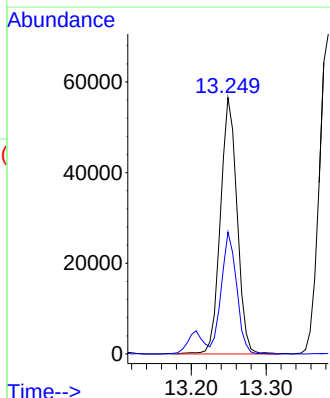
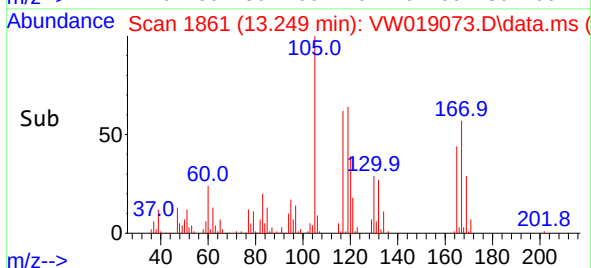
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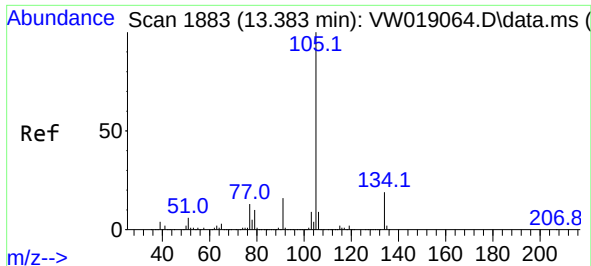


#84
1,2,4-Trimethylbenzene
Concen: 4.71 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



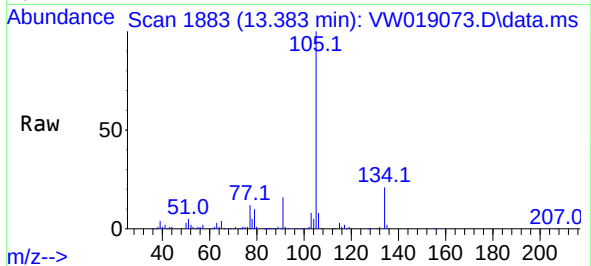
Tgt Ion:105 Resp: 87772
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.0





#85
sec-Butylbenzene
Concen: 4.60 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

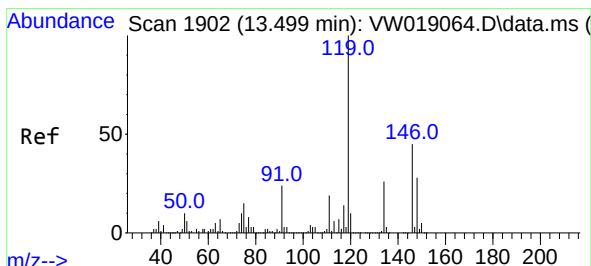
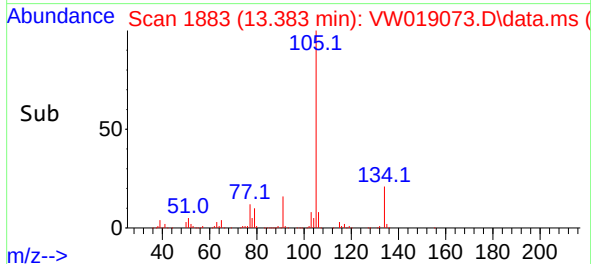
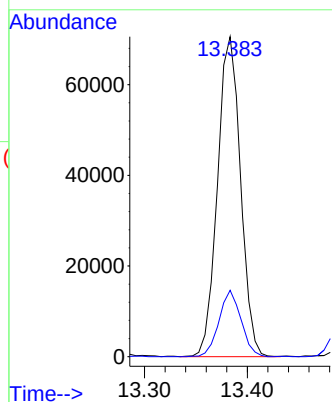
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:105 Resp: 109838
Ion Ratio Lower Upper
105 100
134 19.9 10.1 30.1

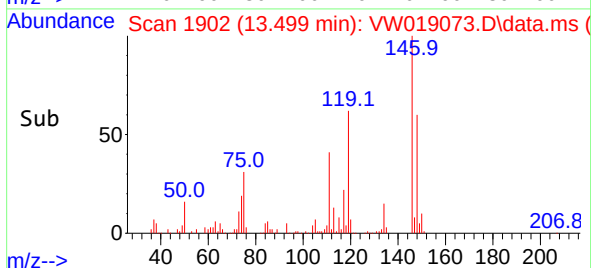
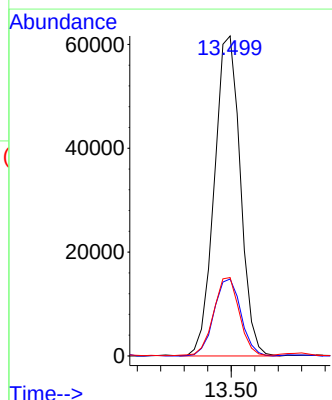
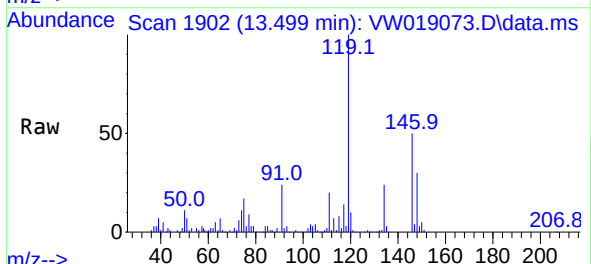
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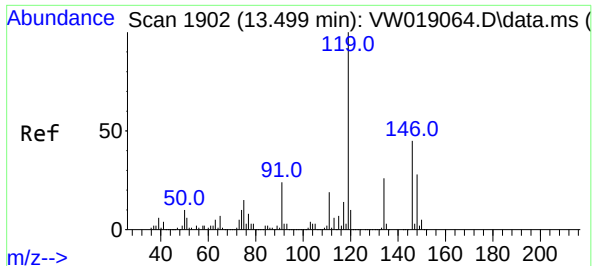
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#86
p-Isopropyltoluene
Concen: 4.65 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:119 Resp: 94574
Ion Ratio Lower Upper
119 100
134 24.9 12.8 38.3
91 24.2 12.1 36.3





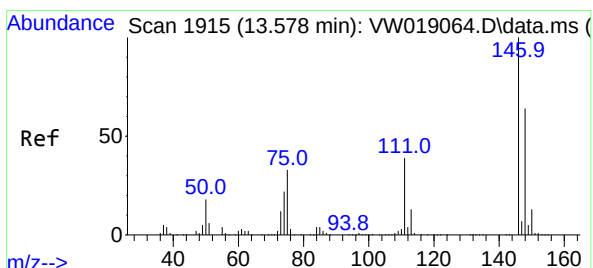
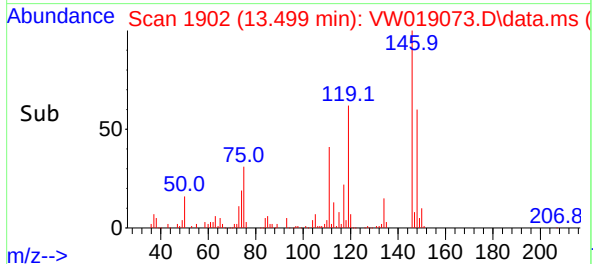
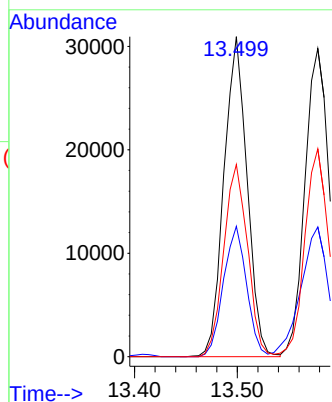
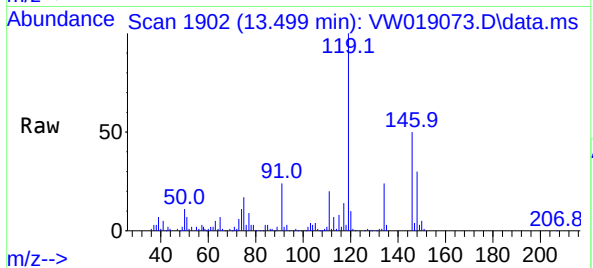
#87
1,3-Dichlorobenzene
Concen: 4.94 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	146	Resp:	48380
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.7	62.1
148	61.8	31.8	95.3

Instrument :
MSVOA_W
ClientSampleId :
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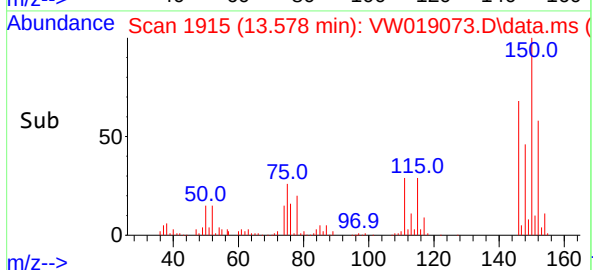
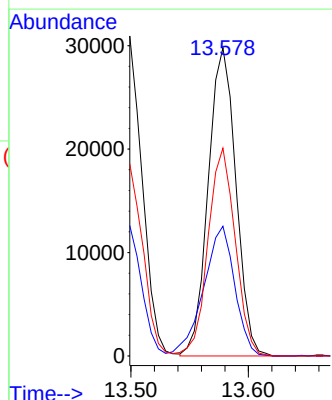
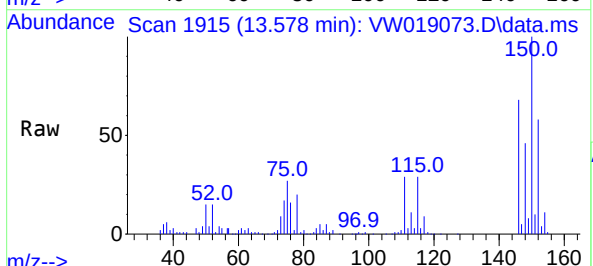
Manual Integrations
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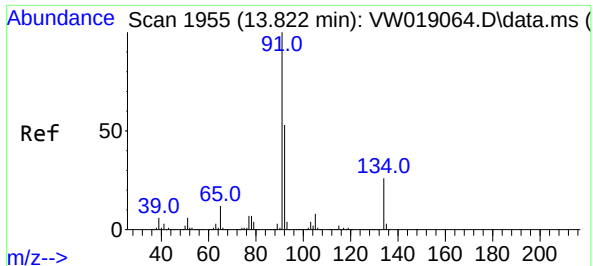
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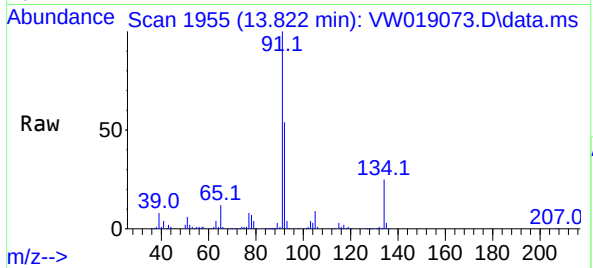
#88
1,4-Dichlorobenzene
Concen: 5.06 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	146	Resp:	48864
Ion Ratio	Lower	Upper	
146	100		
111	47.4	20.1	60.3
148	66.4	32.4	97.2

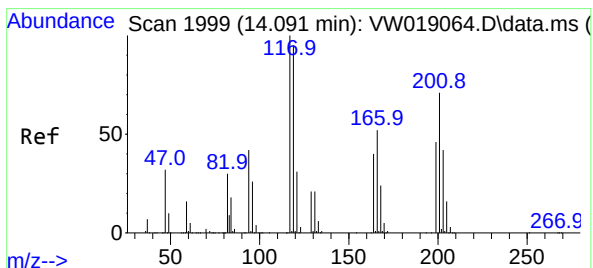
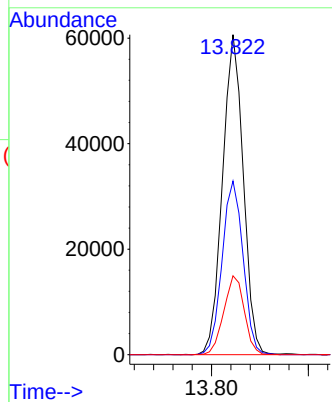
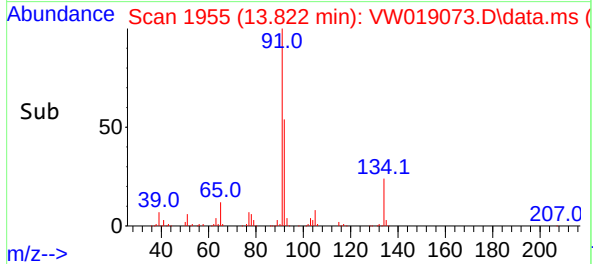




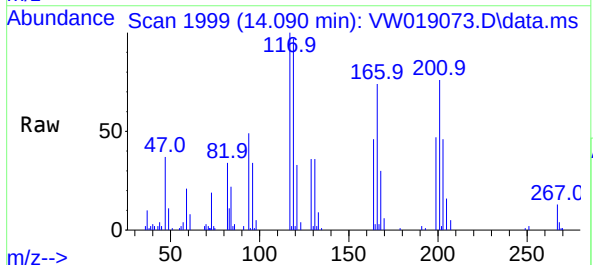
#89
n-Butylbenzene
Concen: 4.44 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



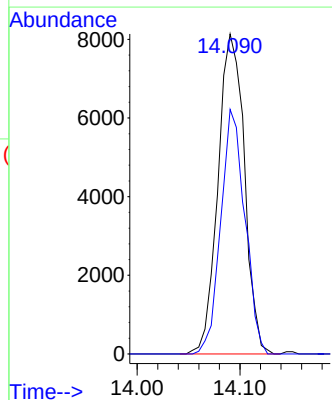
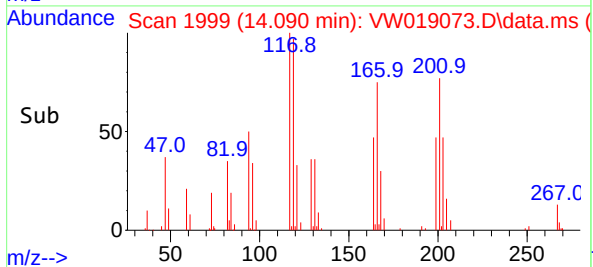
Tgt Ion: 91 Resp: 90349
Ion Ratio Lower Upper
91 100
92 54.9 26.6 79.8
134 24.3 12.7 38.0



#90
Hexachloroethane
Concen: 4.50 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



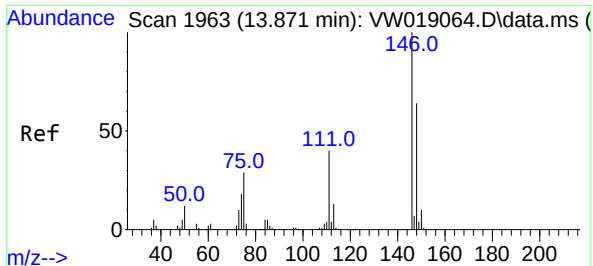
Tgt Ion: 117 Resp: 14469
Ion Ratio Lower Upper
117 100
201 70.1 38.4 115.2



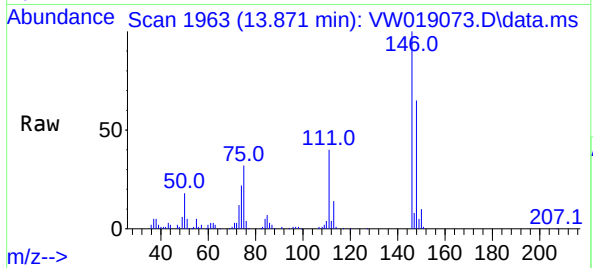
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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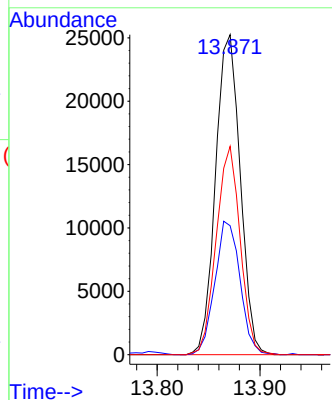
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#91
1,2-Dichlorobenzene
Concen: 4.94 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



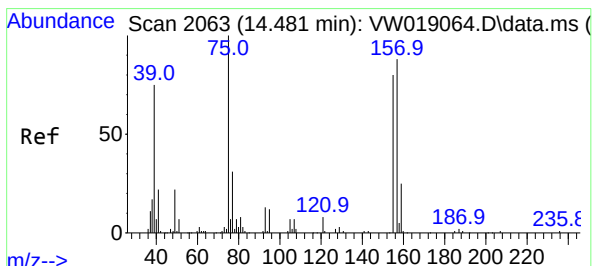
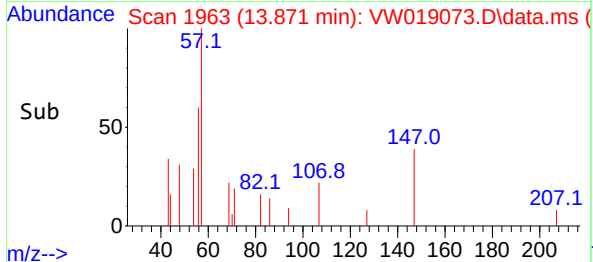
Tgt Ion:	146	Resp:	42117
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.1	63.1
148	63.2	32.6	97.7



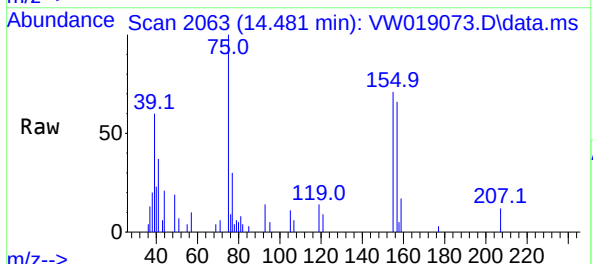
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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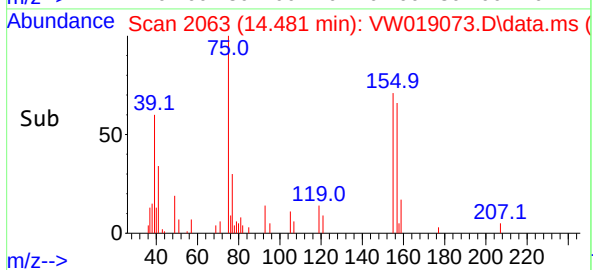
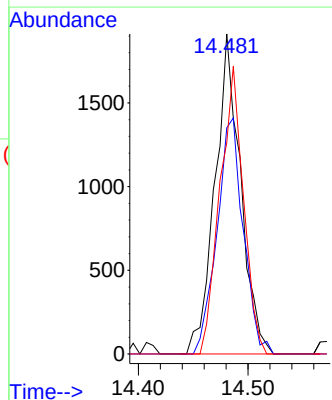
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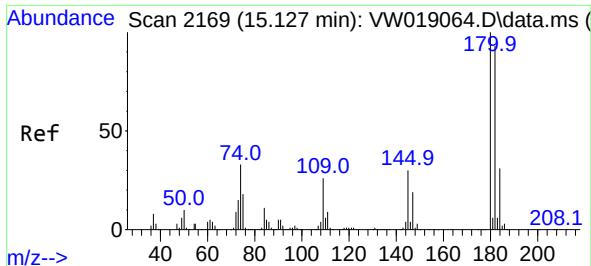


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.17 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



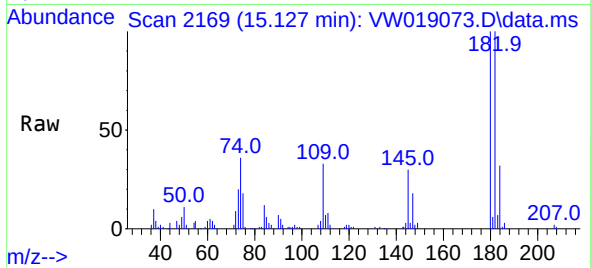
Tgt Ion:	75	Resp:	3105
Ion Ratio	Lower	Upper	
75	100		
155	75.9	41.3	124.1
157	82.5	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 4.54 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

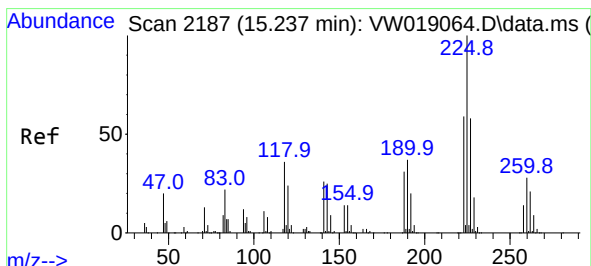
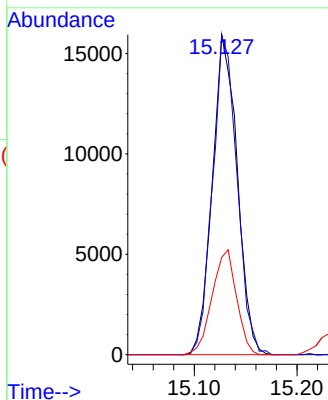
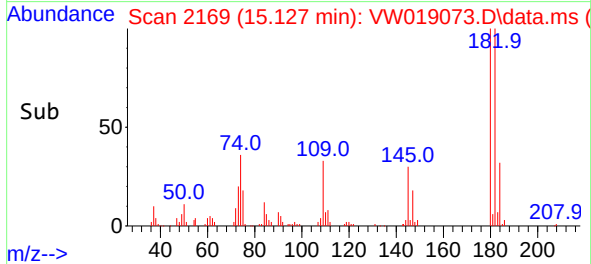
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



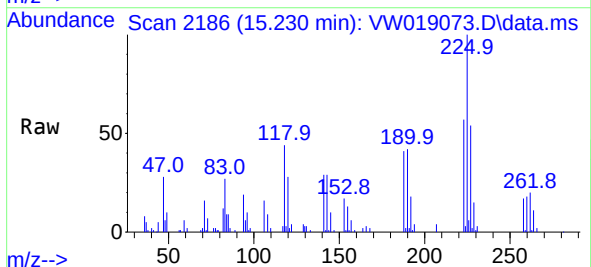
Tgt Ion:180 Resp: 26771
Ion Ratio Lower Upper
180 100
182 97.9 48.9 146.7
145 32.2 15.4 46.1

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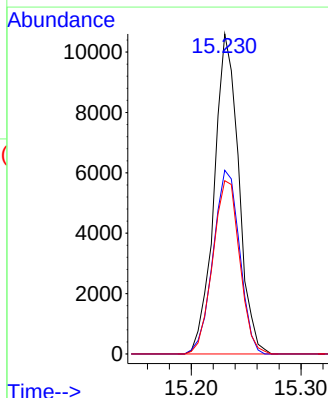
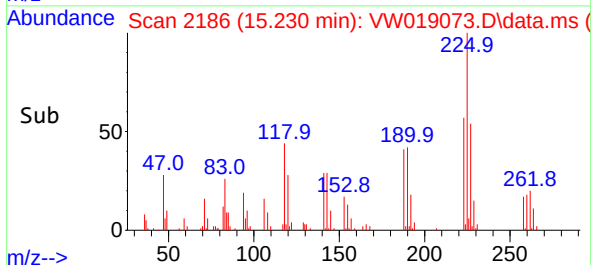
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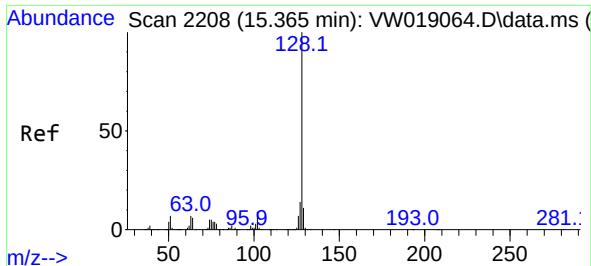


#94
Hexachlorobutadiene
Concen: 4.96 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45



Tgt Ion:225 Resp: 16505
Ion Ratio Lower Upper
225 100
223 61.8 29.6 88.8
227 59.2 30.4 91.3





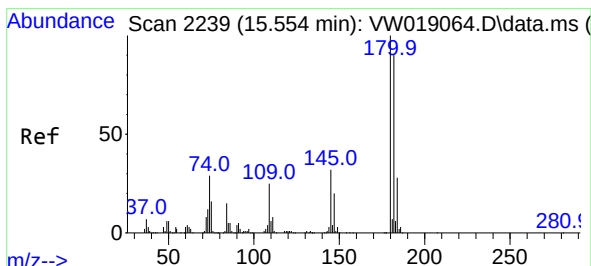
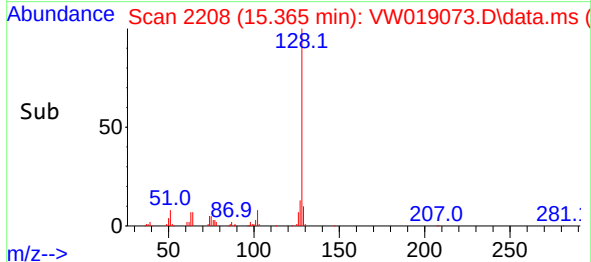
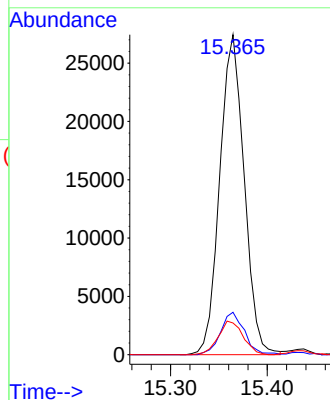
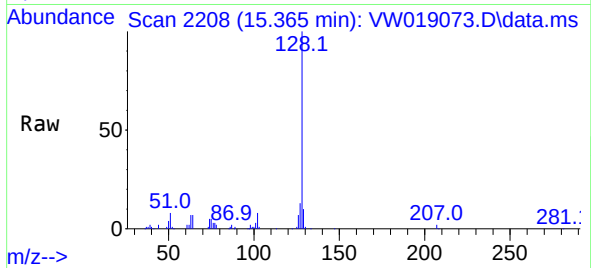
#95
Naphthalene
Concen: 4.65 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	128	Resp:	48085
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.7	8.5	12.7

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

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.54 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019073.D
Acq: 24 May 2021 18:45

Tgt Ion:	180	Resp:	22668
Ion Ratio	Lower	Upper	
180	100		
182	98.6	47.4	142.3
145	35.7	16.1	48.2

