

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019040.D
 Acq On : 19 May 2021 18:53
 Operator : SY/VA
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 6:00:23 PM

Quant Time: May 20 03:47:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	368320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	629598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	568950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	274594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	225176	59.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.88%	
35) Dibromofluoromethane	7.884	113	197418	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
50) Toluene-d8	10.323	98	794103	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.10%	
62) 4-Bromofluorobenzene	12.621	95	282073	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11892	4.80	ug/l	95
3) Chloromethane	2.209	50	14913	5.42	ug/l	98
4) Vinyl Chloride	2.361	62	20607	5.10	ug/l	97
5) Bromomethane	2.776	94	18324	5.41	ug/l	97
6) Chloroethane	2.928	64	13732	4.95	ug/l	99
7) Trichlorofluoromethane	3.251	101	9164	4.12	ug/l	86
8) Diethyl Ether	3.678	74	10565	5.46	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.074	101	18742	5.21	ug/l	99
10) Methyl Iodide	4.269	142	27149	5.14	ug/l	100
11) Tert butyl alcohol	5.190	59	9198	42.05	ug/l #	89
12) 1,1-Dichloroethene	4.050	96	18479	5.04	ug/l	84
13) Acrolein	3.897	56	6636	26.75	ug/l	99
14) Allyl chloride	4.665	41	23463	4.92	ug/l	95
15) Acrylonitrile	5.373	53	19642	27.08	ug/l	98
16) Acetone	4.129	43	18405	31.16	ug/l	96
17) Carbon Disulfide	4.391	76	47174	4.71	ug/l	97
18) Methyl Acetate	4.678	43	10147	5.84	ug/l	95
19) Methyl tert-butyl Ether	5.434	73	25021	5.43	ug/l	98
20) Methylene Chloride	4.915	84	58182	10.98	ug/l	93
21) trans-1,2-Dichloroethene	5.421	96	22719	5.42	ug/l	99
22) Diisopropyl ether	6.312	45	50705	5.22	ug/l #	94
23) Vinyl Acetate	6.257	43	157929	24.18	ug/l	97
24) 1,1-Dichloroethane	6.214	63	40866	5.44	ug/l	97
25) 2-Butanone	7.177	43	28356	29.23	ug/l	95
26) 2,2-Dichloropropane	7.165	77	23306	5.75	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	25519	5.49	ug/l	95
28) Bromochloromethane	7.519	49	16664	5.45	ug/l	100
29) Tetrahydrofuran	7.531	42	15317	27.00	ug/l	98
30) Chloroform	7.677	83	42346	5.54	ug/l	98
31) Cyclohexane	7.952	56	38615	6.14	ug/l #	77
32) 1,1,1-Trichloroethane	7.872	97	28628	5.04	ug/l	97
36) 1,1-Dichloropropene	8.086	75	31658	5.05	ug/l	99
37) Ethyl Acetate	7.250	43	13865	5.72	ug/l	98
38) Carbon Tetrachloride	8.067	117	26943	4.88	ug/l	97
39) Methylcyclohexane	9.335	83	33443	4.82	ug/l	98
40) Benzene	8.323	78	93396	5.33	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	6642	5.01	ug/l	96
42) 1,2-Dichloroethane	8.397	62	28248	5.44	ug/l	97
43) Isopropyl Acetate	8.427	43	23495	5.19	ug/l	97
44) Trichloroethene	9.092	130	23118	5.12	ug/l	93
45) 1,2-Dichloropropane	9.372	63	22381	5.28	ug/l	100
46) Dibromomethane	9.457	93	12026	5.22	ug/l	98
47) Bromodichloromethane	9.646	83	29288	5.12	ug/l #	99
48) Methyl methacrylate	9.439	41	10248	4.93	ug/l	95
49) 1,4-Dioxane	9.457	88	2440	93.00	ug/l #	72
51) 4-Methyl-2-Pentanone	10.207	43	63047	26.90	ug/l	100
52) Toluene	10.390	92	58441	5.26	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	27375	4.86	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	32808	4.89	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	17101	5.38	ug/l	98
56) Ethyl methacrylate	10.646	69	18860	4.72	ug/l	99
57) 1,3-Dichloropropane	10.933	76	30247	5.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	50152	24.27	ug/l	100
59) 2-Hexanone	10.969	43	38879	24.96	ug/l	99
60) Dibromochloromethane	11.128	129	17507	4.92	ug/l	99
61) 1,2-Dibromoethane	11.238	107	15976	5.22	ug/l	100
64) Tetrachloroethene	10.860	164	20543	5.56	ug/l #	86
65) Chlorobenzene	11.658	112	60323	5.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	19493	4.93	ug/l	97
67) Ethyl Benzene	11.731	91	109424	5.11	ug/l	97
68) m/p-Xylenes	11.841	106	79200	9.85	ug/l	94
69) o-Xylene	12.164	106	38522	5.14	ug/l	98
70) Styrene	12.176	104	62785	4.93	ug/l	99
71) Bromoform	12.353	173	9346	4.71	ug/l #	97
73) Isopropylbenzene	12.463	105	101404	5.04	ug/l	100
74) N-amyl acetate	12.274	43	20212	4.87	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	19631	5.45	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	15677m	6.05	ug/l	
77) Bromobenzene	12.743	156	23988	5.41	ug/l	97
78) n-propylbenzene	12.804	91	126371	5.14	ug/l	100
79) 2-Chlorotoluene	12.890	91	74283	5.30	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	86600	5.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4882	4.59	ug/l	89
82) 4-Chlorotoluene	12.987	91	76635	5.15	ug/l	98
83) tert-Butylbenzene	13.207	119	71683	4.98	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	86315	5.09	ug/l	99
85) sec-Butylbenzene	13.383	105	108224	5.07	ug/l	100
86) p-Isopropyltoluene	13.499	119	92850	5.02	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	47254	5.21	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	48107	5.39	ug/l	95
89) n-Butylbenzene	13.822	91	89275	4.91	ug/l	99
90) Hexachloroethane	14.091	117	14155	4.88	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	41989	5.24	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3098	5.39	ug/l	91
93) 1,2,4-Trichlorobenzene	15.127	180	28622	5.33	ug/l	95
94) Hexachlorobutadiene	15.231	225	15904	5.13	ug/l	96
95) Naphthalene	15.365	128	49750	5.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	24843	5.35	ug/l	99

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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

MMDadoda
5/20/2021 6:00:23 PM

Abundance

TIC: VW019040.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1,4-Dichlorobenzene-d4,I

Chlorobenzene-d5,I

4-Bromofluorobenzene,S

Toluene-d8,S

1,4-Difluorobenzene,I

Cyclohexanone,S

1,1,1-Trichloroethane,S

Benzene,TM 1,2-Dichloroethane-d4,S

Isobutyl acetate,TM

Trichloroethene,TM

1,2-Dichloroethane,T

Bromodichloromethane,T

2-Chloroethyl Vinyl ether,T

cis-1,3-Dichloropropene,T

4-Methylcyclohexanone,T

Toluene,CM

Ethyl 2-chloroacetate,T

1,1,2-Trichloroethane,T

1,2-Dichloroethane,T

1,3-Dichloropropane,T

1,2-Dibromobenzene,I

Chlorobenzene-d4,I

Chlorobenzene-d5,I

Chlorobenzene-d6,I

Chlorobenzene-d7,I

Chlorobenzene-d8,I

Chlorobenzene-d9,I

Chlorobenzene-d10,I

Chlorobenzene-d11,I

Chlorobenzene-d12,I

Chlorobenzene-d13,I

Chlorobenzene-d14,I

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Chlorobenzene-d192,I

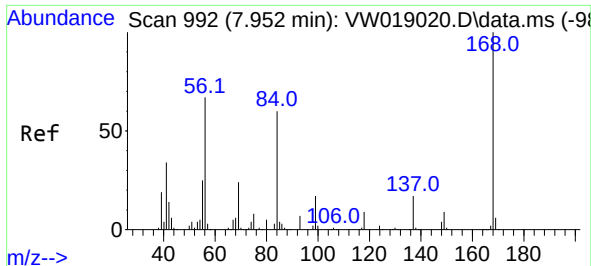
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Chlorobenzene-d195,I

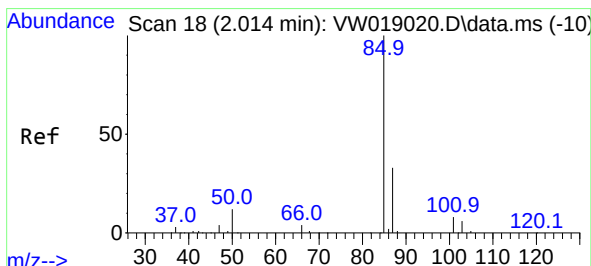
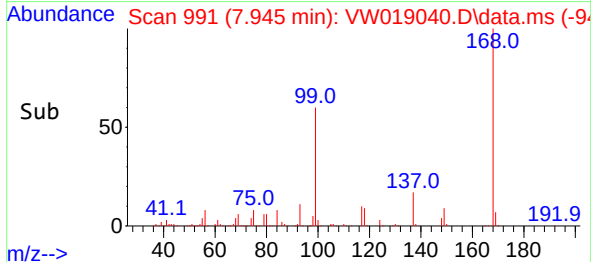
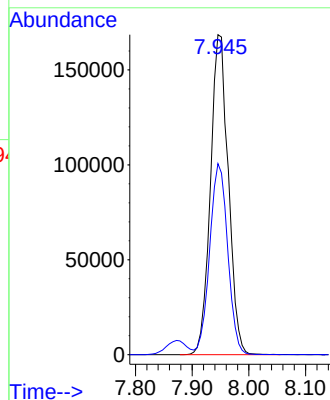
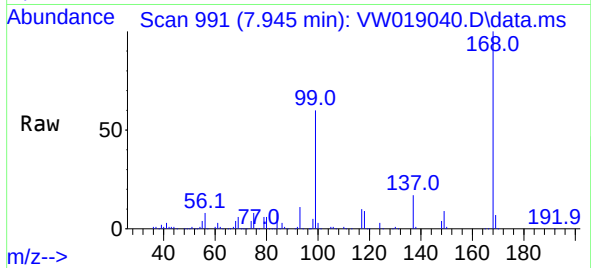
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Chlorobenzene-d197



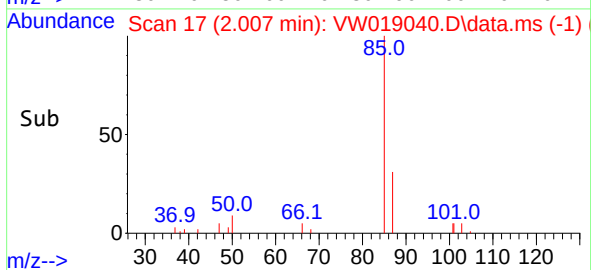
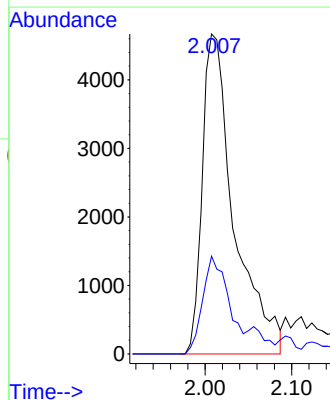
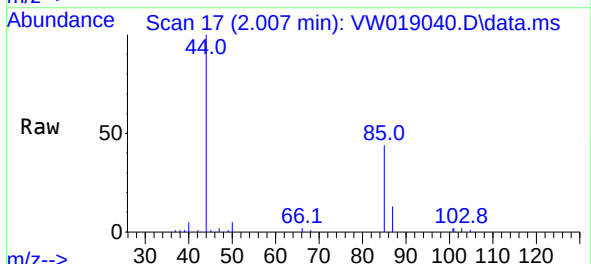
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.007 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 168 Resp: 368320
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 4.80 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

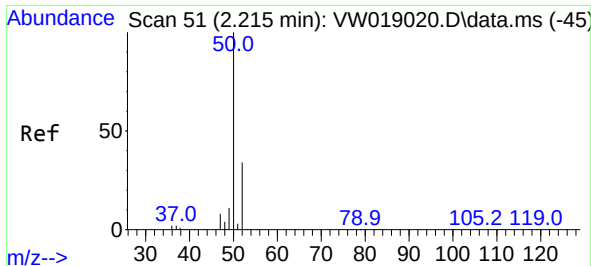
Tgt Ion: 85 Resp: 11892
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.0



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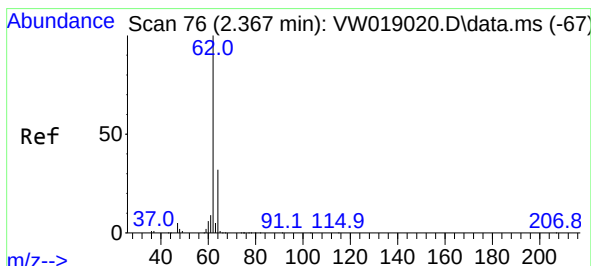
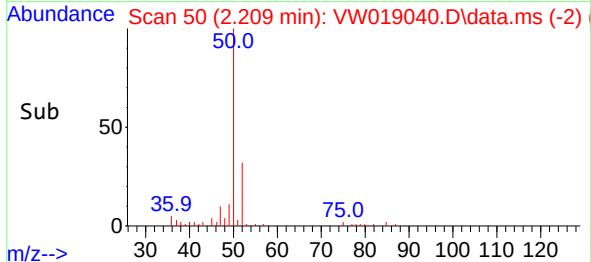
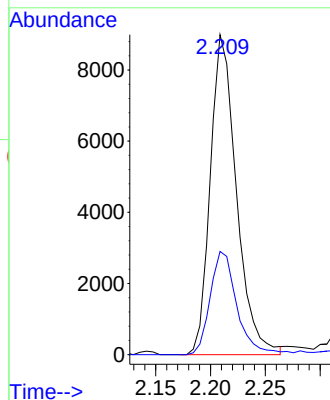
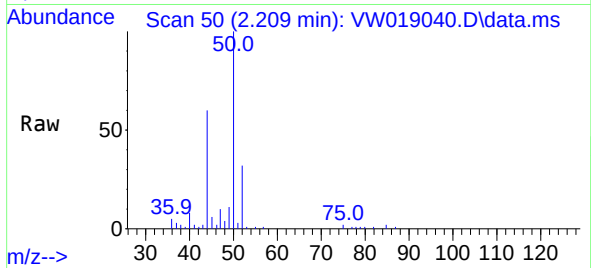
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Chloromethane
Concen: 5.42 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 50 Resp: 14913
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3

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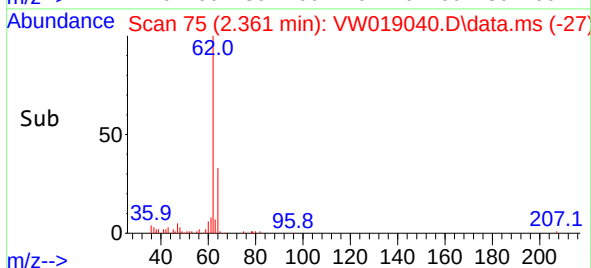
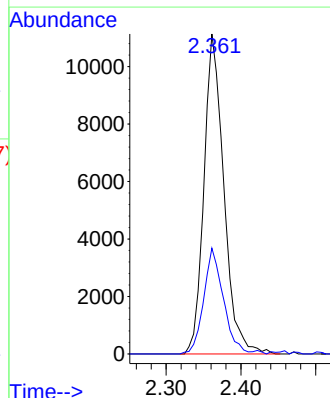
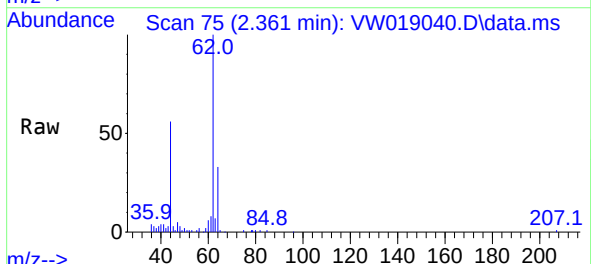
Manual Integrations
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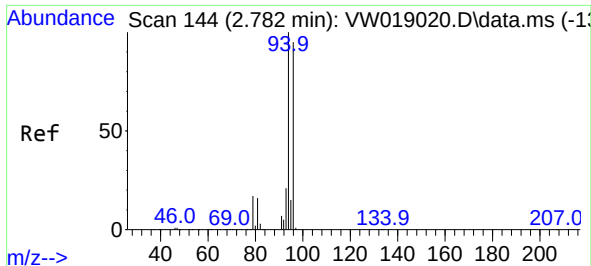
MMDadoda
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#4
Vinyl Chloride
Concen: 5.10 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

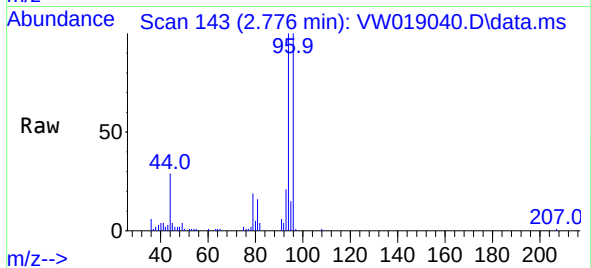
Tgt Ion: 62 Resp: 20607
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9





#5
Bromomethane
Concen: 5.41 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

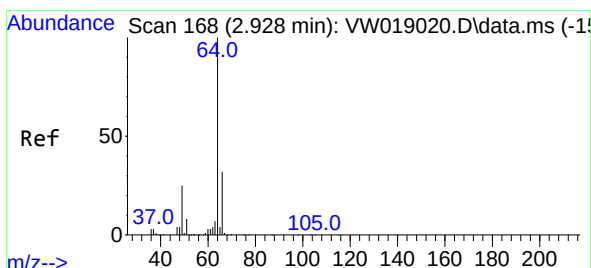
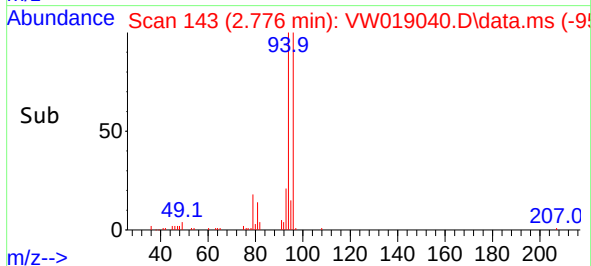
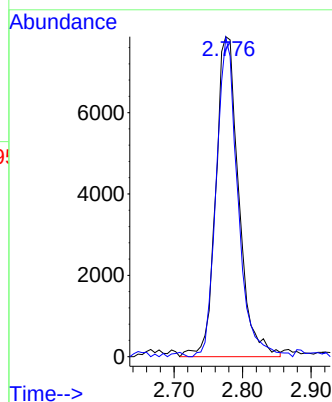
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 94 Resp: 18324
Ion Ratio Lower Upper
94 100
96 98.4 76.4 114.6

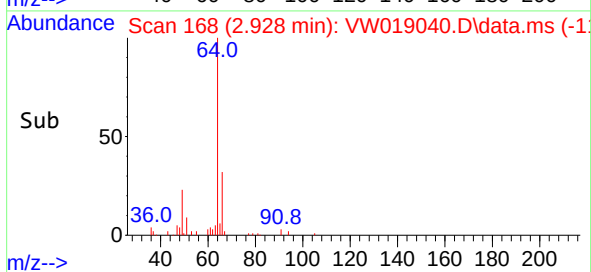
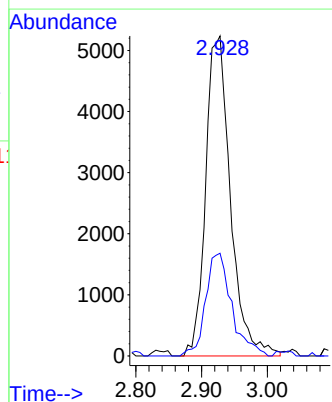
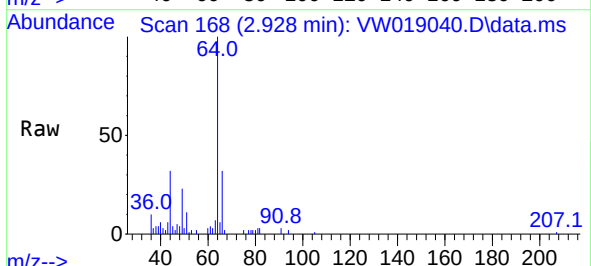
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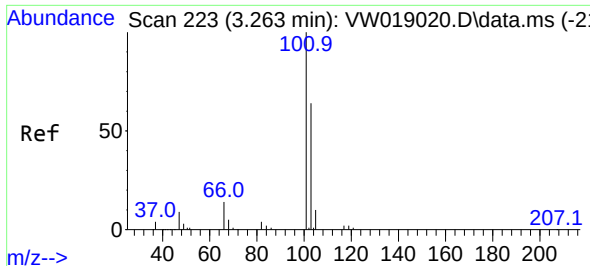
MMDadoda
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#6
Chloroethane
Concen: 4.95 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 64 Resp: 13732
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9





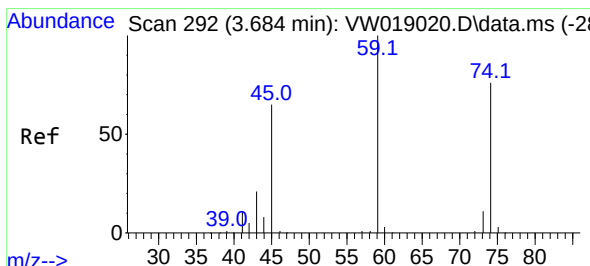
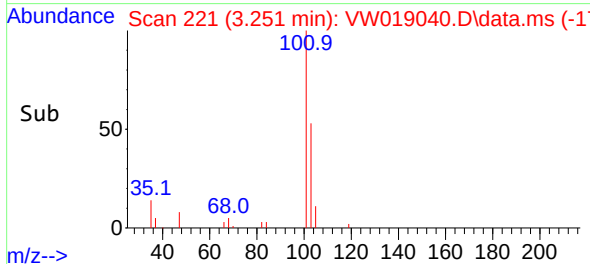
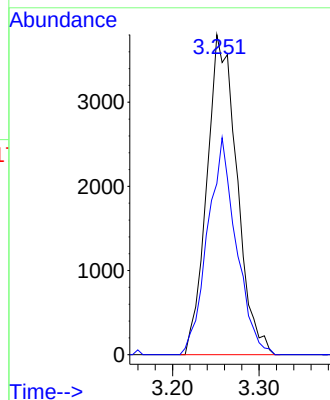
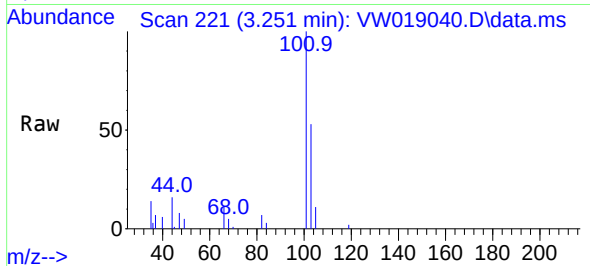
#7
 Trichlorofluoromethane
 Concen: 4.12 ug/l
 RT: 3.251 min Scan# 221
 Delta R.T. -0.012 min
 Lab File: VW019040.D
 Acq: 19 May 2021 18:53

Tgt Ion: 101 Resp: 9164
 Ion Ratio Lower Upper
 101 100
 103 53.4 51.4 77.2

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

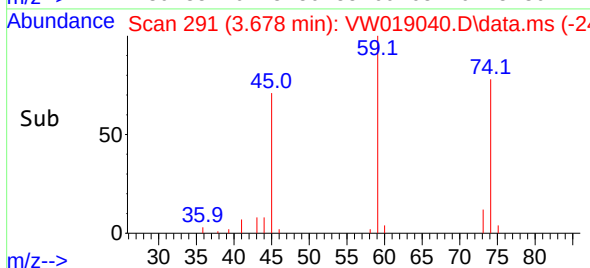
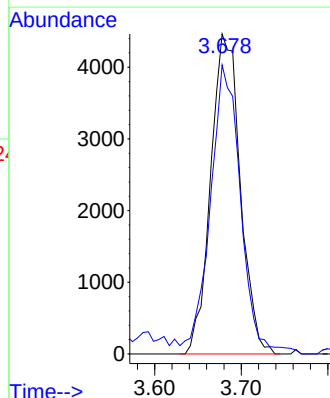
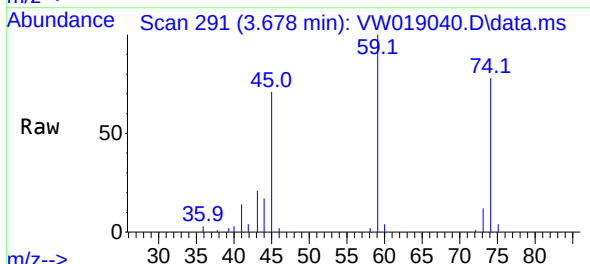
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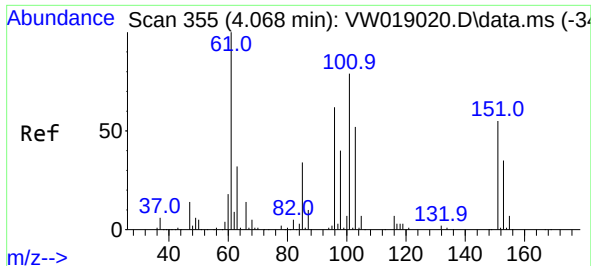
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#8
 Diethyl Ether
 Concen: 5.46 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.006 min
 Lab File: VW019040.D
 Acq: 19 May 2021 18:53

Tgt Ion: 74 Resp: 10565
 Ion Ratio Lower Upper
 74 100
 45 92.6 43.3 129.8





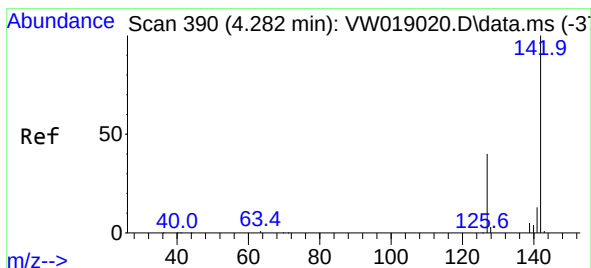
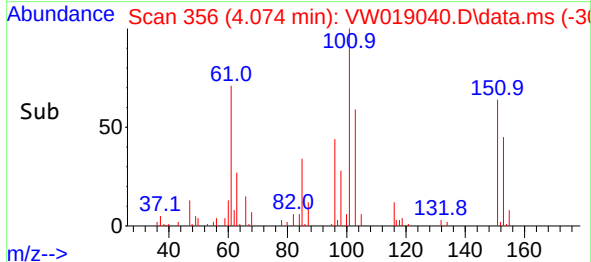
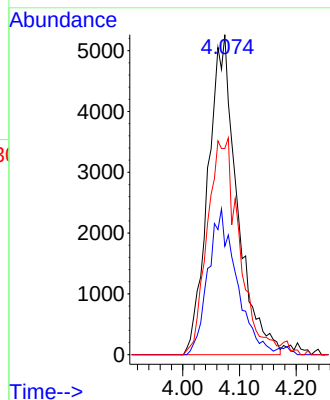
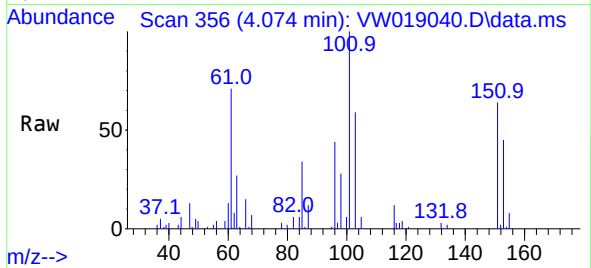
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.21 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	101	Resp:	18742
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.9	53.9
151	74.0	59.8	89.6

Instrument :
MSVOA_W
ClientSampleId :
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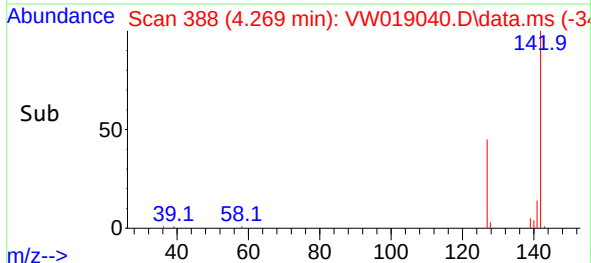
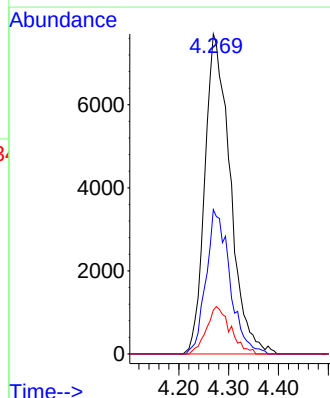
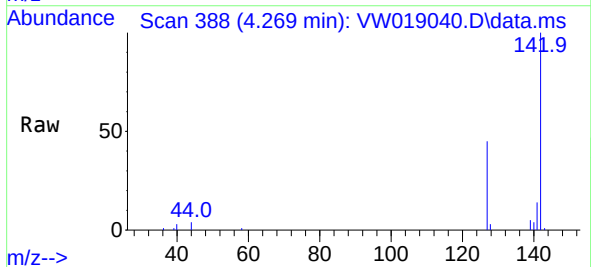
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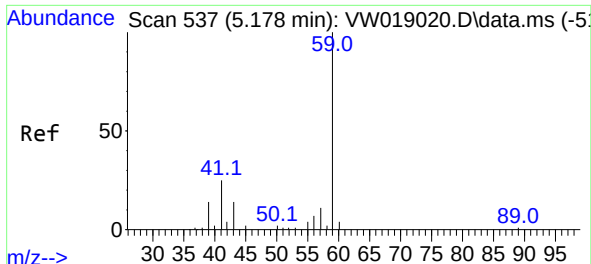
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#10
Methyl Iodide
Concen: 5.14 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.012 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

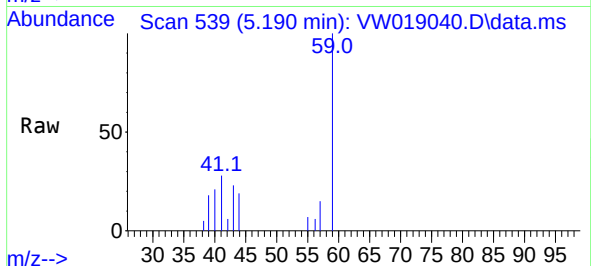
Tgt Ion:	142	Resp:	27149
Ion	Ratio	Lower	Upper
142	100		
127	42.5	33.7	50.5
141	14.0	11.2	16.8





#11
Tert butyl alcohol
Concen: 42.05 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.012 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

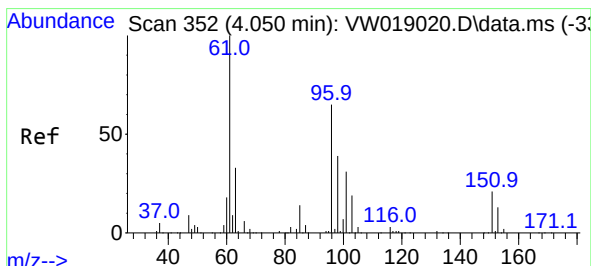
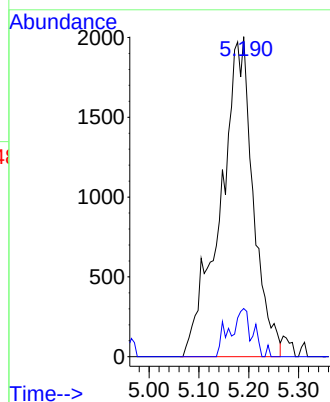
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



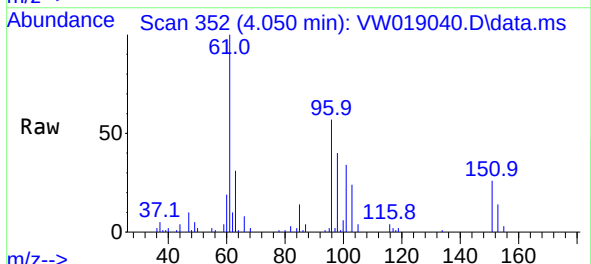
Tgt Ion: 59 Resp: 9198
Ion Ratio Lower Upper
59 100
57 7.1 8.9 13.3#

Manual Integrations
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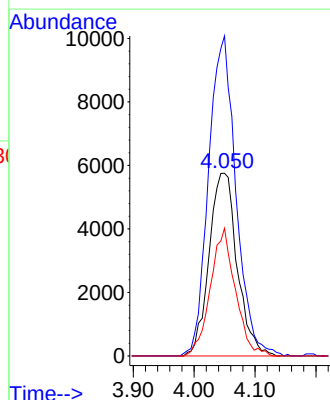
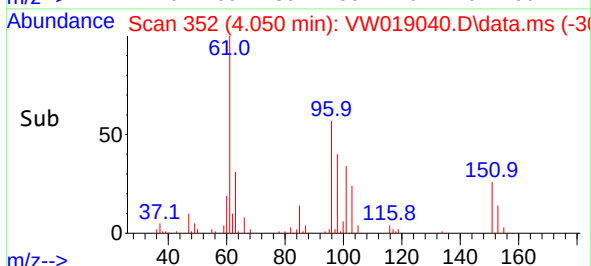
MMDadoda
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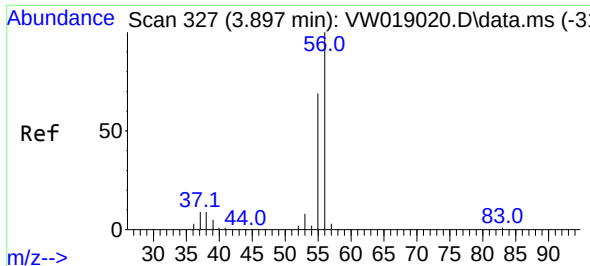


#12
1,1-Dichloroethene
Concen: 5.04 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

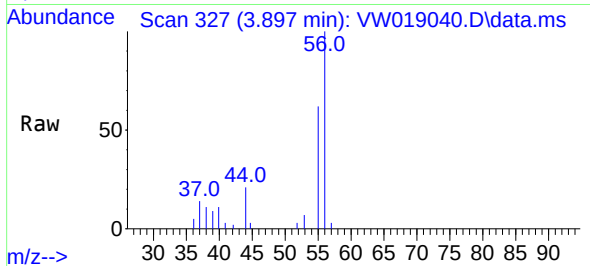


Tgt Ion: 96 Resp: 18479
Ion Ratio Lower Upper
96 100
61 175.1 123.0 184.4
98 69.9 47.5 71.3

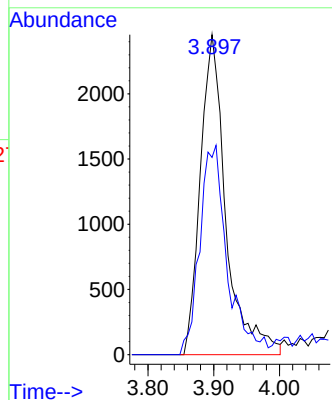
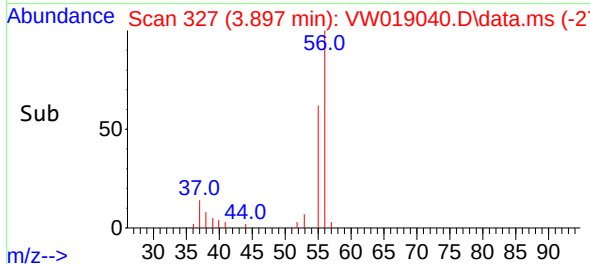




#13
Acrolein
Concen: 26.75 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



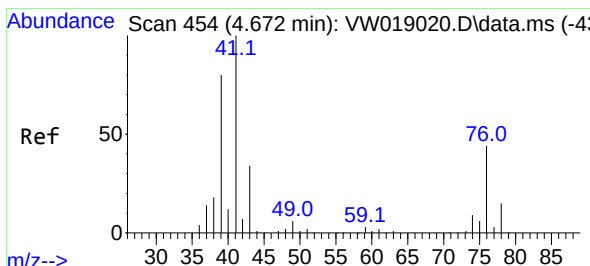
Tgt Ion: 56 Resp: 6636
Ion Ratio Lower Upper
56 100
55 70.5 56.7 85.1



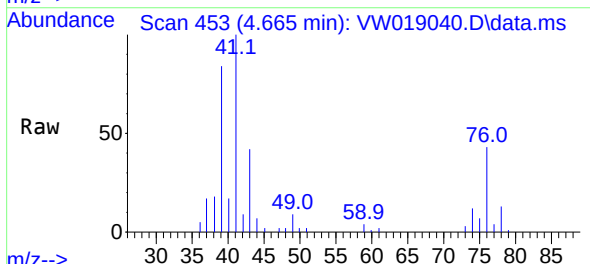
Instrument :
MSVOA_W
ClientSampleId :
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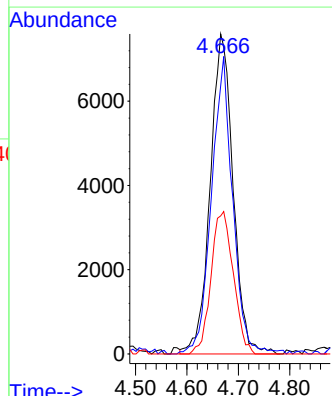
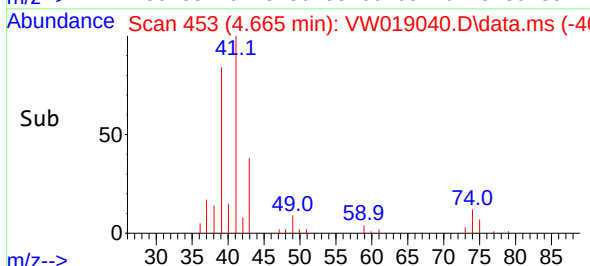
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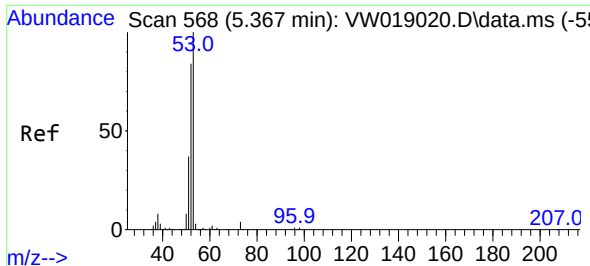


#14
Allyl chloride
Concen: 4.92 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



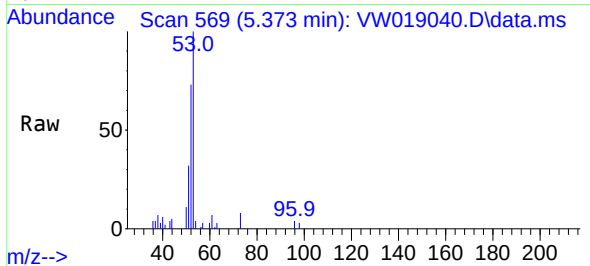
Tgt Ion: 41 Resp: 23463
Ion Ratio Lower Upper
41 100
39 86.5 63.9 95.9
76 43.5 35.1 52.7





#15
Acrylonitrile
Concen: 27.08 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

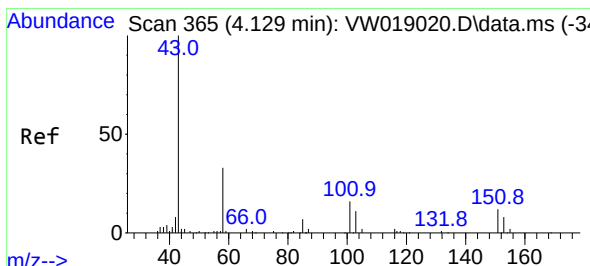
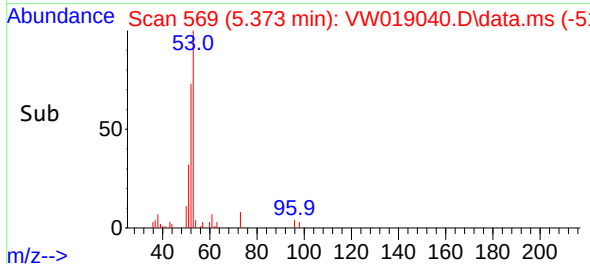
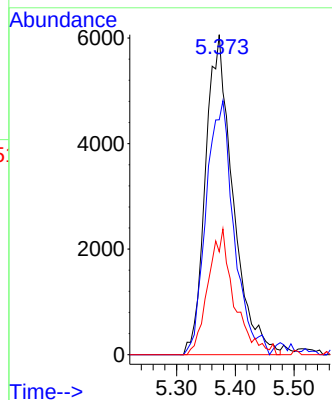
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:	53	Resp:	19642
Ion	Ratio	Lower	Upper
53	100		
52	80.5	66.5	99.7
51	37.3	29.8	44.8

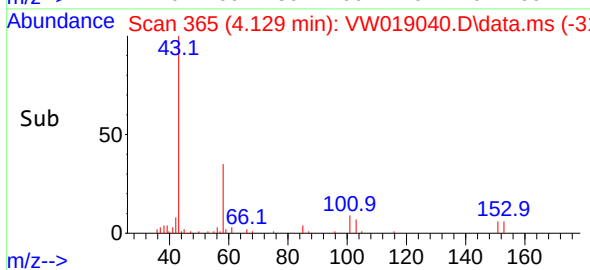
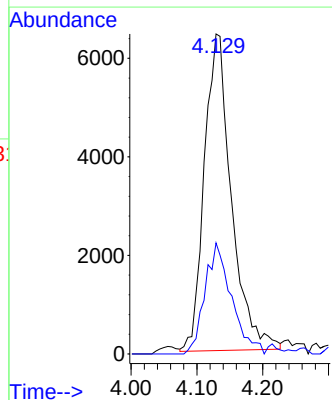
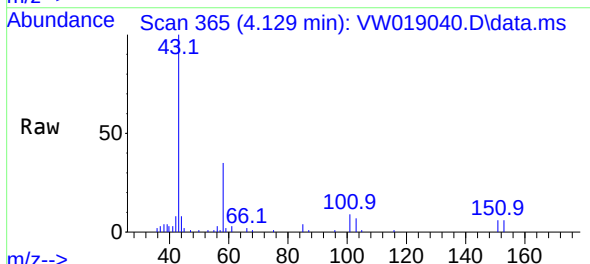
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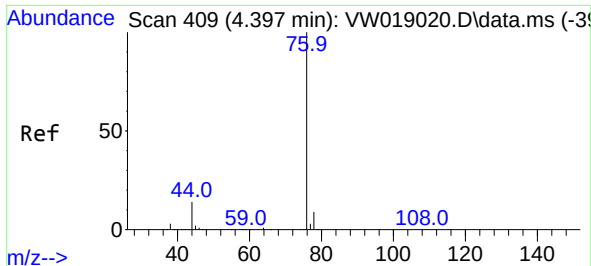
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#16
Acetone
Concen: 31.16 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	43	Resp:	18405
Ion	Ratio	Lower	Upper
43	100		
58	35.2	26.4	39.6





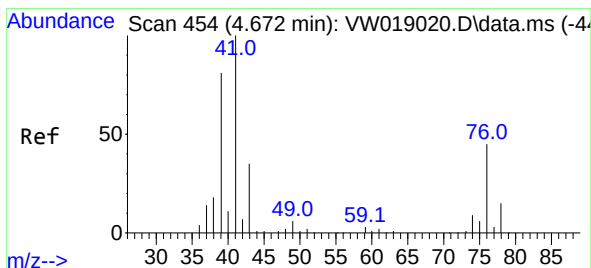
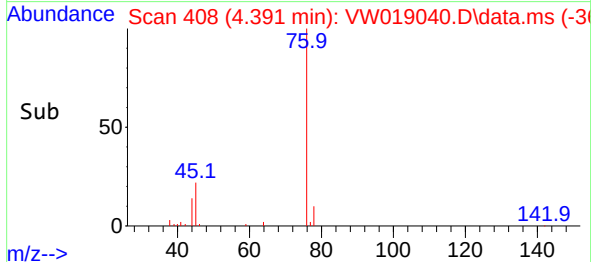
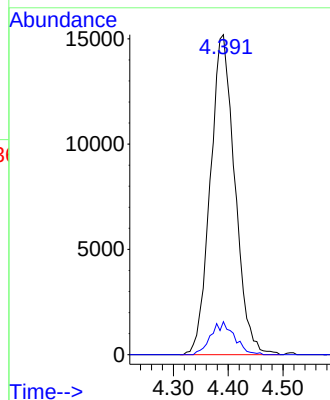
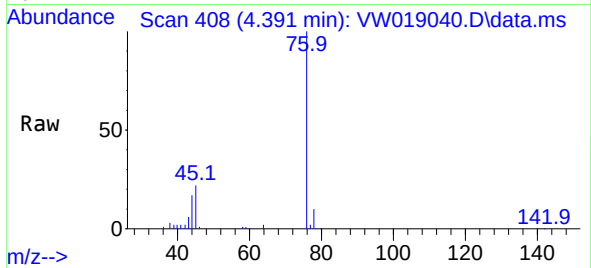
#17
Carbon Disulfide
Concen: 4.71 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 76 Resp: 47174
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

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

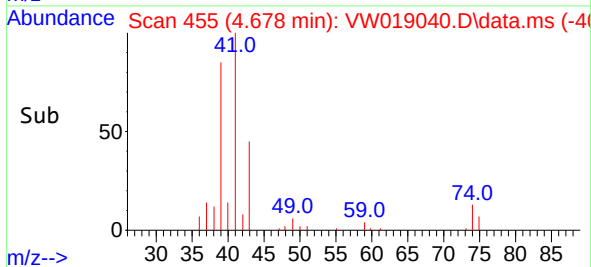
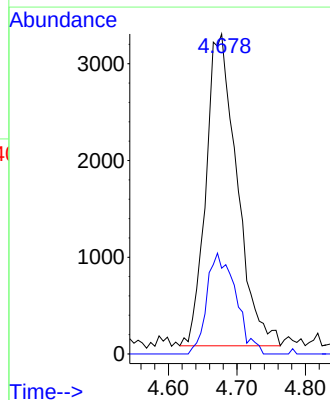
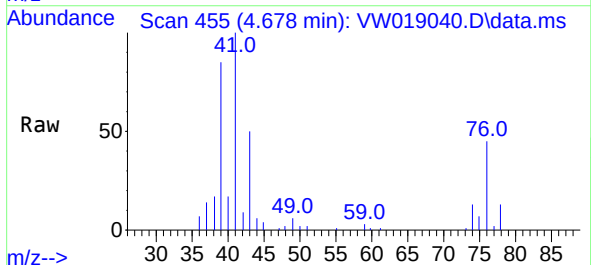
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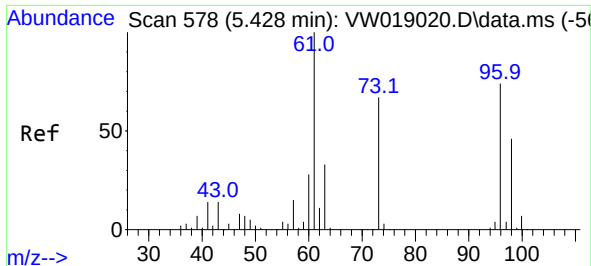
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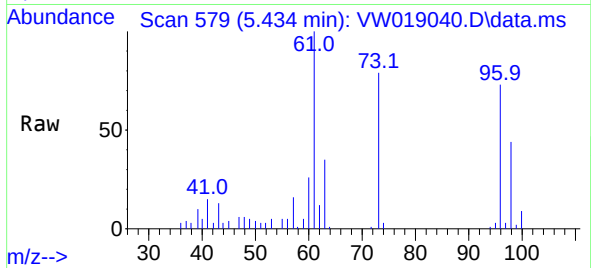
#18
Methyl Acetate
Concen: 5.84 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 43 Resp: 10147
Ion Ratio Lower Upper
43 100
74 30.1 21.8 32.8

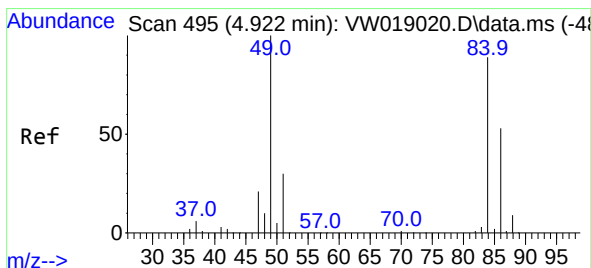
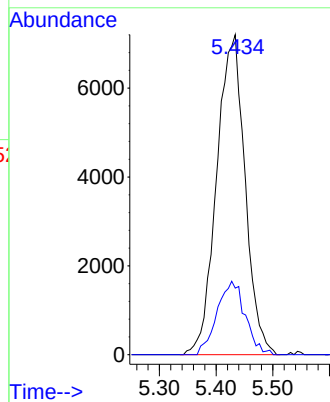
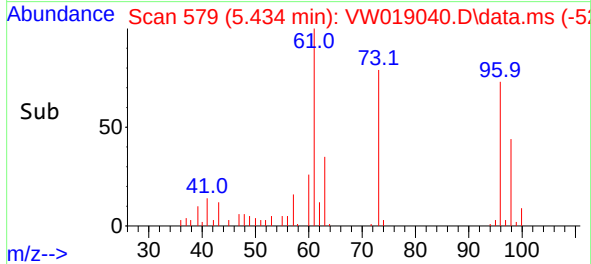




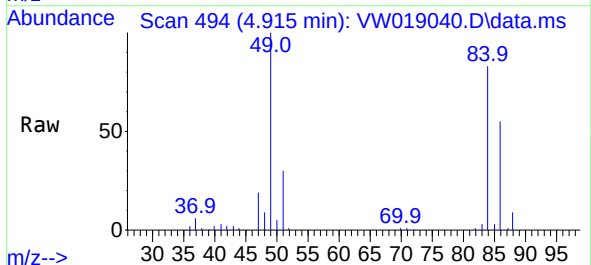
#19
Methyl tert-butyl Ether
Concen: 5.43 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



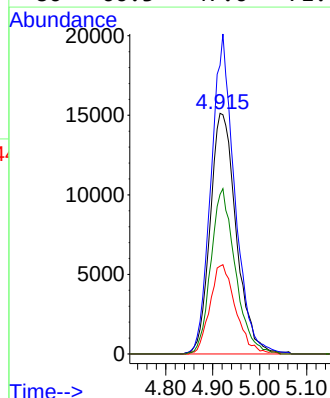
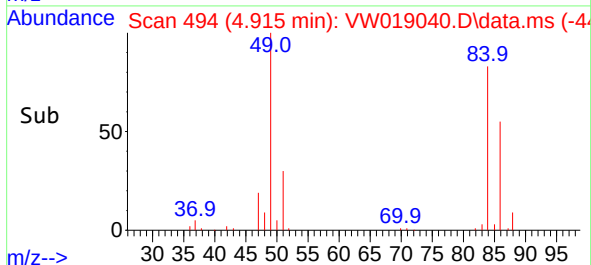
Tgt Ion: 73 Resp: 25021
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0



#20
Methylene Chloride
Concen: 10.98 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



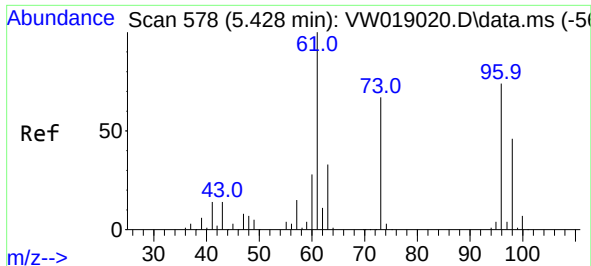
Tgt Ion: 84 Resp: 58182
Ion Ratio Lower Upper
84 100
49 120.0 90.4 135.6
51 36.5 27.1 40.7
86 66.3 47.6 71.4



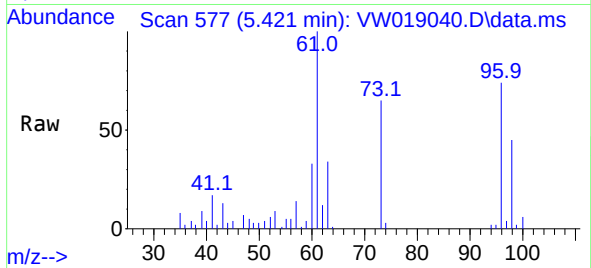
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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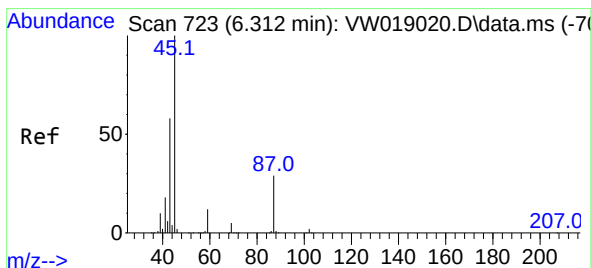
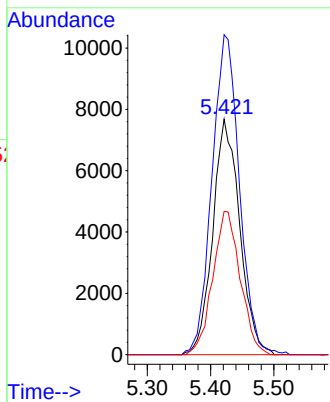
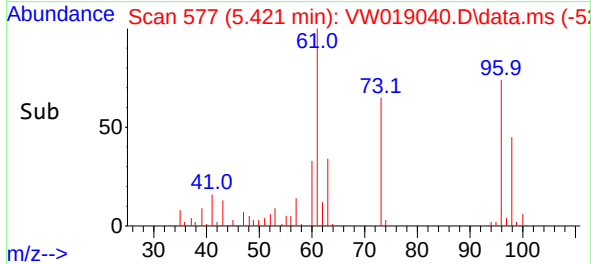


#21
trans-1,2-Dichloroethene
Concen: 5.42 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

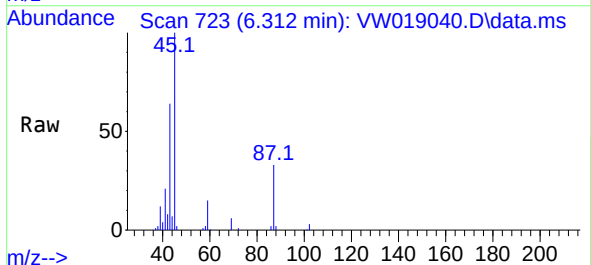


Tgt Ion: 96 Resp: 22719

Ion	Ratio	Lower	Upper
96	100		
61	135.9	108.5	162.7
98	60.9	49.4	74.0

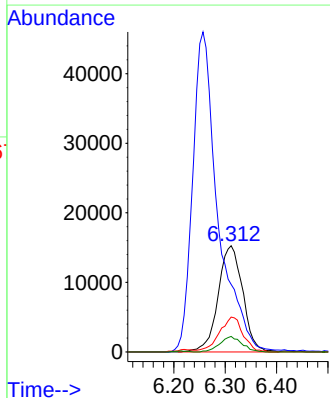
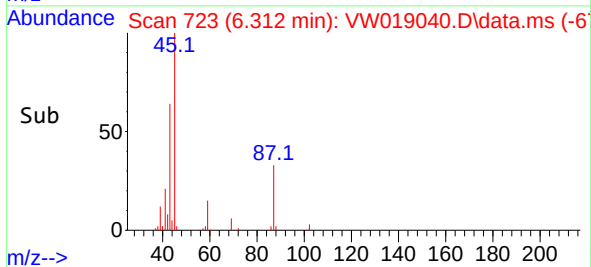


#22
Diisopropyl ether
Concen: 5.22 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



Tgt Ion: 45 Resp: 50705

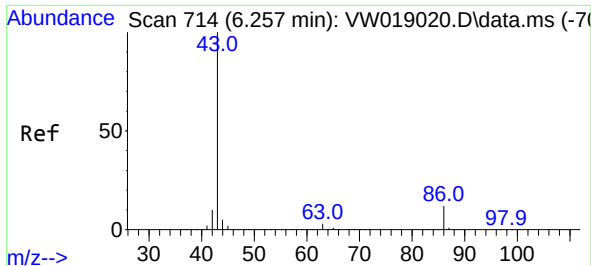
Ion	Ratio	Lower	Upper
45	100		
43	61.7	46.1	69.1
87	32.9	23.4	35.2
59	14.7	9.7	14.5



Instrument :
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ClientSampleId :
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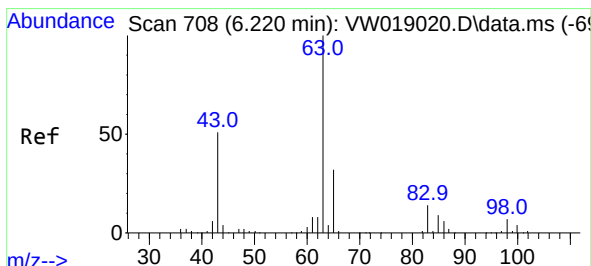
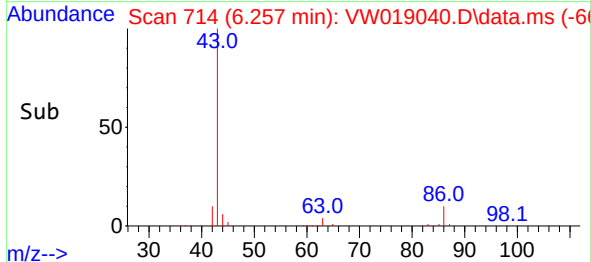
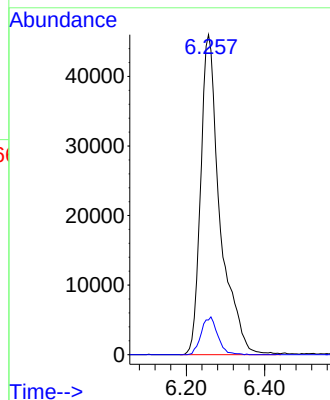
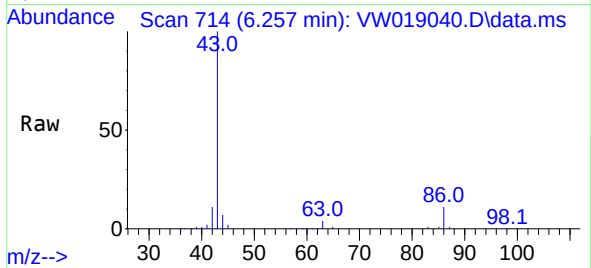
#23
 Vinyl Acetate
 Concen: 24.18 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019040.D
 Acq: 19 May 2021 18:53

Tgt Ion: 43 Resp: 157929
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
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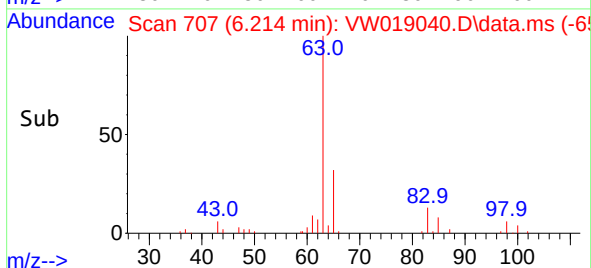
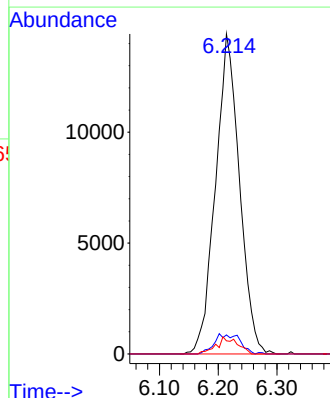
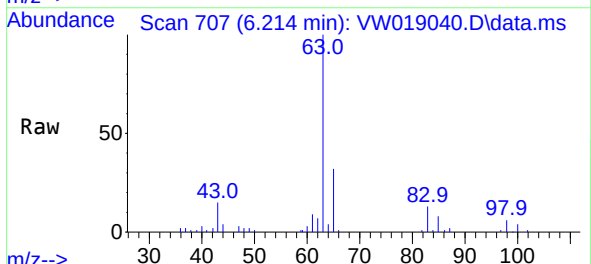
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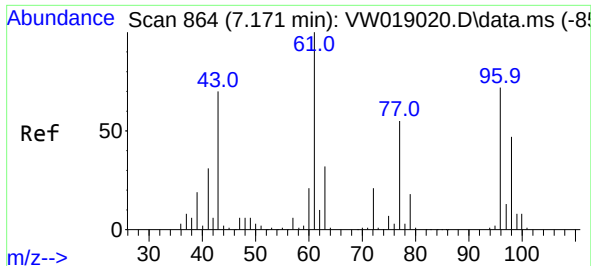
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#24
 1,1-Dichloroethane
 Concen: 5.44 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019040.D
 Acq: 19 May 2021 18:53

Tgt Ion: 63 Resp: 40866
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 4.1 2.3 6.8





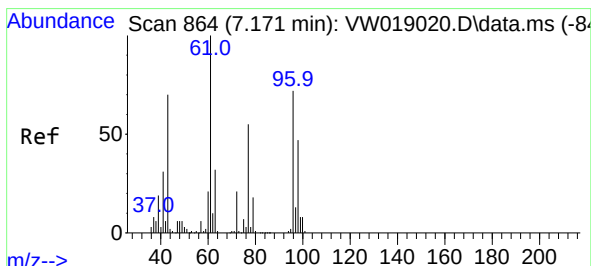
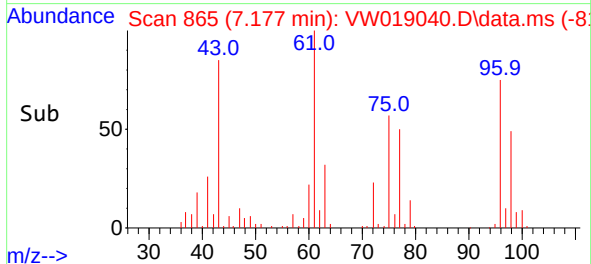
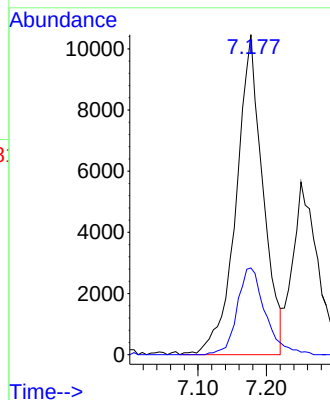
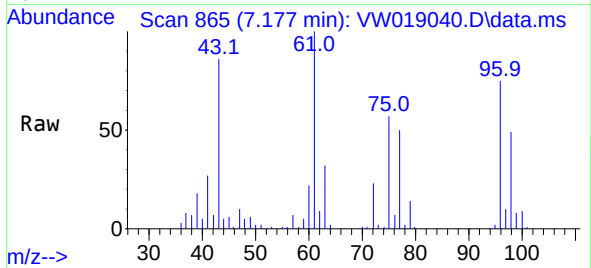
#25
2-Butanone
Concen: 29.23 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 43 Resp: 28356
Ion Ratio Lower Upper
43 100
72 27.1 24.0 36.0

Instrument :
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ClientSampleId :
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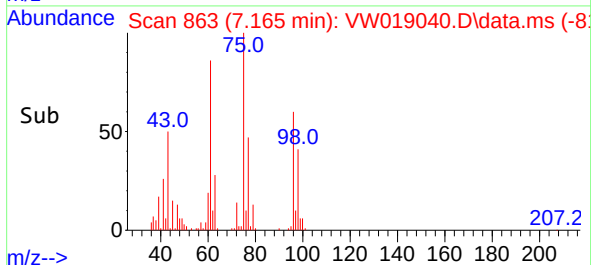
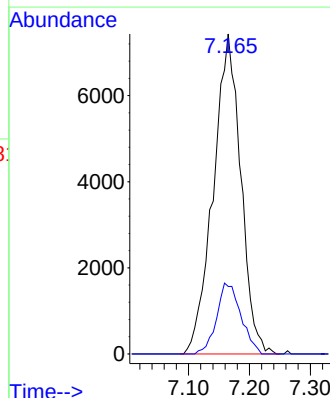
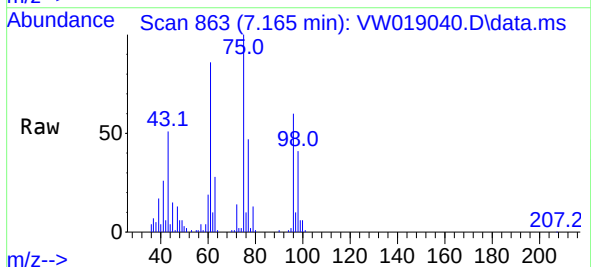
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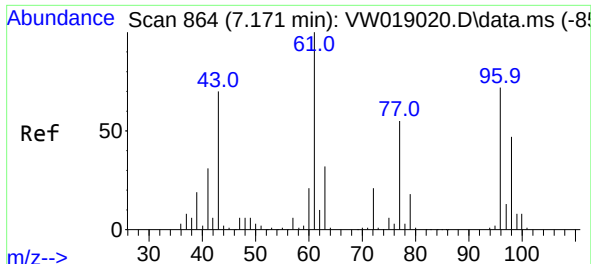
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#26
2,2-Dichloropropane
Concen: 5.75 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 77 Resp: 23306
Ion Ratio Lower Upper
77 100
97 19.6 11.8 35.3





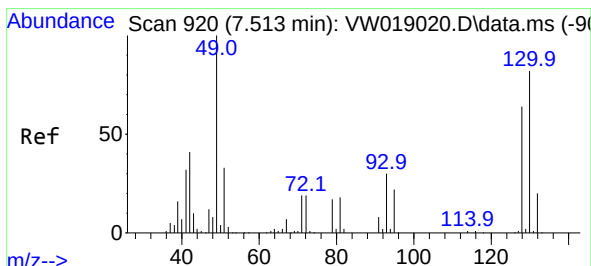
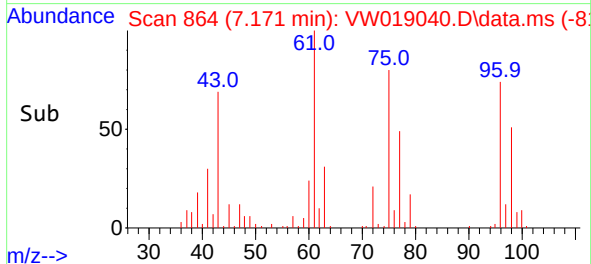
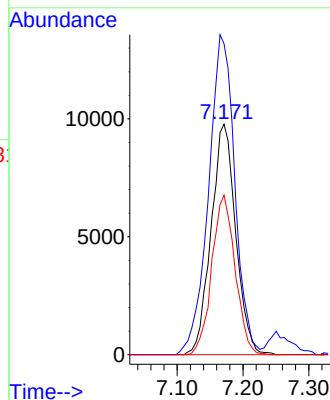
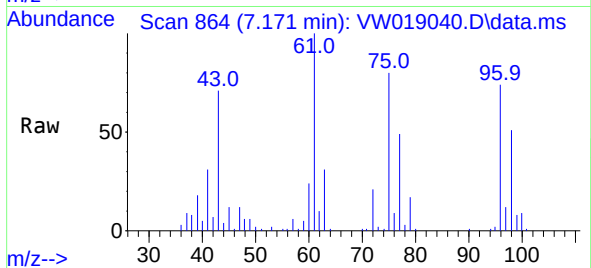
#27
cis-1,2-Dichloroethene
Concen: 5.49 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 96 Resp: 25519
Ion Ratio Lower Upper
96 100
61 147.5 0.0 281.2
98 65.3 0.0 127.4

Instrument :
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ClientSampleId :
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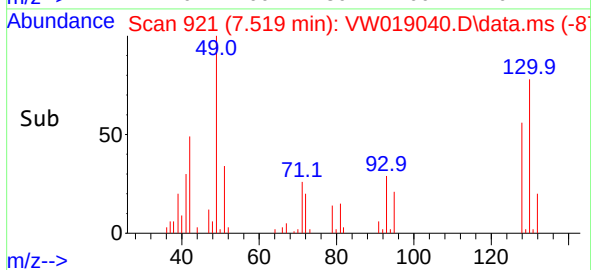
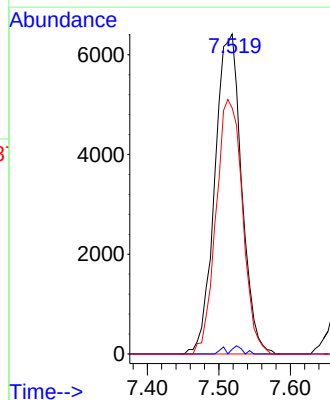
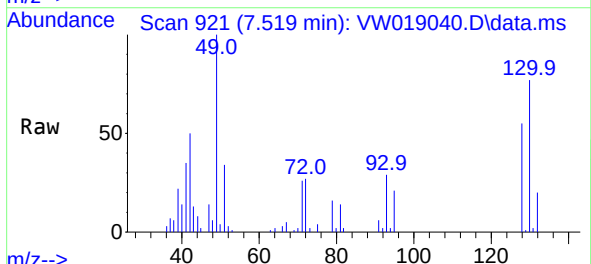
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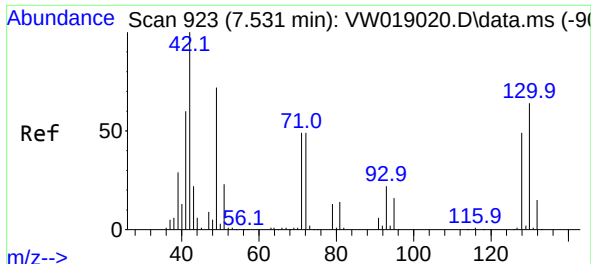
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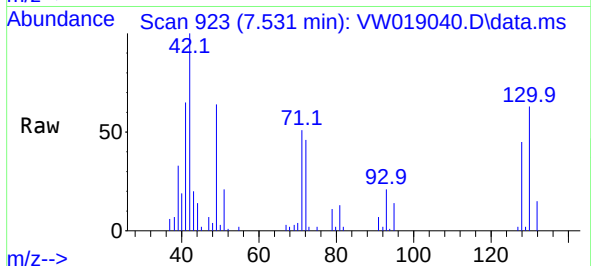
#28
Bromochloromethane
Concen: 5.45 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 49 Resp: 16664
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.4
130 78.9 63.0 94.4



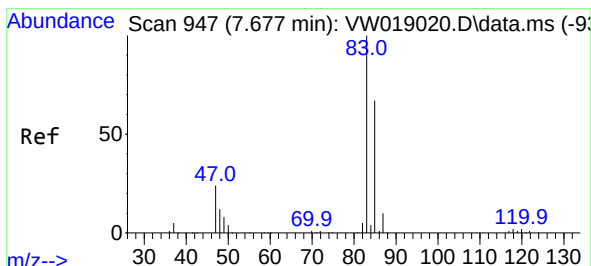
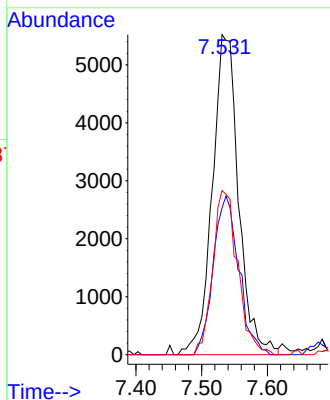
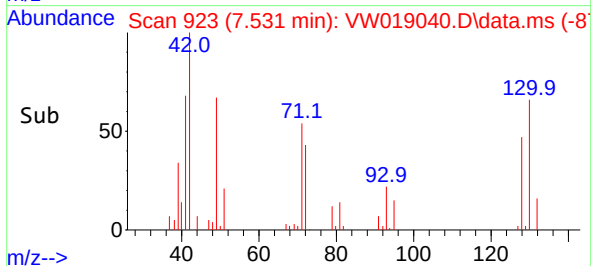


#29
Tetrahydrofuran
Concen: 27.00 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

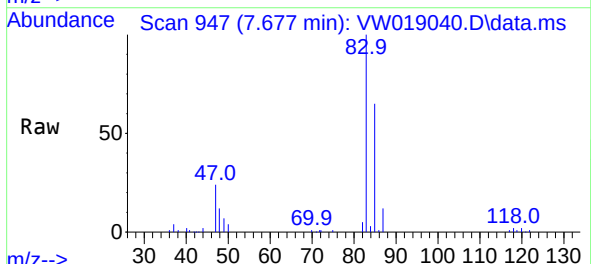


Tgt Ion: 42 Resp: 15317

Ion	Ratio	Lower	Upper
42	100		
72	48.4	40.1	60.1
71	48.6	38.3	57.5

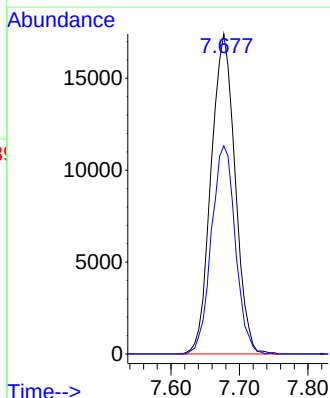
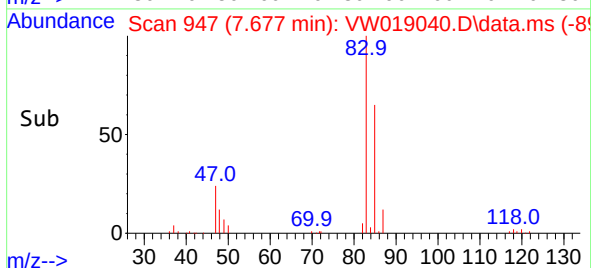


#30
Chloroform
Concen: 5.54 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



Tgt Ion: 83 Resp: 42346

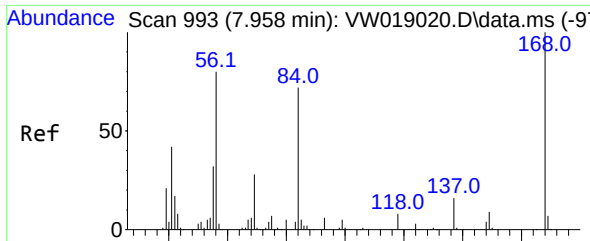
Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0



Instrument :
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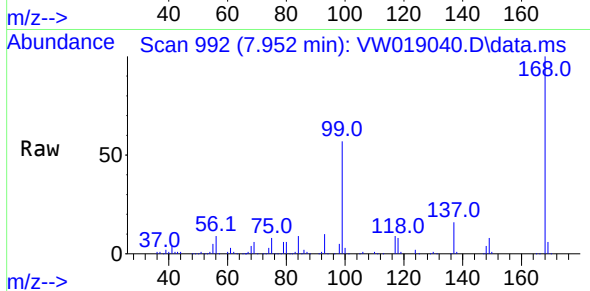
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#31
Cyclohexane
Concen: 6.14 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

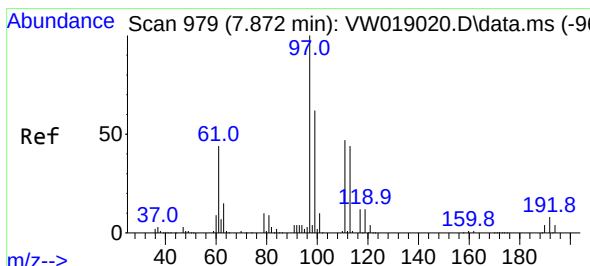
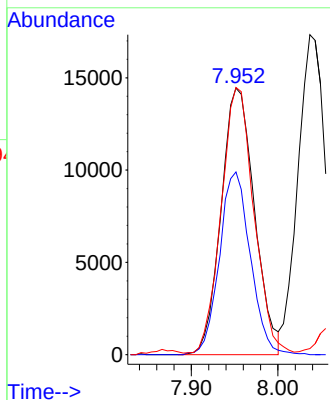
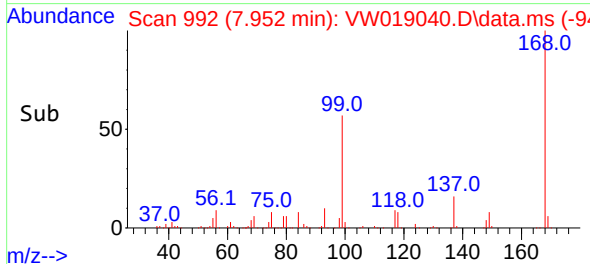
Instrument :
MSVOA_W
ClientSampleId :
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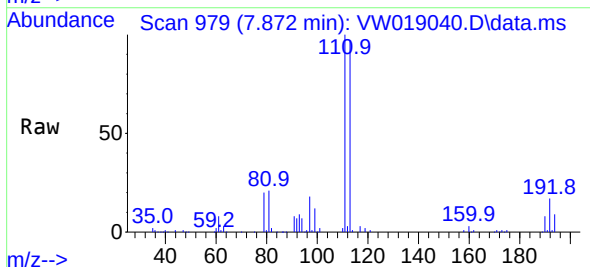
Tgt Ion: 56 Resp: 38615
Ion Ratio Lower Upper
56 100
69 68.5 28.4 42.6#
84 99.2 72.3 108.5

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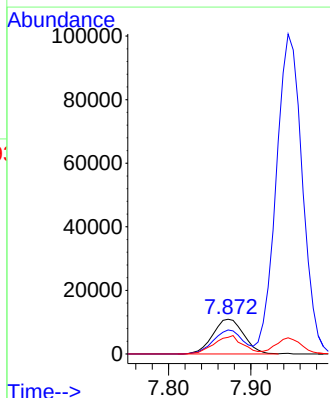
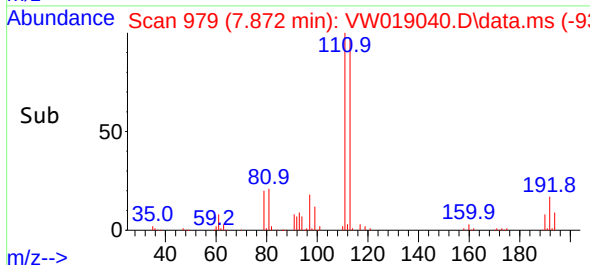
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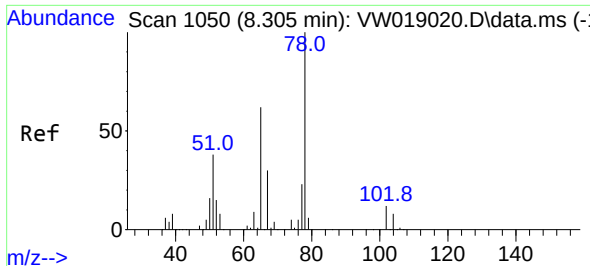


#32
1,1,1-Trichloroethane
Concen: 5.04 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

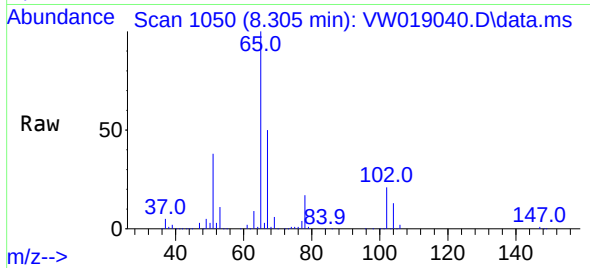


Tgt Ion: 97 Resp: 28628
Ion Ratio Lower Upper
97 100
99 66.5 52.2 78.4
61 48.5 36.7 55.1

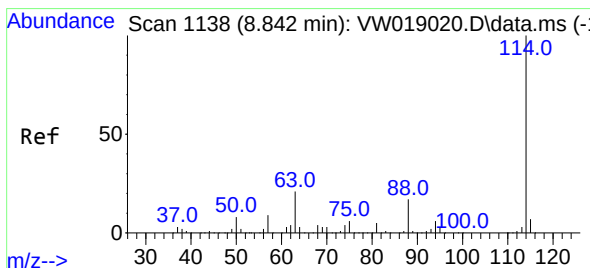
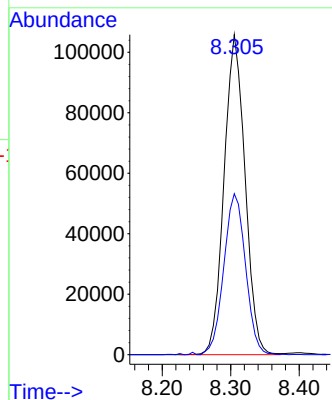
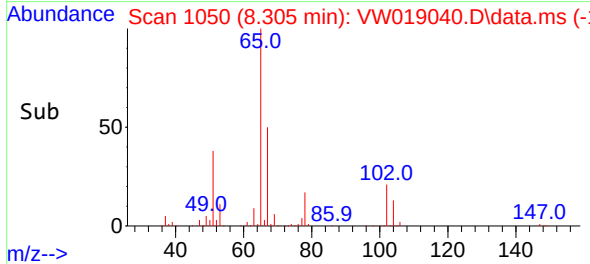




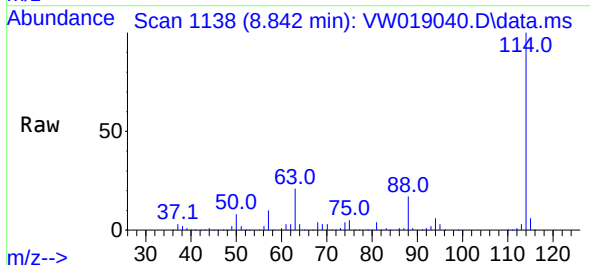
#33
1,2-Dichloroethane-d4
Concen: 59.94 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



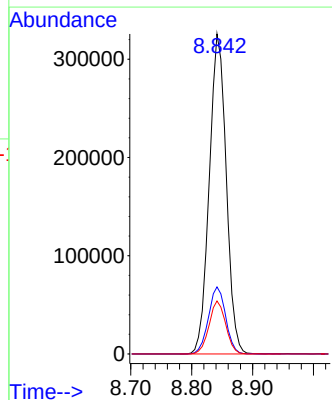
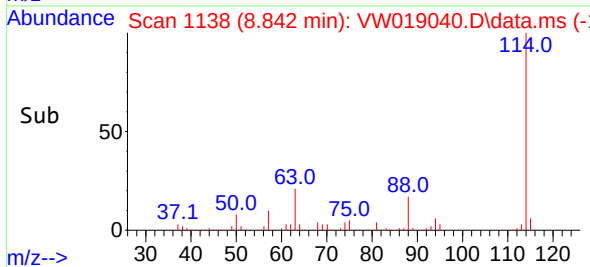
Tgt Ion: 65 Resp: 225176
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



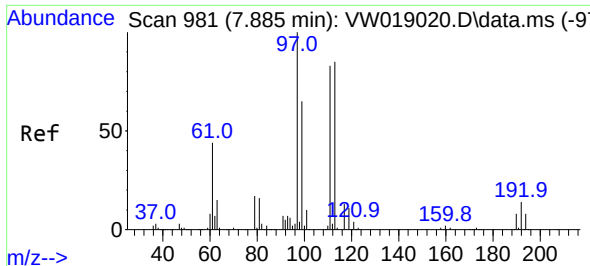
Tgt Ion: 114 Resp: 629598
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 16.5 0.0 33.2



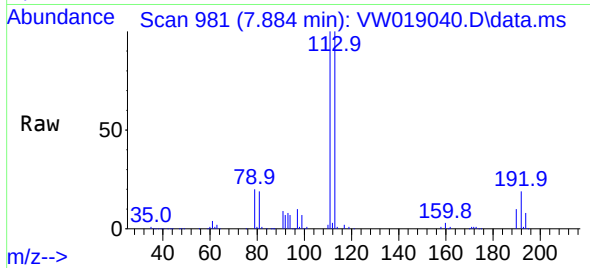
Instrument :
MSVOA_W
ClientSampleId :
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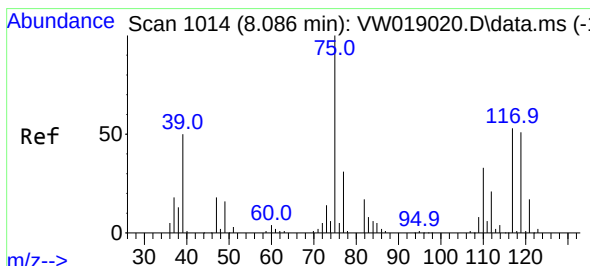
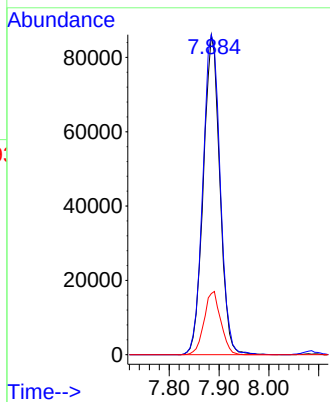
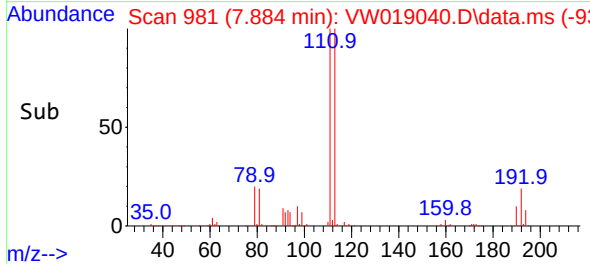


#35
Dibromofluoromethane
Concen: 56.32 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.001 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

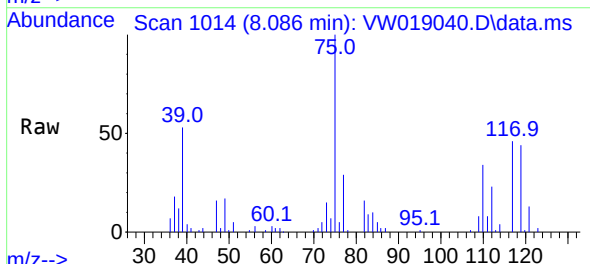


Tgt Ion: 113 Resp: 197418

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.3	123.5
192	19.9	15.3	22.9

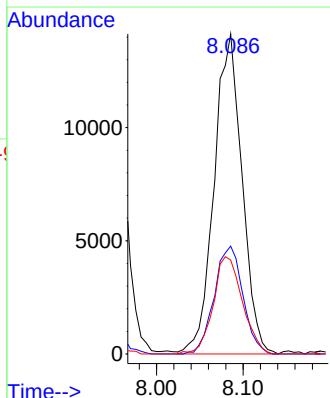
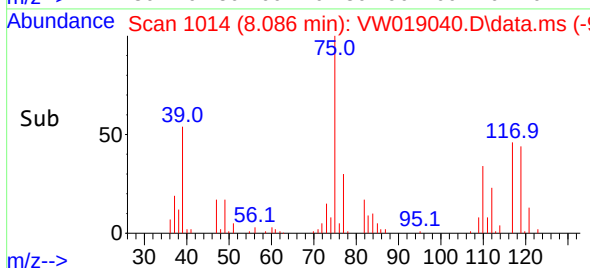


#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



Tgt Ion: 75 Resp: 31658

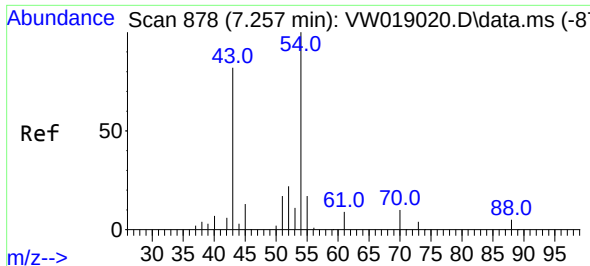
Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.1	51.2
77	31.8	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
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#37

Ethyl Acetate

Concen: 5.72 ug/l

RT: 7.250 min Scan# 877

Delta R.T. -0.006 min

Lab File: VW019040.D

Acq: 19 May 2021 18:53

Tgt Ion:	43	Resp:	13865
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.4
70	12.1	9.5	14.3

Instrument :

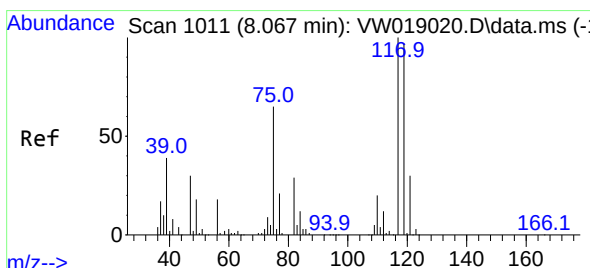
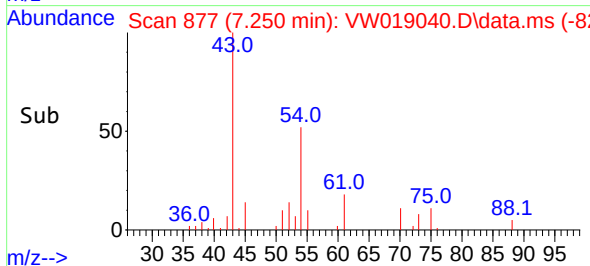
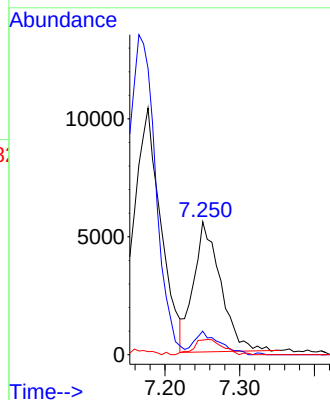
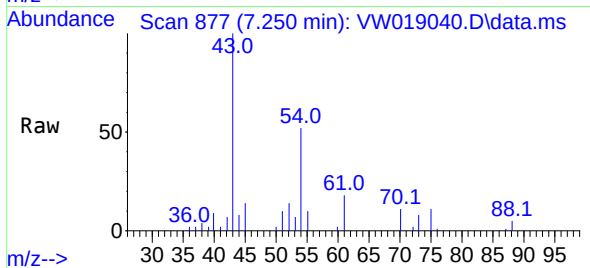
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ClientSampleId :

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#38

Carbon Tetrachloride

Concen: 4.88 ug/l

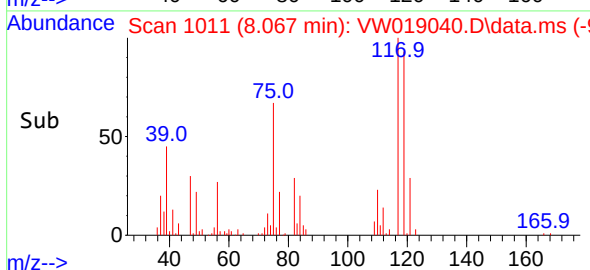
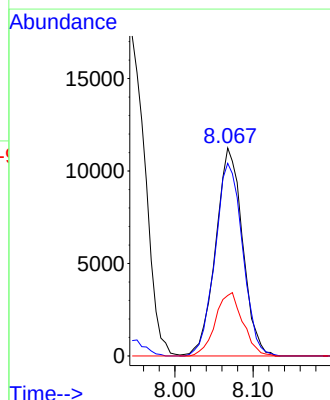
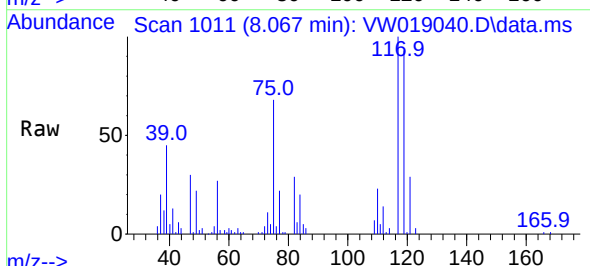
RT: 8.067 min Scan# 1011

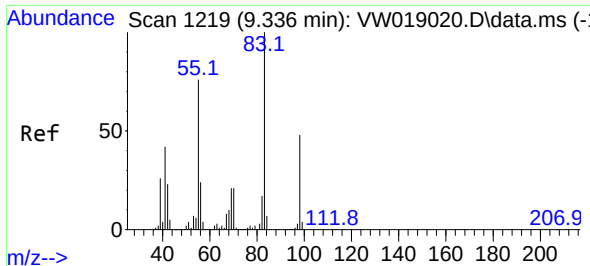
Delta R.T. -0.000 min

Lab File: VW019040.D

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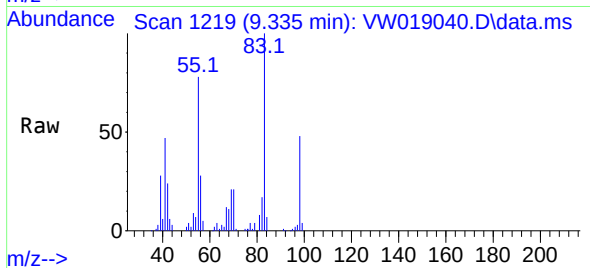
Tgt Ion:	117	Resp:	26943
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.4	116.0
121	29.1	23.6	35.4





#39
Methylcyclohexane
Concen: 4.82 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

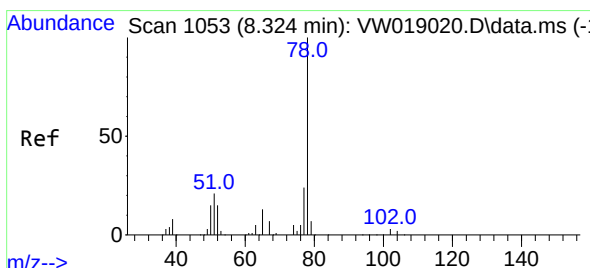
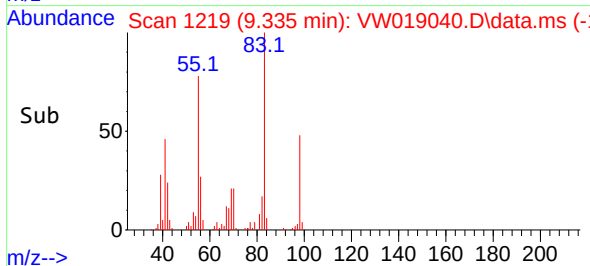
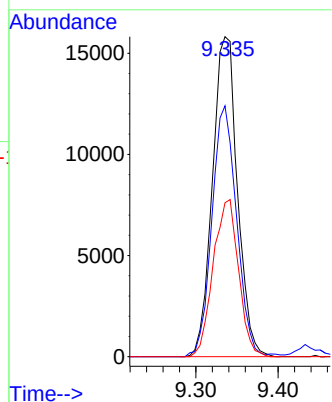
Instrument :
MSVOA_W
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Tgt Ion: 83 Resp: 33443
Ion Ratio Lower Upper
83 100
55 78.4 60.9 91.3
98 48.1 38.4 57.6

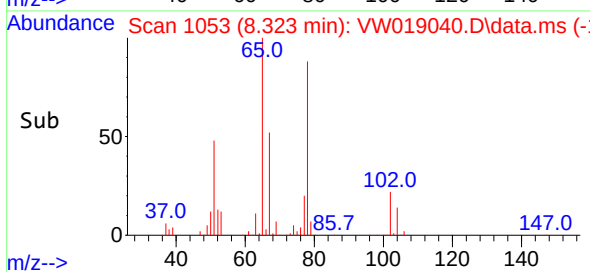
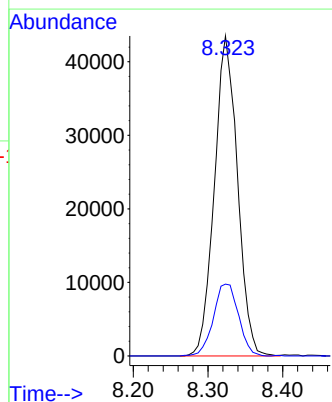
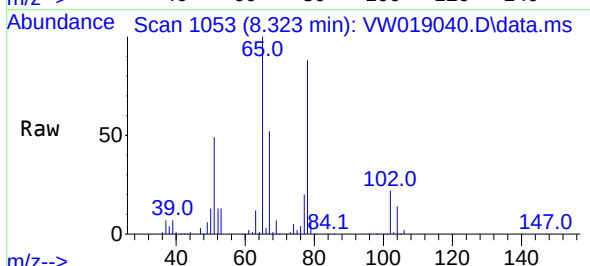
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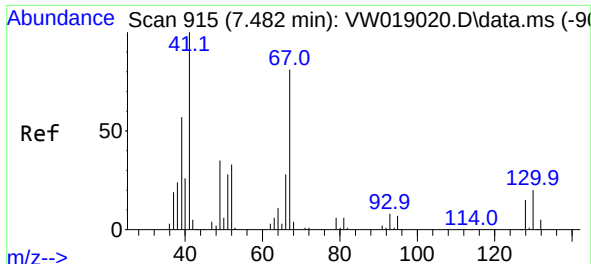
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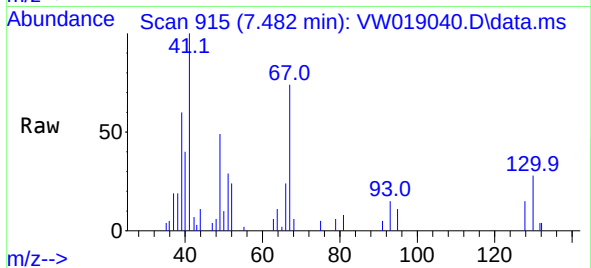
#40
Benzene
Concen: 5.33 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 78 Resp: 93396
Ion Ratio Lower Upper
78 100
77 22.5 19.6 29.4

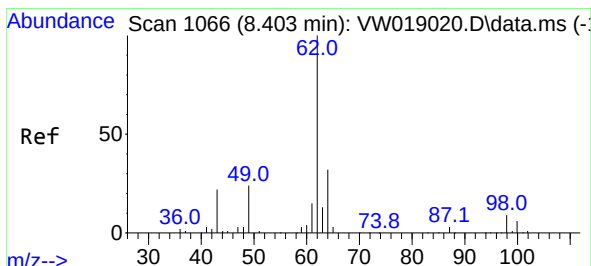
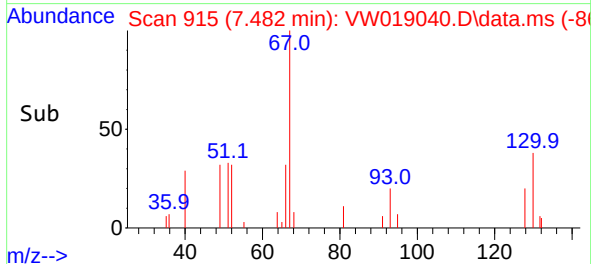
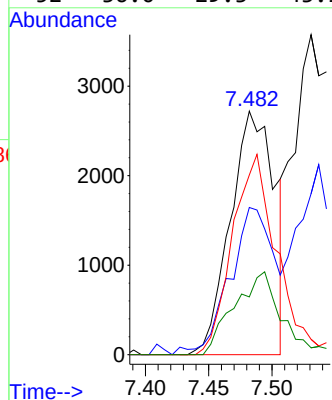




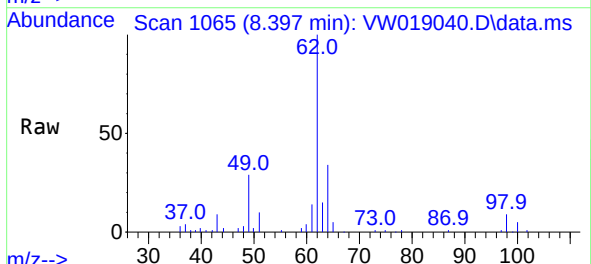
#41
Methacrylonitrile
Concen: 5.01 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



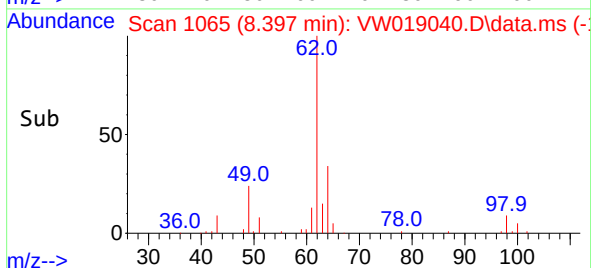
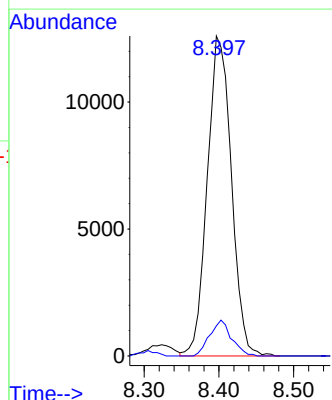
Tgt Ion:	41	Resp:	6642
Ion	Ratio	Lower	Upper
41	100		
39	59.7	50.1	75.1
67	82.1	69.0	103.4
52	36.0	29.3	43.9



#42
1,2-Dichloroethane
Concen: 5.44 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



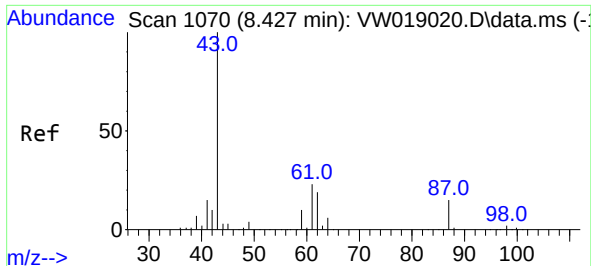
Tgt Ion:	62	Resp:	28248
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0



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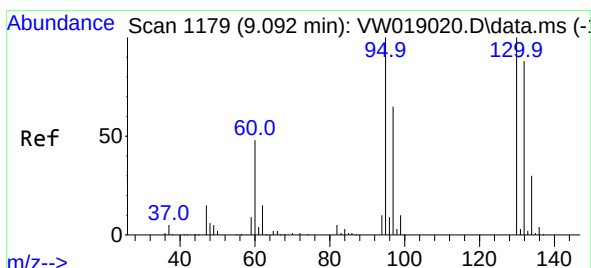
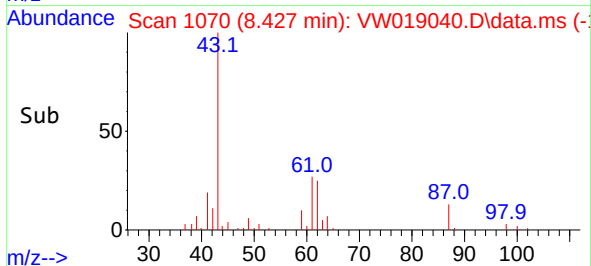
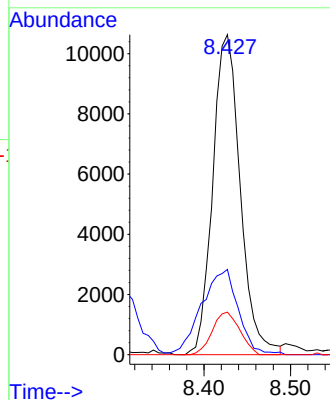
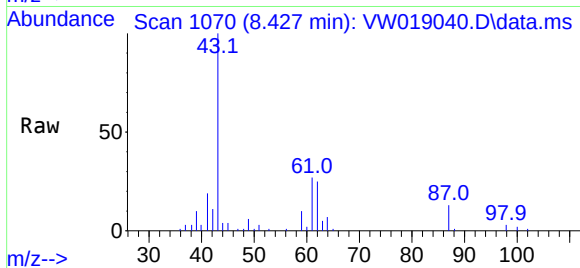
#43
Isopropyl Acetate
Concen: 5.19 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	43	Resp:	23495
Ion	Ratio	Lower	Upper
43	100		
61	35.4	27.0	40.6
87	13.3	11.6	17.4

Instrument :
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ClientSampleId :
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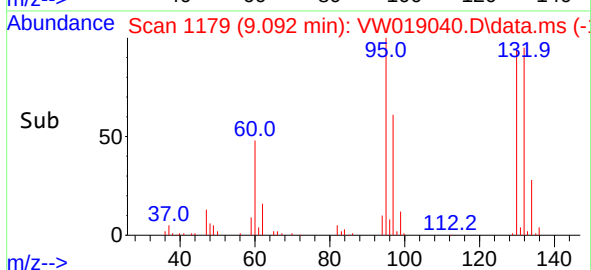
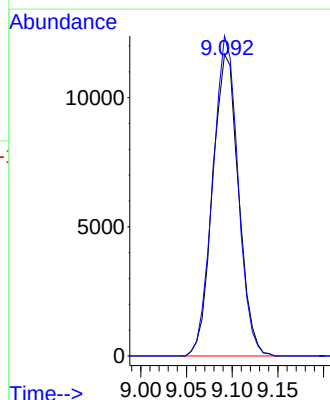
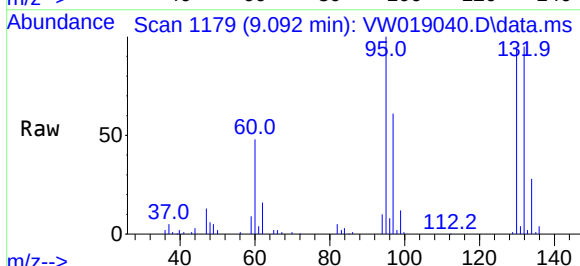
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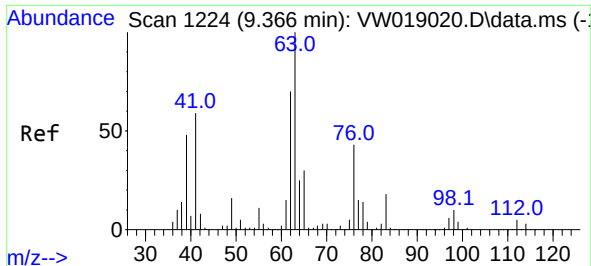
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#44
Trichloroethene
Concen: 5.12 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	130	Resp:	23118
Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	199.0





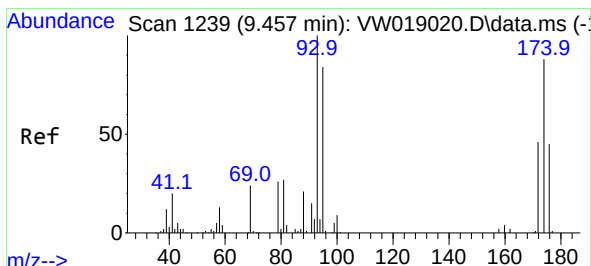
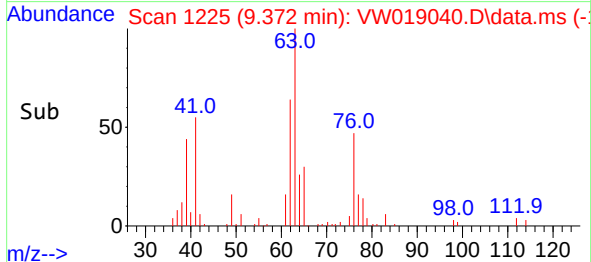
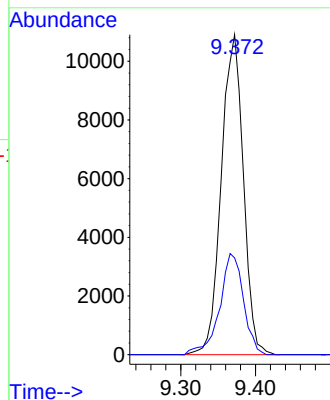
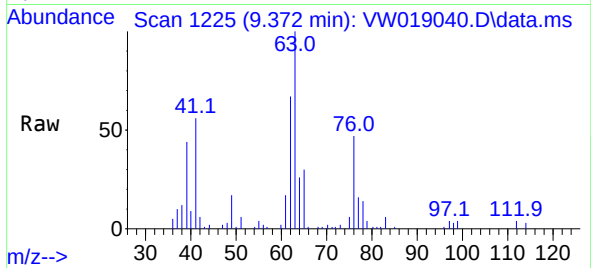
#45
1,2-Dichloropropane
Concen: 5.28 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 63 Resp: 22381
Ion Ratio Lower Upper
63 100
65 30.2 24.1 36.1

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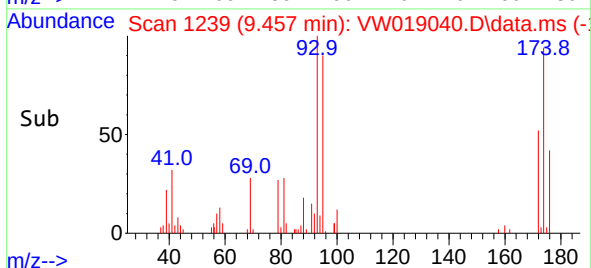
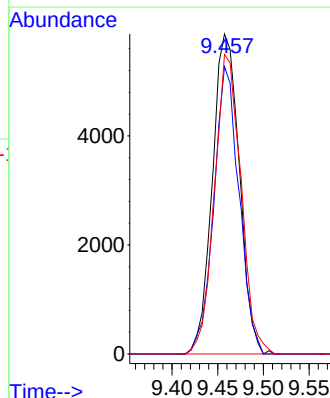
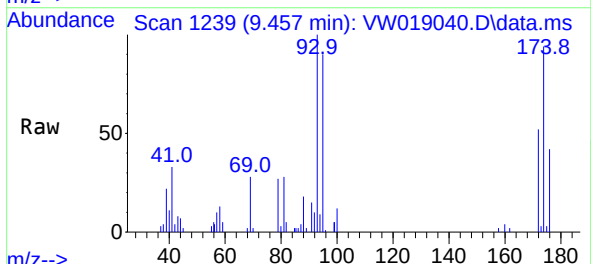
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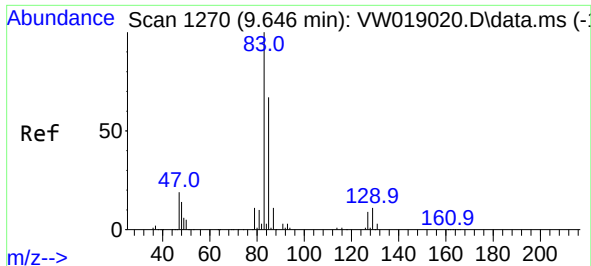
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#46
Dibromomethane
Concen: 5.22 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 93 Resp: 12026
Ion Ratio Lower Upper
93 100
95 84.2 66.7 100.1
174 92.0 75.3 112.9





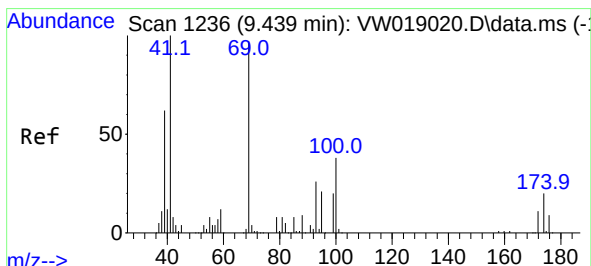
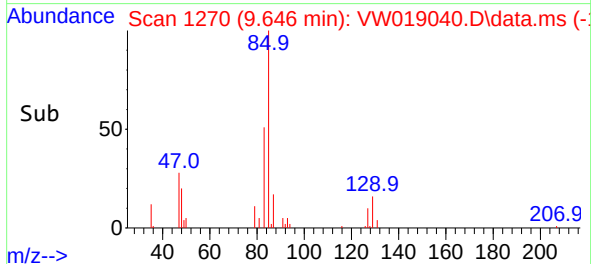
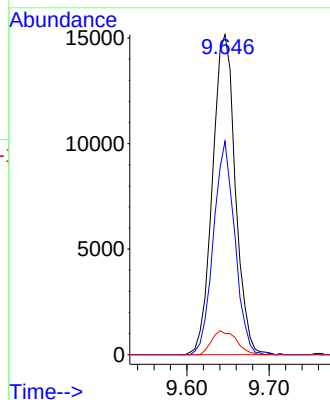
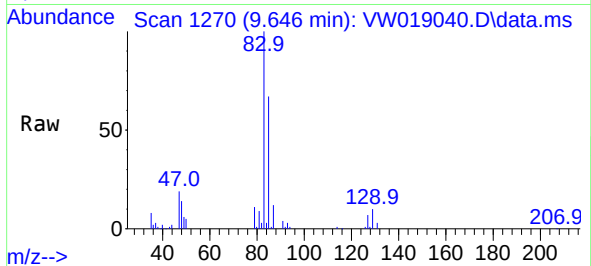
#47
Bromodichloromethane
Concen: 5.12 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	83	Resp:	29288
Ion Ratio	Lower	Upper	
83	100		
85	66.7	53.4	80.2
127	6.6	7.0	10.6#

Instrument :
MSVOA_W
ClientSampleId :
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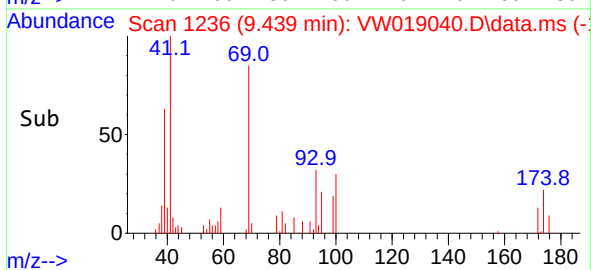
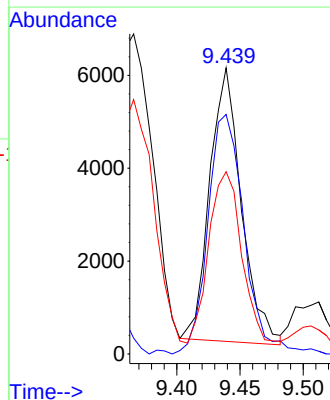
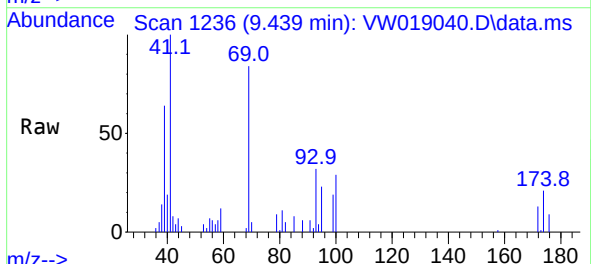
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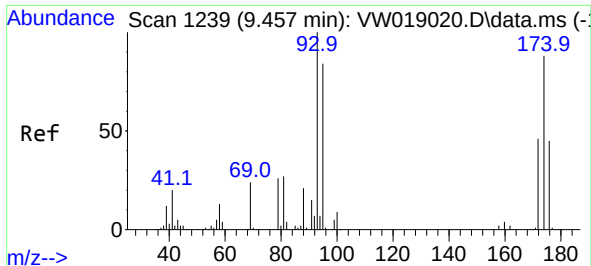
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#48
Methyl methacrylate
Concen: 4.93 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

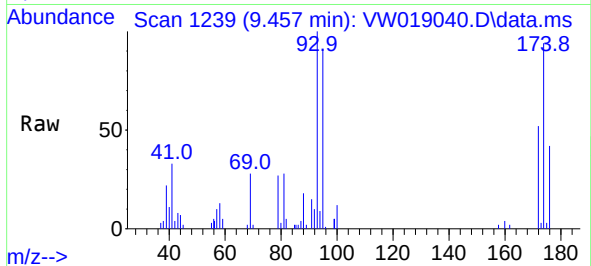
Tgt Ion:	41	Resp:	10248
Ion Ratio	Lower	Upper	
41	100		
69	100.7	80.2	120.2
39	74.4	51.5	77.3





#49
1,4-Dioxane
Concen: 93.00 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

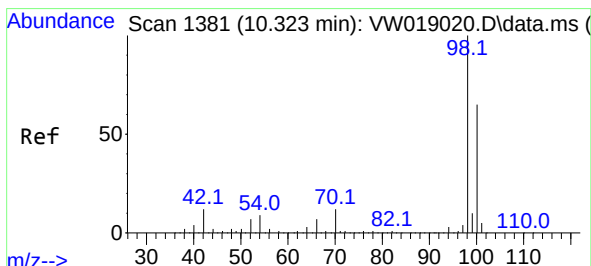
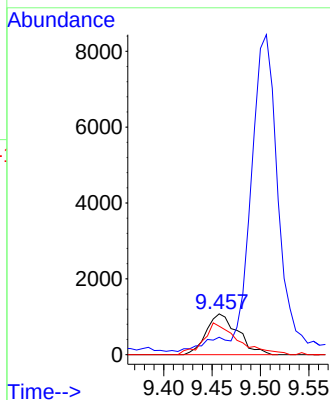
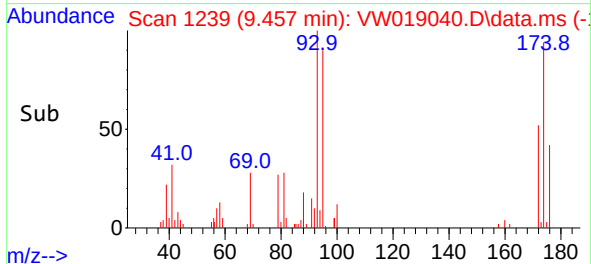
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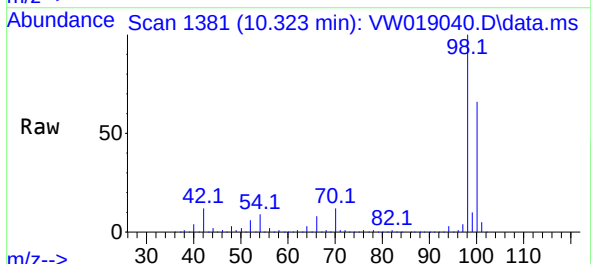
Tgt Ion: 88 Resp: 2440
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 84.3 55.4 83.2#

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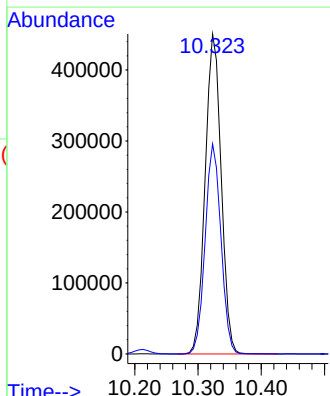
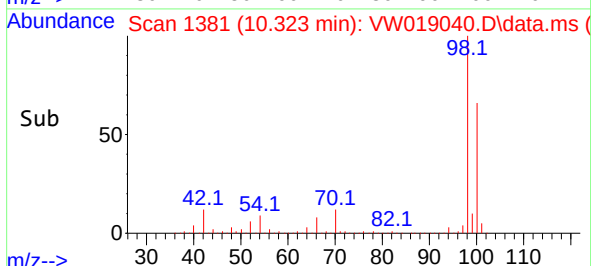
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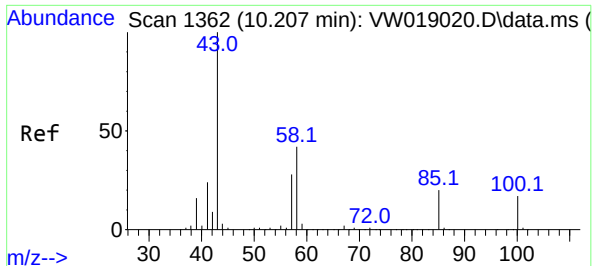


#50
Toluene-d8
Concen: 57.55 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



Tgt Ion: 98 Resp: 794103
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





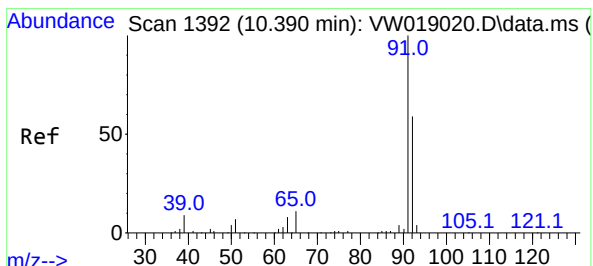
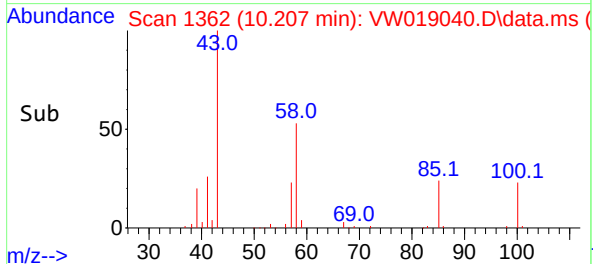
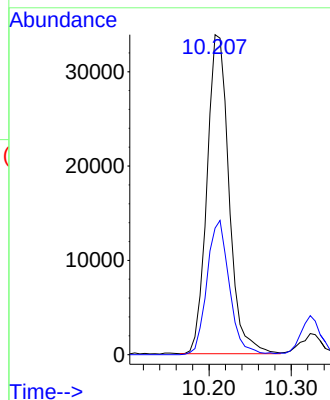
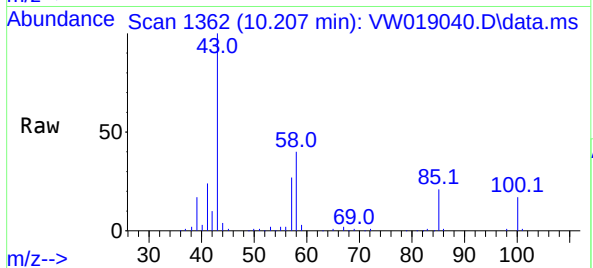
#51
4-Methyl-2-Pentanone
Concen: 26.90 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 43 Resp: 63047
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.4

Instrument :
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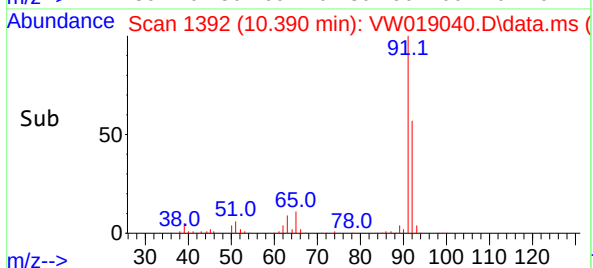
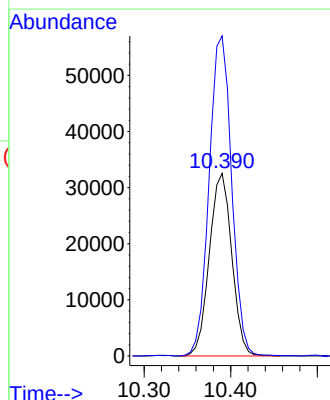
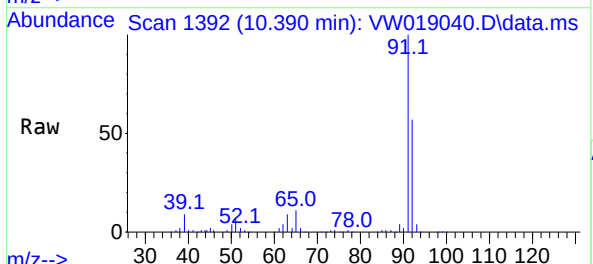
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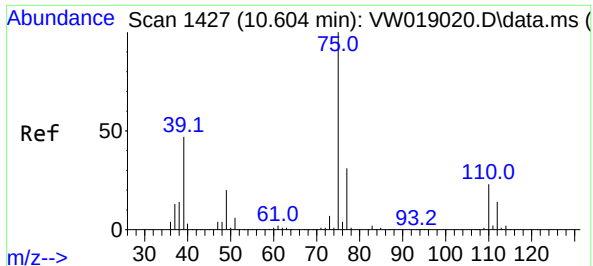
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#52
Toluene
Concen: 5.26 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 92 Resp: 58441
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





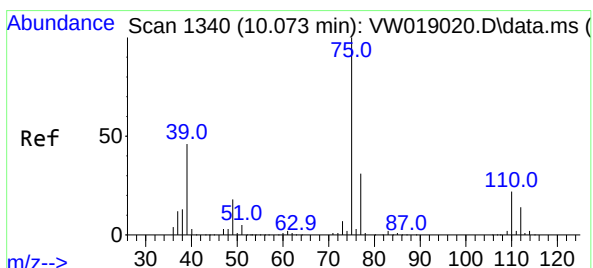
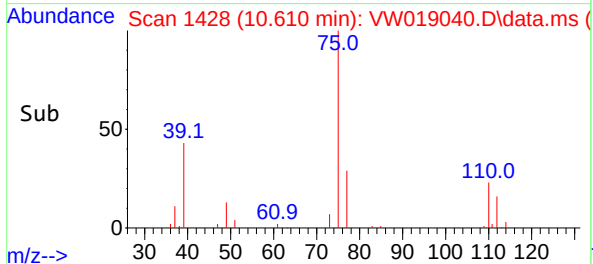
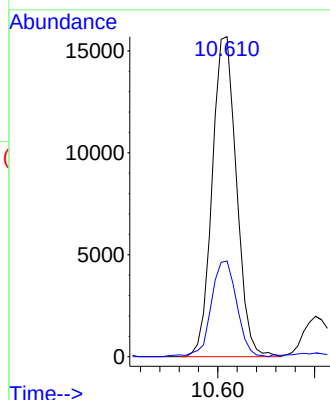
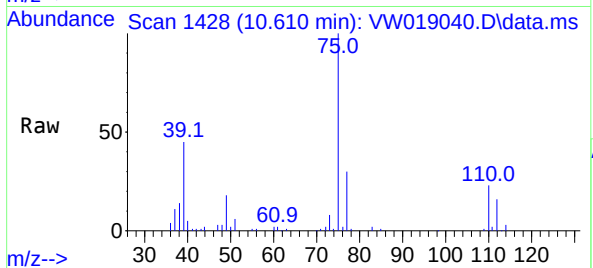
#53
t-1,3-Dichloropropene
Concen: 4.86 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 75 Resp: 27375
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2

Instrument :
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ClientSampleId :
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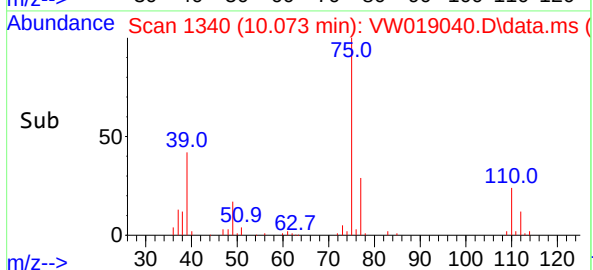
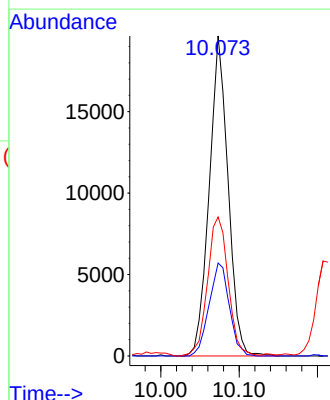
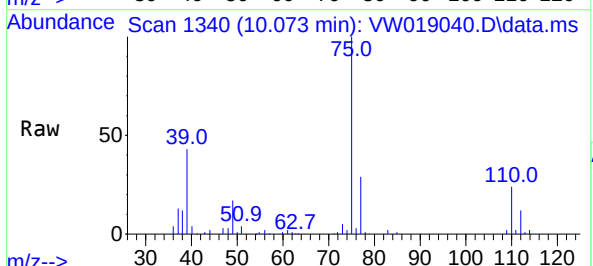
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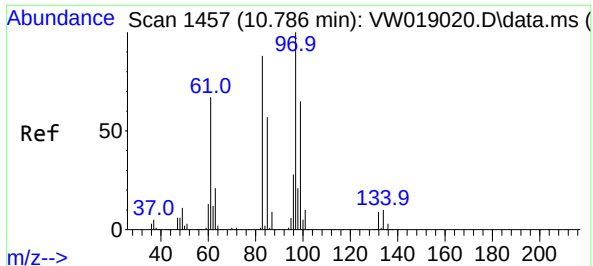
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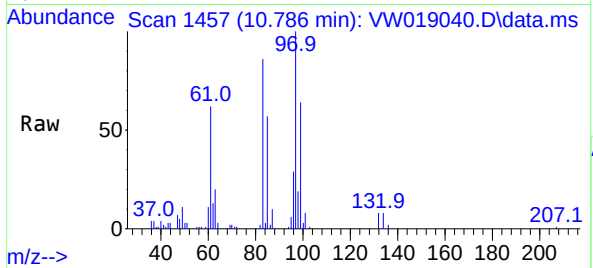
#54
cis-1,3-Dichloropropene
Concen: 4.89 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 75 Resp: 32808
Ion Ratio Lower Upper
75 100
77 29.1 25.0 37.6
39 43.4 36.9 55.3

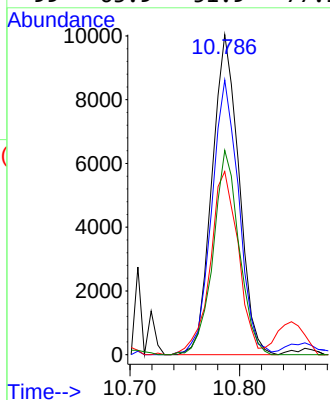




#55
1,1,2-Trichloroethane
Concen: 5.38 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019040.D
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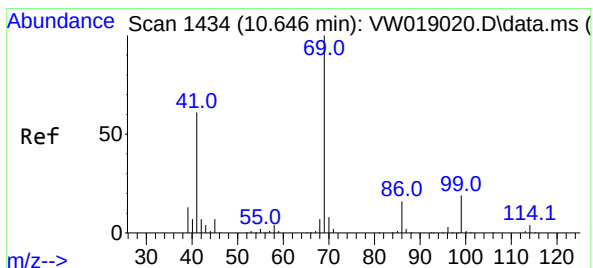
Tgt Ion:	97	Resp:	17101
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.6	106.0
85	56.5	45.8	68.6
99	63.9	51.9	77.9



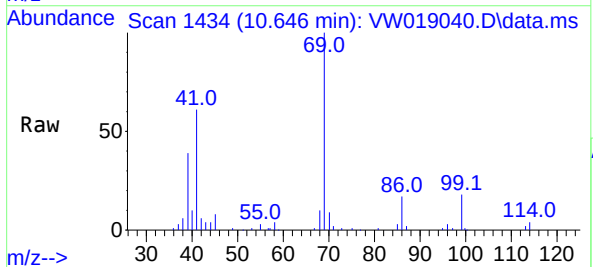
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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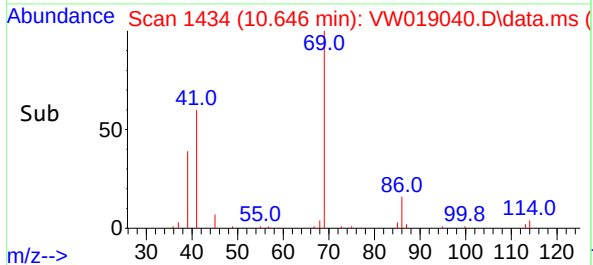
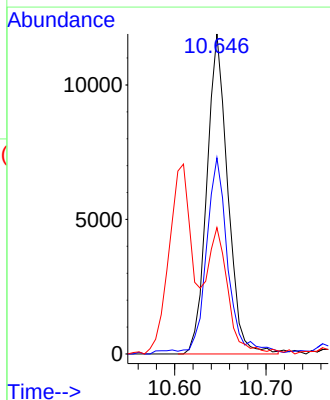
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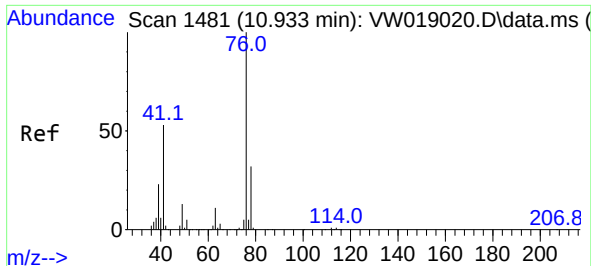


#56
Ethyl methacrylate
Concen: 4.72 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

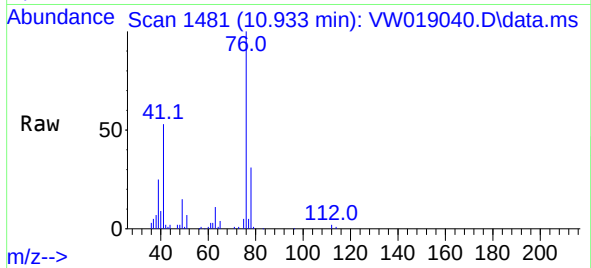


Tgt Ion:	69	Resp:	18860
Ion	Ratio	Lower	Upper
69	100		
41	61.1	48.7	73.1
39	36.9	29.0	43.4

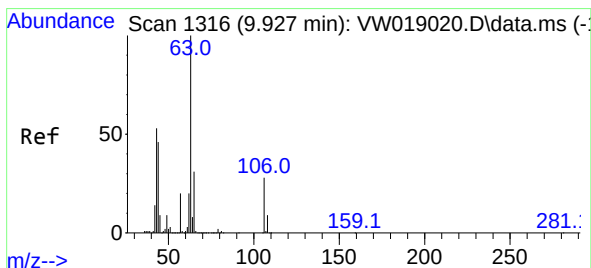
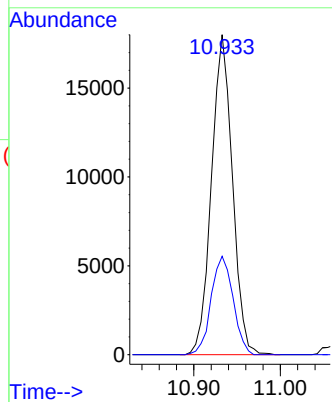
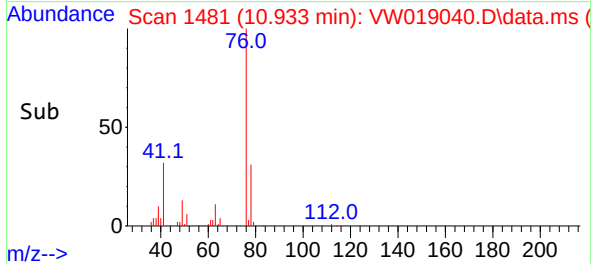




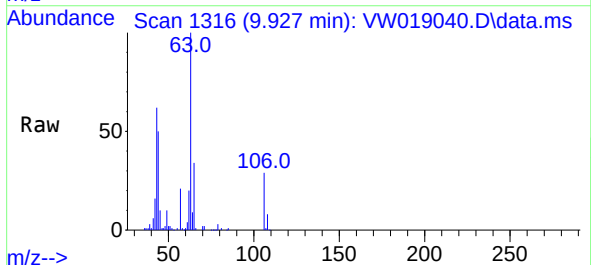
#57
1,3-Dichloropropane
Concen: 5.32 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



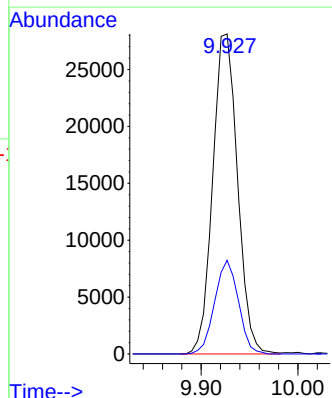
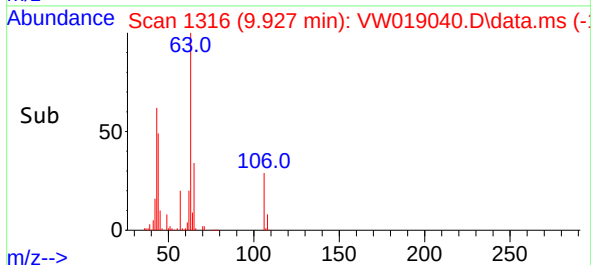
Tgt Ion: 76 Resp: 30247
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 24.27 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



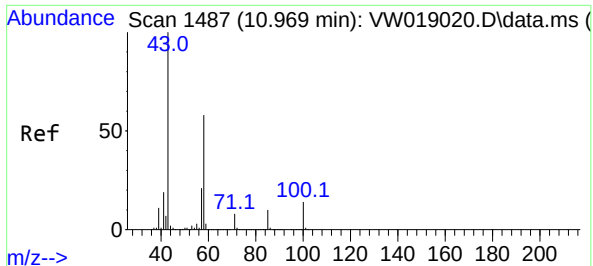
Tgt Ion: 63 Resp: 50152
Ion Ratio Lower Upper
63 100
106 27.9 22.3 33.5



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

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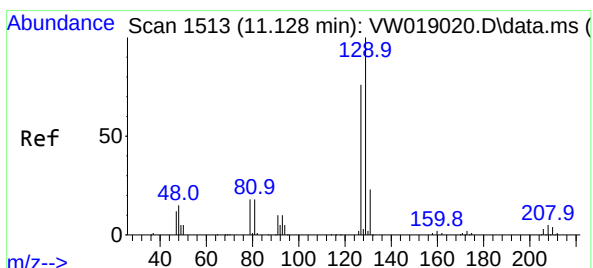
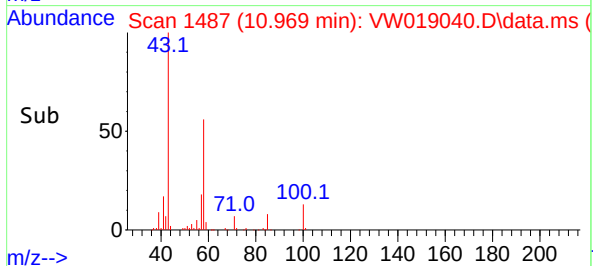
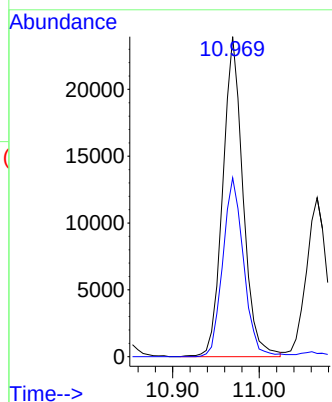
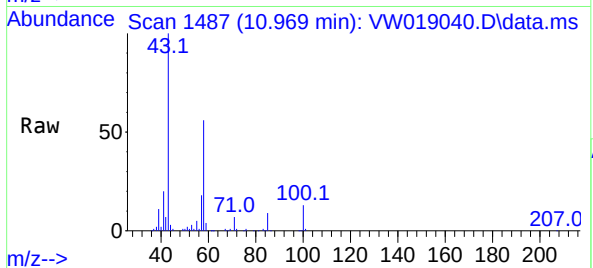
#59
2-Hexanone
Concen: 24.96 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 43 Resp: 38879
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1

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

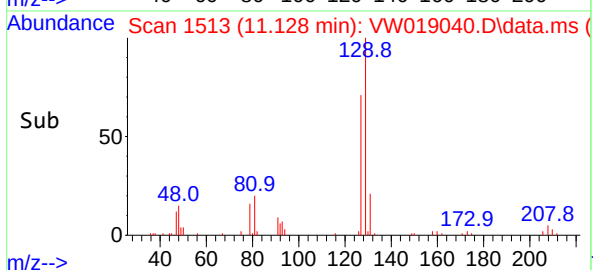
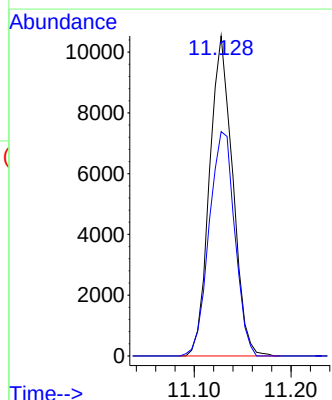
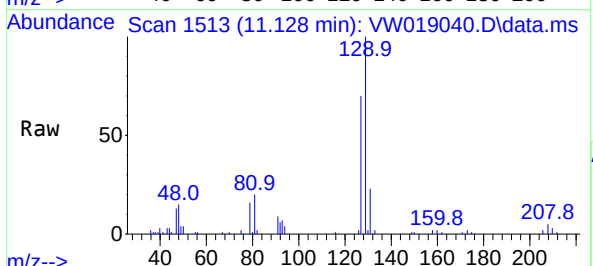
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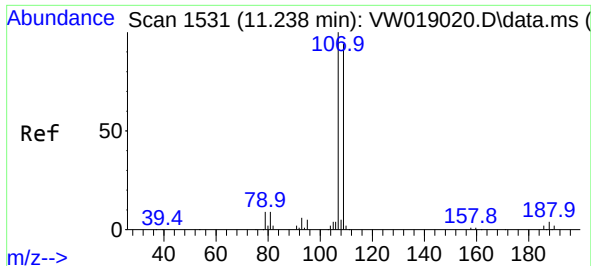
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#60
Dibromochloromethane
Concen: 4.92 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

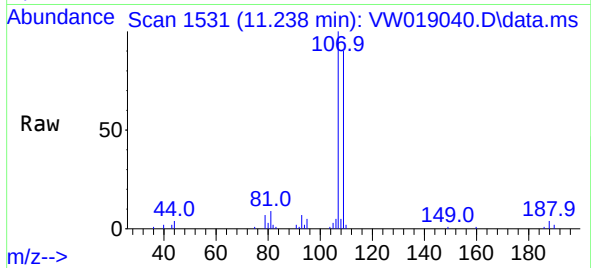
Tgt Ion: 129 Resp: 17507
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 5.22 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

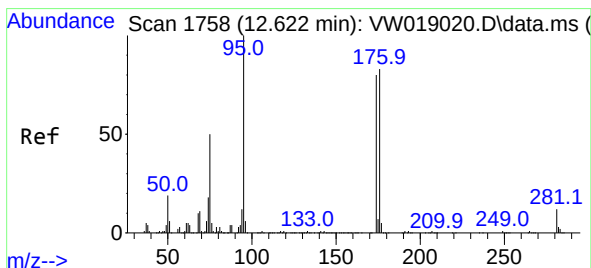
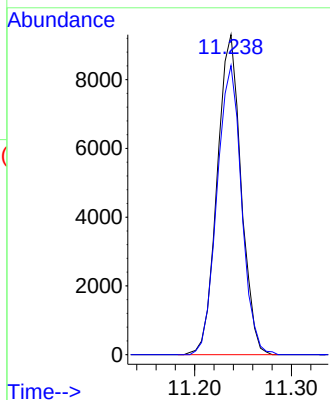
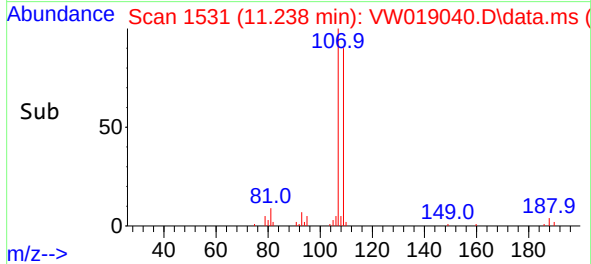
Instrument :
MSVOA_W
ClientSampleId :
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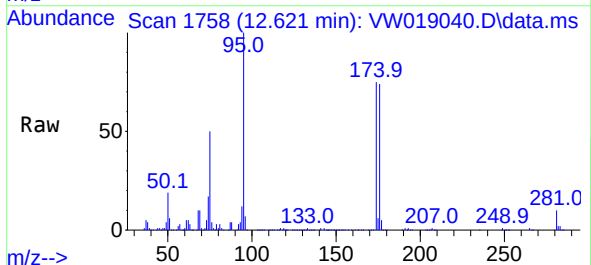
Tgt Ion:107 Resp: 15976
Ion Ratio Lower Upper
107 100
109 92.6 73.9 110.9

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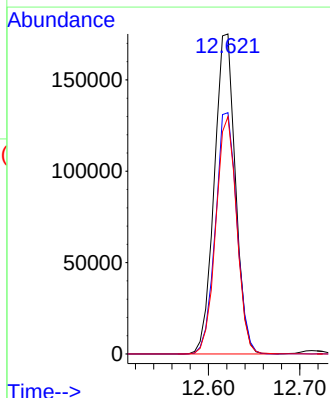
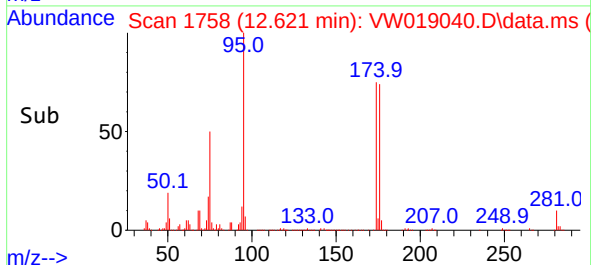
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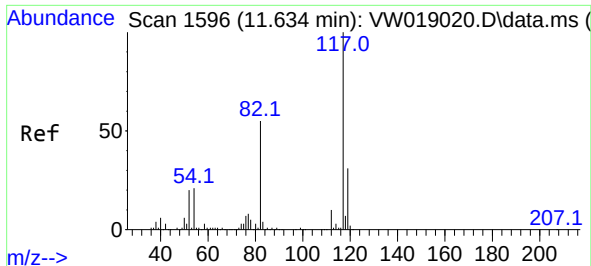


#62
4-Bromofluorobenzene
Concen: 56.71 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.001 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



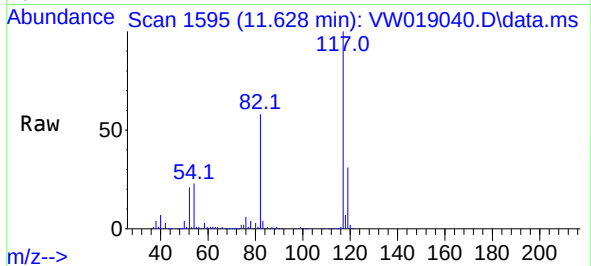
Tgt Ion: 95 Resp: 282073
Ion Ratio Lower Upper
95 100
174 76.4 0.0 156.2
176 73.0 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

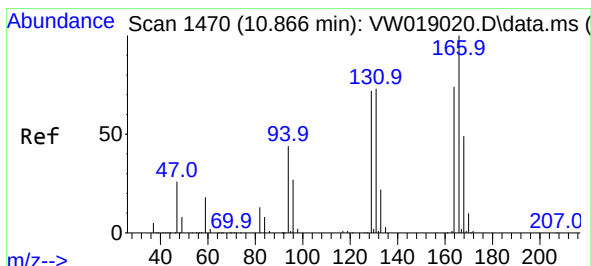
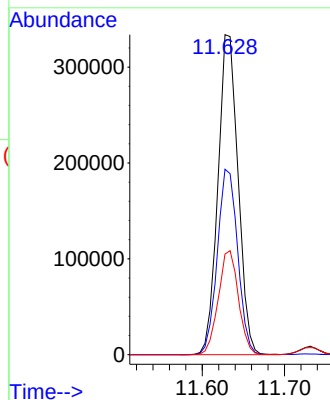
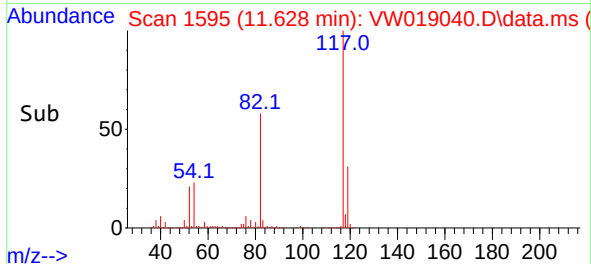
Instrument :
MSVOA_W
ClientSampleId :
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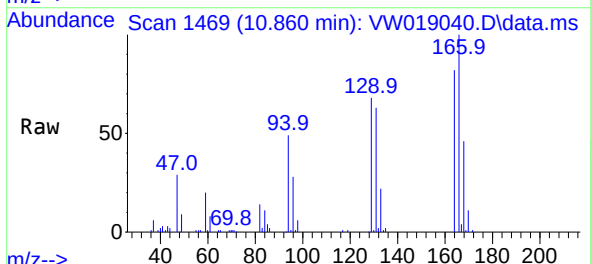
Tgt Ion:	117	Resp:	568950
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.4	66.6
119	31.4	24.6	36.8

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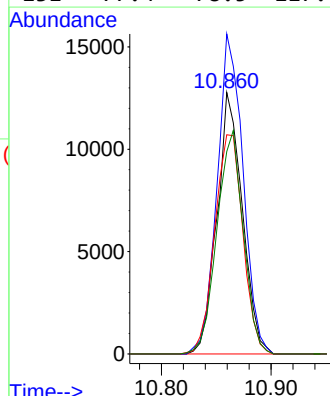
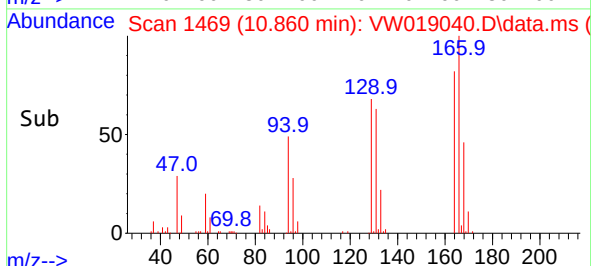
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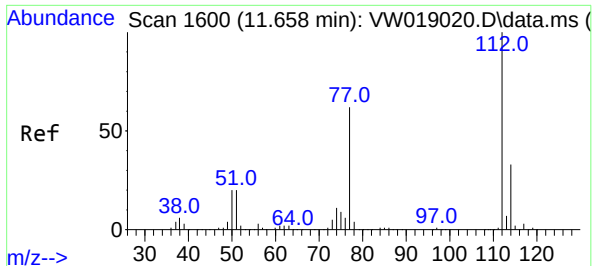


#64
Tetrachloroethene
Concen: 5.56 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



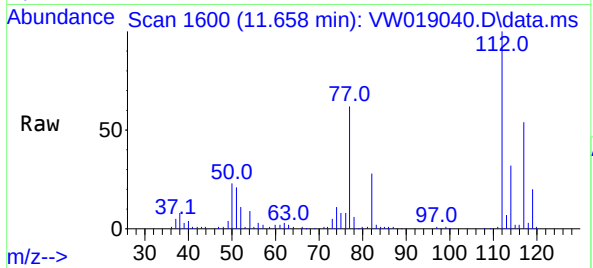
Tgt Ion:	164	Resp:	20543
Ion	Ratio	Lower	Upper
164	100		
166	122.4	107.8	161.8
129	83.8	77.3	115.9
131	77.4	78.5	117.7#





#65
Chlorobenzene
Concen: 5.21 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

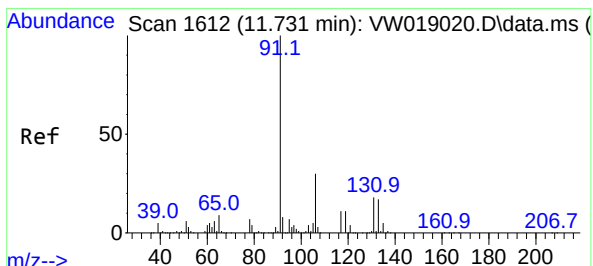
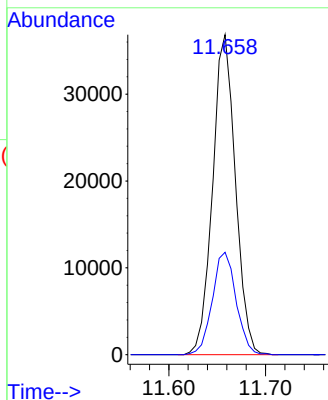
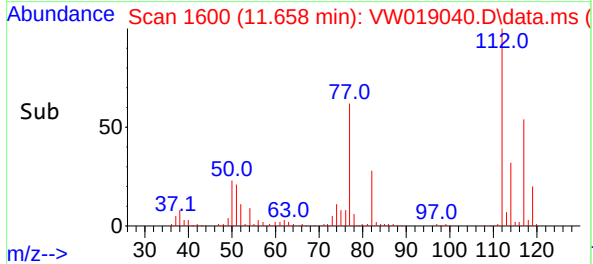
Instrument :
MSVOA_W
ClientSampleId :
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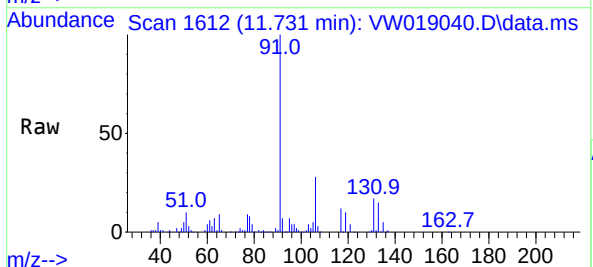
Tgt Ion:112 Resp: 60323
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

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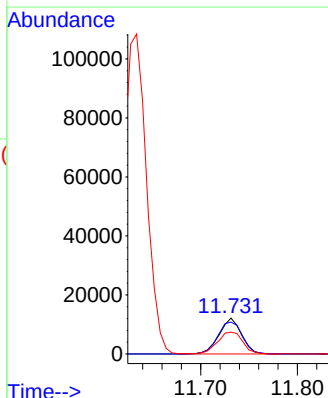
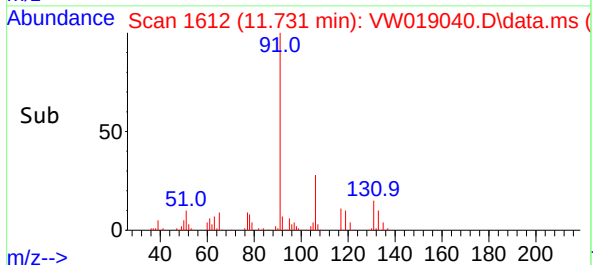
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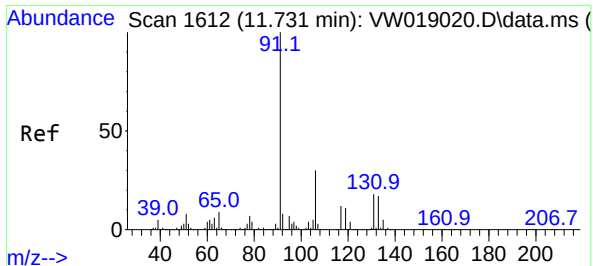


#66
1,1,1,2-Tetrachloroethane
Concen: 4.93 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



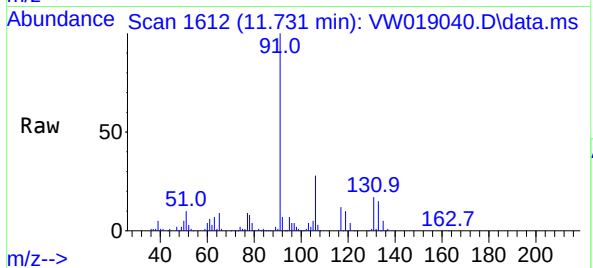
Tgt Ion:131 Resp: 19493
Ion Ratio Lower Upper
131 100
133 98.6 48.1 144.3
119 69.4 33.1 99.2





#67
Ethyl Benzene
Concen: 5.11 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

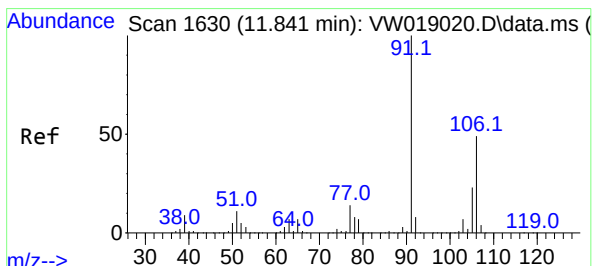
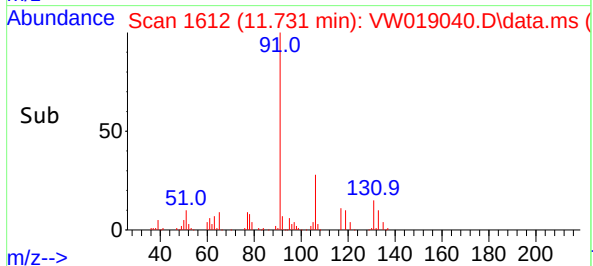
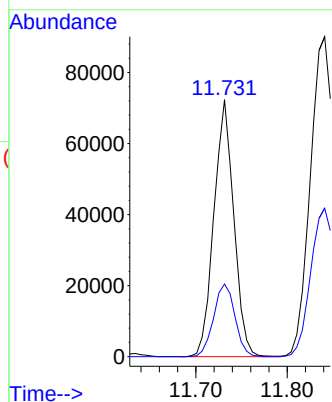
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 91 Resp: 109424
Ion Ratio Lower Upper
91 100
106 28.3 24.0 36.0

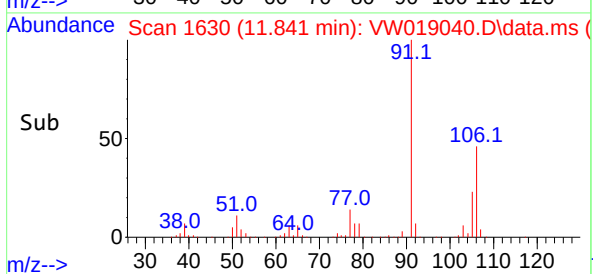
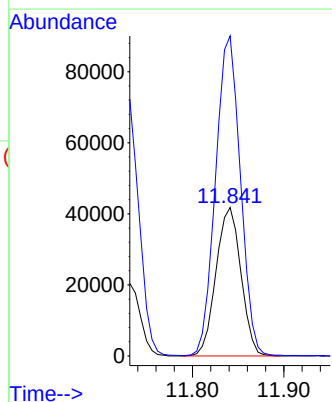
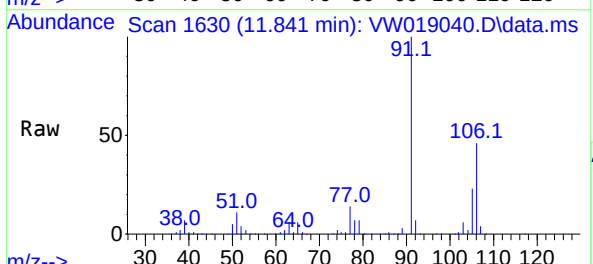
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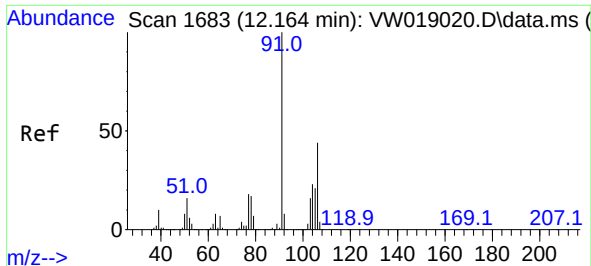
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#68
m/p-Xylenes
Concen: 9.85 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

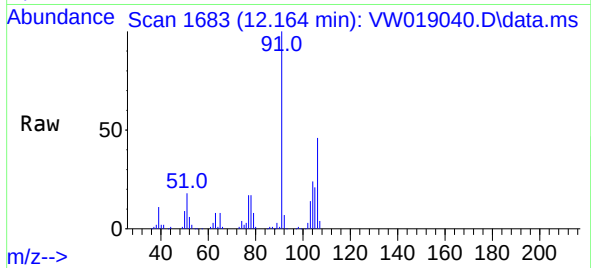
Tgt Ion: 106 Resp: 79200
Ion Ratio Lower Upper
106 100
91 214.8 164.2 246.2





#69
o-Xylene
Concen: 5.14 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

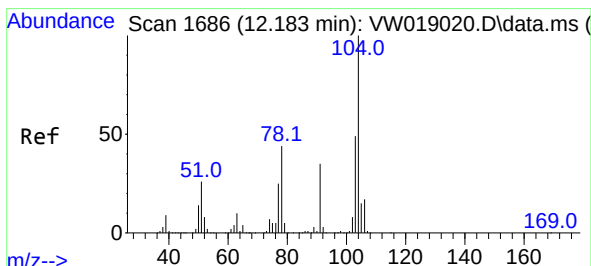
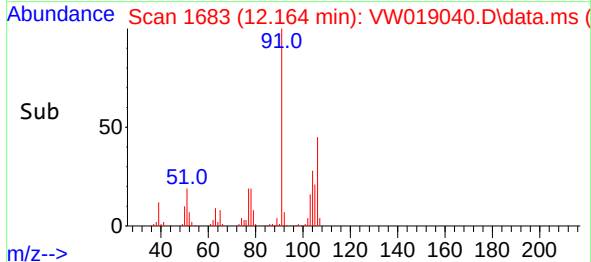
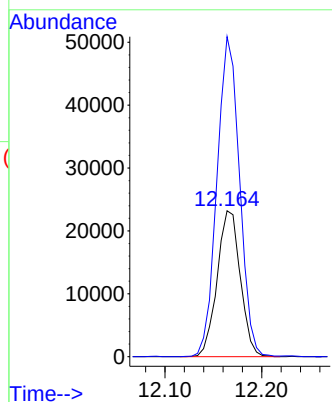
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:106 Resp: 38522
Ion Ratio Lower Upper
106 100
91 214.3 109.1 327.2

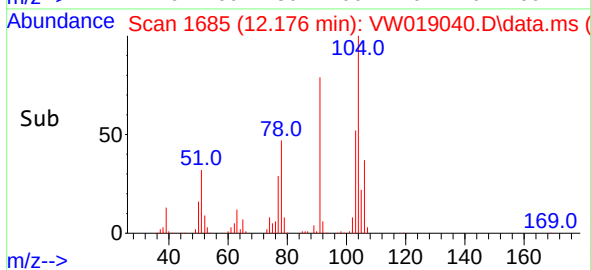
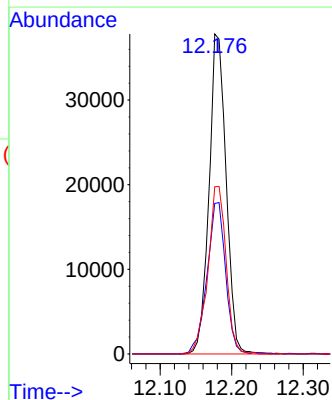
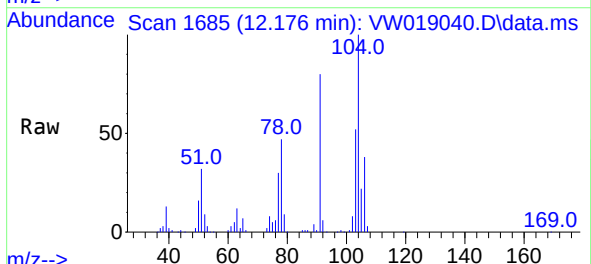
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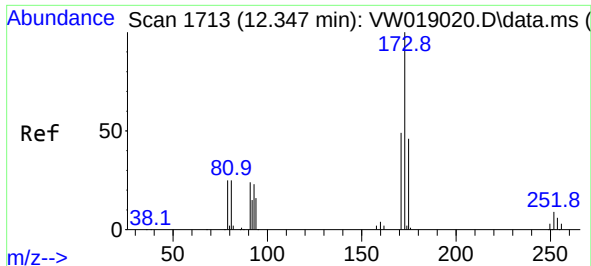
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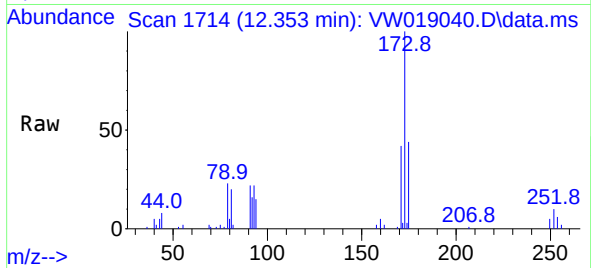
#70
Styrene
Concen: 4.93 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:104 Resp: 62785
Ion Ratio Lower Upper
104 100
78 51.4 41.3 61.9
103 55.9 44.1 66.1

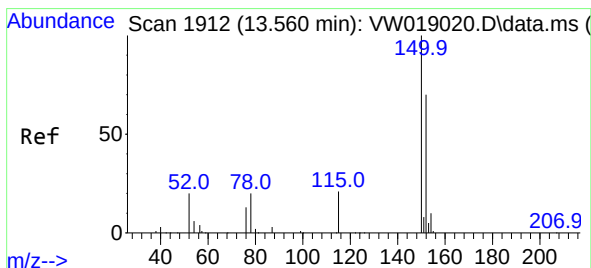
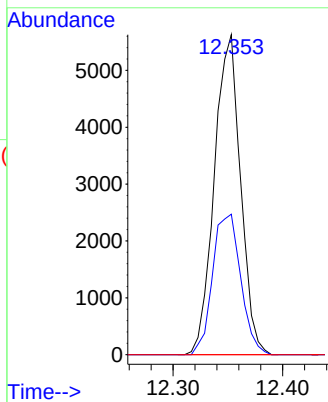
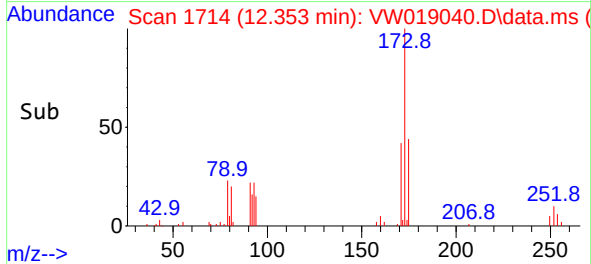




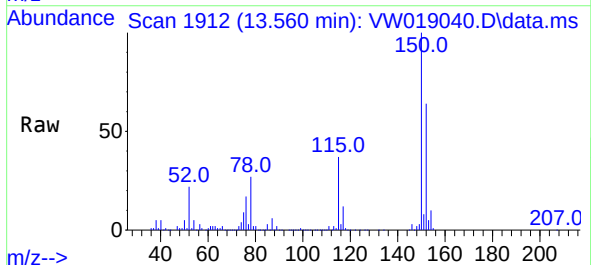
#71
Bromoform
Concen: 4.71 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



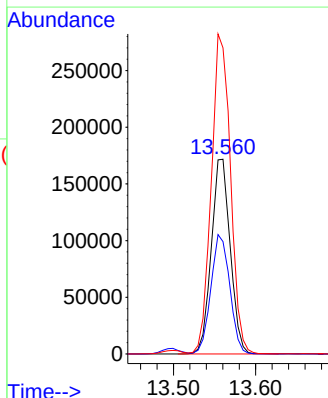
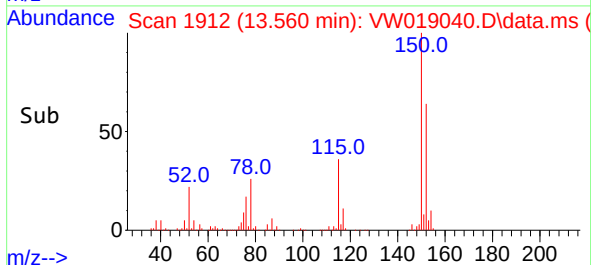
Tgt Ion:173 Resp: 9346
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



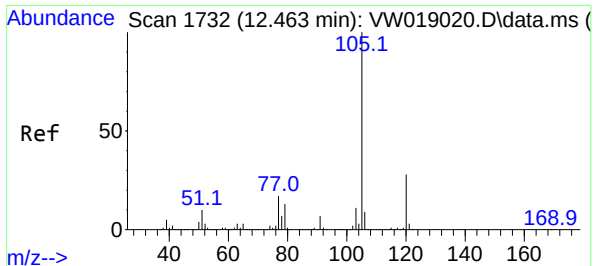
Tgt Ion:152 Resp: 274594
Ion Ratio Lower Upper
152 100
115 61.2 30.3 90.8
150 166.5 0.0 356.0



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

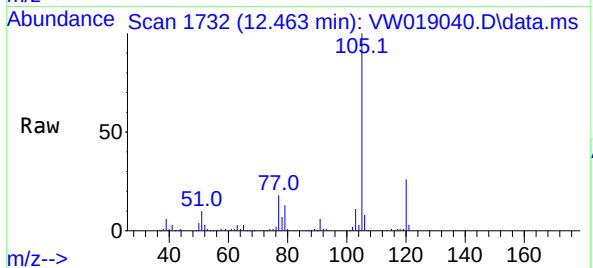
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#73
Isopropylbenzene
Concen: 5.04 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

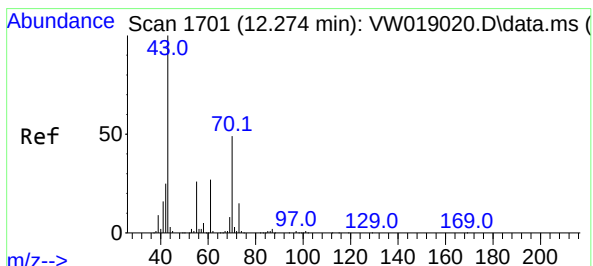
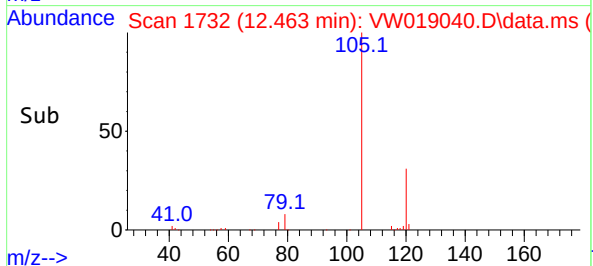
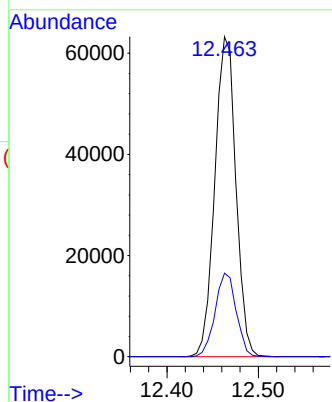
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



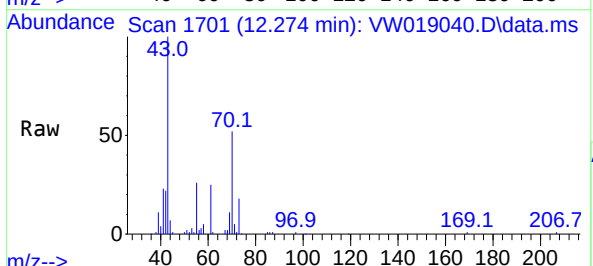
Tgt Ion:105 Resp: 101404
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

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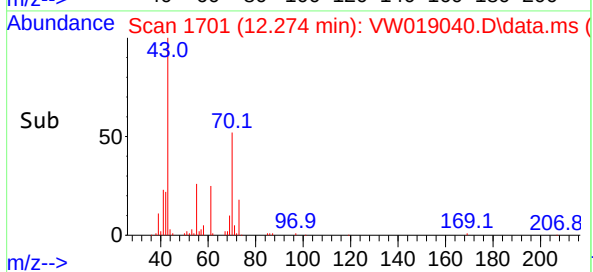
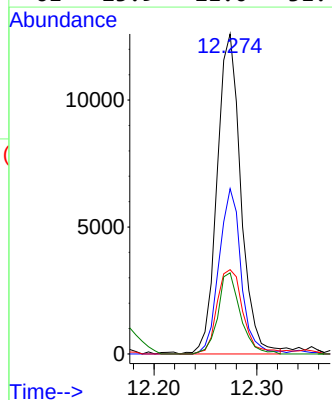
MMDadoda
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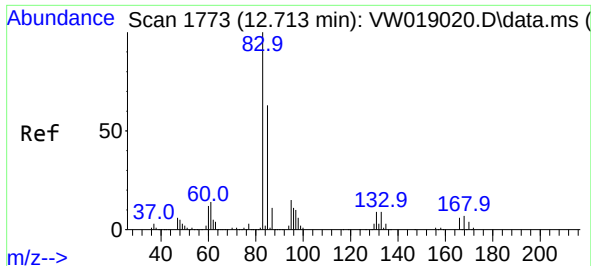


#74
N-ethyl acetate
Concen: 4.87 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



Tgt Ion: 43 Resp: 20212
Ion Ratio Lower Upper
43 100
70 48.2 38.4 57.6
55 29.3 21.6 32.4
61 23.9 21.0 31.4





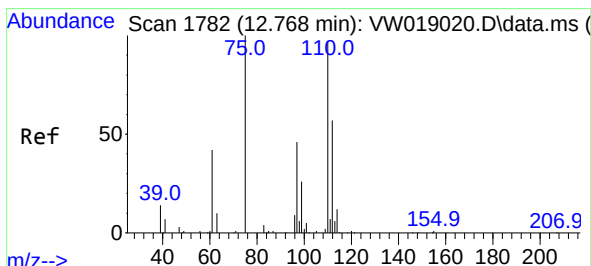
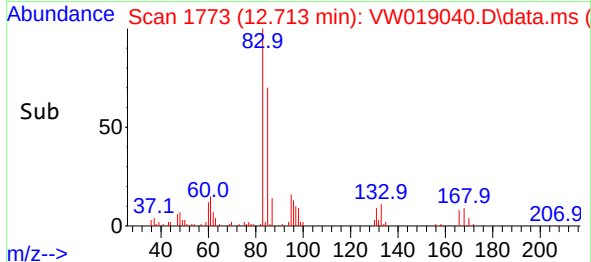
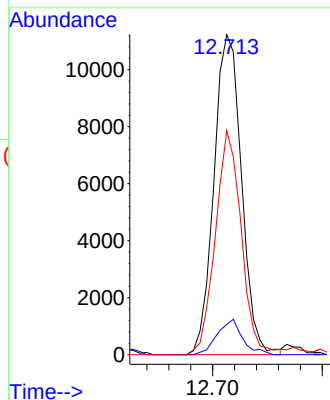
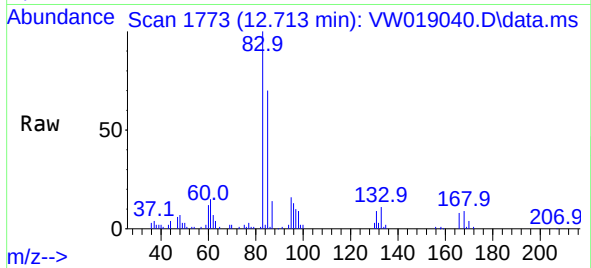
#75
1,1,2,2-Tetrachloroethane
Concen: 5.45 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	83	Resp:	19631
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	65.4	31.6	94.8

Instrument :
MSVOA_W
ClientSampleId :
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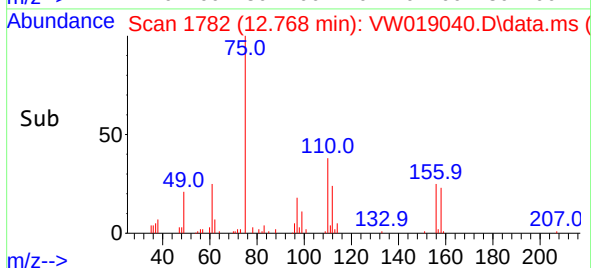
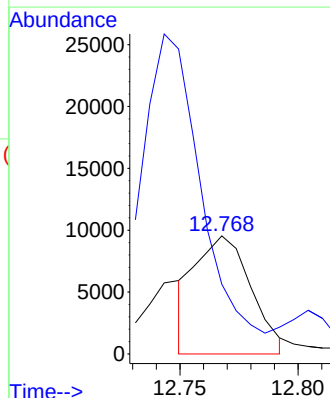
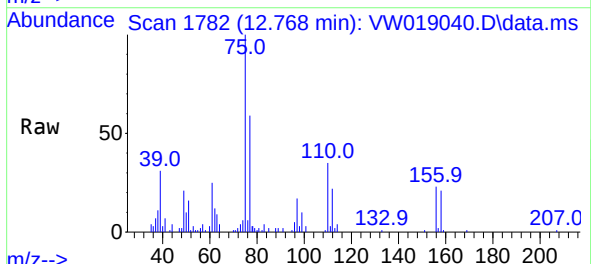
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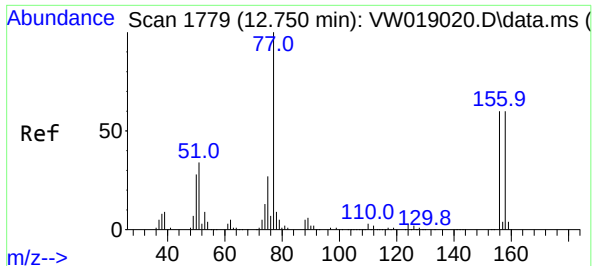
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#76
1,2,3-Trichloropropane
Concen: 6.05 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	75	Resp:	15677
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





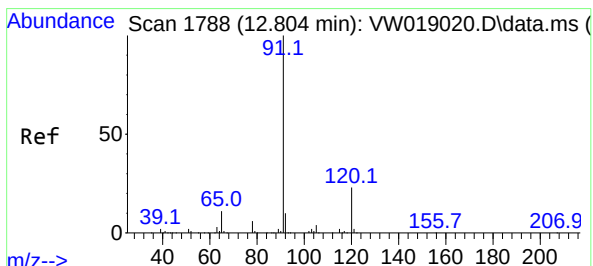
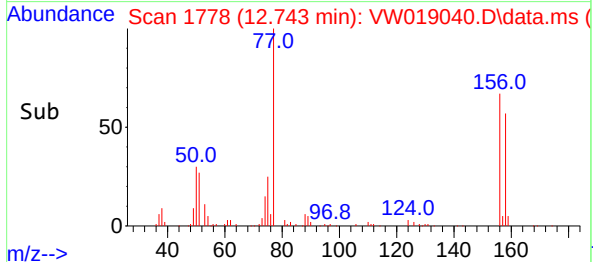
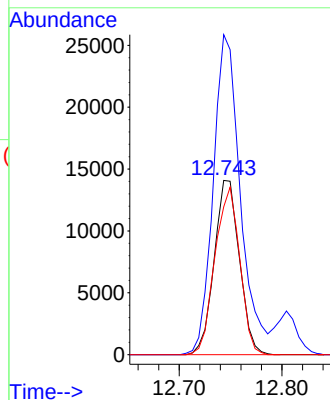
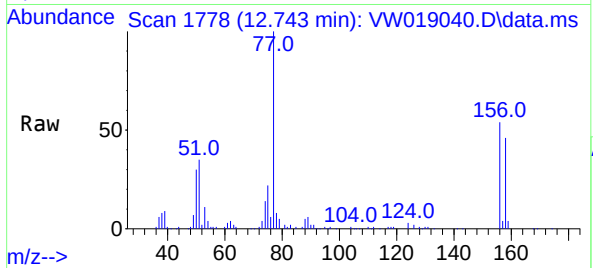
#77
Bromobenzene
Concen: 5.41 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 156 Resp: 23988
Ion Ratio Lower Upper
156 100
77 197.2 96.7 290.0
158 94.5 48.4 145.3

Instrument :
MSVOA_W
ClientSampleId :
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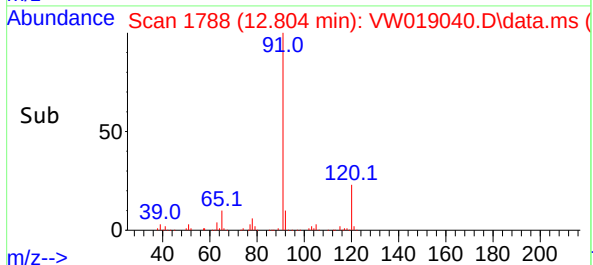
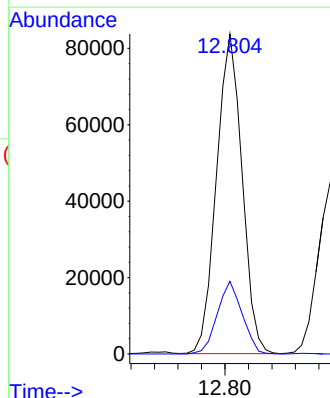
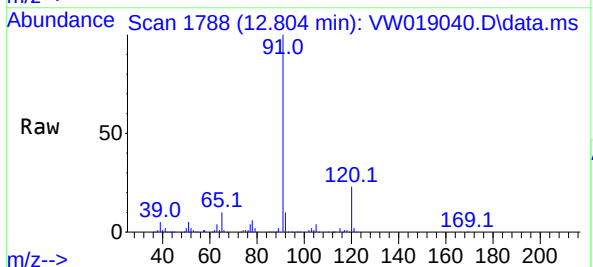
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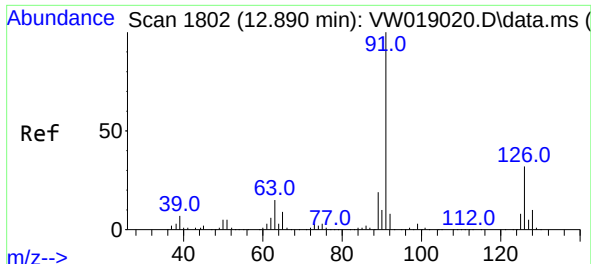
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#78
n-propylbenzene
Concen: 5.14 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 91 Resp: 126371
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





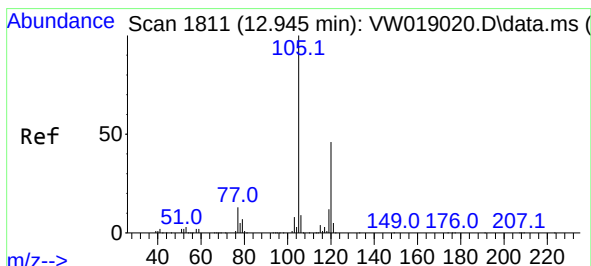
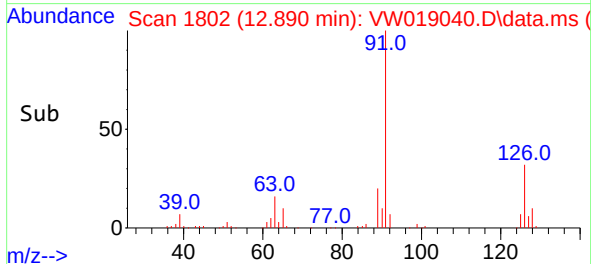
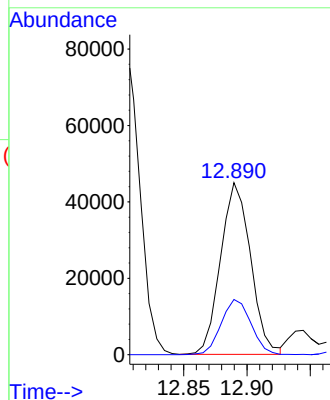
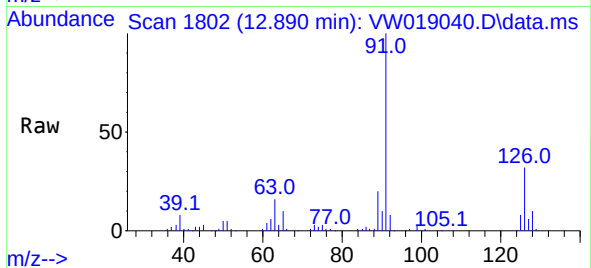
#79
2-Chlorotoluene
Concen: 5.30 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 91 Resp: 74283
Ion Ratio Lower Upper
91 100
126 31.9 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
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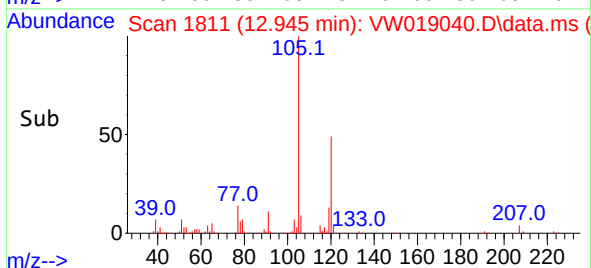
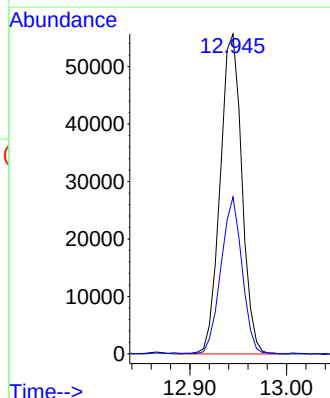
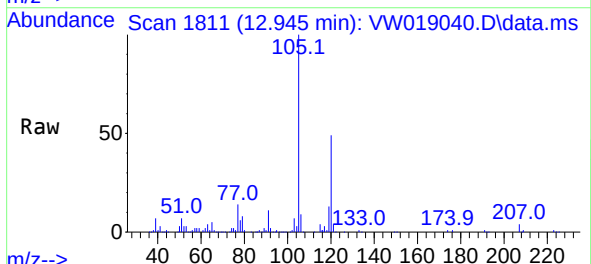
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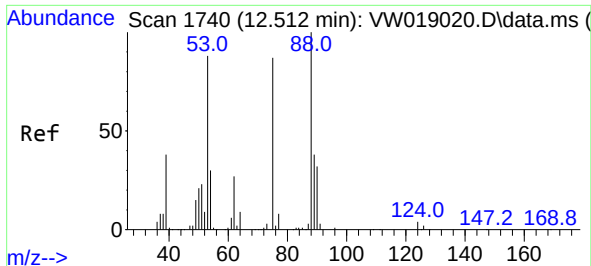
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#80
1,3,5-Trimethylbenzene
Concen: 5.07 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

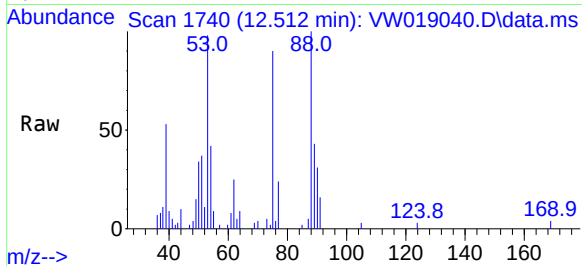
Tgt Ion: 105 Resp: 86600
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.59 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

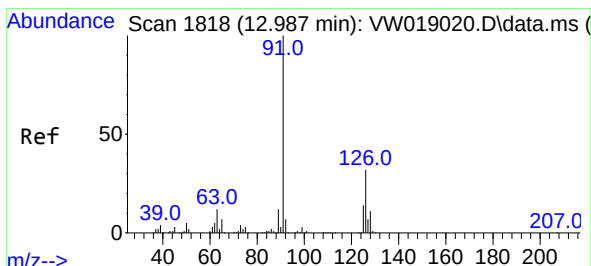
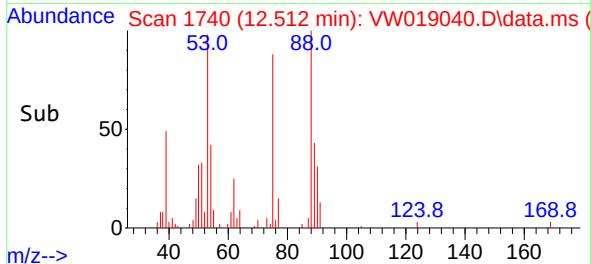
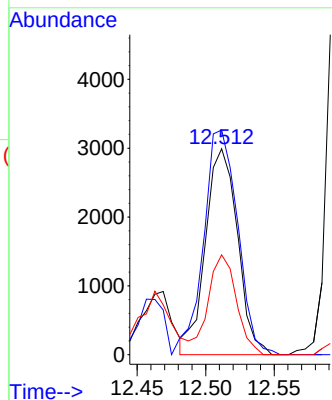
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



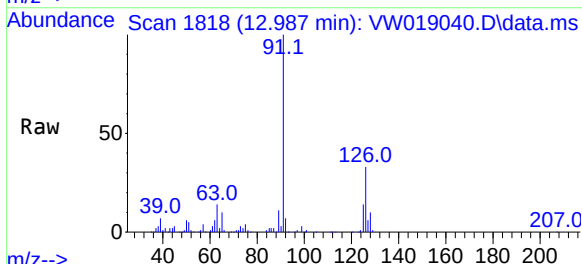
Tgt Ion	Ratio	Lower	Upper
75	100		
53	115.6	81.5	122.3
89	42.6	36.3	54.5

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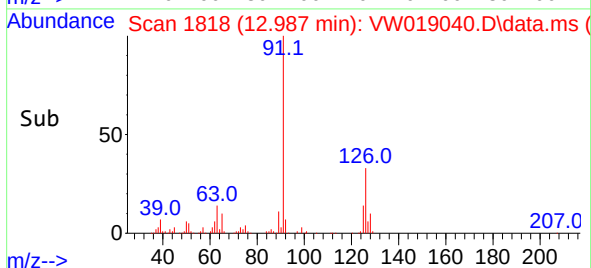
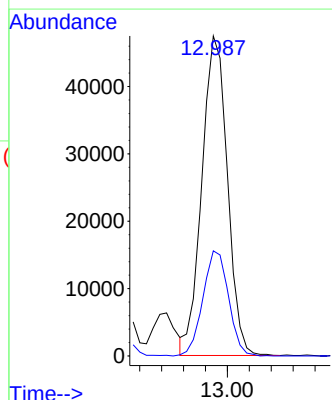
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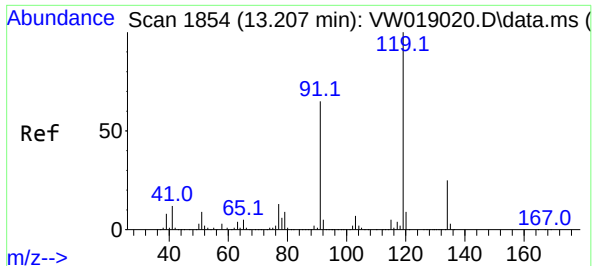


#82
4-Chlorotoluene
Concen: 5.15 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

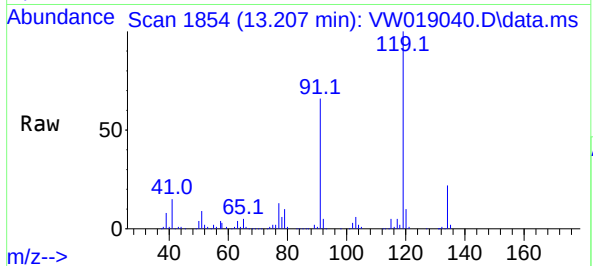


Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.1	48.2

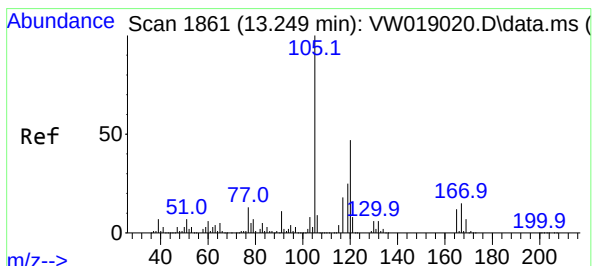
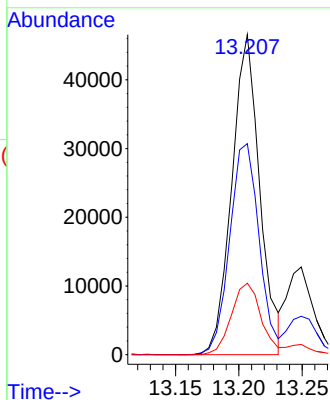
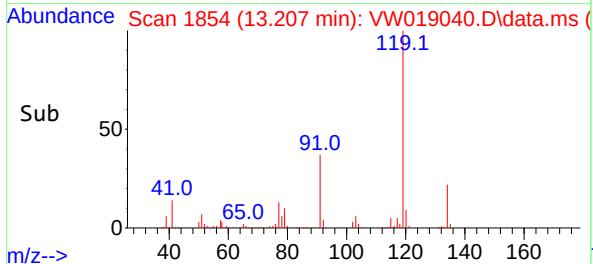




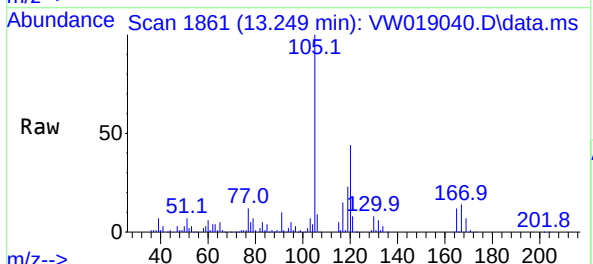
#83
tert-Butylbenzene
Concen: 4.98 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



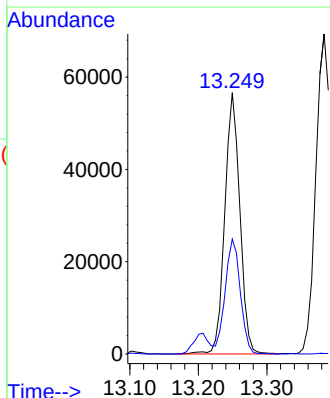
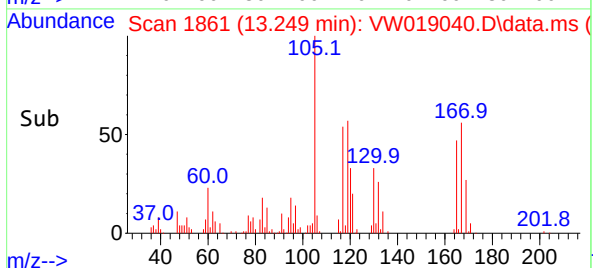
Tgt Ion:119 Resp: 71683
Ion Ratio Lower Upper
119 100
91 69.5 34.0 102.0
134 24.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 5.09 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



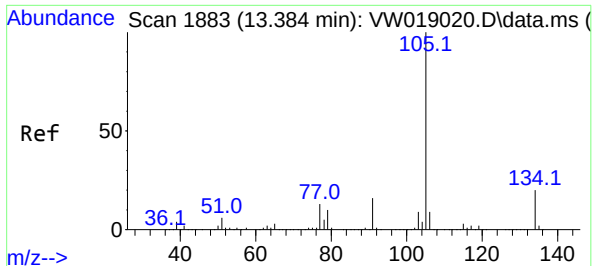
Tgt Ion:105 Resp: 86315
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0



Instrument :
MSVOA_W
ClientSampleId :
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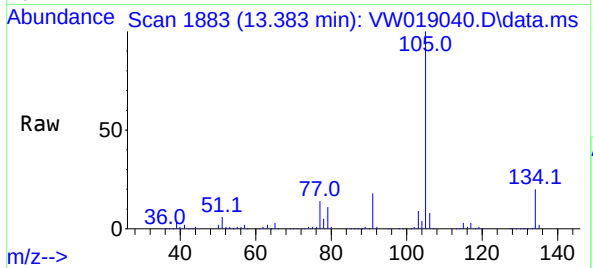
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#85
sec-Butylbenzene
Concen: 5.07 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

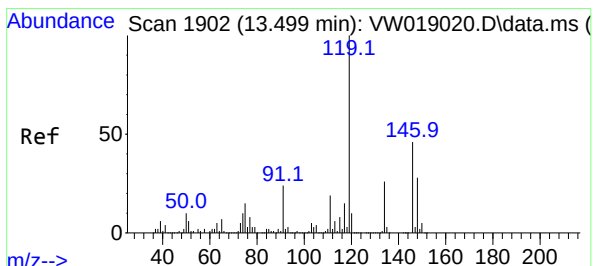
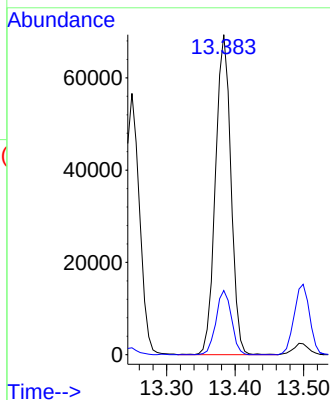
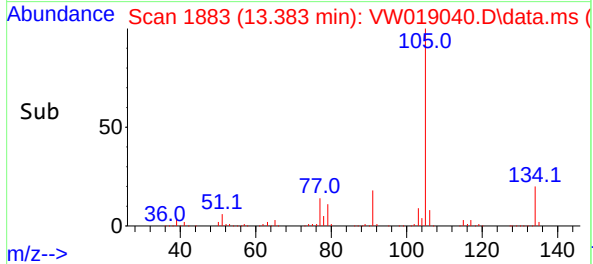
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021



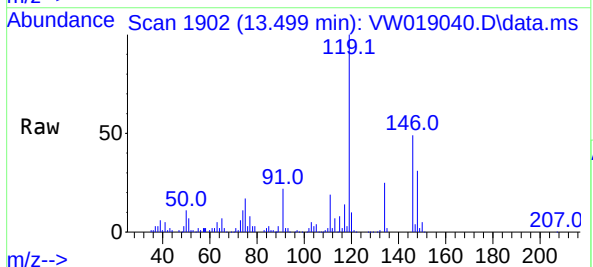
Tgt Ion:105 Resp: 108224
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.1

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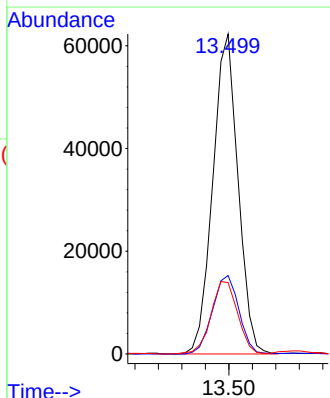
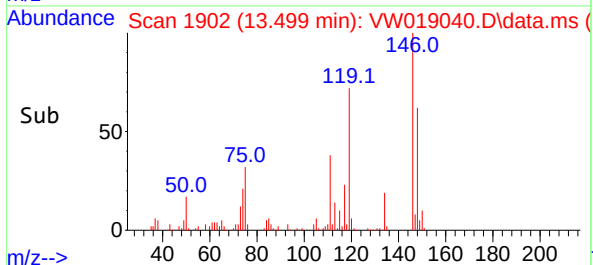
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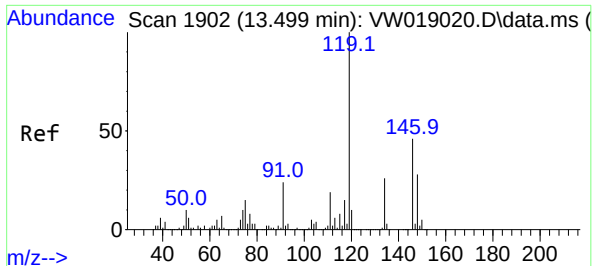


#86
p-Isopropyltoluene
Concen: 5.02 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

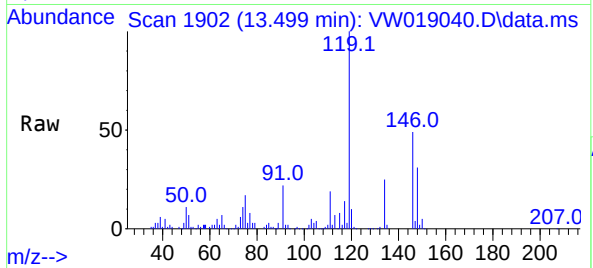


Tgt Ion:119 Resp: 92850
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.3
91 24.0 12.1 36.3

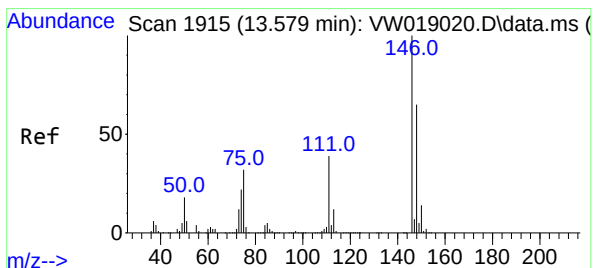
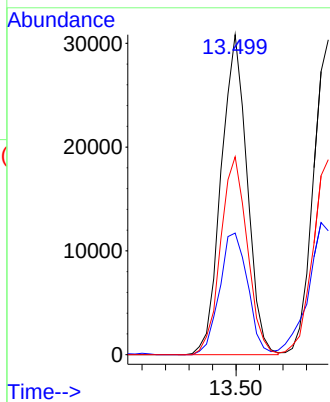
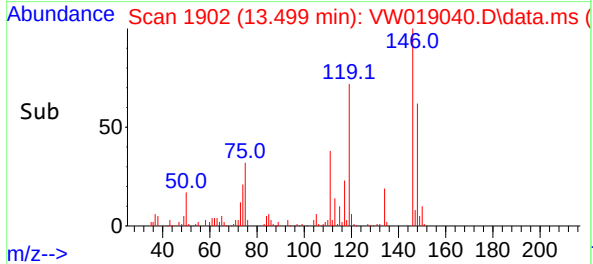




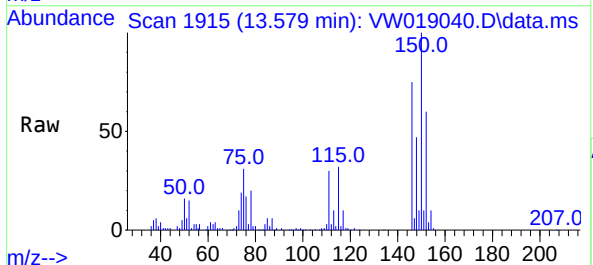
#87
1,3-Dichlorobenzene
Concen: 5.21 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



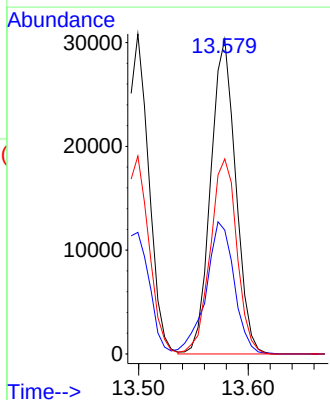
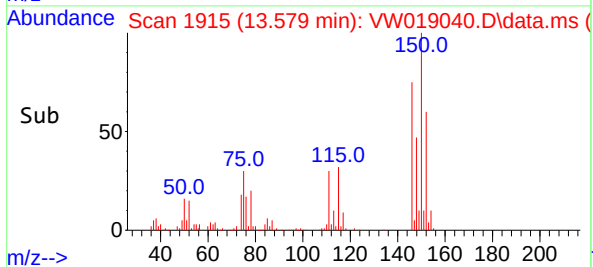
Tgt Ion:146 Resp: 47254
Ion Ratio Lower Upper
146 100
111 41.3 20.7 62.1
148 63.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.39 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



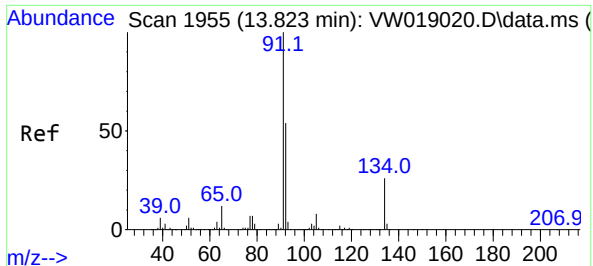
Tgt Ion:146 Resp: 48107
Ion Ratio Lower Upper
146 100
111 47.4 20.1 60.3
148 65.9 32.4 97.2



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

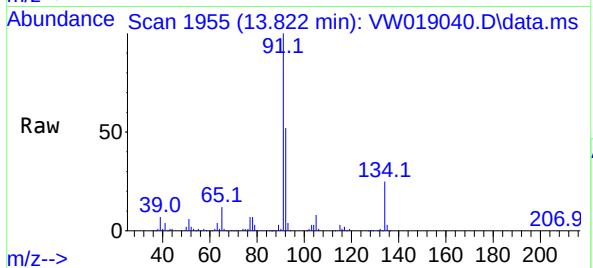
Manual Integrations
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#89
n-Butylbenzene
Concen: 4.91 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

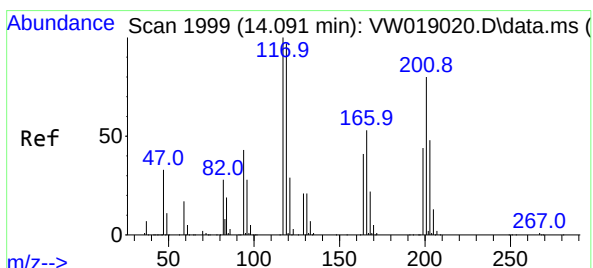
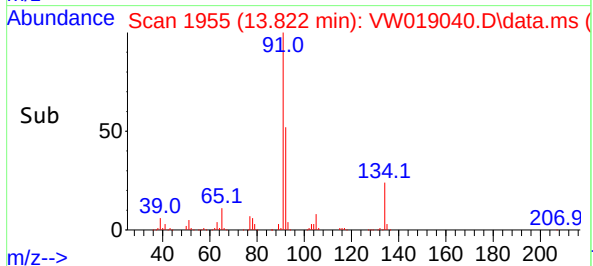
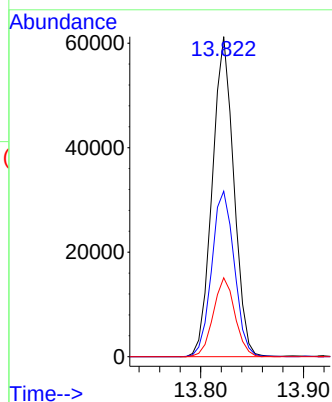
Instrument :
MSVOA_W
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Tgt Ion: 91 Resp: 89275
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 24.8 12.7 38.0

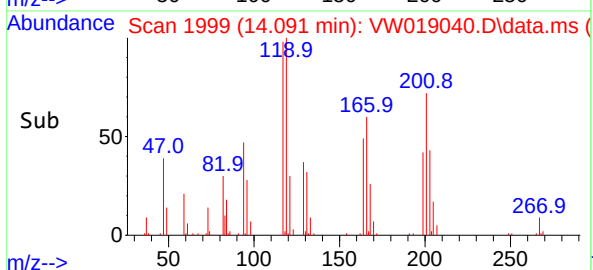
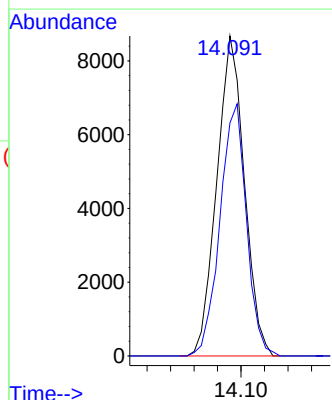
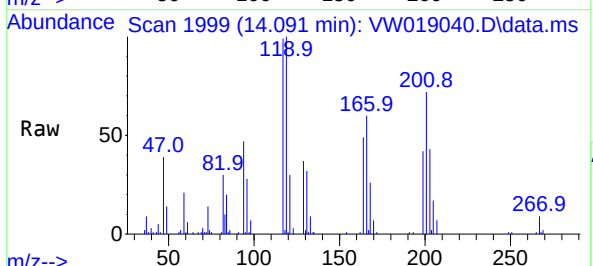
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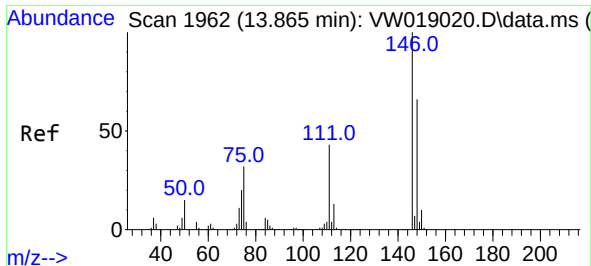
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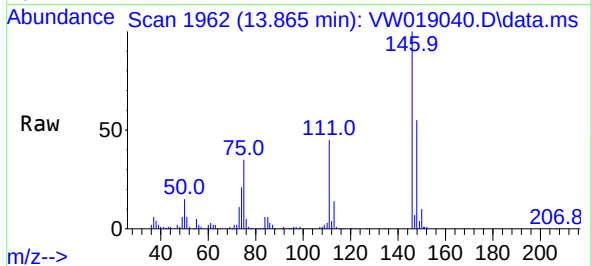
#90
Hexachloroethane
Concen: 4.88 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion: 117 Resp: 14155
Ion Ratio Lower Upper
117 100
201 75.6 38.4 115.2

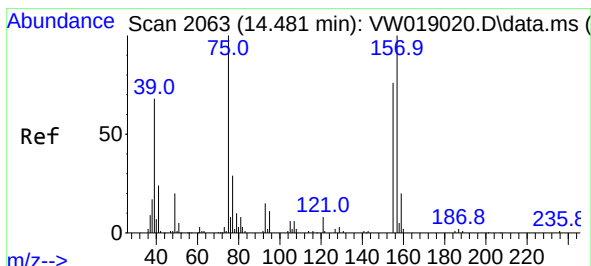
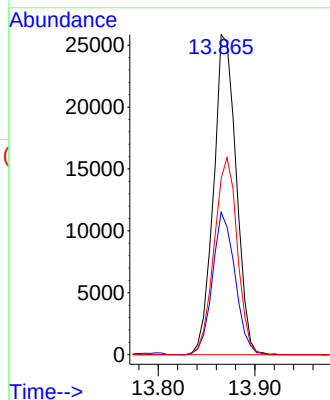
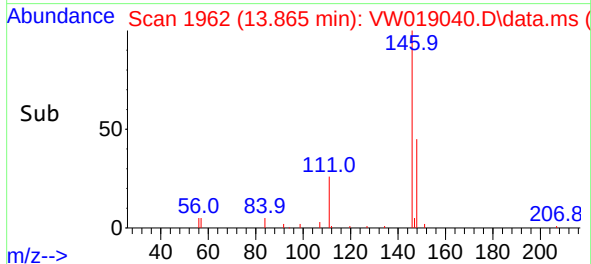




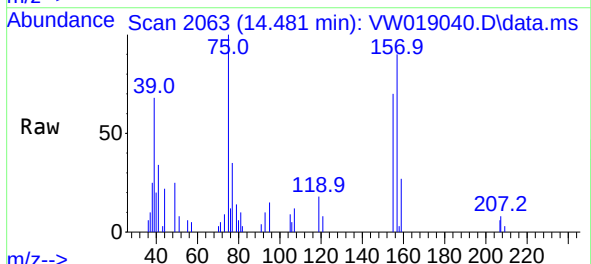
#91
1,2-Dichlorobenzene
Concen: 5.24 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



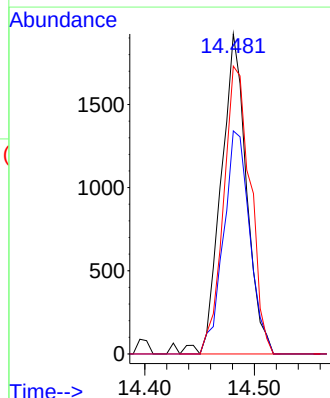
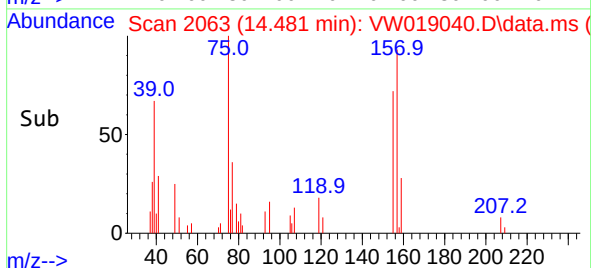
Tgt Ion: 146 Resp: 41989
Ion Ratio Lower Upper
146 100
111 44.5 21.1 63.1
148 62.9 32.6 97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.39 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53



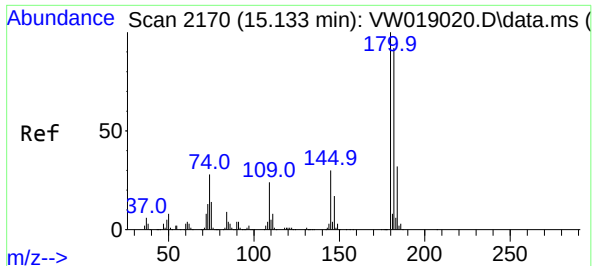
Tgt Ion: 75 Resp: 3098
Ion Ratio Lower Upper
75 100
155 72.0 41.3 124.1
157 94.7 51.2 153.6



Instrument :
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ClientSampleId :
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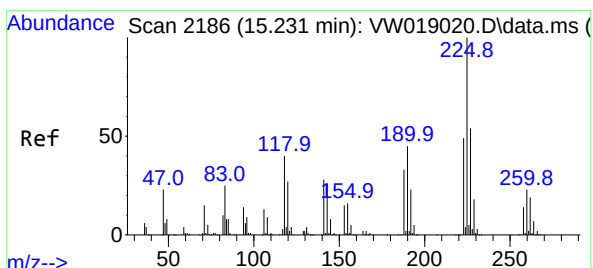
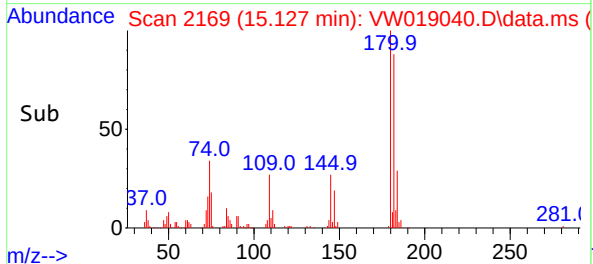
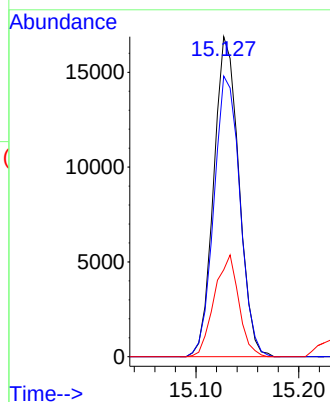
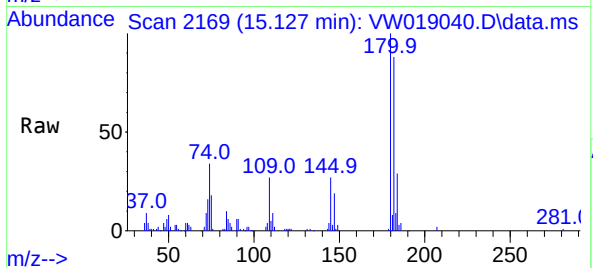
#93
1,2,4-Trichlorobenzene
Concen: 5.33 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019040.D
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	48.9	146.7
145	31.0	15.4	46.1

Instrument :
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ClientSampleId :
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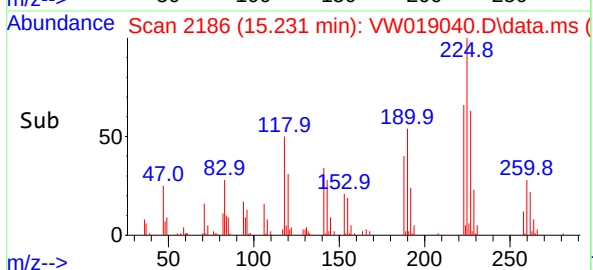
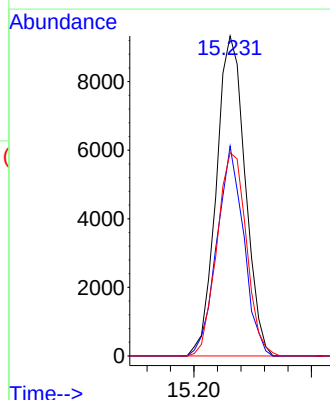
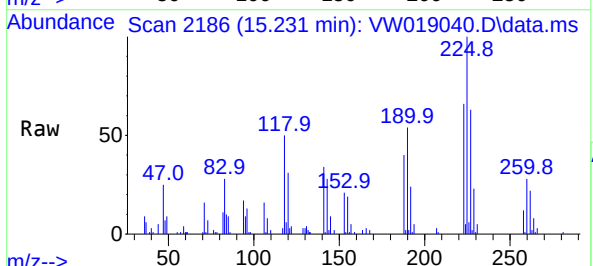
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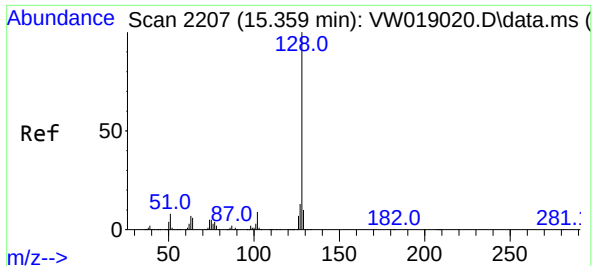
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#94
Hexachlorobutadiene
Concen: 5.13 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019040.D
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Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	29.6	88.8
227	65.0	30.4	91.3





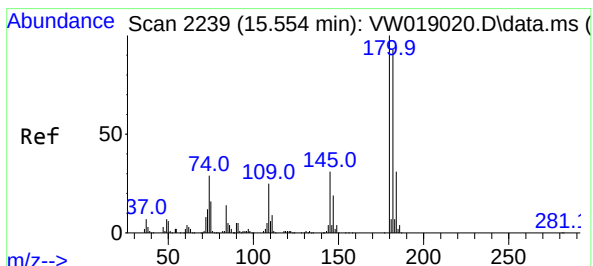
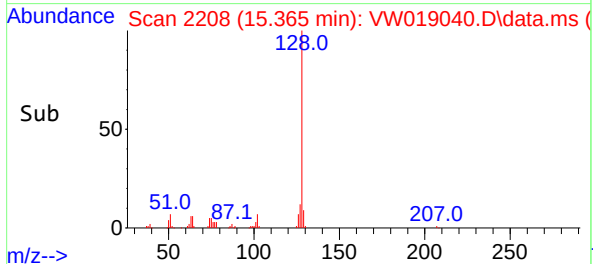
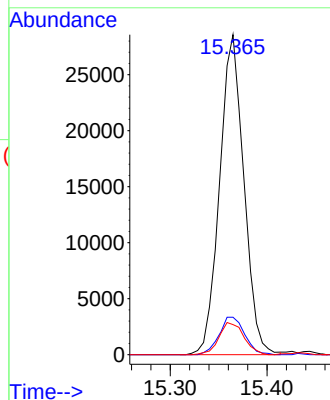
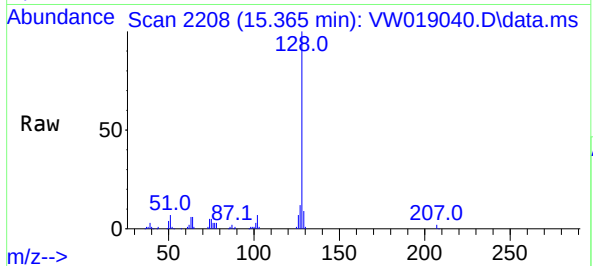
#95
Naphthalene
Concen: 5.09 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	128	Resp:	49750
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.4	15.6
129	10.4	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
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#96
1,2,3-Trichlorobenzene
Concen: 5.35 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019040.D
Acq: 19 May 2021 18:53

Tgt Ion:	180	Resp:	24843
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.4	142.3
145	33.0	16.1	48.2

