

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020678.D
 Acq On : 22 Oct 2021 12:48
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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10/25/2021 11:56:04 AM

Quant Time: Oct 23 05:25:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	98696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	145683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	135924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	74696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	6161	5.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.760%#
35) Dibromofluoromethane	7.890	113	5195	5.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.900%#
50) Toluene-d8	10.323	98	18938	5.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	12.615	95	7122	5.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	999	1.861	ug/l	91
3) Chloromethane	2.215	50	3727	4.349	ug/l	97
4) Vinyl Chloride	2.355	62	4603	3.435	ug/l	93
5) Bromomethane	2.769	94	2986	2.836	ug/l	96
6) Chloroethane	2.916	64	2185	2.493	ug/l	95
7) Trichlorofluoromethane	3.257	101	3114	3.974	ug/l	99
8) Diethyl Ether	3.684	74	2538	5.089	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.062	101	5592	5.292	ug/l	98
10) Methyl Iodide	4.269	142	6262	4.372	ug/l	99
11) Tert butyl alcohol	5.171	59	1913	32.903	ug/l #	96
12) 1,1-Dichloroethene	4.044	96	4745	4.784	ug/l	95
13) Acrolein	3.885	56	1552	33.765	ug/l	95
14) Allyl chloride	4.672	41	7502	5.376	ug/l	100
15) Acrylonitrile	5.379	53	6387	29.126	ug/l	99
16) Acetone	4.129	43	7226	35.231	ug/l	90
17) Carbon Disulfide	4.385	76	14583	4.823	ug/l	95
18) Methyl Acetate	4.672	43	4717	8.110	ug/l	95
19) Methyl tert-butyl Ether	5.428	73	7999	5.789	ug/l	97
20) Methylene Chloride	4.915	84	11576	8.474	ug/l	97
21) trans-1,2-Dichloroethene	5.421	96	5598	4.971	ug/l	94
22) Diisopropyl ether	6.318	45	14226	4.874	ug/l	97
23) Vinyl Acetate	6.263	43	39341	24.240	ug/l	100
24) 1,1-Dichloroethane	6.214	63	9916	4.877	ug/l	96
25) 2-Butanone	7.177	43	8570	30.377	ug/l	95
26) 2,2-Dichloropropane	7.171	77	6645	5.323	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	5559	4.626	ug/l	98
28) Bromochloromethane	7.513	49	4314	5.332	ug/l #	97
29) Tetrahydrofuran	7.537	42	5149	29.526	ug/l	94
30) Chloroform	7.677	83	10714	5.015	ug/l	97
31) Cyclohexane	7.951	56	11358	6.125	ug/l #	91
32) 1,1,1-Trichloroethane	7.878	97	8950	5.141	ug/l	99
36) 1,1-Dichloropropene	8.086	75	8365	5.497	ug/l	99
37) Ethyl Acetate	7.256	43	3772	6.306	ug/l #	96
38) Carbon Tetrachloride	8.067	117	8527	5.516	ug/l	98
39) Methylcyclohexane	9.335	83	9327	5.316	ug/l	93
40) Benzene	8.323	78	23609	5.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1980	5.797	ug/l	94
42) 1,2-Dichloroethane	8.403	62	7522	5.783	ug/l	99
43) Isopropyl Acetate	8.427	43	6606	5.875	ug/l	96
44) Trichloroethene	9.091	130	6269	5.674	ug/l	90
45) 1,2-Dichloropropane	9.366	63	5511	5.421	ug/l	97
46) Dibromomethane	9.457	93	3022	5.244	ug/l	99
47) Bromodichloromethane	9.646	83	7558	5.291	ug/l	94
48) Methyl methacrylate	9.439	41	3248	6.489	ug/l	93
49) 1,4-Dioxane	9.445	88	736	99.587	ug/l #	91
51) 4-Methyl-2-Pentanone	10.213	43	18112	30.606	ug/l	97
52) Toluene	10.390	92	13609	5.138	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	7172	5.168	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	8115	5.067	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	4272	5.407	ug/l	97
56) Ethyl methacrylate	10.646	69	4563	5.036	ug/l	98
57) 1,3-Dichloropropane	10.933	76	7384	5.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	10533	25.465	ug/l	100
59) 2-Hexanone	10.969	43	12335	30.653	ug/l	94
60) Dibromochloromethane	11.128	129	4848	5.323	ug/l	96
61) 1,2-Dibromoethane	11.237	107	4117	5.542	ug/l	100
64) Tetrachloroethene	10.859	164	5868	6.168	ug/l	96
65) Chlorobenzene	11.658	112	15692	5.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	5558	5.388	ug/l	100
67) Ethyl Benzene	11.731	91	26726	5.238	ug/l	96
68) m/p-Xylenes	11.841	106	20462	10.241	ug/l	100
69) o-Xylene	12.170	106	9460	5.180	ug/l	93
70) Styrene	12.182	104	15375	4.947	ug/l	98
71) Bromoform	12.347	173	3126	5.939	ug/l #	98
73) Isopropylbenzene	12.463	105	26022	4.989	ug/l	98
74) N-amyl acetate	12.274	43	5752	5.108	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	5446	5.554	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	4405m	6.108	ug/l	
77) Bromobenzene	12.749	156	6504	5.293	ug/l	98
78) n-propylbenzene	12.804	91	32628	4.981	ug/l	98
79) 2-Chlorotoluene	12.890	91	19568	5.124	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	22732	4.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	1506	5.099	ug/l	95
82) 4-Chlorotoluene	12.987	91	20530	5.136	ug/l	98
83) tert-Butylbenzene	13.207	119	19556	5.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	22487	5.012	ug/l	99
85) sec-Butylbenzene	13.383	105	30682	5.241	ug/l	99
86) p-Isopropyltoluene	13.493	119	25042	5.098	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	14715	5.670	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	14812	5.763	ug/l	95
89) n-Butylbenzene	13.822	91	23178	4.934	ug/l	98
90) Hexachloroethane	14.091	117	4752	5.118	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	12935	5.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	986	6.031	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	8635	6.203	ug/l	95
94) Hexachlorobutadiene	15.237	225	5567	6.654	ug/l	96
95) Naphthalene	15.365	128	13356	5.513	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	7757	6.322	ug/l	97

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

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 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

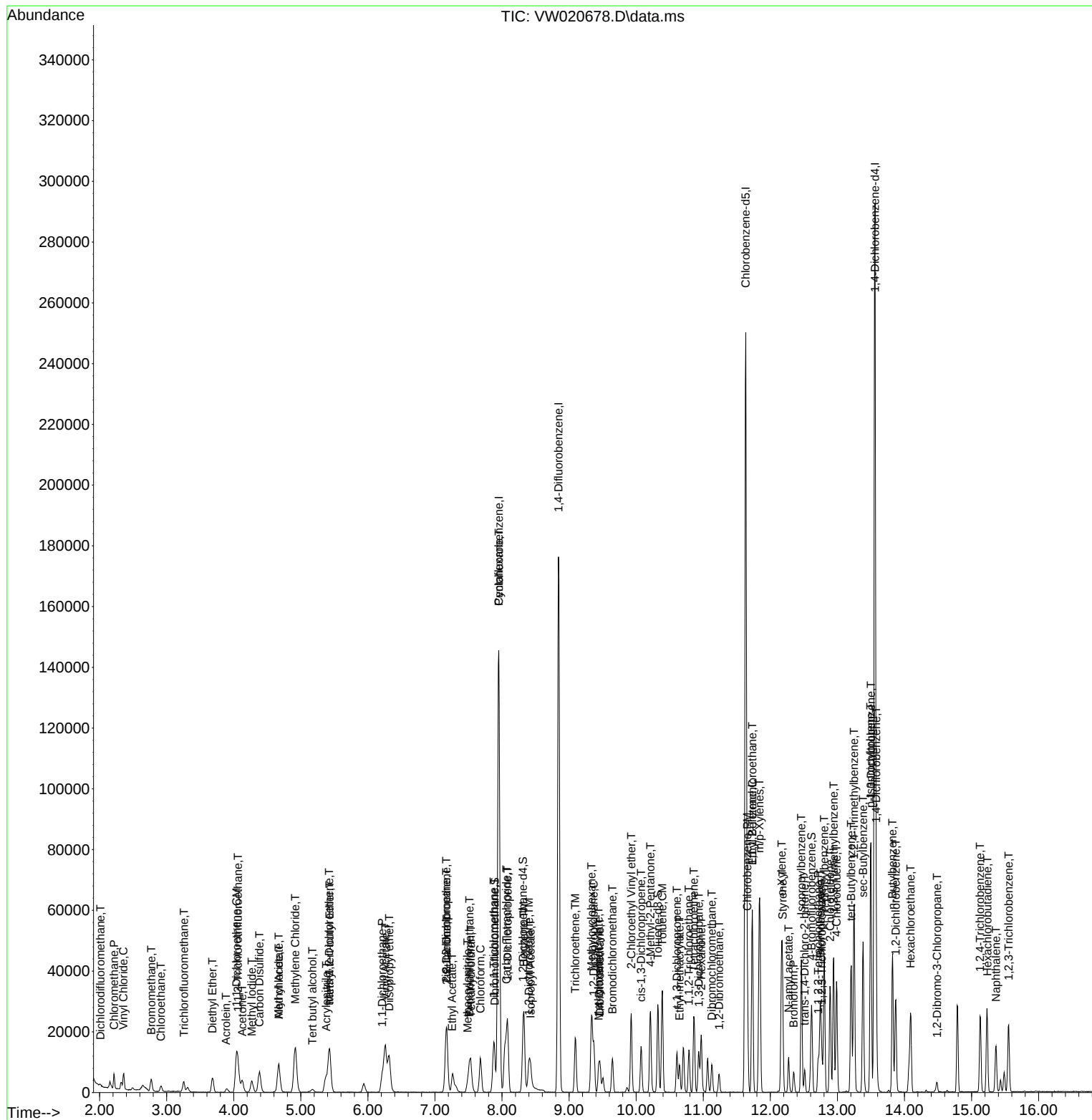
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

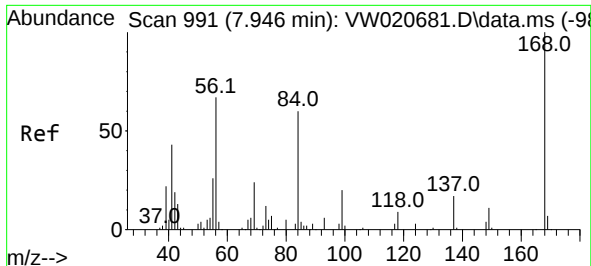
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.005 min
Lab File: VW020678.D
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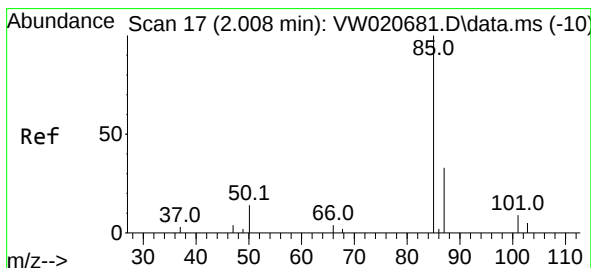
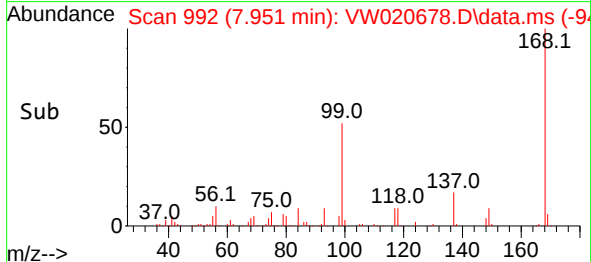
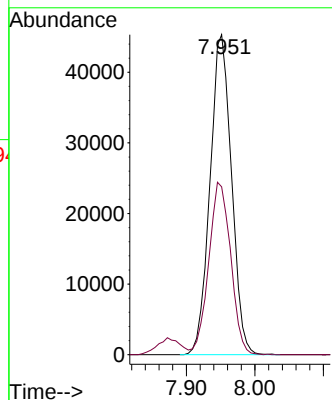
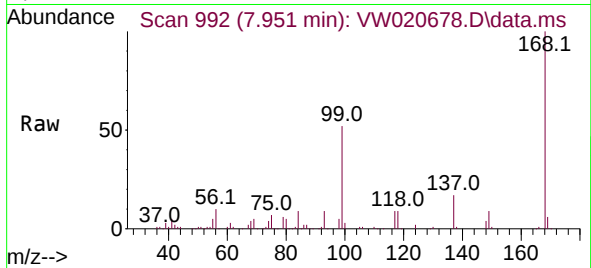
Tgt Ion: 168 Resp: 98696
Ion Ratio Lower Upper
168 100
99 52.4 45.4 68.0

Instrument :
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VSTDIC005

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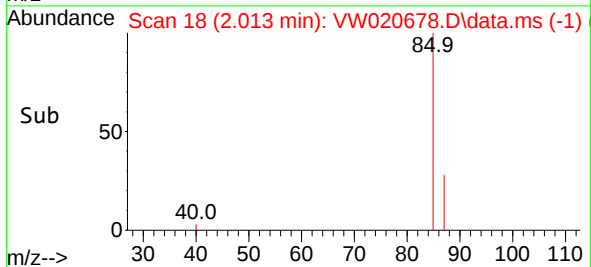
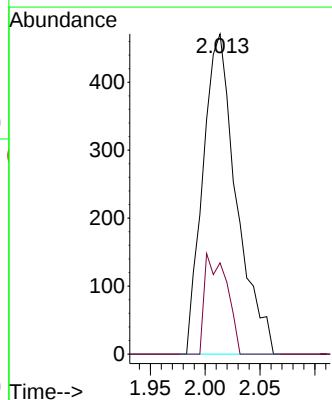
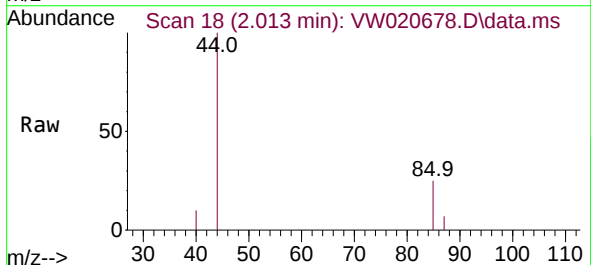
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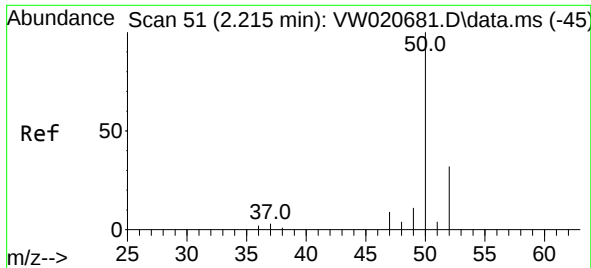
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#2
Dichlorodifluoromethane
Concen: 1.861 ug/l
RT: 2.013 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

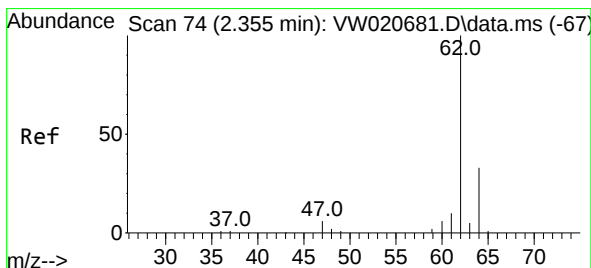
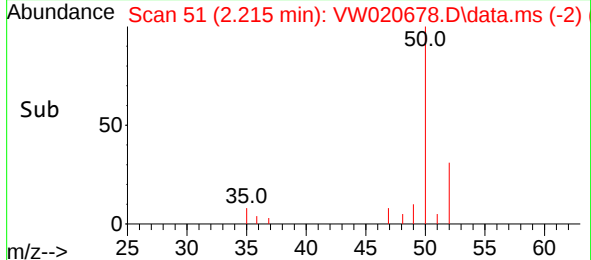
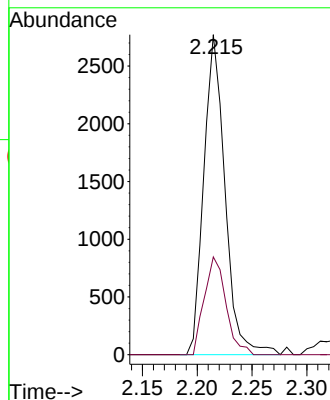
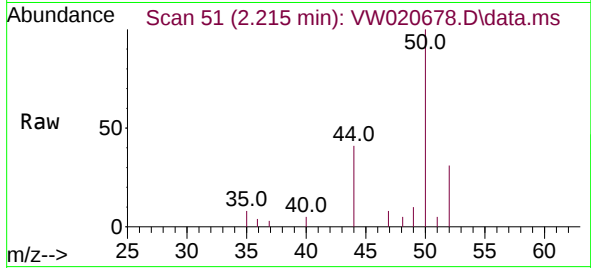
Tgt Ion: 85 Resp: 999
Ion Ratio Lower Upper
85 100
87 28.5 16.7 50.0





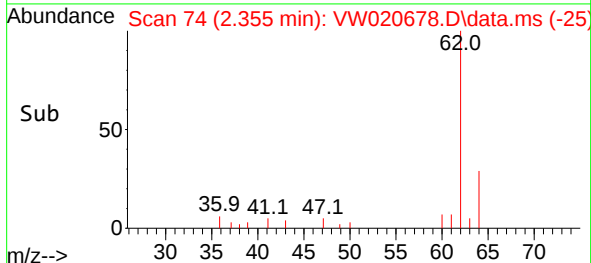
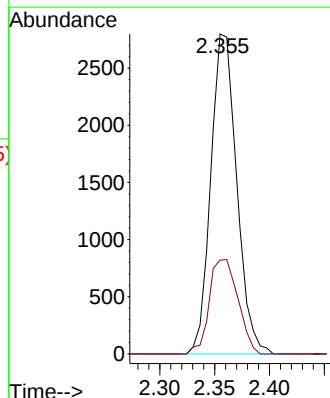
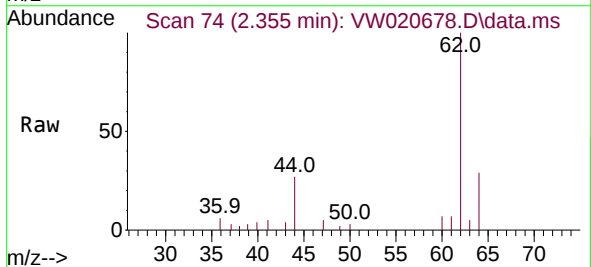
#3
Chloromethane
Concen: 4.349 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 50 Resp: 3727
Ion Ratio Lower Upper
50 100
52 30.6 25.9 38.9



#4
Vinyl Chloride
Concen: 3.435 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 62 Resp: 4603
Ion Ratio Lower Upper
62 100
64 29.3 26.6 40.0

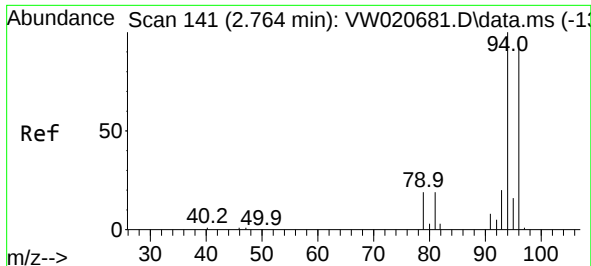


Instrument :
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#5
Bromomethane
Concen: 2.836 ug/l
RT: 2.769 min Scan# 142
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

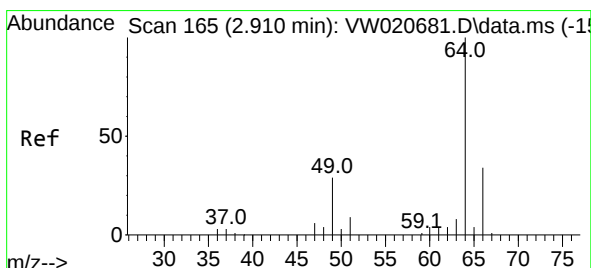
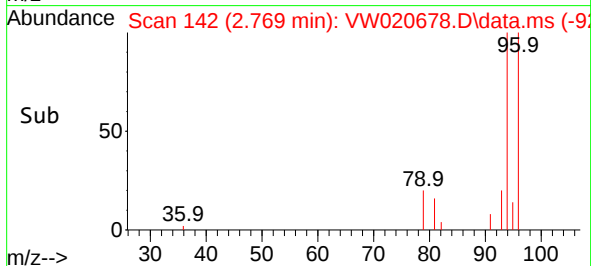
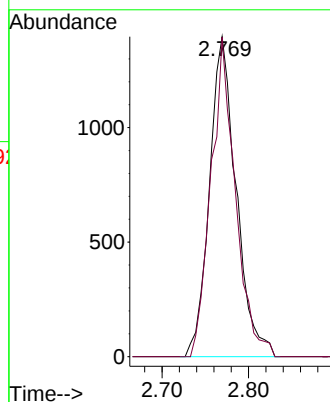
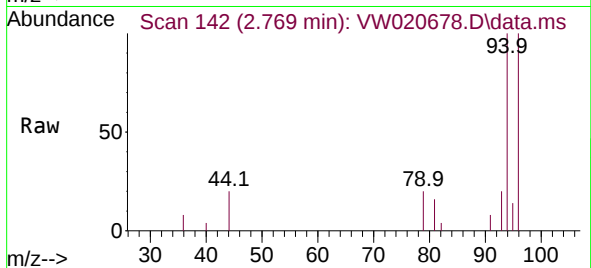
Instrument :
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Tgt Ion: 94 Resp: 2986
Ion Ratio Lower Upper
94 100
96 99.8 76.7 115.1

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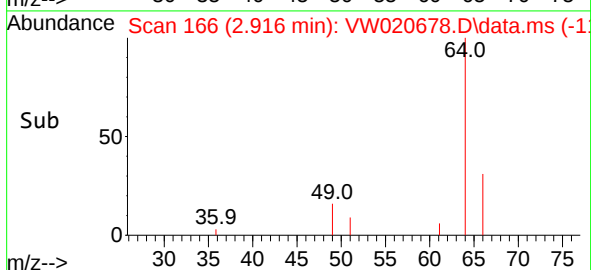
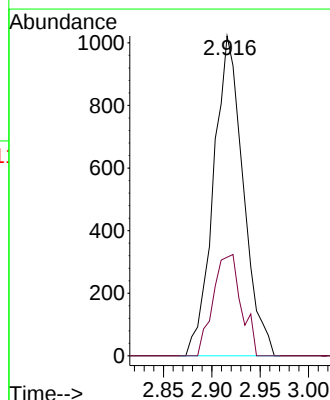
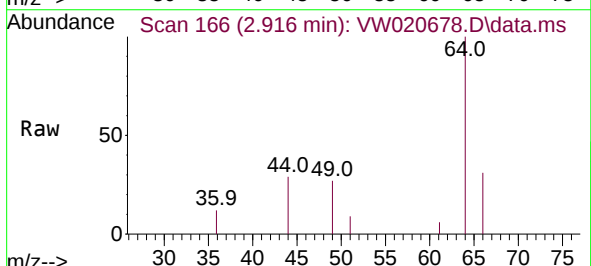
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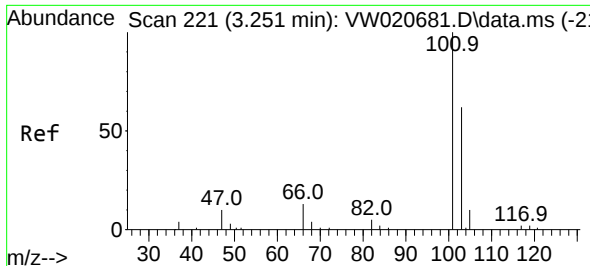
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#6
Chloroethane
Concen: 2.493 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020678.D
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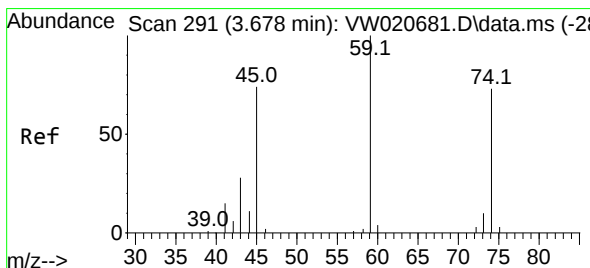
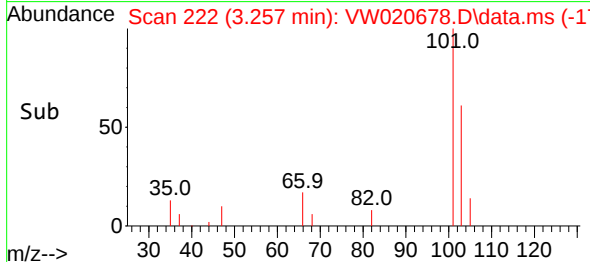
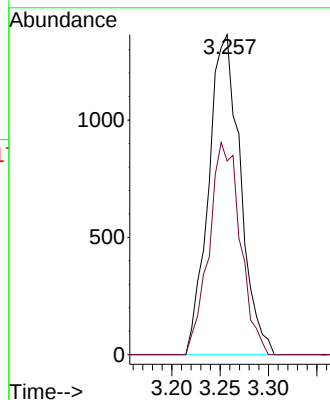
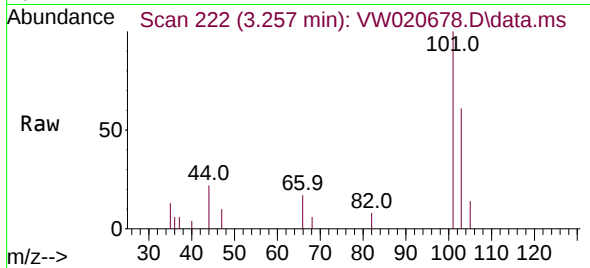
Tgt Ion: 64 Resp: 2185
Ion Ratio Lower Upper
64 100
66 30.8 27.0 40.4





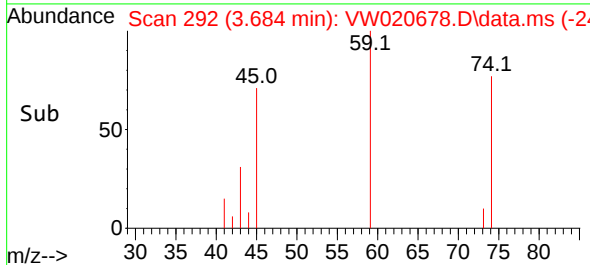
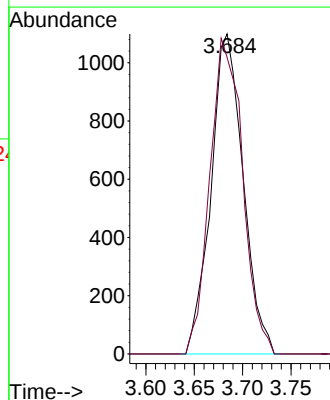
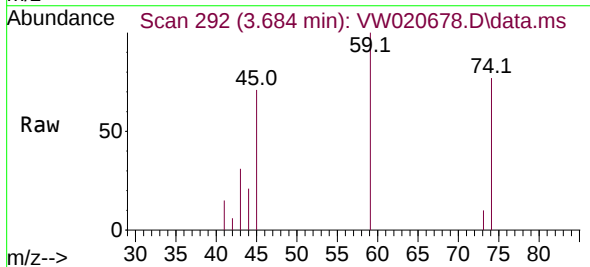
#7
Trichlorofluoromethane
Concen: 3.974 ug/l
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW020678.D
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Tgt Ion:101 Resp: 3114
Ion Ratio Lower Upper
101 100
103 60.6 49.4 74.0



#8
Diethyl Ether
Concen: 5.089 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 74 Resp: 2538
Ion Ratio Lower Upper
74 100
45 100.6 50.0 150.1

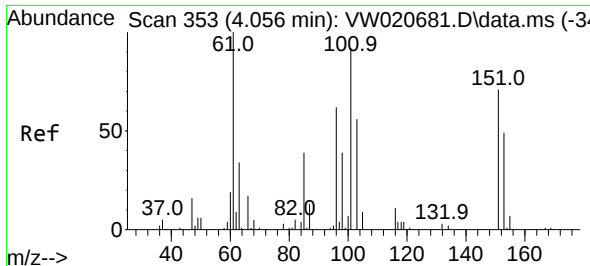


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#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.292 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
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Acq: 22 Oct 2021 12:48

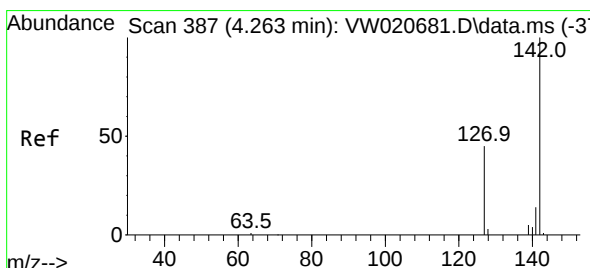
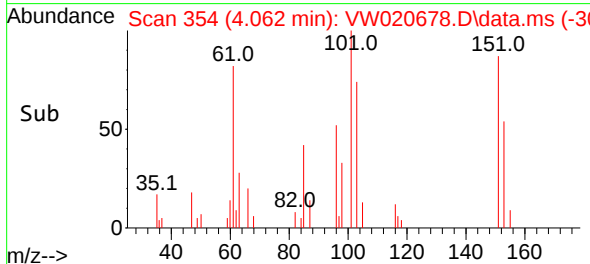
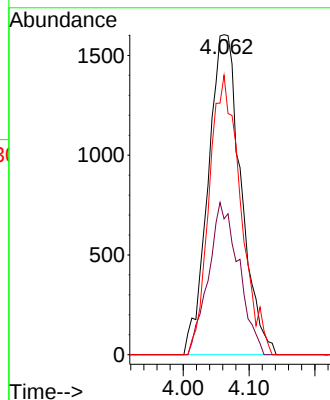
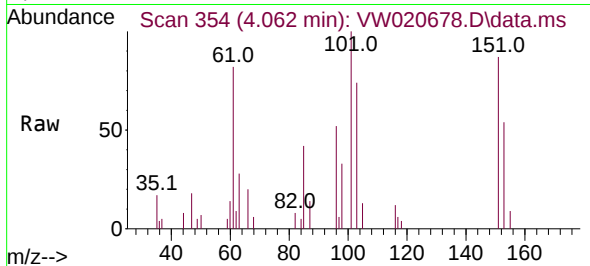
Tgt Ion:	101	Resp:	5592
Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.9	52.3
151	83.2	64.5	96.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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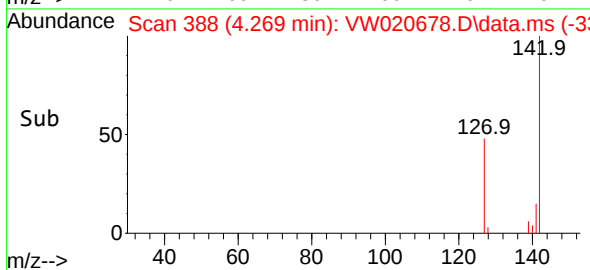
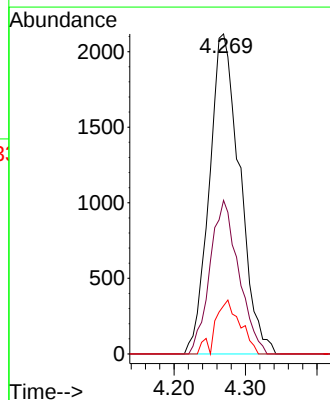
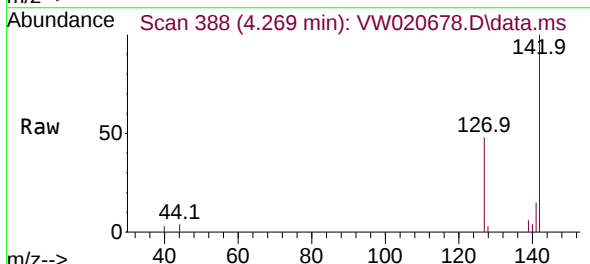
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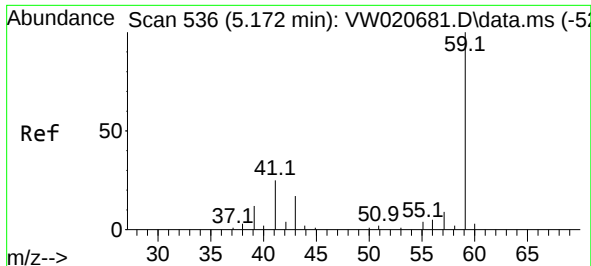
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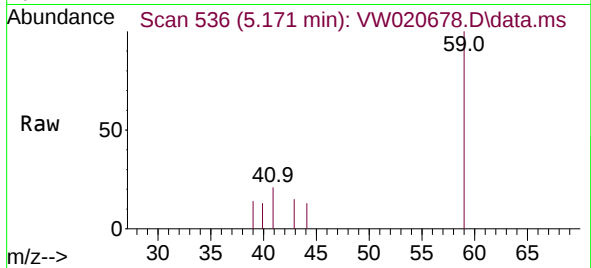
#10
Methyl Iodide
Concen: 4.372 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion:	142	Resp:	6262
Ion	Ratio	Lower	Upper
142	100		
127	45.4	35.8	53.6
141	13.8	11.8	17.6

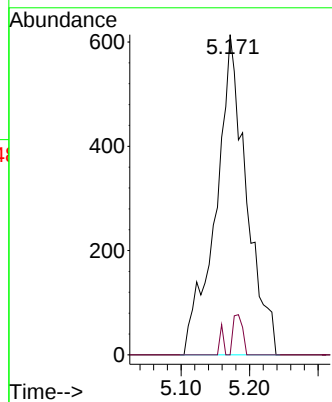
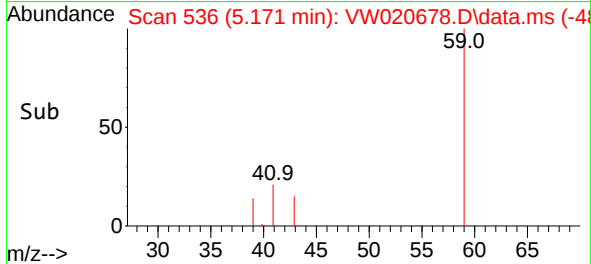




#11
Tert butyl alcohol
Concen: 32.903 ug/l
RT: 5.171 min Scan# 536
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 59 Resp: 1913
Ion Ratio Lower Upper
59 100
57 3.9 4.2 6.2#

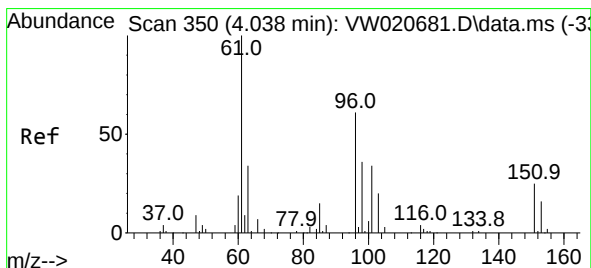


Instrument :
MSVOA_W
ClientSampleId :
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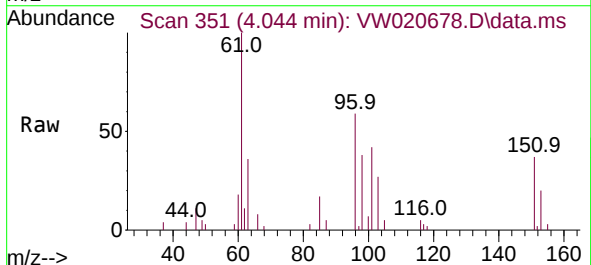
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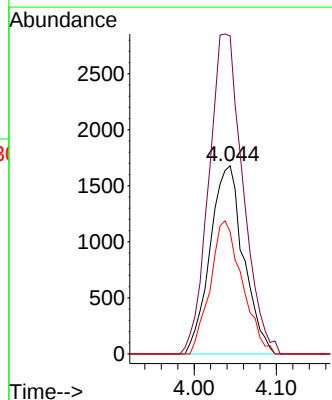
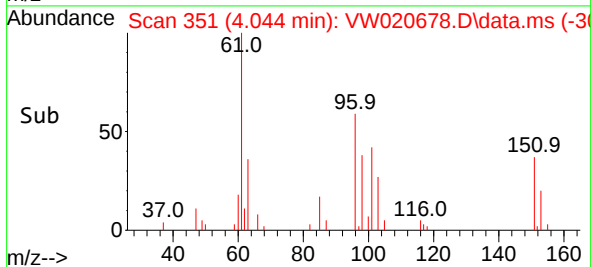
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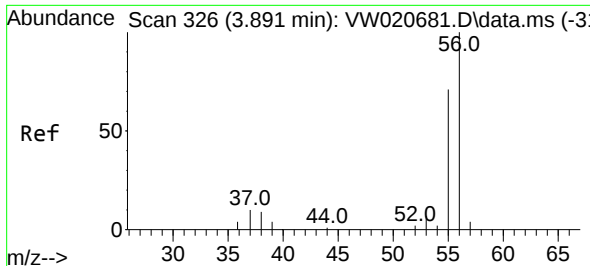


#12
1,1-Dichloroethene
Concen: 4.784 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

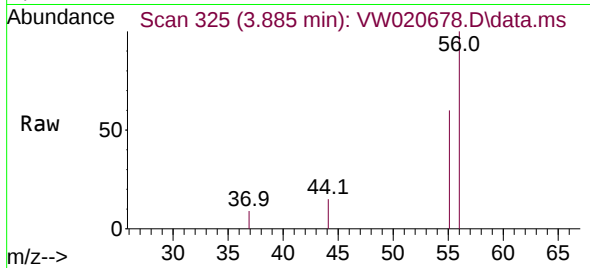


Tgt Ion: 96 Resp: 4745
Ion Ratio Lower Upper
96 100
61 169.0 131.0 196.6
98 65.0 47.8 71.6

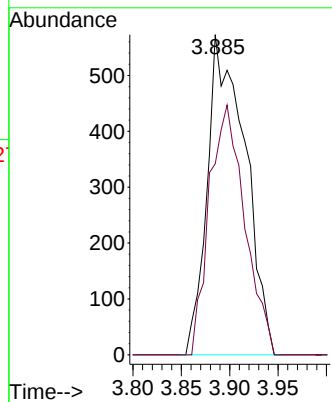
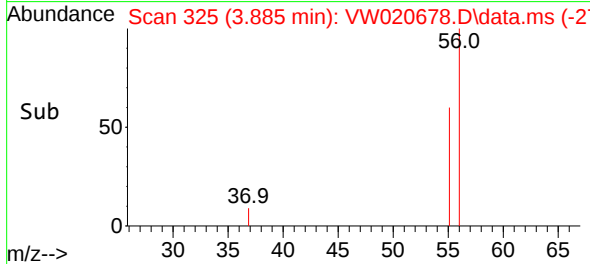




#13
Acrolein
Concen: 33.765 ug/l
RT: 3.885 min Scan# 325
Delta R.T. -0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 56 Resp: 1552
Ion Ratio Lower Upper
56 100
55 73.5 55.5 83.3

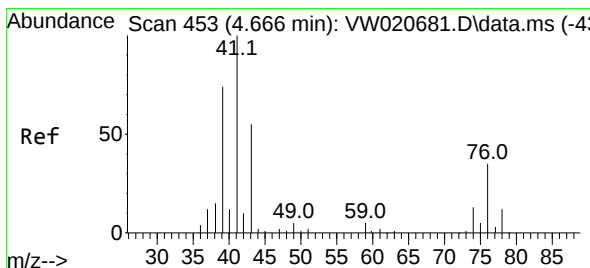


Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

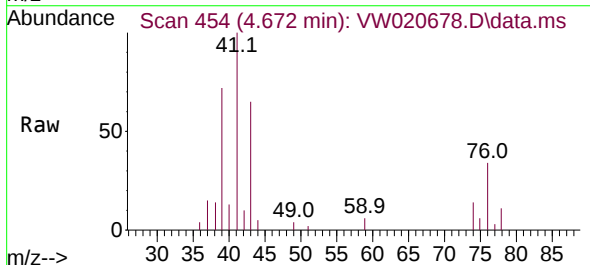
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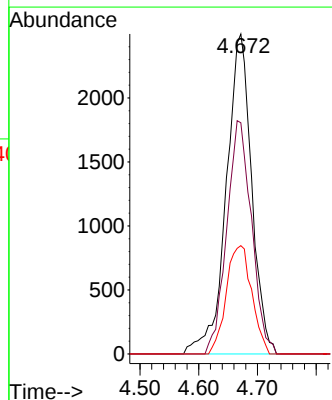
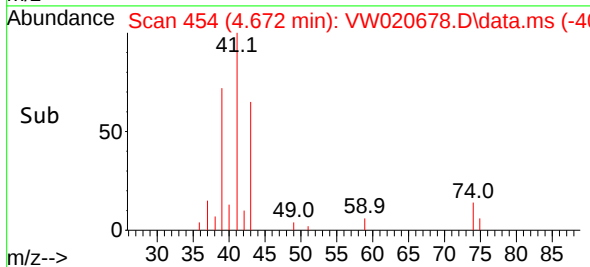
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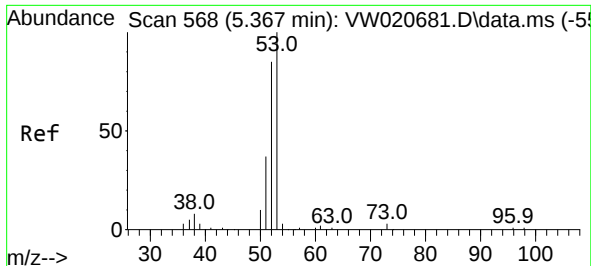


#14
Allyl chloride
Concen: 5.376 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

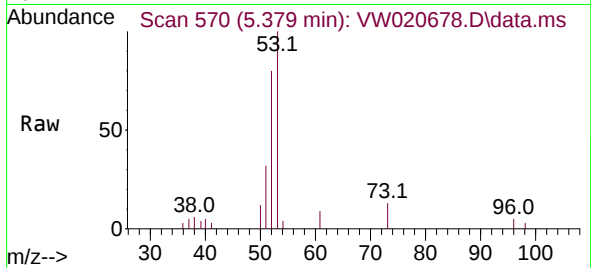


Tgt Ion: 41 Resp: 7502
Ion Ratio Lower Upper
41 100
39 71.1 57.1 85.7
76 34.0 27.1 40.7

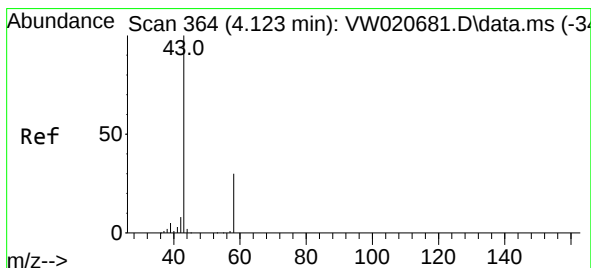
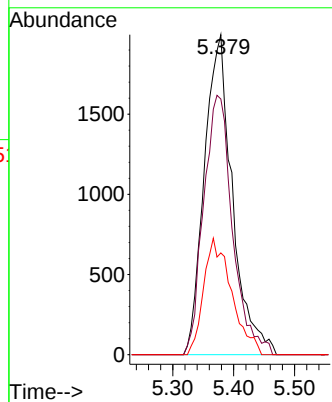
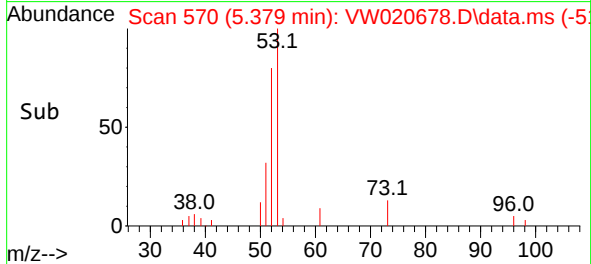




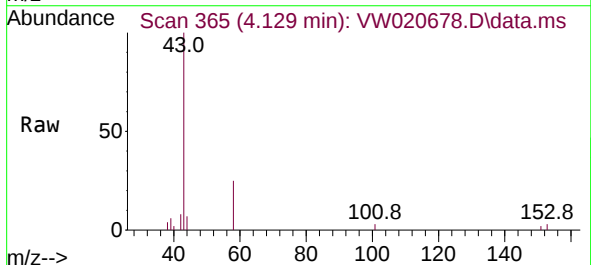
#15
Acrylonitrile
Concen: 29.126 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.012 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



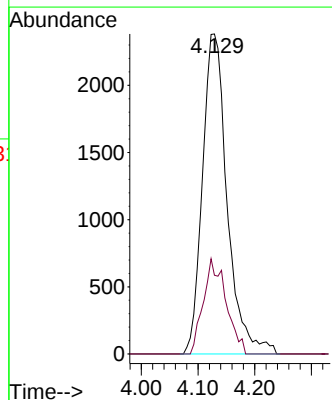
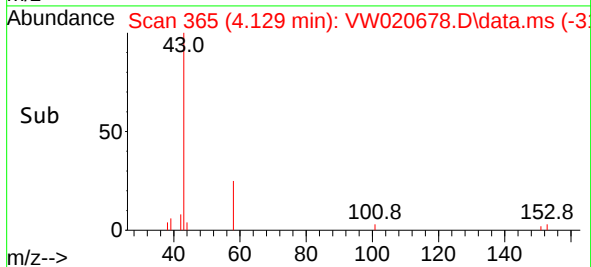
Tgt Ion:	53	Resp:	6387
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	36.3	30.1	45.1



#16
Acetone
Concen: 35.231 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion:	43	Resp:	7226
Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.2	36.2

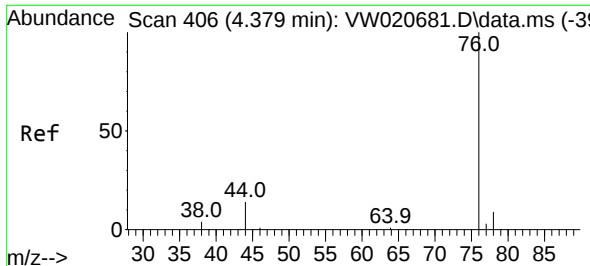


Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

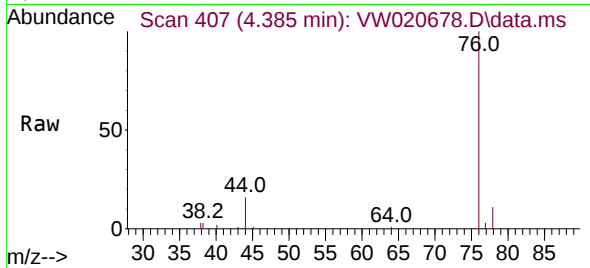
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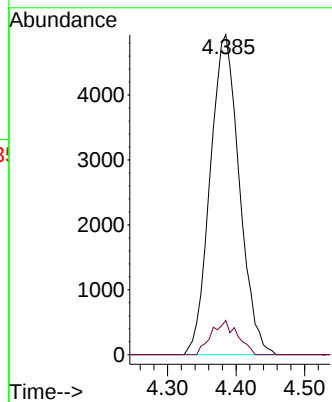
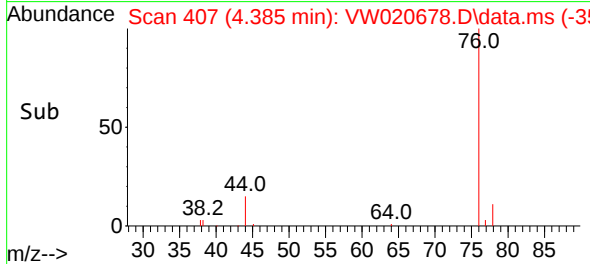
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#17
Carbon Disulfide
Concen: 4.823 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 76 Resp: 14583
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8

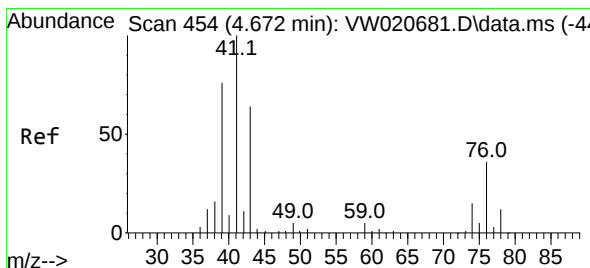


Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

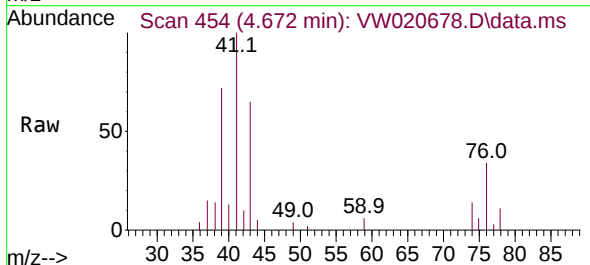
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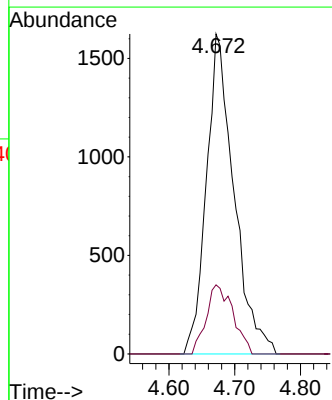
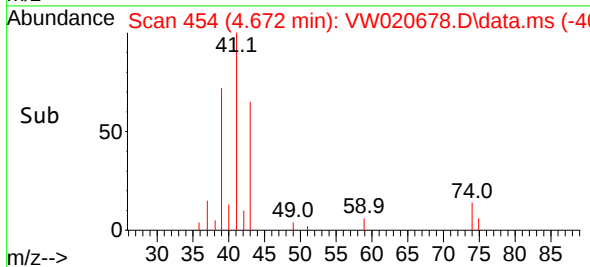
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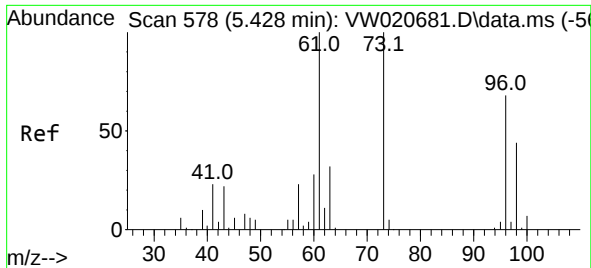


#18
Methyl Acetate
Concen: 8.110 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 43 Resp: 4717
Ion Ratio Lower Upper
43 100
74 21.0 18.7 28.1





#19
Methyl tert-butyl Ether
Concen: 5.789 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

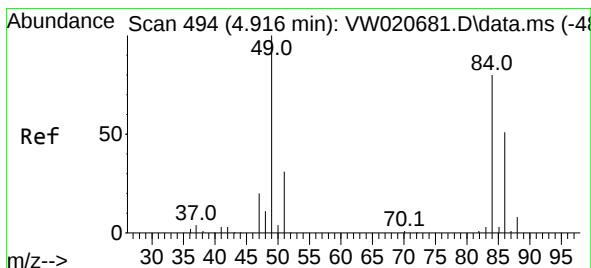
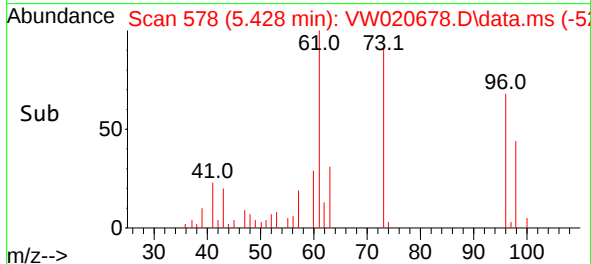
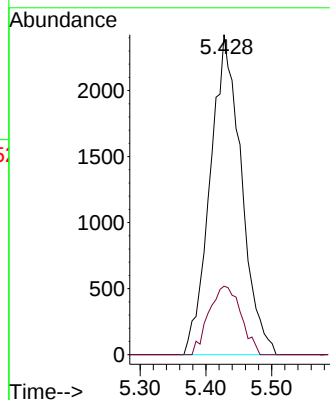
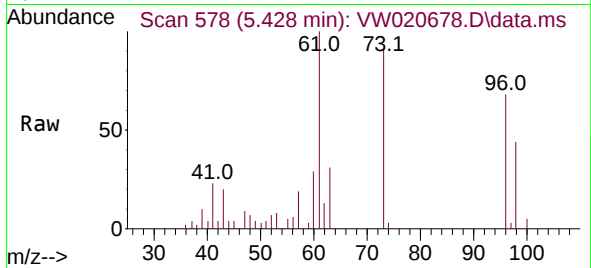
Tgt Ion: 73 Resp: 7999
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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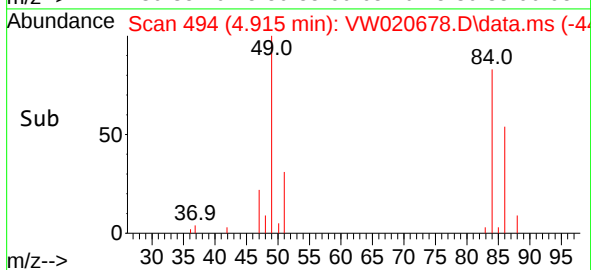
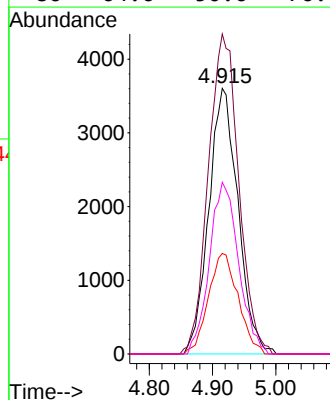
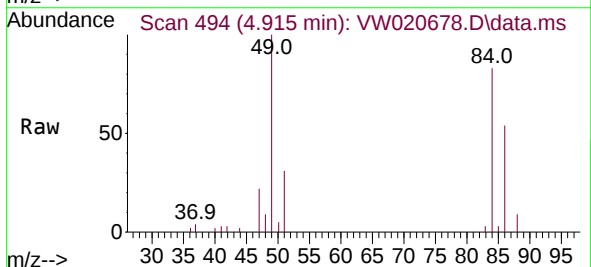
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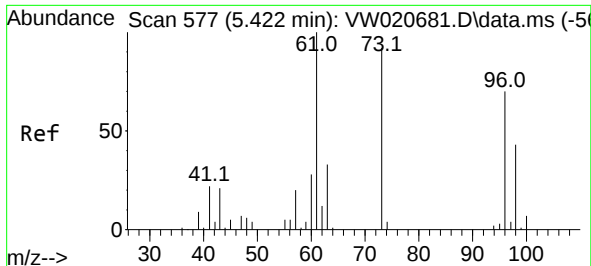
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#20
Methylene Chloride
Concen: 8.474 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 84 Resp: 11576
Ion Ratio Lower Upper
84 100
49 120.4 100.0 150.0
51 37.8 30.8 46.2
86 64.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 4.971 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 96 Resp: 5598

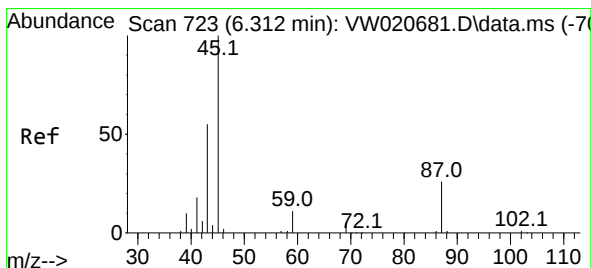
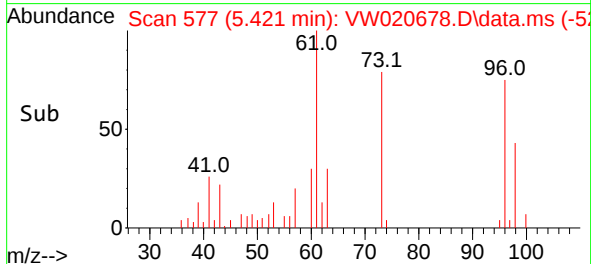
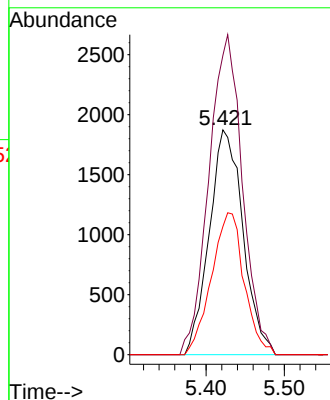
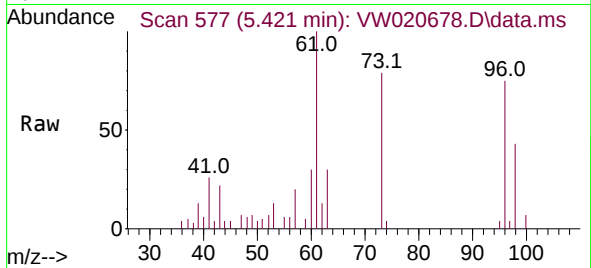
Ion	Ratio	Lower	Upper
96	100		
61	133.2	113.5	170.3
98	57.0	48.6	72.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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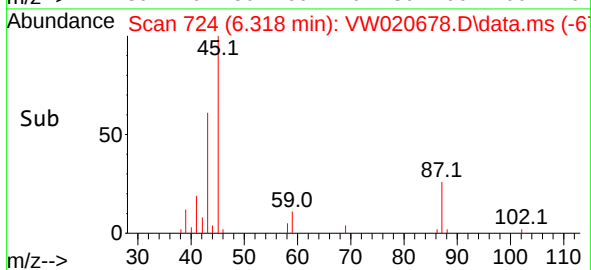
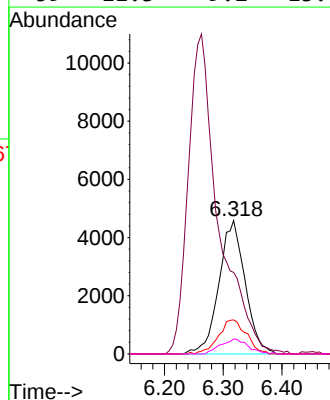
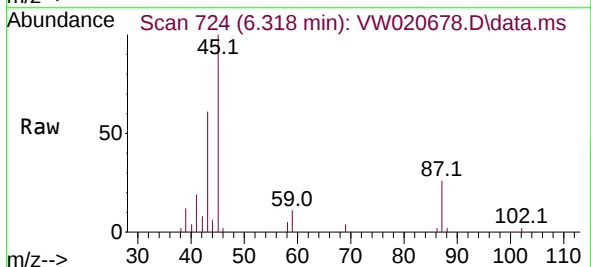
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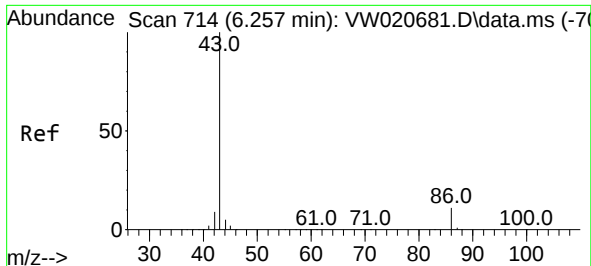


#22
Diisopropyl ether
Concen: 4.874 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 45 Resp: 14226

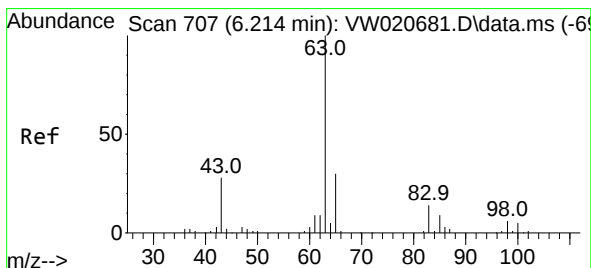
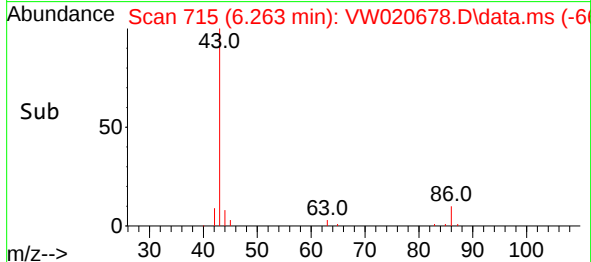
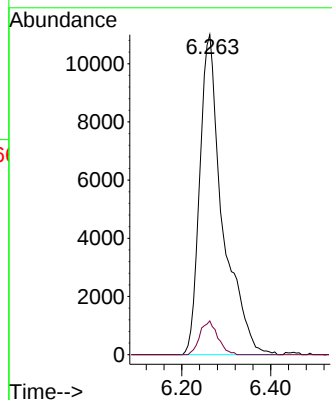
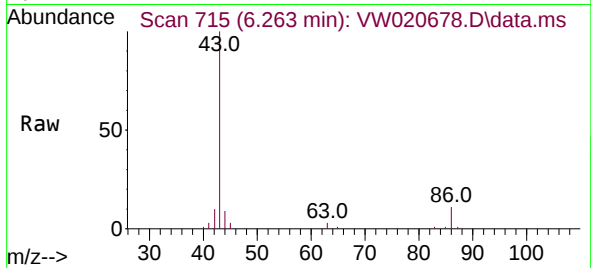
Ion	Ratio	Lower	Upper
45	100		
43	58.9	45.1	67.7
87	25.6	21.2	31.8
59	11.3	9.2	13.8





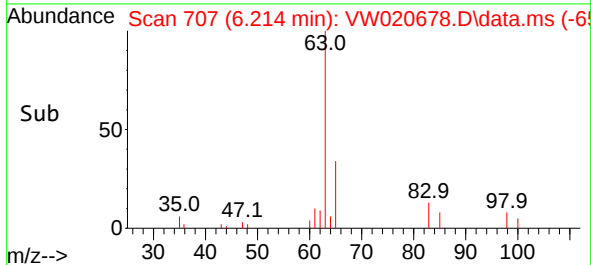
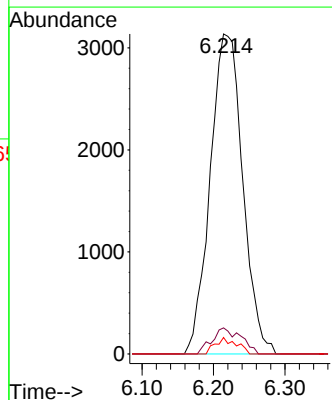
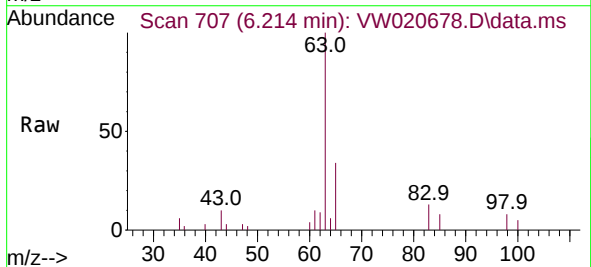
#23
 Vinyl Acetate
 Concen: 24.240 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW020678.D
 Acq: 22 Oct 2021 12:48

Tgt Ion: 43 Resp: 39341
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 4.877 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020678.D
 Acq: 22 Oct 2021 12:48

Tgt Ion: 63 Resp: 9916
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.2 9.6
 100 5.1 2.3 6.8

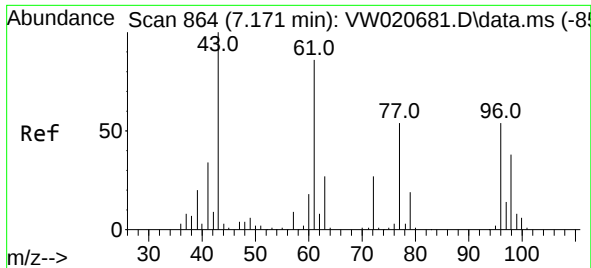


Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

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#25
2-Butanone
Concen: 30.377 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

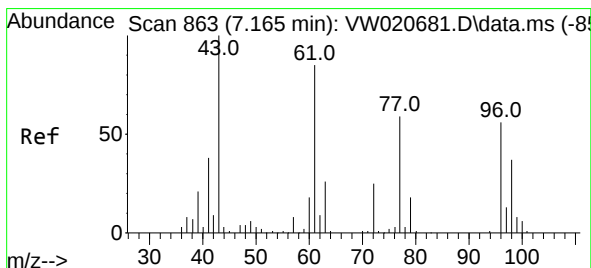
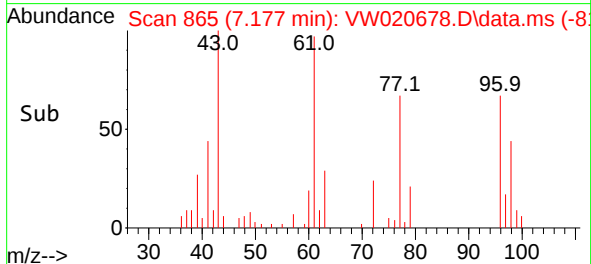
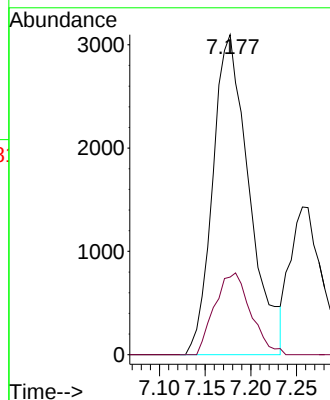
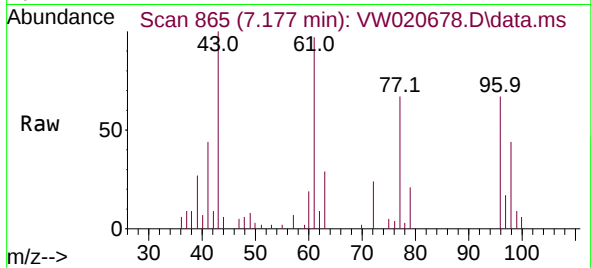
Tgt Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
72 24.3 21.4 32.0

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

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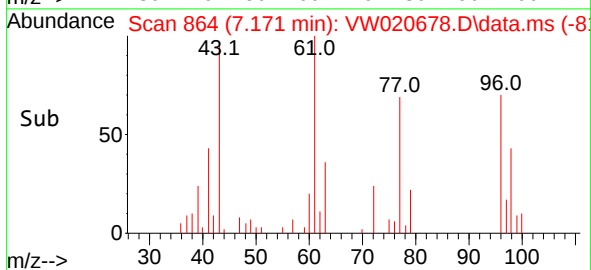
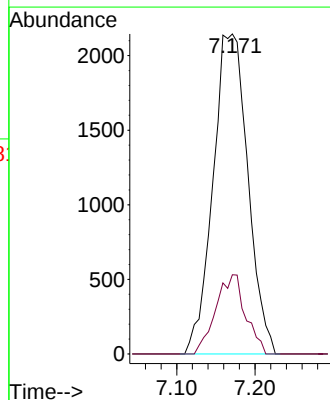
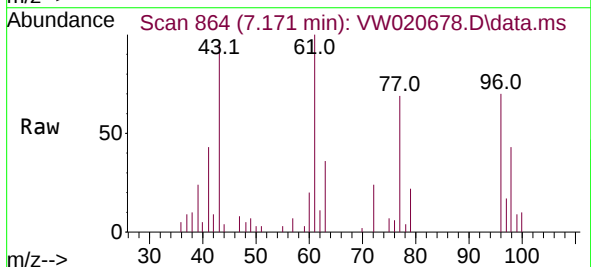
MMDadoda

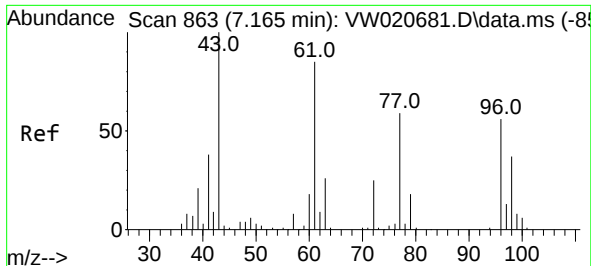
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#26
2,2-Dichloropropane
Concen: 5.323 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 77 Resp: 6645
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.626 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020678.D

Acq: 22 Oct 2021 12:48

Tgt Ion: 96	Resp: 5559
Ion Ratio	Lower Upper
96 100	
61 153.0	0.0 298.0
98 64.0	0.0 129.4

Instrument :

MSVOA_W

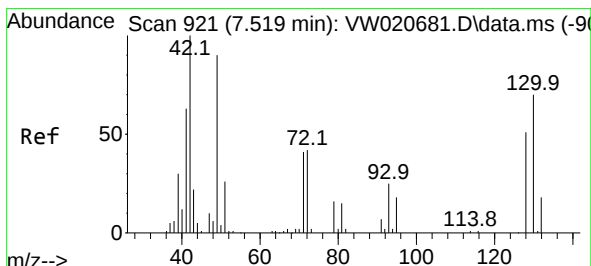
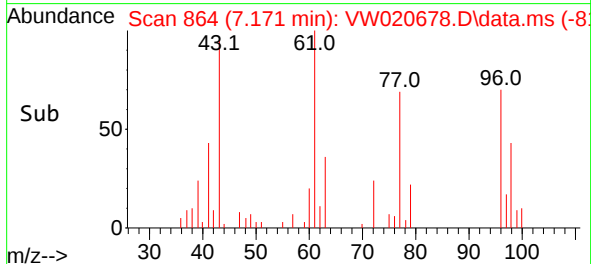
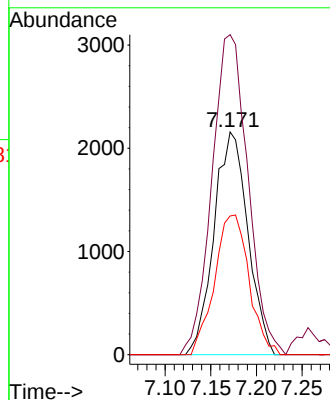
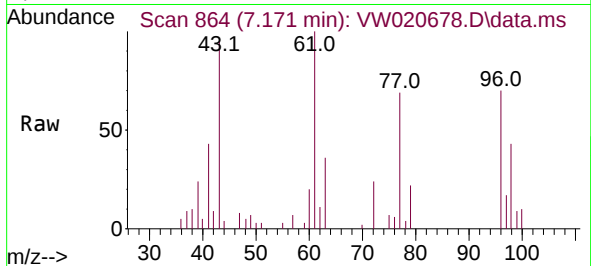
ClientSampleId :

VSTDIC005

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#28

Bromochloromethane

Concen: 5.332 ug/l

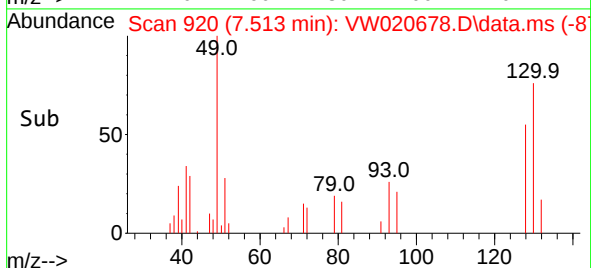
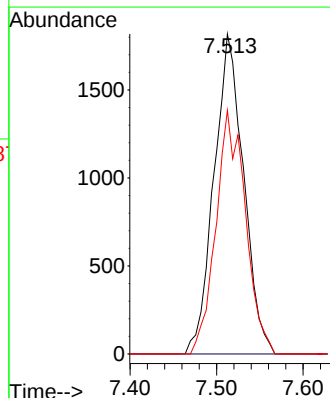
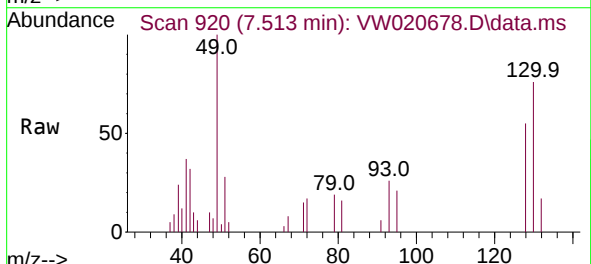
RT: 7.513 min Scan# 920

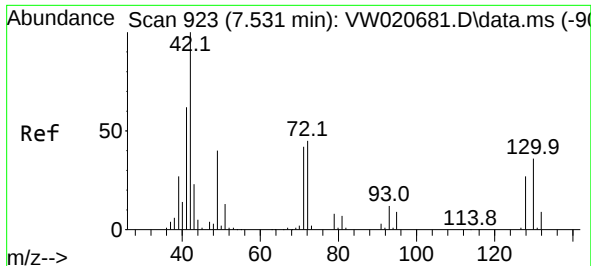
Delta R.T. -0.006 min

Lab File: VW020678.D

Acq: 22 Oct 2021 12:48

Tgt Ion: 49	Resp: 4314		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	0.0	
130 76.0	63.0	94.6	





#29

Tetrahydrofuran

Concen: 29.526 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW020678.D

Acq: 22 Oct 2021 12:48

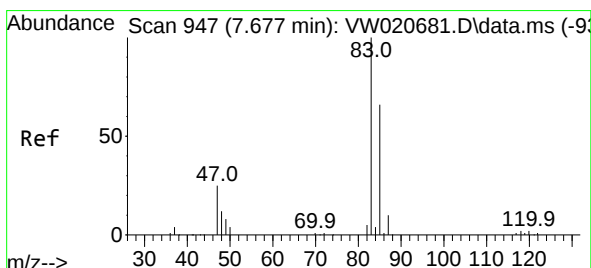
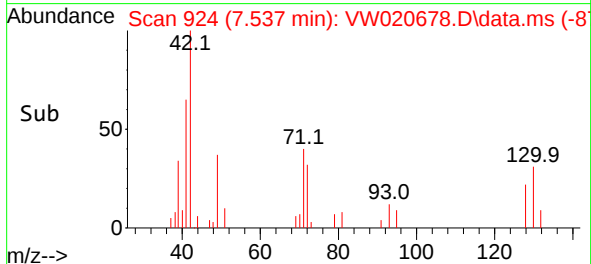
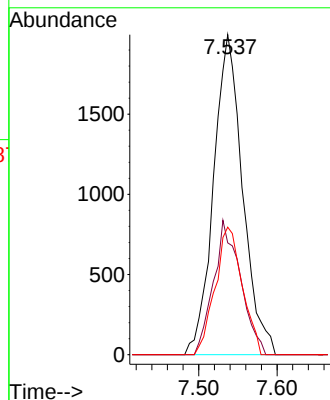
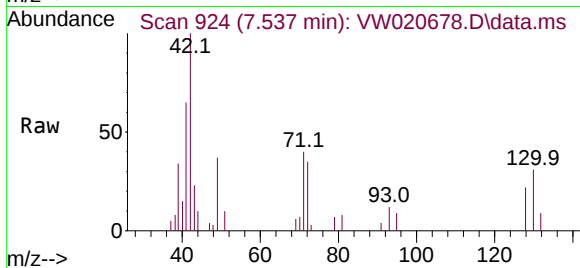
Tgt Ion:	42	Resp:	5149
Ion	Ratio	Lower	Upper
42	100		
72	39.0	35.0	52.6
71	37.2	32.2	48.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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#30

Chloroform

Concen: 5.015 ug/l

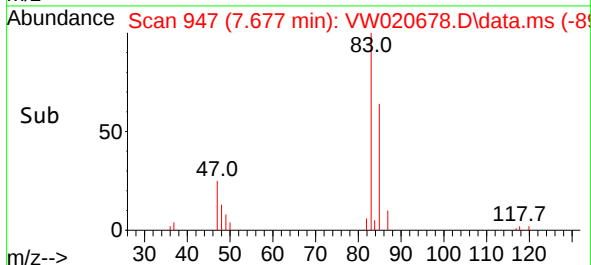
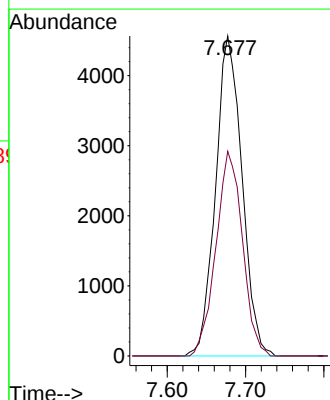
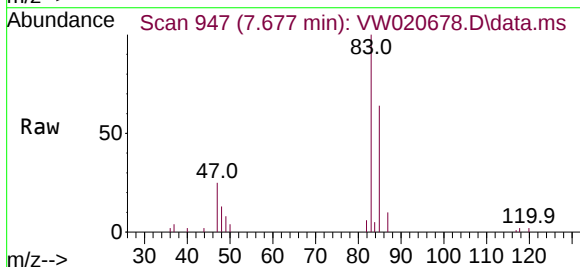
RT: 7.677 min Scan# 947

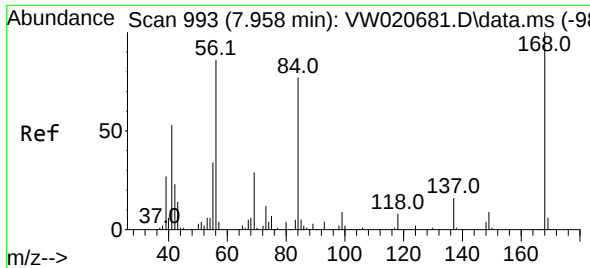
Delta R.T. -0.000 min

Lab File: VW020678.D

Acq: 22 Oct 2021 12:48

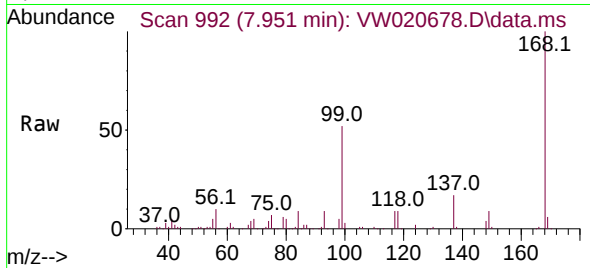
Tgt Ion:	83	Resp:	10714
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.9	79.3





#31
Cyclohexane
Concen: 6.125 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

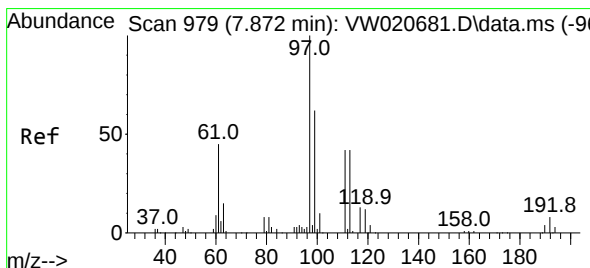
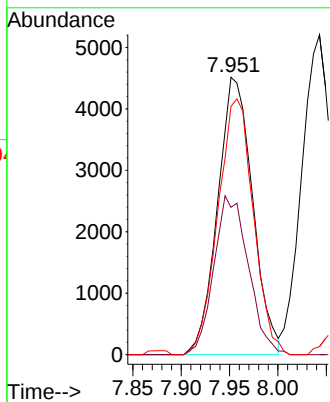
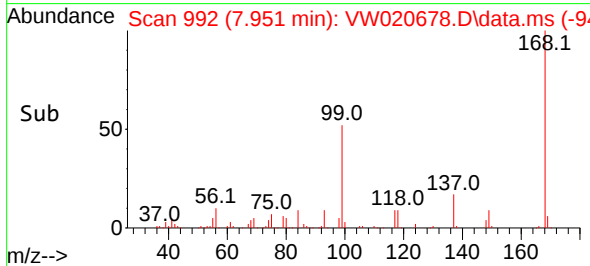


Tgt Ion: 56 Resp: 11358
Ion Ratio Lower Upper
56 100
69 53.1 27.2 40.8#
84 89.5 71.8 107.6

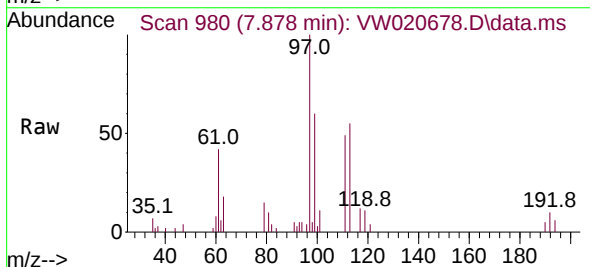
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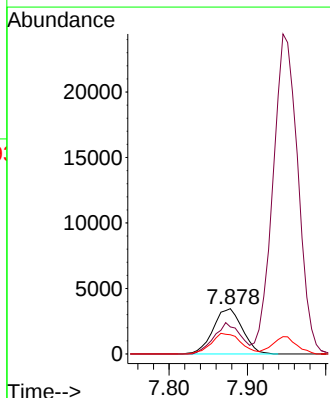
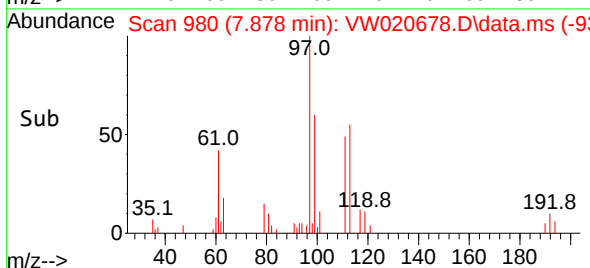
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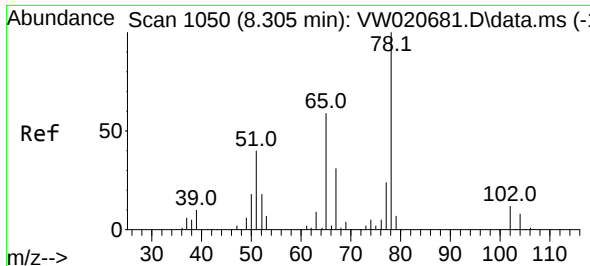


#32
1,1,1-Trichloroethane
Concen: 5.141 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 97 Resp: 8950
Ion Ratio Lower Upper
97 100
99 61.9 50.6 75.8
61 46.4 36.6 55.0





#33
 1,2-Dichloroethane-d4
 Concen: 5.382 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW020678.D
 Acq: 22 Oct 2021 12:48

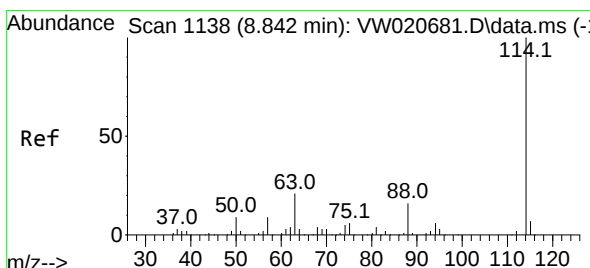
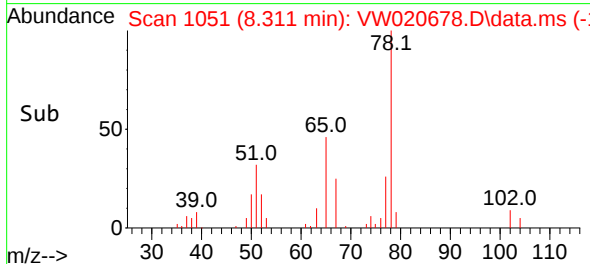
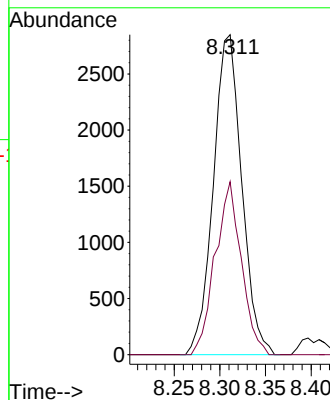
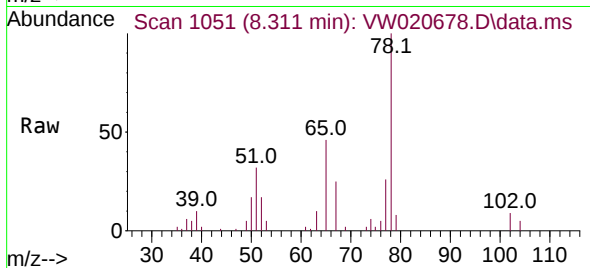
Tgt Ion: 65 Resp: 6161
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.2

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

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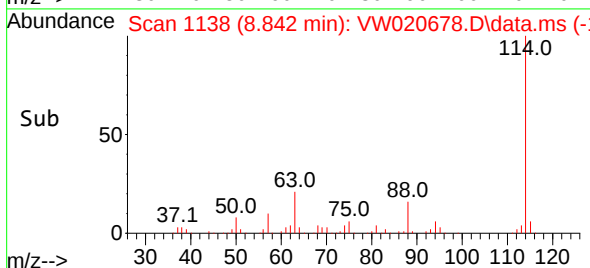
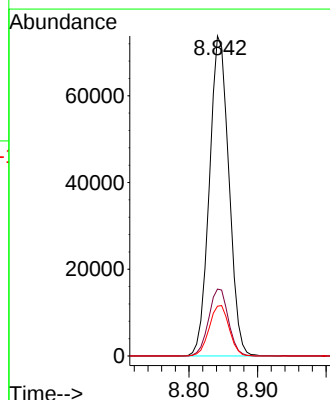
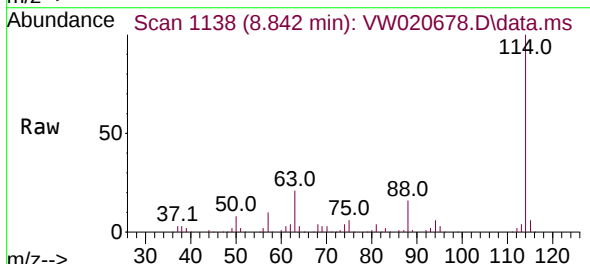
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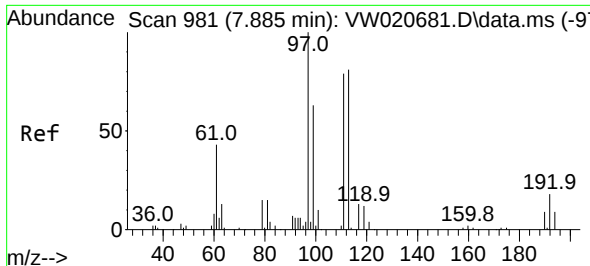
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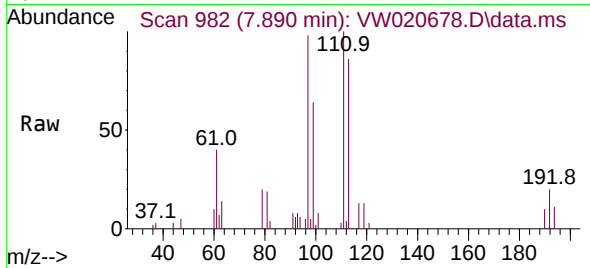
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW020678.D
 Acq: 22 Oct 2021 12:48

Tgt Ion: 114 Resp: 145683
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.5 0.0 33.0

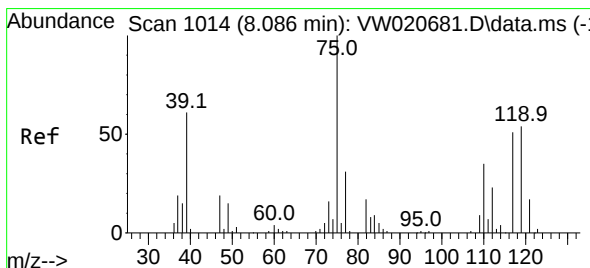
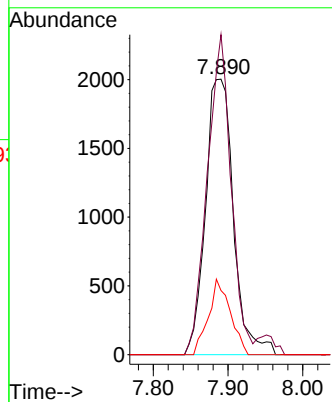
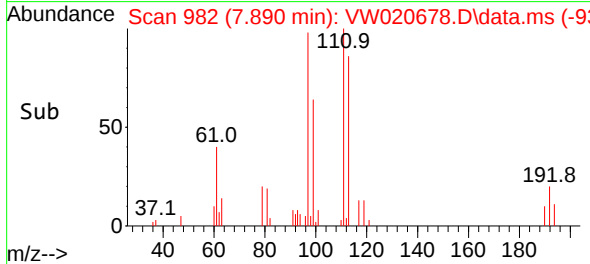




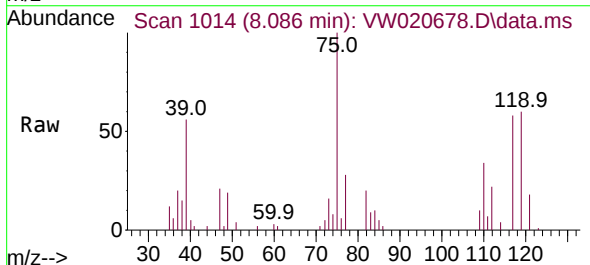
#35
Dibromofluoromethane
Concen: 5.448 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



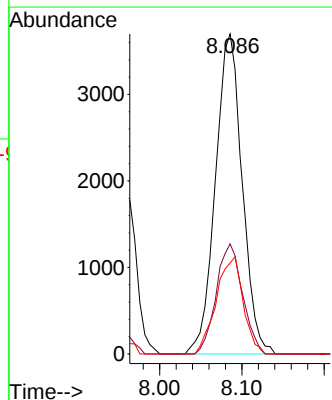
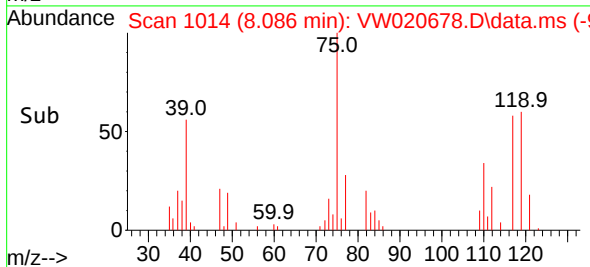
Tgt Ion: 113 Resp: 5195
Ion Ratio Lower Upper
113 100
111 99.5 82.1 123.1
192 21.4 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.497 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 75 Resp: 8365
Ion Ratio Lower Upper
75 100
110 33.8 17.1 51.3
77 30.4 24.9 37.3

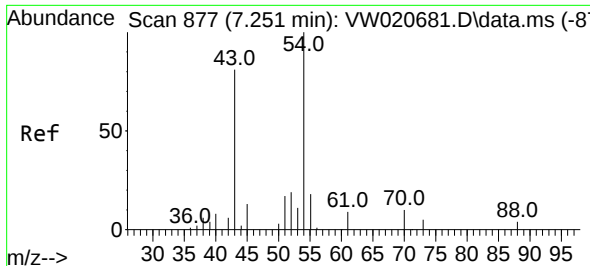


Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

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#37
Ethyl Acetate
Concen: 6.306 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

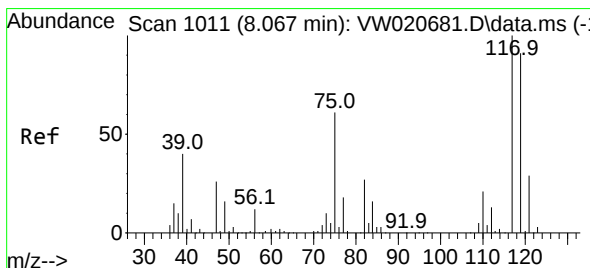
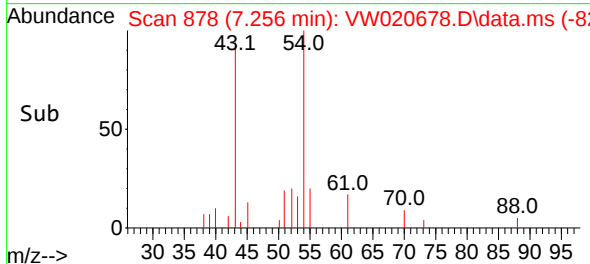
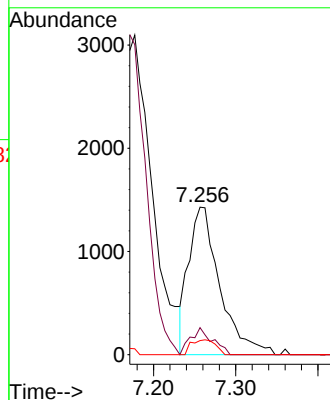
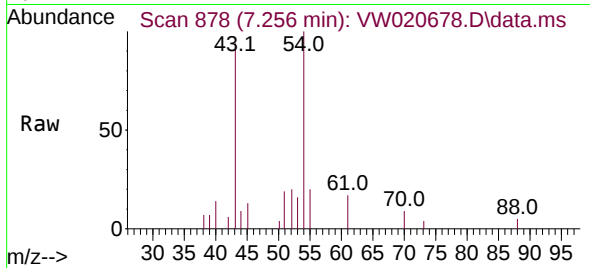
Tgt Ion:	43	Resp:	3772
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	7.8	8.8	13.2#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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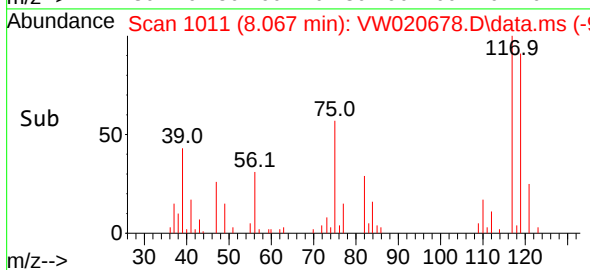
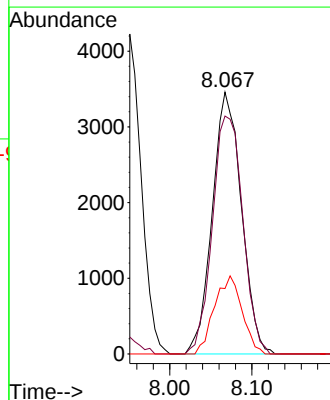
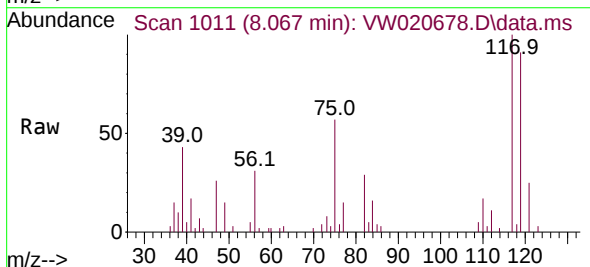
MMDadoda

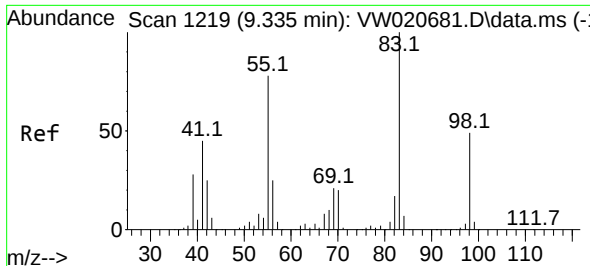
10/25/2021 11:56:04 AM



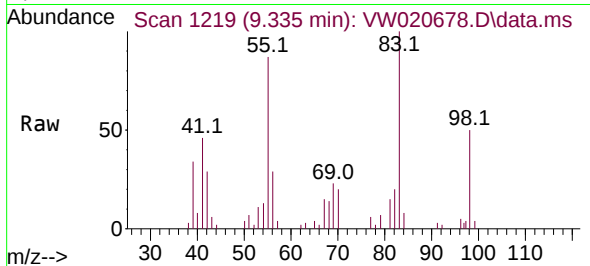
#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion:	117	Resp:	8527
Ion	Ratio	Lower	Upper
117	100		
119	90.9	72.9	109.3
121	25.0	23.4	35.0



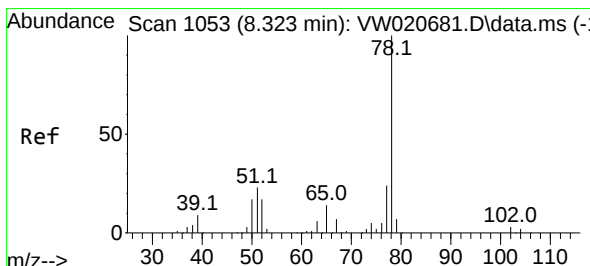
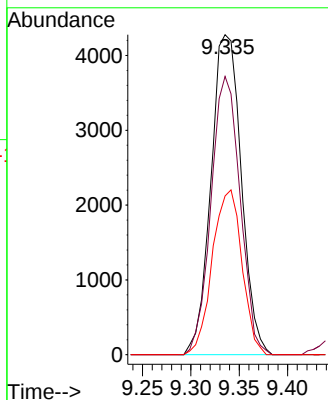
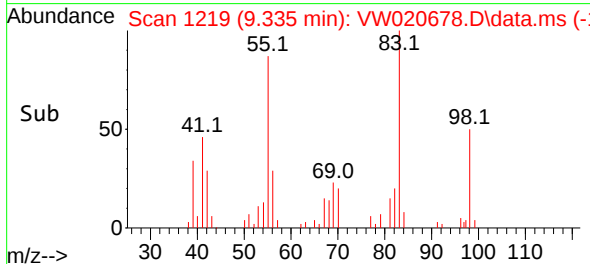


#39
Methylcyclohexane
Concen: 5.316 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

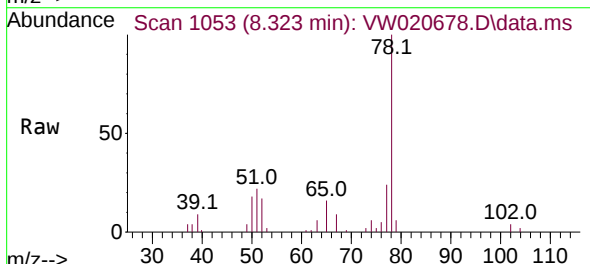


Tgt Ion: 83 Resp: 9327

Ion	Ratio	Lower	Upper
83	100		
55	86.9	62.6	94.0
98	49.6	38.8	58.2

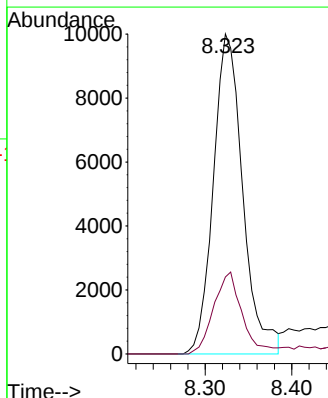
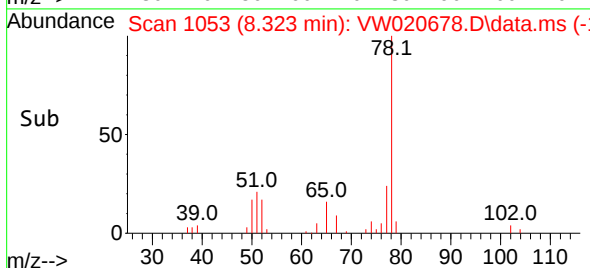


#40
Benzene
Concen: 5.647 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 78 Resp: 23609

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6

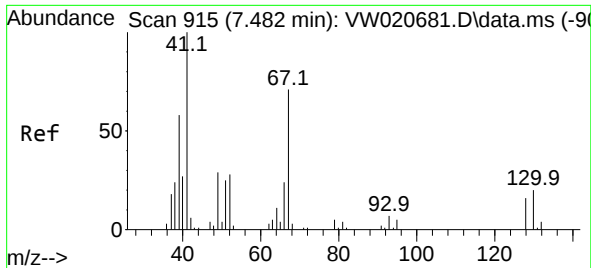


Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

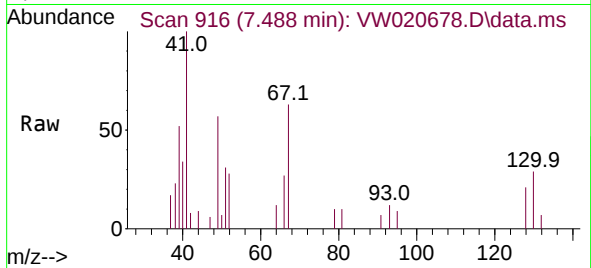
Manual Integrations
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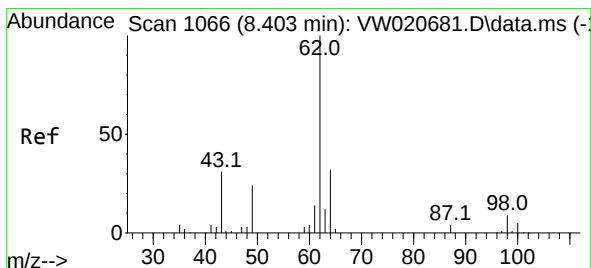
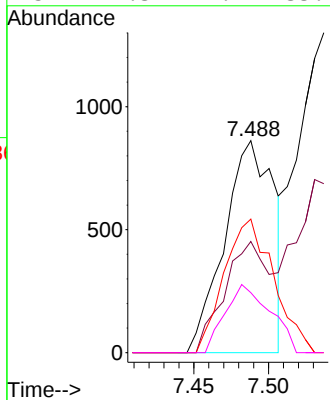
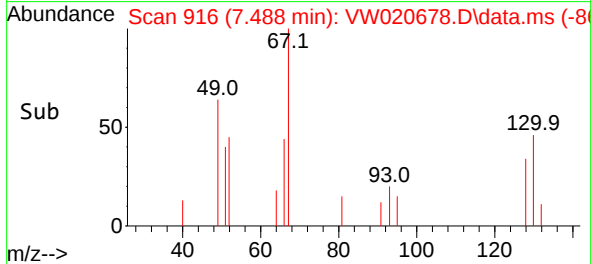
10/25/2021 11:56:04 AM



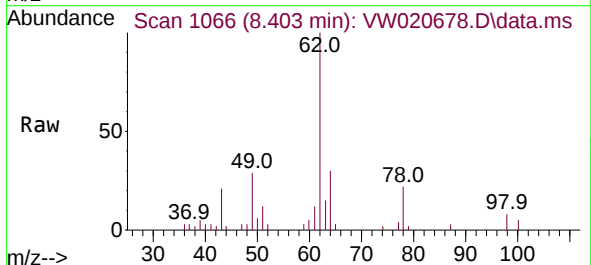
#41
Methacrylonitrile
Concen: 5.797 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



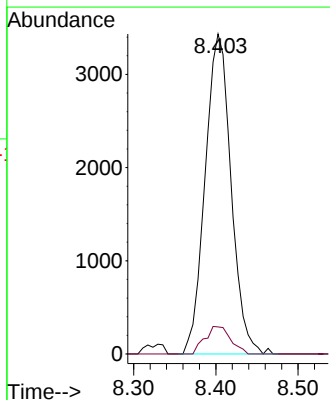
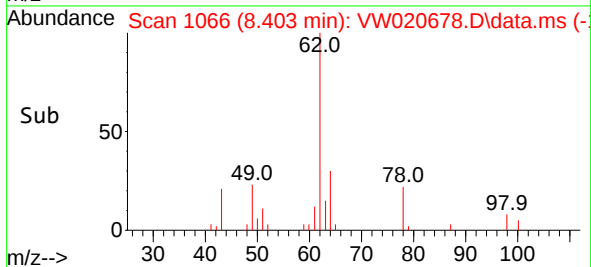
Tgt Ion	Ratio	Lower	Upper
41	100		
39	44.6	44.3	66.5
67	63.1	50.9	76.3
52	29.3	22.2	33.4



#42
1,2-Dichloroethane
Concen: 5.783 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

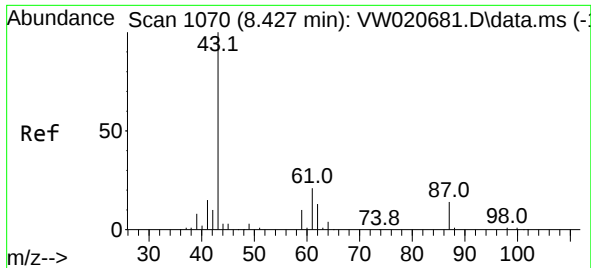


Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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#43
Isopropyl Acetate
Concen: 5.875 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

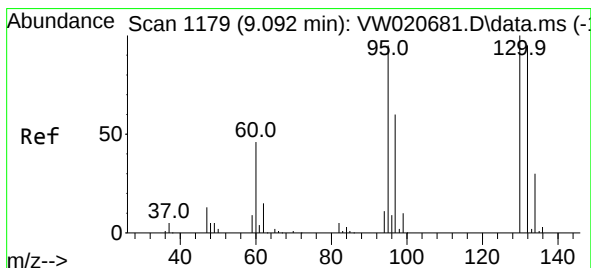
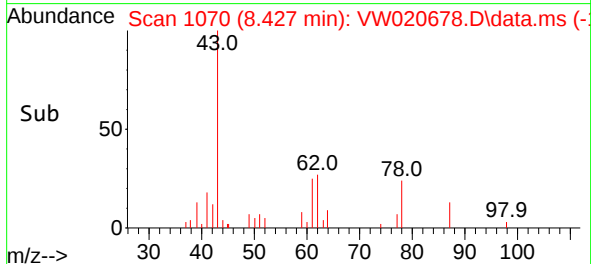
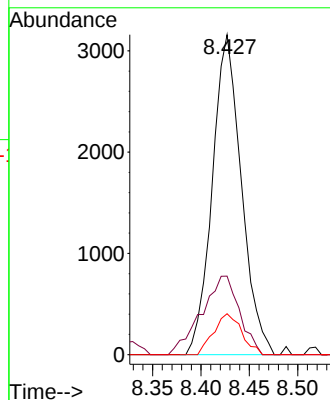
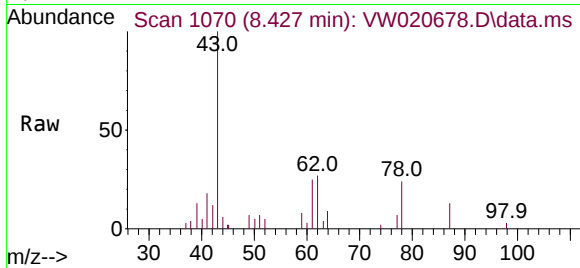
Tgt Ion:	43	Resp:	6606
Ion Ratio	Lower	Upper	
43	100		
61	32.0	23.3	34.9
87	12.2	10.4	15.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

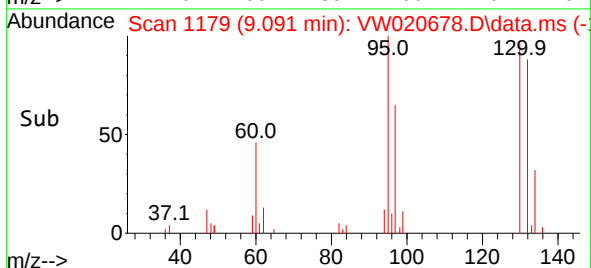
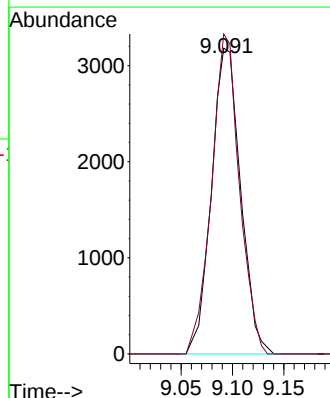
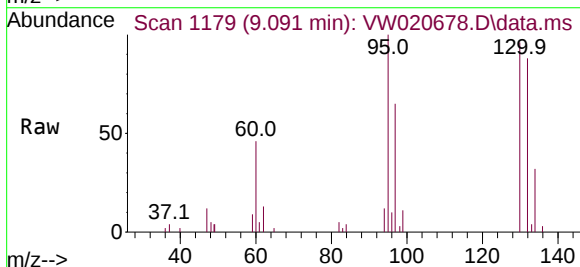
MMDadoda

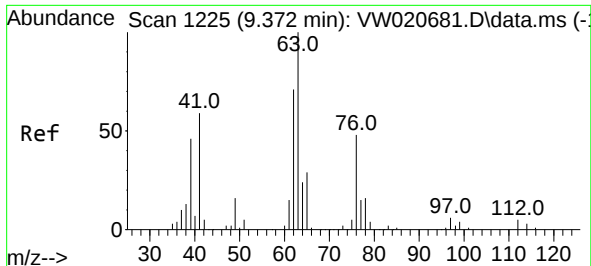
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#44
Trichloroethene
Concen: 5.674 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion:	130	Resp:	6269
Ion Ratio	Lower	Upper	
130	100		
95	104.7	0.0	189.2





#45
1,2-Dichloropropane
Concen: 5.421 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

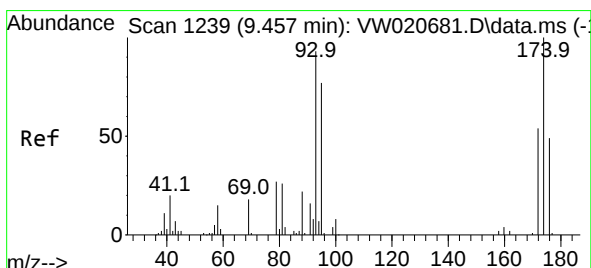
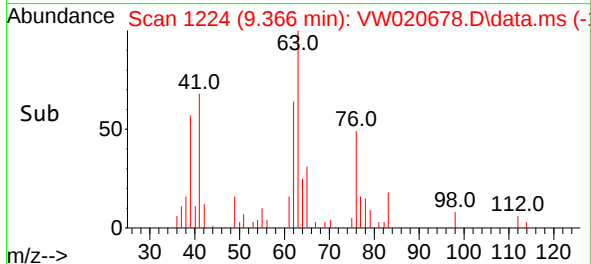
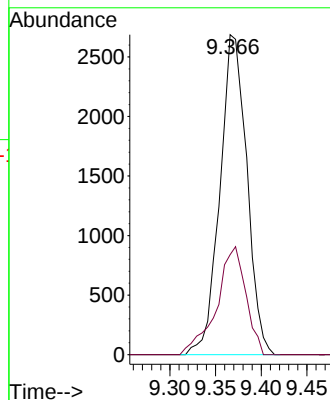
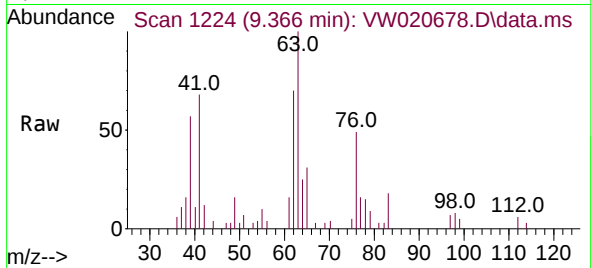
Tgt Ion: 63 Resp: 5511
Ion Ratio Lower Upper
63 100
65 31.3 23.7 35.5

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Manual Integrations
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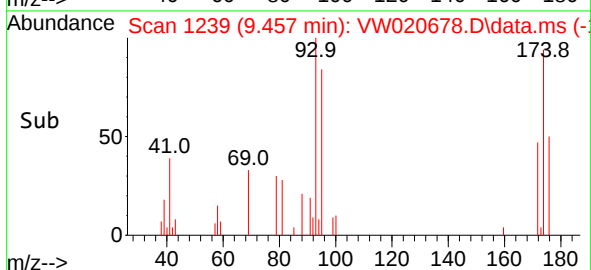
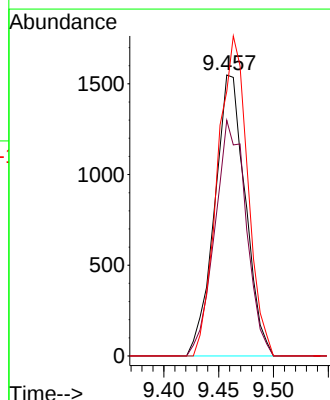
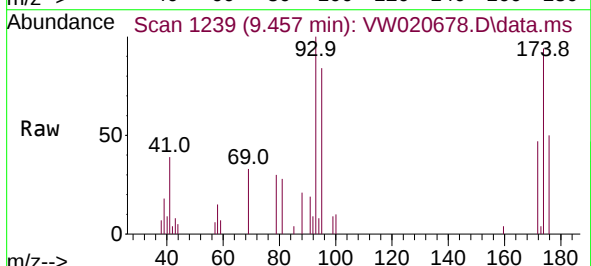
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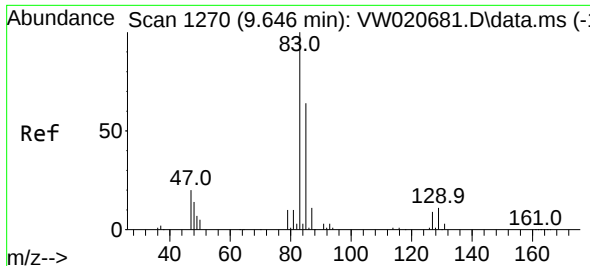
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#46
Dibromomethane
Concen: 5.244 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 93 Resp: 3022
Ion Ratio Lower Upper
93 100
95 85.2 67.0 100.4
174 111.3 88.9 133.3





#47
Bromodichloromethane
Concen: 5.291 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

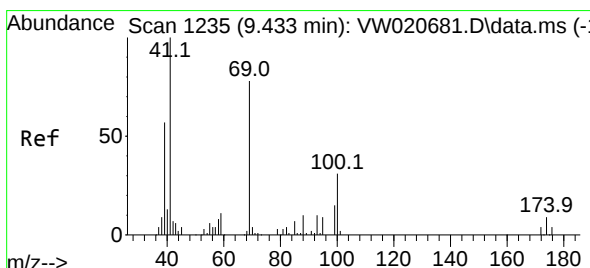
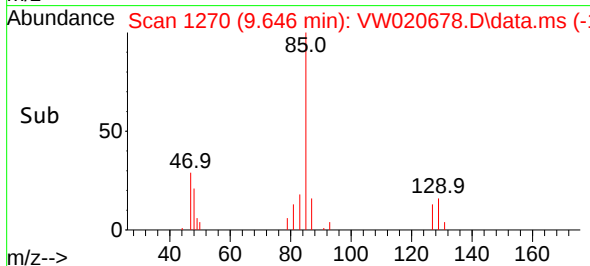
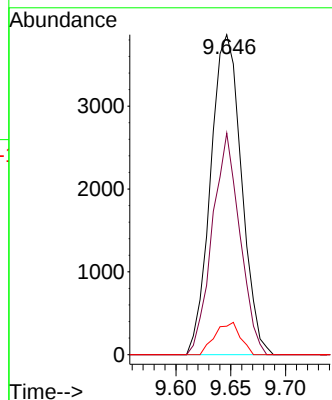
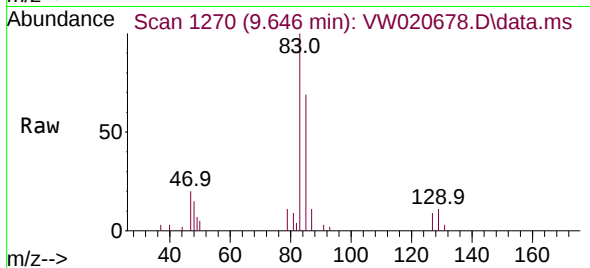
Tgt Ion:	83	Resp:	7558
Ion	Ratio	Lower	Upper
83	100		
85	69.2	51.0	76.6
127	8.9	7.0	10.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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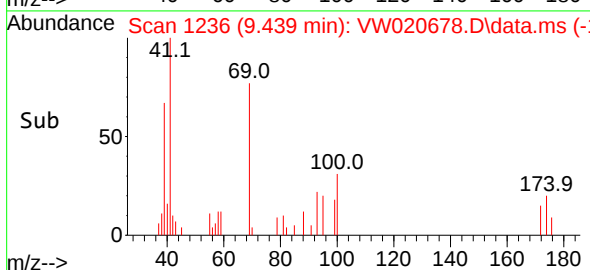
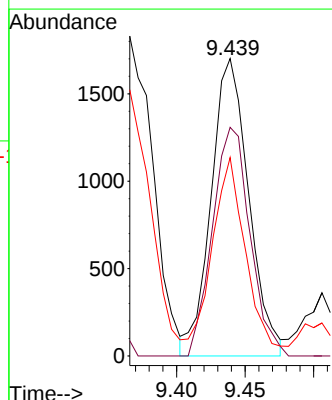
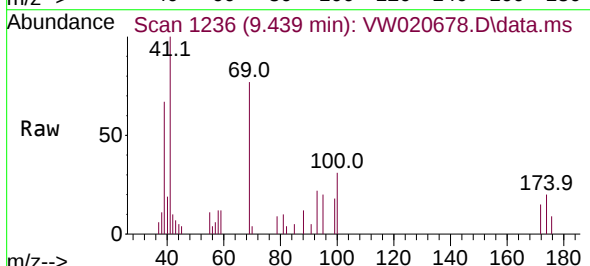
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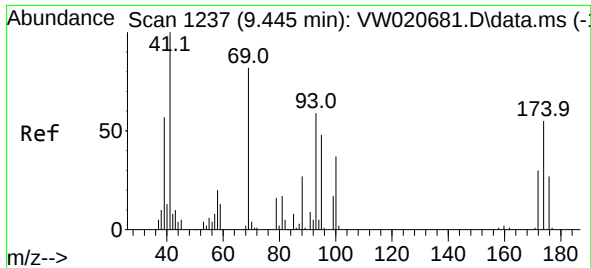
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#48
Methyl methacrylate
Concen: 6.489 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion:	41	Resp:	3248
Ion	Ratio	Lower	Upper
41	100		
69	76.6	67.2	100.8
39	54.2	47.0	70.6





#49
1,4-Dioxane
Concen: 99.587 ug/l
RT: 9.445 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

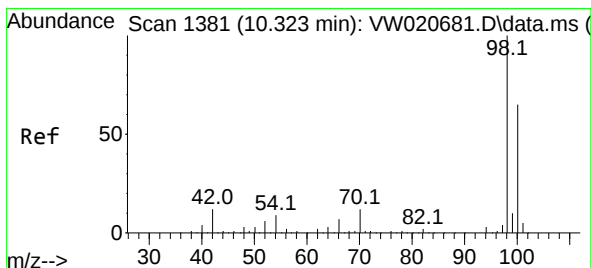
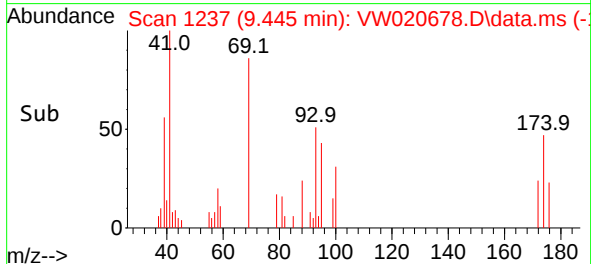
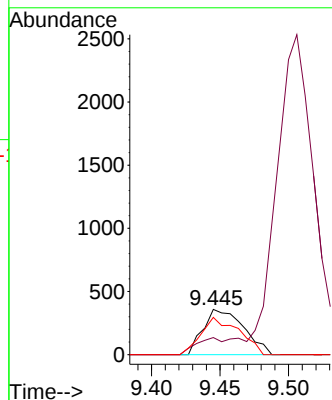
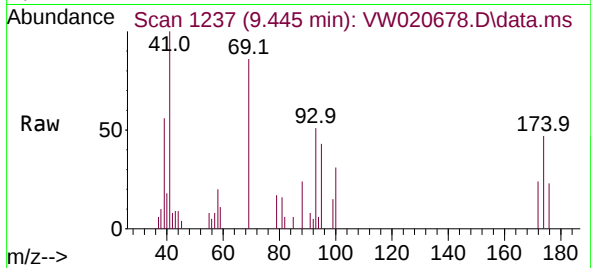
Tgt Ion: 88 Resp: 736
Ion Ratio Lower Upper
88 100
43 24.5 28.8 43.2#
58 77.7 59.6 89.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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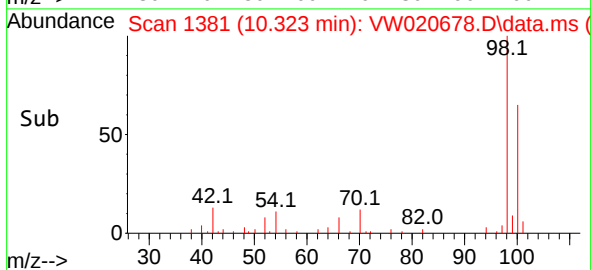
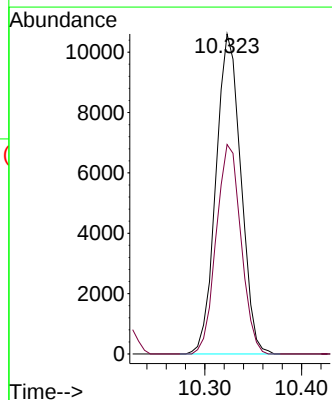
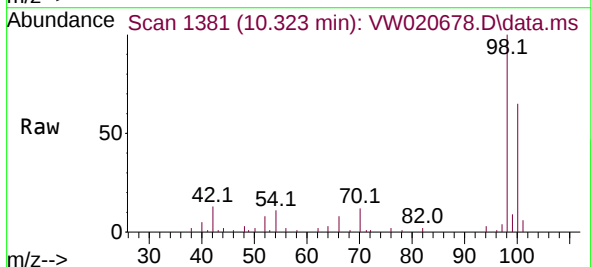
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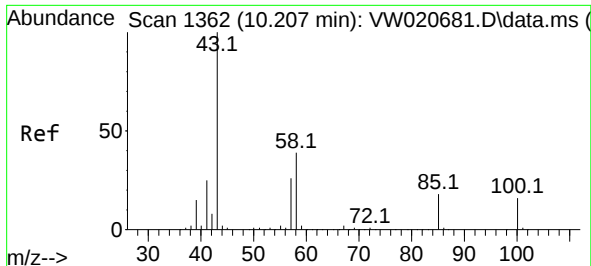
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#50
Toluene-d8
Concen: 5.331 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 98 Resp: 18938
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8





#51
4-Methyl-2-Pentanone
Concen: 30.606 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

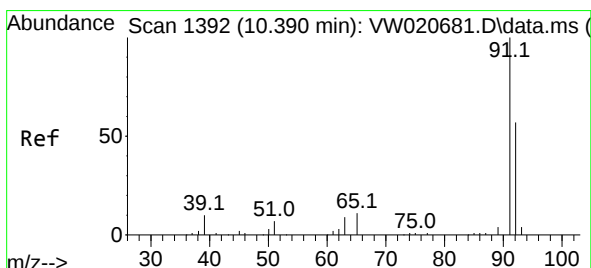
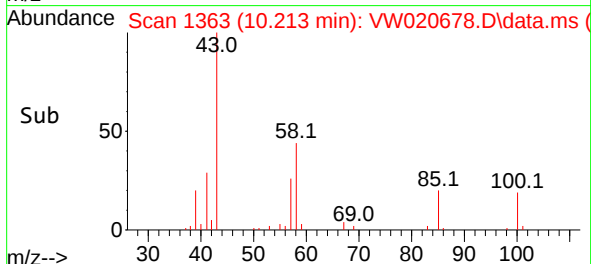
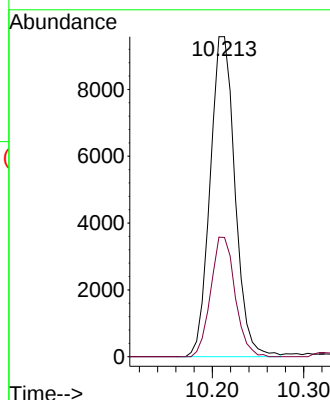
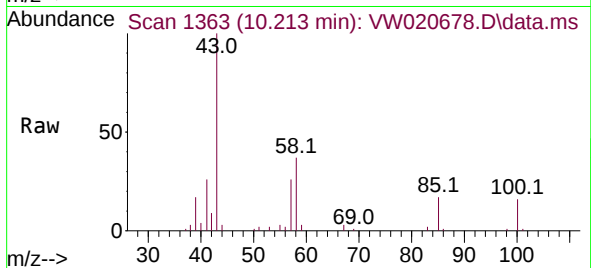
Tgt Ion: 43 Resp: 18112
Ion Ratio Lower Upper
43 100
58 36.5 30.6 46.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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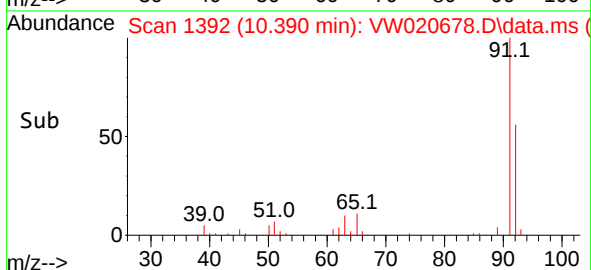
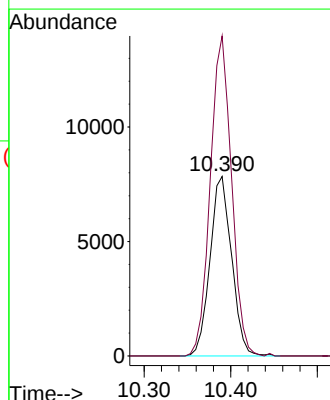
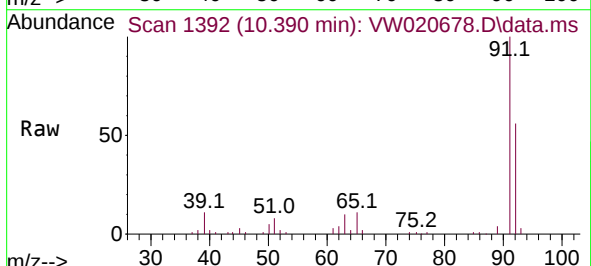
MMDadoda

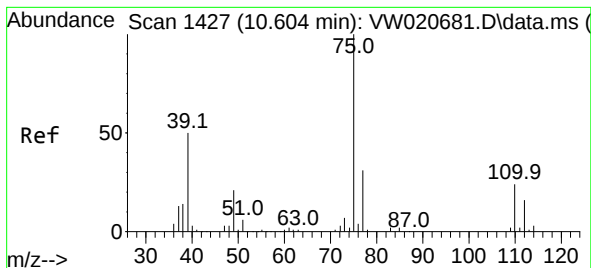
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#52
Toluene
Concen: 5.138 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 92 Resp: 13609
Ion Ratio Lower Upper
92 100
91 175.1 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 5.168 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

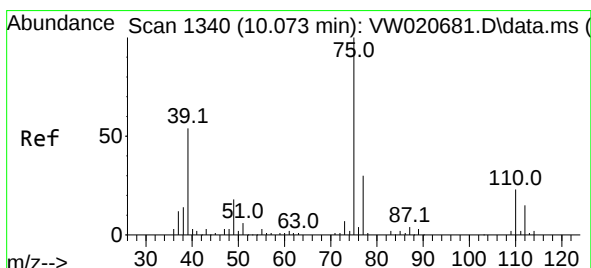
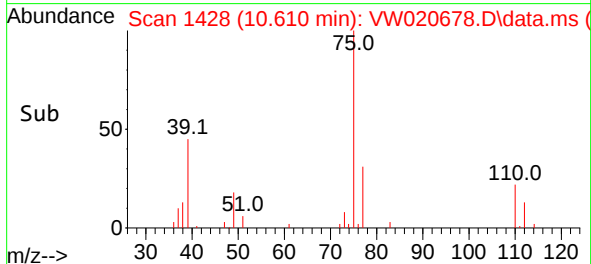
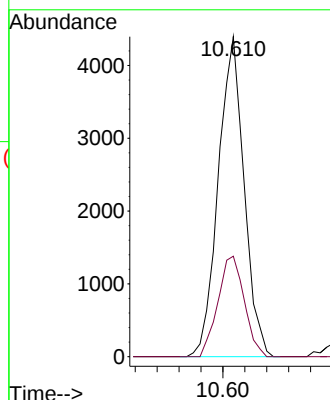
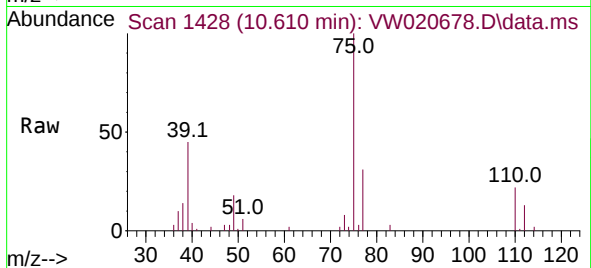
Tgt Ion: 75 Resp: 7172
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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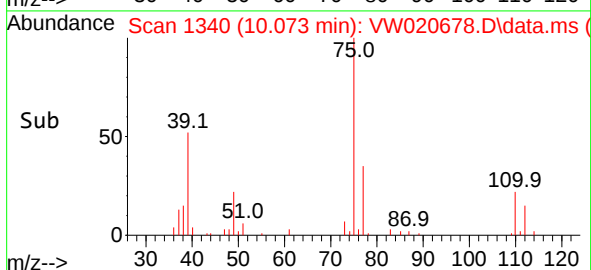
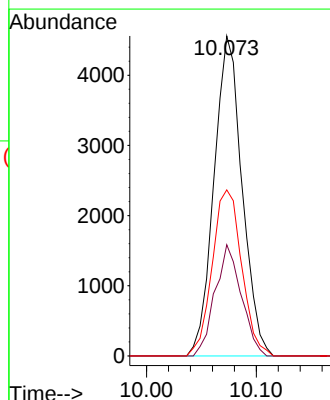
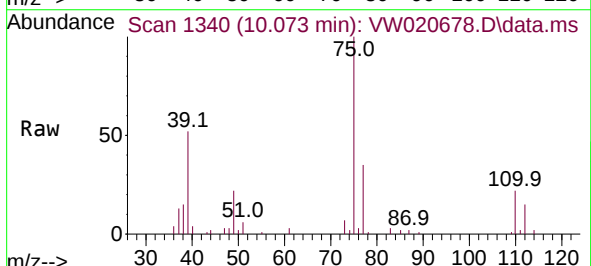
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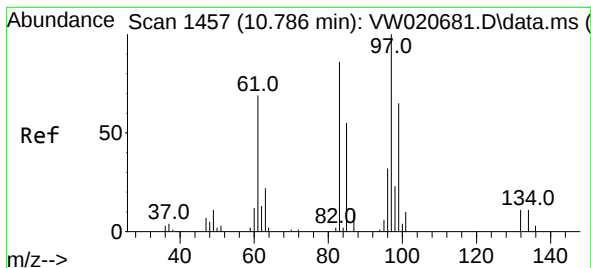
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#54
cis-1,3-Dichloropropene
Concen: 5.067 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 75 Resp: 8115
Ion Ratio Lower Upper
75 100
77 34.7 23.8 35.8
39 51.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 5.407 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

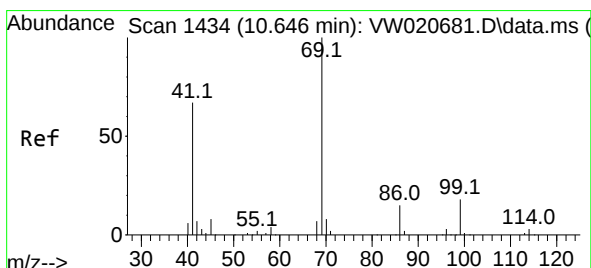
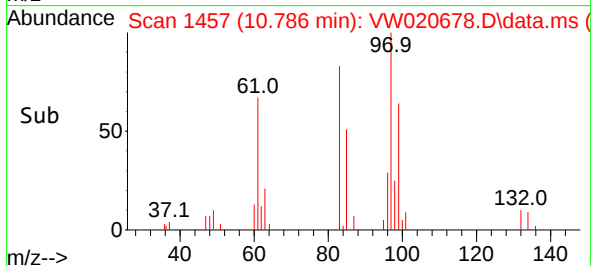
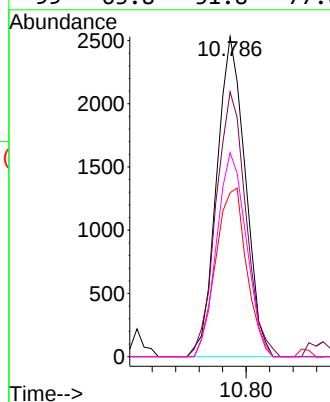
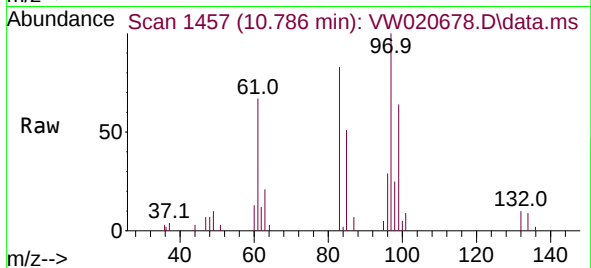
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.0	103.4
85	51.2	44.3	66.5
99	63.8	51.8	77.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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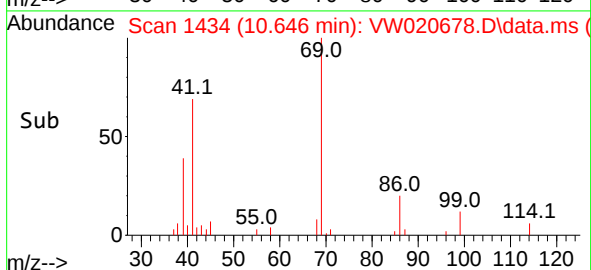
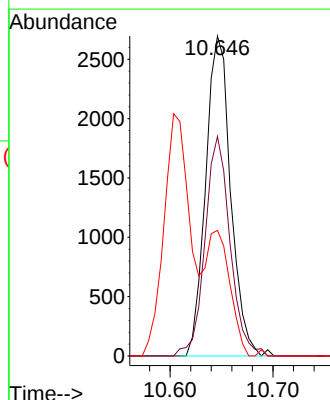
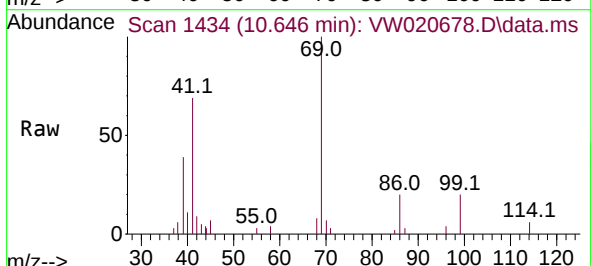
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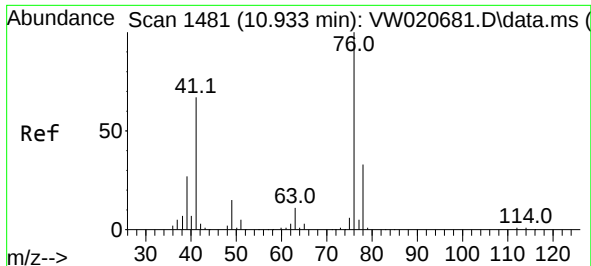
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#56
Ethyl methacrylate
Concen: 5.036 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.6	85.0
39	38.3	29.6	44.4





#57
1,3-Dichloropropane
Concen: 5.474 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

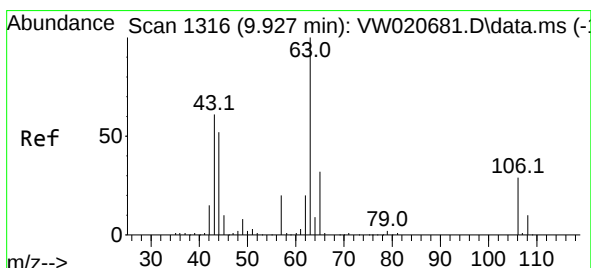
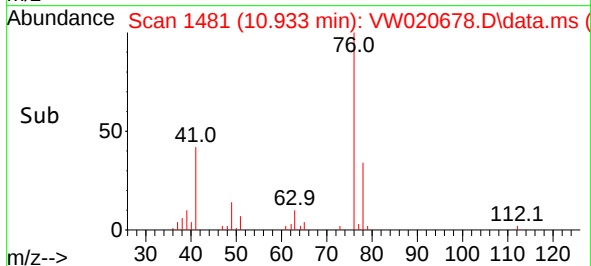
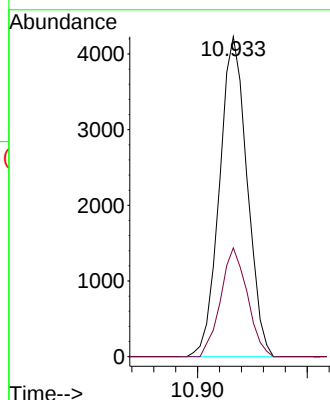
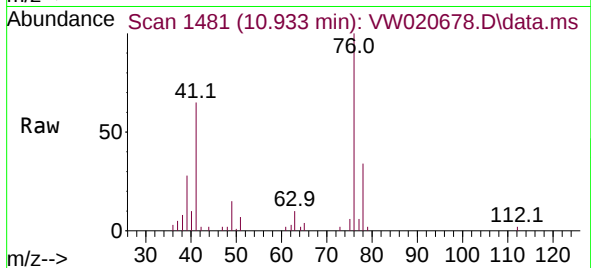
Tgt Ion: 76 Resp: 7384
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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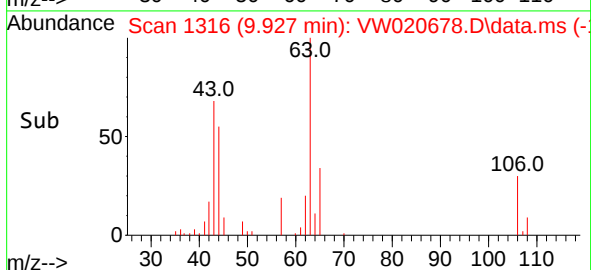
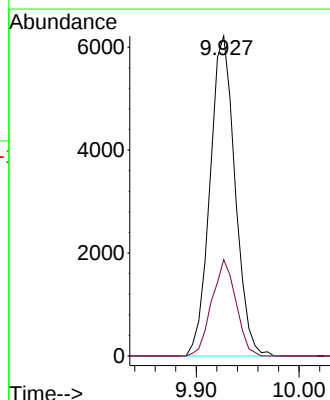
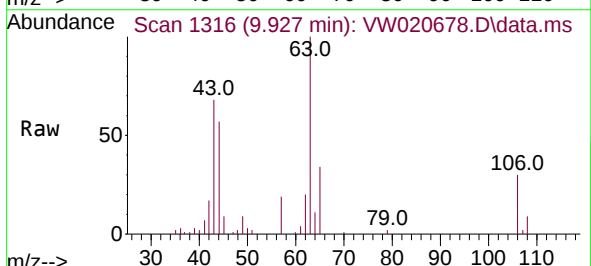
MMDadoda

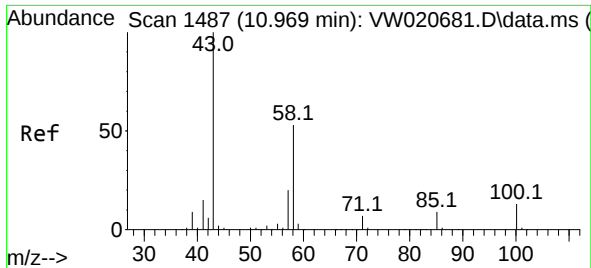
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#58
2-Chloroethyl Vinyl ether
Concen: 25.465 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 63 Resp: 10533
Ion Ratio Lower Upper
63 100
106 29.0 23.0 34.6





#59
2-Hexanone
Concen: 30.653 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

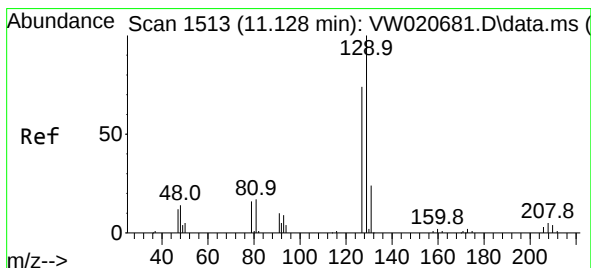
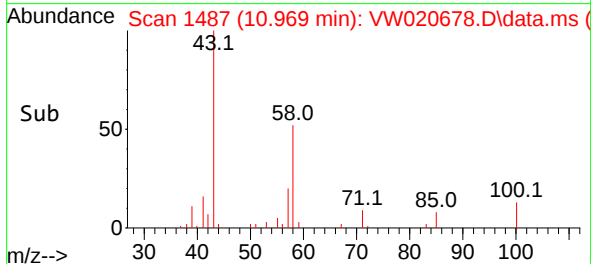
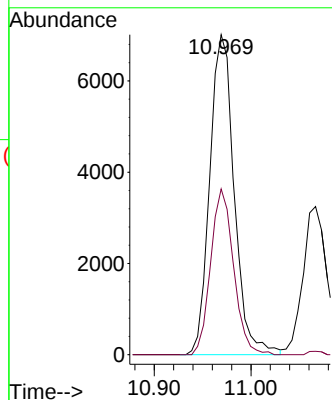
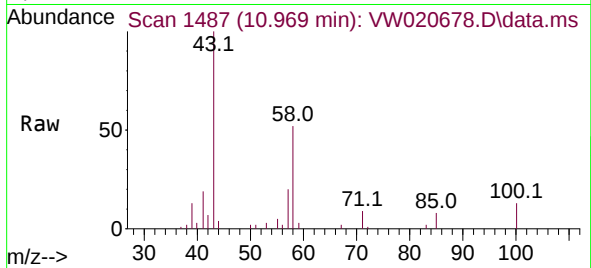
Tgt Ion: 43 Resp: 12335
Ion Ratio Lower Upper
43 100
58 48.5 26.4 79.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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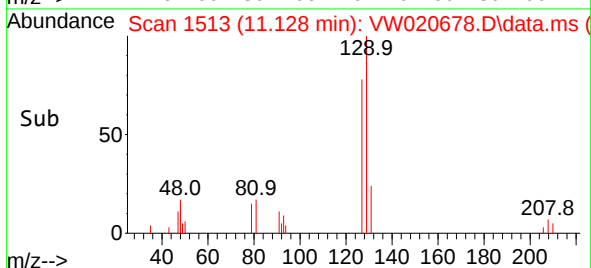
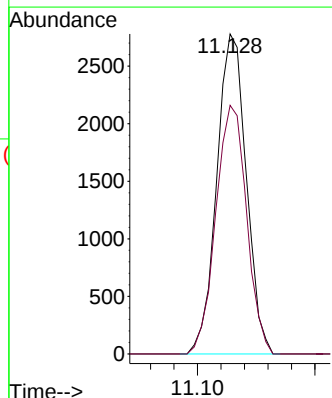
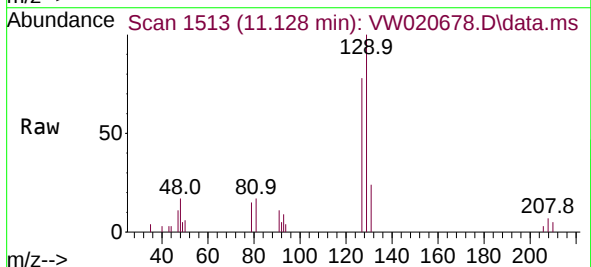
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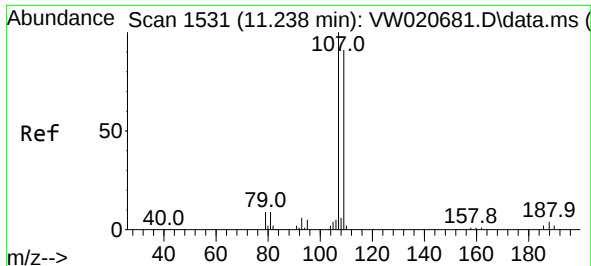
10/25/2021 11:56:04 AM



#60
Dibromochloromethane
Concen: 5.323 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

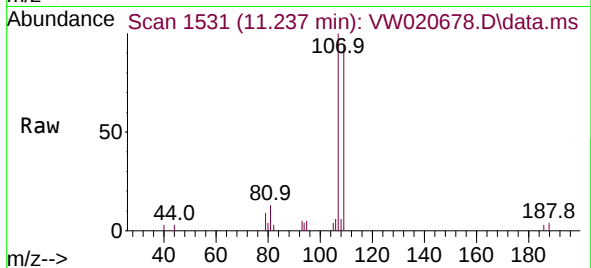
Tgt Ion: 129 Resp: 4848
Ion Ratio Lower Upper
129 100
127 81.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 5.542 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

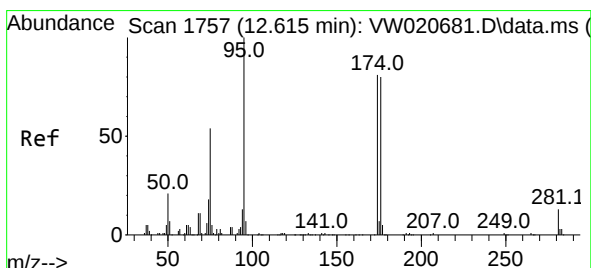
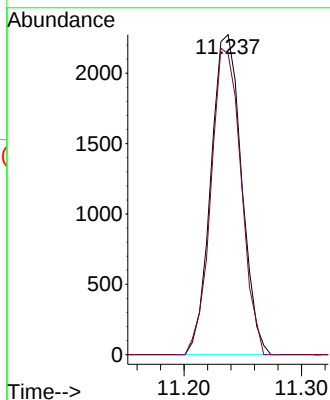
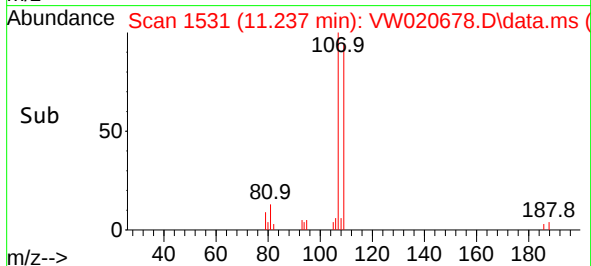


Tgt Ion:107 Resp: 4117
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2

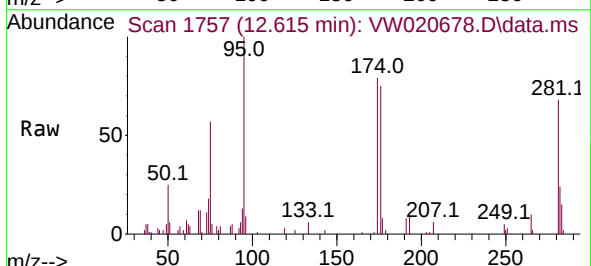
Manual Integrations
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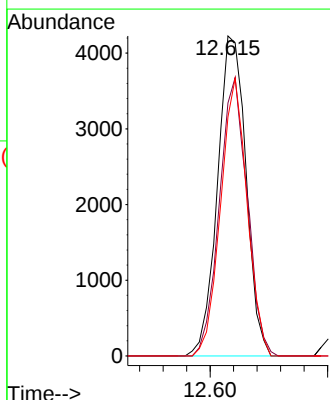
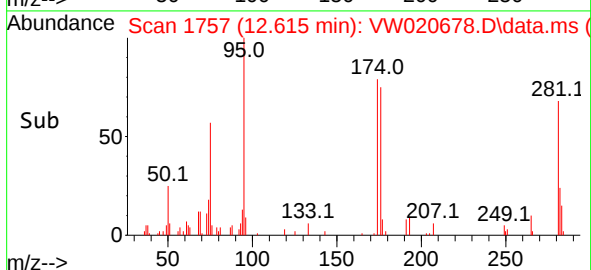
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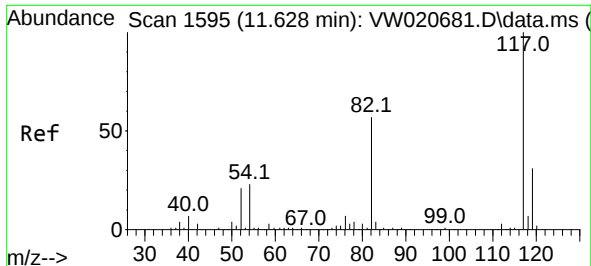


#62
4-Bromofluorobenzene
Concen: 5.453 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

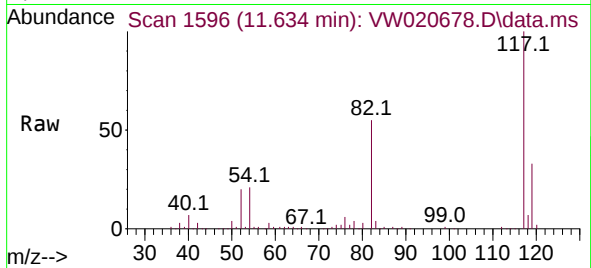


Tgt Ion: 95 Resp: 7122
Ion Ratio Lower Upper
95 100
174 85.0 0.0 166.4
176 80.5 0.0 159.8

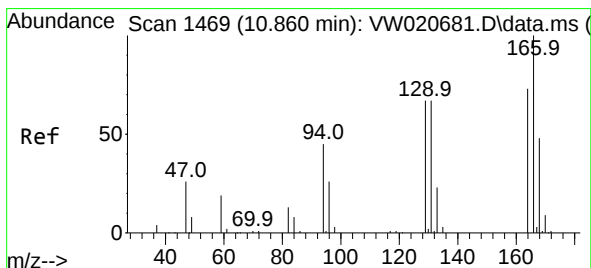
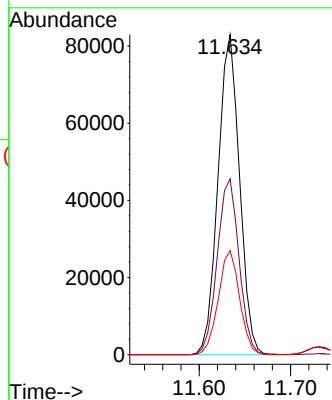
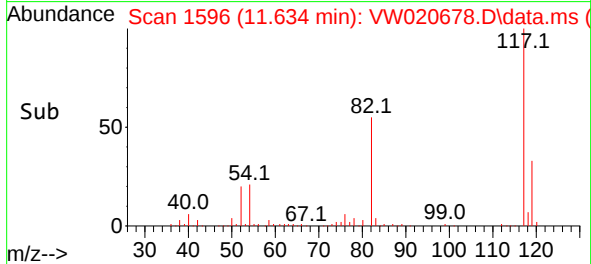




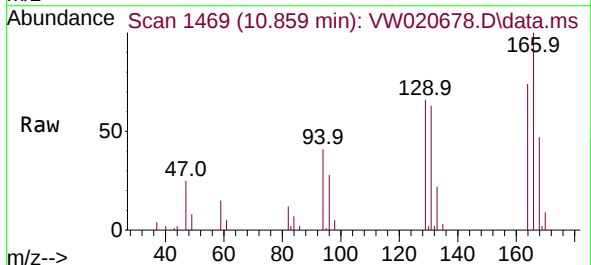
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



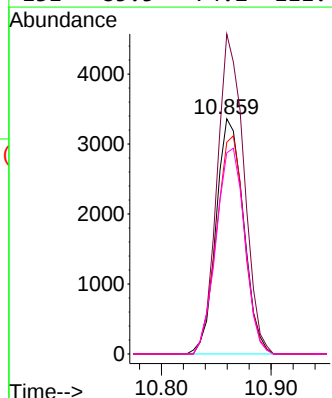
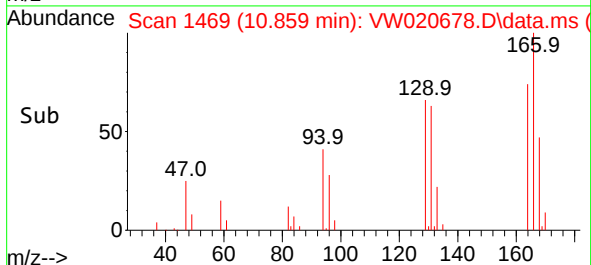
Tgt Ion:117 Resp: 135924
Ion Ratio Lower Upper
117 100
82 54.9 45.6 68.4
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 6.168 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion:164 Resp: 5868
Ion Ratio Lower Upper
164 100
166 136.0 110.2 165.4
129 90.0 74.4 111.6
131 85.5 74.2 111.4

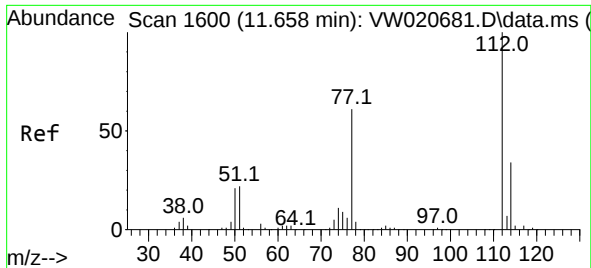


Instrument :
MSVOA_W
ClientSampleId :
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#65
Chlorobenzene
Concen: 5.431 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

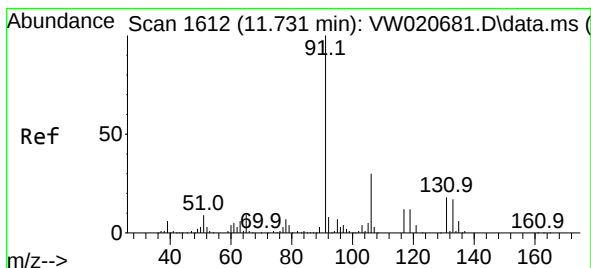
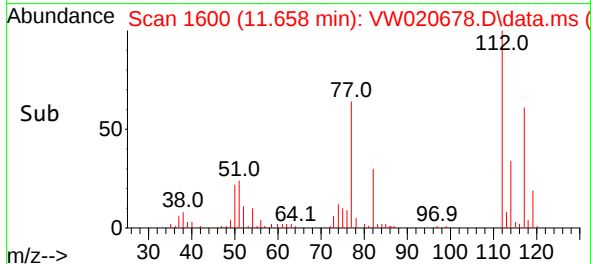
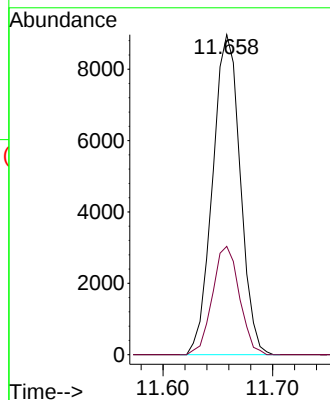
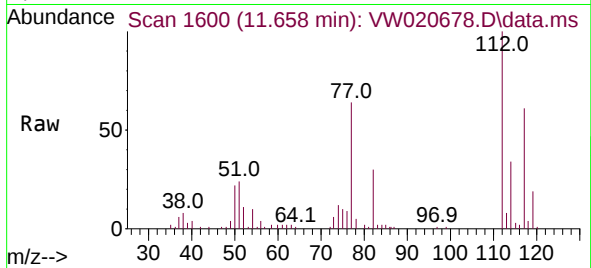
Tgt Ion:112 Resp: 15692
Ion Ratio Lower Upper
112 100
114 33.9 27.0 40.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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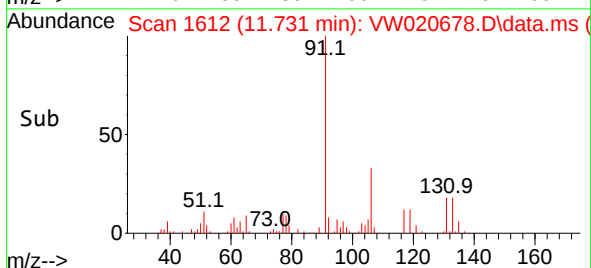
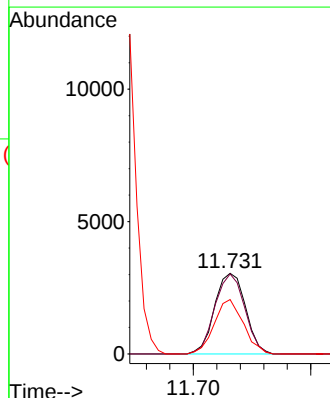
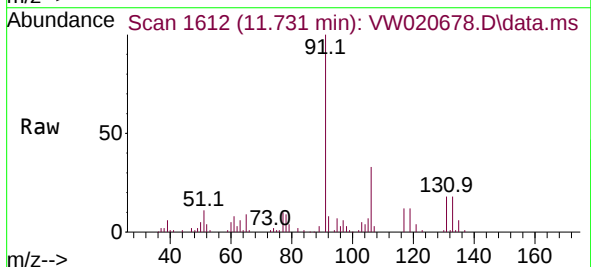
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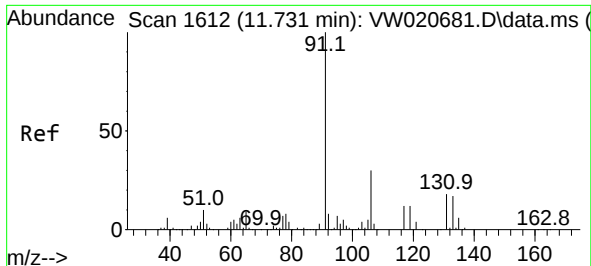
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.388 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion:131 Resp: 5558
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 63.6 31.6 95.0





#67
Ethyl Benzene
Concen: 5.238 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

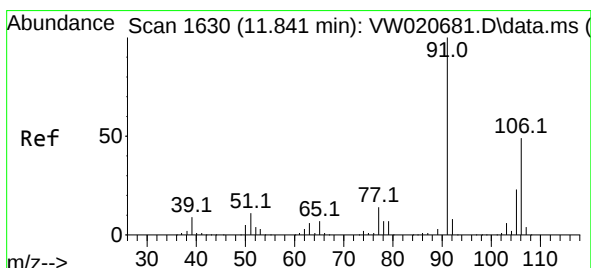
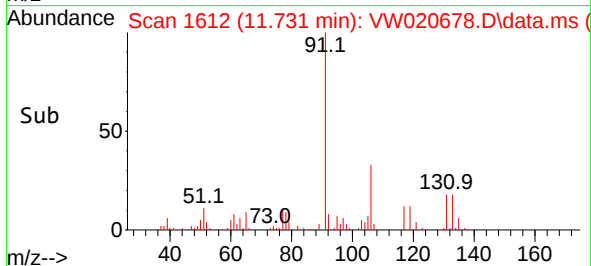
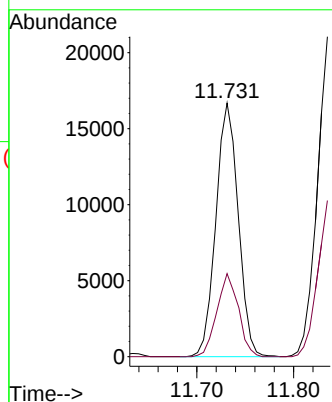
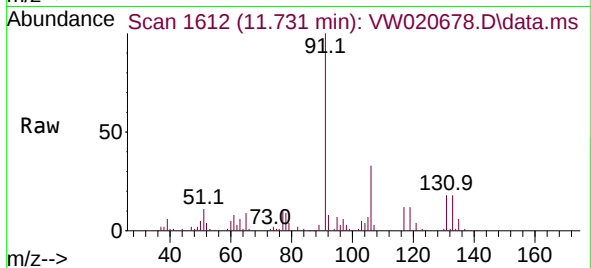
Tgt Ion: 91 Resp: 26726
Ion Ratio Lower Upper
91 100
106 32.8 24.4 36.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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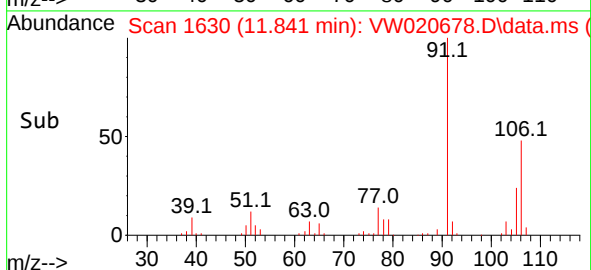
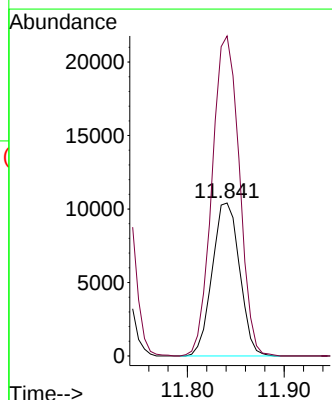
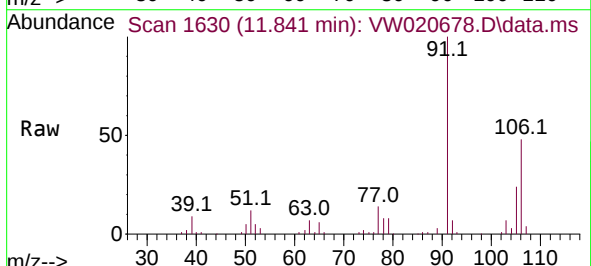
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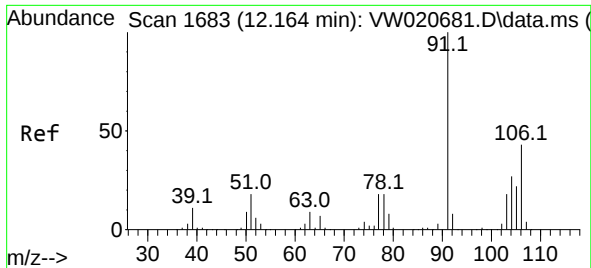
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#68
m/p-Xylenes
Concen: 10.241 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion:106 Resp: 20462
Ion Ratio Lower Upper
106 100
91 208.3 166.4 249.6





#69
o-Xylene
Concen: 5.180 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

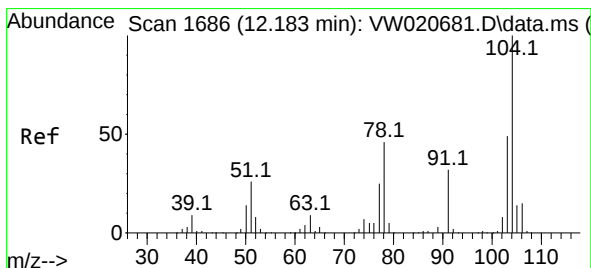
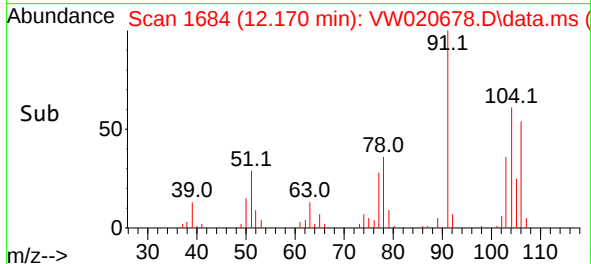
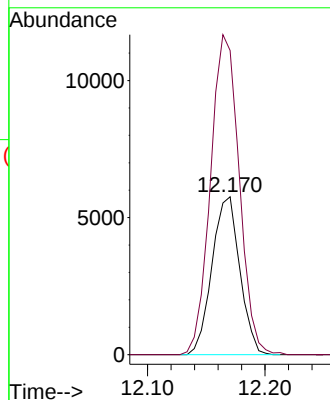
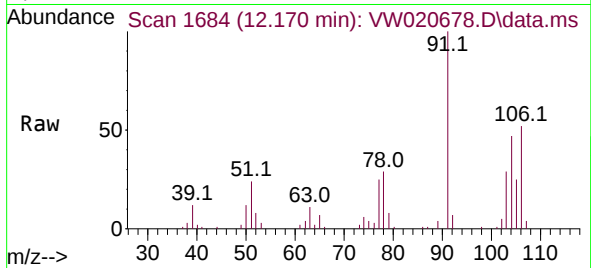
Tgt Ion:106 Resp: 9460
Ion Ratio Lower Upper
106 100
91 209.6 110.9 332.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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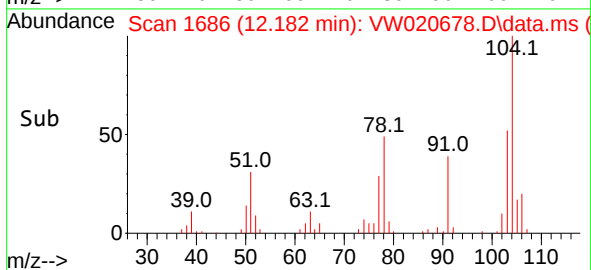
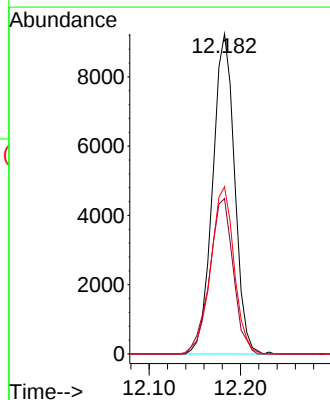
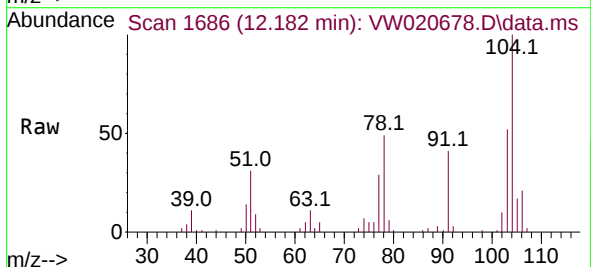
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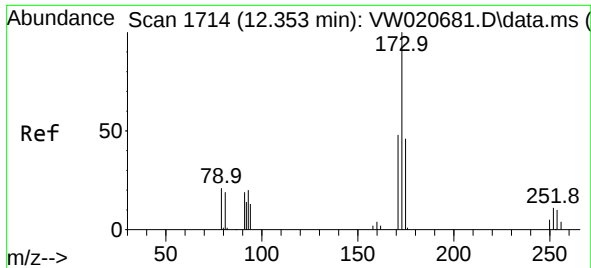
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#70
Styrene
Concen: 4.947 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

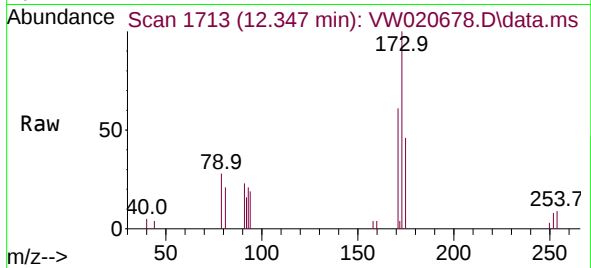
Tgt Ion:104 Resp: 15375
Ion Ratio Lower Upper
104 100
78 52.4 41.4 62.0
103 55.9 43.3 64.9





#71
Bromoform
Concen: 5.939 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

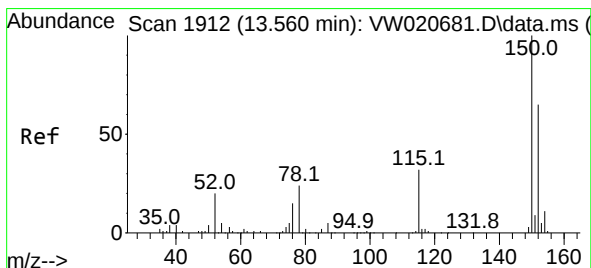
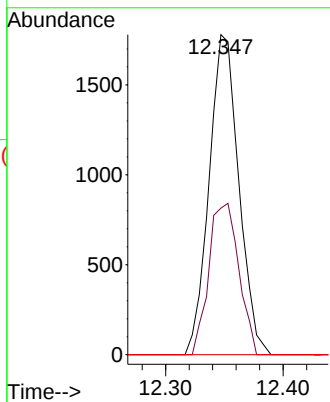
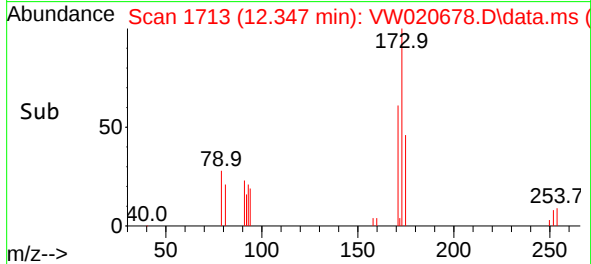


Tgt Ion:173 Resp: 3126
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.0 0.0

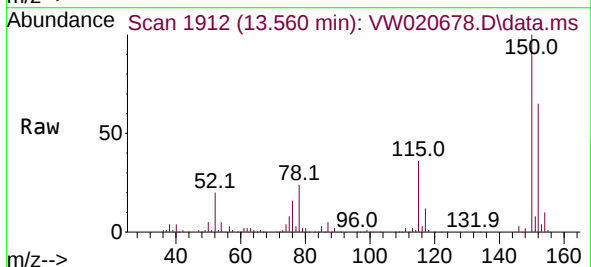
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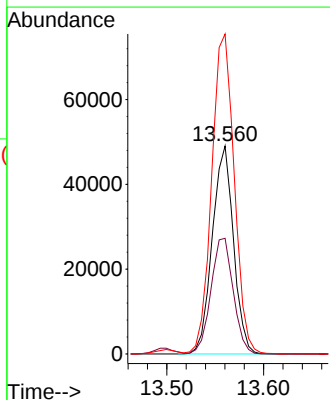
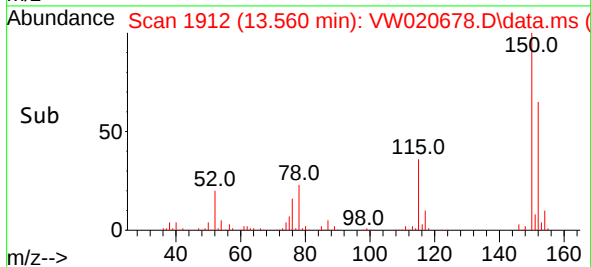
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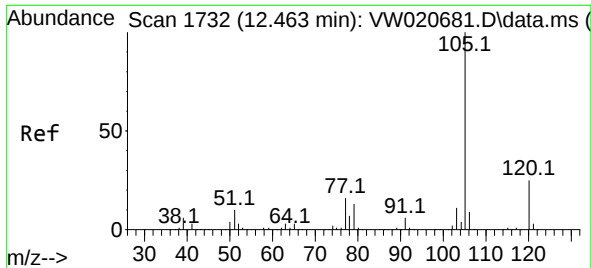


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion:152 Resp: 74696
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.9
150 163.4 0.0 352.6





#73
Isopropylbenzene
Concen: 4.989 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

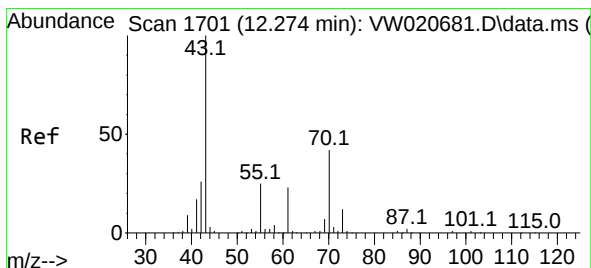
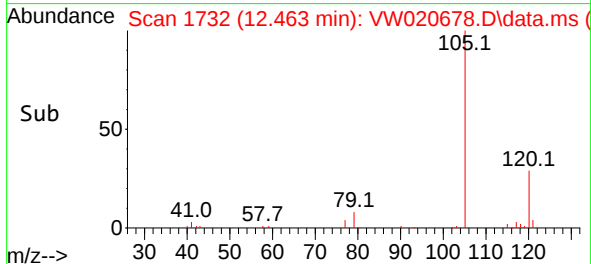
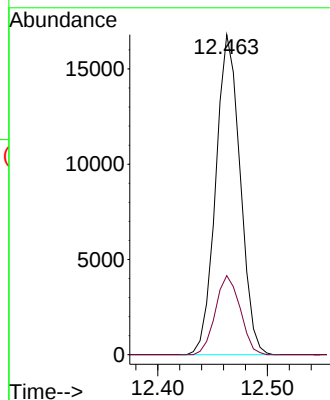
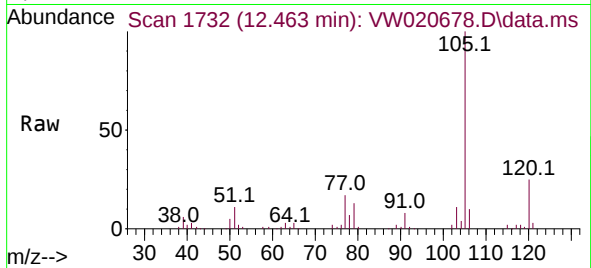
Tgt Ion: 105 Resp: 26022
Ion Ratio Lower Upper
105 100
120 25.0 13.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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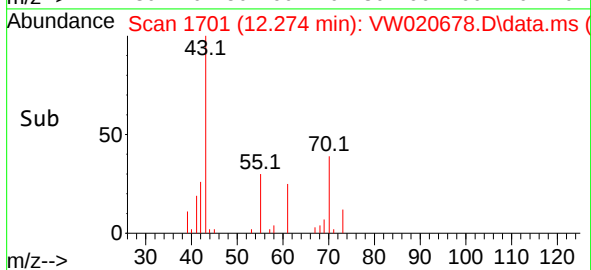
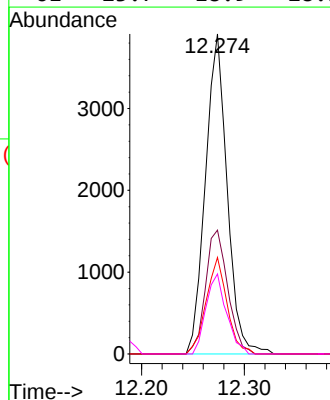
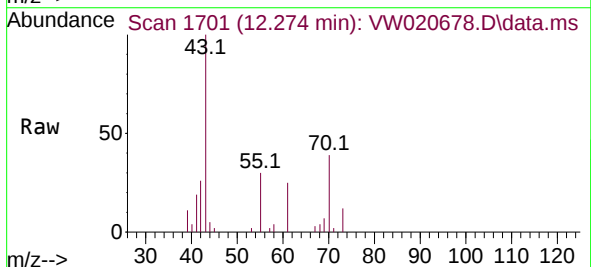
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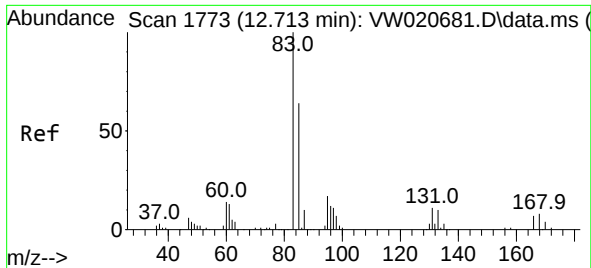
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#74
N-ethyl acetate
Concen: 5.108 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 43 Resp: 5752
Ion Ratio Lower Upper
43 100
70 39.7 33.4 50.2
55 29.0 20.1 30.1
61 23.7 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.554 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

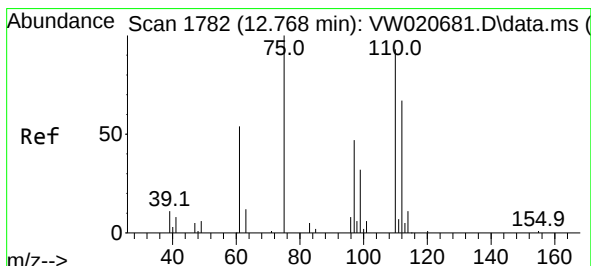
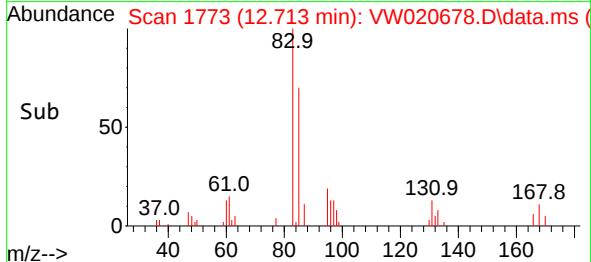
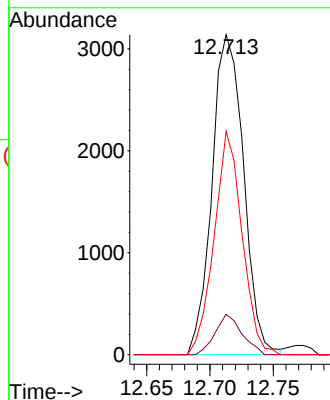
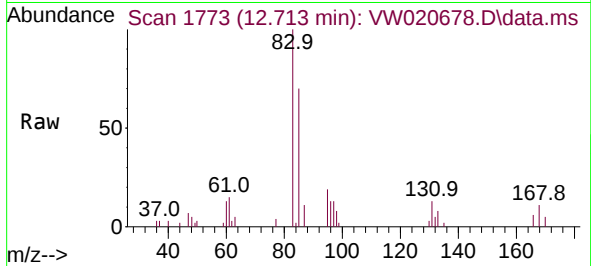
Tgt Ion: 83 Resp: 5446
Ion Ratio Lower Upper
83 100
131 10.7 5.8 17.3
85 61.7 31.8 95.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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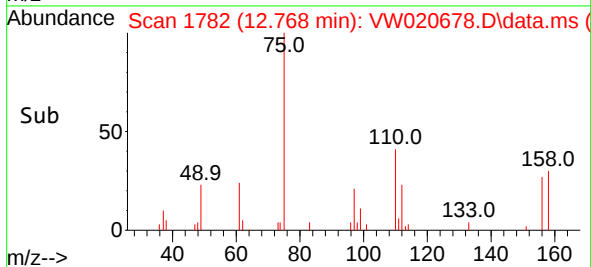
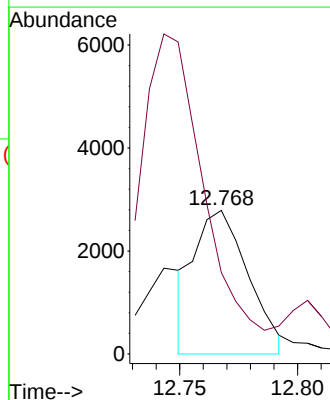
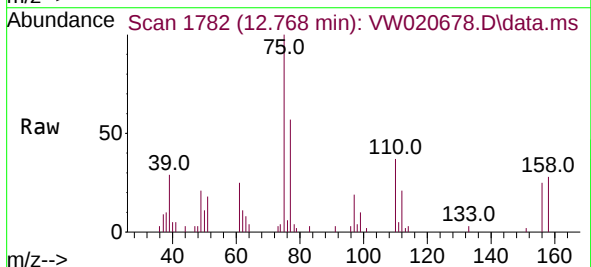
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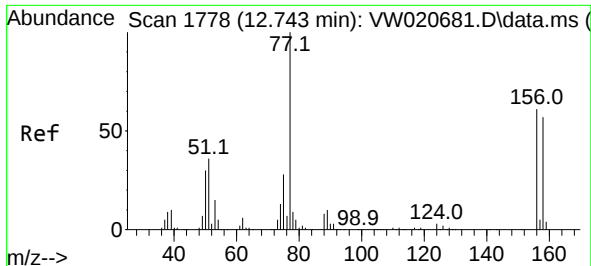
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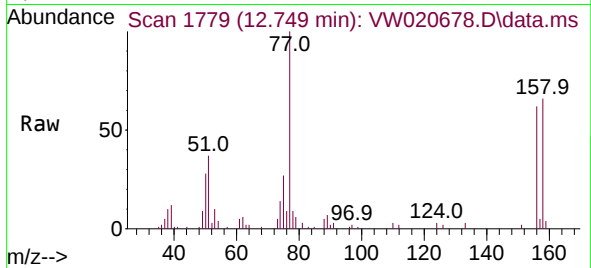
#76
1,2,3-Trichloropropane
Concen: 6.108 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

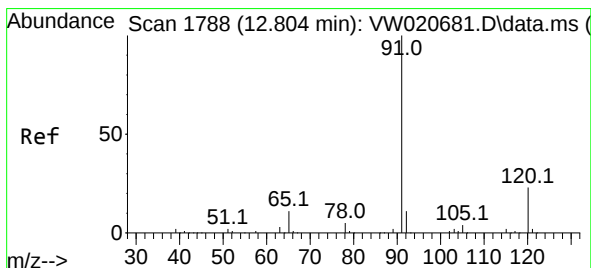
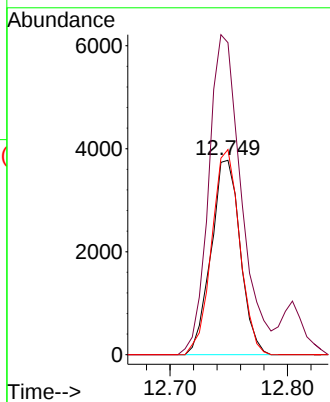
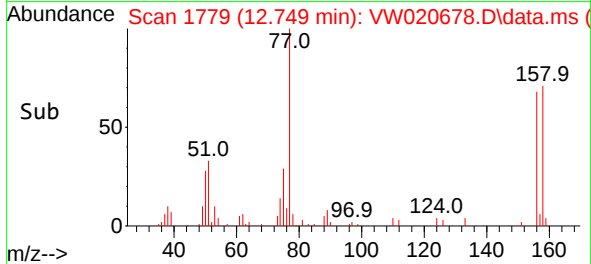




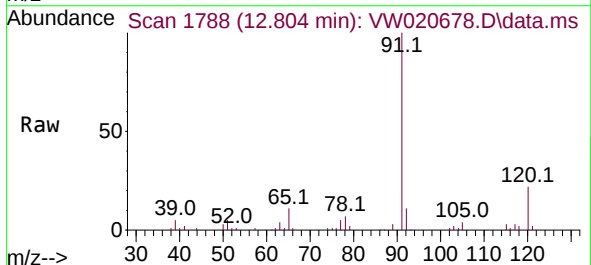
#77
Bromobenzene
Concen: 5.293 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



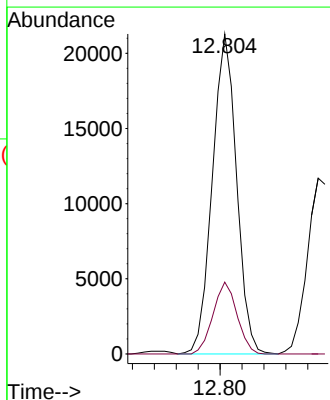
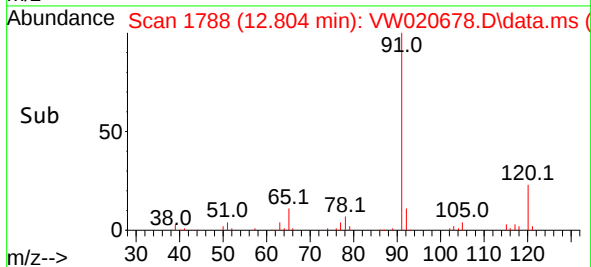
Tgt Ion: 156 Resp: 6504
Ion Ratio Lower Upper
156 100
77 183.8 91.8 275.6
158 101.4 47.9 143.8



#78
n-propylbenzene
Concen: 4.981 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 91 Resp: 32628
Ion Ratio Lower Upper
91 100
120 22.2 11.7 35.0

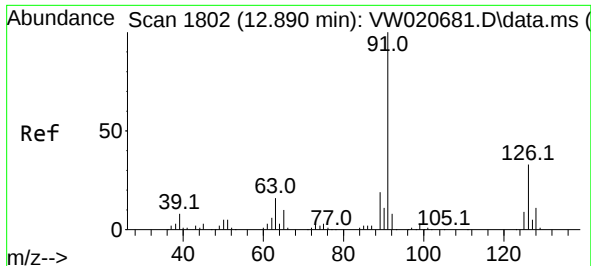


Instrument :
MSVOA_W
ClientSampleId :
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#79
2-Chlorotoluene
Concen: 5.124 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

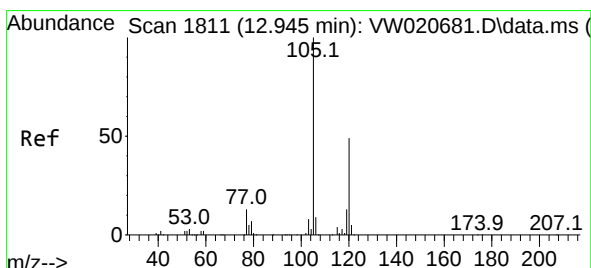
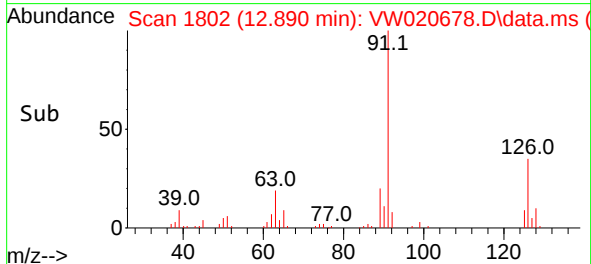
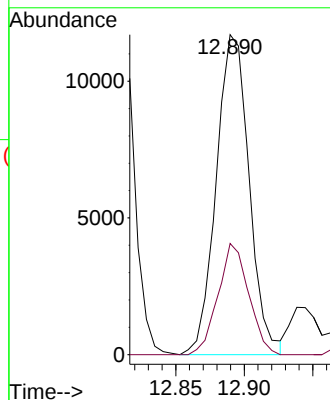
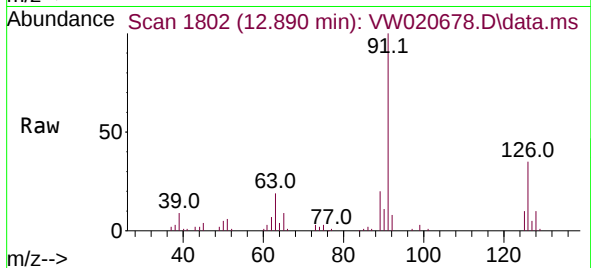
Tgt Ion: 91 Resp: 19568
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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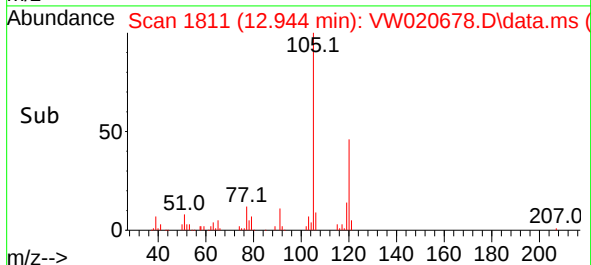
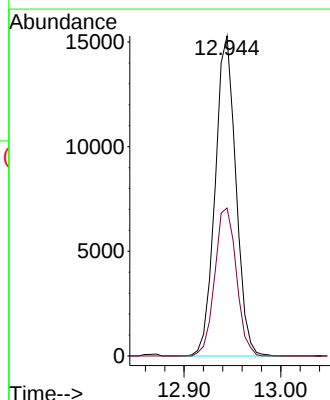
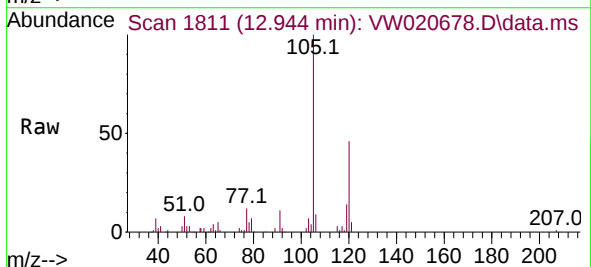
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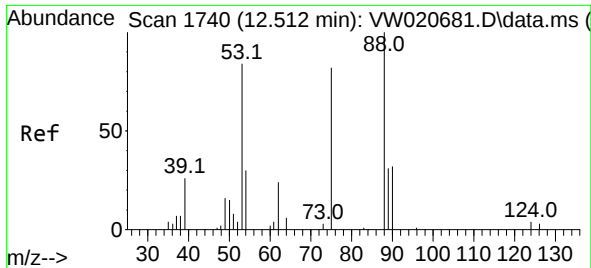
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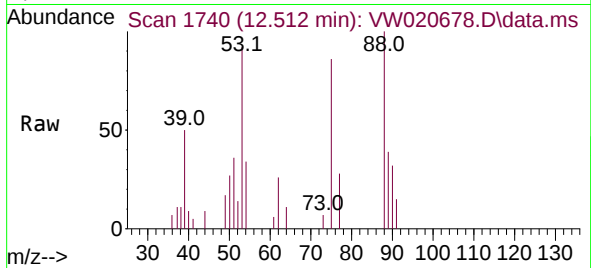
#80
1,3,5-Trimethylbenzene
Concen: 4.945 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion: 105 Resp: 22732
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9

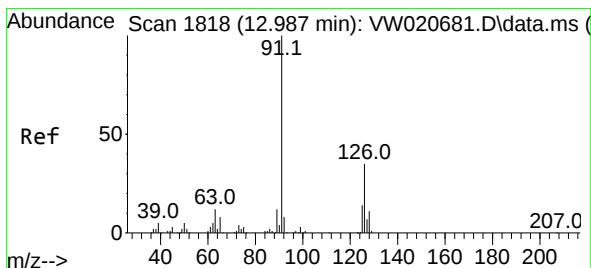
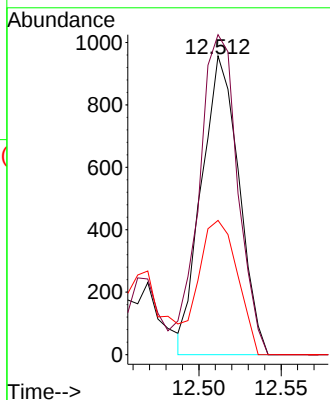
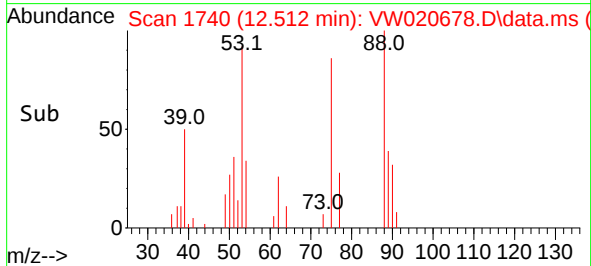




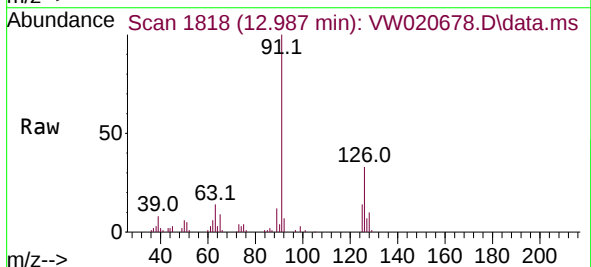
#81
trans-1,4-Dichloro-2-butene
Concen: 5.099 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



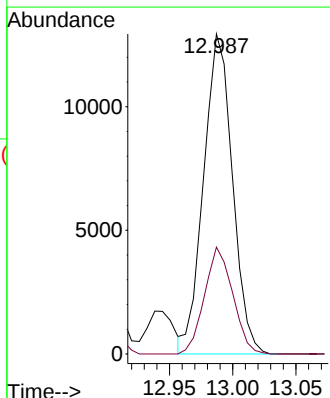
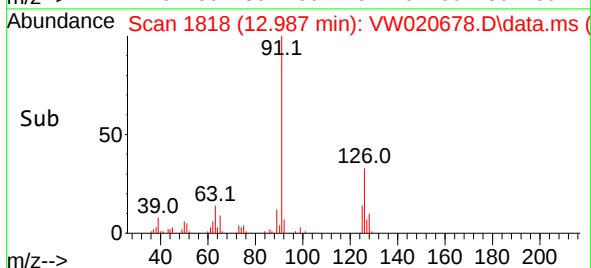
Tgt Ion: 75 Resp: 1506
Ion Ratio Lower Upper
75 100
53 111.8 83.7 125.5
89 47.1 36.7 55.1



#82
4-Chlorotoluene
Concen: 5.136 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 91 Resp: 20530
Ion Ratio Lower Upper
91 100
126 32.7 16.8 50.4

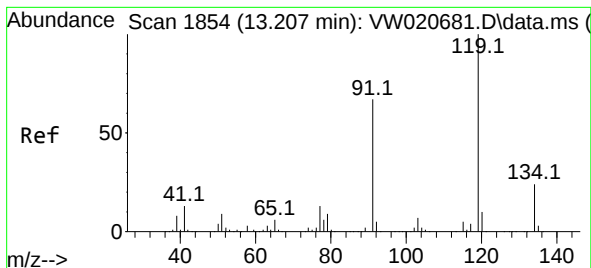


Instrument :
MSVOA_W
ClientSampleId :
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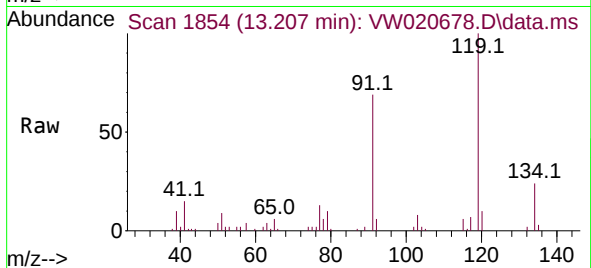
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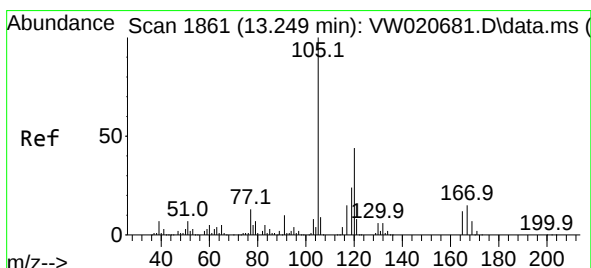
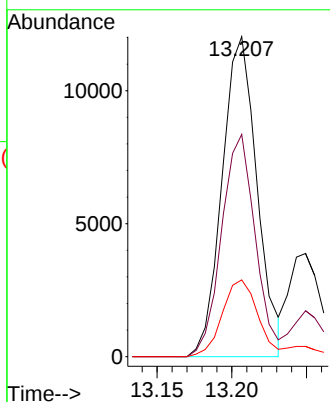
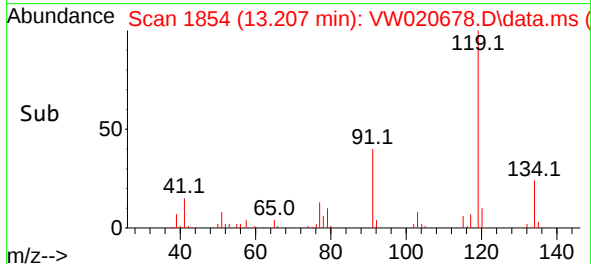
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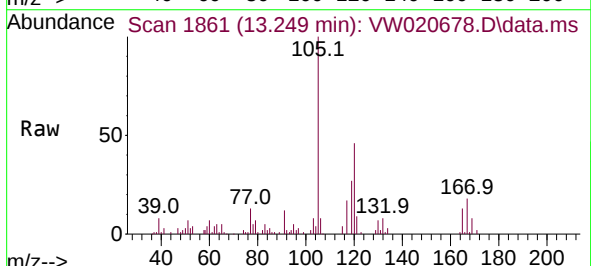
#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



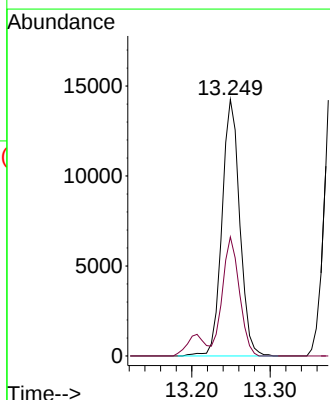
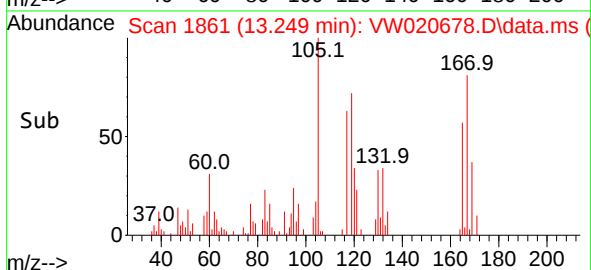
Tgt Ion:119 Resp: 19556
Ion Ratio Lower Upper
119 100
91 67.0 32.9 98.7
134 24.9 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 5.012 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion:105 Resp: 22487
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.7

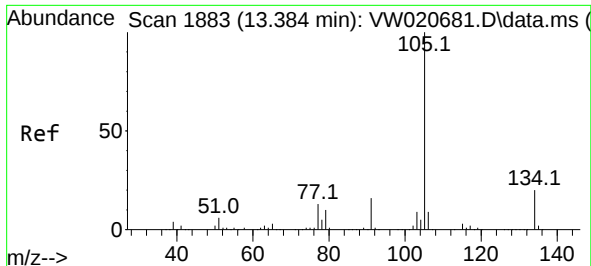


Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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#85
 sec-Butylbenzene
 Concen: 5.241 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW020678.D
 Acq: 22 Oct 2021 12:48

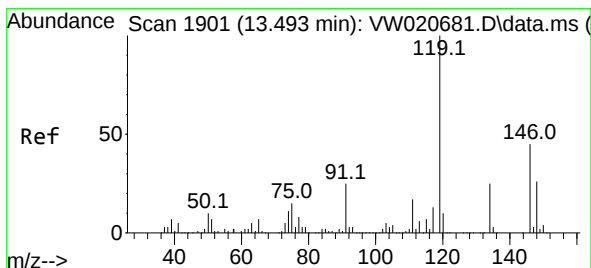
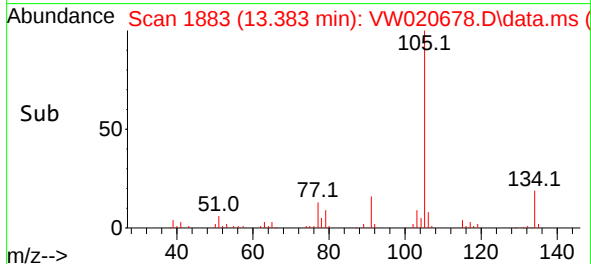
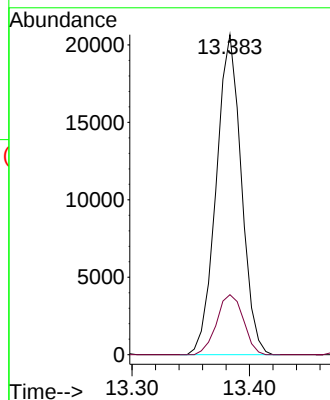
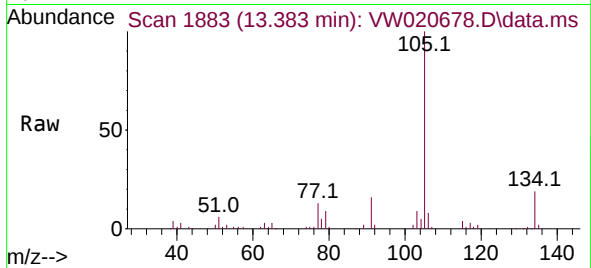
Tgt Ion:105 Resp: 30682
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

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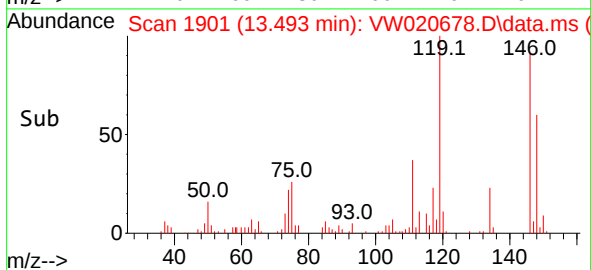
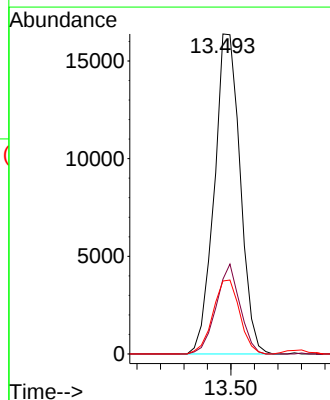
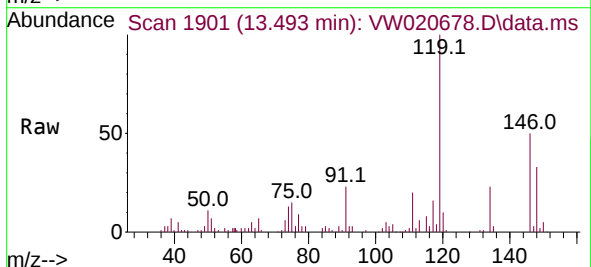
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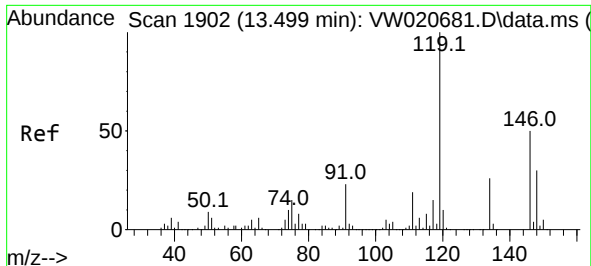
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#86
 p-Isopropyltoluene
 Concen: 5.098 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020678.D
 Acq: 22 Oct 2021 12:48

Tgt Ion:119 Resp: 25042
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene
Concen: 5.670 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

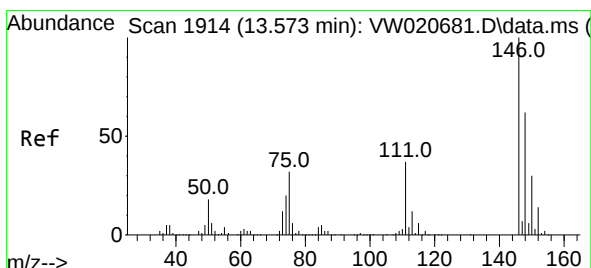
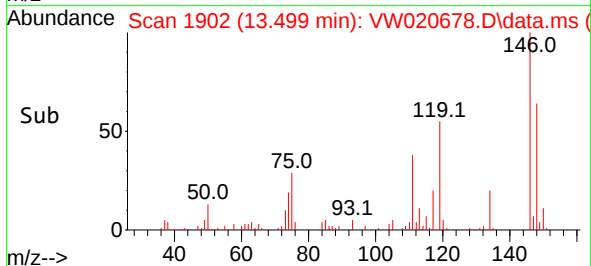
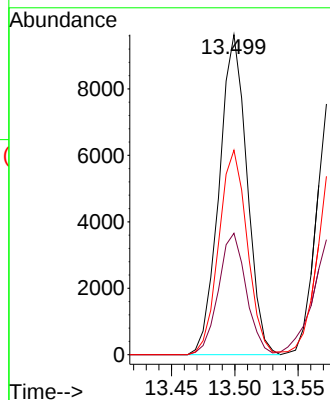
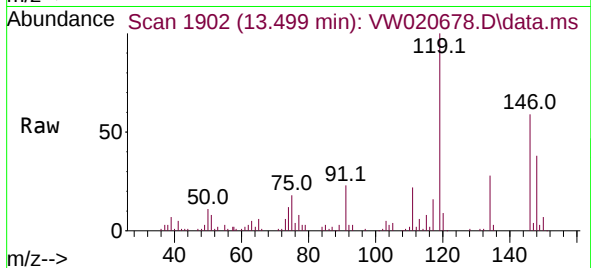
Tgt Ion:146 Resp: 14715
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.2
148 65.4 30.8 92.3

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

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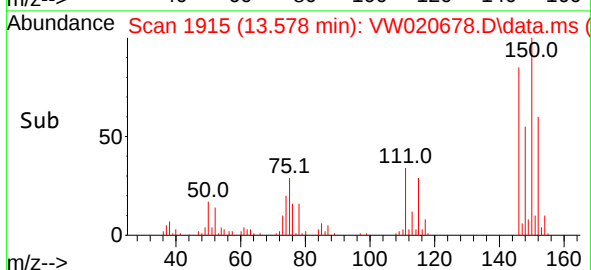
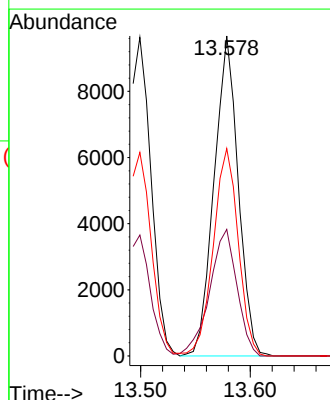
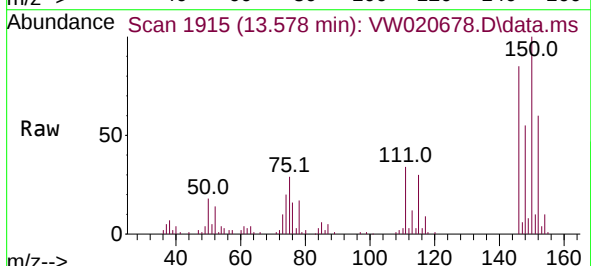
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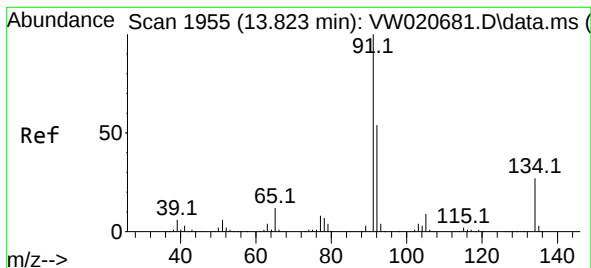


#88

1,4-Dichlorobenzene
Concen: 5.763 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

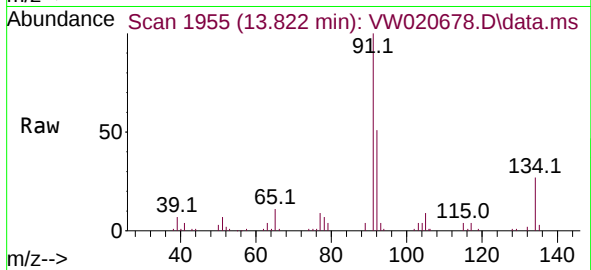
Tgt Ion:146 Resp: 14812
Ion Ratio Lower Upper
146 100
111 44.9 19.4 58.4
148 67.0 32.4 97.2





#89
n-Butylbenzene
Concen: 4.934 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

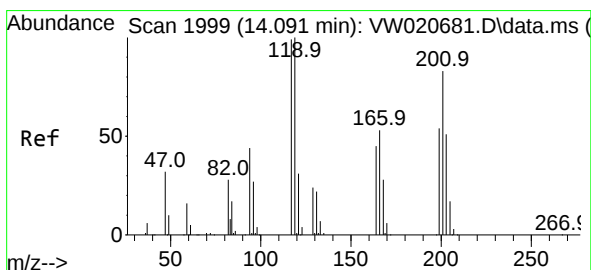
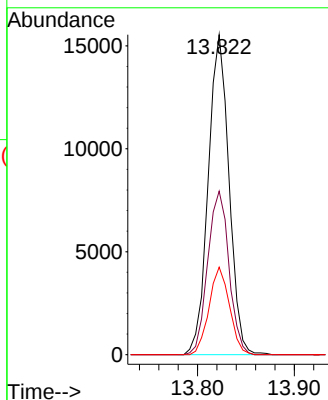
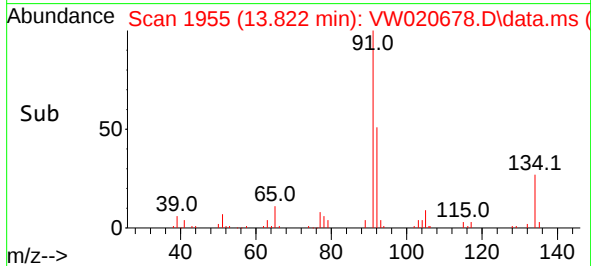


Tgt Ion: 91 Resp: 23178
Ion Ratio Lower Upper
91 100
92 52.2 27.1 81.2
134 26.9 13.4 40.1

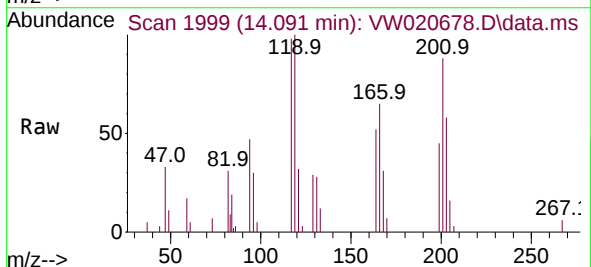
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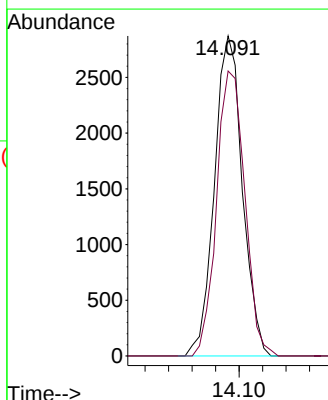
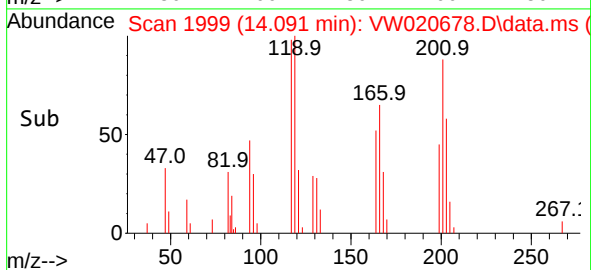
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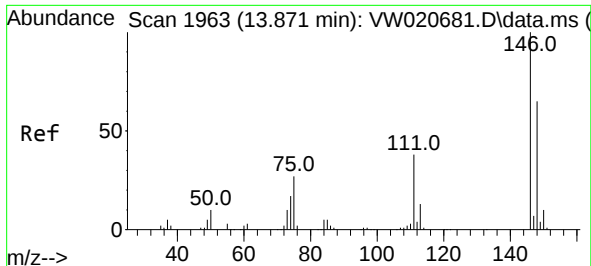


#90
Hexachloroethane
Concen: 5.118 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



Tgt Ion: 117 Resp: 4752
Ion Ratio Lower Upper
117 100
201 89.8 42.4 127.3





#91
1,2-Dichlorobenzene
Concen: 5.777 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

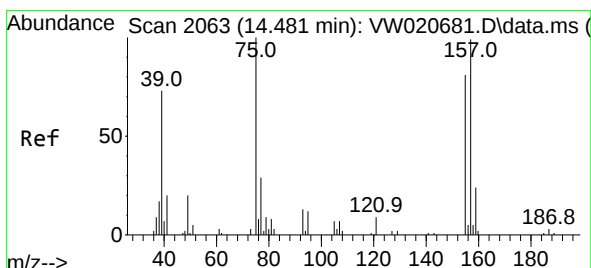
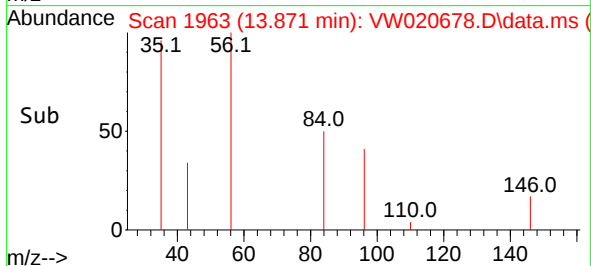
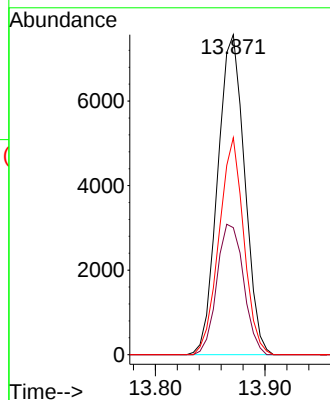
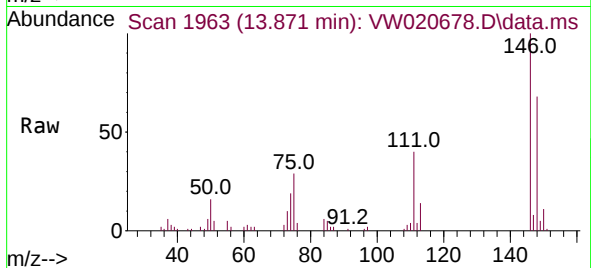
Tgt Ion:146 Resp: 12935
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 62.3 32.0 96.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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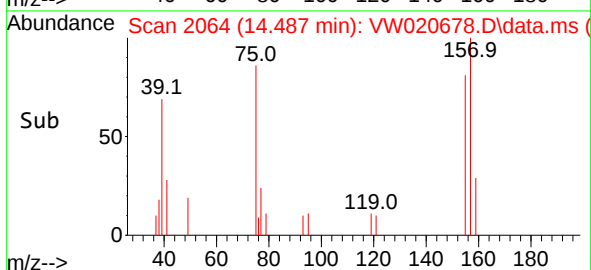
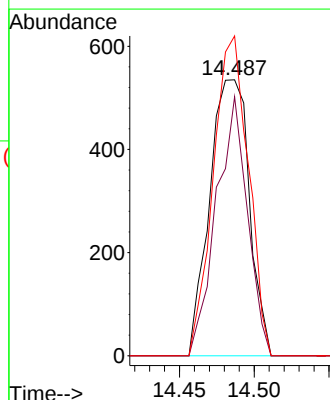
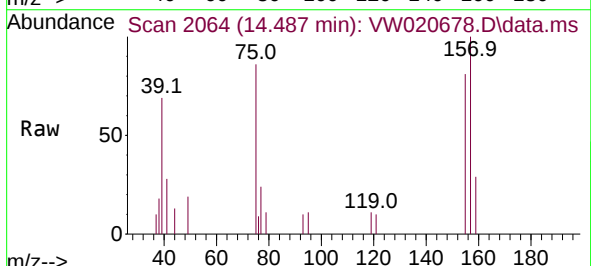
MMDadoda

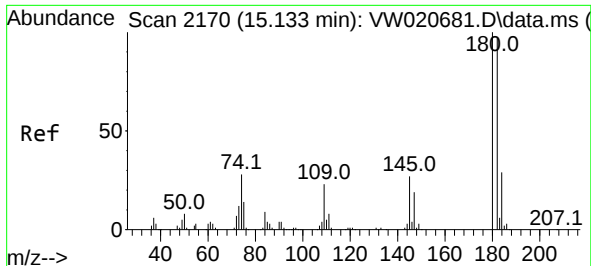
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#92
1,2-Dibromo-3-Chloropropane
Concen: 6.031 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

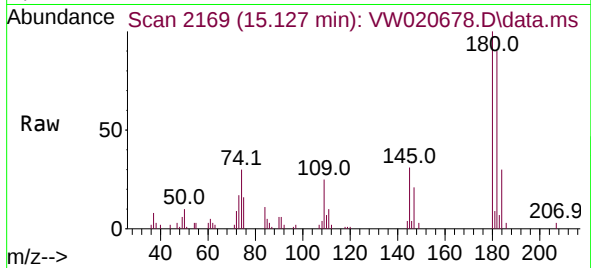
Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
155 73.8 42.5 127.6
157 102.5 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 6.203 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

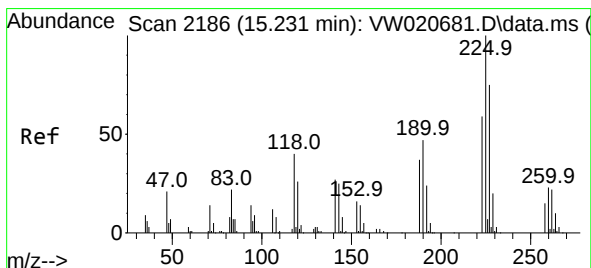
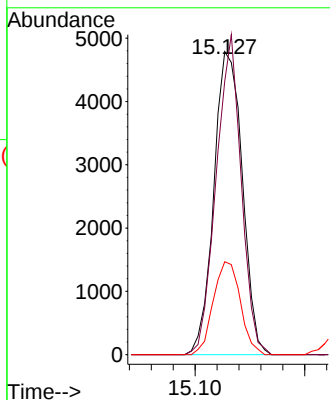
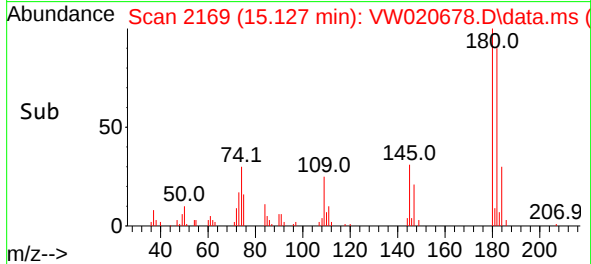


Tgt Ion:180 Resp: 8635
Ion Ratio Lower Upper
180 100
182 92.6 49.4 148.2
145 29.2 15.2 45.6

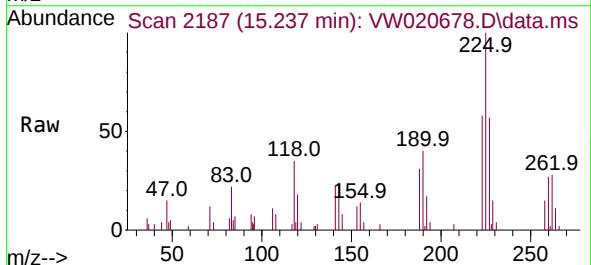
Manual Integrations
APPROVED

MMDadoda

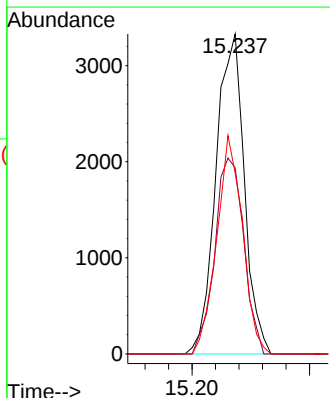
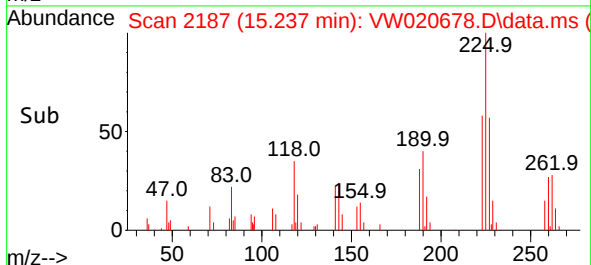
10/25/2021 11:56:04 AM

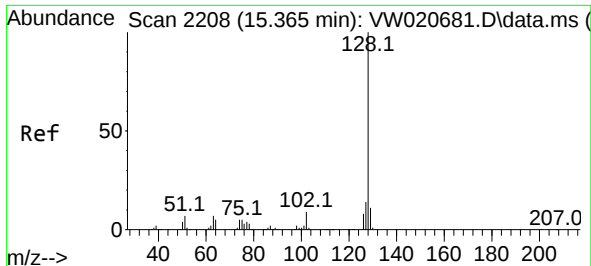


#94
Hexachlorobutadiene
Concen: 6.654 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48



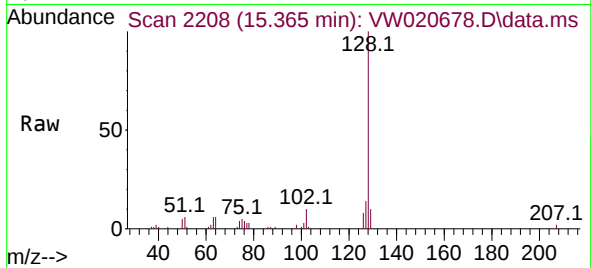
Tgt Ion:225 Resp: 5567
Ion Ratio Lower Upper
225 100
223 62.7 29.8 89.5
227 62.6 32.8 98.4





#95
Naphthalene
Concen: 5.513 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

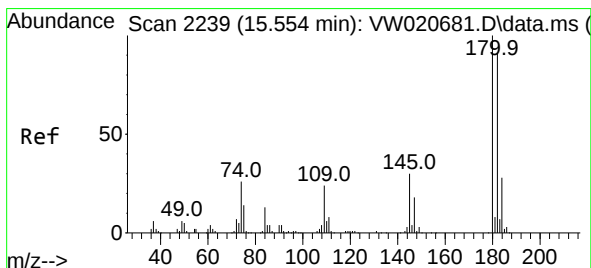
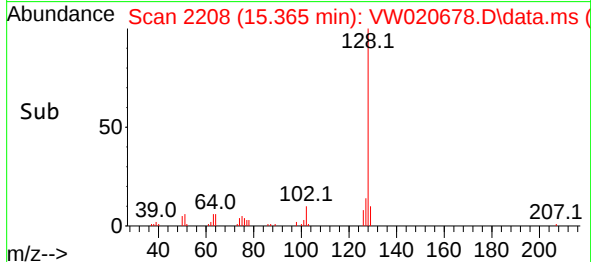
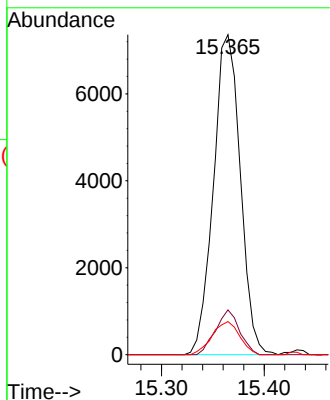


Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	11.1	16.7
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda

10/25/2021 11:56:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 6.322 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020678.D
Acq: 22 Oct 2021 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.4	139.2
145	32.2	15.7	47.0

