

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020682.D
 Acq On : 22 Oct 2021 14:24
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 10/25/2021 11:56:12 AM

Quant Time: Oct 23 05:27:49 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	7.946	168	102168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	143413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	131477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	68296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	101063	85.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.580%#	
35) Dibromofluoromethane	7.885	113	88365	94.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 188.280%#	
50) Toluene-d8	10.323	98	339554	97.096	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 194.200%#	
62) 4-Bromofluorobenzene	12.615	95	126609	98.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 196.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	35750	64.347	ug/l	96
3) Chloromethane	2.209	50	66333	74.773	ug/l	100
4) Vinyl Chloride	2.355	62	90788	65.443	ug/l	98
5) Bromomethane	2.751	94	51763	47.496	ug/l	97
6) Chloroethane	2.904	64	40291	44.414	ug/l	97
7) Trichlorofluoromethane	3.245	101	62734	77.338	ug/l	97
8) Diethyl Ether	3.678	74	50869	98.523	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.050	101	101905	93.161	ug/l	99
10) Methyl Iodide	4.263	142	132113	89.112	ug/l	99
11) Tert butyl alcohol	5.184	59	33042	548.994	ug/l #	84
12) 1,1-Dichloroethene	4.038	96	99628	97.041	ug/l	99
13) Acrolein	3.891	56	30592	642.944	ug/l	99
14) Allyl chloride	4.666	41	162707	112.643	ug/l	99
15) Acrylonitrile	5.367	53	128824	567.501	ug/l	100
16) Acetone	4.123	43	146259	688.859	ug/l	95
17) Carbon Disulfide	4.379	76	295760	94.489	ug/l	100
18) Methyl Acetate	4.672	43	85013	141.204	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	166894	116.683	ug/l	99
20) Methylene Chloride	4.910	84	103518	73.200	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	109908	94.285	ug/l	99
22) Diisopropyl ether	6.312	45	305575	101.127	ug/l	98
23) Vinyl Acetate	6.257	43	951621	566.416	ug/l	100
24) 1,1-Dichloroethane	6.214	63	192848	91.627	ug/l	99
25) 2-Butanone	7.171	43	181425	621.215	ug/l	99
26) 2,2-Dichloropropane	7.165	77	123800	95.806	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	117190	94.206	ug/l	98
28) Bromochloromethane	7.513	49	82374	98.345	ug/l #	99
29) Tetrahydrofuran	7.531	42	110391	611.512	ug/l	99
30) Chloroform	7.677	83	195063	88.198	ug/l	99
31) Cyclohexane	7.952	56	189976	98.959	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	168935	93.745	ug/l	99
36) 1,1-Dichloropropene	8.086	75	162938	108.775	ug/l	99
37) Ethyl Acetate	7.257	43	73707	125.180	ug/l	99
38) Carbon Tetrachloride	8.067	117	159271	104.657	ug/l	98
39) Methylcyclohexane	9.336	83	199800	115.686	ug/l	99
40) Benzene	8.324	78	428699	104.155	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	42968	127.797	ug/l	92
42) 1,2-Dichloroethane	8.403	62	137829	107.638	ug/l	100
43) Isopropyl Acetate	8.421	43	142611	128.841	ug/l	100
44) Trichloroethene	9.092	130	117948	108.434	ug/l	94
45) 1,2-Dichloropropane	9.366	63	103004	102.922	ug/l	97
46) Dibromomethane	9.457	93	58286	102.749	ug/l	96
47) Bromodichloromethane	9.646	83	142233	101.150	ug/l	100
48) Methyl methacrylate	9.433	41	72397	146.917	ug/l	94
49) 1,4-Dioxane	9.451	88	16012	2200.851	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	379096	650.747	ug/l	100
52) Toluene	10.390	92	277161	106.305	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	153216	112.146	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	172667	109.527	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	79671	102.438	ug/l	97
56) Ethyl methacrylate	10.646	69	114045	127.858	ug/l	100
57) 1,3-Dichloropropane	10.933	76	141954	106.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	243875	598.923	ug/l	100
59) 2-Hexanone	10.969	43	271548	685.496	ug/l	99
60) Dibromochloromethane	11.128	129	97810	109.092	ug/l	99
61) 1,2-Dibromoethane	11.238	107	78107	106.801	ug/l	99
64) Tetrachloroethene	10.866	164	104846	113.930	ug/l	89
65) Chlorobenzene	11.658	112	286503	102.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	107506	107.739	ug/l	96
67) Ethyl Benzene	11.731	91	542039	109.834	ug/l	99
68) m/p-Xylenes	11.835	106	418298	216.438	ug/l	98
69) o-Xylene	12.164	106	193296	109.430	ug/l	99
70) Styrene	12.183	104	332662	110.649	ug/l	99
71) Bromoform	12.347	173	63330	124.395	ug/l #	98
73) Isopropylbenzene	12.463	105	543853	114.031	ug/l	100
74) N-amyl acetate	12.274	43	133469	129.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	94620	105.547	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	77553m	117.621	ug/l	
77) Bromobenzene	12.743	156	125667	111.855	ug/l	99
78) n-propylbenzene	12.804	91	658186	109.889	ug/l	99
79) 2-Chlorotoluene	12.890	91	369079	105.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	461839	109.877	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	32912	121.878	ug/l	99
82) 4-Chlorotoluene	12.987	91	379699	103.881	ug/l	100
83) tert-Butylbenzene	13.207	119	401544	113.201	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	450835	109.895	ug/l	100
85) sec-Butylbenzene	13.384	105	596990	111.529	ug/l	100
86) p-Isopropyltoluene	13.493	119	511094	113.795	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	239107	100.775	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	244284	103.959	ug/l	99
89) n-Butylbenzene	13.823	91	477640	111.207	ug/l	99
90) Hexachloroethane	14.091	117	87576	103.164	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	219962	107.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17292	115.690	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	148411	116.607	ug/l	98
94) Hexachlorobutadiene	15.237	225	88399	115.569	ug/l	93
95) Naphthalene	15.365	128	292878	132.223	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	133993	119.435	ug/l	99

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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

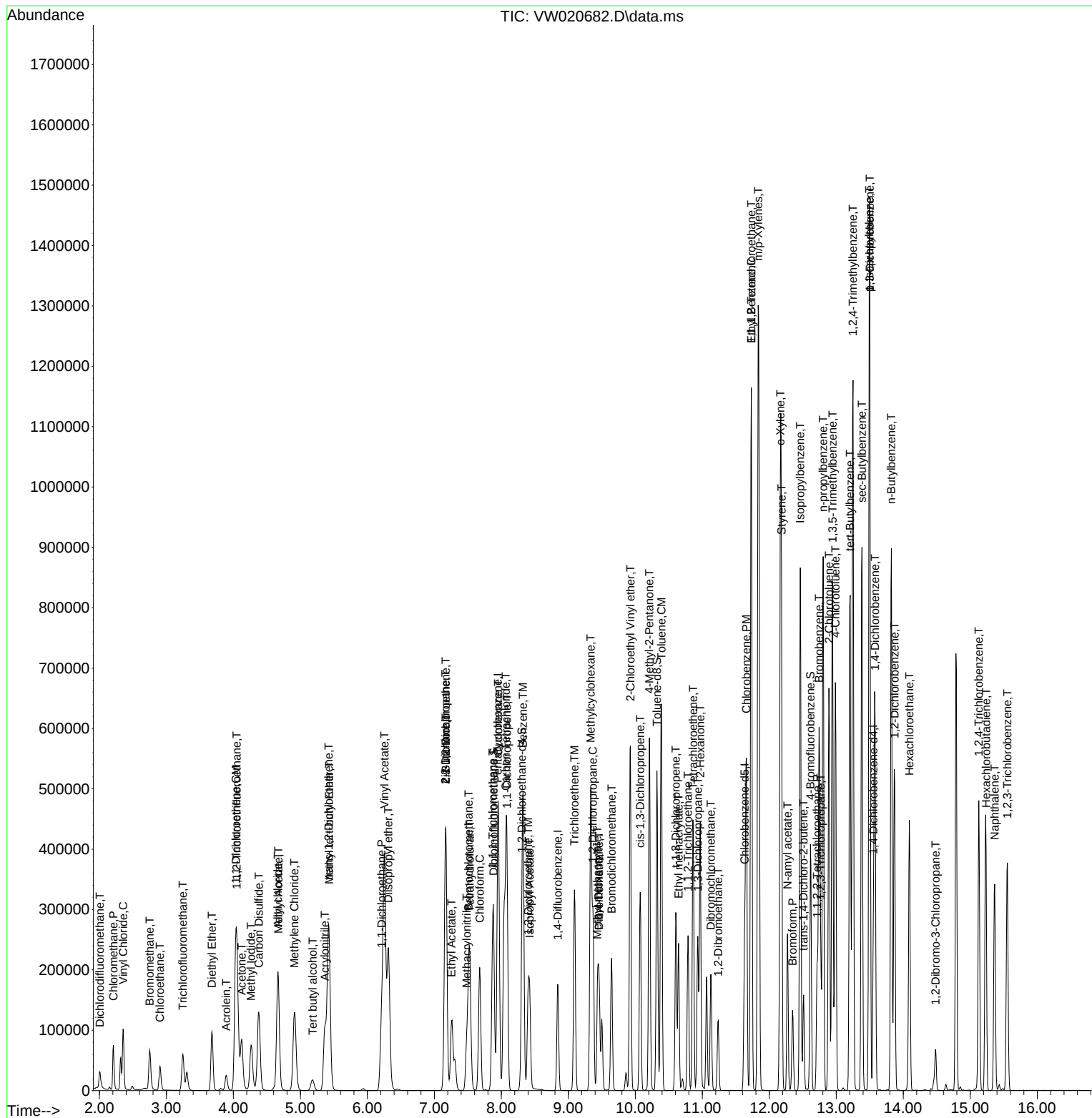
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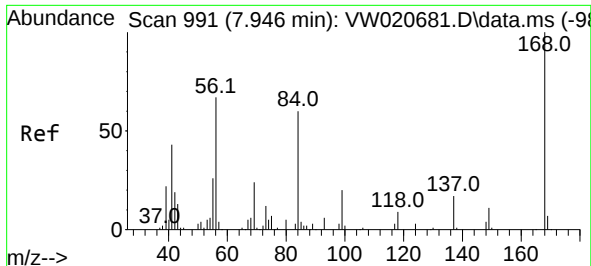
Instrument :
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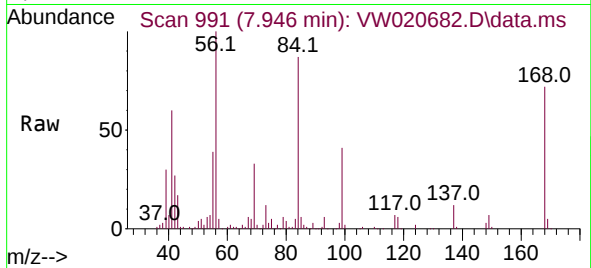
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.000 min
Lab File: VW020682.D
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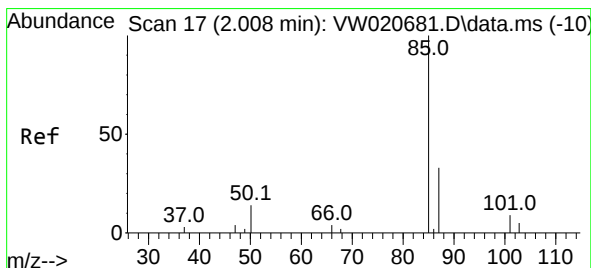
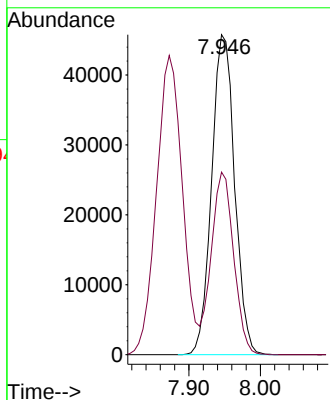
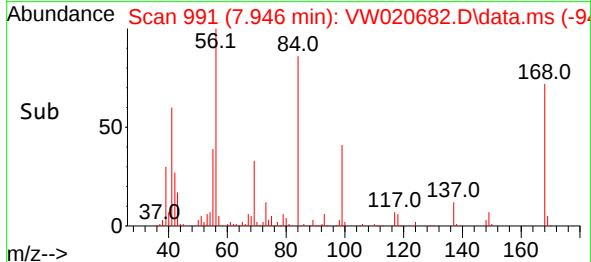
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



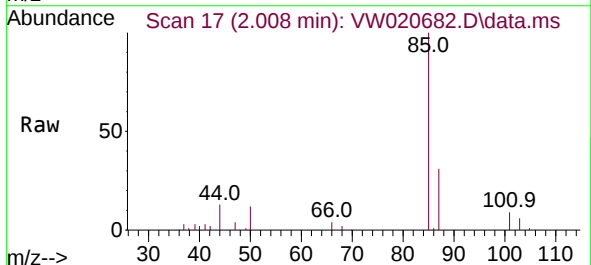
Tgt Ion:168 Resp: 102168
Ion Ratio Lower Upper
168 100
99 57.0 45.4 68.0

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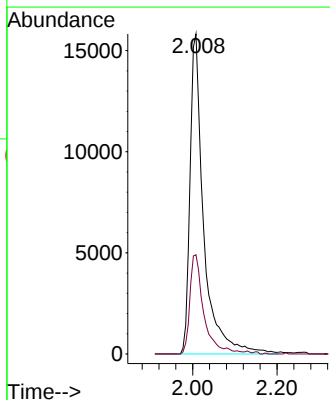
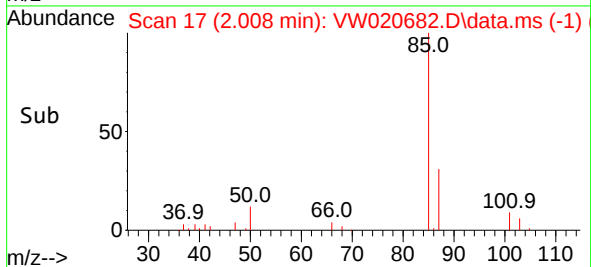
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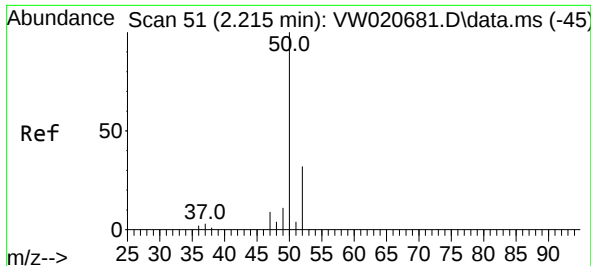


#2
Dichlorodifluoromethane
Concen: 64.347 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion: 85 Resp: 35750
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0





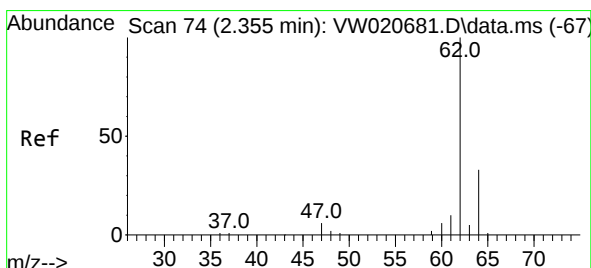
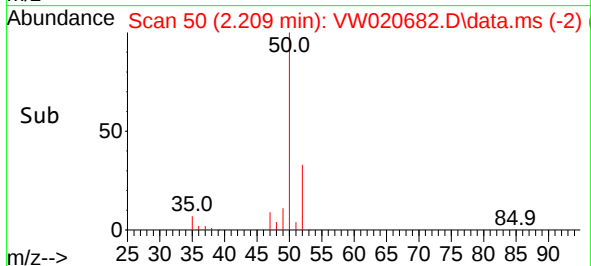
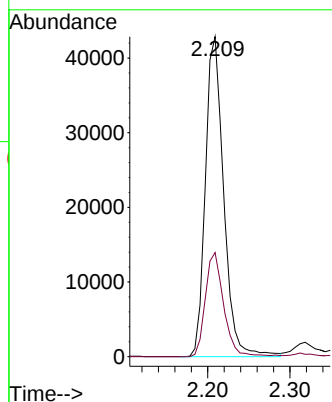
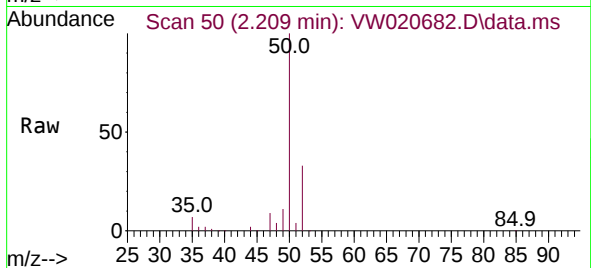
#3
Chloromethane
Concen: 74.773 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

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Tgt Ion: 50 Resp: 66333
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

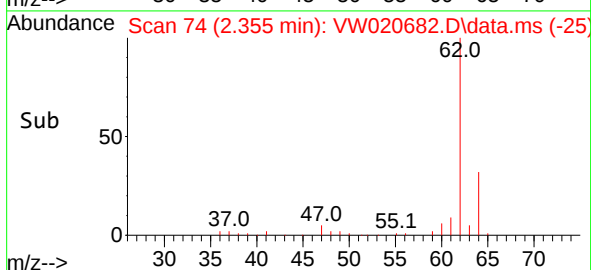
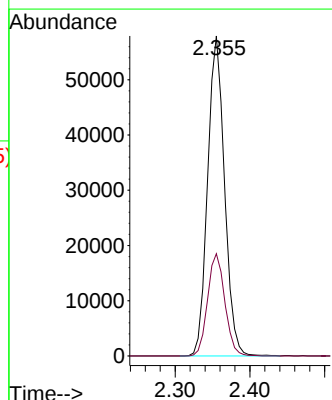
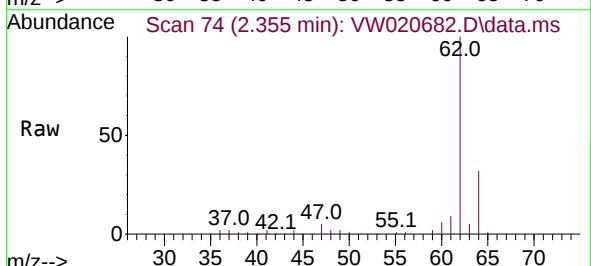
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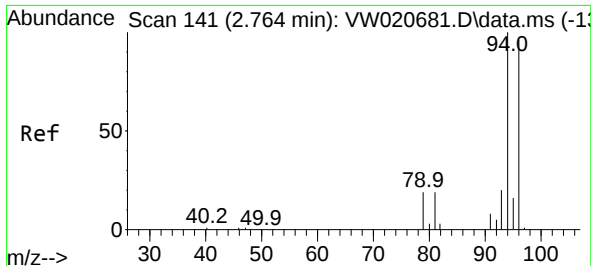
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#4
Vinyl Chloride
Concen: 65.443 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 62 Resp: 90788
Ion Ratio Lower Upper
62 100
64 32.0 26.6 40.0





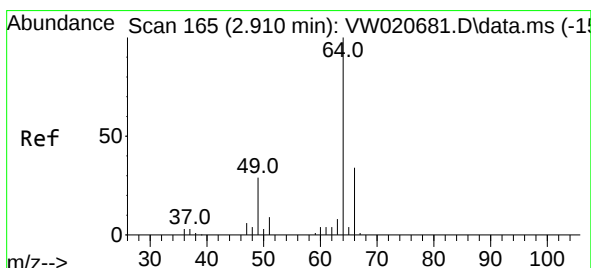
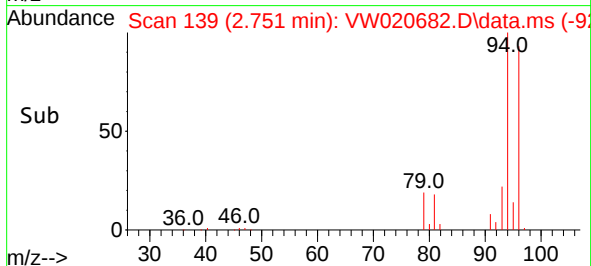
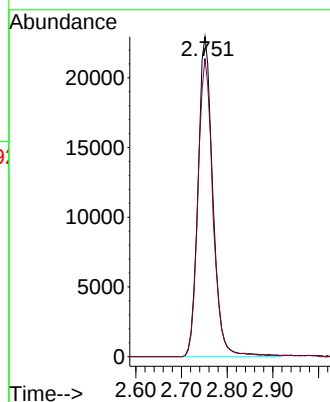
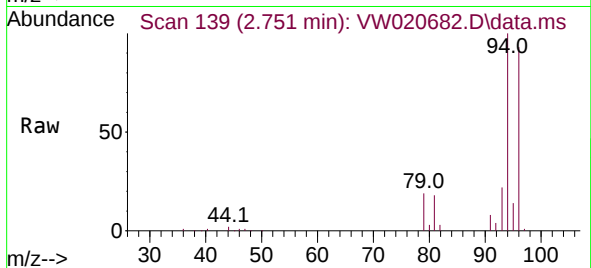
#5
Bromomethane
Concen: 47.496 ug/l
RT: 2.751 min Scan# 139
Delta R.T. -0.012 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 94 Resp: 51763
Ion Ratio Lower Upper
94 100
96 93.2 76.7 115.1

Instrument :
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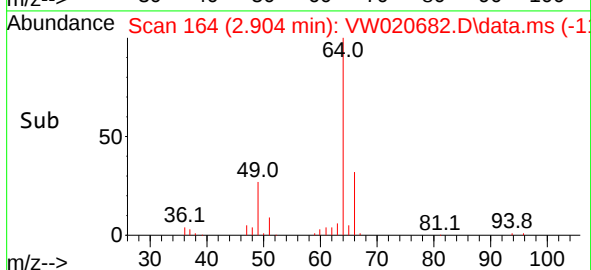
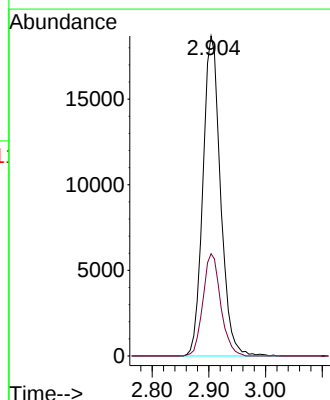
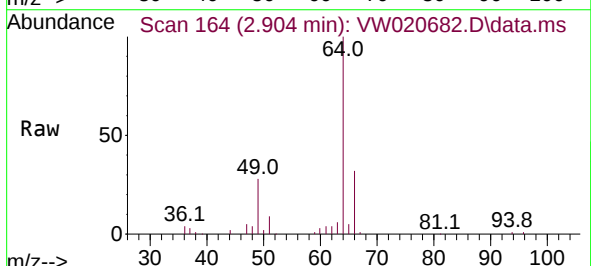
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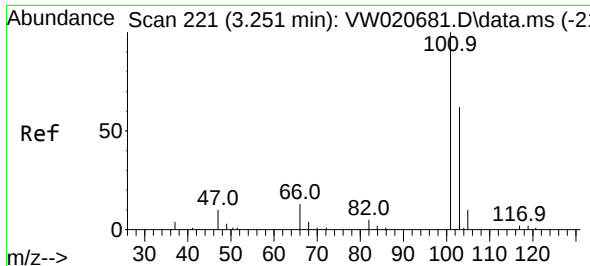
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#6
Chloroethane
Concen: 44.414 ug/l
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 64 Resp: 40291
Ion Ratio Lower Upper
64 100
66 31.9 27.0 40.4





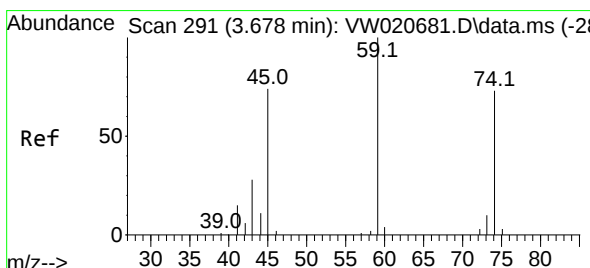
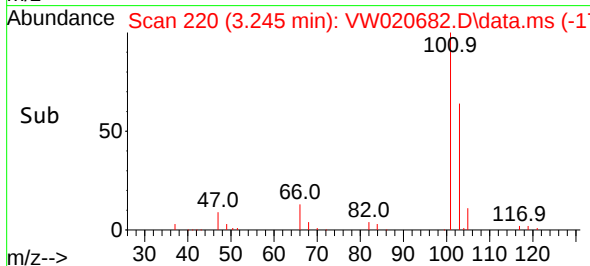
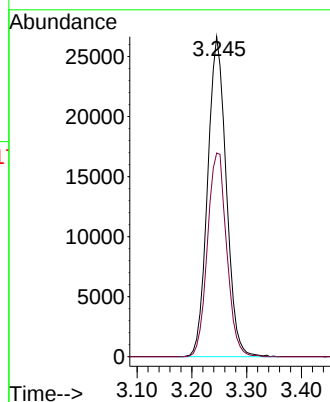
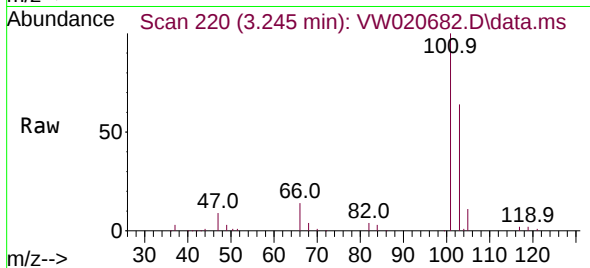
#7
Trichlorofluoromethane
Concen: 77.338 ug/l
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion:101 Resp: 62734
Ion Ratio Lower Upper
101 100
103 63.7 49.4 74.0

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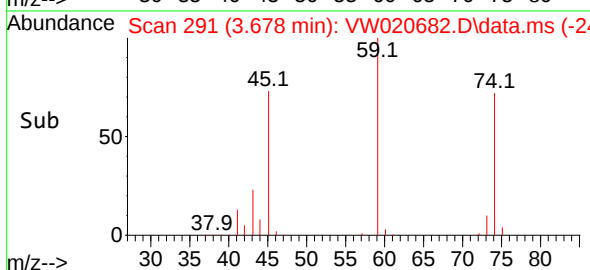
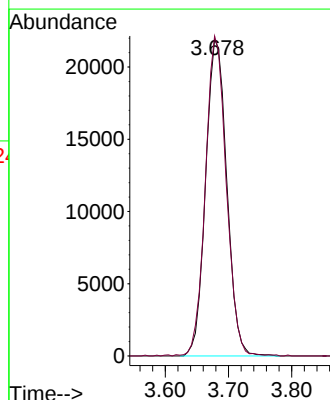
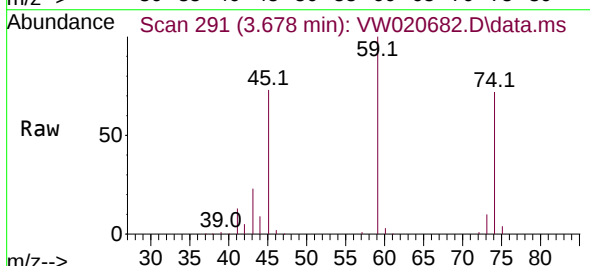
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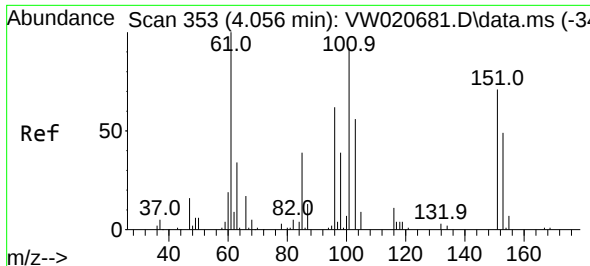
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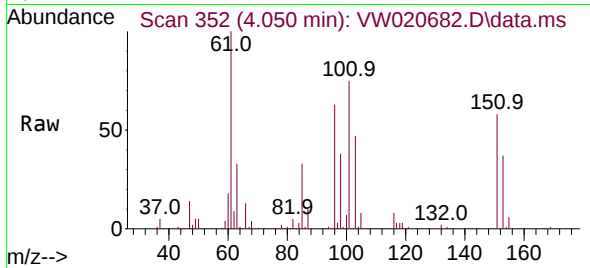
#8
Diethyl Ether
Concen: 98.523 ug/l
RT: 3.678 min Scan# 291
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 74 Resp: 50869
Ion Ratio Lower Upper
74 100
45 100.0 50.0 150.1

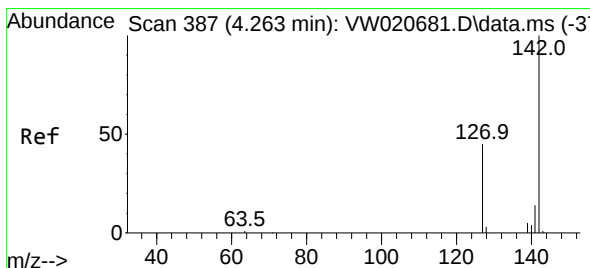
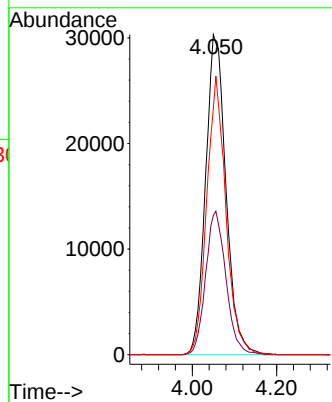
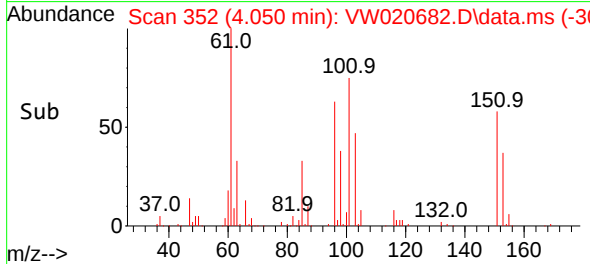




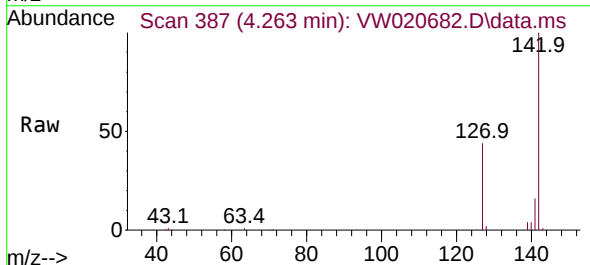
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.161 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



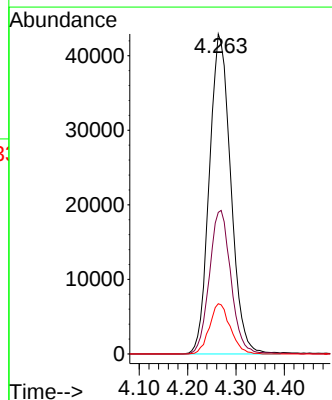
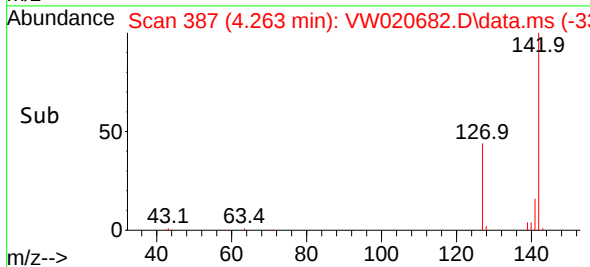
Tgt Ion:101 Resp: 101905
Ion Ratio Lower Upper
101 100
85 44.6 34.9 52.3
151 81.9 64.5 96.7



#10
Methyl Iodide
Concen: 89.112 ug/l
RT: 4.263 min Scan# 387
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



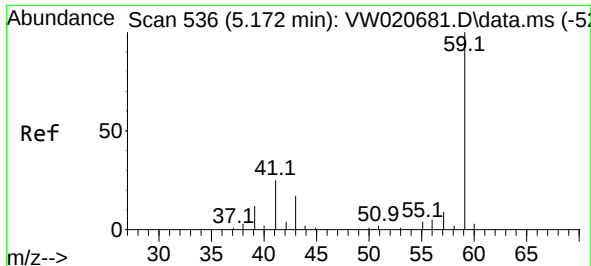
Tgt Ion:142 Resp: 132113
Ion Ratio Lower Upper
142 100
127 45.2 35.8 53.6
141 15.2 11.8 17.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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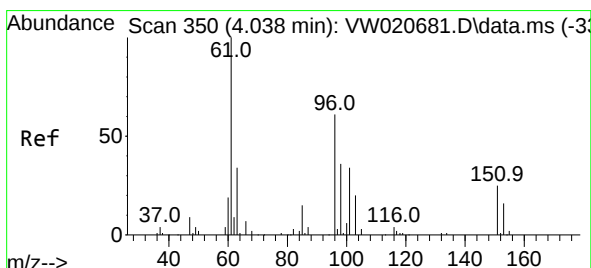
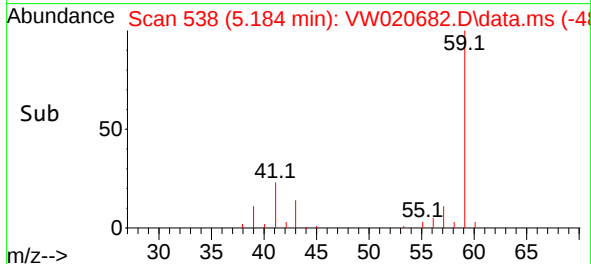
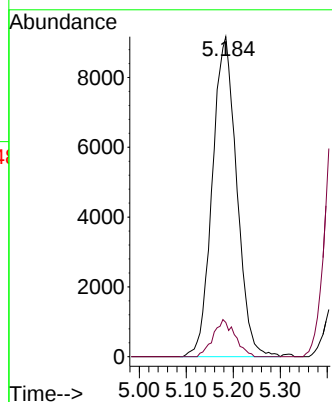
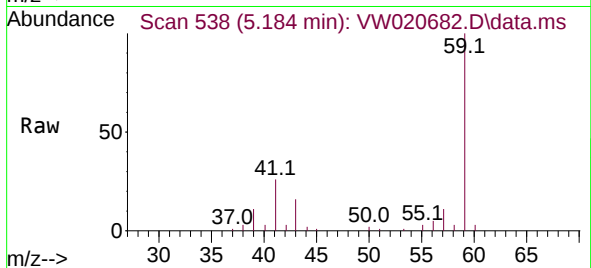
#11
Tert butyl alcohol
Concen: 548.994 ug/l
RT: 5.184 min Scan# 538
Delta R.T. 0.012 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 33042
Ion Ratio Lower Upper
59 100
57 10.4 4.2 6.2#

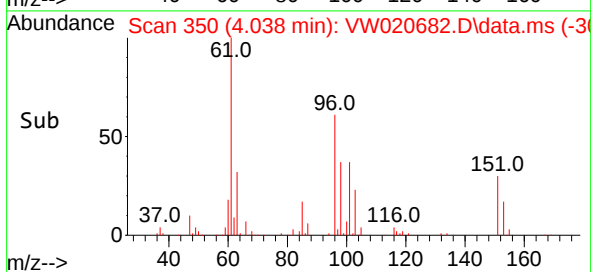
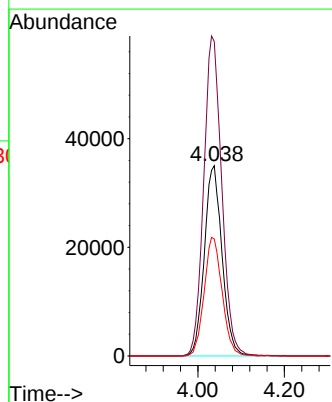
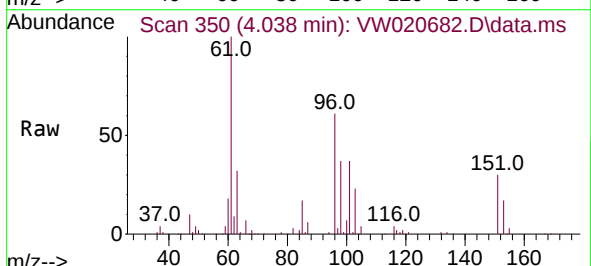
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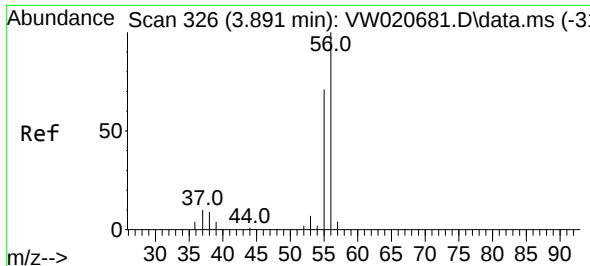
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#12
1,1-Dichloroethene
Concen: 97.041 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 96 Resp: 99628
Ion Ratio Lower Upper
96 100
61 165.3 131.0 196.6
98 61.5 47.8 71.6





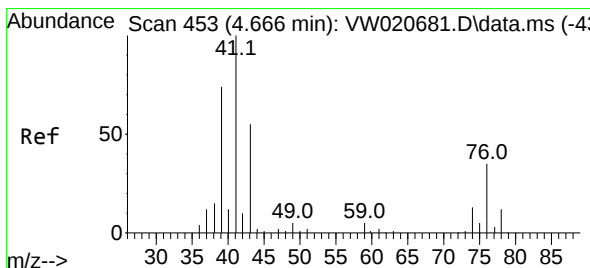
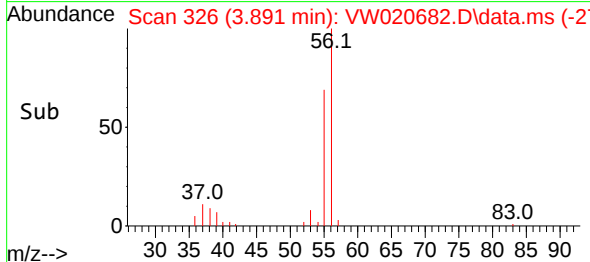
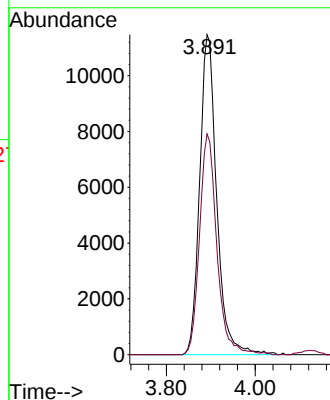
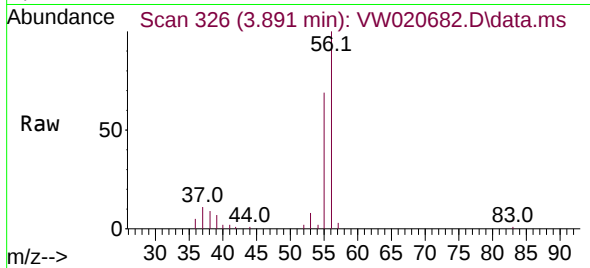
#13
Acrolein
Concen: 642.944 ug/l
RT: 3.891 min Scan# 326
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 56 Resp: 30592
Ion Ratio Lower Upper
56 100
55 70.3 55.5 83.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

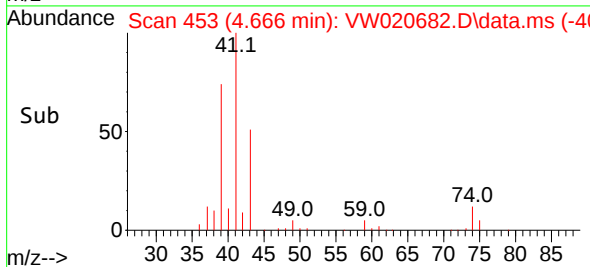
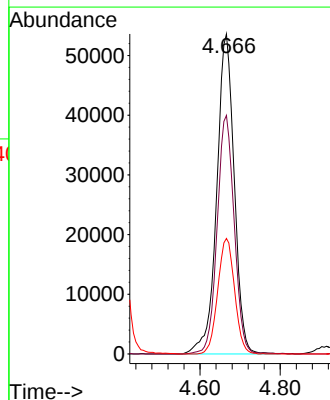
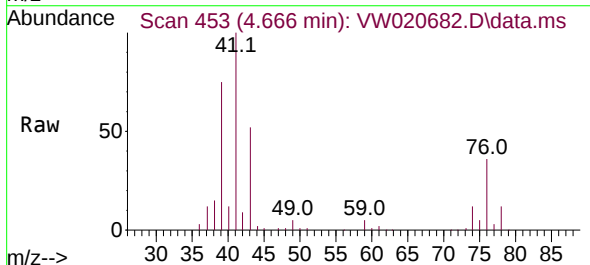
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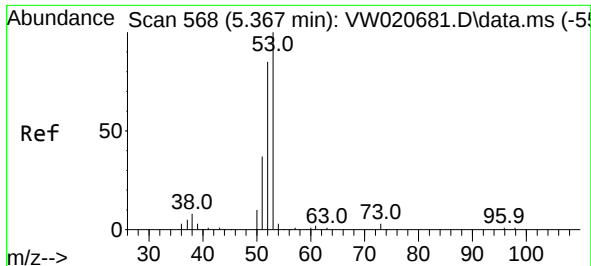
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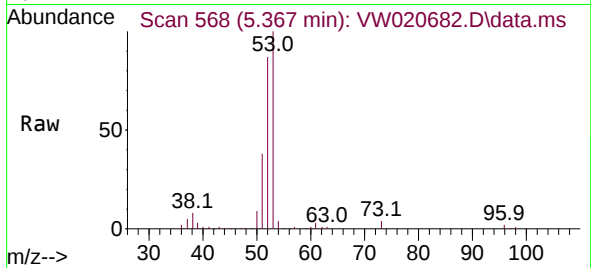
#14
Allyl chloride
Concen: 112.643 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 41 Resp: 162707
Ion Ratio Lower Upper
41 100
39 72.6 57.1 85.7
76 34.7 27.1 40.7



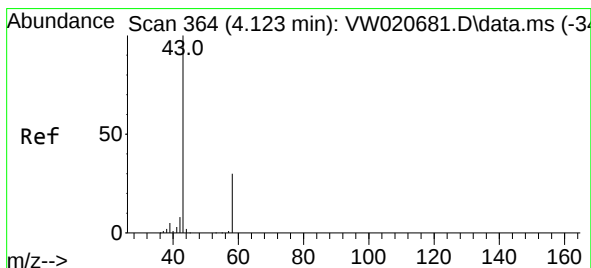
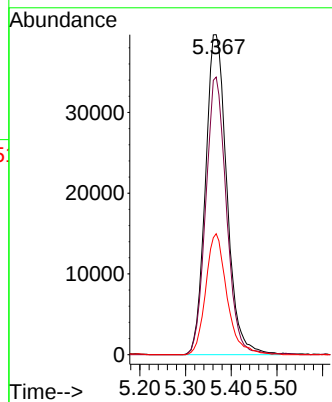
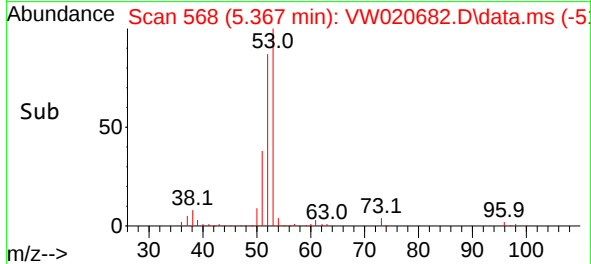


#15
Acrylonitrile
Concen: 567.501 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

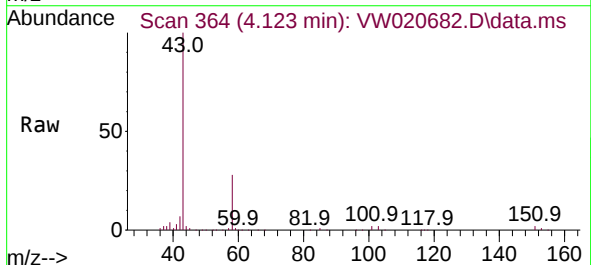


Tgt Ion: 53 Resp: 128824

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.8	100.2
51	37.6	30.1	45.1

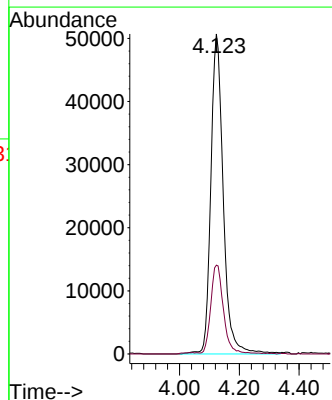
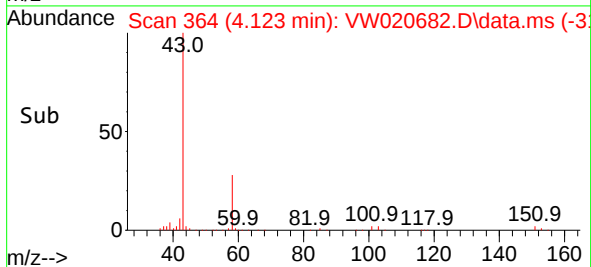


#16
Acetone
Concen: 688.859 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion: 43 Resp: 146259

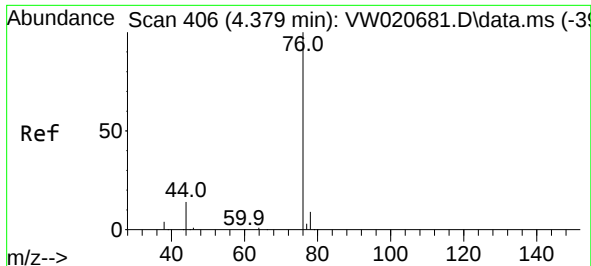
Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.2	36.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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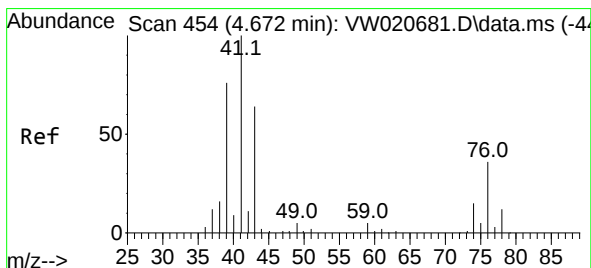
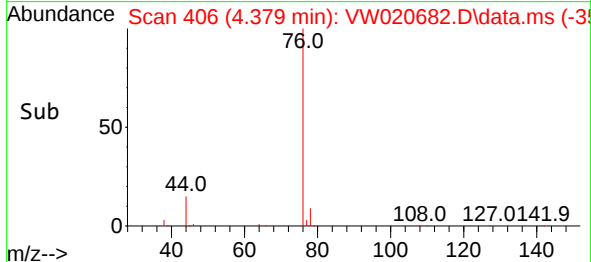
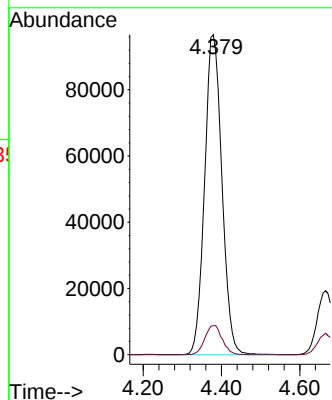
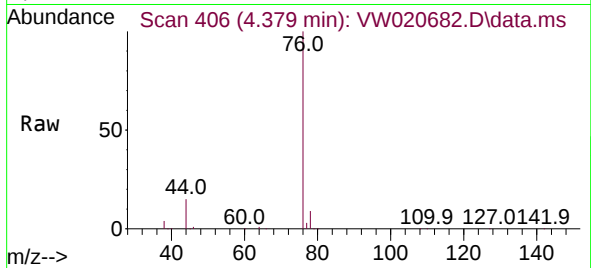
#17
Carbon Disulfide
Concen: 94.489 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 76 Resp: 295760
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

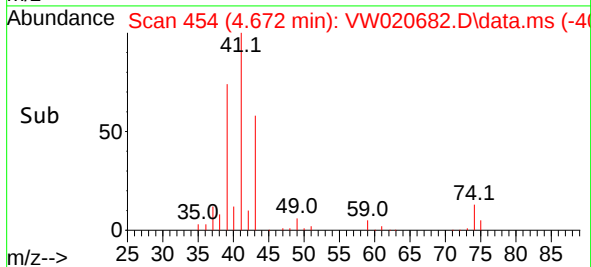
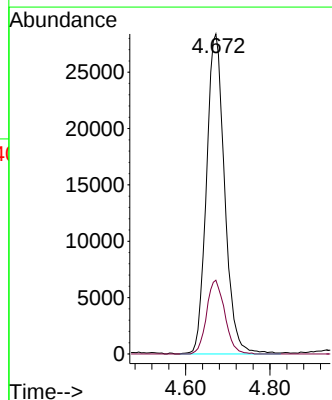
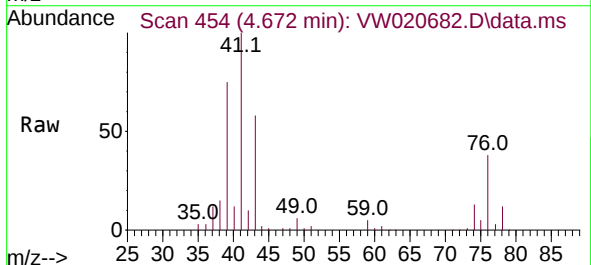
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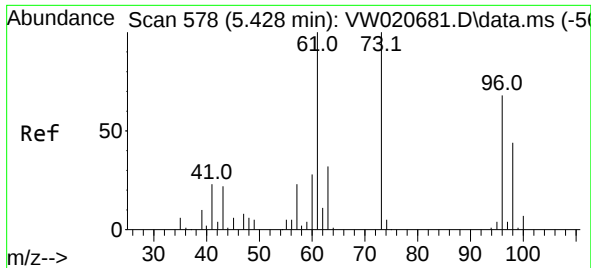
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#18
Methyl Acetate
Concen: 141.204 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 43 Resp: 85013
Ion Ratio Lower Upper
43 100
74 23.0 18.7 28.1





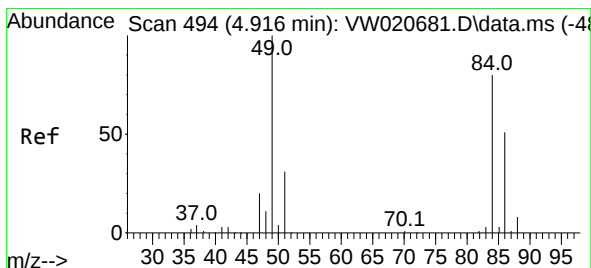
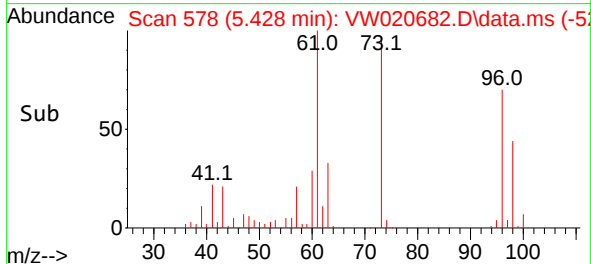
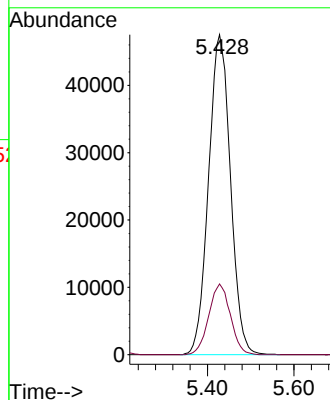
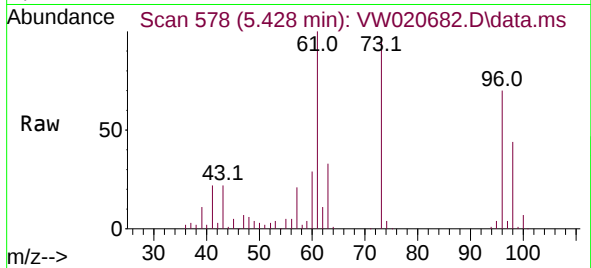
#19
Methyl tert-butyl Ether
Concen: 116.683 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 73 Resp: 166894
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

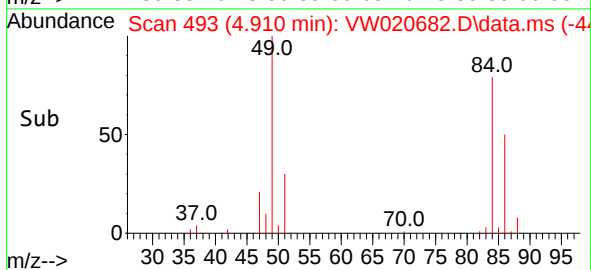
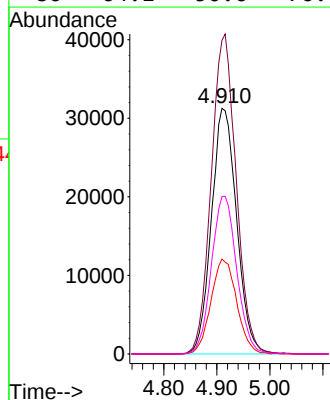
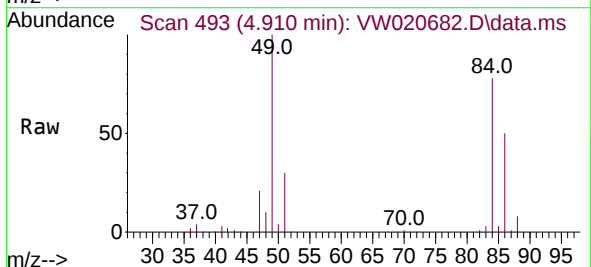
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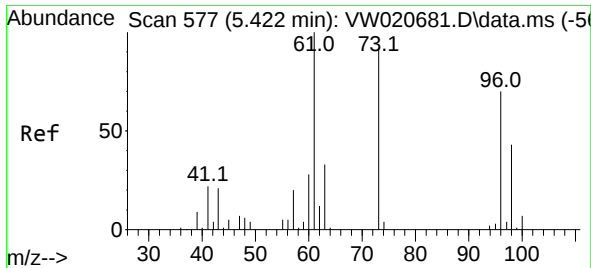
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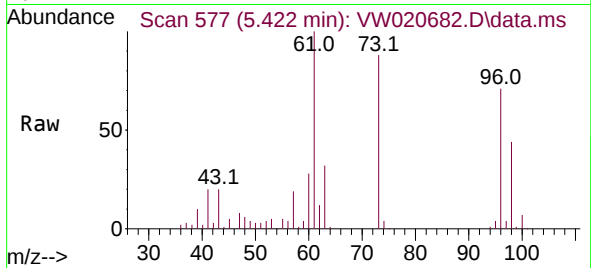
#20
Methylene Chloride
Concen: 73.200 ug/l
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 84 Resp: 103518
Ion Ratio Lower Upper
84 100
49 127.7 100.0 150.0
51 38.7 30.8 46.2
86 64.1 50.6 76.0

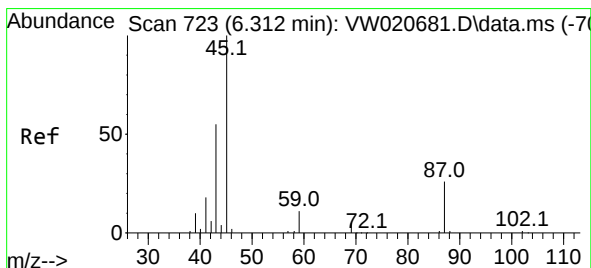
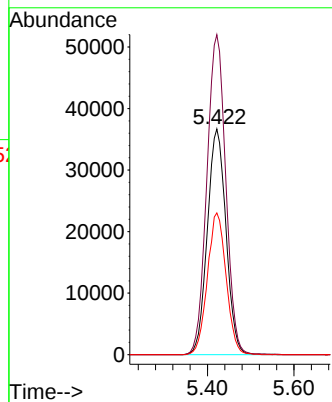
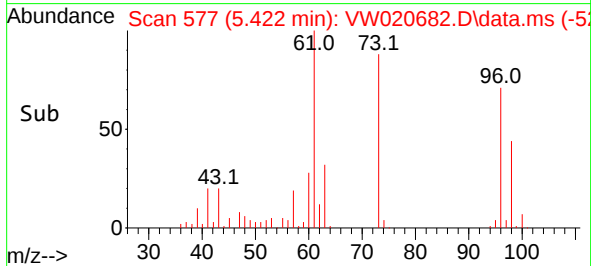




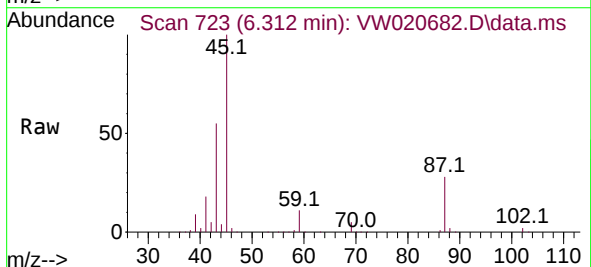
#21
trans-1,2-Dichloroethene
Concen: 94.285 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



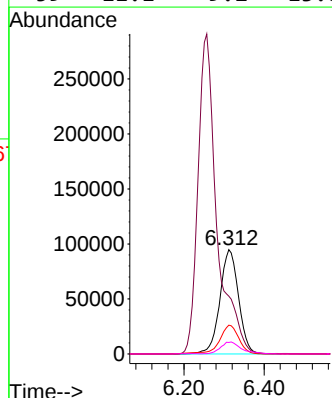
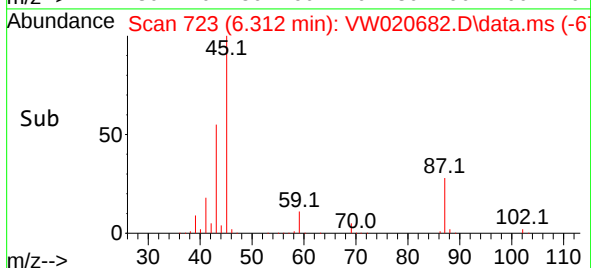
Tgt Ion: 96 Resp: 109908
Ion Ratio Lower Upper
96 100
61 141.8 113.5 170.3
98 62.8 48.6 72.8



#22
Diisopropyl ether
Concen: 101.127 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



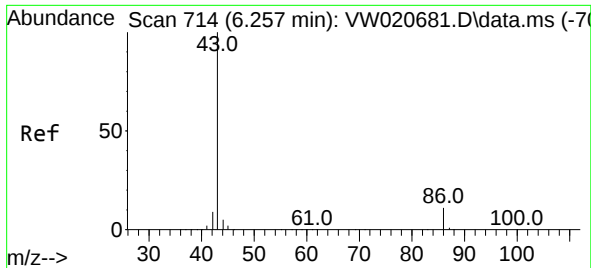
Tgt Ion: 45 Resp: 305575
Ion Ratio Lower Upper
45 100
43 55.2 45.1 67.7
87 27.5 21.2 31.8
59 11.1 9.2 13.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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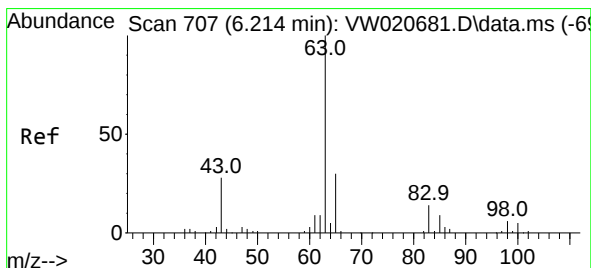
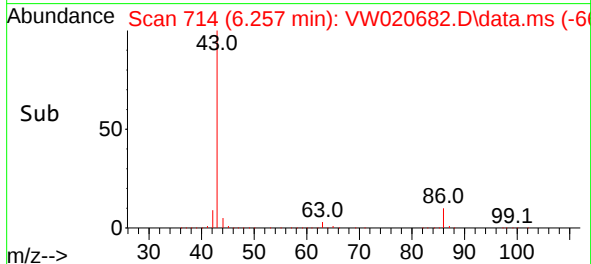
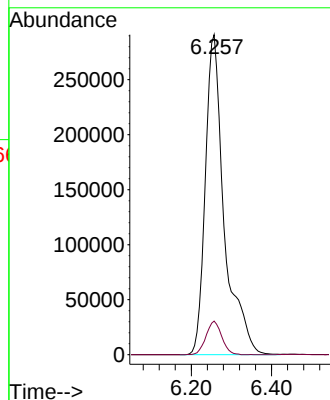
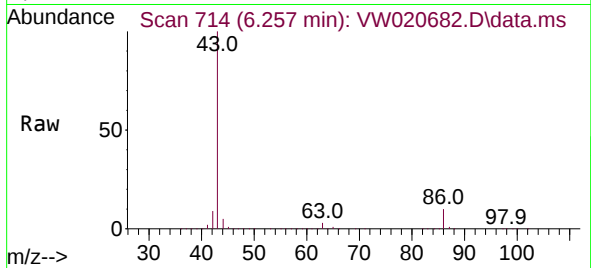
#23
 Vinyl Acetate
 Concen: 566.416 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020682.D
 Acq: 22 Oct 2021 14:24

Tgt Ion: 43 Resp: 951621
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

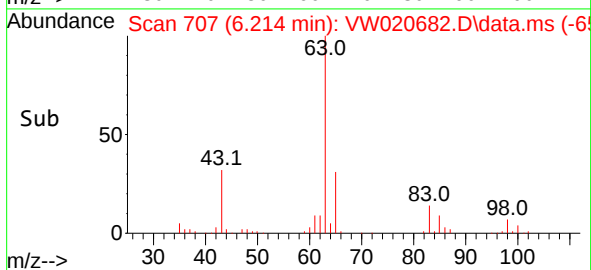
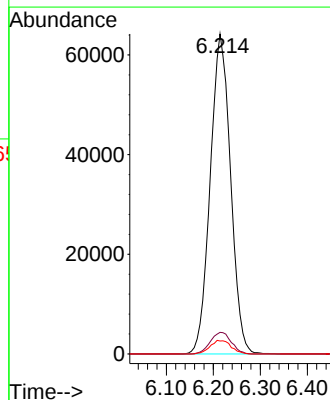
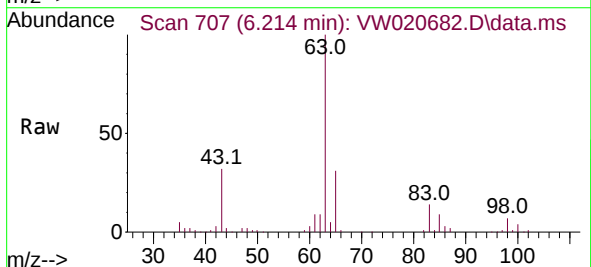
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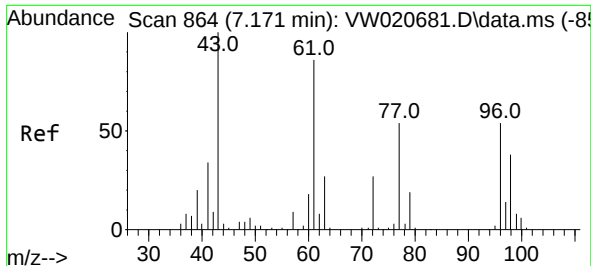
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#24
 1,1-Dichloroethane
 Concen: 91.627 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020682.D
 Acq: 22 Oct 2021 14:24

Tgt Ion: 63 Resp: 192848
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.1 2.3 6.8





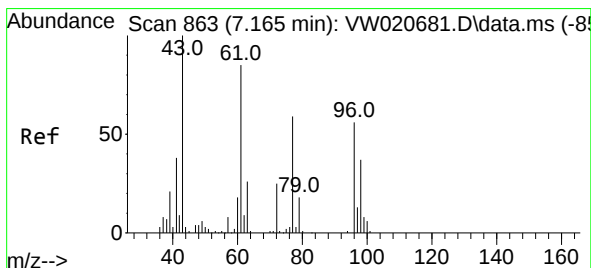
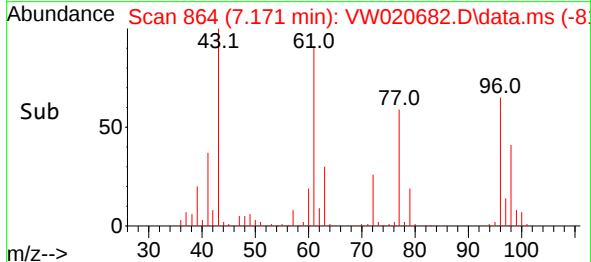
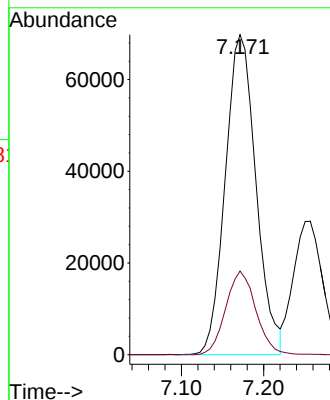
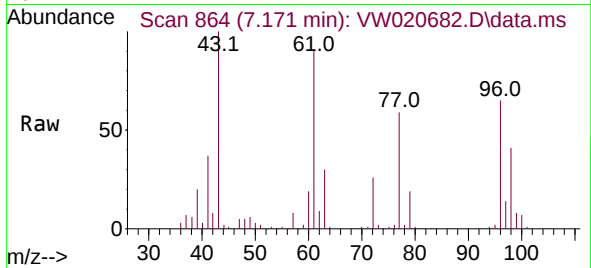
#25
2-Butanone
Concen: 621.215 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 43 Resp: 181425
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

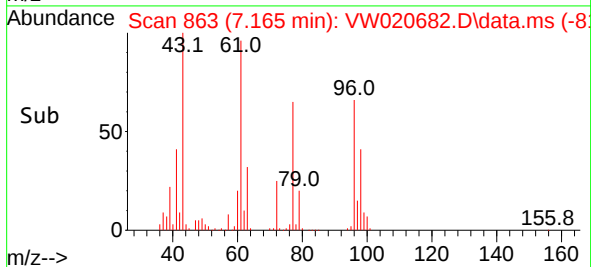
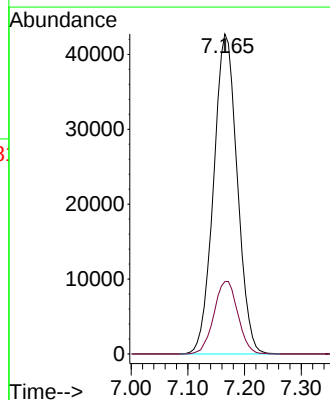
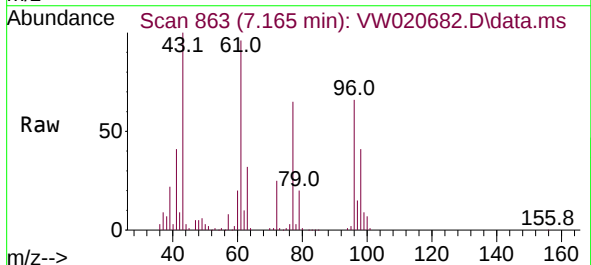
Manual Integrations
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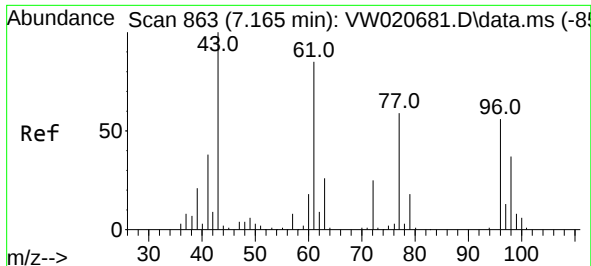
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#26
2,2-Dichloropropane
Concen: 95.806 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 77 Resp: 123800
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 94.206 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020682.D

Acq: 22 Oct 2021 14:24

Tgt Ion:	96	Resp:	117190
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	298.0
98	63.5	0.0	129.4

Instrument :

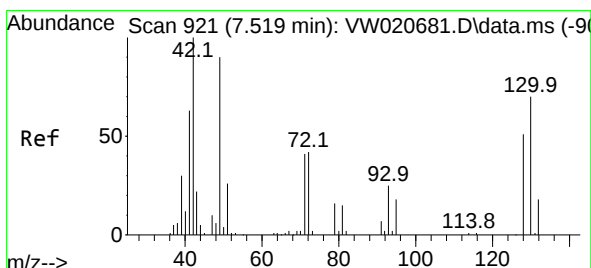
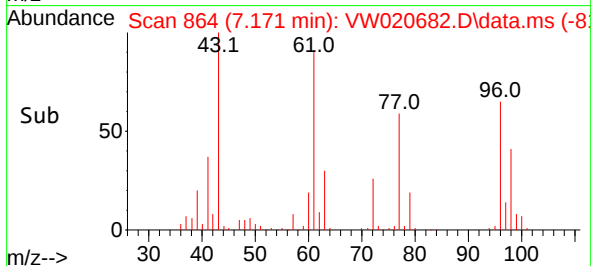
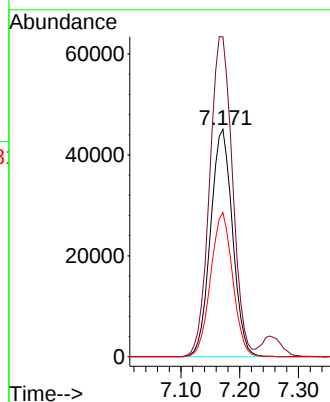
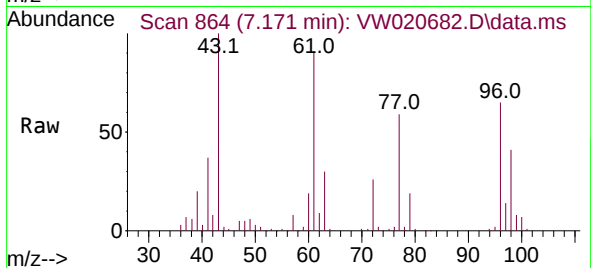
MSVOA_W

ClientSampleId :

VSTDIC100

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#28

Bromochloromethane

Concen: 98.345 ug/l

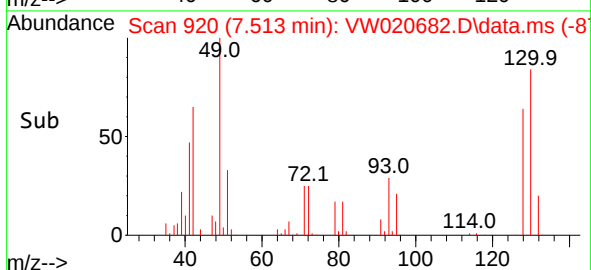
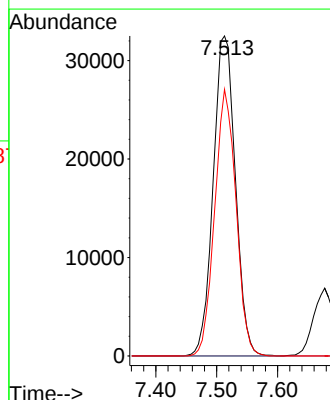
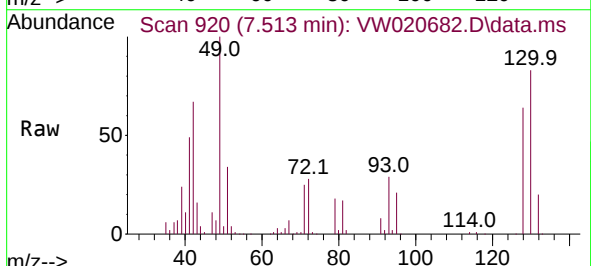
RT: 7.513 min Scan# 920

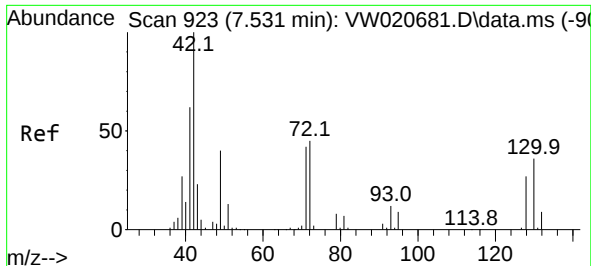
Delta R.T. -0.006 min

Lab File: VW020682.D

Acq: 22 Oct 2021 14:24

Tgt Ion:	49	Resp:	82374
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	80.0	63.0	94.6





#29

Tetrahydrofuran

Concen: 611.512 ug/l

RT: 7.531 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW020682.D

Acq: 22 Oct 2021 14:24

Tgt Ion: 42 Resp: 110391

Ion Ratio Lower Upper

42 100

72 42.2 35.0 52.6

71 40.2 32.2 48.4

Instrument :

MSVOA_W

ClientSampleId :

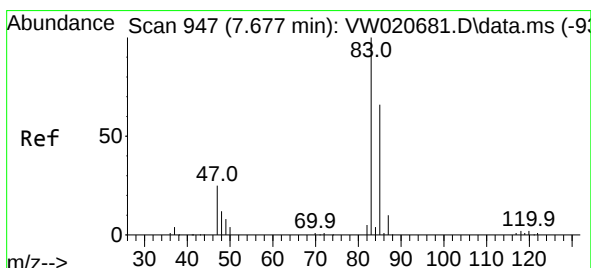
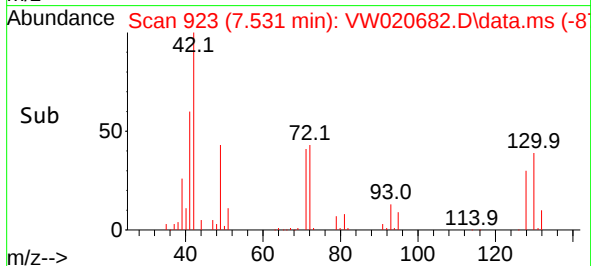
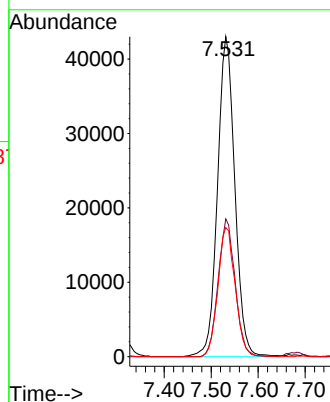
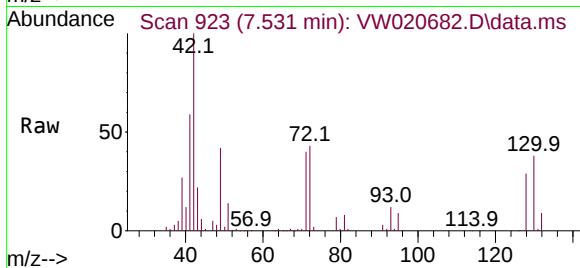
VSTDIC100

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#30

Chloroform

Concen: 88.198 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020682.D

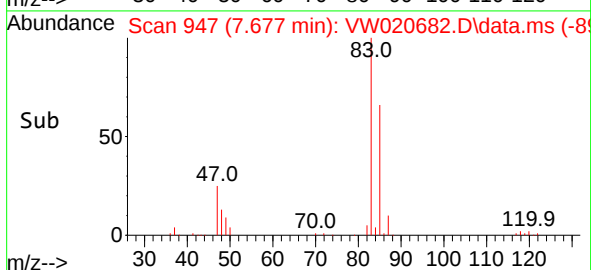
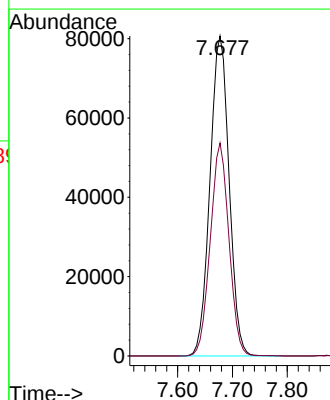
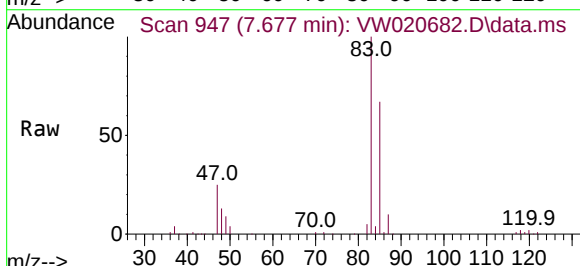
Acq: 22 Oct 2021 14:24

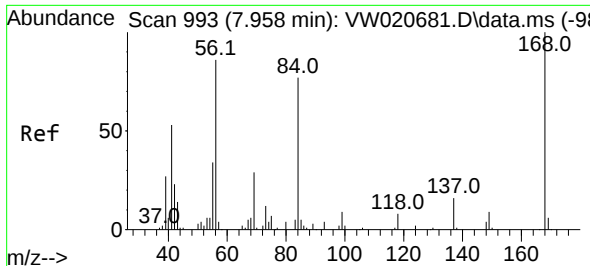
Tgt Ion: 83 Resp: 195063

Ion Ratio Lower Upper

83 100

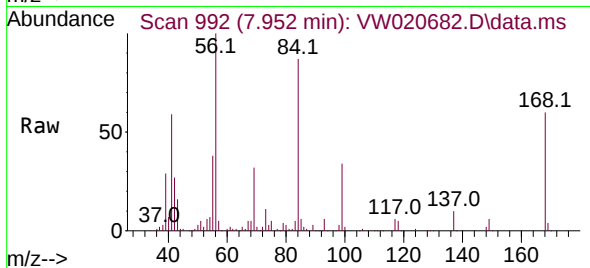
85 66.6 52.9 79.3





#31
Cyclohexane
Concen: 98.959 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

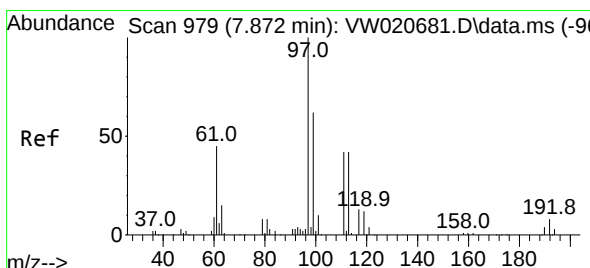
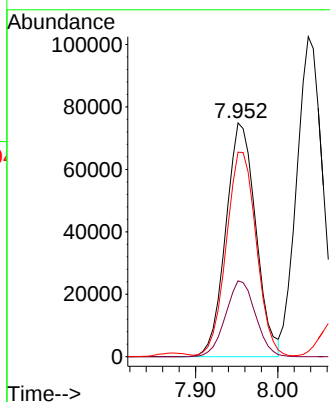
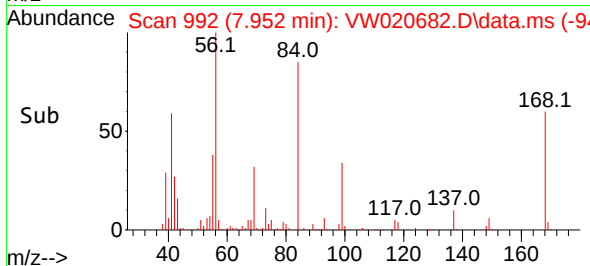
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100



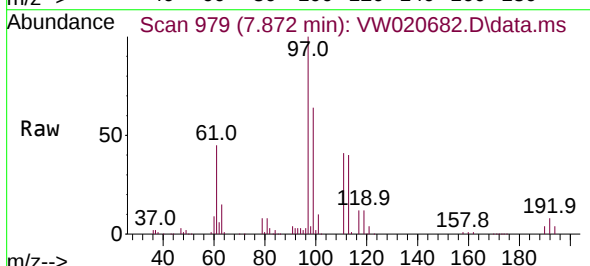
Tgt Ion: 56 Resp: 189976
Ion Ratio Lower Upper
56 100
69 32.5 27.2 40.8
84 86.1 71.8 107.6

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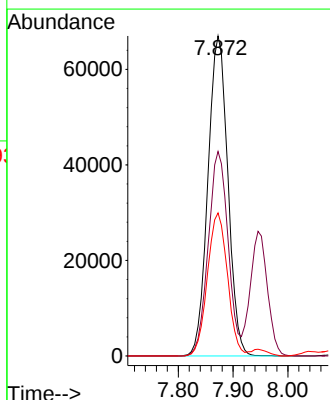
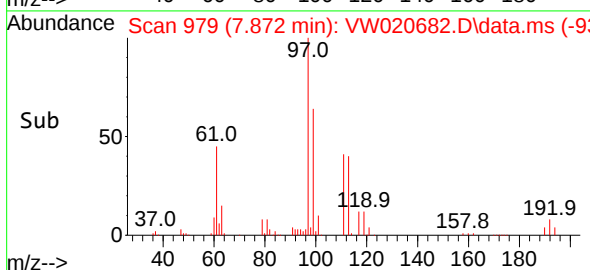
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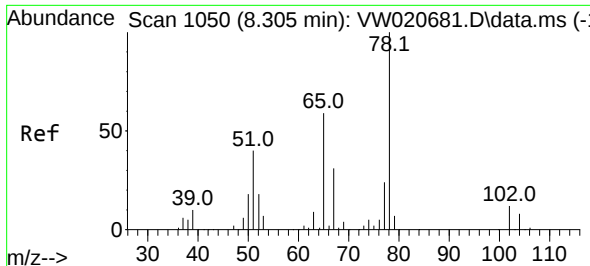


#32
1,1,1-Trichloroethane
Concen: 93.745 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

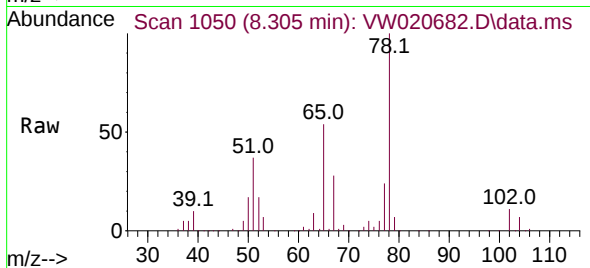


Tgt Ion: 97 Resp: 168935
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 45.0 36.6 55.0

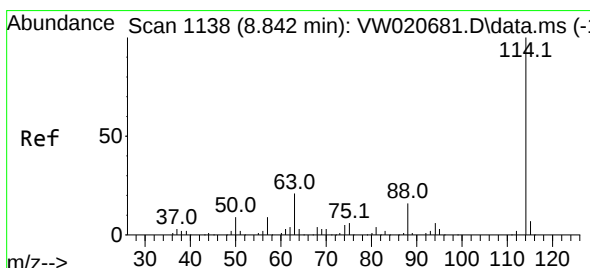
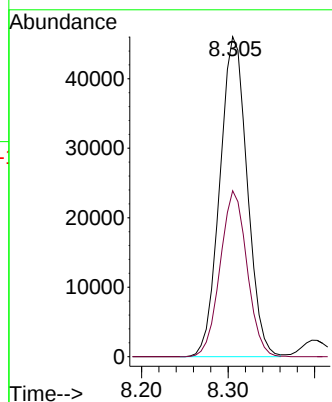
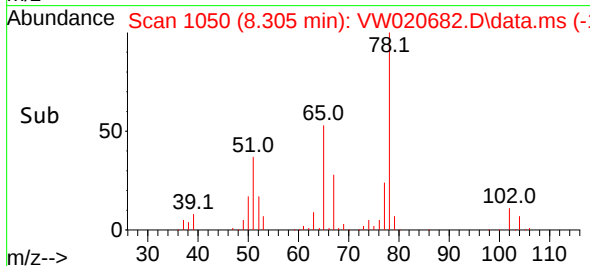




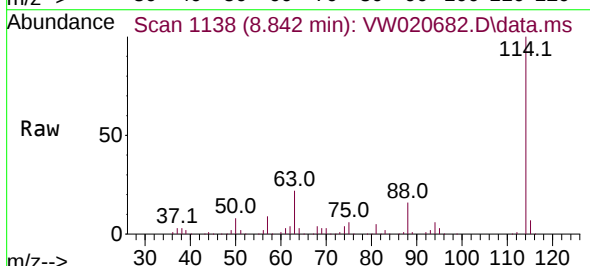
#33
1,2-Dichloroethane-d4
Concen: 85.290 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



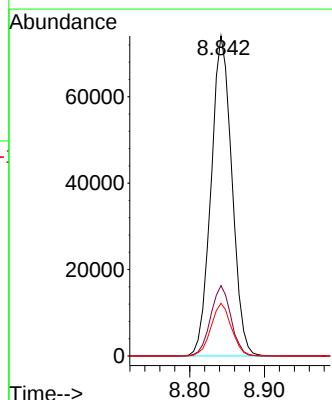
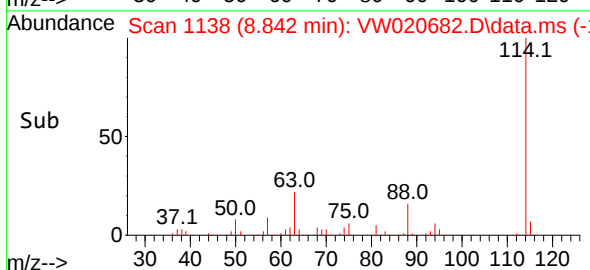
Tgt Ion: 65 Resp: 101063
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



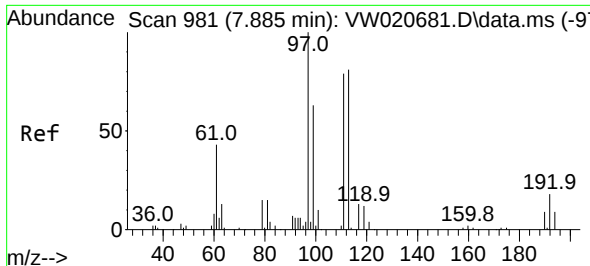
Tgt Ion: 114 Resp: 143413
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.8
88 16.5 0.0 33.0



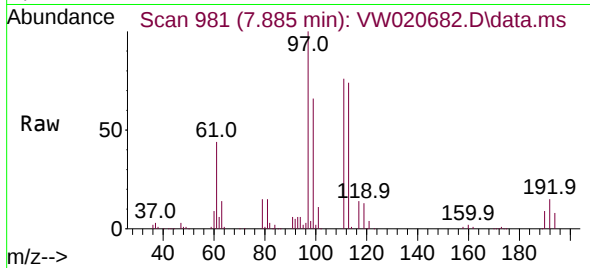
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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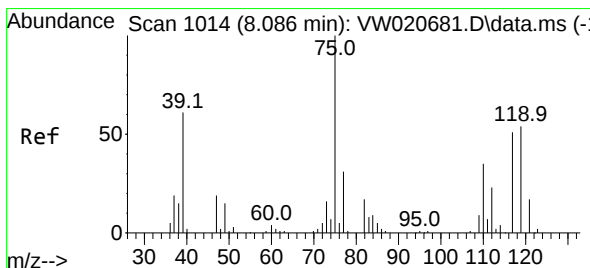
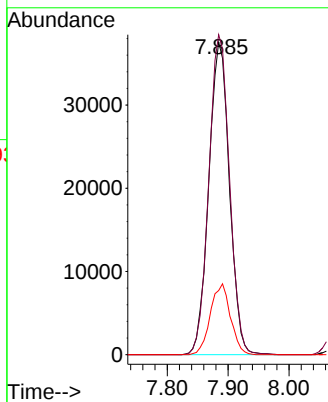
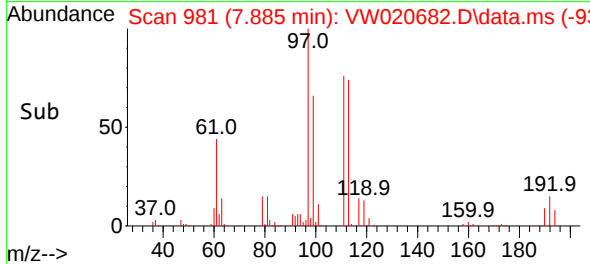
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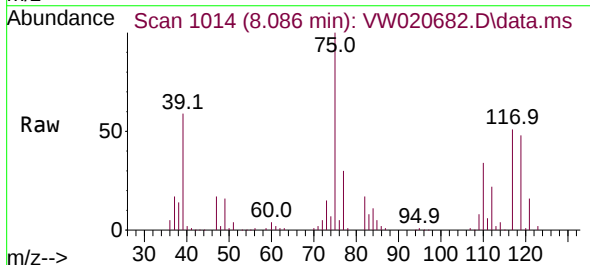
#35
Dibromofluoromethane
Concen: 94.137 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



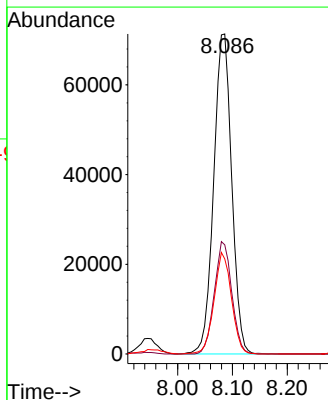
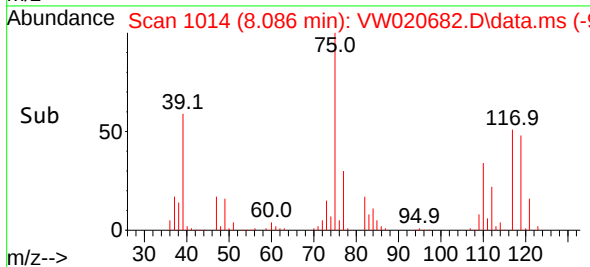
Tgt Ion: 113 Resp: 88365
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 22.1 17.8 26.8



#36
1,1-Dichloropropene
Concen: 108.775 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



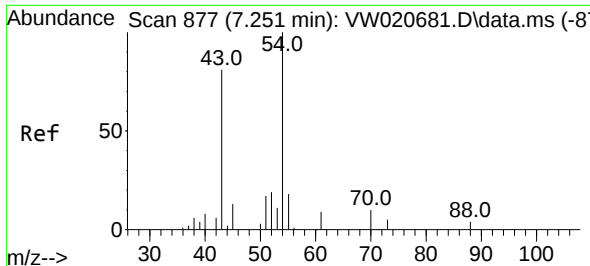
Tgt Ion: 75 Resp: 162938
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.3
77 30.7 24.9 37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
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#37

Ethyl Acetate

Concen: 125.180 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.006 min

Lab File: VW020682.D

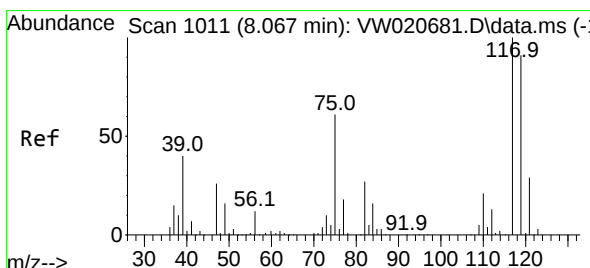
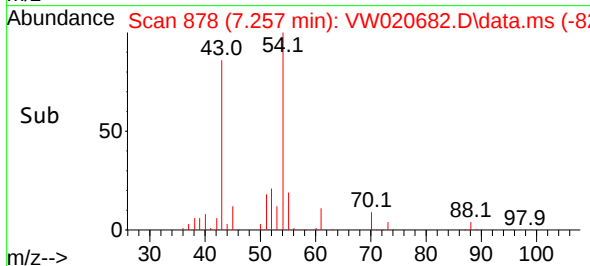
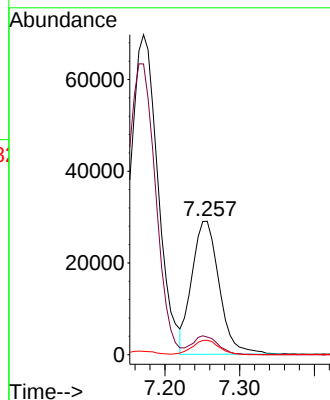
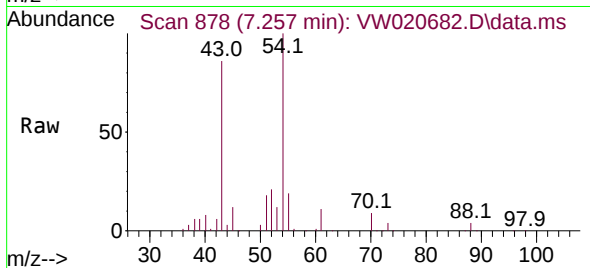
Acq: 22 Oct 2021 14:24

Tgt Ion:	43	Resp:	73707
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.3	15.5
70	10.6	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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#38

Carbon Tetrachloride

Concen: 104.657 ug/l

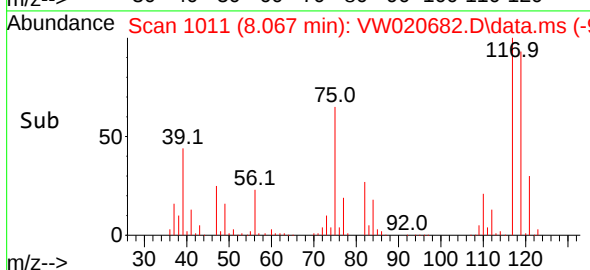
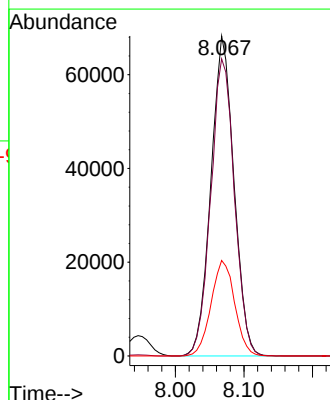
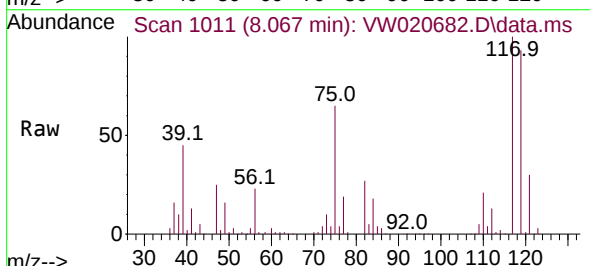
RT: 8.067 min Scan# 1011

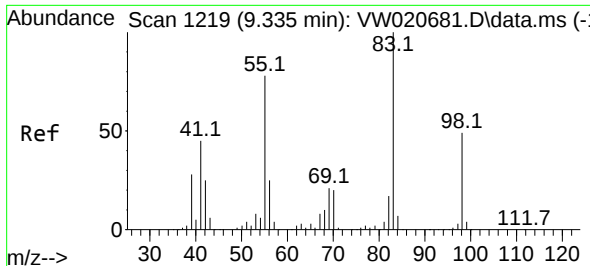
Delta R.T. 0.000 min

Lab File: VW020682.D

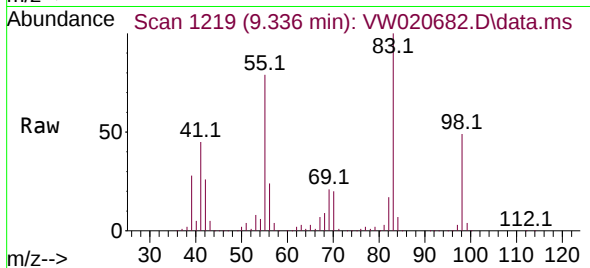
Acq: 22 Oct 2021 14:24

Tgt Ion:	117	Resp:	159271
Ion	Ratio	Lower	Upper
117	100		
119	92.8	72.9	109.3
121	29.8	23.4	35.0

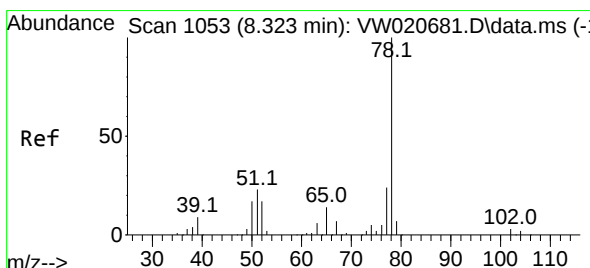
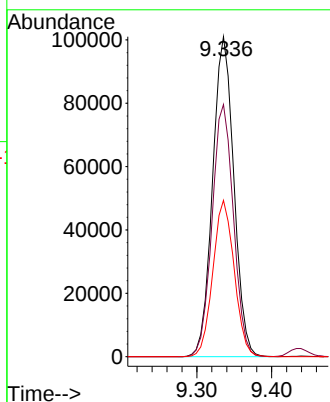
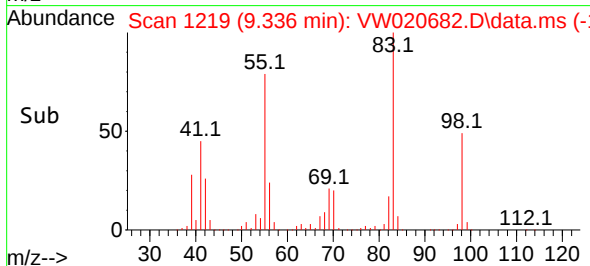




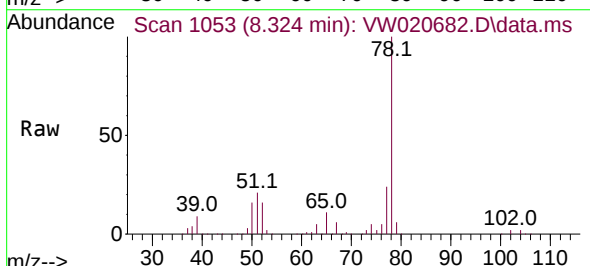
#39
Methylcyclohexane
Concen: 115.686 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



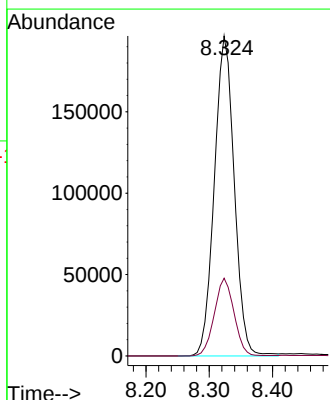
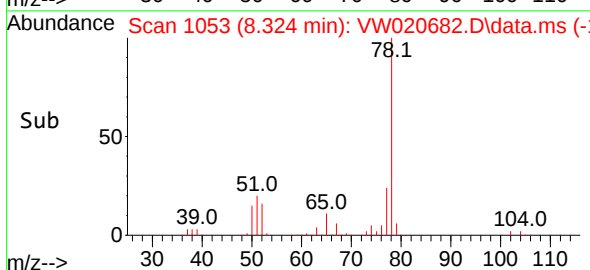
Tgt Ion: 83 Resp: 199800
Ion Ratio Lower Upper
83 100
55 78.8 62.6 94.0
98 48.9 38.8 58.2



#40
Benzene
Concen: 104.155 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



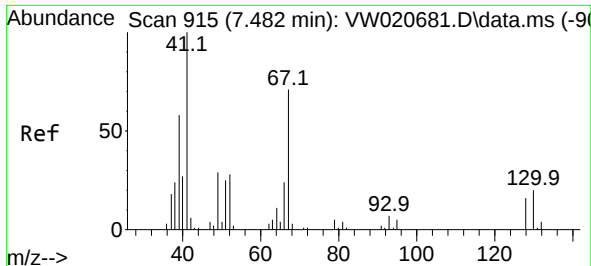
Tgt Ion: 78 Resp: 428699
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



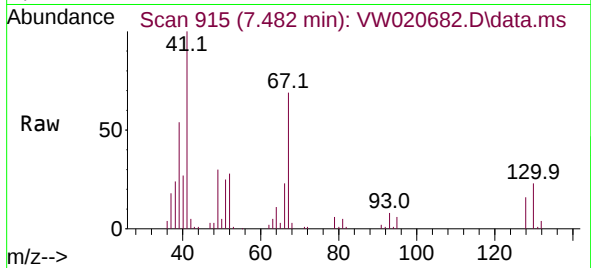
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
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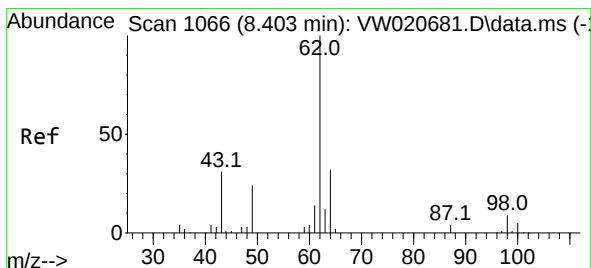
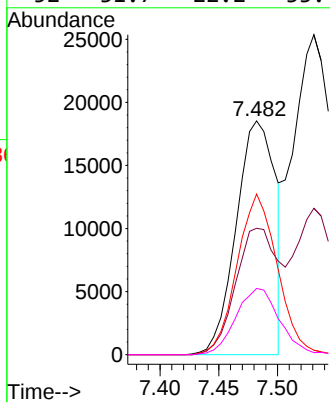
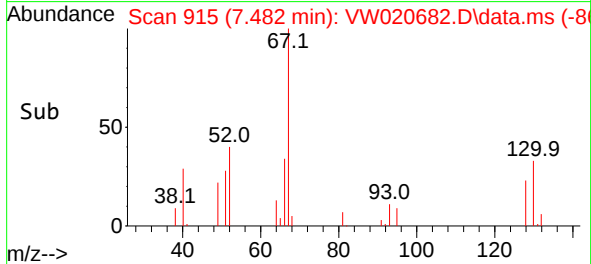
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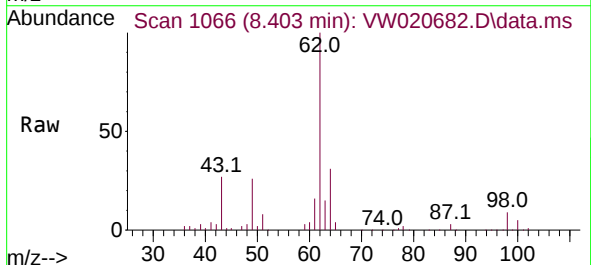
#41
Methacrylonitrile
Concen: 127.797 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



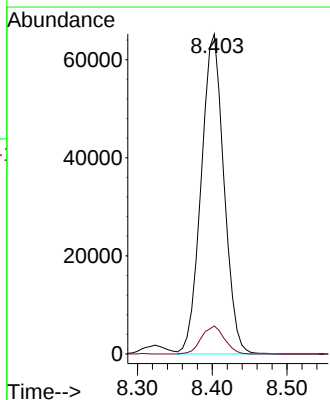
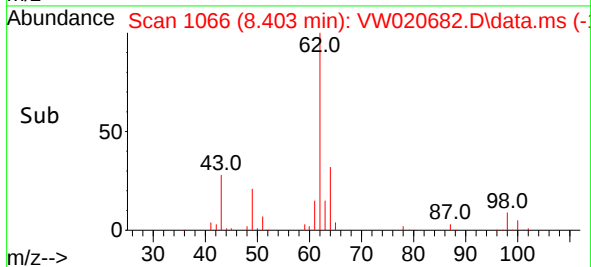
Tgt Ion:	41	Resp:	42968
Ion	Ratio	Lower	Upper
41	100		
39	61.0	44.3	66.5
67	71.0	50.9	76.3
52	31.7	22.2	33.4



#42
1,2-Dichloroethane
Concen: 107.638 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



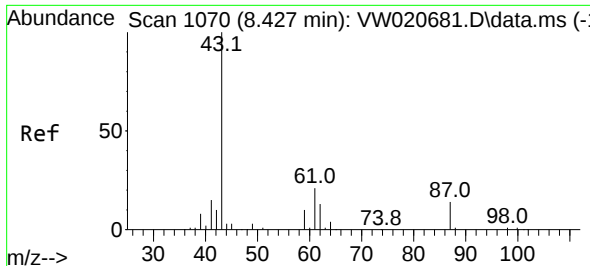
Tgt Ion:	62	Resp:	137829
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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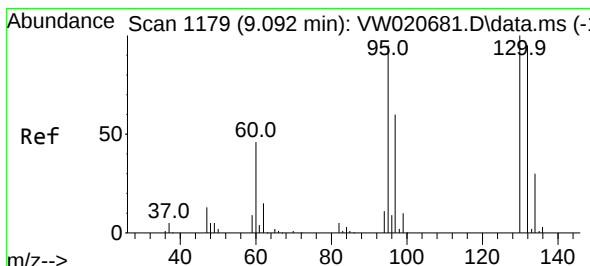
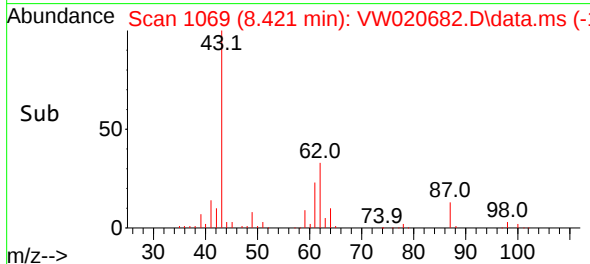
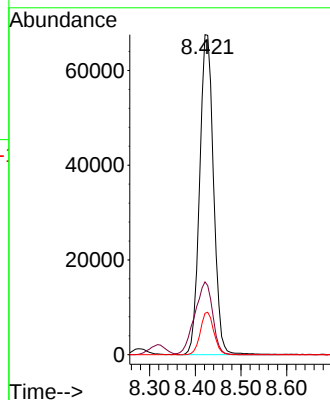
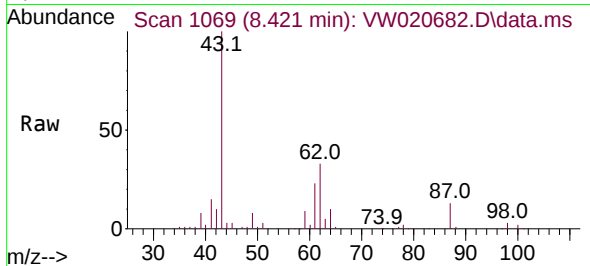
#43
Isopropyl Acetate
Concen: 128.841 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	43	Resp:	142611
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.3	34.9
87	12.8	10.4	15.6

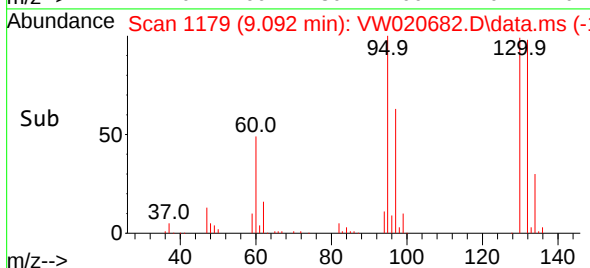
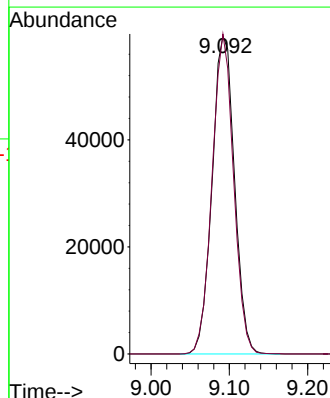
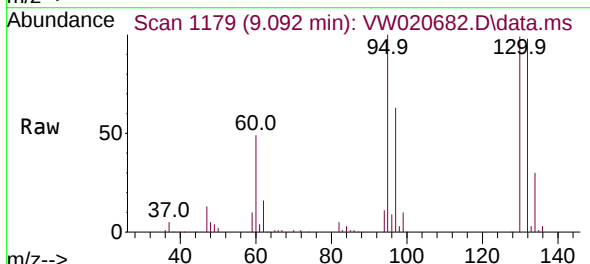
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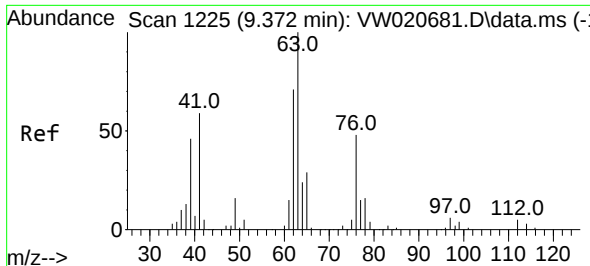
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#44
Trichloroethene
Concen: 108.434 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion:	130	Resp:	117948
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	189.2





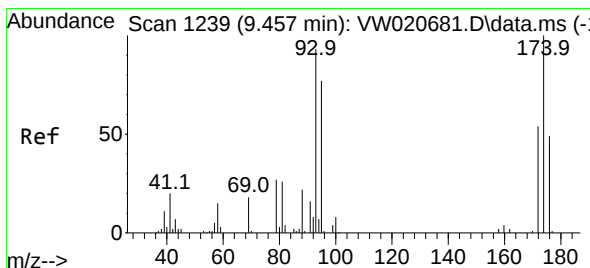
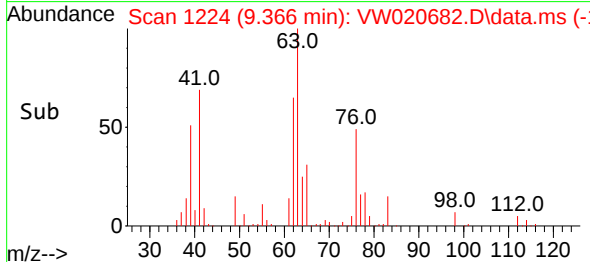
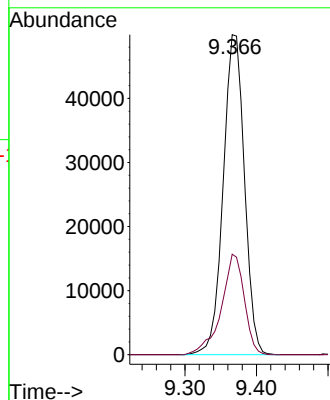
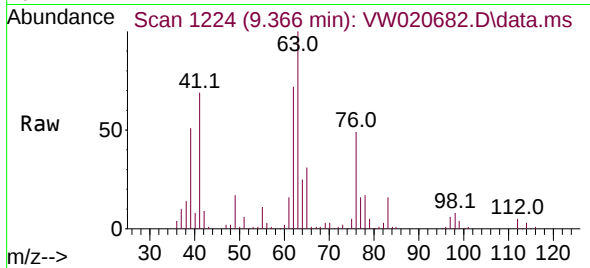
#45
1,2-Dichloropropane
Concen: 102.922 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 63 Resp: 103004
Ion Ratio Lower Upper
63 100
65 31.4 23.7 35.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

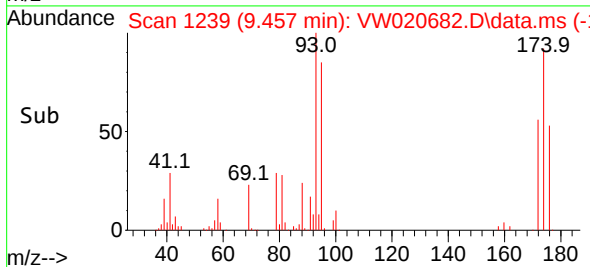
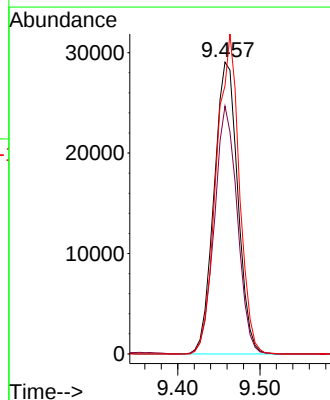
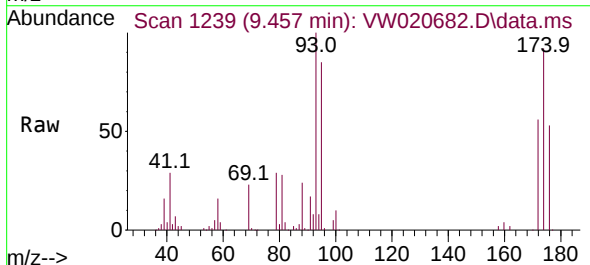
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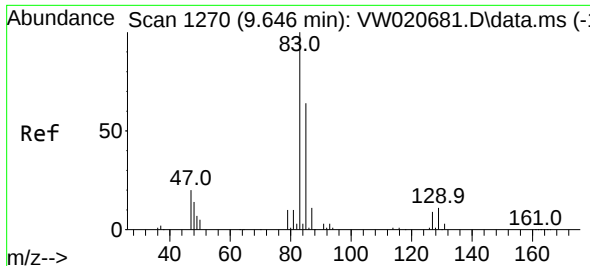
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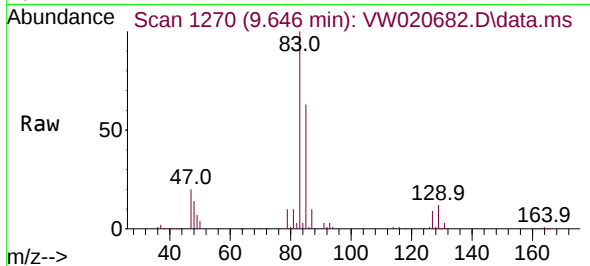
#46
Dibromomethane
Concen: 102.749 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 93 Resp: 58286
Ion Ratio Lower Upper
93 100
95 81.5 67.0 100.4
174 105.6 88.9 133.3

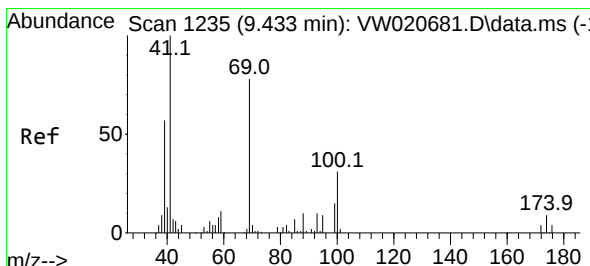
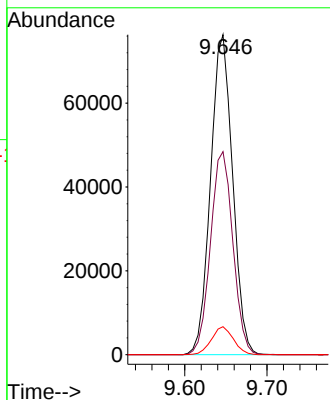
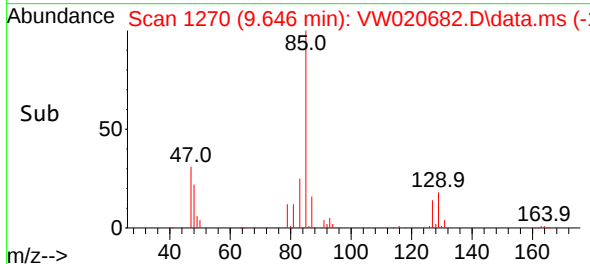




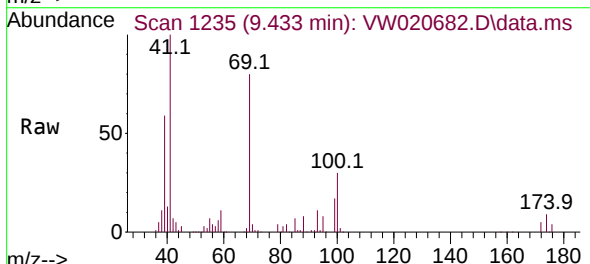
#47
Bromodichloromethane
Concen: 101.150 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



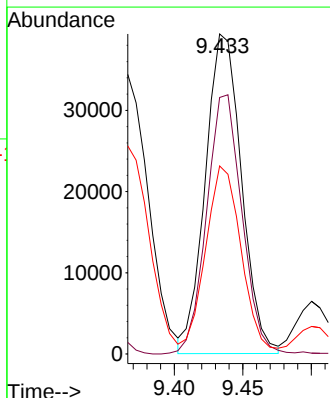
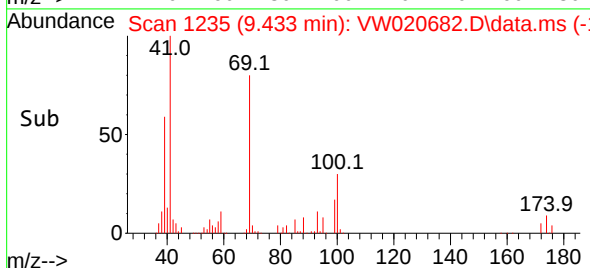
Tgt Ion: 83 Resp: 142233
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.6
127 8.8 7.0 10.4



#48
Methyl methacrylate
Concen: 146.917 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



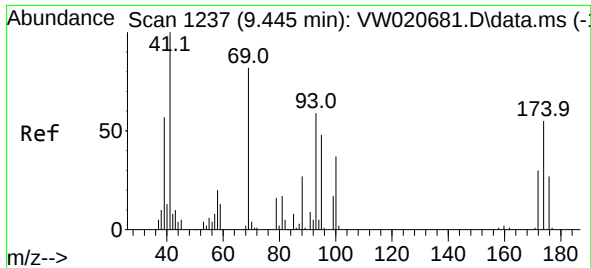
Tgt Ion: 41 Resp: 72397
Ion Ratio Lower Upper
41 100
69 79.4 67.2 100.8
39 54.1 47.0 70.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

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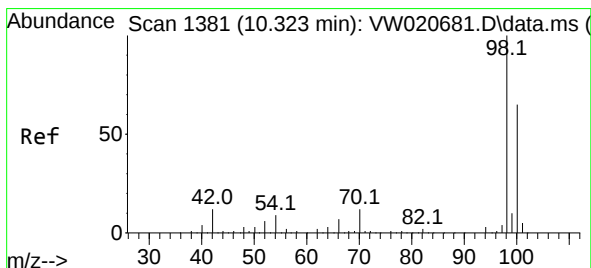
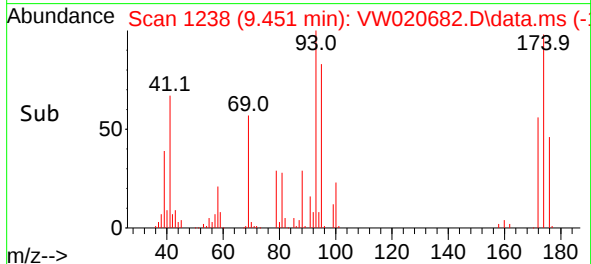
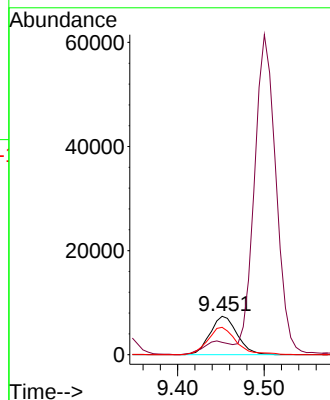
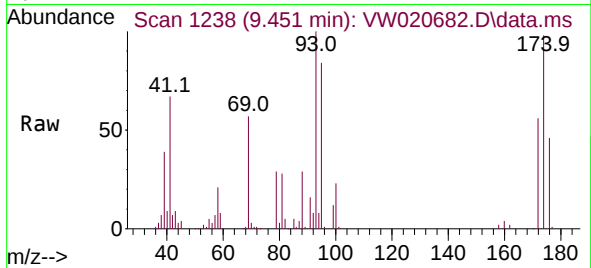
#49
1,4-Dioxane
Concen: 2200.851 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 88 Resp: 16012
Ion Ratio Lower Upper
88 100
43 35.7 28.8 43.2
58 75.4 59.6 89.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

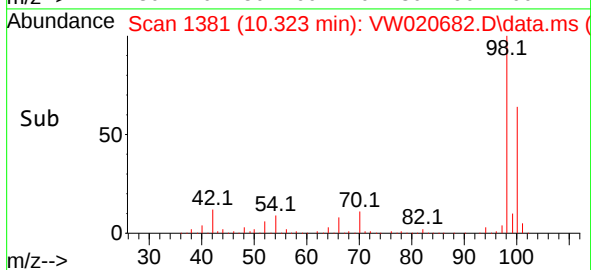
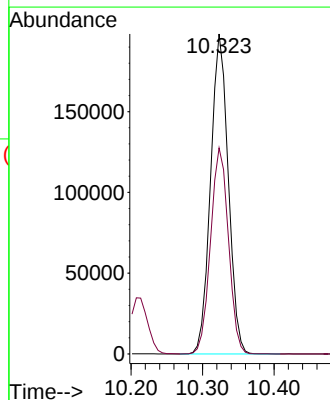
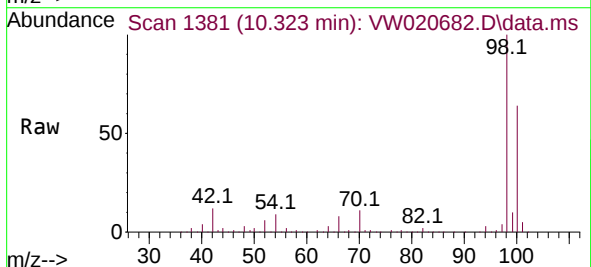
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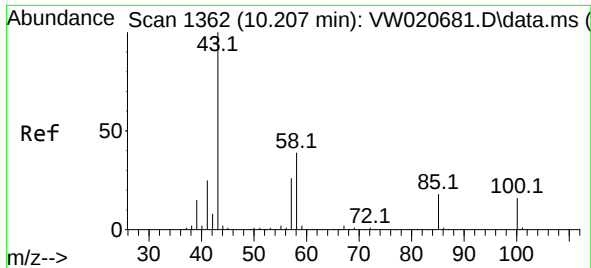
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#50
Toluene-d8
Concen: 97.096 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 98 Resp: 339554
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8





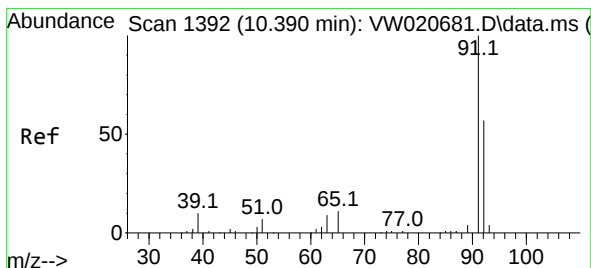
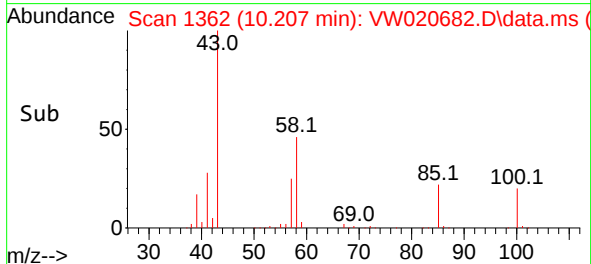
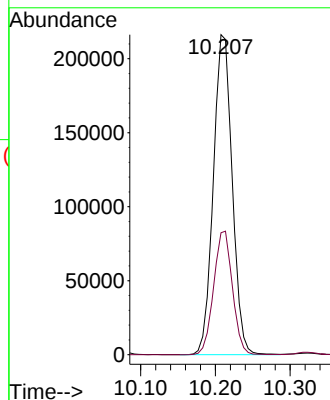
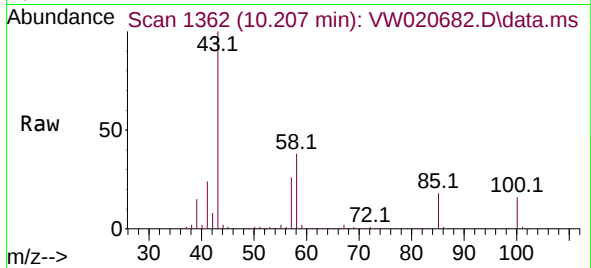
#51
4-Methyl-2-Pentanone
Concen: 650.747 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 43 Resp: 379096
Ion Ratio Lower Upper
43 100
58 38.5 30.6 46.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

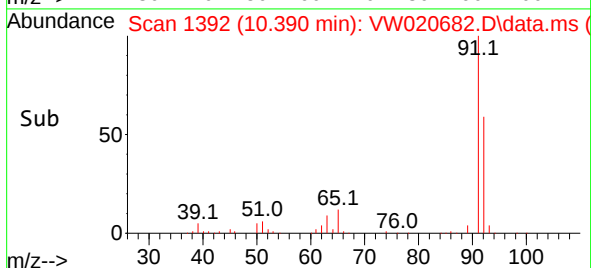
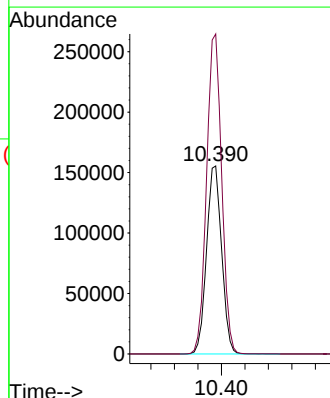
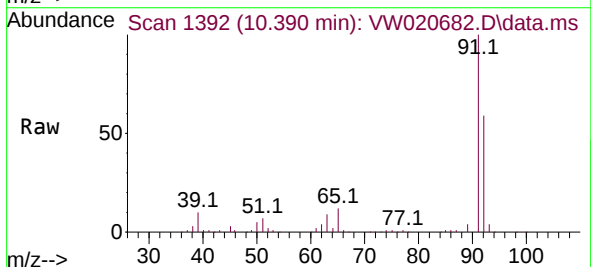
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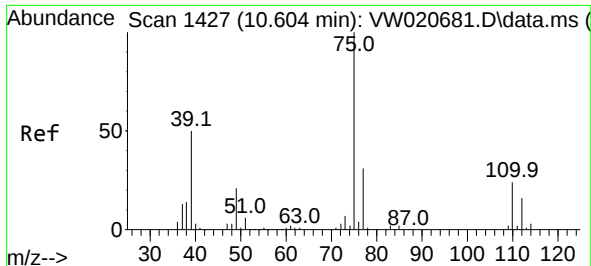
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#52
Toluene
Concen: 106.305 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 92 Resp: 277161
Ion Ratio Lower Upper
92 100
91 170.4 136.6 204.8





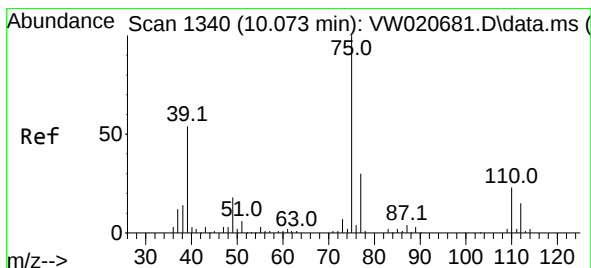
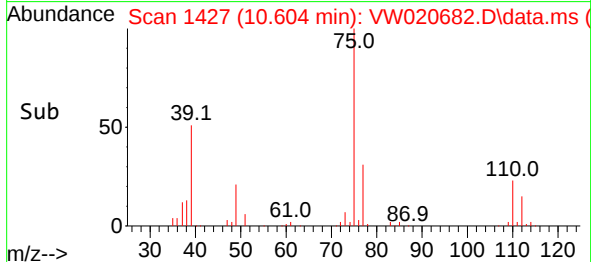
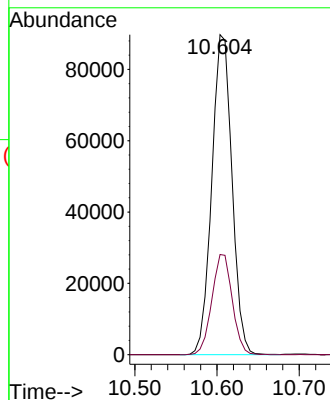
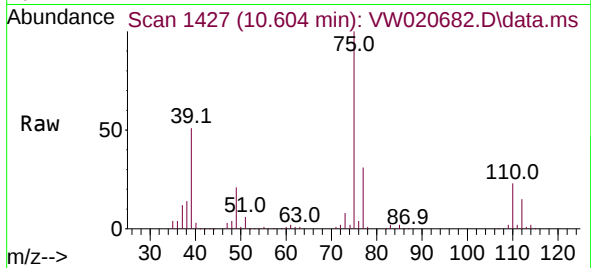
#53
 t-1,3-Dichloropropene
 Concen: 112.146 ug/l
 RT: 10.604 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW020682.D
 Acq: 22 Oct 2021 14:24

Tgt Ion: 75 Resp: 153216
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

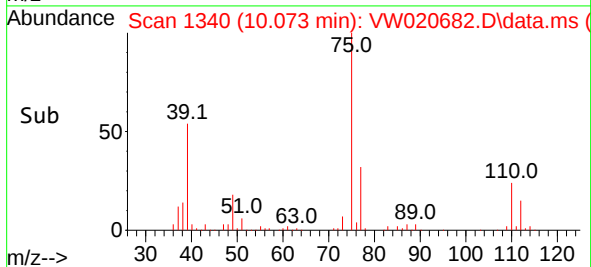
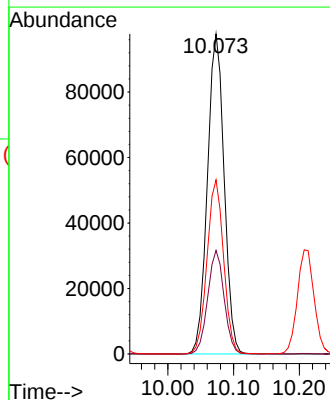
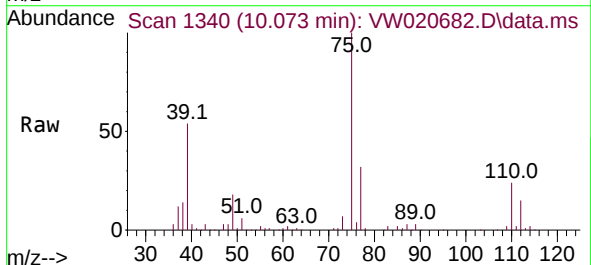
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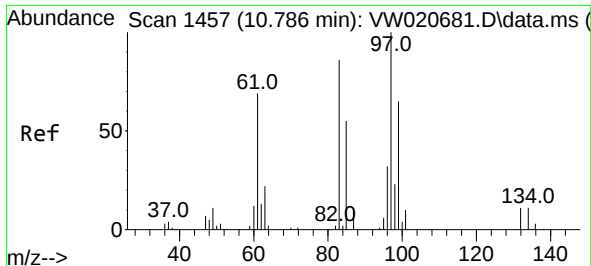
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#54
 cis-1,3-Dichloropropene
 Concen: 109.527 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW020682.D
 Acq: 22 Oct 2021 14:24

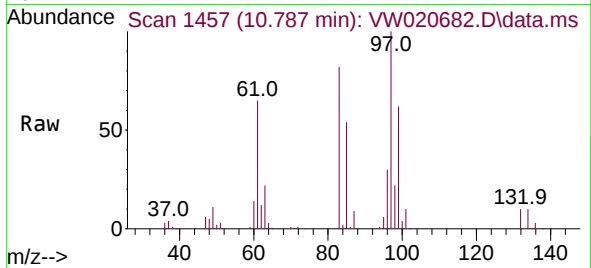
Tgt Ion: 75 Resp: 172667
 Ion Ratio Lower Upper
 75 100
 77 32.4 23.8 35.8
 39 54.4 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 102.438 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

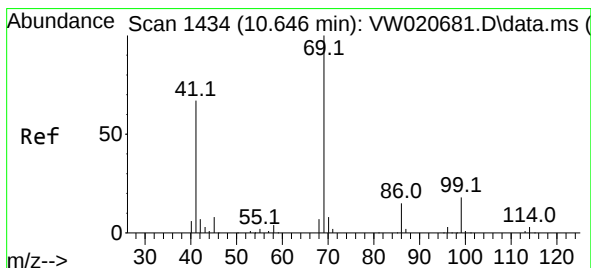
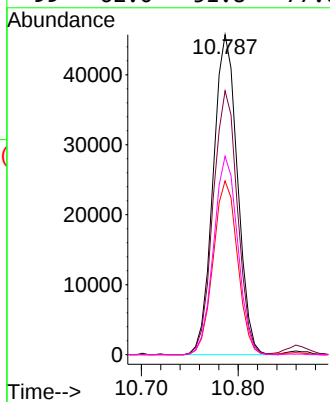
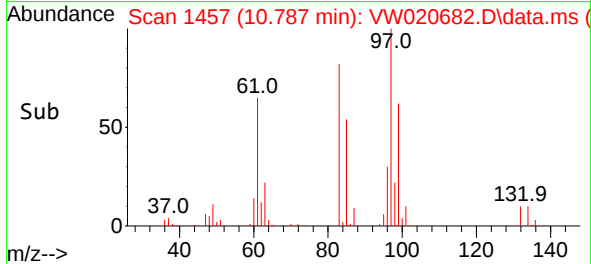
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



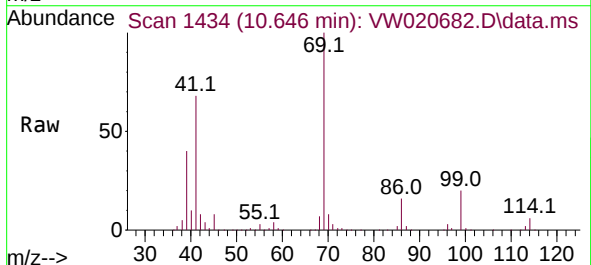
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.0	103.4
85	54.3	44.3	66.5
99	62.0	51.8	77.6

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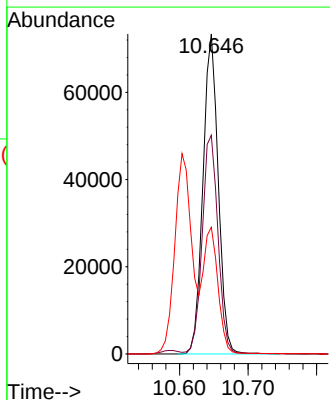
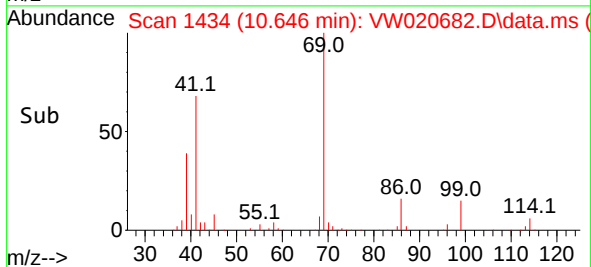
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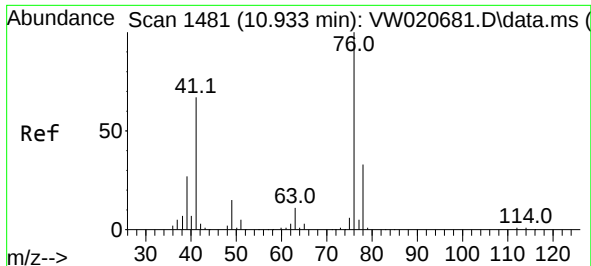


#56
Ethyl methacrylate
Concen: 127.858 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.6	85.0
39	37.2	29.6	44.4





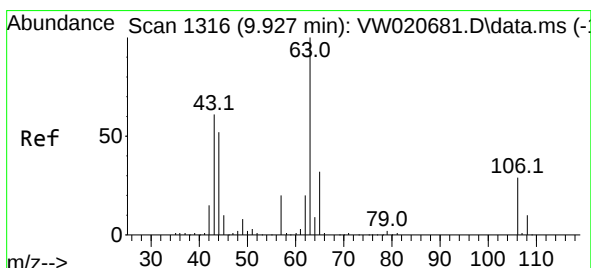
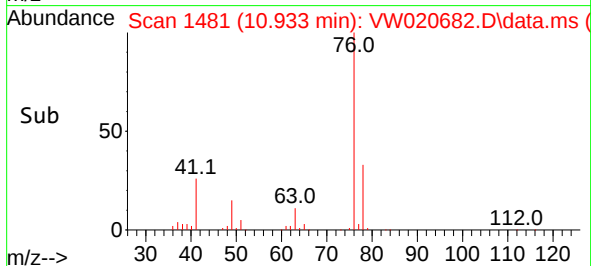
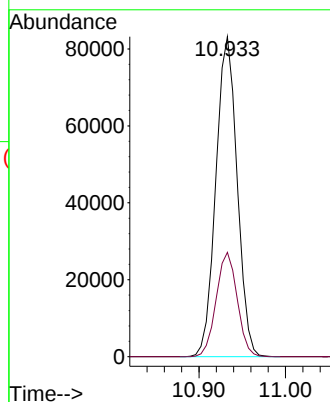
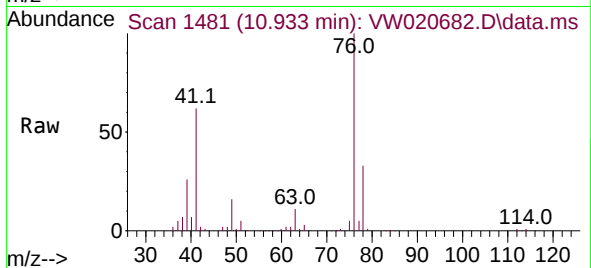
#57
1,3-Dichloropropane
Concen: 106.905 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 76 Resp: 141954
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

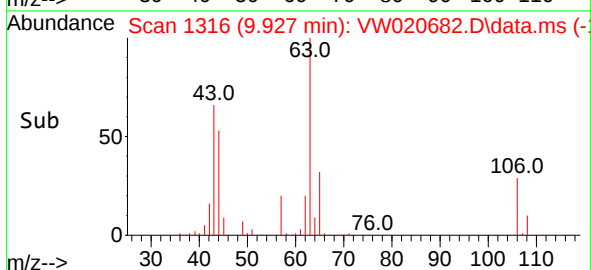
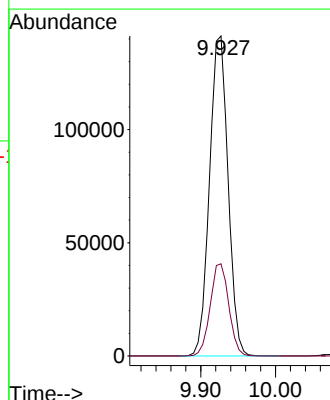
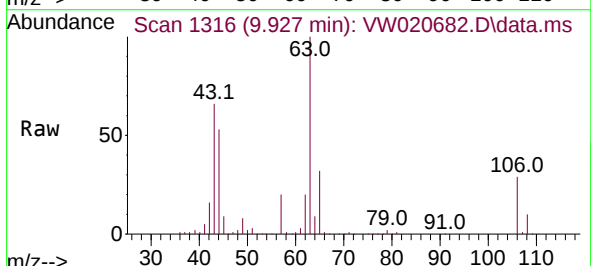
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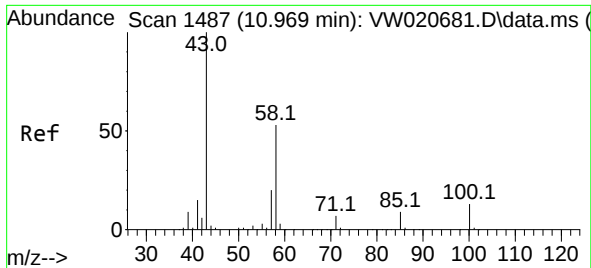
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#58
2-Chloroethyl Vinyl ether
Concen: 598.923 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

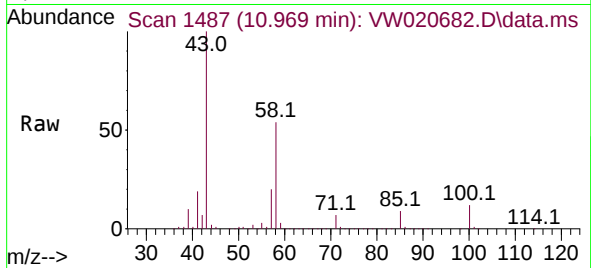
Tgt Ion: 63 Resp: 243875
Ion Ratio Lower Upper
63 100
106 28.7 23.0 34.6





#59
2-Hexanone
Concen: 685.496 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

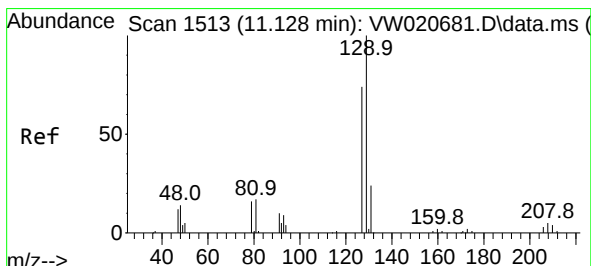
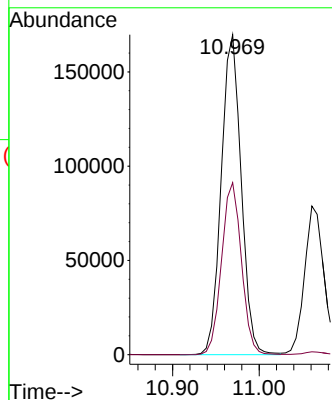
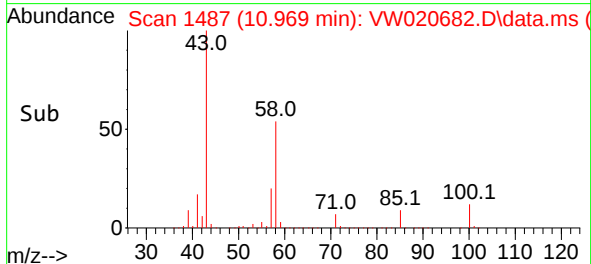
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100



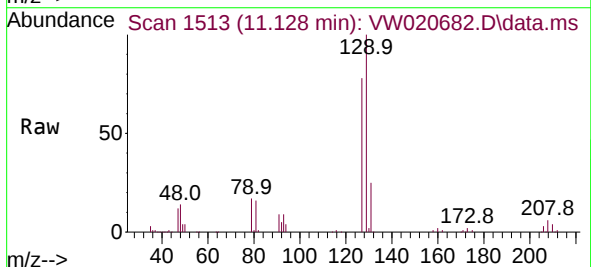
Tgt Ion: 43 Resp: 271548
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.2

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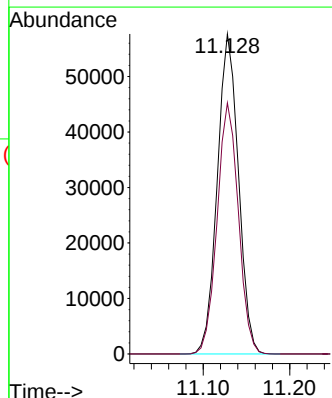
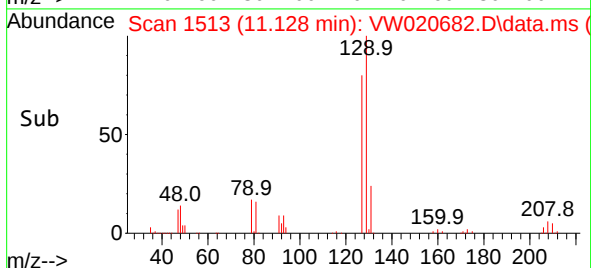
MMDadoda
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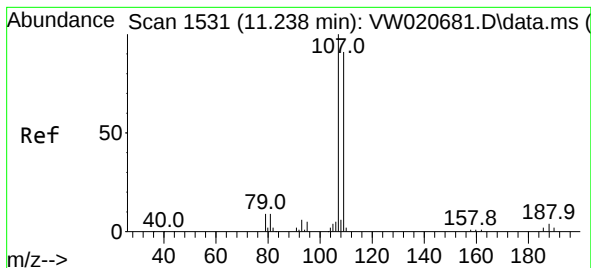


#60
Dibromochloromethane
Concen: 109.092 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



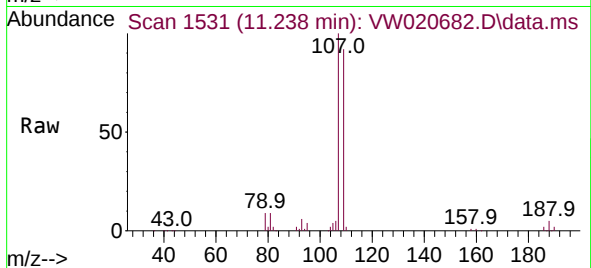
Tgt Ion: 129 Resp: 97810
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 106.801 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

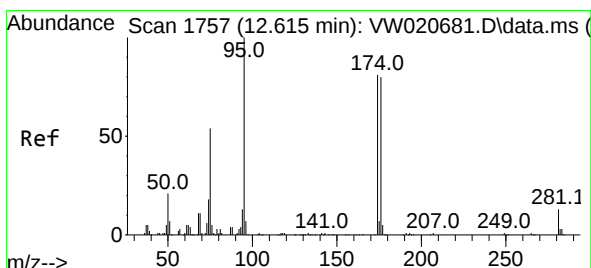
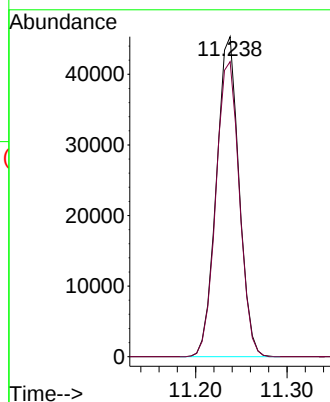
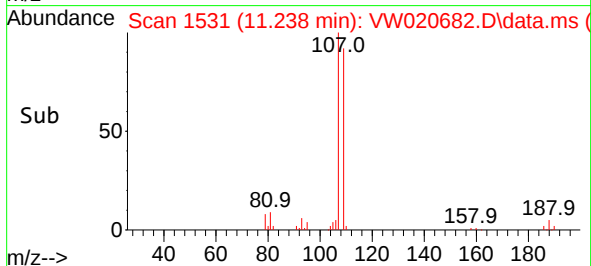
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



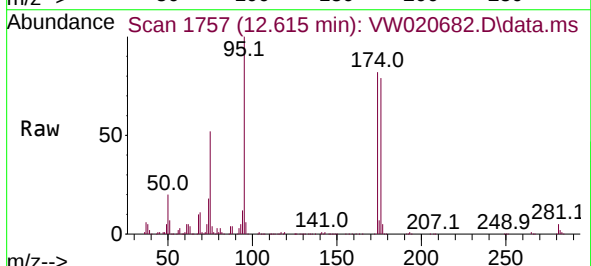
Tgt Ion:107 Resp: 78107
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2

Manual Integrations
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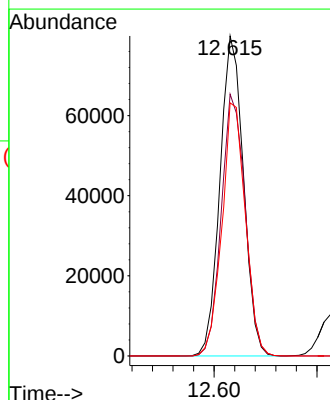
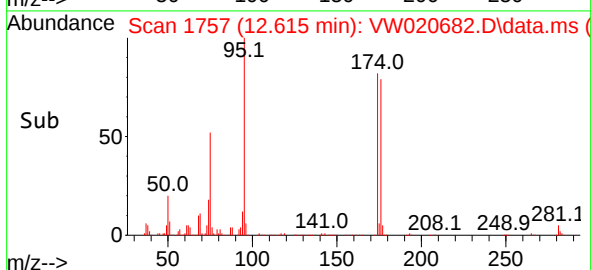
MMDadoda
10/25/2021 11:56:12 AM

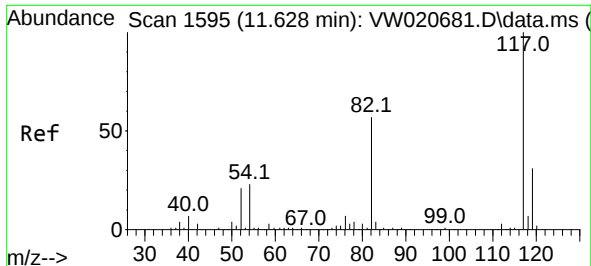


#62
4-Bromofluorobenzene
Concen: 98.476 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion: 95 Resp: 126609
Ion Ratio Lower Upper
95 100
174 82.9 0.0 166.4
176 79.0 0.0 159.8





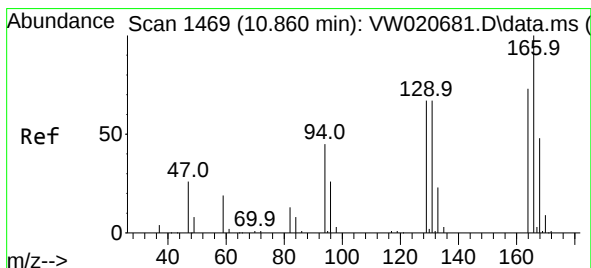
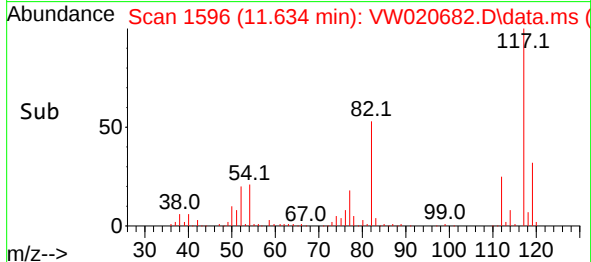
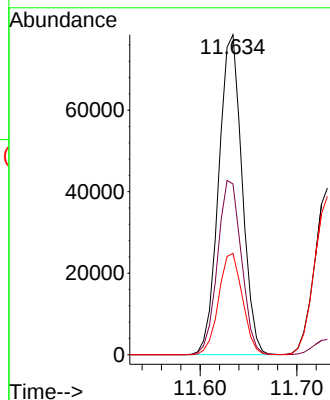
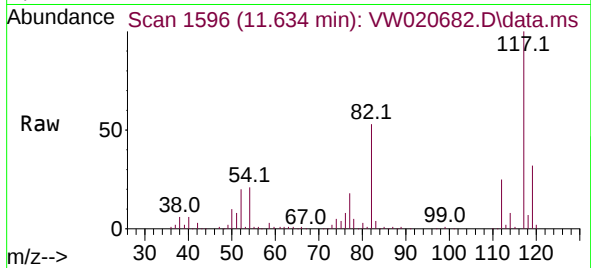
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 131477
Ion Ratio Lower Upper
117 100
82 53.3 45.6 68.4
119 31.7 25.0 37.4

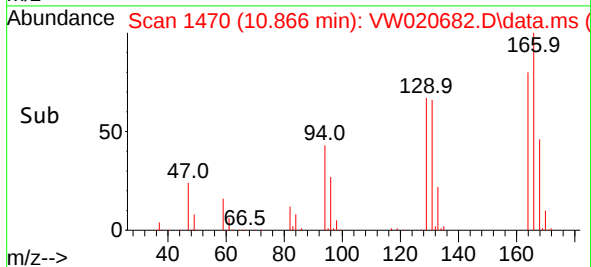
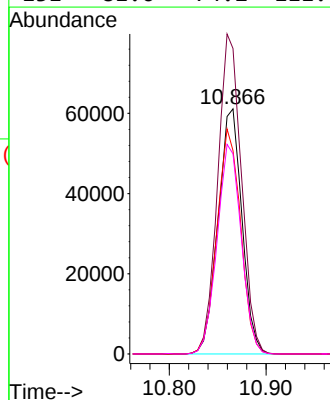
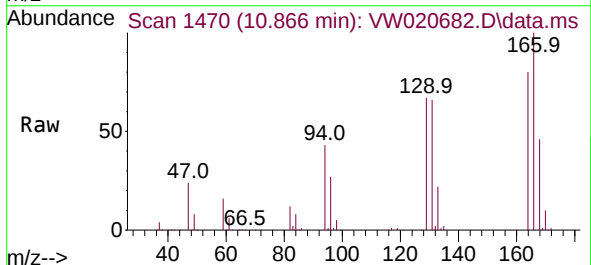
Manual Integrations
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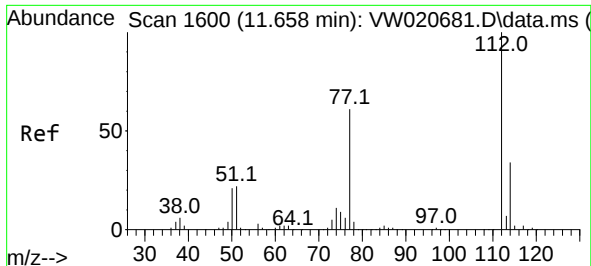
MMDadoda
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#64
Tetrachloroethene
Concen: 113.930 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion:164 Resp: 104846
Ion Ratio Lower Upper
164 100
166 124.6 110.2 165.4
129 82.9 74.4 111.6
131 81.6 74.2 111.4





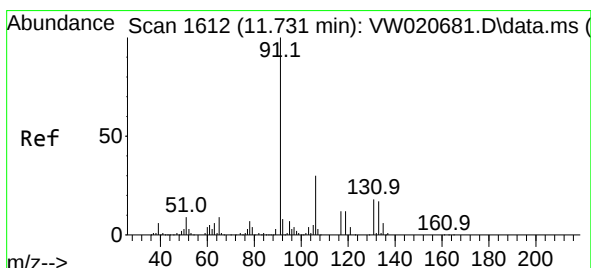
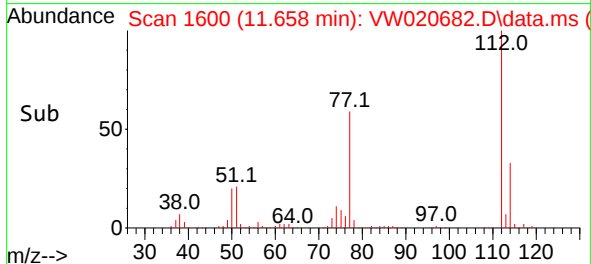
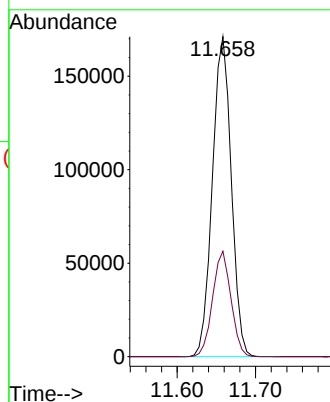
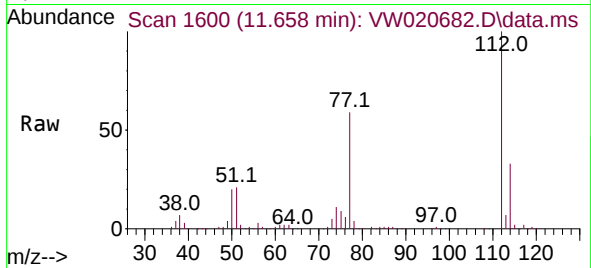
#65
Chlorobenzene
Concen: 102.510 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 286503
Ion Ratio Lower Upper
112 100
114 32.9 27.0 40.6

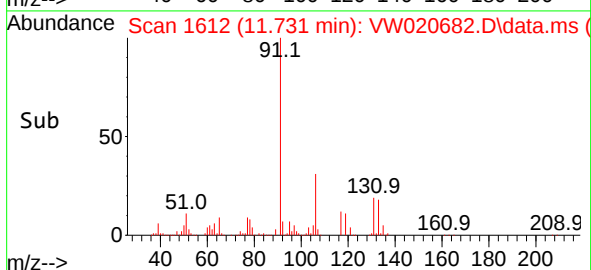
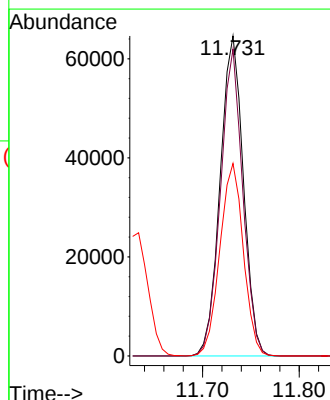
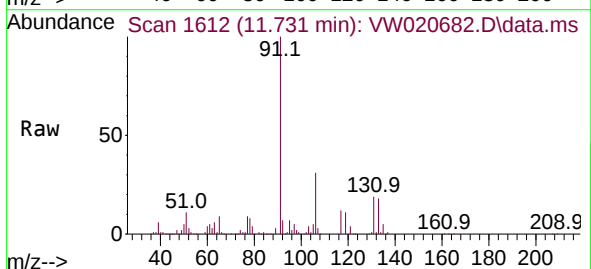
Manual Integrations
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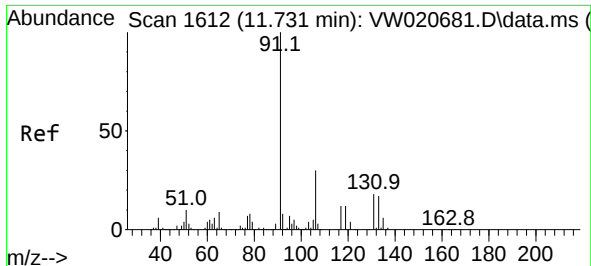
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#66
1,1,1,2-Tetrachloroethane
Concen: 107.739 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion:131 Resp: 107506
Ion Ratio Lower Upper
131 100
133 92.1 47.9 143.8
119 60.9 31.6 95.0





#67

Ethyl Benzene

Concen: 109.834 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW020682.D

Acq: 22 Oct 2021 14:24

Tgt Ion: 91 Resp: 542039

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6

Instrument :

MSVOA_W

ClientSampleId :

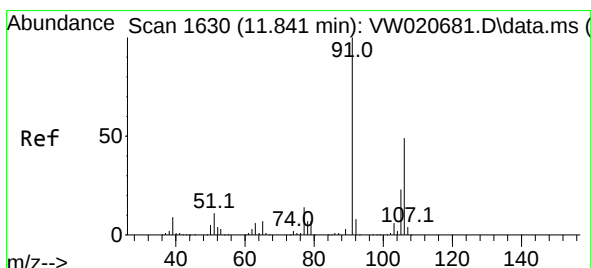
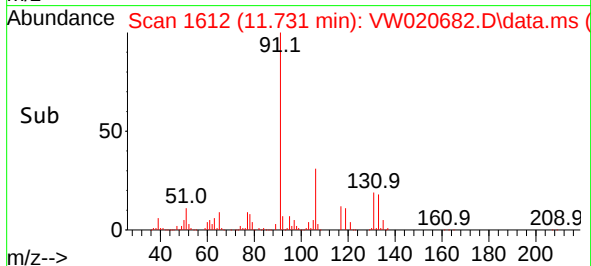
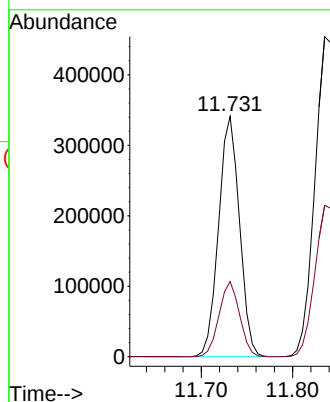
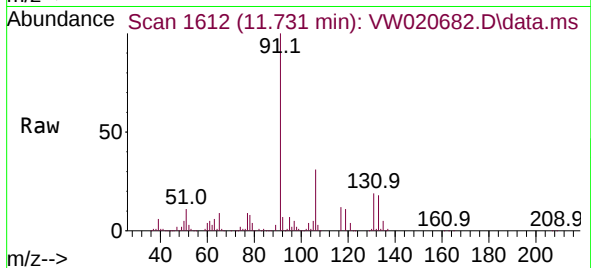
VSTDIC100

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 216.438 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW020682.D

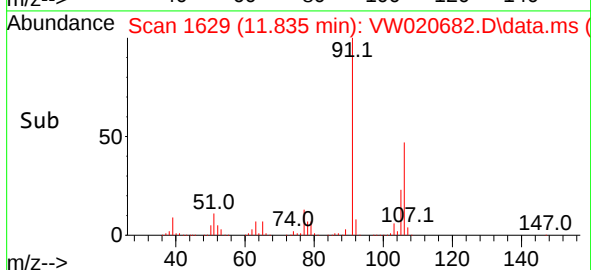
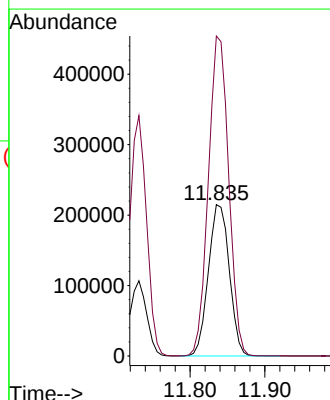
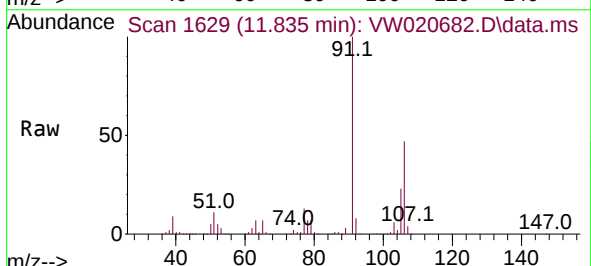
Acq: 22 Oct 2021 14:24

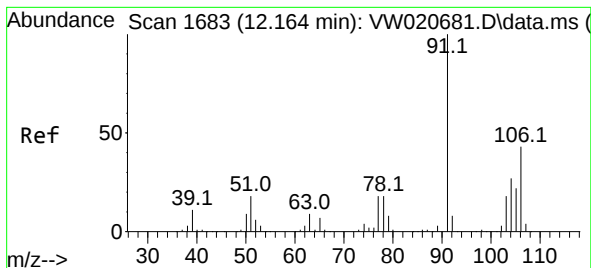
Tgt Ion:106 Resp: 418298

Ion Ratio Lower Upper

106 100

91 205.4 166.4 249.6





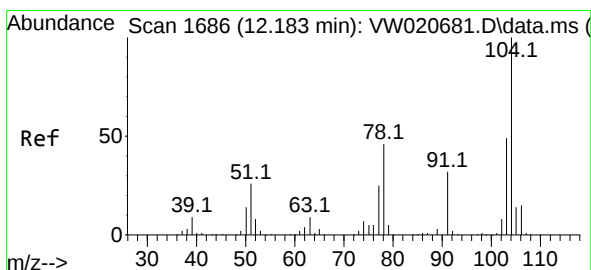
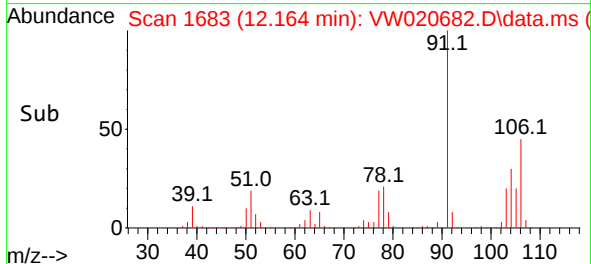
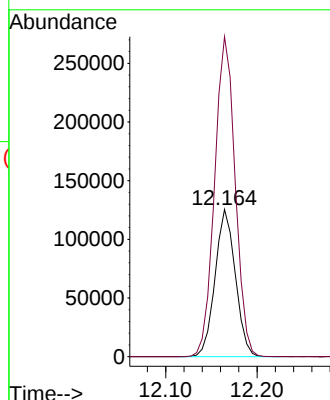
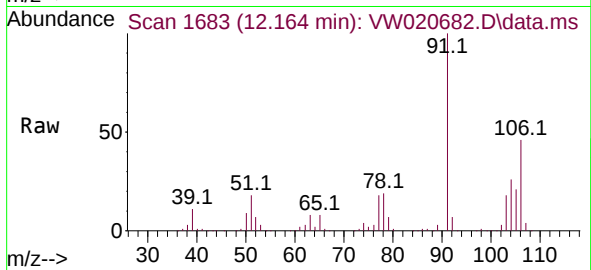
#69
o-Xylene
Concen: 109.430 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 193296
Ion Ratio Lower Upper
106 100
91 220.8 110.9 332.6

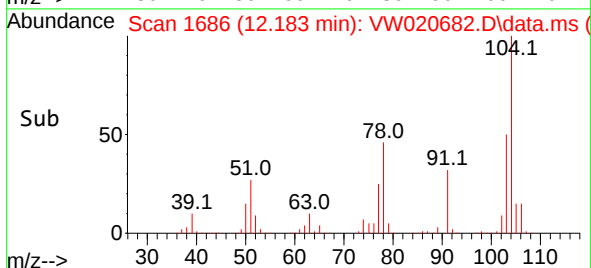
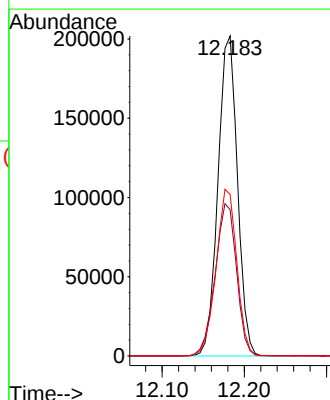
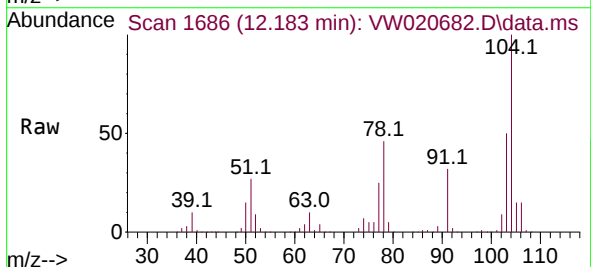
Manual Integrations
APPROVED

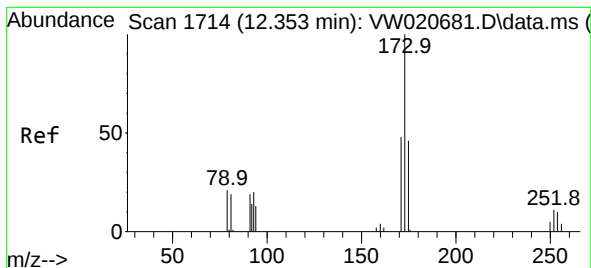
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#70
Styrene
Concen: 110.649 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

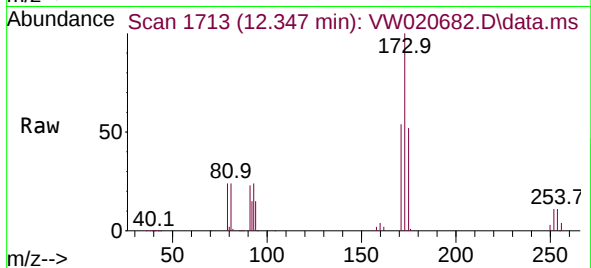
Tgt Ion:104 Resp: 332662
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 55.5 43.3 64.9





#71
Bromoform
Concen: 124.395 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

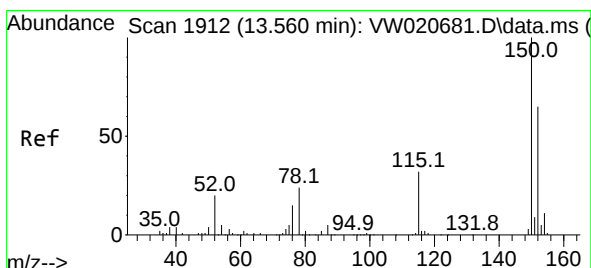
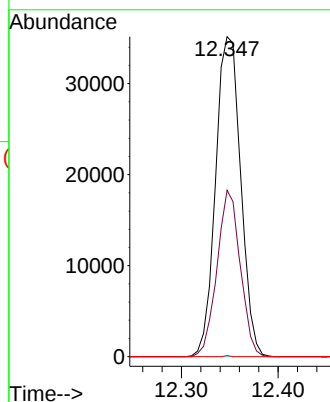
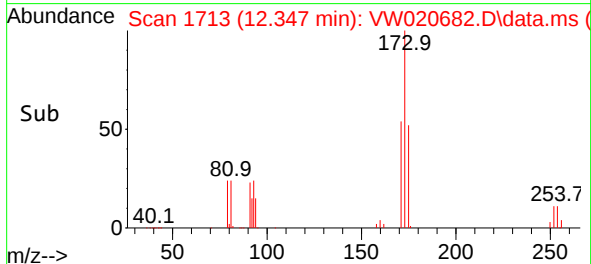
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



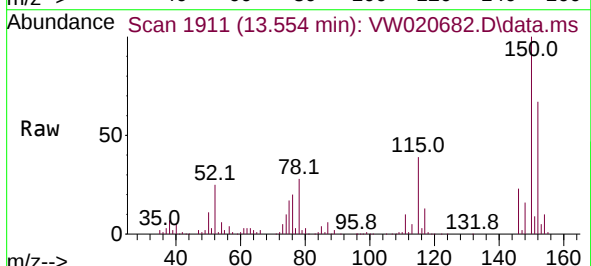
Tgt Ion:173 Resp: 63330
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.1 0.0 0.0#

Manual Integrations
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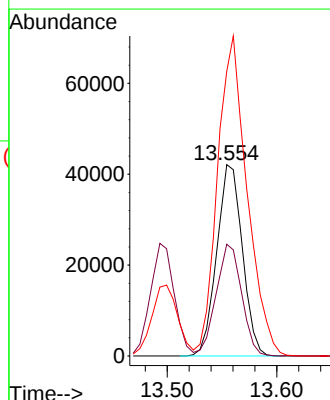
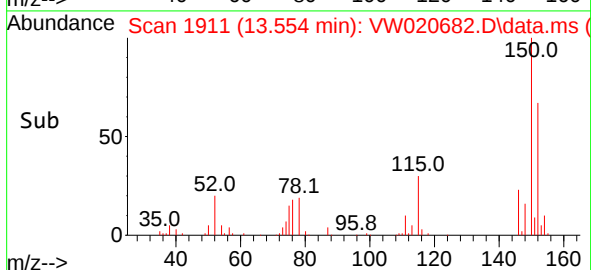
MMDadoda
10/25/2021 11:56:12 AM

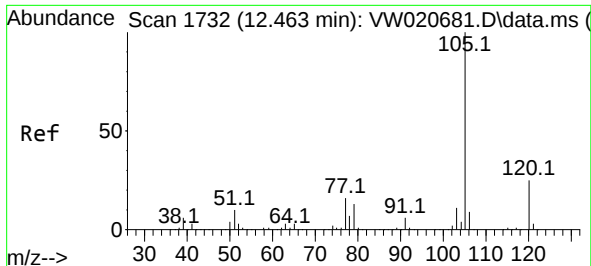


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion:152 Resp: 68296
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.9
150 192.8 0.0 352.6





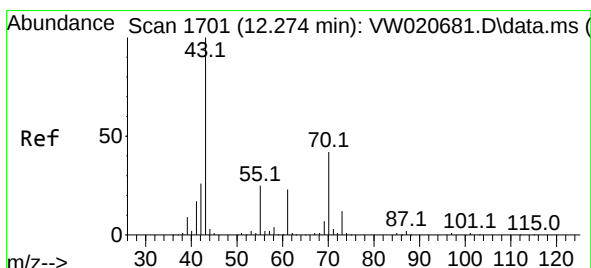
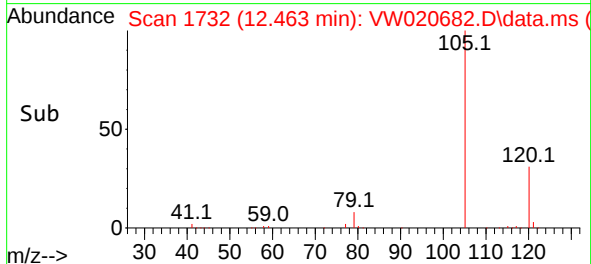
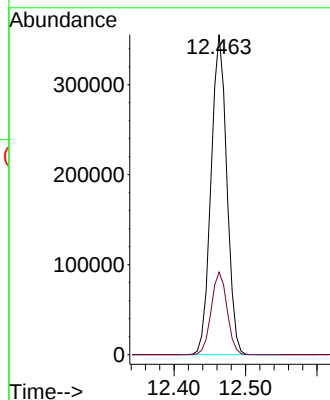
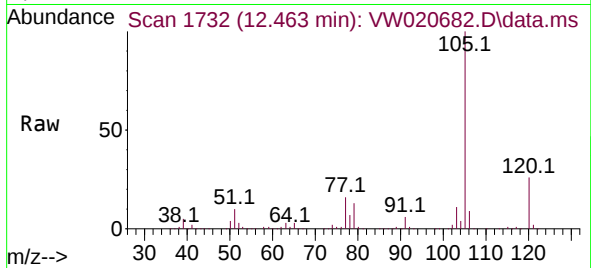
#73
Isopropylbenzene
Concen: 114.031 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 543853
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

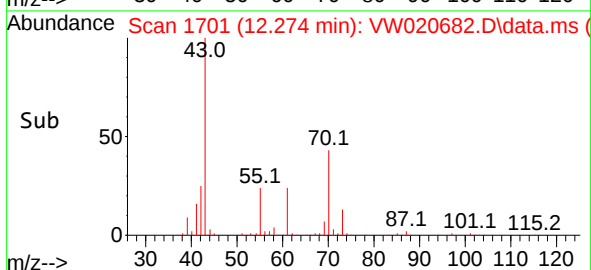
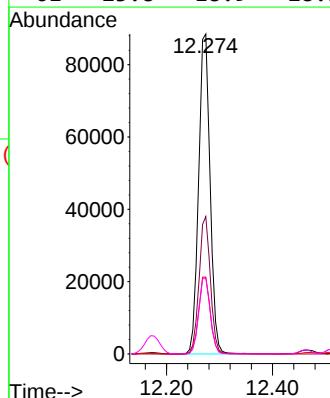
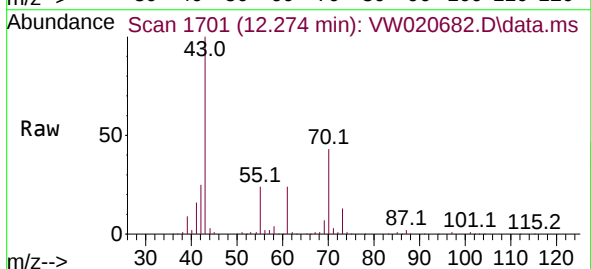
Manual Integrations
APPROVED

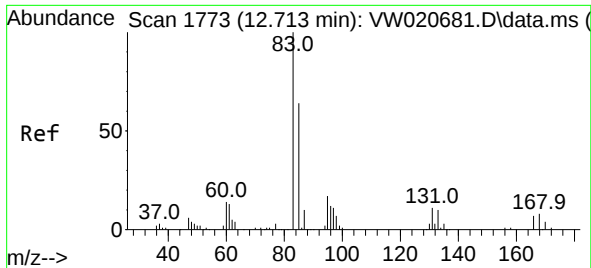
MMDadoda
10/25/2021 11:56:12 AM



#74
N-ethyl acetate
Concen: 129.643 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

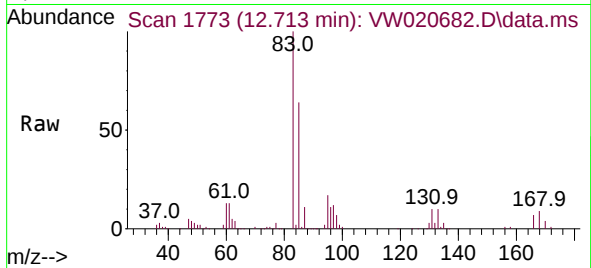
Tgt Ion: 43 Resp: 133469
Ion Ratio Lower Upper
43 100
70 42.3 33.4 50.2
55 24.6 20.1 30.1
61 23.8 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 105.547 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

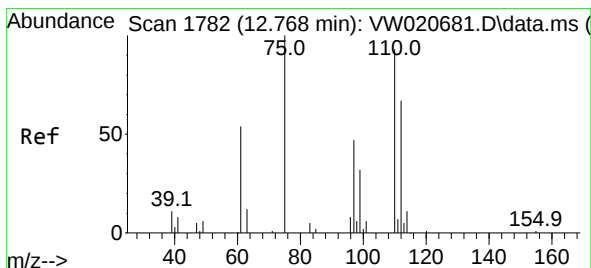
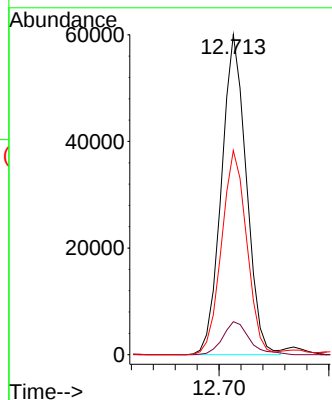
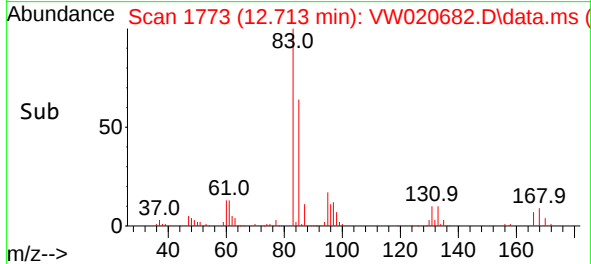
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



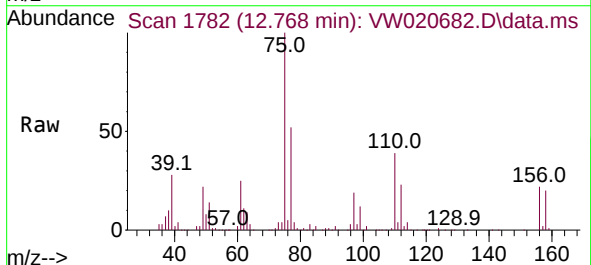
Tgt Ion: 83 Resp: 94620
Ion Ratio Lower Upper
83 100
131 11.0 5.8 17.3
85 64.4 31.8 95.4

Manual Integrations
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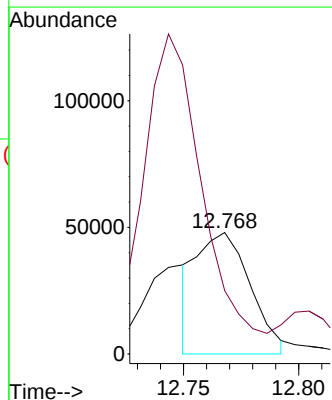
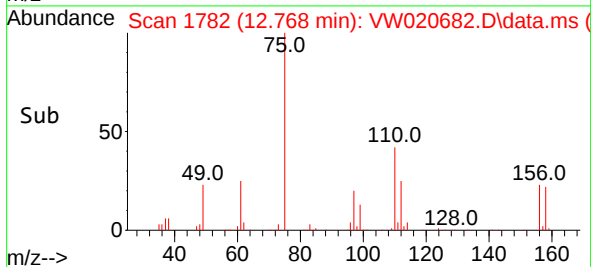
MMDadoda
10/25/2021 11:56:12 AM

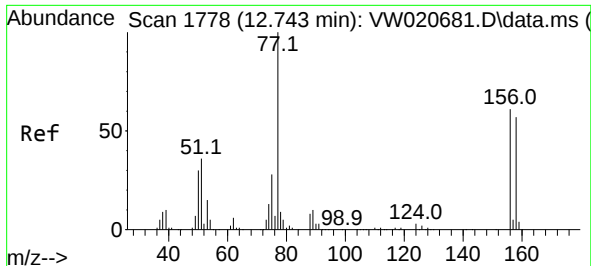


#76
1,2,3-Trichloropropane
Concen: 117.621 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion: 75 Resp: 77553
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





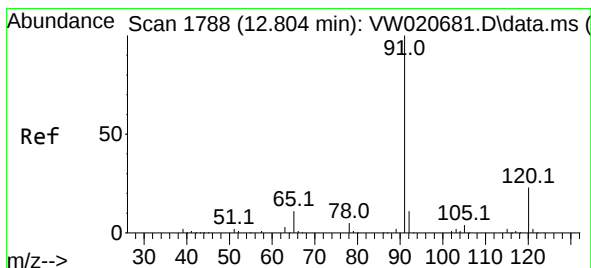
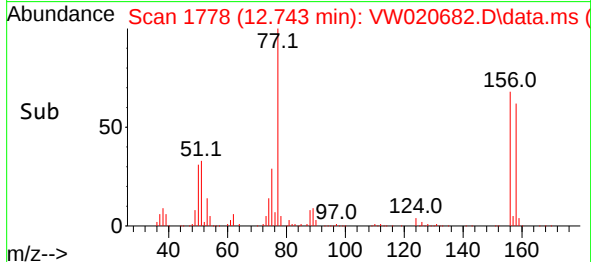
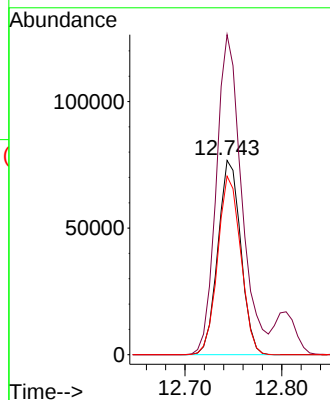
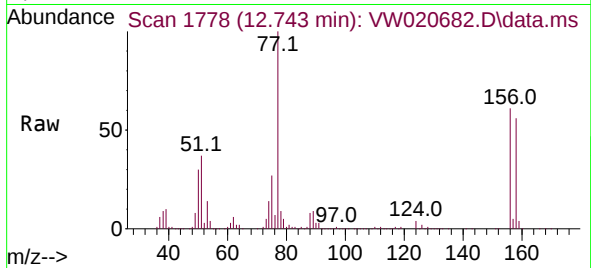
#77
Bromobenzene
Concen: 111.855 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 156 Resp: 125667
Ion Ratio Lower Upper
156 100
77 182.8 91.8 275.6
158 93.0 47.9 143.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

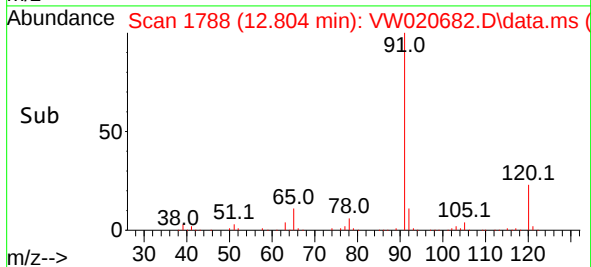
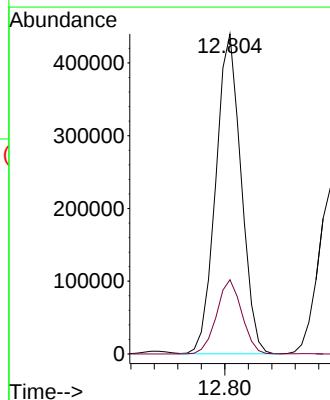
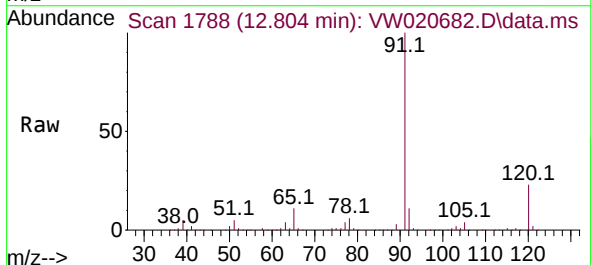
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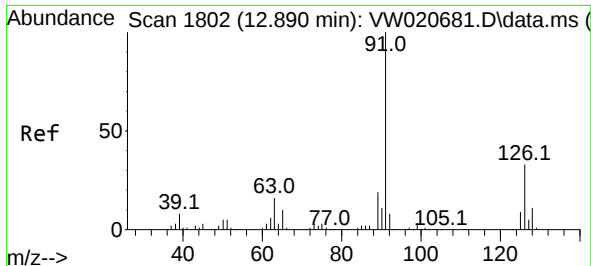
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#78
n-propylbenzene
Concen: 109.889 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 91 Resp: 658186
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





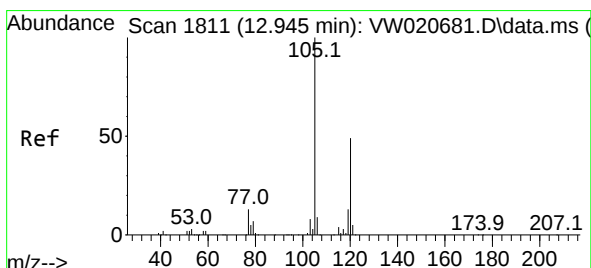
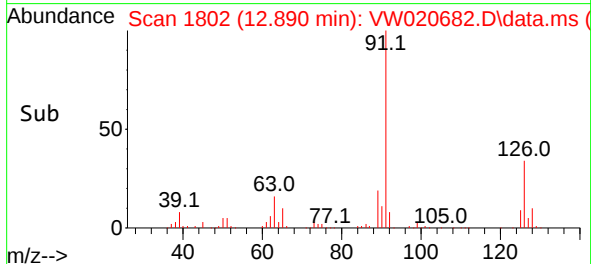
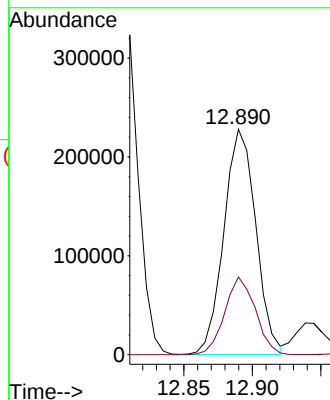
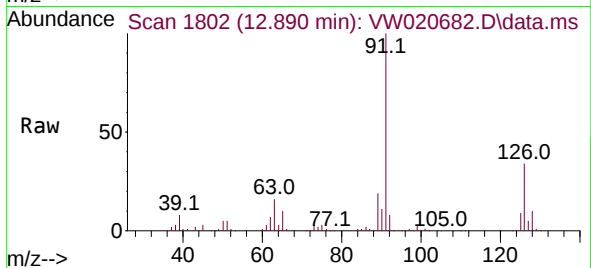
#79
2-Chlorotoluene
Concen: 105.692 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 91 Resp: 369079
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

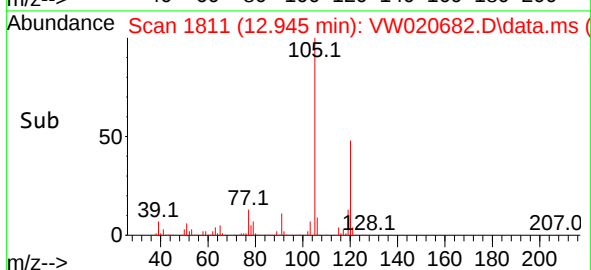
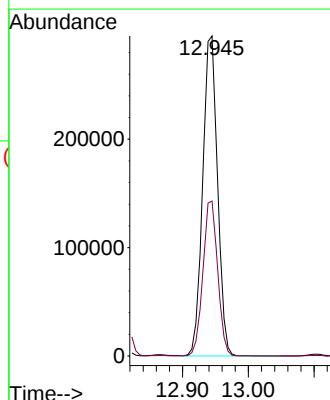
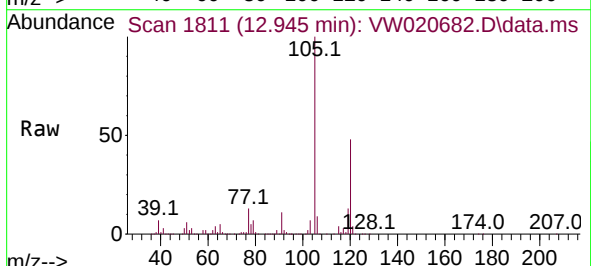
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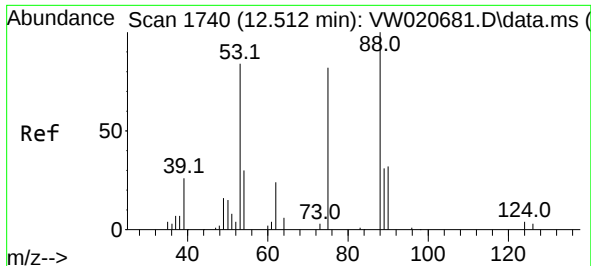
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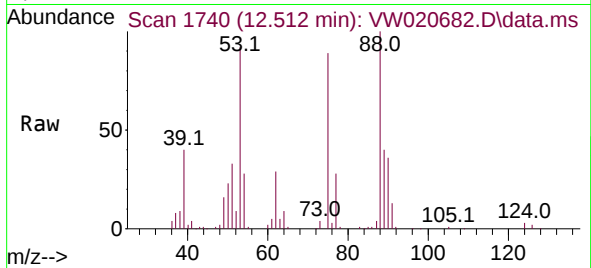
#80
1,3,5-Trimethylbenzene
Concen: 109.877 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion:105 Resp: 461839
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9

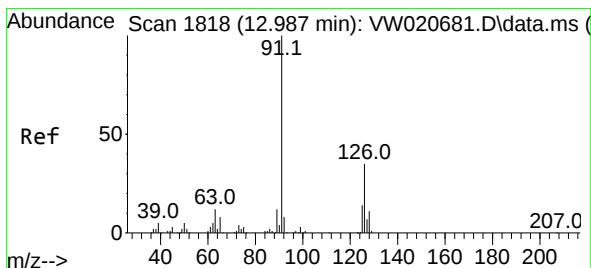
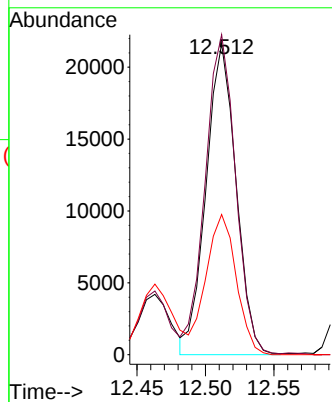
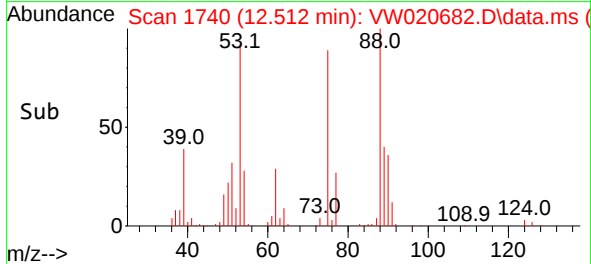




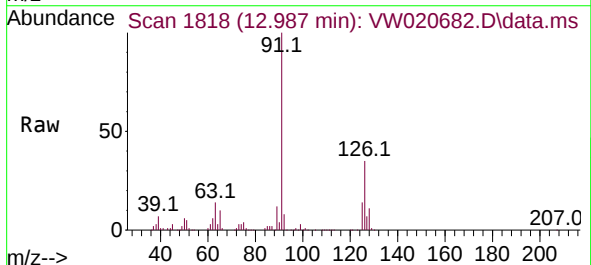
#81
trans-1,4-Dichloro-2-butene
Concen: 121.878 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



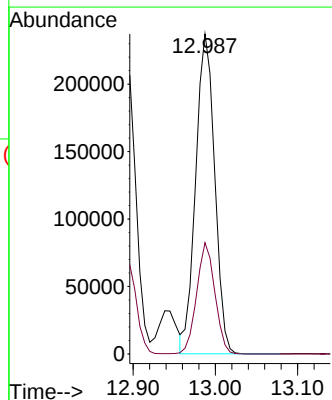
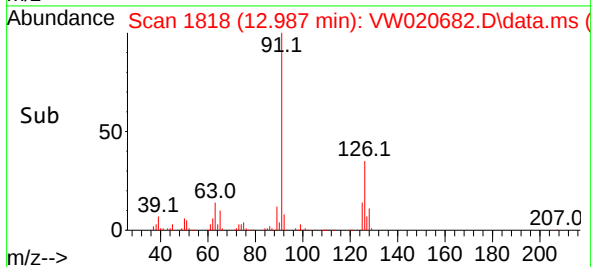
Tgt Ion: 75 Resp: 32912
Ion Ratio Lower Upper
75 100
53 103.9 83.7 125.5
89 45.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 103.881 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



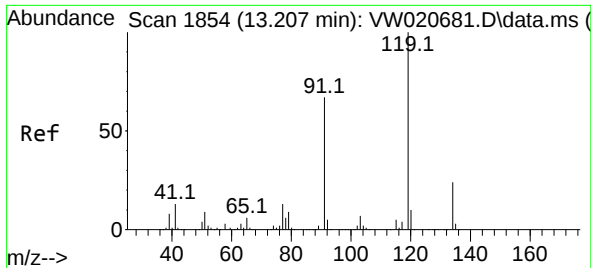
Tgt Ion: 91 Resp: 379699
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

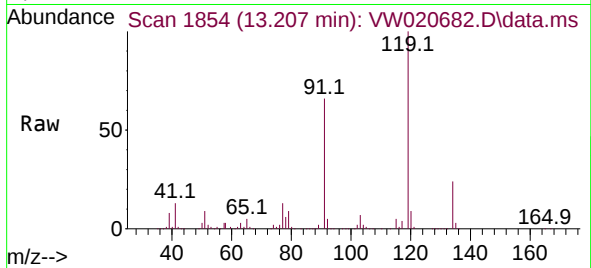
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#83
tert-Butylbenzene
Concen: 113.201 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

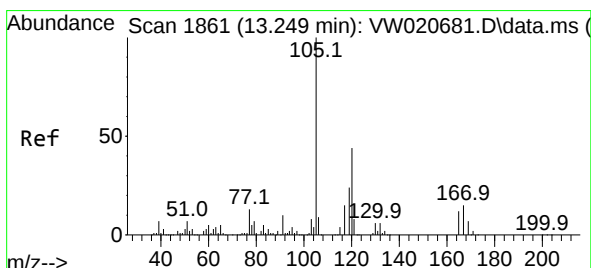
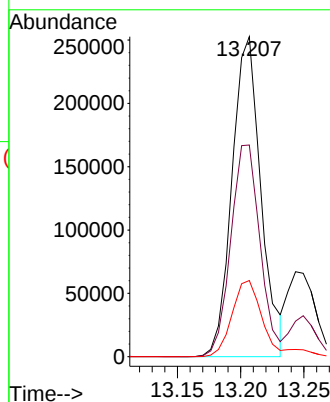
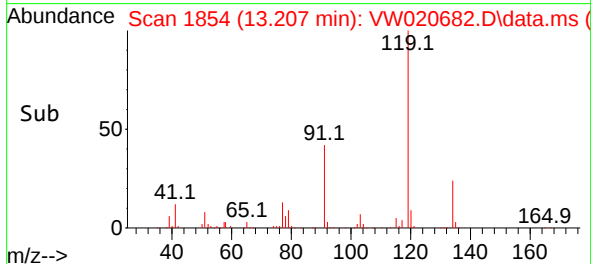
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



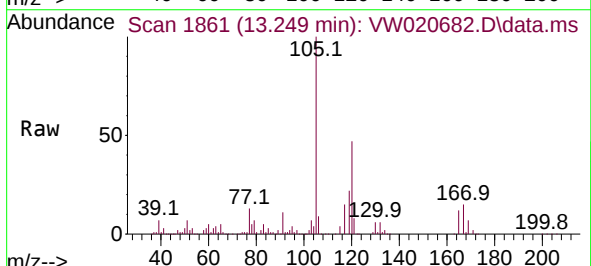
Tgt Ion:119 Resp: 401544
Ion Ratio Lower Upper
119 100
91 67.1 32.9 98.7
134 26.2 12.4 37.2

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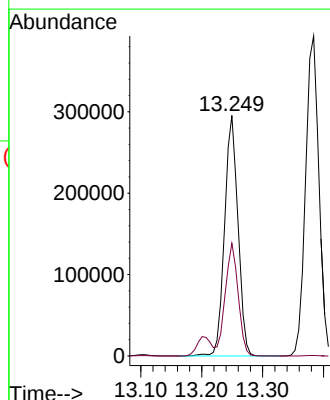
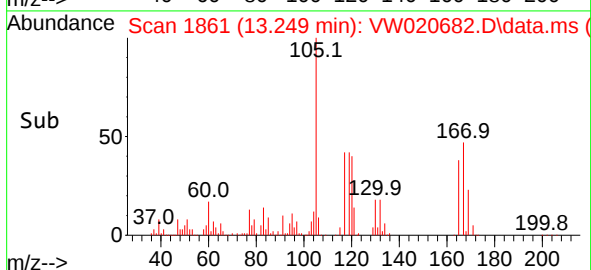
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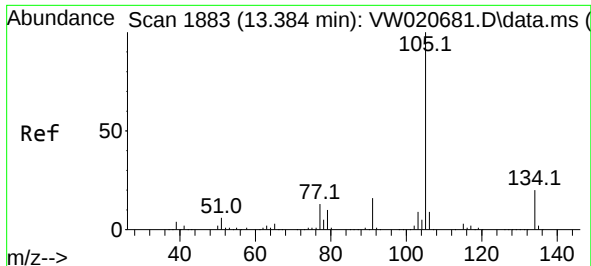


#84
1,2,4-Trimethylbenzene
Concen: 109.895 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion:105 Resp: 450835
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7





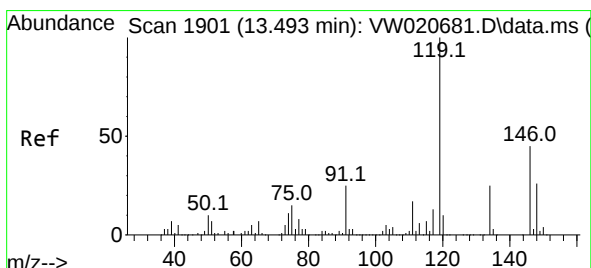
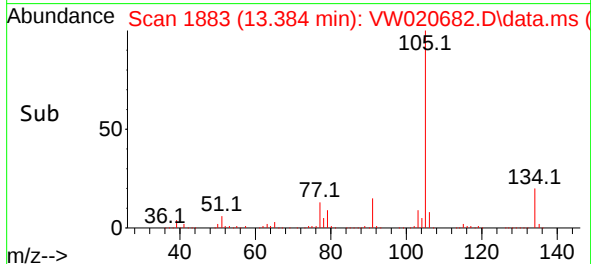
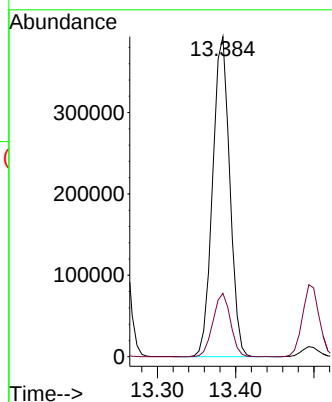
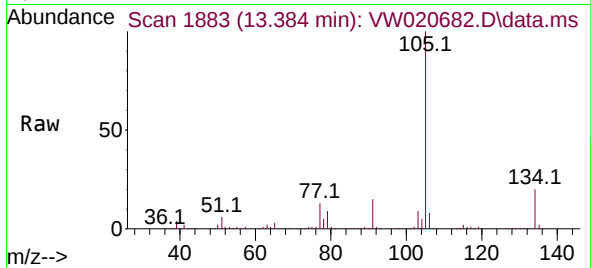
#85
 sec-Butylbenzene
 Concen: 111.529 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW020682.D
 Acq: 22 Oct 2021 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 596990
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

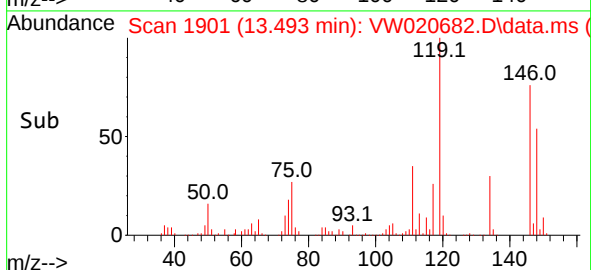
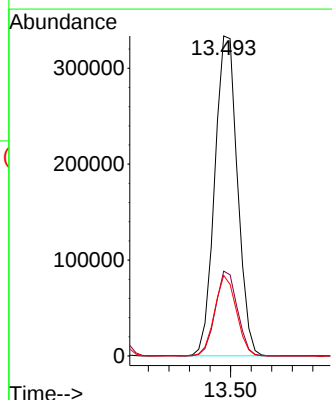
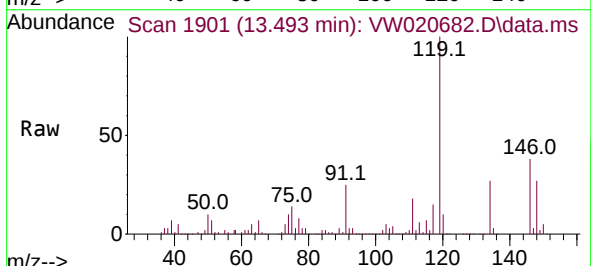
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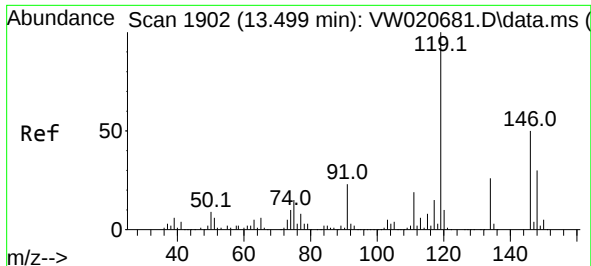
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#86
 p-Isopropyltoluene
 Concen: 113.795 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020682.D
 Acq: 22 Oct 2021 14:24

Tgt Ion:119 Resp: 511094
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 24.1 12.0 36.0





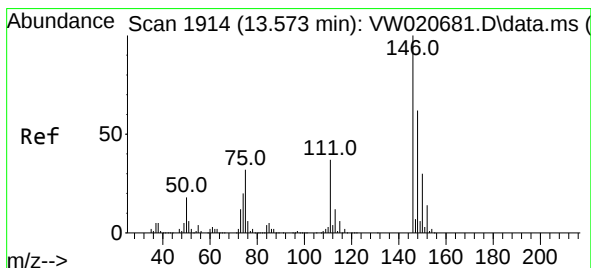
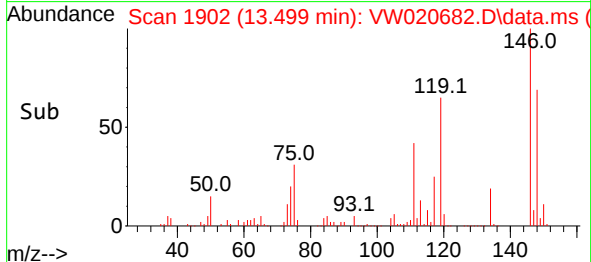
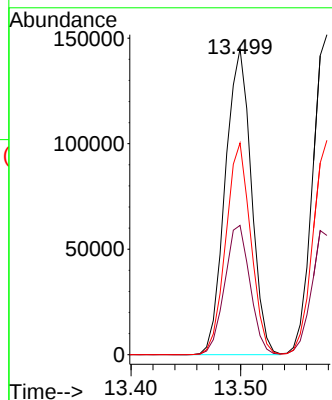
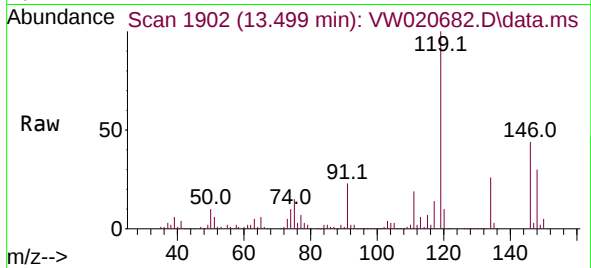
#87
1,3-Dichlorobenzene
Concen: 100.775 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion:146 Resp: 239107
Ion Ratio Lower Upper
146 100
111 41.3 19.4 58.2
148 66.4 30.8 92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

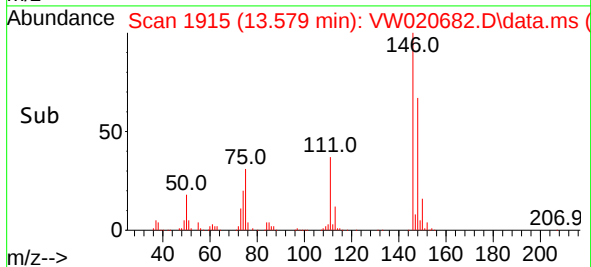
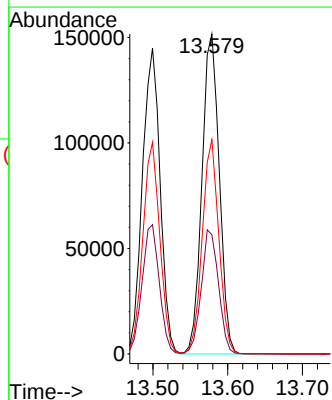
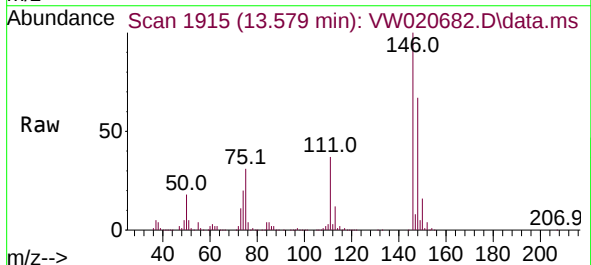
Manual Integrations
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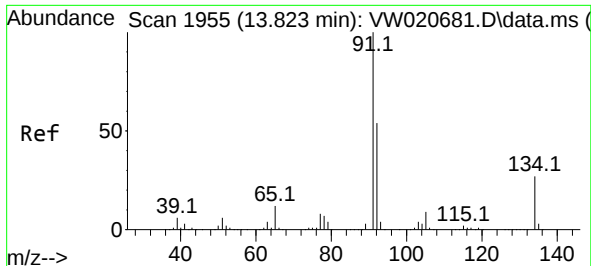
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#88
1,4-Dichlorobenzene
Concen: 103.959 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

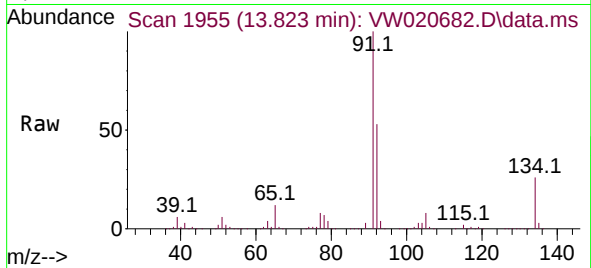
Tgt Ion:146 Resp: 244284
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.4
148 64.1 32.4 97.2





#89
n-Butylbenzene
Concen: 111.207 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

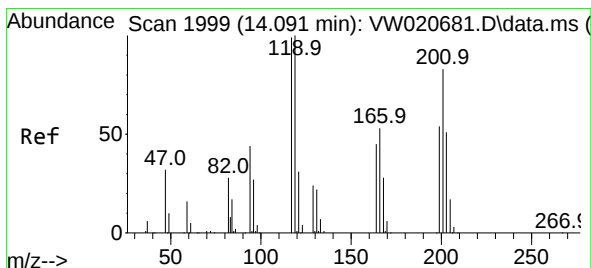
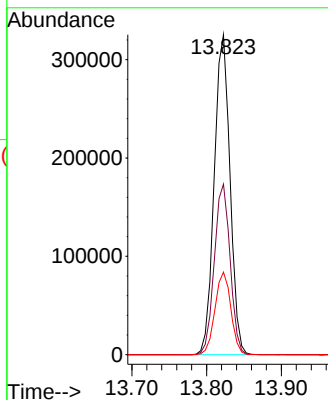
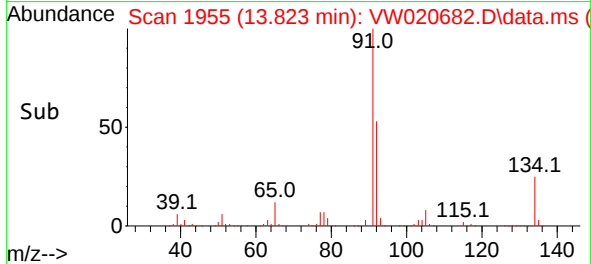
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



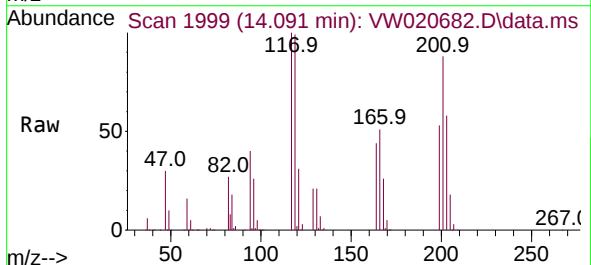
Tgt Ion: 91 Resp: 477640
Ion Ratio Lower Upper
91 100
92 53.4 27.1 81.2
134 25.9 13.4 40.1

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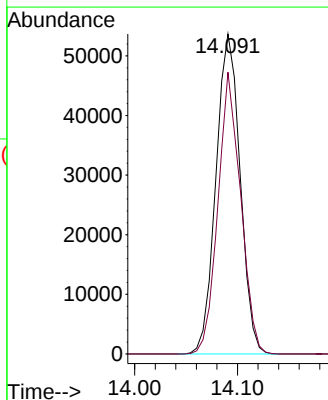
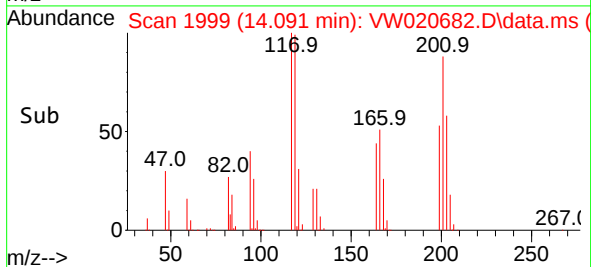
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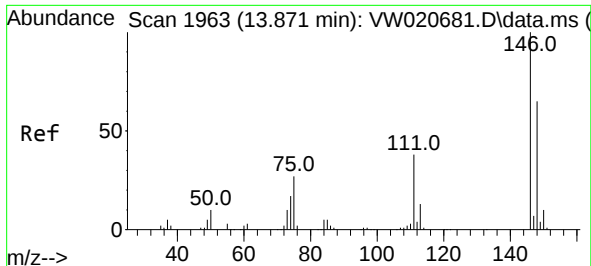


#90
Hexachloroethane
Concen: 103.164 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion: 117 Resp: 87576
Ion Ratio Lower Upper
117 100
201 82.5 42.4 127.3





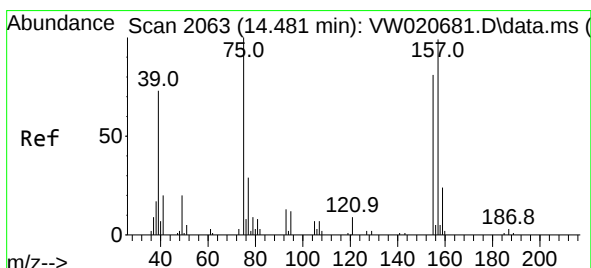
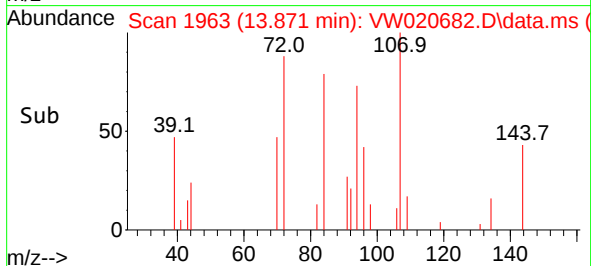
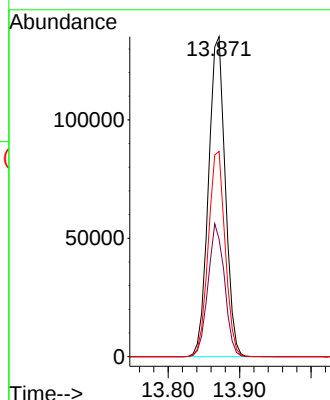
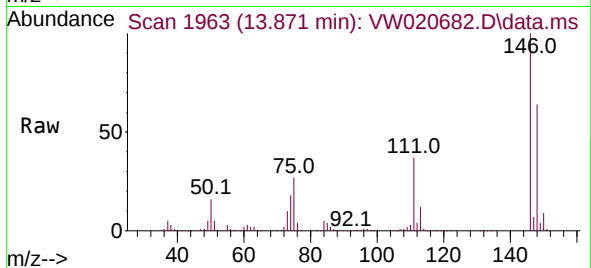
#91
1,2-Dichlorobenzene
Concen: 107.449 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

Tgt Ion: 146 Resp: 219962
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 64.3 32.0 96.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

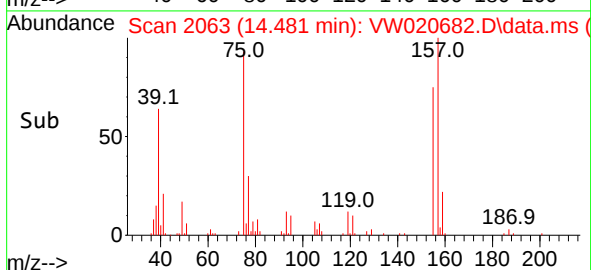
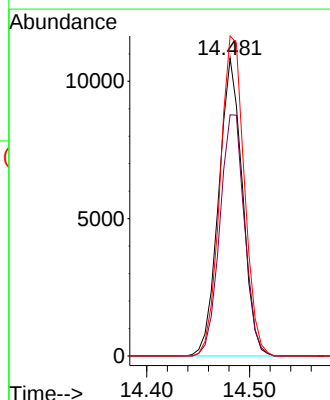
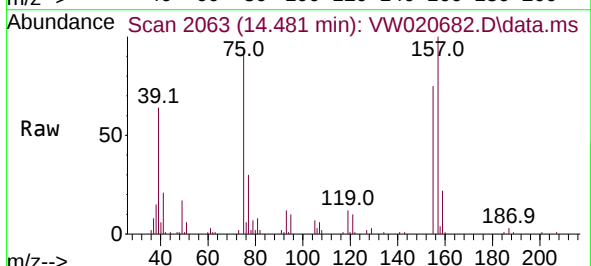
Manual Integrations
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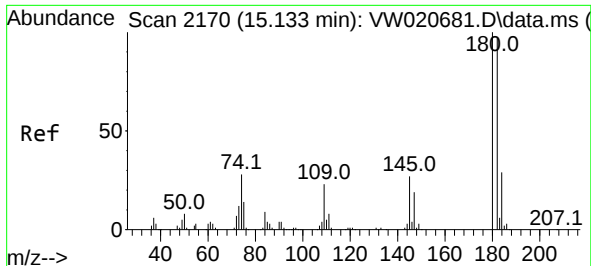
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#92
1,2-Dibromo-3-Chloropropane
Concen: 115.690 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

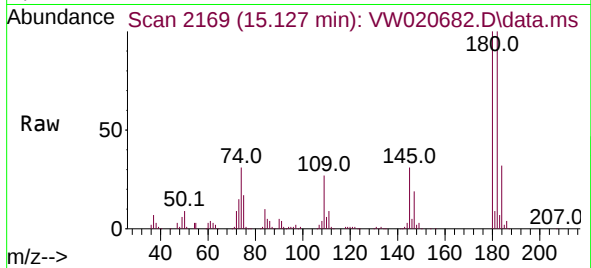
Tgt Ion: 75 Resp: 17292
Ion Ratio Lower Upper
75 100
155 84.3 42.5 127.6
157 110.1 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 116.607 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

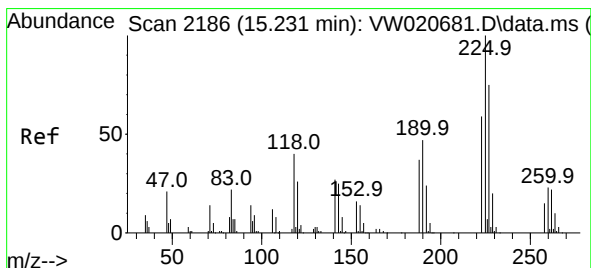
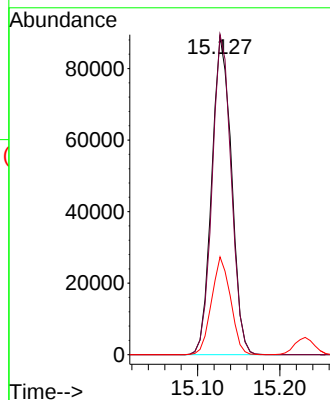
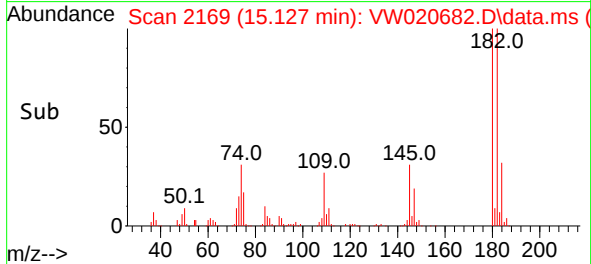
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



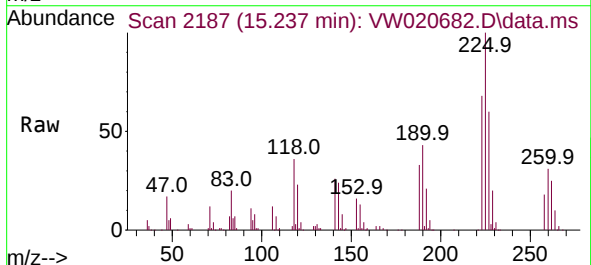
Tgt Ion:180 Resp: 148411
Ion Ratio Lower Upper
180 100
182 97.2 49.4 148.2
145 29.7 15.2 45.6

Manual Integrations
APPROVED

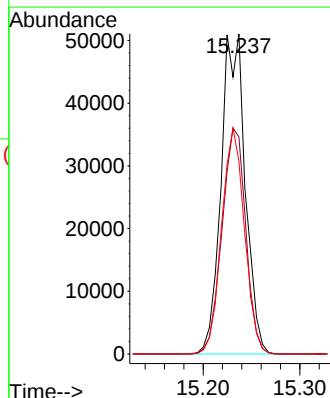
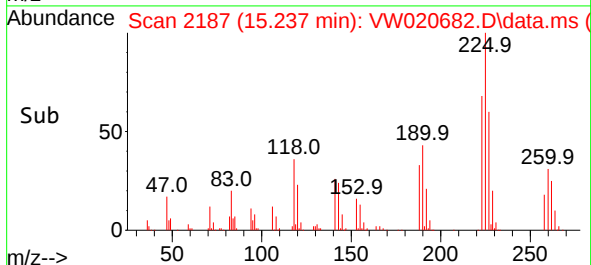
MMDadoda
10/25/2021 11:56:12 AM

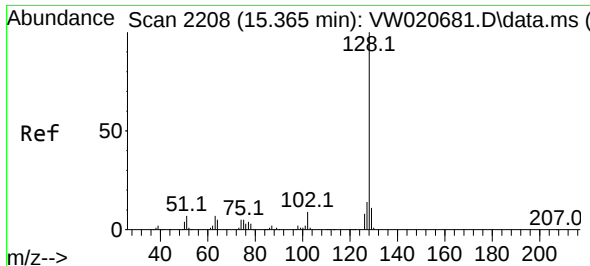


#94
Hexachlorobutadiene
Concen: 115.569 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



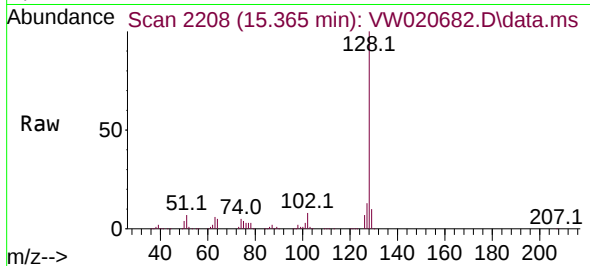
Tgt Ion:225 Resp: 88399
Ion Ratio Lower Upper
225 100
223 69.0 29.8 89.5
227 67.1 32.8 98.4





#95
Naphthalene
Concen: 132.223 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24

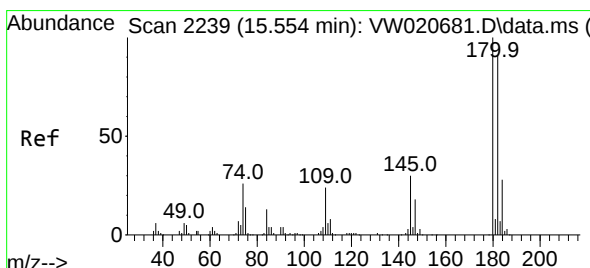
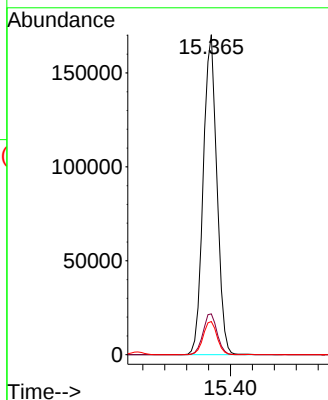
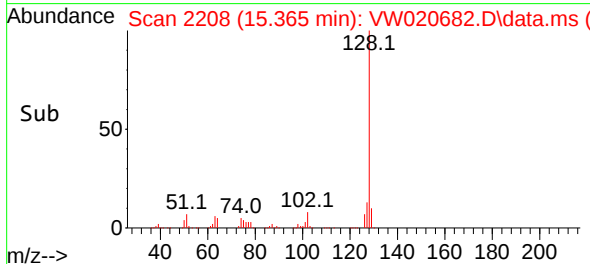
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



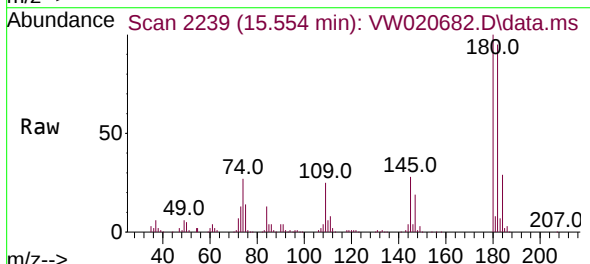
Tgt Ion:128 Resp: 292878
Ion Ratio Lower Upper
128 100
127 13.2 11.1 16.7
129 10.6 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 119.435 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020682.D
Acq: 22 Oct 2021 14:24



Tgt Ion:180 Resp: 133993
Ion Ratio Lower Upper
180 100
182 94.4 46.4 139.2
145 31.1 15.7 47.0

