

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020691.D
 Acq On : 22 Oct 2021 19:13
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 10/25/2021 11:56:26 AM

Quant Time: Oct 23 06:04:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	104745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	145492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	136037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	71199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	51780	44.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.980%		
35) Dibromofluoromethane	7.884	113	44424	46.689	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.380%		
50) Toluene-d8	10.323	98	172128	47.329	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.615	95	64277	48.212	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	14214	43.121	ug/l	94
3) Chloromethane	2.215	50	34054	49.135	ug/l	98
4) Vinyl Chloride	2.355	62	44352	49.888	ug/l	99
5) Bromomethane	2.763	94	24029	45.471	ug/l	96
6) Chloroethane	2.910	64	17728	44.874	ug/l	96
7) Trichlorofluoromethane	3.251	101	29783	46.829	ug/l	98
8) Diethyl Ether	3.684	74	25883	51.013	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	51547	49.381	ug/l	98
10) Methyl Iodide	4.269	142	66554	51.356	ug/l	99
11) Tert butyl alcohol	5.178	59	17756	249.128	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	49012	50.278	ug/l	96
13) Acrolein	3.891	56	13480	211.281	ug/l	97
14) Allyl chloride	4.665	41	79663	50.619	ug/l	98
15) Acrylonitrile	5.367	53	65132	251.663	ug/l	99
16) Acetone	4.123	43	60893	214.100	ug/l	96
17) Carbon Disulfide	4.385	76	144010	50.833	ug/l	99
18) Methyl Acetate	4.672	43	43301	49.310	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	89021	53.237	ug/l	99
20) Methylene Chloride	4.909	84	56315	50.697	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	55099	50.612	ug/l	98
22) Diisopropyl ether	6.318	45	157792	51.241	ug/l	97
23) Vinyl Acetate	6.257	43	469927	260.545	ug/l	98
24) 1,1-Dichloroethane	6.214	63	97885	49.719	ug/l	99
25) 2-Butanone	7.171	43	85242	240.179	ug/l	99
26) 2,2-Dichloropropane	7.171	77	61282	47.561	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	59456	51.248	ug/l	98
28) Bromochloromethane	7.513	49	38147	46.871	ug/l #	100
29) Tetrahydrofuran	7.531	42	55771	256.843	ug/l	99
30) Chloroform	7.677	83	101634	49.493	ug/l	95
31) Cyclohexane	7.952	56	95923	48.566	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	85887	49.456	ug/l	99
36) 1,1-Dichloropropene	8.080	75	82753	52.814	ug/l	99
37) Ethyl Acetate	7.257	43	37325	51.483	ug/l	99
38) Carbon Tetrachloride	8.067	117	80025	51.507	ug/l	95
39) Methylcyclohexane	9.335	83	100752	55.151	ug/l	96
40) Benzene	8.323	78	222555	51.903	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	21134	50.037	ug/l	91
42) 1,2-Dichloroethane	8.403	62	71207	51.584	ug/l	100
43) Isopropyl Acetate	8.427	43	70432	52.345	ug/l	98
44) Trichloroethene	9.092	130	61573	52.835	ug/l	98
45) 1,2-Dichloropropane	9.372	63	53281	51.835	ug/l	98
46) Dibromomethane	9.457	93	30411	52.664	ug/l	100
47) Bromodichloromethane	9.646	83	73705	51.781	ug/l	99
48) Methyl methacrylate	9.439	41	35776	55.262	ug/l	95
49) 1,4-Dioxane	9.451	88	8944	1165.387	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	192455	263.078	ug/l	100
52) Toluene	10.390	92	142644	52.955	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	76541	52.843	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	85847	52.314	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	41726	51.863	ug/l	97
56) Ethyl methacrylate	10.646	69	57222	55.323	ug/l	99
57) 1,3-Dichloropropane	10.933	76	73367	52.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	120650	258.794	ug/l	98
59) 2-Hexanone	10.969	43	135128	261.069	ug/l	100
60) Dibromochloromethane	11.128	129	49707	52.407	ug/l	98
61) 1,2-Dibromoethane	11.231	107	41134	52.840	ug/l	99
64) Tetrachloroethene	10.866	164	56394	53.391	ug/l #	84
65) Chlorobenzene	11.658	112	151252	51.651	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	54906	51.723	ug/l	98
67) Ethyl Benzene	11.731	91	281027	52.998	ug/l	99
68) m/p-Xylenes	11.835	106	214695	104.721	ug/l	99
69) o-Xylene	12.164	106	100986	53.449	ug/l	98
70) Styrene	12.182	104	174618	53.950	ug/l	100
71) Bromoform	12.347	173	31515	50.638	ug/l #	98
73) Isopropylbenzene	12.463	105	281697	54.926	ug/l	100
74) N-amyl acetate	12.268	43	68407	54.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	49370	51.383	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	40190m	50.950	ug/l	
77) Bromobenzene	12.743	156	63315	51.468	ug/l	98
78) n-propylbenzene	12.804	91	342394	54.358	ug/l	100
79) 2-Chlorotoluene	12.890	91	192373	53.090	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	242499	54.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	16264	52.966	ug/l	98
82) 4-Chlorotoluene	12.987	91	201701	52.922	ug/l	99
83) tert-Butylbenzene	13.201	119	212851	55.641	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	240069	54.710	ug/l	100
85) sec-Butylbenzene	13.383	105	319649	55.702	ug/l	100
86) p-Isopropyltoluene	13.493	119	269451	55.198	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	127699	50.441	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	128908	50.990	ug/l	99
89) n-Butylbenzene	13.822	91	247956	54.772	ug/l	100
90) Hexachloroethane	14.091	117	45808	53.767	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	115987	51.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8905	51.348	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	78697	52.764	ug/l	95
94) Hexachlorobutadiene	15.231	225	54584	56.515	ug/l	96
95) Naphthalene	15.359	128	148065	55.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	69059	51.136	ug/l	97

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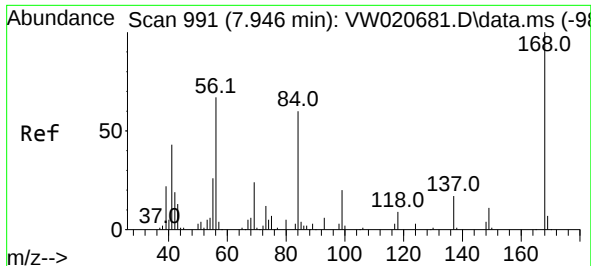
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



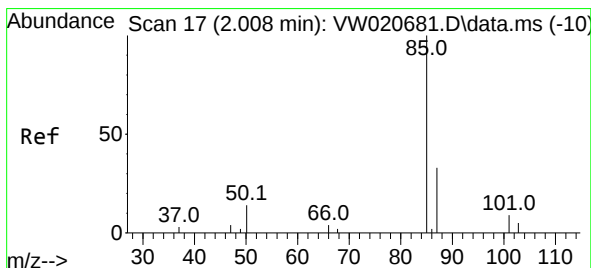
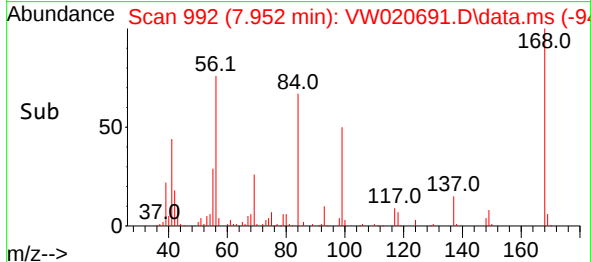
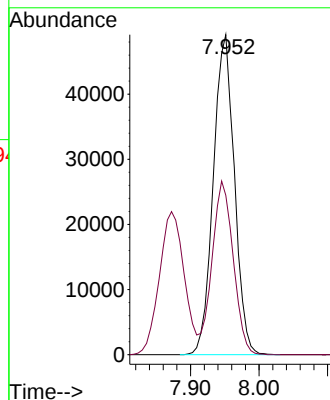
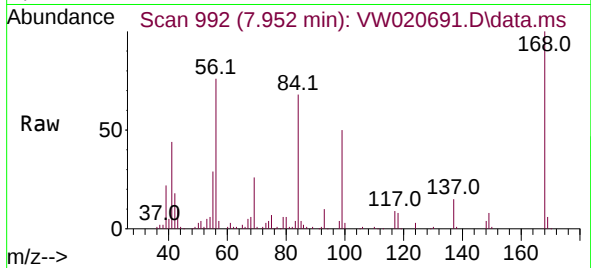
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 168 Resp: 104745
Ion Ratio Lower Upper
168 100
99 49.8 45.4 68.0

Instrument :
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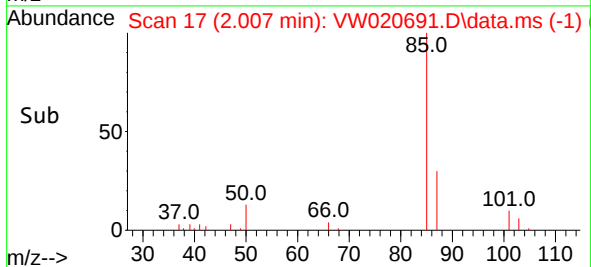
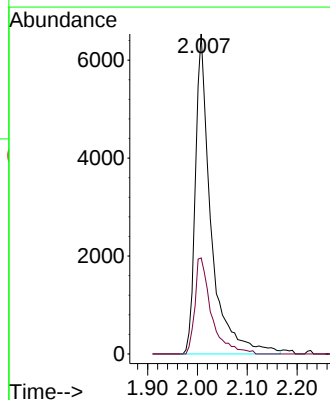
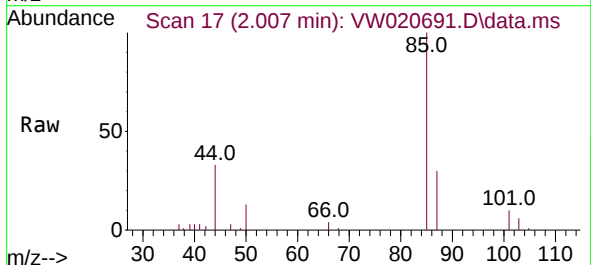
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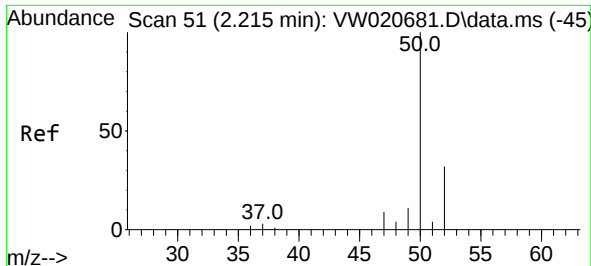
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#2
Dichlorodifluoromethane
Concen: 43.121 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

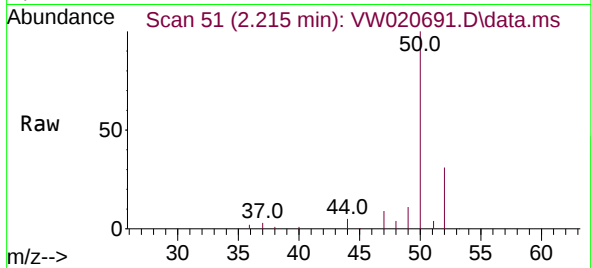
Tgt Ion: 85 Resp: 14214
Ion Ratio Lower Upper
85 100
87 30.0 16.7 50.0



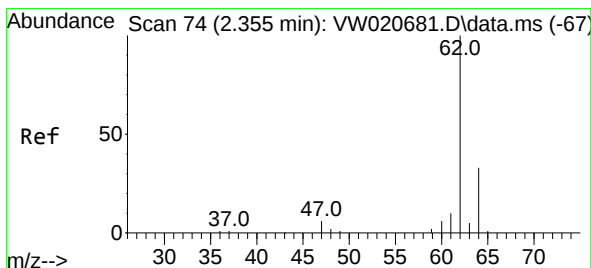
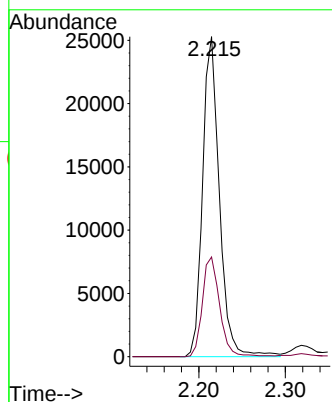
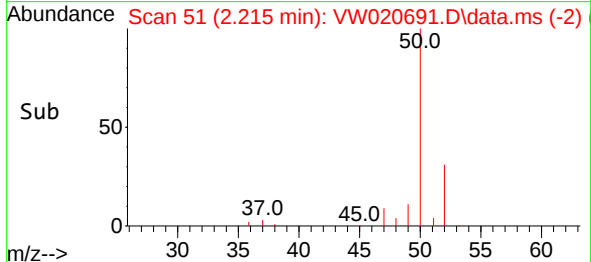


#3
Chloromethane
Concen: 49.135 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

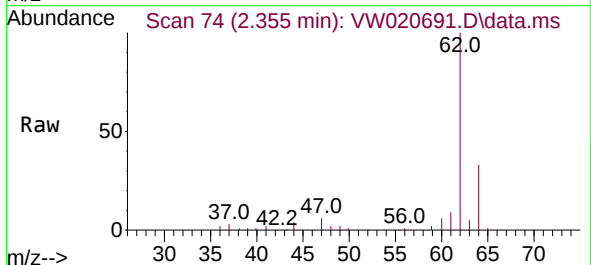
Instrument :
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ClientSampleId :
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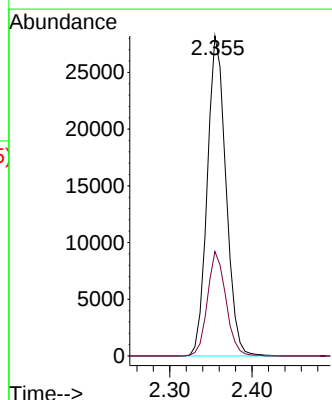
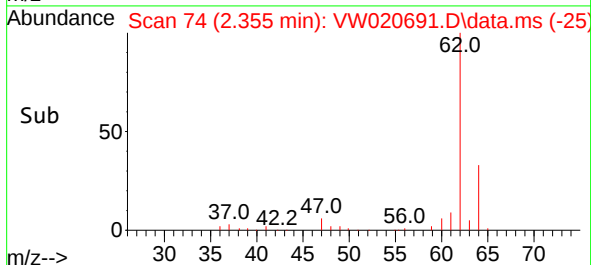
Tgt Ion: 50 Resp: 34054
Ion Ratio Lower Upper
50 100
52 31.2 25.9 38.9

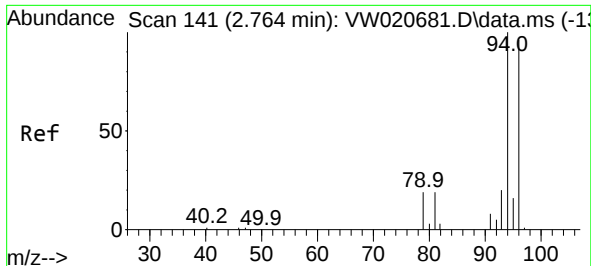


#4
Vinyl Chloride
Concen: 49.888 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



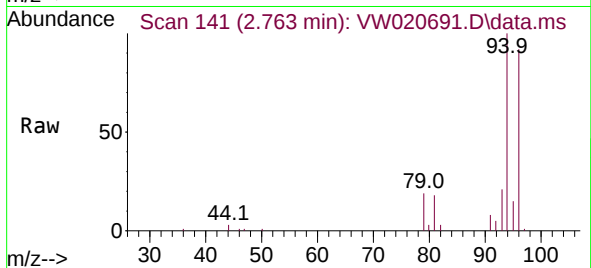
Tgt Ion: 62 Resp: 44352
Ion Ratio Lower Upper
62 100
64 32.6 26.6 40.0





#5
Bromomethane
Concen: 45.471 ug/l
RT: 2.763 min Scan# 141
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

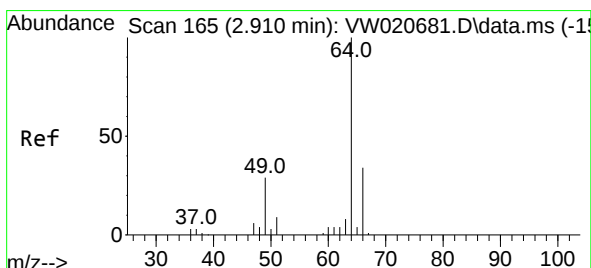
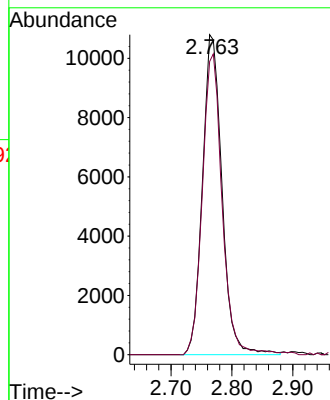
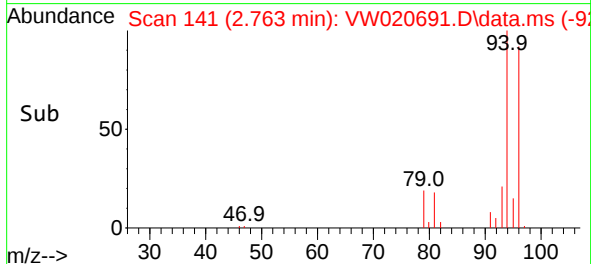
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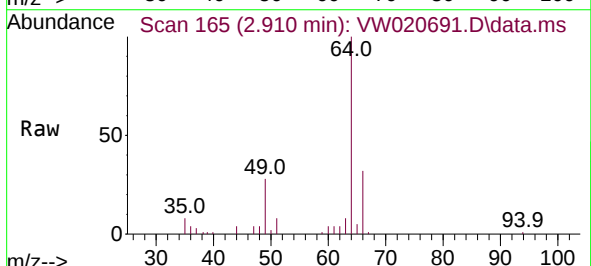
Tgt Ion: 94 Resp: 24029
Ion Ratio Lower Upper
94 100
96 91.6 76.7 115.1

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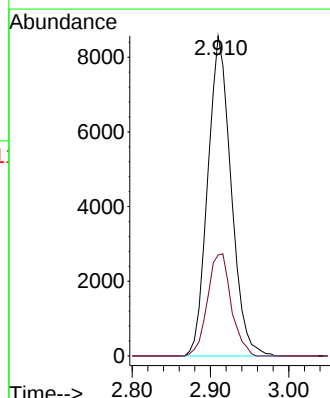
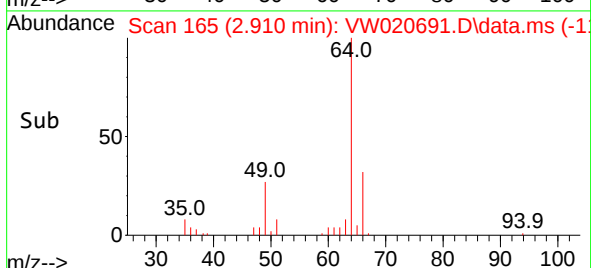
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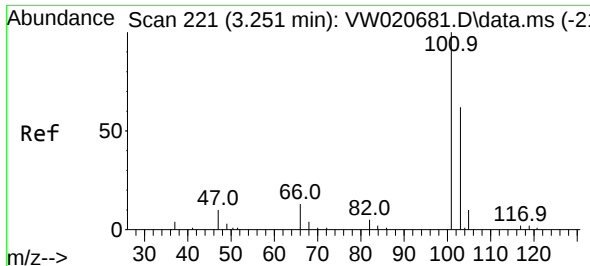


#6
Chloroethane
Concen: 44.874 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



Tgt Ion: 64 Resp: 17728
Ion Ratio Lower Upper
64 100
66 31.6 27.0 40.4





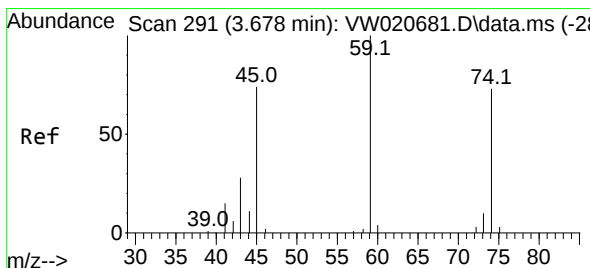
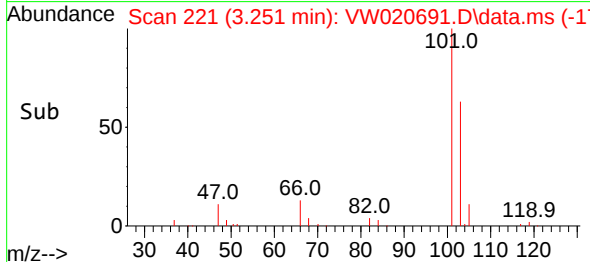
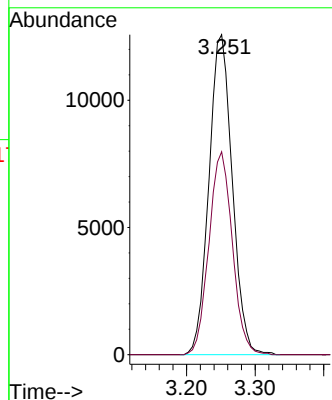
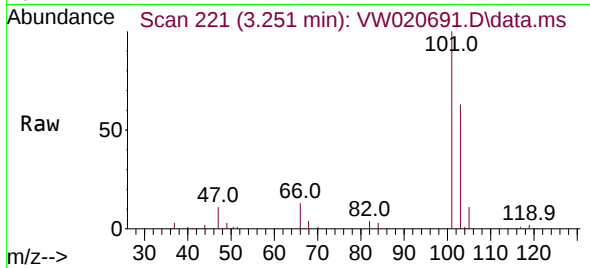
#7
 Trichlorofluoromethane
 Concen: 46.829 ug/l
 RT: 3.251 min Scan# 221
 Delta R.T. -0.000 min
 Lab File: VW020691.D
 Acq: 22 Oct 2021 19:13

Tgt Ion:101 Resp: 29783
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.4 74.0

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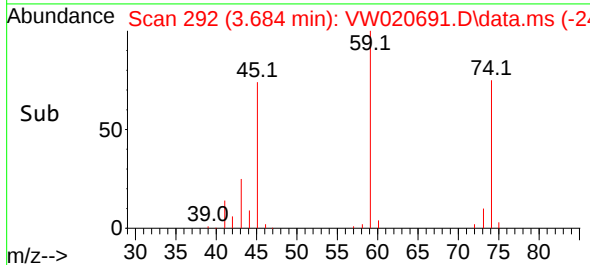
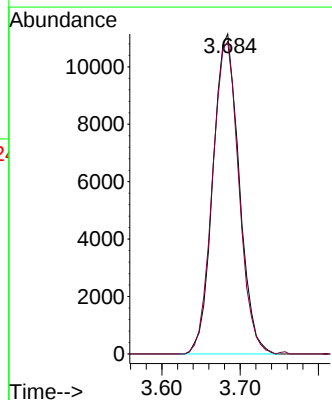
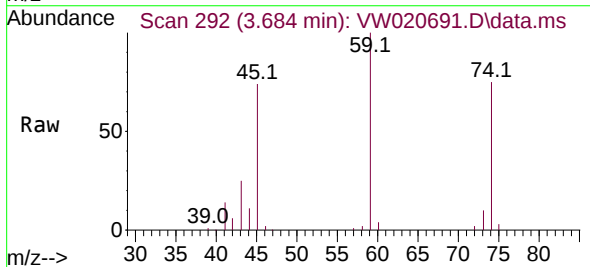
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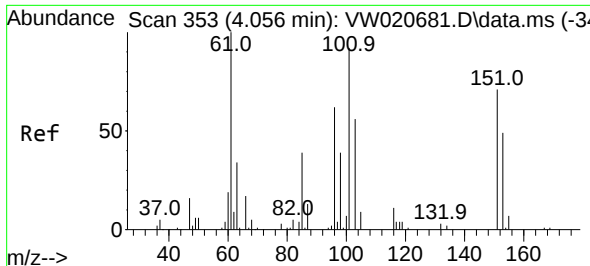
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#8
 Diethyl Ether
 Concen: 51.013 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.006 min
 Lab File: VW020691.D
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Tgt Ion: 74 Resp: 25883
 Ion Ratio Lower Upper
 74 100
 45 98.3 50.0 150.1





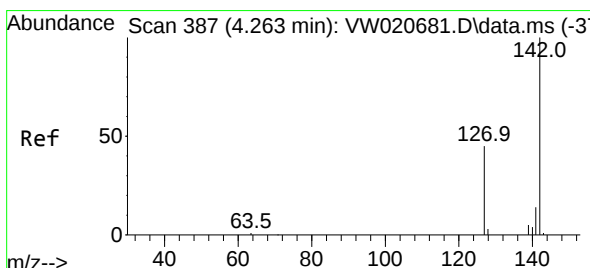
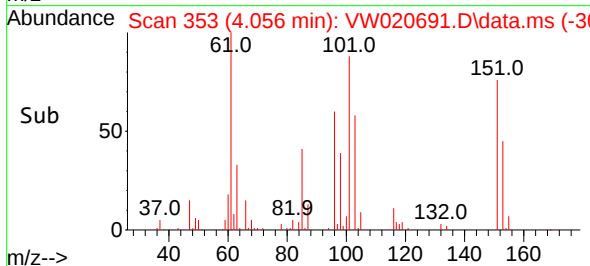
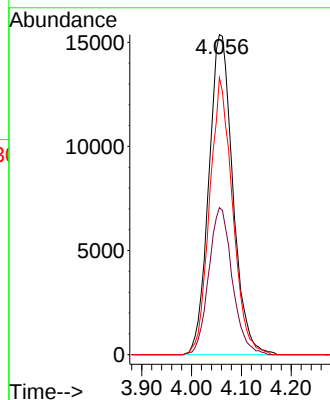
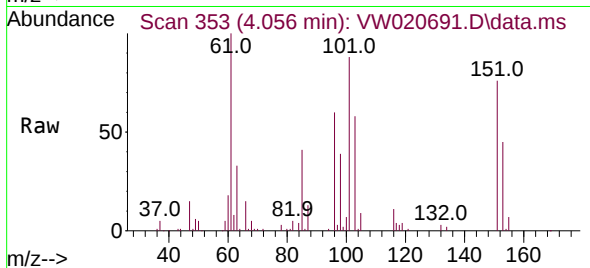
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.381 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:	101	Resp:	51547
Ion	Ratio	Lower	Upper
101	100		
85	45.0	34.9	52.3
151	82.2	64.5	96.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

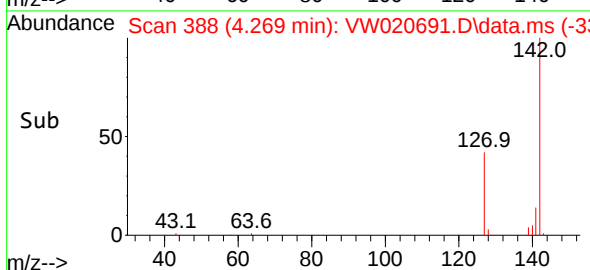
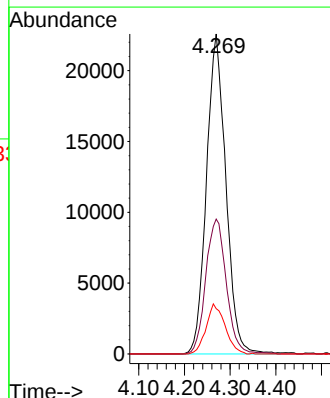
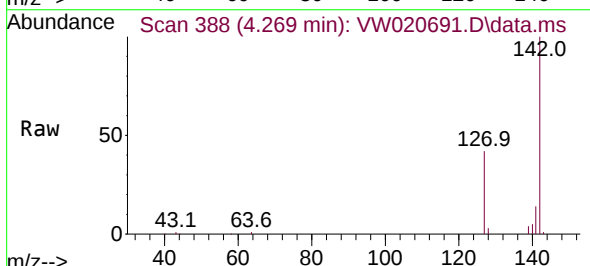
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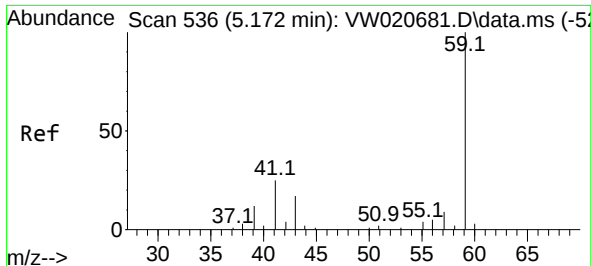
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#10
Methyl Iodide
Concen: 51.356 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:	142	Resp:	66554
Ion	Ratio	Lower	Upper
142	100		
127	44.8	35.8	53.6
141	15.3	11.8	17.6





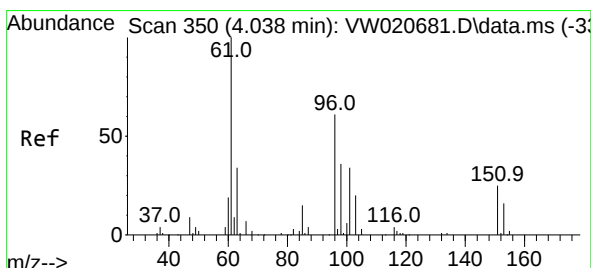
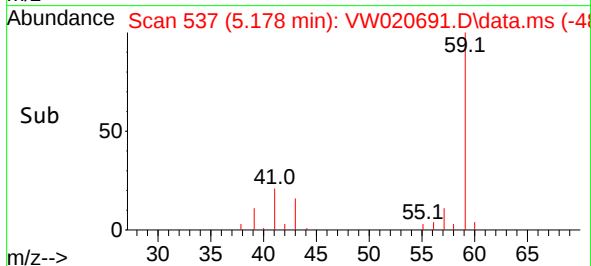
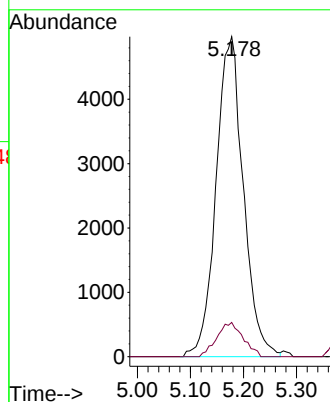
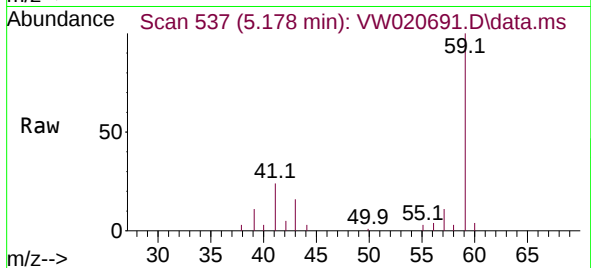
#11
Tert butyl alcohol
Concen: 249.128 ug/l
RT: 5.178 min Scan# 537
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 17756
Ion Ratio Lower Upper
59 100
57 10.3 4.2 6.2#

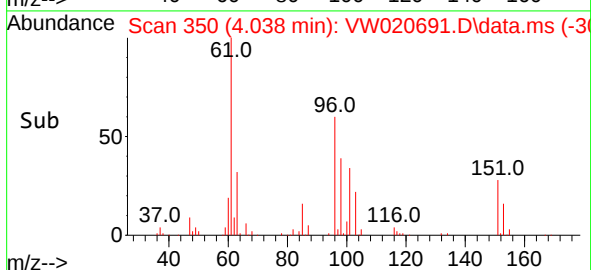
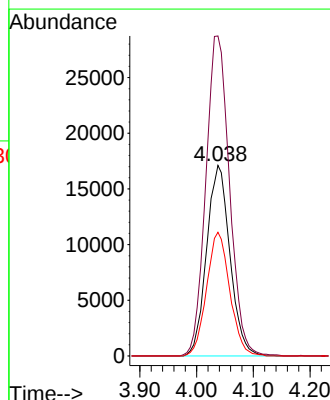
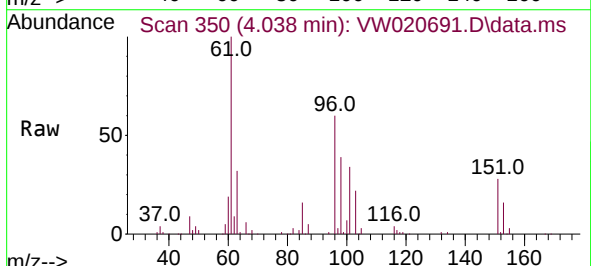
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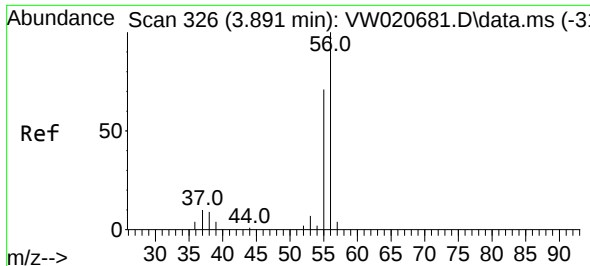
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#12
1,1-Dichloroethene
Concen: 50.278 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 96 Resp: 49012
Ion Ratio Lower Upper
96 100
61 167.9 131.0 196.6
98 64.9 47.8 71.6





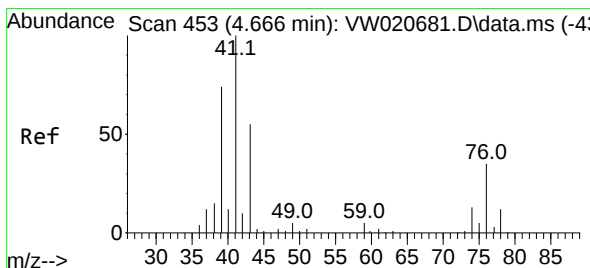
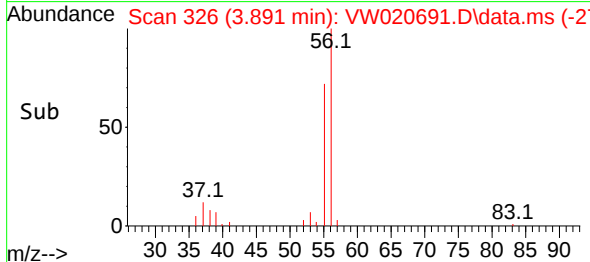
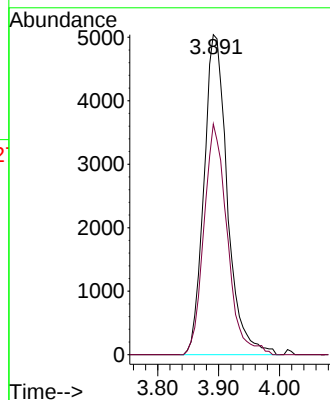
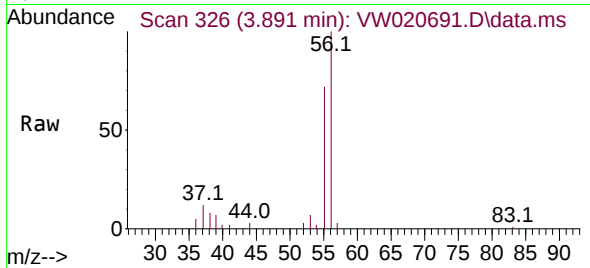
#13
Acrolein
Concen: 211.281 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 56 Resp: 13480
Ion Ratio Lower Upper
56 100
55 71.7 55.5 83.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

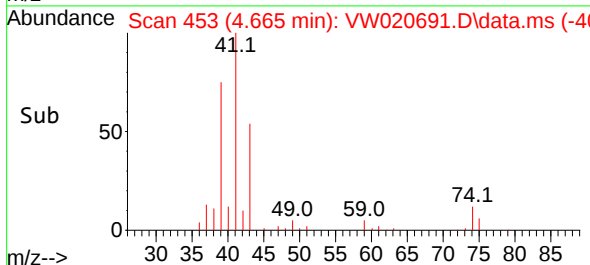
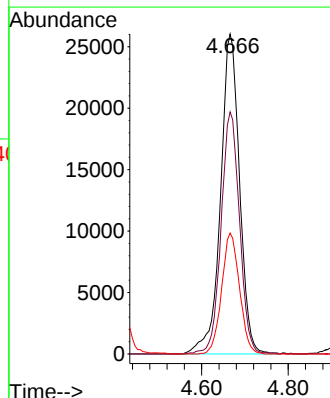
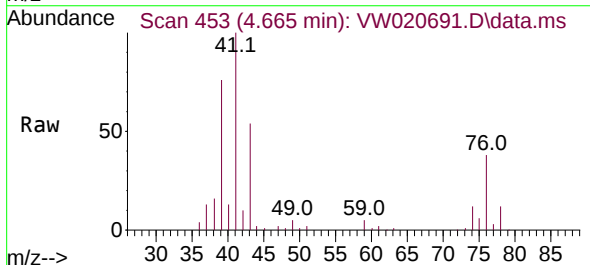
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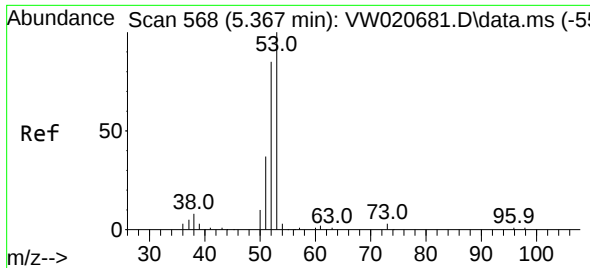
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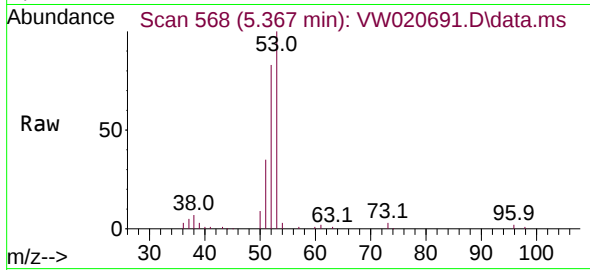
#14
Allyl chloride
Concen: 50.619 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 41 Resp: 79663
Ion Ratio Lower Upper
41 100
39 73.2 57.1 85.7
76 35.4 27.1 40.7

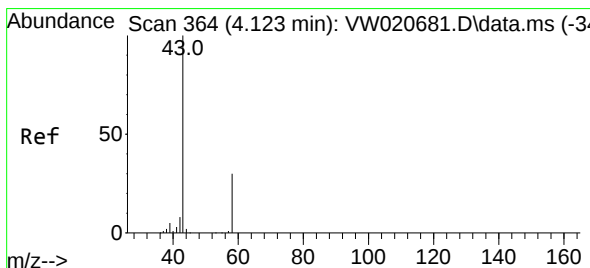
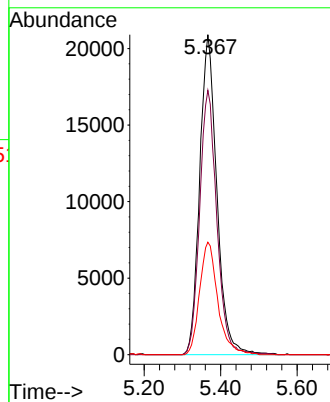
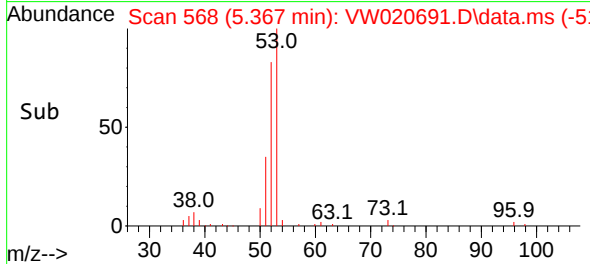




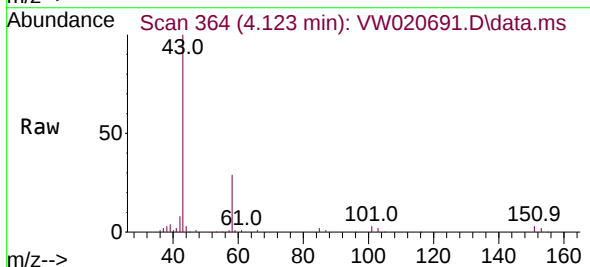
#15
Acrylonitrile
Concen: 251.663 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



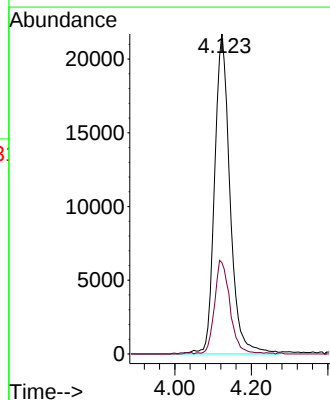
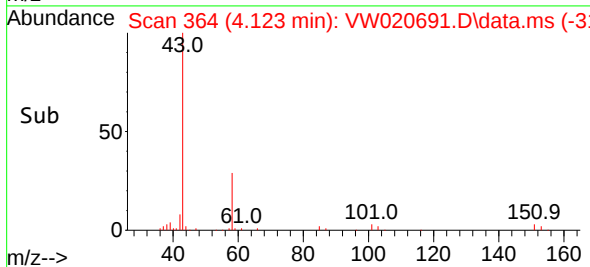
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.8	100.2
51	37.4	30.1	45.1



#16
Acetone
Concen: 214.100 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



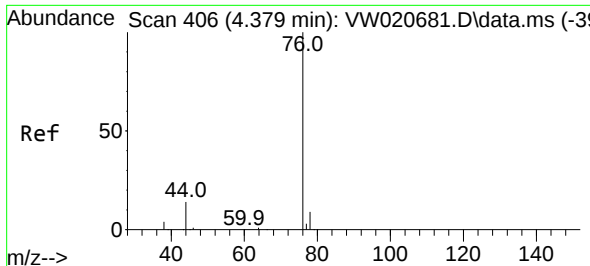
Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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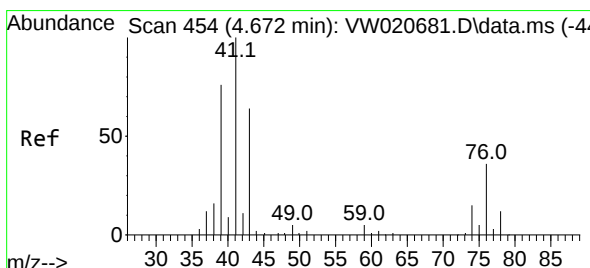
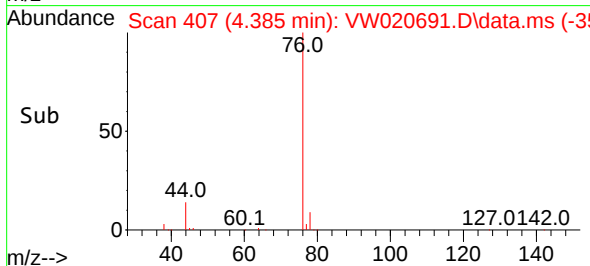
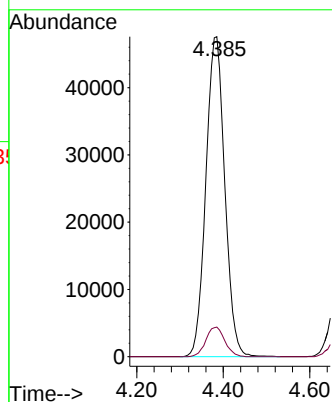
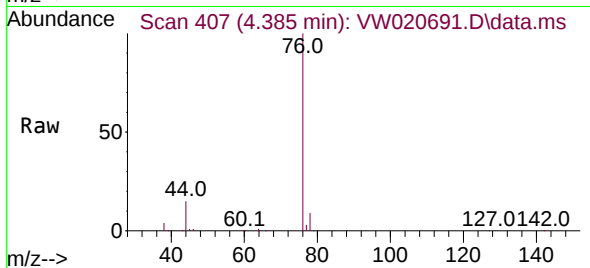
#17
Carbon Disulfide
Concen: 50.833 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 76 Resp: 144010
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

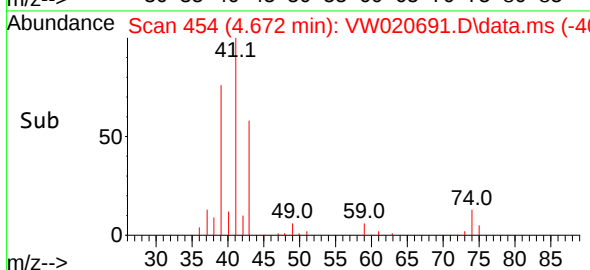
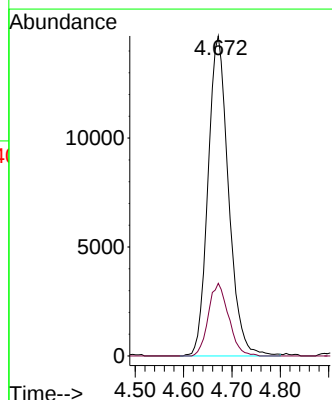
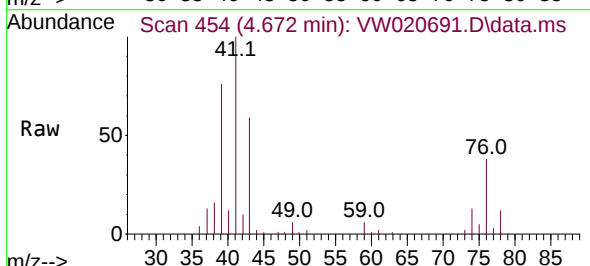
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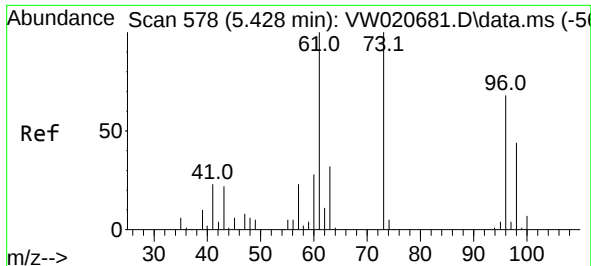
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#18
Methyl Acetate
Concen: 49.310 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 43301
Ion Ratio Lower Upper
43 100
74 22.4 18.7 28.1





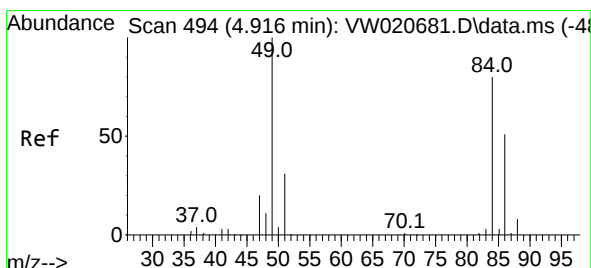
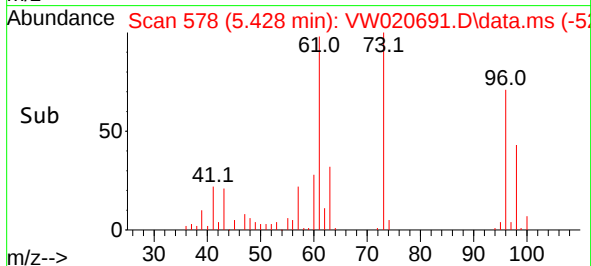
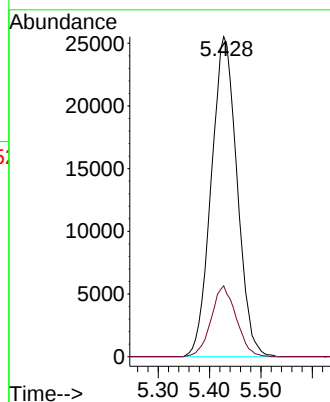
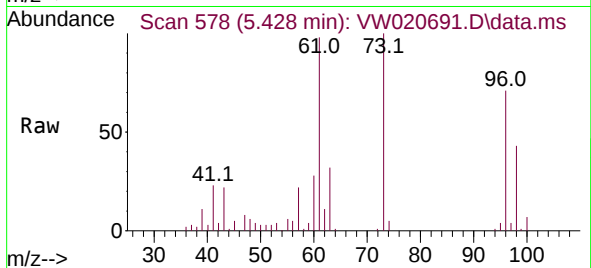
#19
Methyl tert-butyl Ether
Concen: 53.237 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 73 Resp: 89021
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

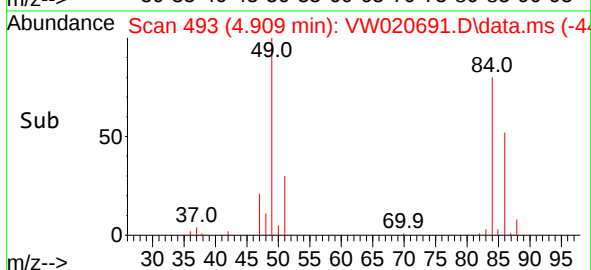
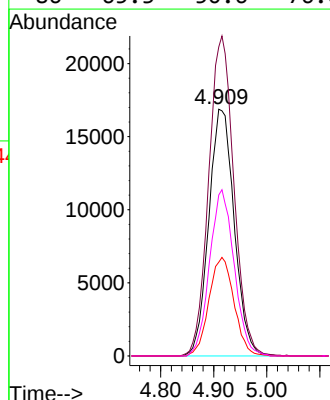
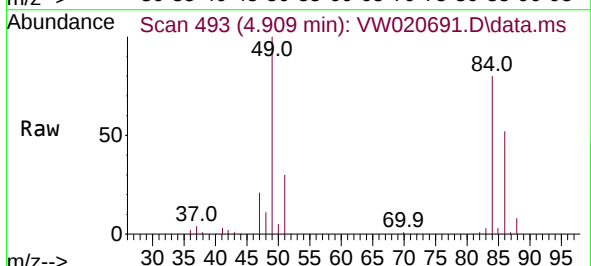
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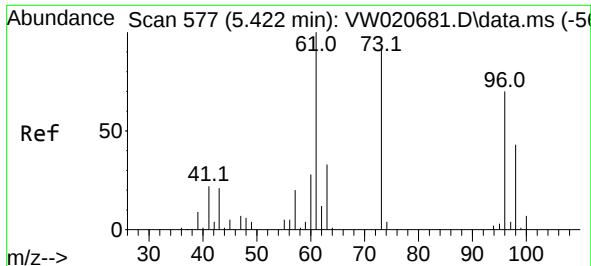
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#20
Methylene Chloride
Concen: 50.697 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.007 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 84 Resp: 56315
Ion Ratio Lower Upper
84 100
49 125.2 100.0 150.0
51 38.0 30.8 46.2
86 65.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.612 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

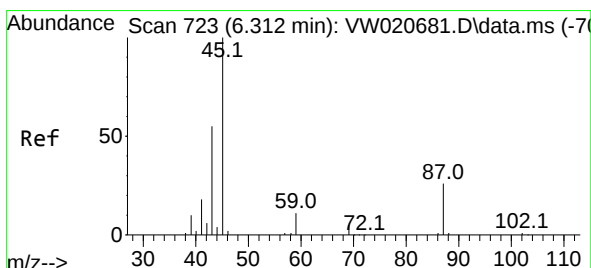
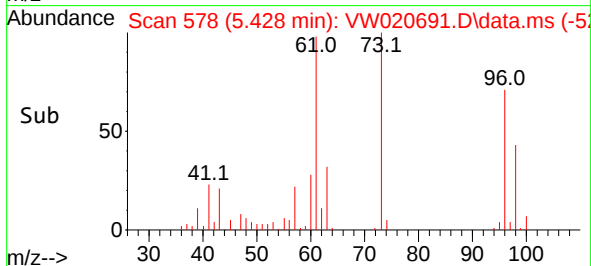
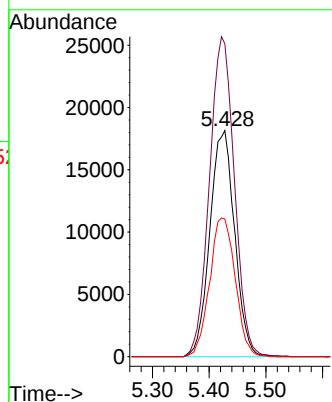
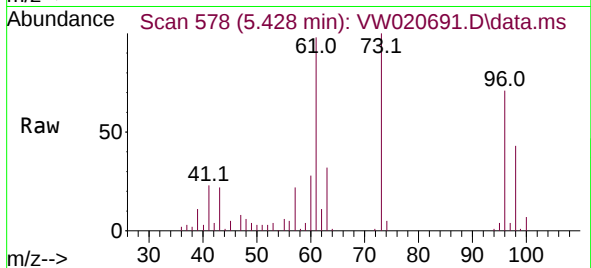
Tgt Ion: 96 Resp: 55099

Ion	Ratio	Lower	Upper
96	100		
61	138.4	113.5	170.3
98	60.9	48.6	72.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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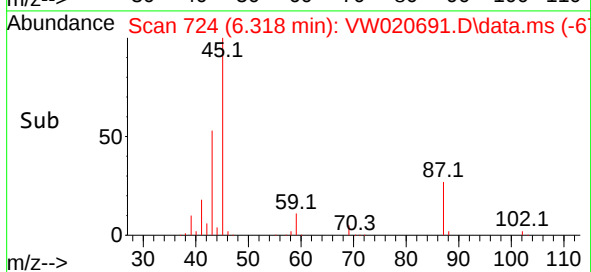
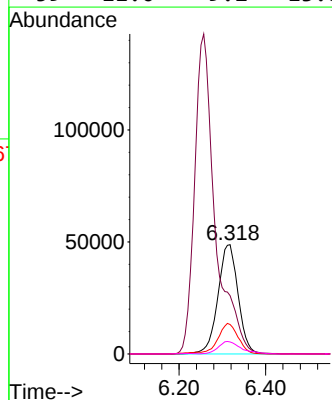
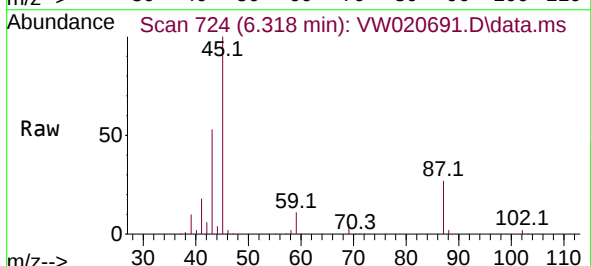
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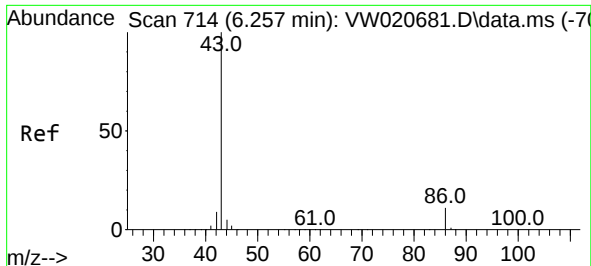


#22
Diisopropyl ether
Concen: 51.241 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 45 Resp: 157792

Ion	Ratio	Lower	Upper
45	100		
43	53.0	45.1	67.7
87	27.0	21.2	31.8
59	11.0	9.2	13.8





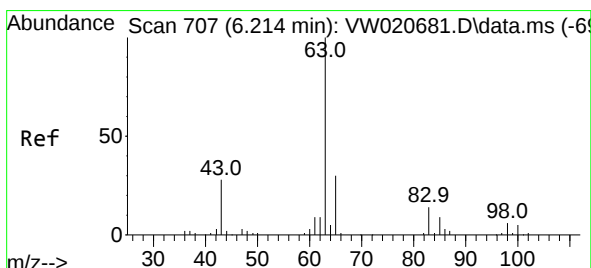
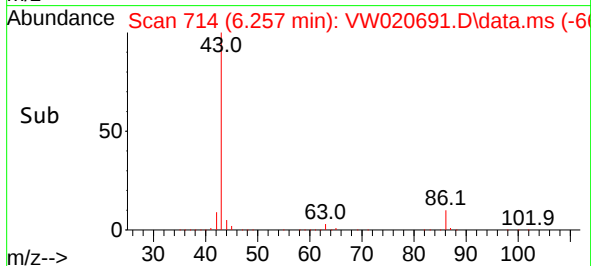
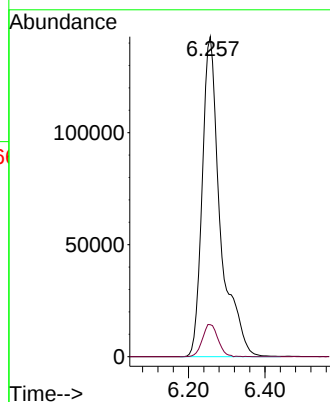
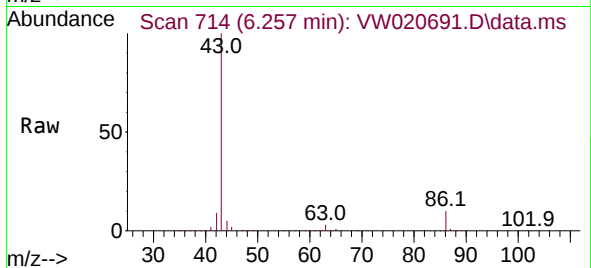
#23
 Vinyl Acetate
 Concen: 260.545 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW020691.D
 Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 469927
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

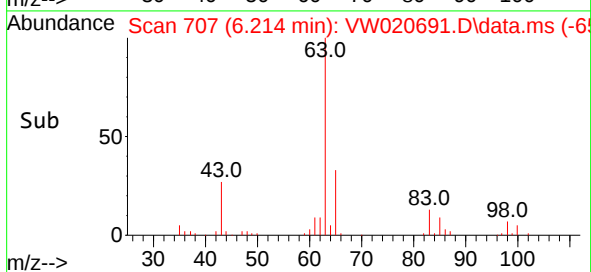
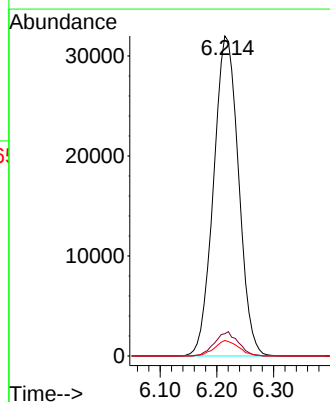
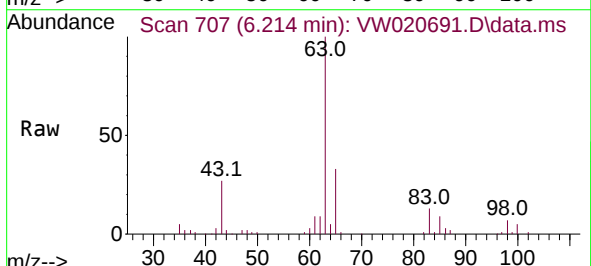
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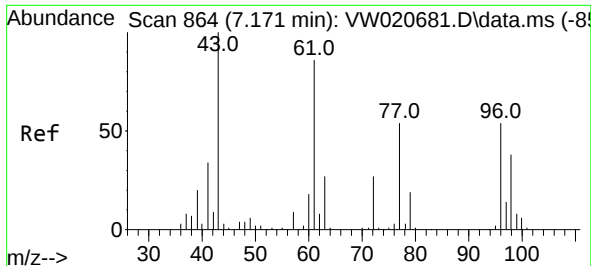
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#24
 1,1-Dichloroethane
 Concen: 49.719 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020691.D
 Acq: 22 Oct 2021 19:13

Tgt Ion: 63 Resp: 97885
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.2 9.6
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 240.179 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020691.D

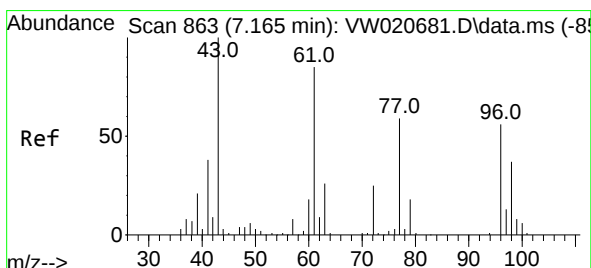
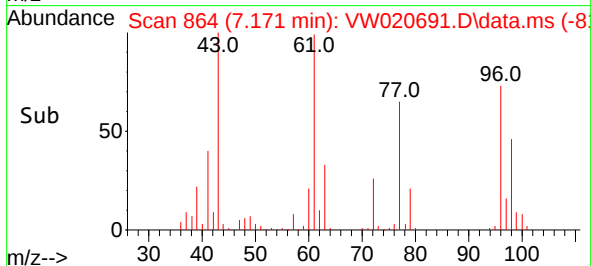
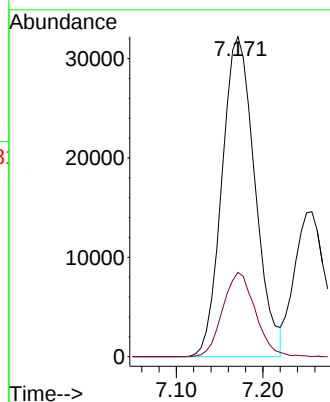
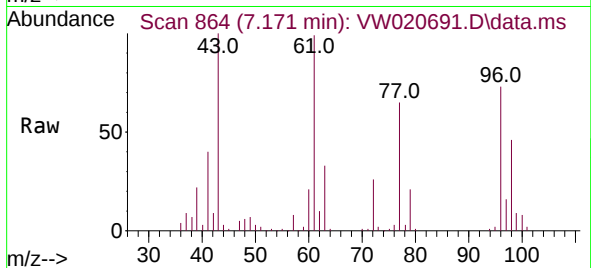
Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 85242

Ion Ratio Lower Upper

43 100

72 26.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.561 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020691.D

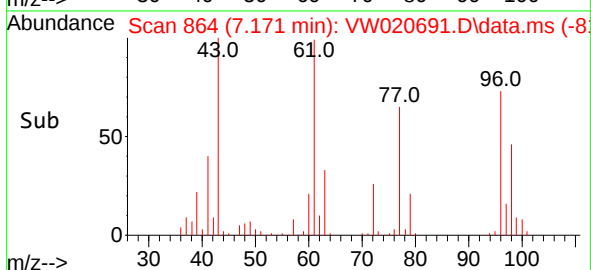
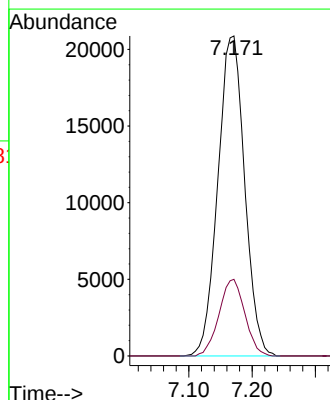
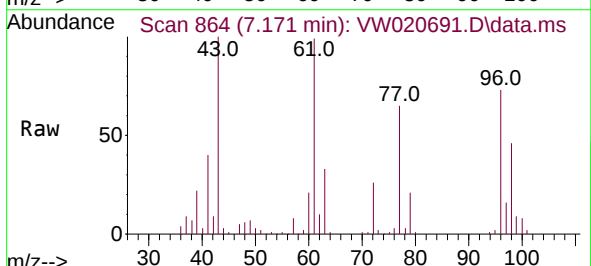
Acq: 22 Oct 2021 19:13

Tgt Ion: 77 Resp: 61282

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2



Instrument :

MSVOA_W

ClientSampleId :

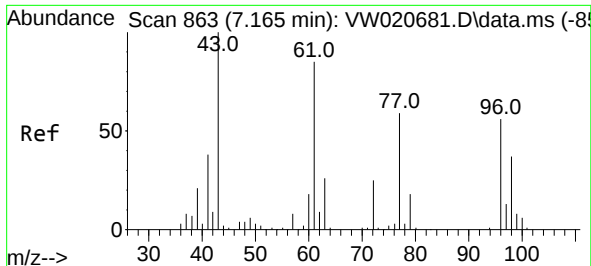
VSTDCCC050EC

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#27

cis-1,2-Dichloroethene

Concen: 51.248 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020691.D

Acq: 22 Oct 2021 19:13

Tgt Ion:	96	Resp:	59456
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	298.0
98	64.8	0.0	129.4

Instrument :

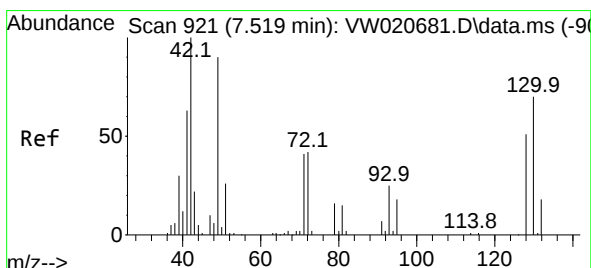
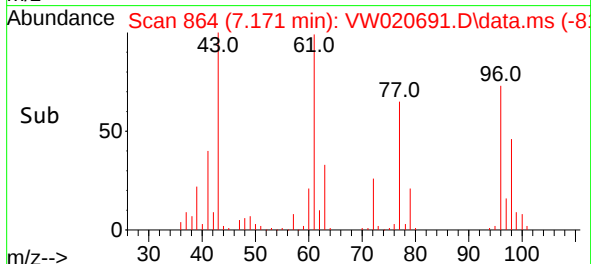
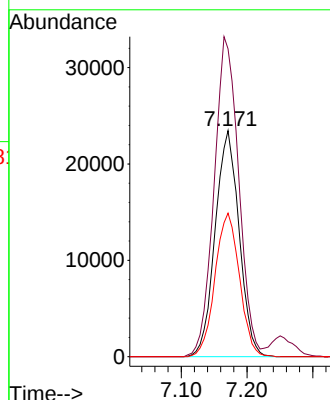
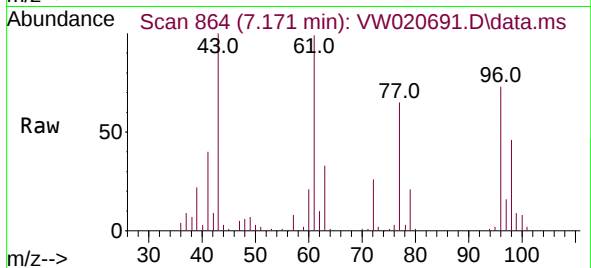
MSVOA_W

ClientSampleId :

VSTDCCC050EC

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#28

Bromochloromethane

Concen: 46.871 ug/l

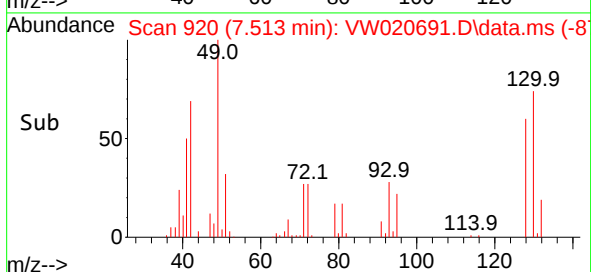
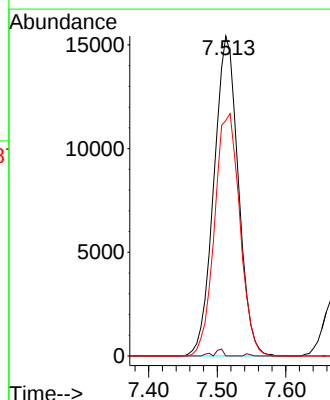
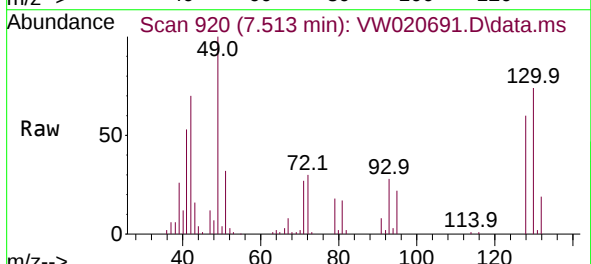
RT: 7.513 min Scan# 920

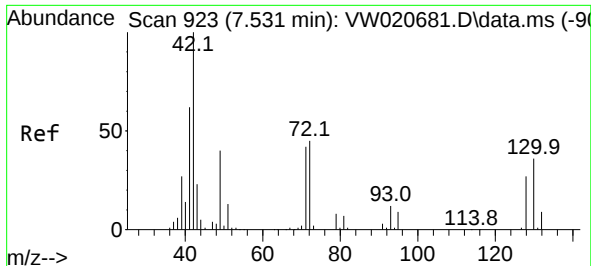
Delta R.T. -0.006 min

Lab File: VW020691.D

Acq: 22 Oct 2021 19:13

Tgt Ion:	49	Resp:	38147
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	0.0#
130	78.5	63.0	94.6





#29

Tetrahydrofuran

Concen: 256.843 ug/l

RT: 7.531 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW020691.D

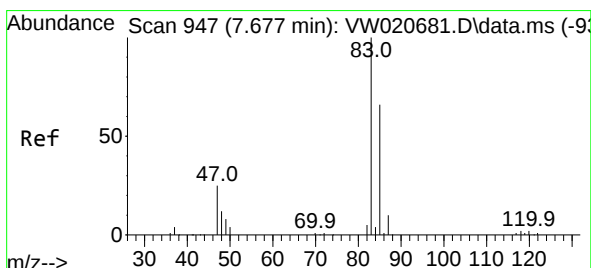
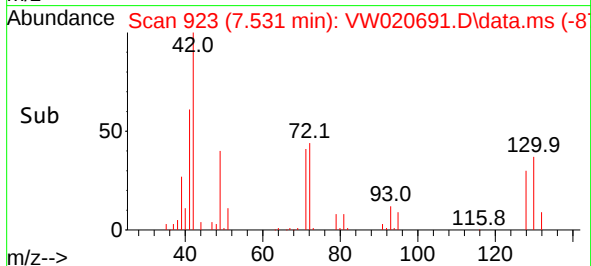
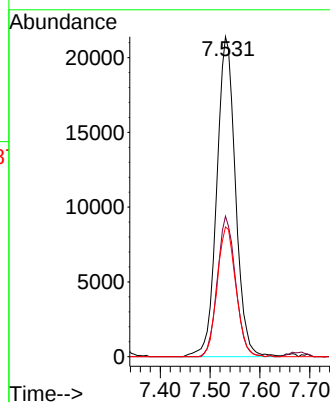
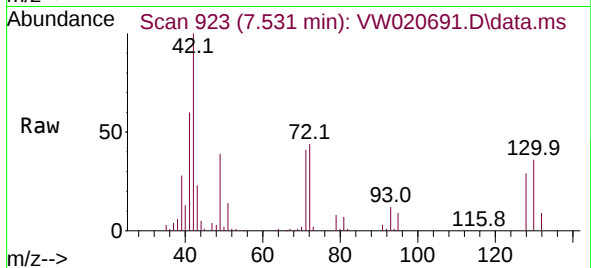
Acq: 22 Oct 2021 19:13

Tgt Ion:	42	Resp:	55771
Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.0	52.6
71	40.5	32.2	48.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#30

Chloroform

Concen: 49.493 ug/l

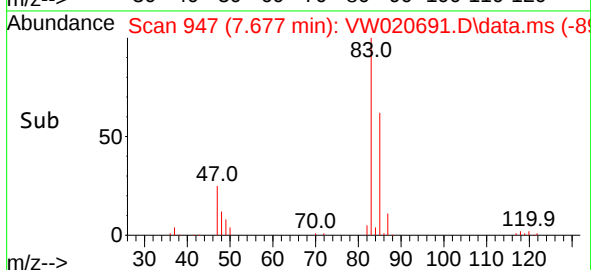
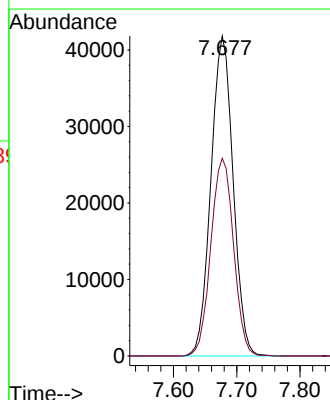
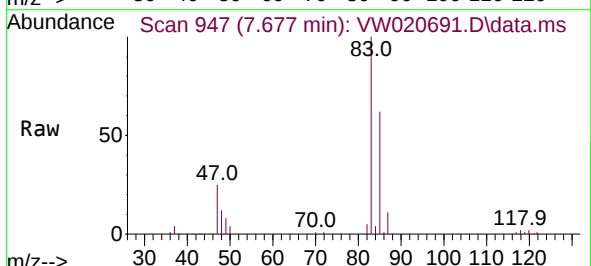
RT: 7.677 min Scan# 947

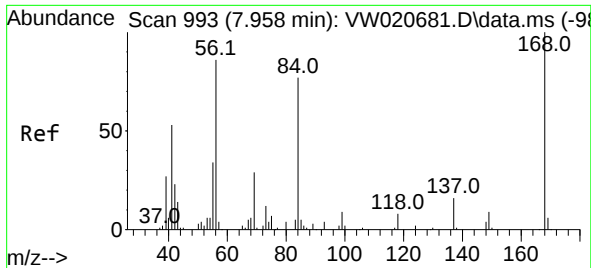
Delta R.T. -0.000 min

Lab File: VW020691.D

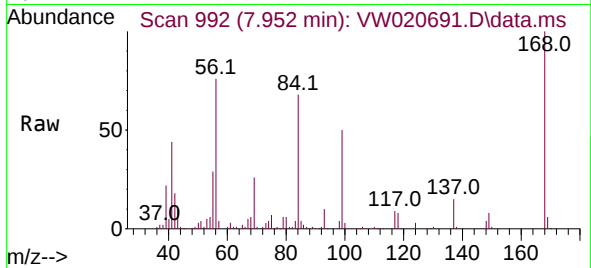
Acq: 22 Oct 2021 19:13

Tgt Ion:	83	Resp:	101634
Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.9	79.3

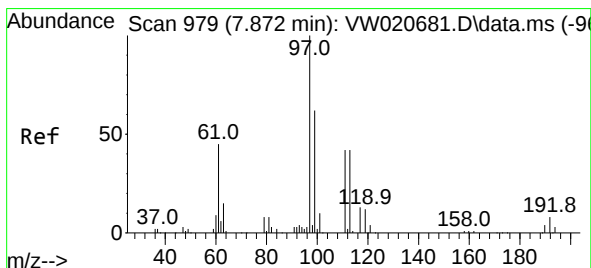
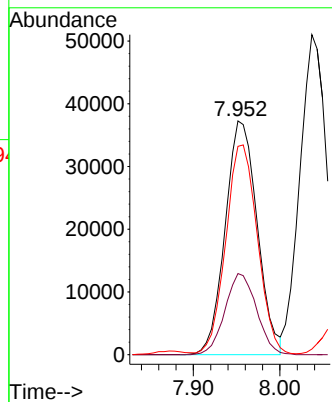
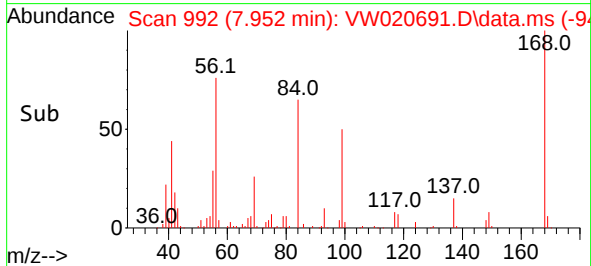




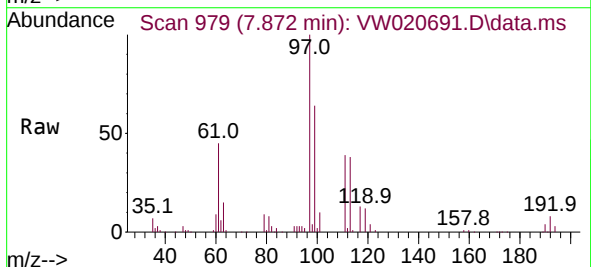
#31
Cyclohexane
Concen: 48.566 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



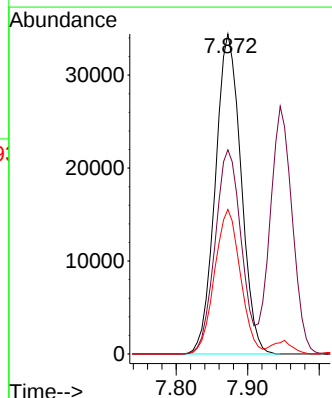
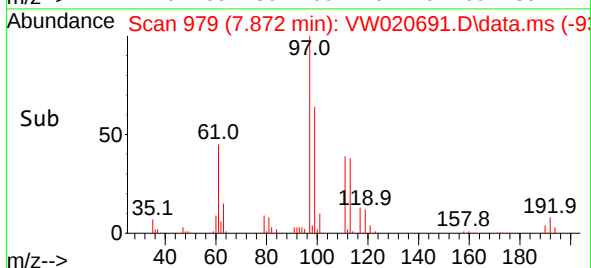
Tgt Ion: 56 Resp: 95923
Ion Ratio Lower Upper
56 100
69 34.7 27.2 40.8
84 87.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.456 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



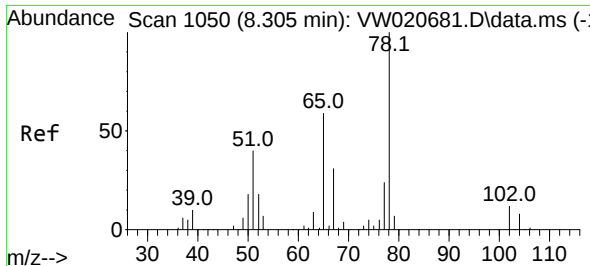
Tgt Ion: 97 Resp: 85887
Ion Ratio Lower Upper
97 100
99 64.5 50.6 75.8
61 45.5 36.6 55.0



Instrument :
MSVOA_W
ClientSampleId :
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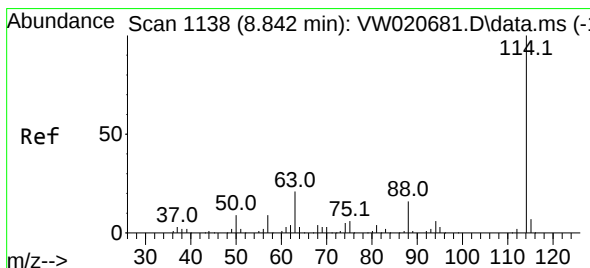
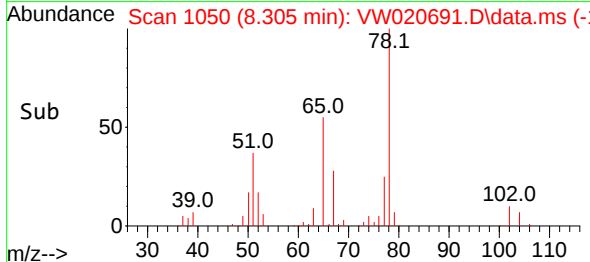
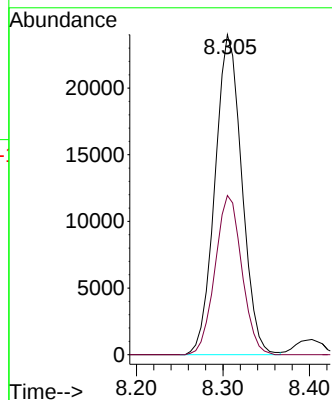
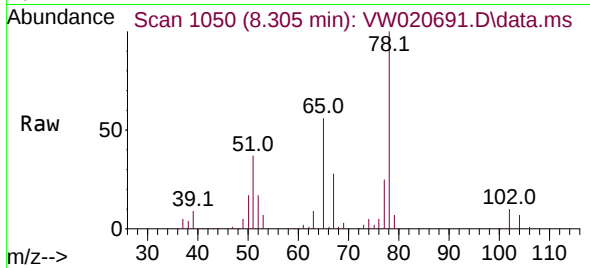
#33
1,2-Dichloroethane-d4
Concen: 44.493 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 65 Resp: 51780
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

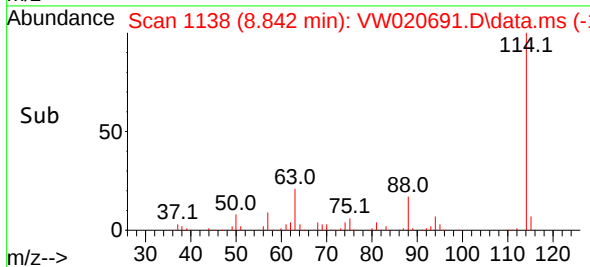
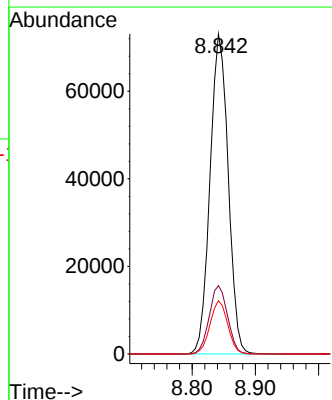
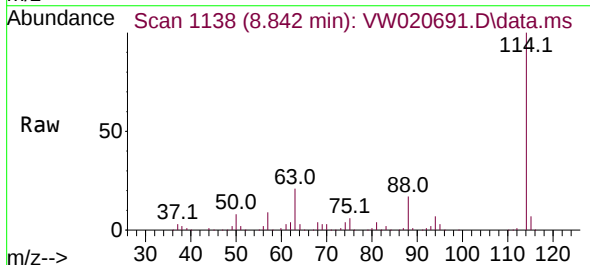
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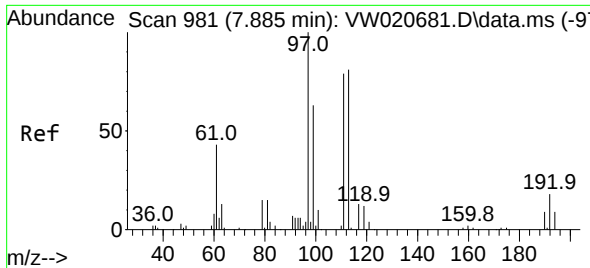
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 114 Resp: 145492
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 16.6 0.0 33.0





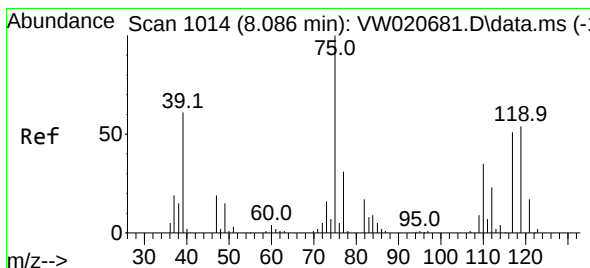
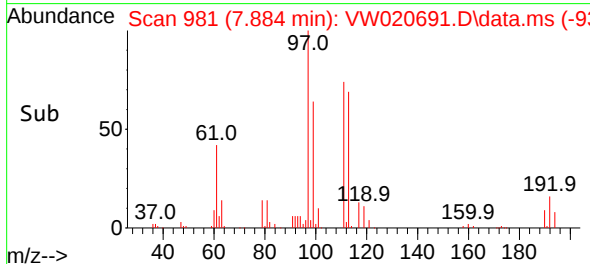
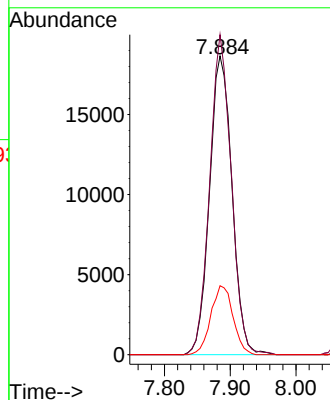
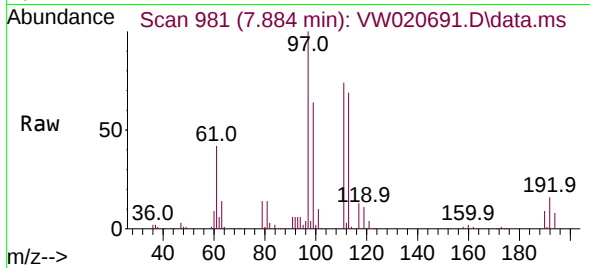
#35
Dibromofluoromethane
Concen: 46.689 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 44424
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 22.8 17.8 26.8

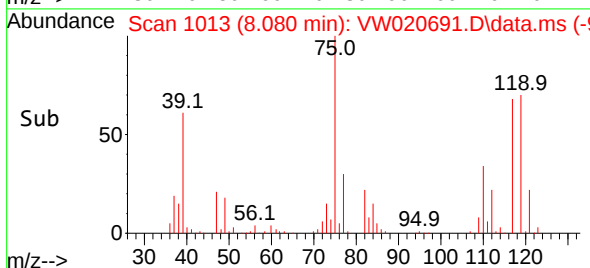
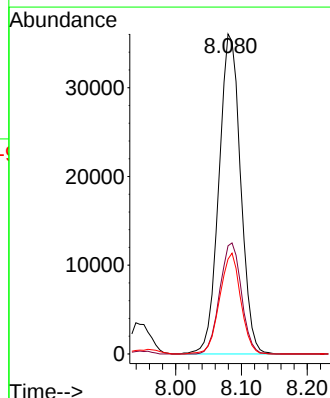
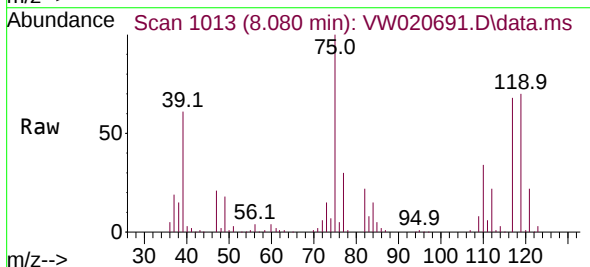
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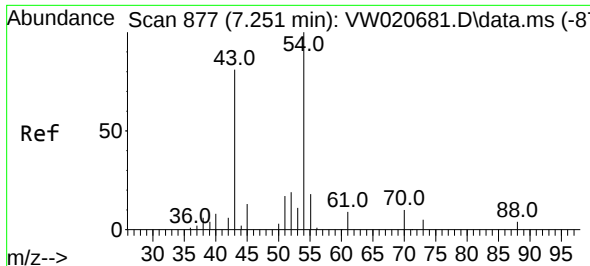
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#36
1,1-Dichloropropene
Concen: 52.814 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 75 Resp: 82753
Ion Ratio Lower Upper
75 100
110 34.6 17.1 51.3
77 30.5 24.9 37.3





#37

Ethyl Acetate

Concen: 51.483 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.006 min

Lab File: VW020691.D

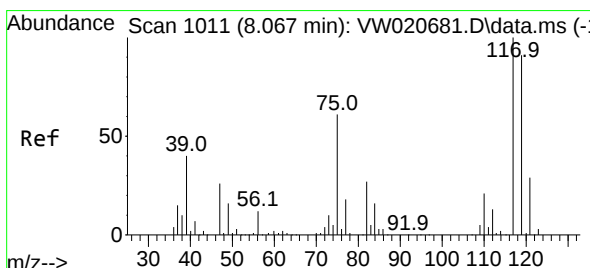
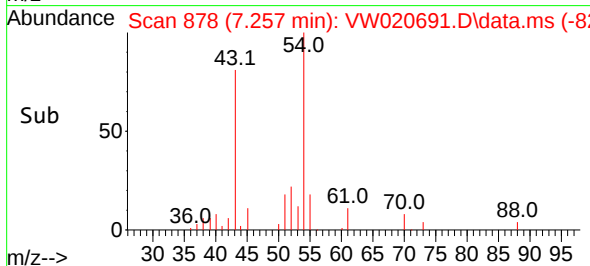
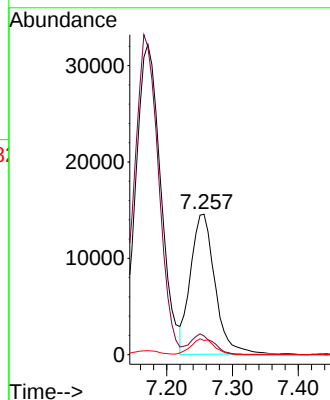
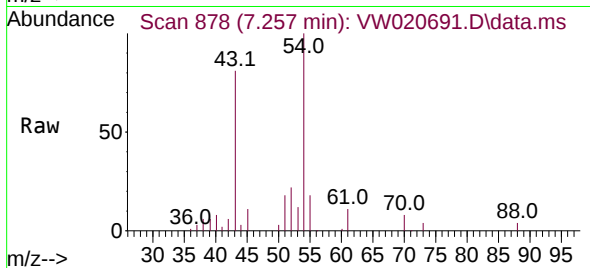
Acq: 22 Oct 2021 19:13

Tgt Ion:	43	Resp:	37325
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.3	15.5
70	10.8	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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#38

Carbon Tetrachloride

Concen: 51.507 ug/l

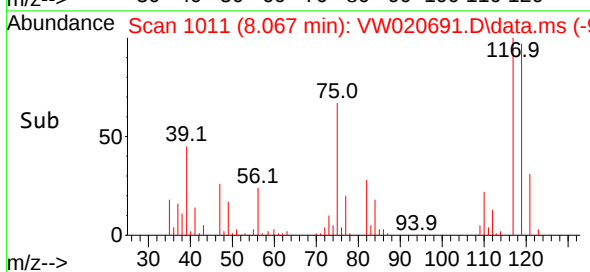
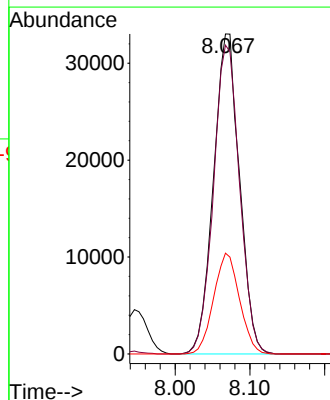
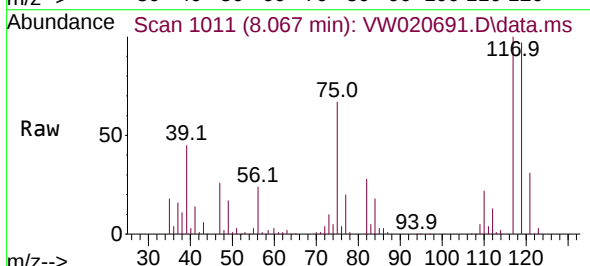
RT: 8.067 min Scan# 1011

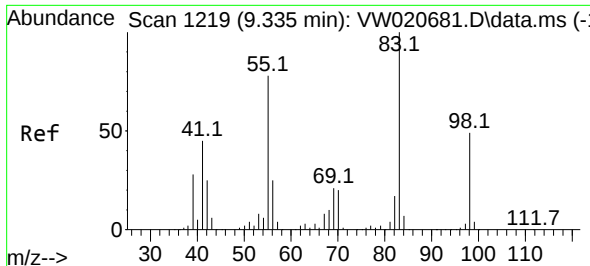
Delta R.T. -0.000 min

Lab File: VW020691.D

Acq: 22 Oct 2021 19:13

Tgt Ion:	117	Resp:	80025
Ion	Ratio	Lower	Upper
117	100		
119	96.5	72.9	109.3
121	31.5	23.4	35.0





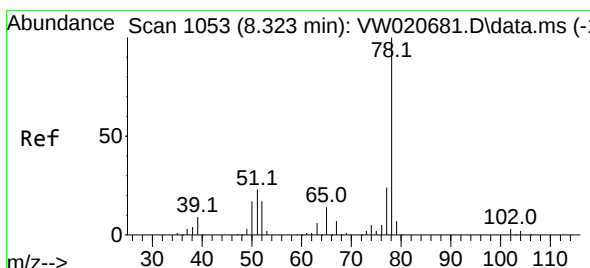
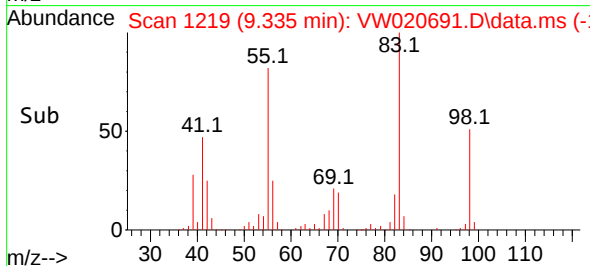
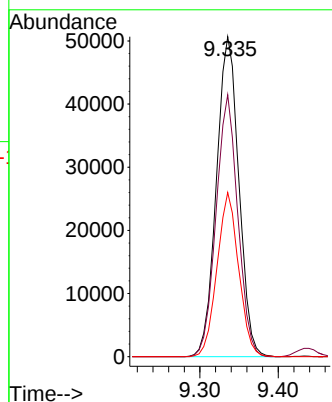
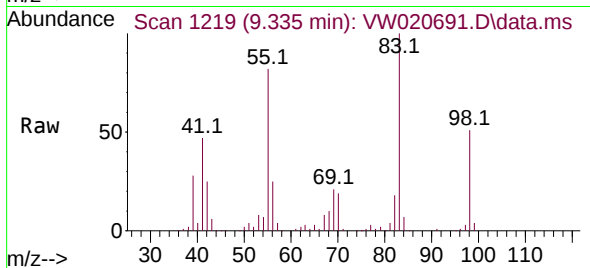
#39
Methylcyclohexane
Concen: 55.151 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 100752
Ion Ratio Lower Upper
83 100
55 81.9 62.6 94.0
98 51.3 38.8 58.2

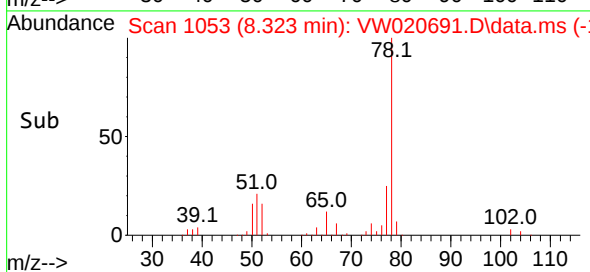
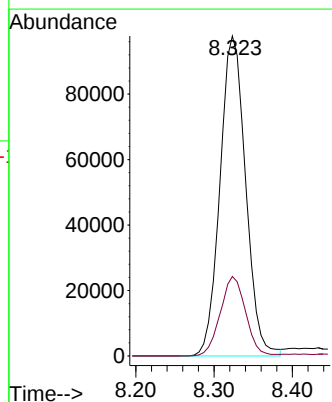
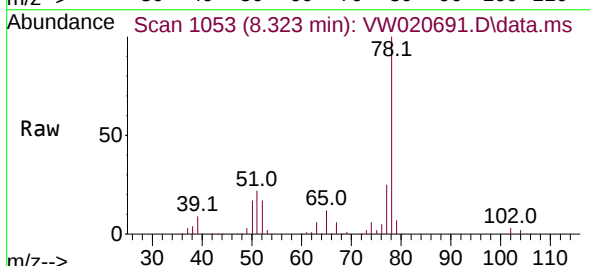
Manual Integrations
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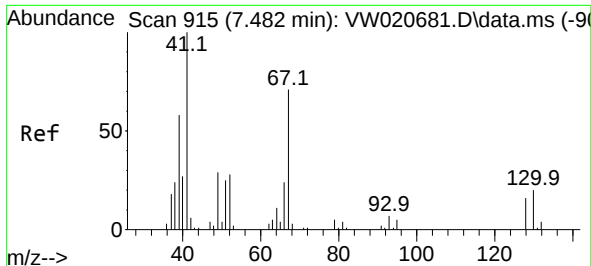
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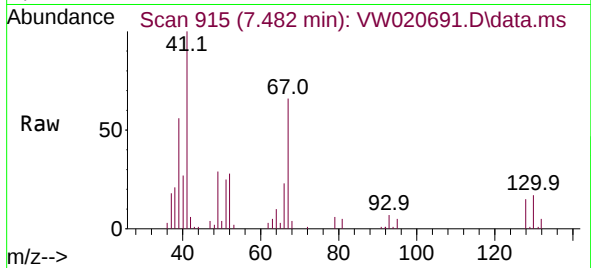
#40
Benzene
Concen: 51.903 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 78 Resp: 222555
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

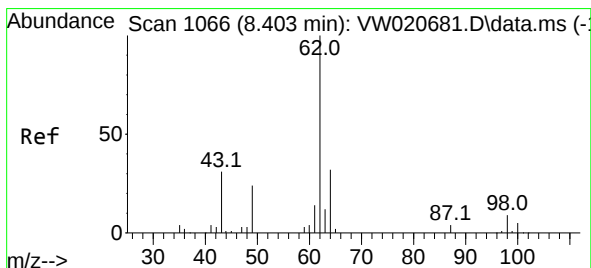
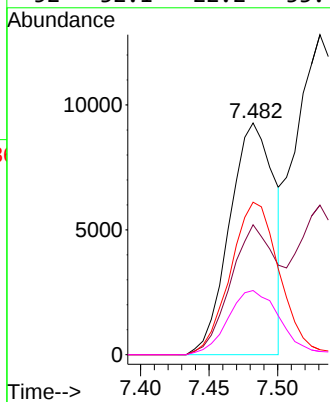
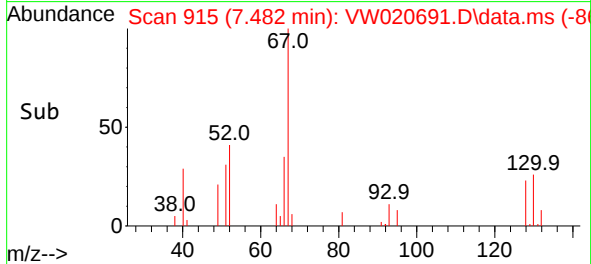




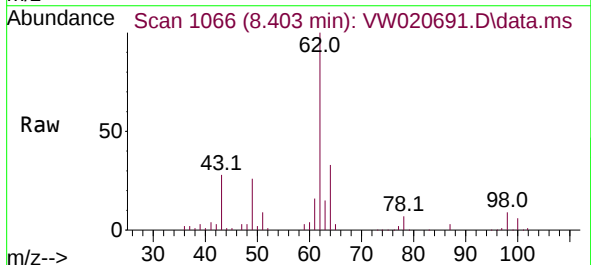
#41
Methacrylonitrile
Concen: 50.037 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



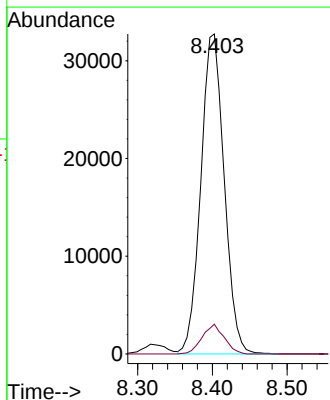
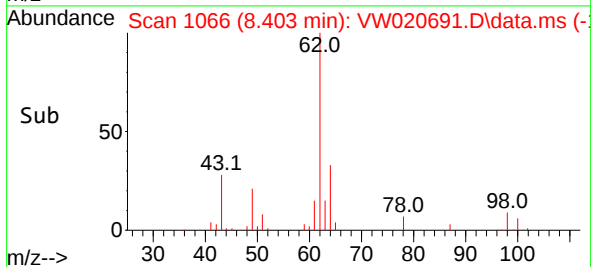
Tgt Ion:	41	Resp:	21134
Ion Ratio	Lower	Upper	
41	100		
39	60.5	44.3	66.5
67	71.9	50.9	76.3
52	32.1	22.2	33.4



#42
1,2-Dichloroethane
Concen: 51.584 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



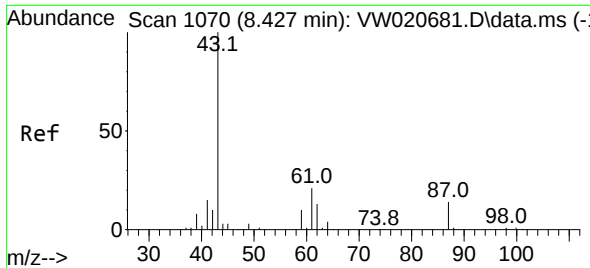
Tgt Ion:	62	Resp:	71207
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	17.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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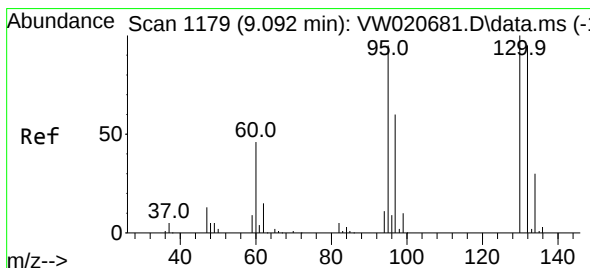
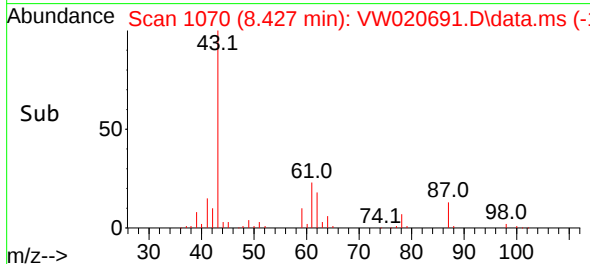
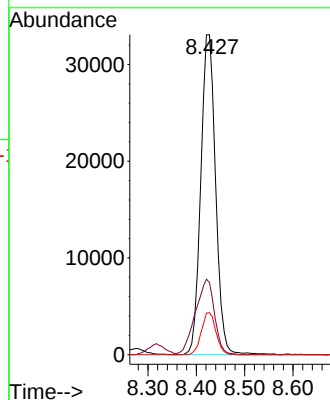
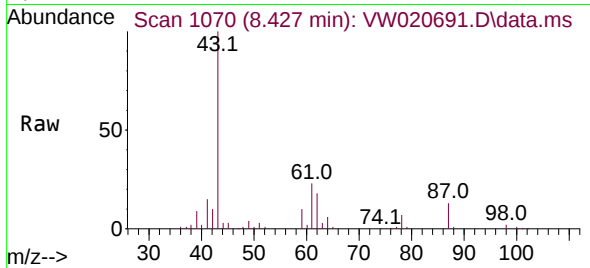
#43
Isopropyl Acetate
Concen: 52.345 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 70432
Ion Ratio Lower Upper
43 100
61 30.2 23.3 34.9
87 12.9 10.4 15.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

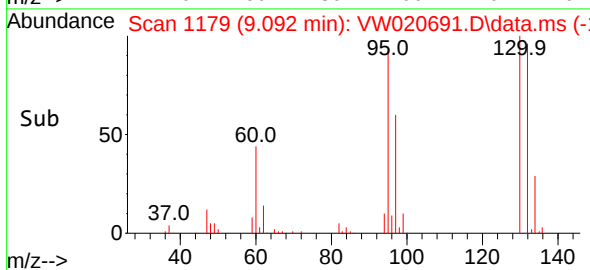
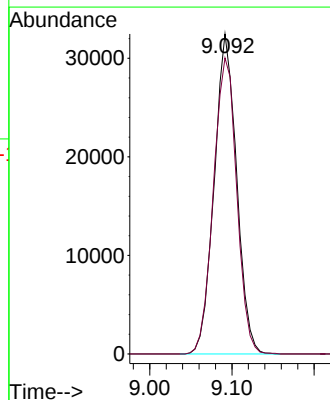
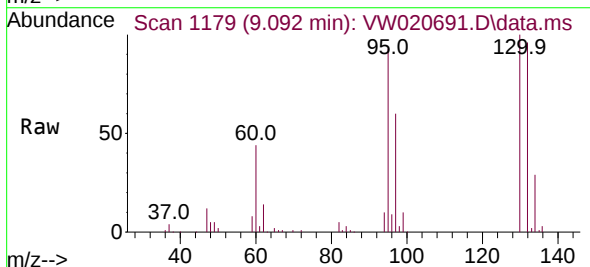
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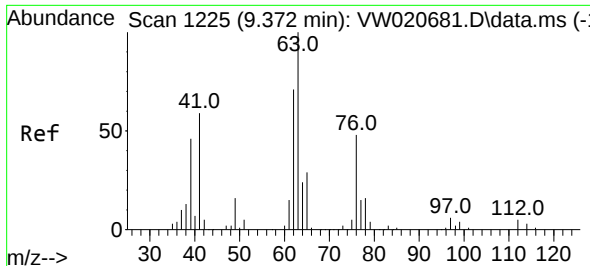
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#44
Trichloroethene
Concen: 52.835 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 130 Resp: 61573
Ion Ratio Lower Upper
130 100
95 92.5 0.0 189.2





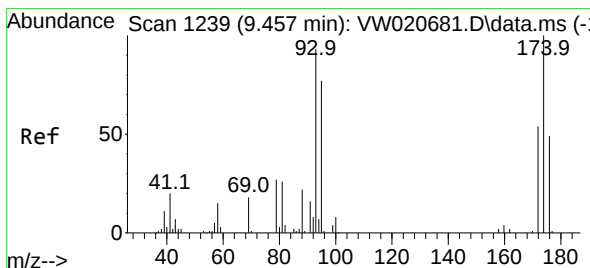
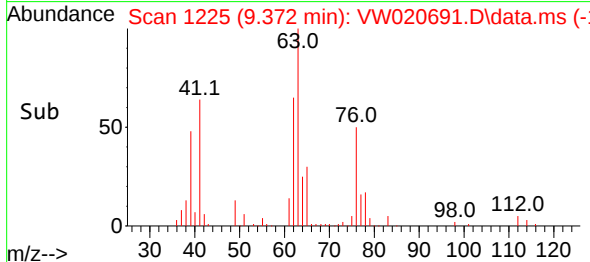
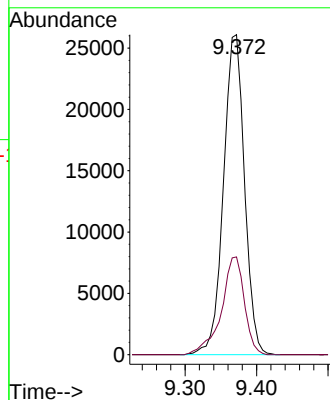
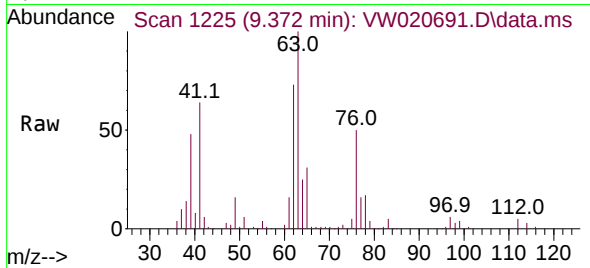
#45
1,2-Dichloropropane
Concen: 51.835 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 63 Resp: 53281
Ion Ratio Lower Upper
63 100
65 30.6 23.7 35.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

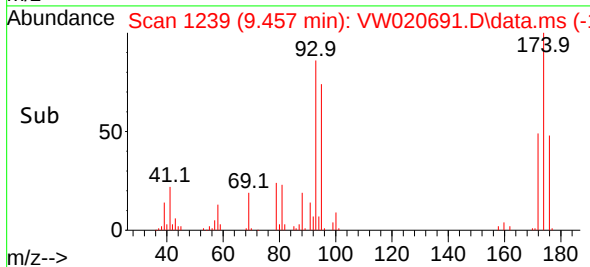
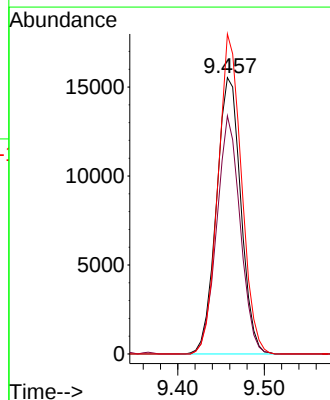
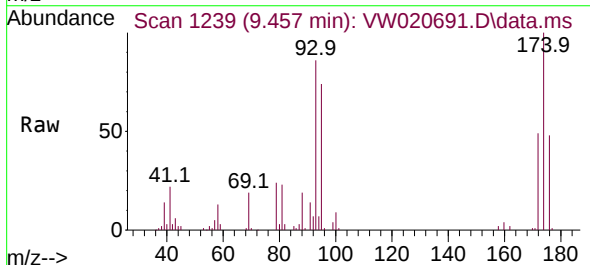
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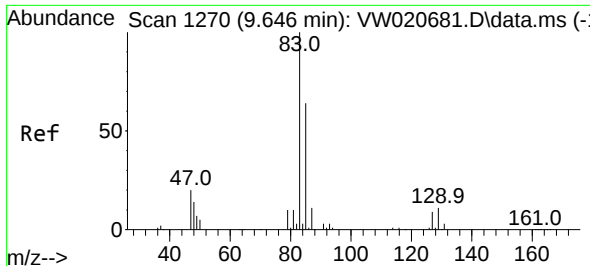
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#46
Dibromomethane
Concen: 52.664 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 93 Resp: 30411
Ion Ratio Lower Upper
93 100
95 82.7 67.0 100.4
174 111.1 88.9 133.3





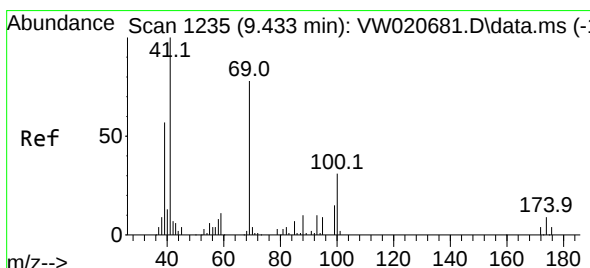
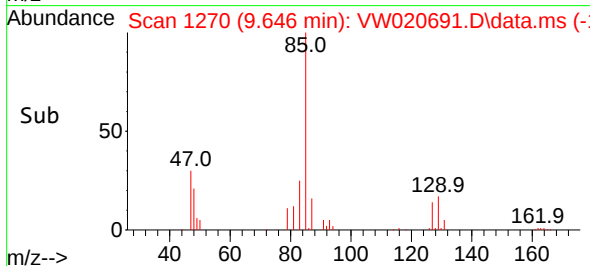
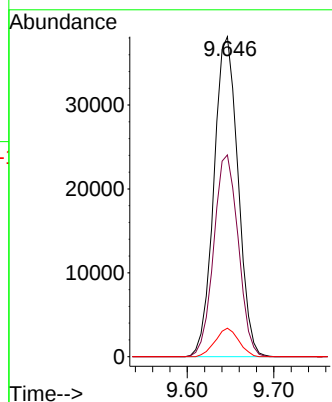
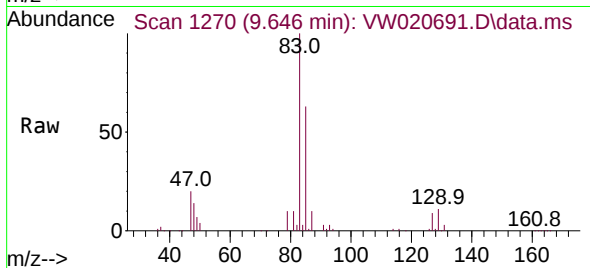
#47
Bromodichloromethane
Concen: 51.781 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:	83	Resp:	73705
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.0	76.6
127	8.9	7.0	10.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

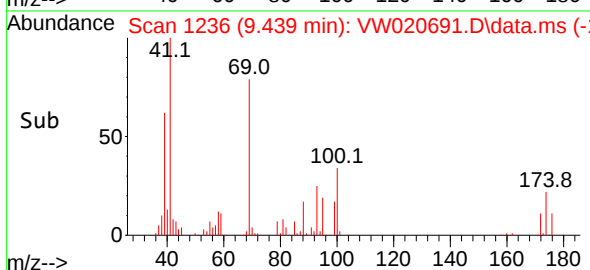
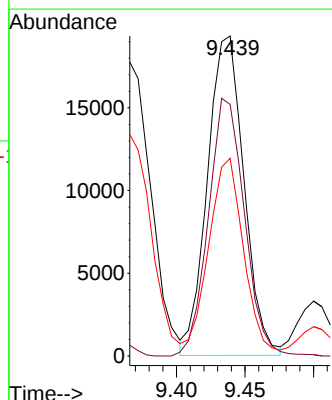
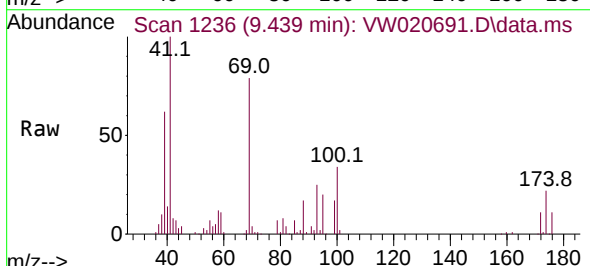
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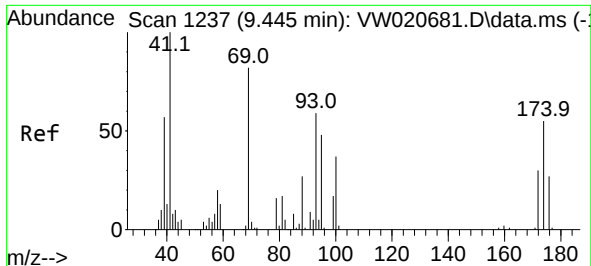
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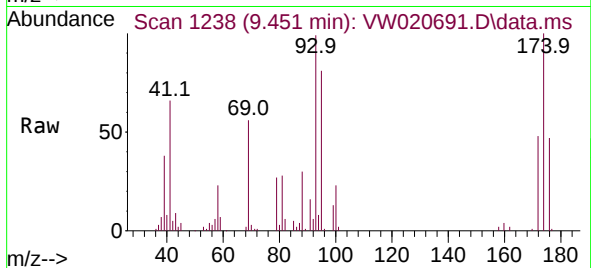
#48
Methyl methacrylate
Concen: 55.262 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:	41	Resp:	35776
Ion Ratio	Lower	Upper	
41	100		
69	79.9	67.2	100.8
39	55.4	47.0	70.6

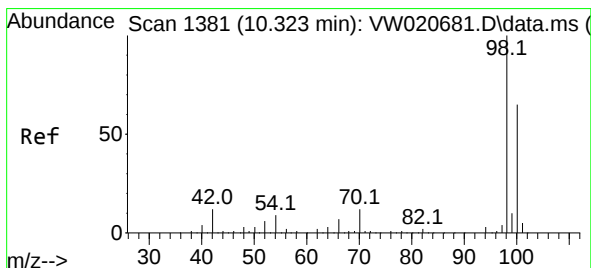
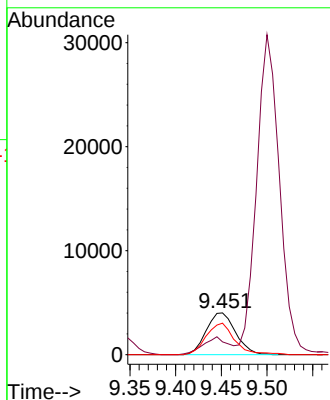
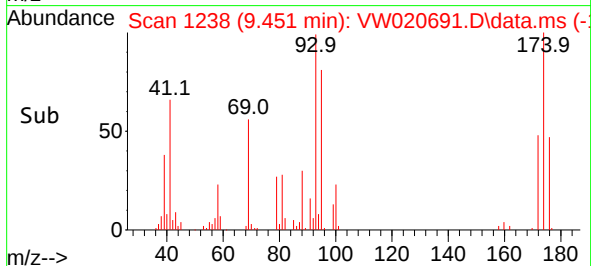




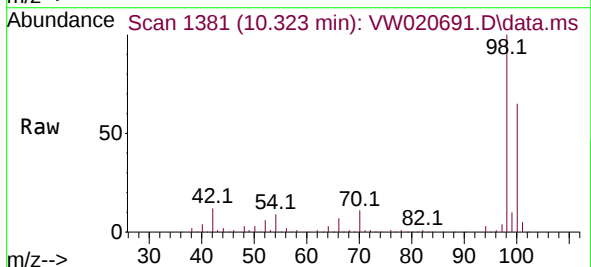
#49
1,4-Dioxane
Concen: 1165.387 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



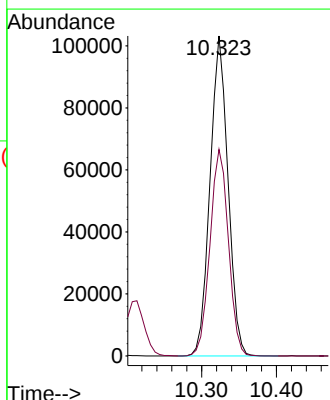
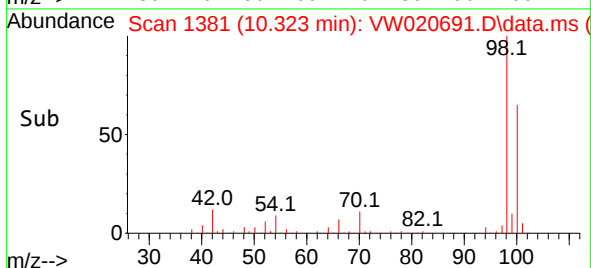
Tgt Ion: 88 Resp: 8944
Ion Ratio Lower Upper
88 100
43 36.2 28.8 43.2
58 73.4 59.6 89.4



#50
Toluene-d8
Concen: 47.329 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



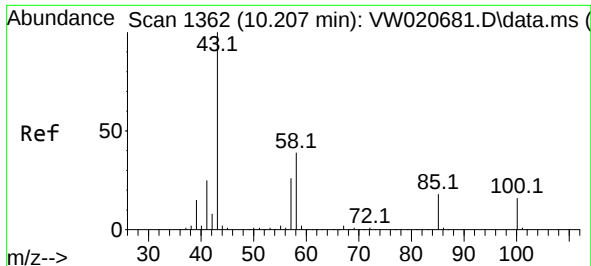
Tgt Ion: 98 Resp: 172128
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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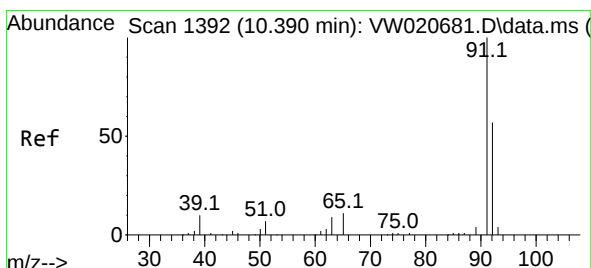
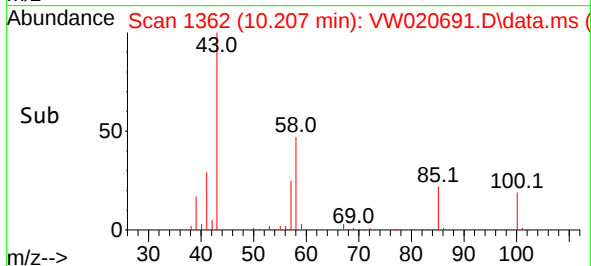
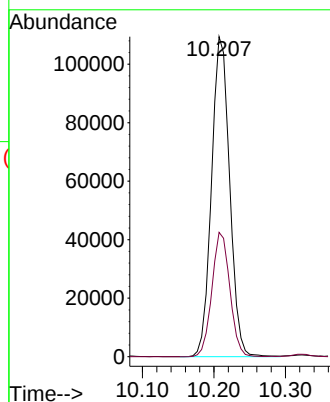
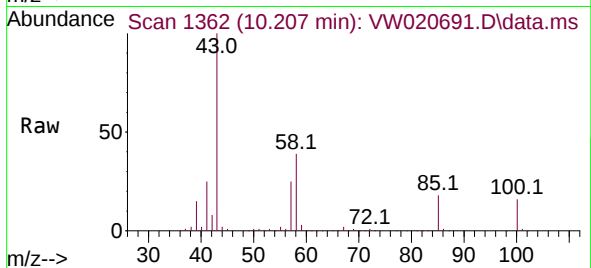
#51
4-Methyl-2-Pentanone
Concen: 263.078 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 192455
Ion Ratio Lower Upper
43 100
58 38.5 30.6 46.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

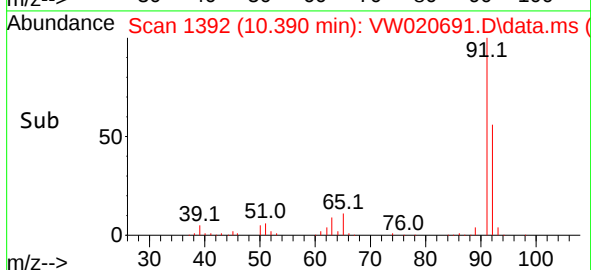
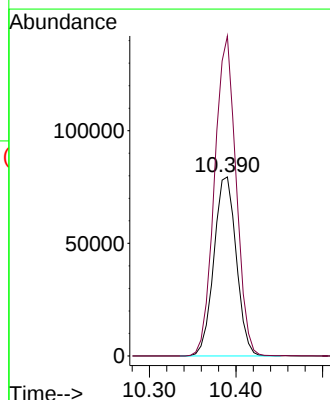
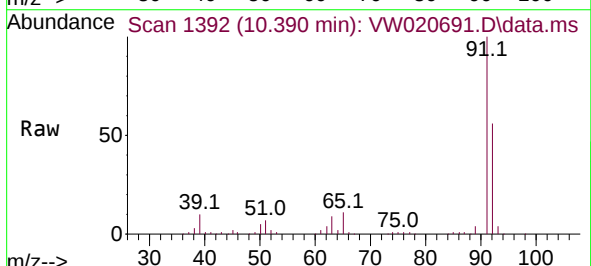
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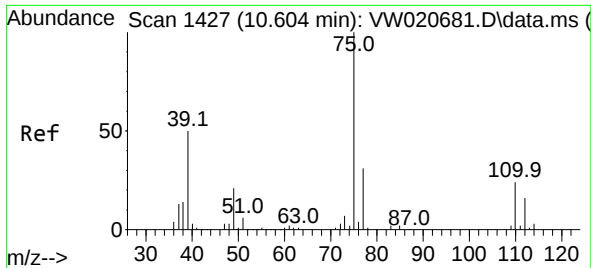
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#52
Toluene
Concen: 52.955 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 92 Resp: 142644
Ion Ratio Lower Upper
92 100
91 172.7 136.6 204.8





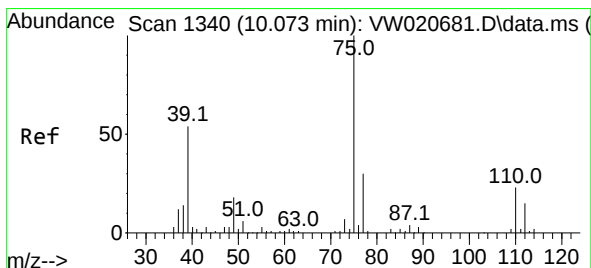
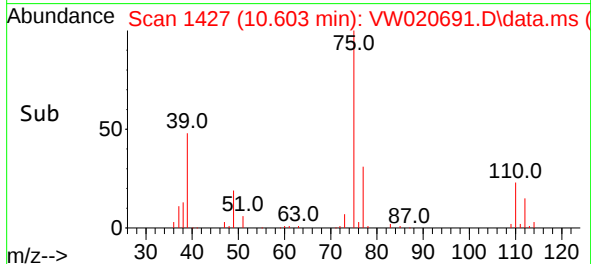
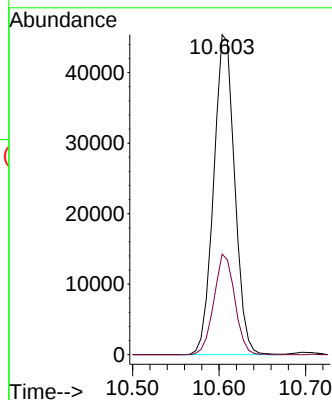
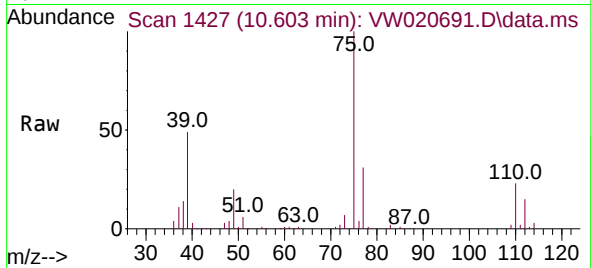
#53
 t-1,3-Dichloropropene
 Concen: 52.843 ug/l
 RT: 10.603 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VW020691.D
 Acq: 22 Oct 2021 19:13

Tgt Ion: 75 Resp: 76541
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

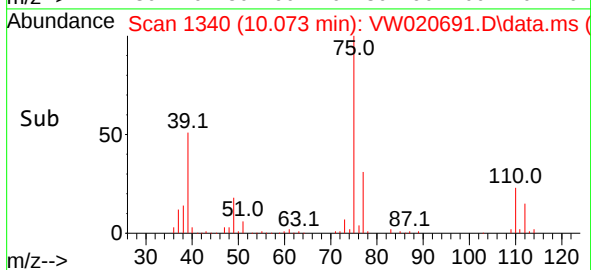
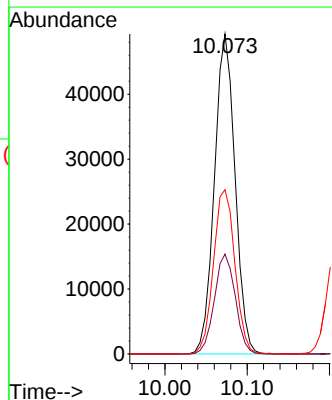
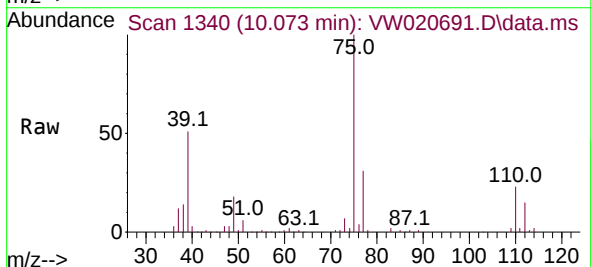
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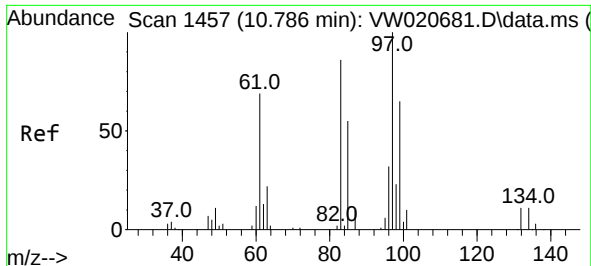
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#54
 cis-1,3-Dichloropropene
 Concen: 52.314 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020691.D
 Acq: 22 Oct 2021 19:13

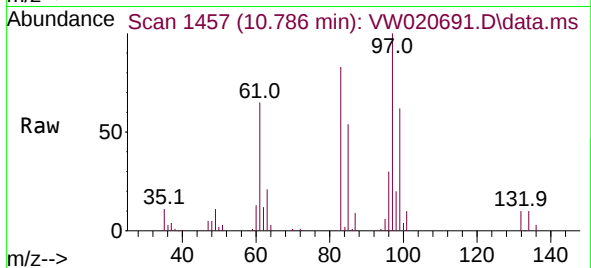
Tgt Ion: 75 Resp: 85847
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.8 35.8
 39 51.3 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 51.863 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

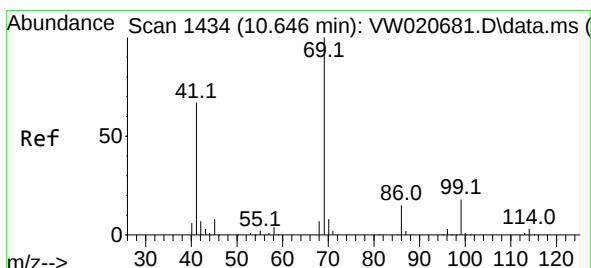
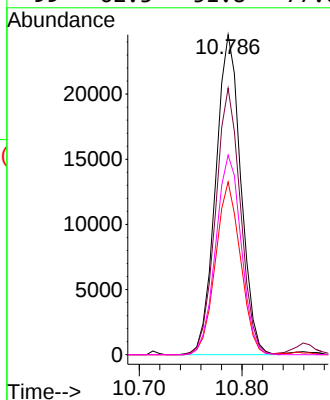
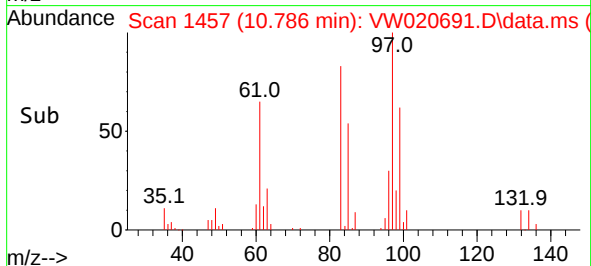
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



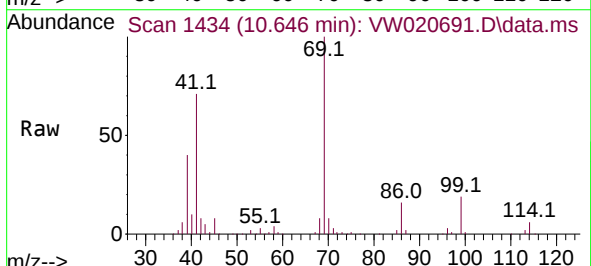
Tgt Ion:	97	Resp:	41726
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.0	103.4
85	54.0	44.3	66.5
99	62.3	51.8	77.6

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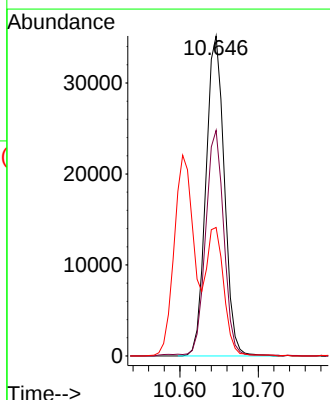
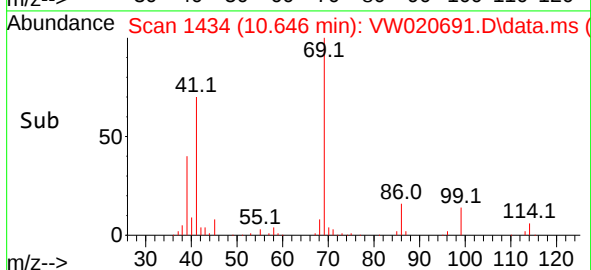
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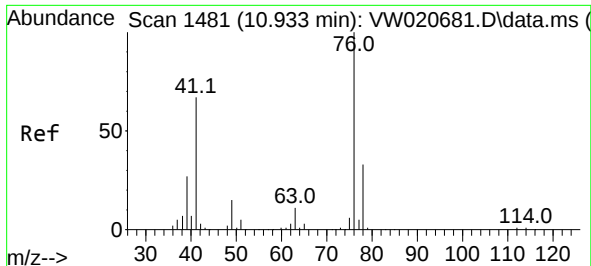


#56
Ethyl methacrylate
Concen: 55.323 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



Tgt Ion:	69	Resp:	57222
Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.6	85.0
39	37.4	29.6	44.4





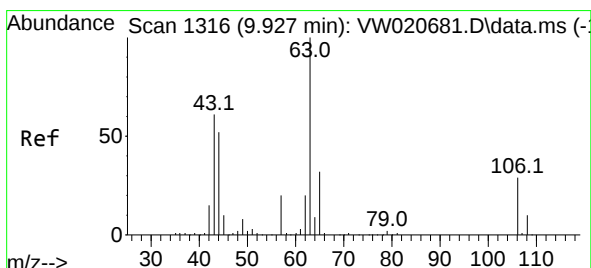
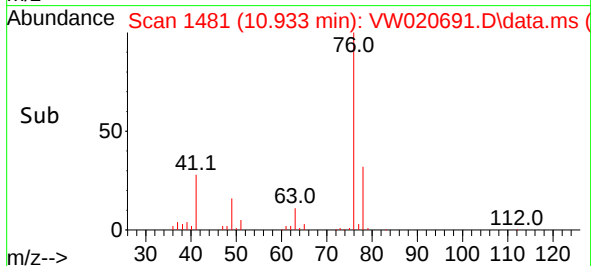
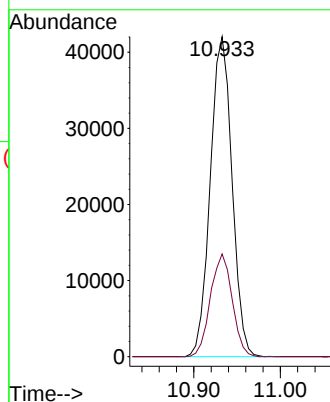
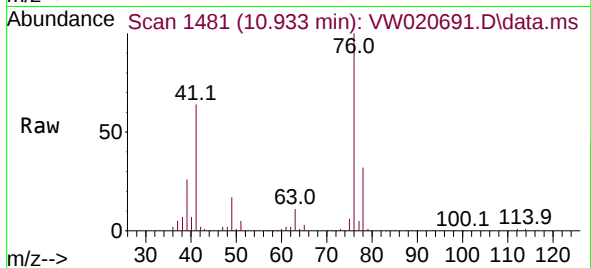
#57
1,3-Dichloropropane
Concen: 52.631 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 76 Resp: 73367
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

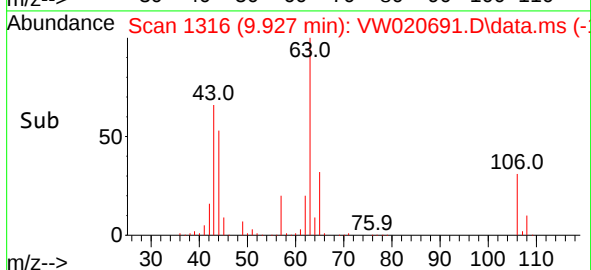
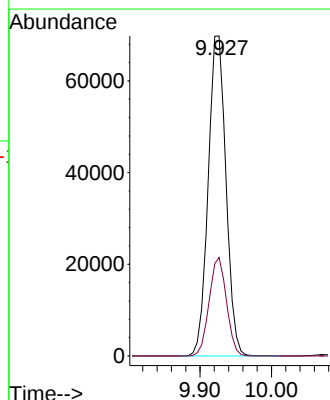
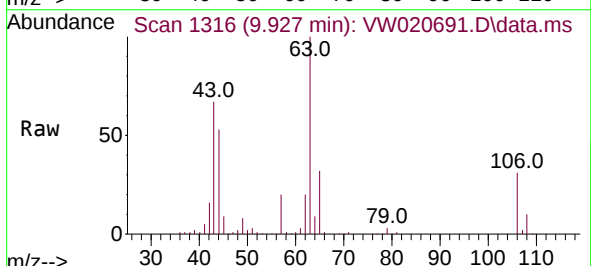
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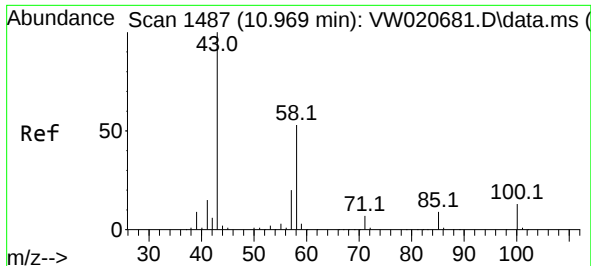
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#58
2-Chloroethyl Vinyl ether
Concen: 258.794 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 63 Resp: 120650
Ion Ratio Lower Upper
63 100
106 29.9 23.0 34.6





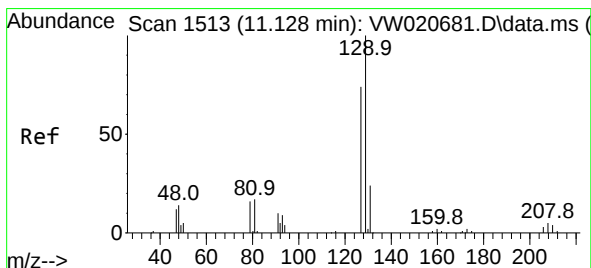
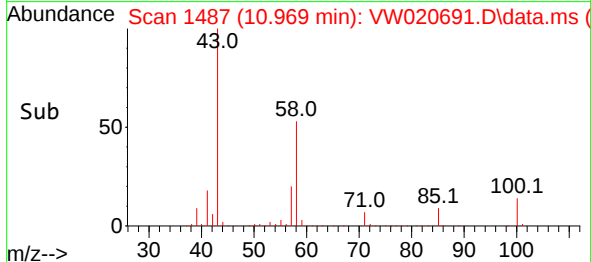
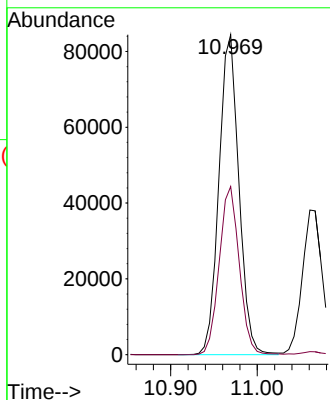
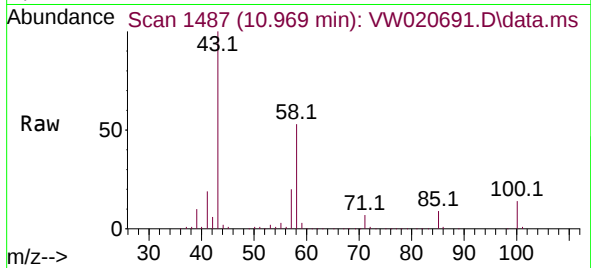
#59
2-Hexanone
Concen: 261.069 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 135128
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

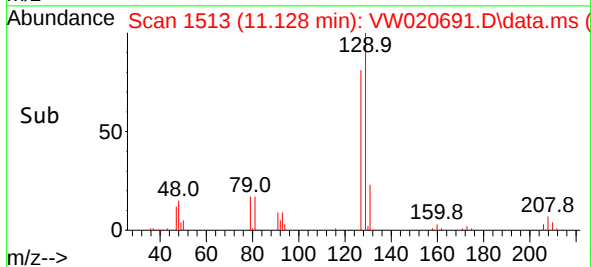
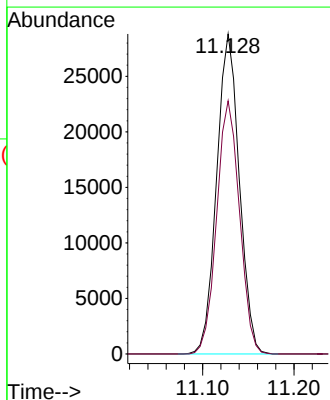
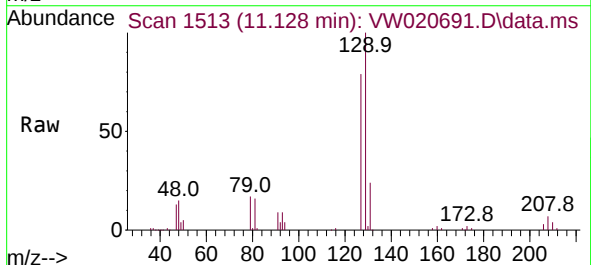
Manual Integrations
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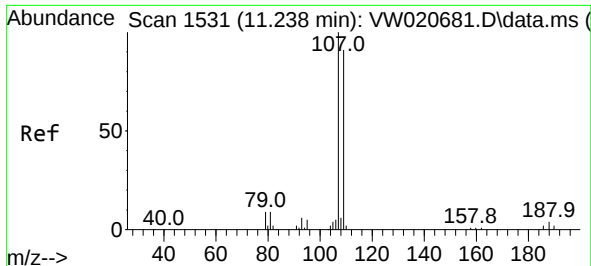
MMDadoda
10/25/2021 11:56:26 AM



#60
Dibromochloromethane
Concen: 52.407 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:129 Resp: 49707
Ion Ratio Lower Upper
129 100
127 79.5 38.9 116.6





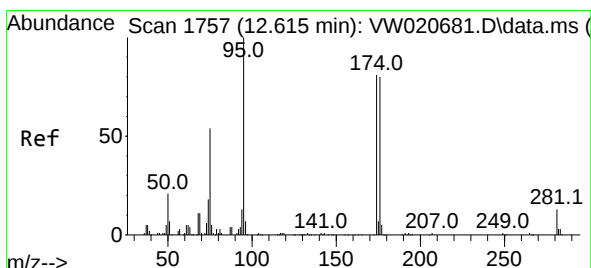
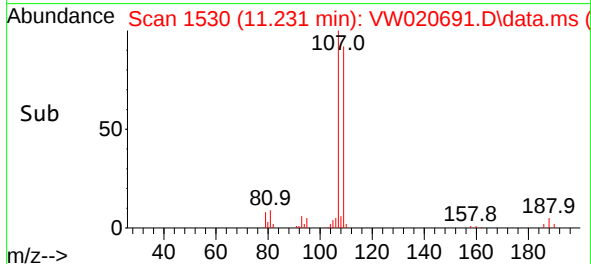
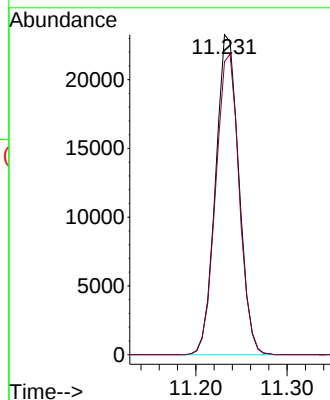
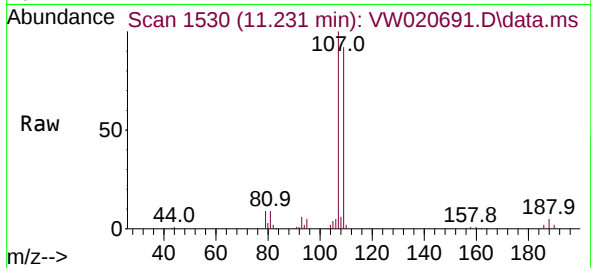
#61
1,2-Dibromoethane
Concen: 52.840 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 41134
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2

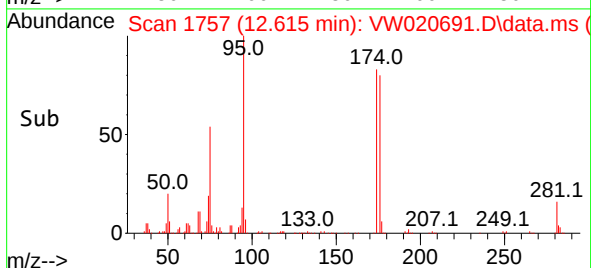
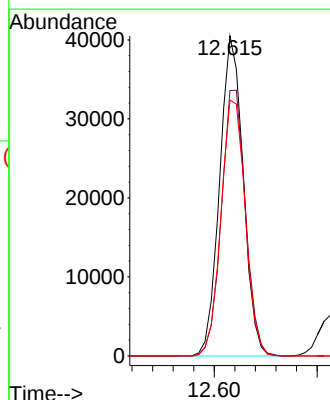
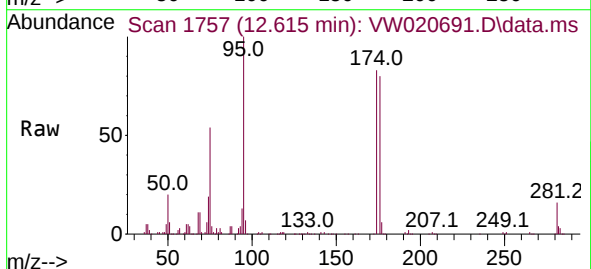
Manual Integrations
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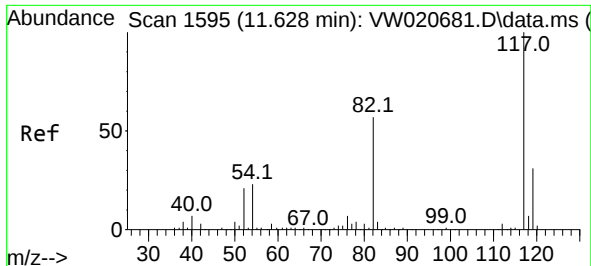
MMDadoda
10/25/2021 11:56:26 AM



#62
4-Bromofluorobenzene
Concen: 48.212 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 95 Resp: 64277
Ion Ratio Lower Upper
95 100
174 85.0 0.0 166.4
176 82.6 0.0 159.8





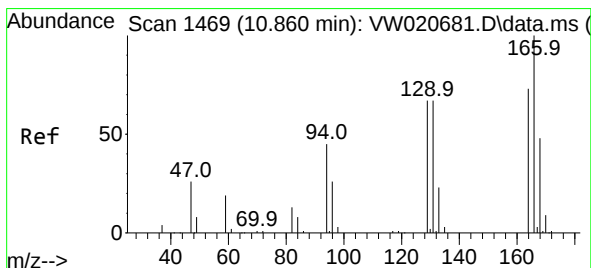
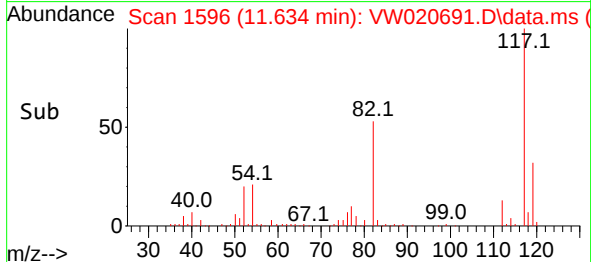
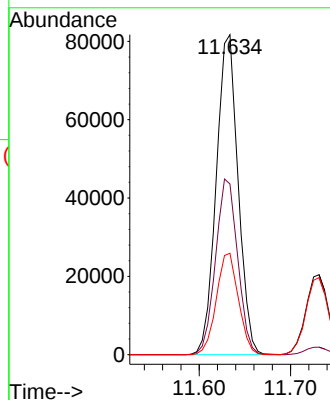
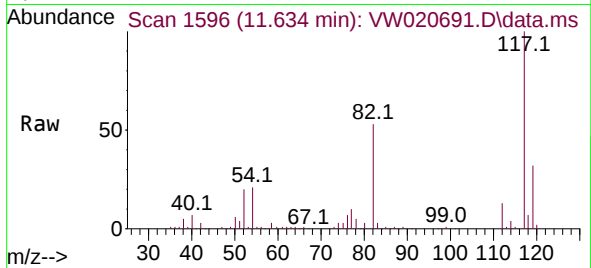
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 136037
Ion Ratio Lower Upper
117 100
82 53.4 45.6 68.4
119 31.7 25.0 37.4

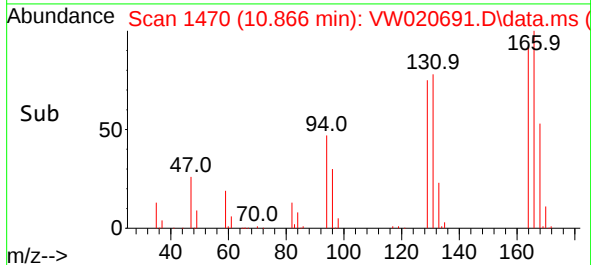
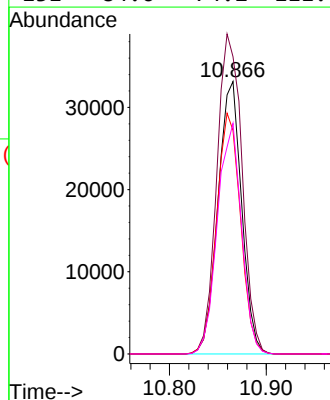
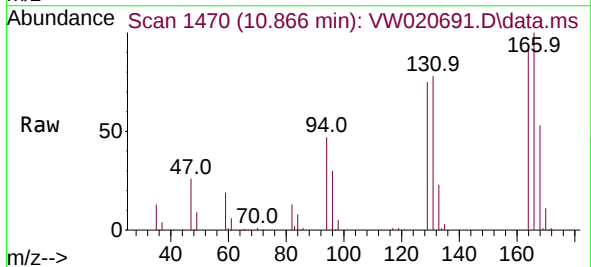
Manual Integrations
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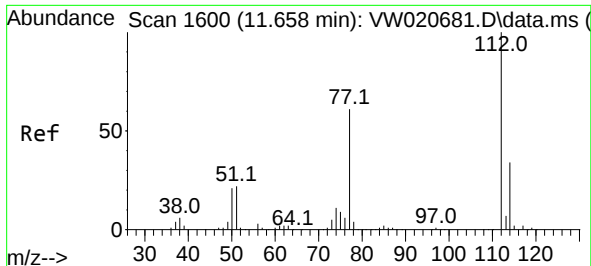
MMDadoda
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#64
Tetrachloroethene
Concen: 53.391 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:164 Resp: 56394
Ion Ratio Lower Upper
164 100
166 109.1 110.2 165.4#
129 82.0 74.4 111.6
131 84.6 74.2 111.4





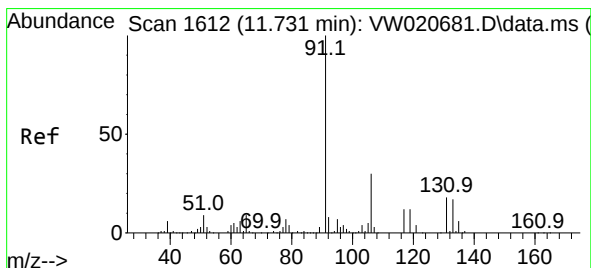
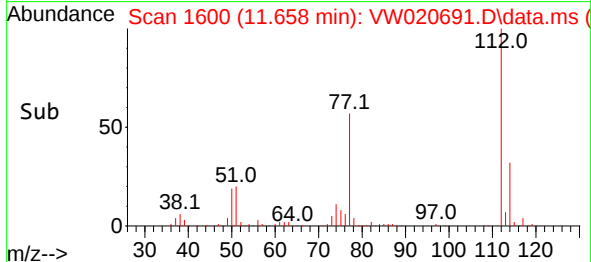
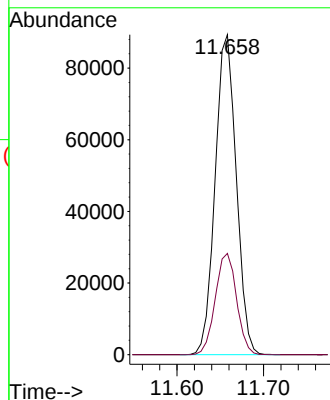
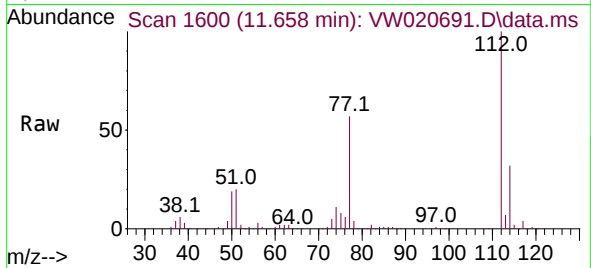
#65
Chlorobenzene
Concen: 51.651 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:112 Resp: 151252
Ion Ratio Lower Upper
112 100
114 31.7 27.0 40.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

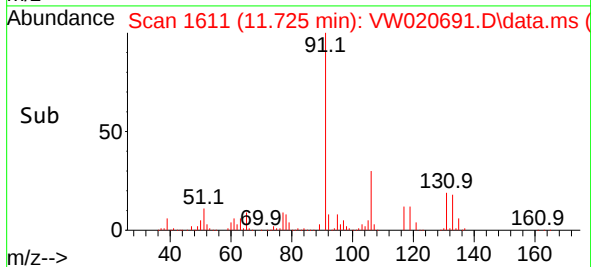
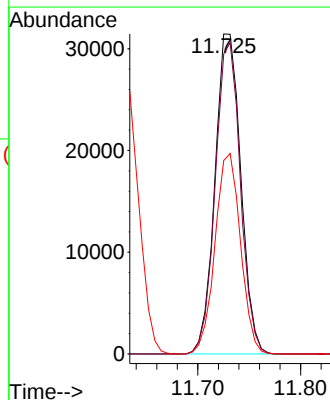
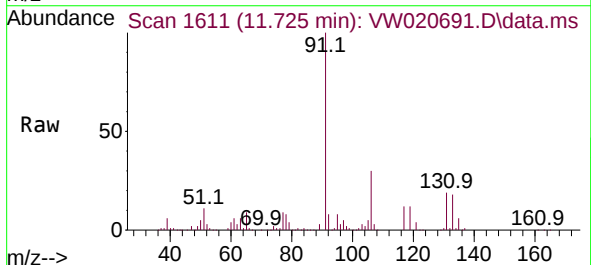
Manual Integrations
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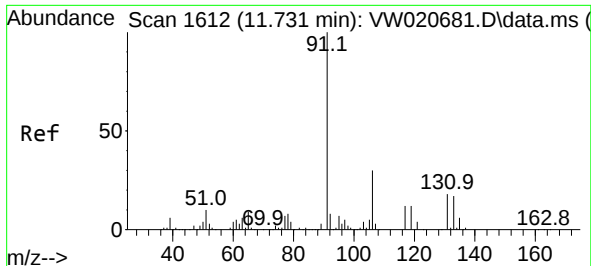
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.723 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:131 Resp: 54906
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 61.8 31.6 95.0





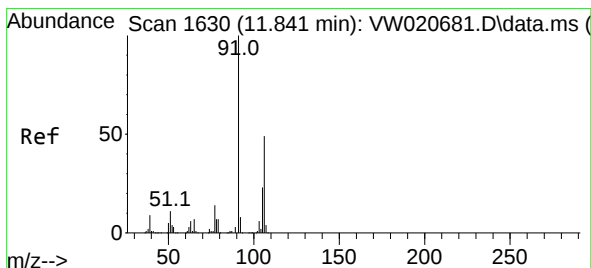
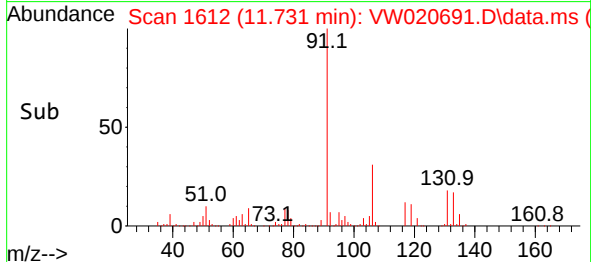
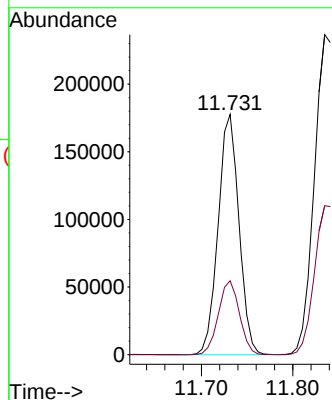
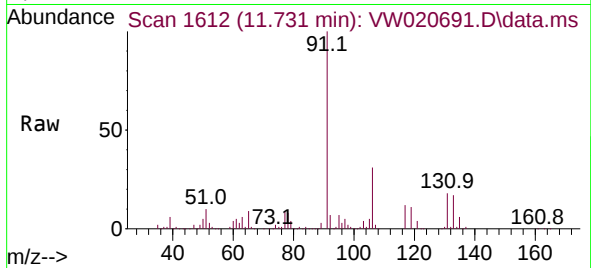
#67
Ethyl Benzene
Concen: 52.998 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 91 Resp: 281027
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

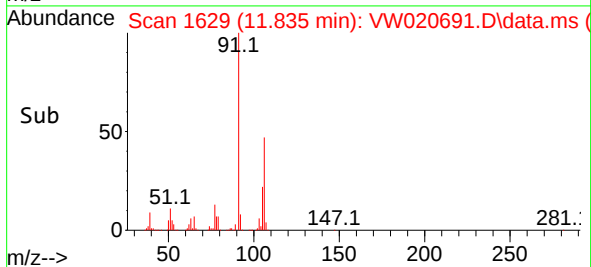
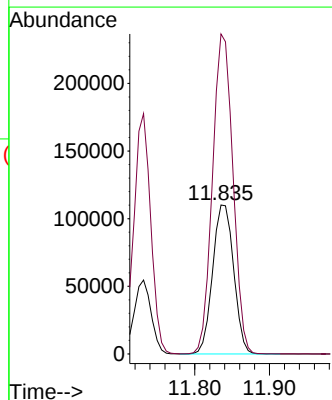
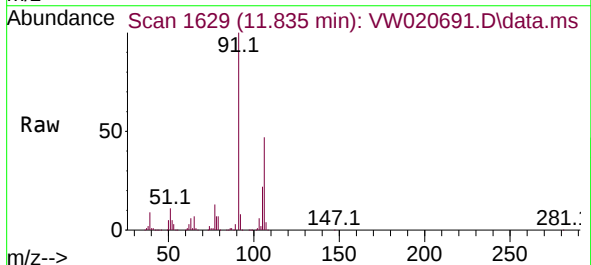
Manual Integrations
APPROVED

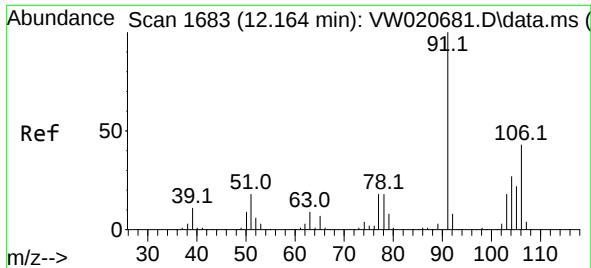
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#68
m/p-Xylenes
Concen: 104.721 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:106 Resp: 214695
Ion Ratio Lower Upper
106 100
91 209.2 166.4 249.6





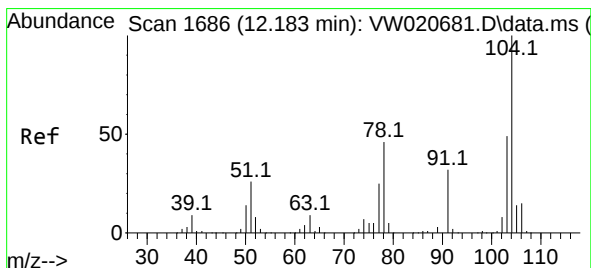
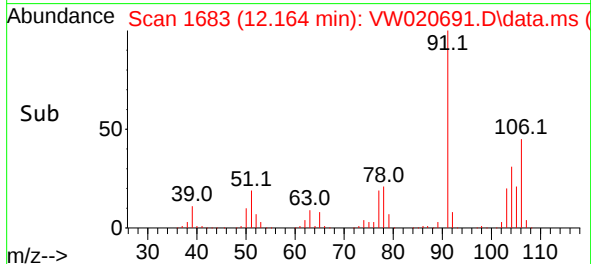
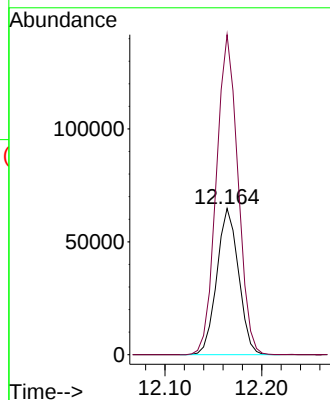
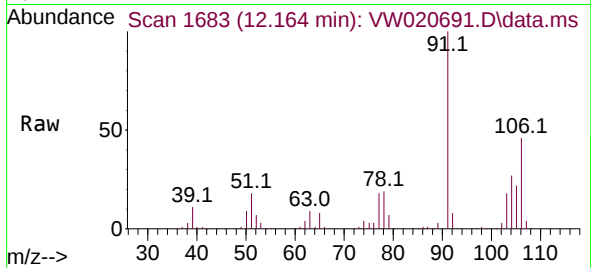
#69
o-Xylene
Concen: 53.449 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 100986
Ion Ratio Lower Upper
106 100
91 218.3 110.9 332.6

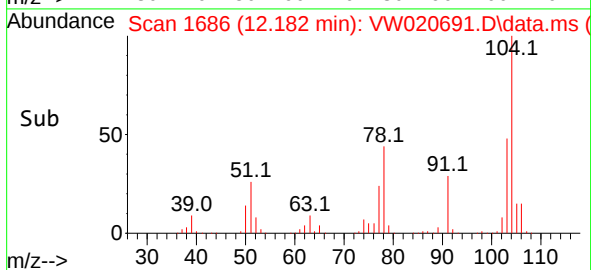
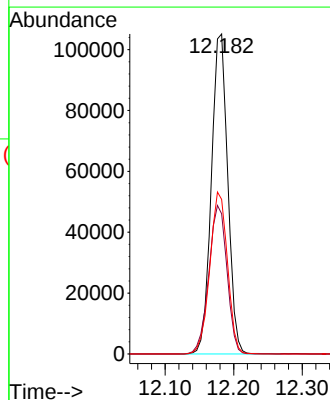
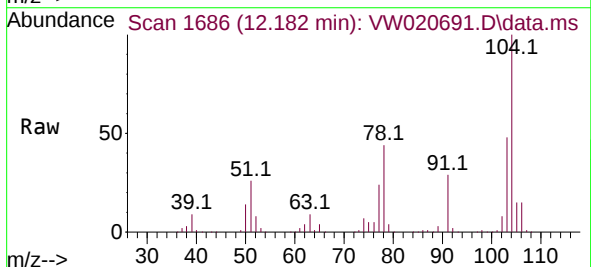
Manual Integrations
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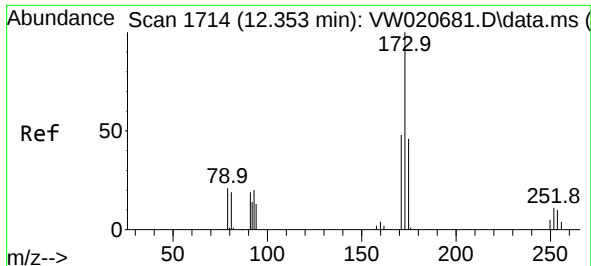
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#70
Styrene
Concen: 53.950 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

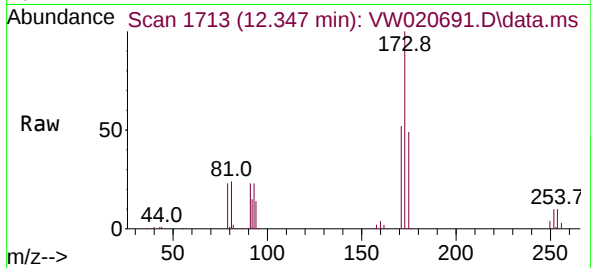
Tgt Ion:104 Resp: 174618
Ion Ratio Lower Upper
104 100
78 51.4 41.4 62.0
103 54.4 43.3 64.9





#71
Bromoform
Concen: 50.638 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

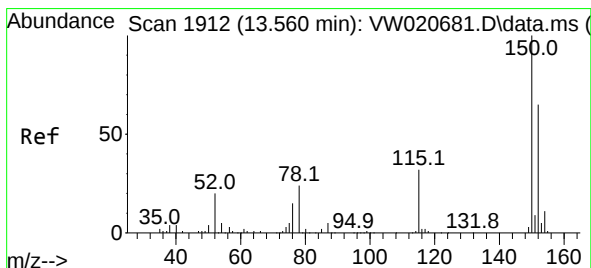
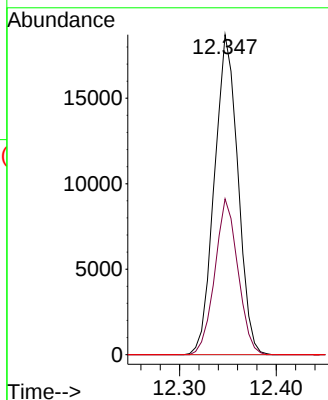
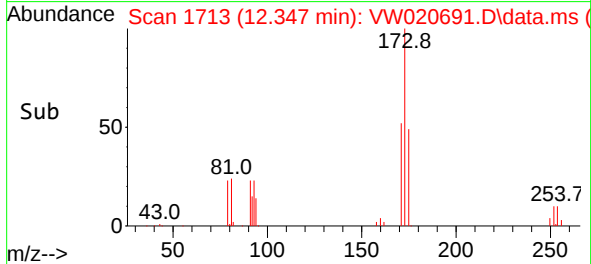
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



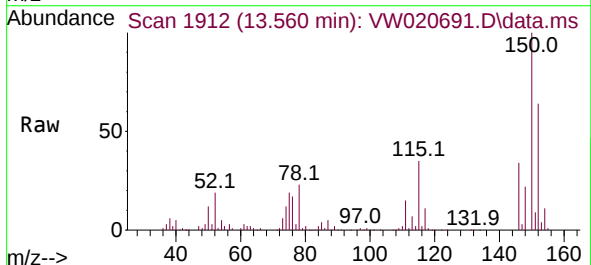
Tgt Ion:173 Resp: 31515
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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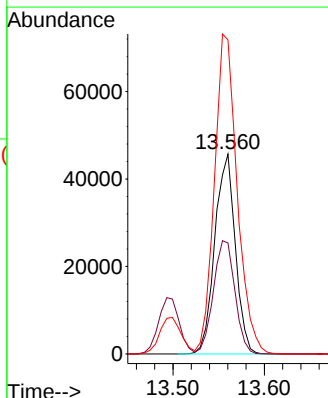
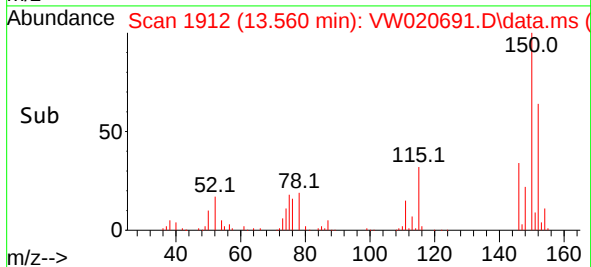
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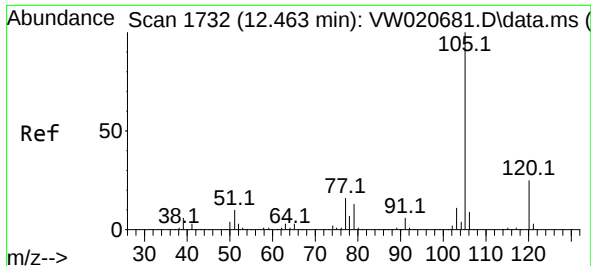


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



Tgt Ion:152 Resp: 71199
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.9
150 178.0 0.0 352.6





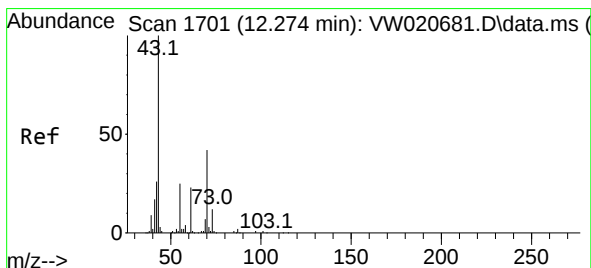
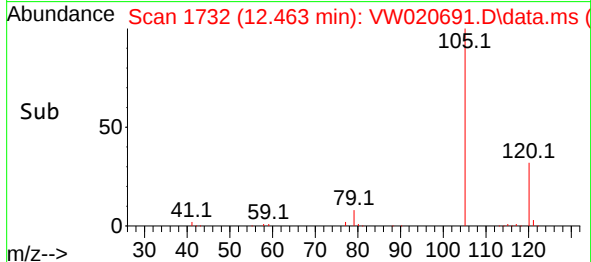
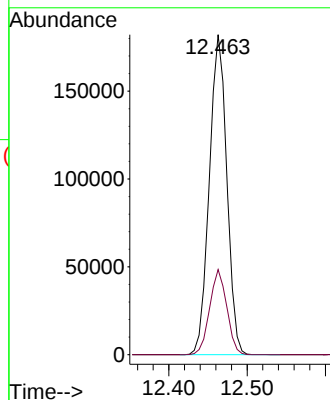
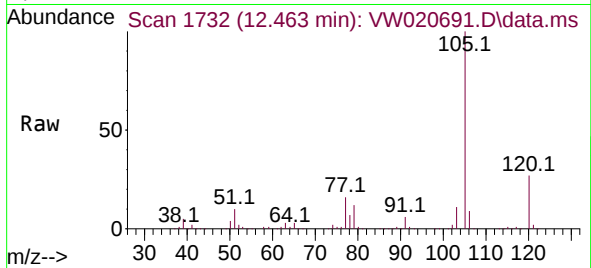
#73
Isopropylbenzene
Concen: 54.926 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 105 Resp: 281697
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

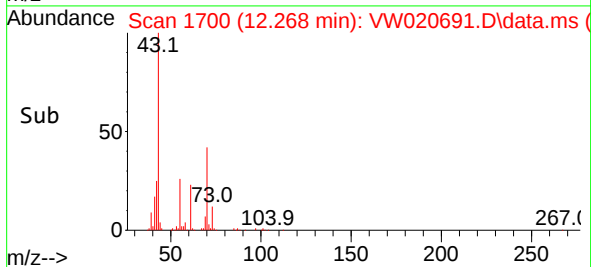
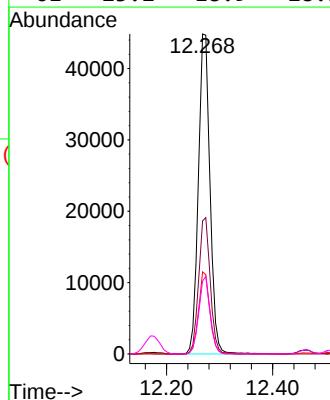
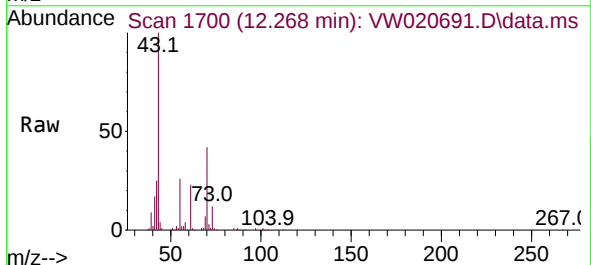
Manual Integrations
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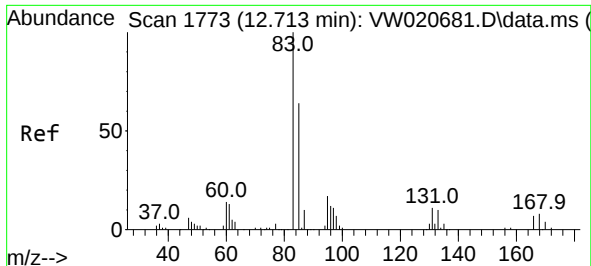
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#74
N-ethyl acetate
Concen: 54.959 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 43 Resp: 68407
Ion Ratio Lower Upper
43 100
70 42.3 33.4 50.2
55 25.1 20.1 30.1
61 23.2 18.9 28.3





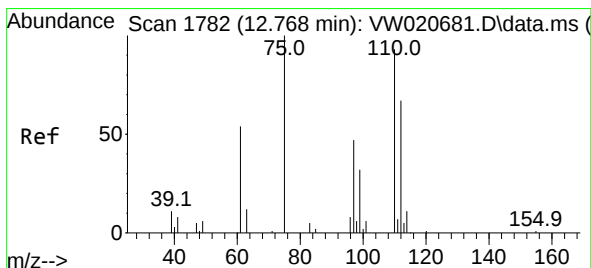
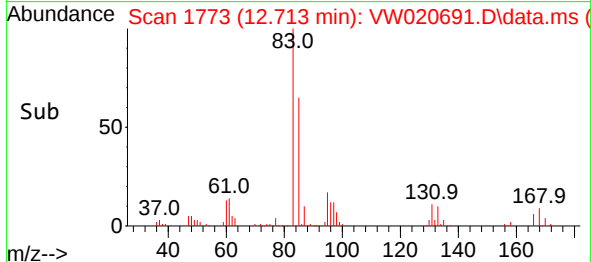
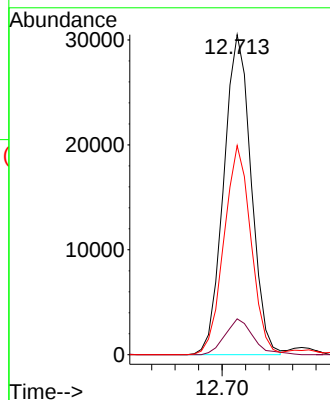
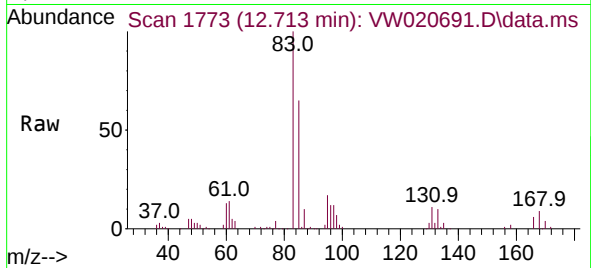
#75
1,1,2,2-Tetrachloroethane
Concen: 51.383 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 49370
Ion Ratio Lower Upper
83 100
131 11.5 5.8 17.3
85 64.6 31.8 95.4

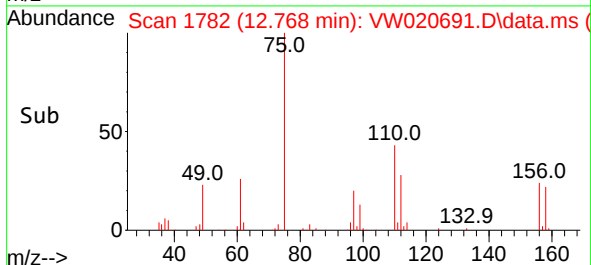
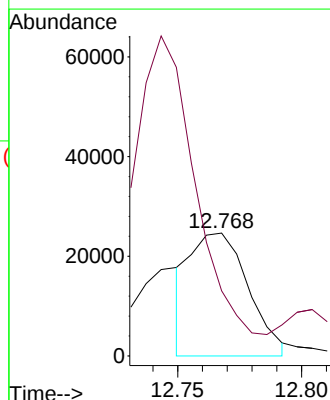
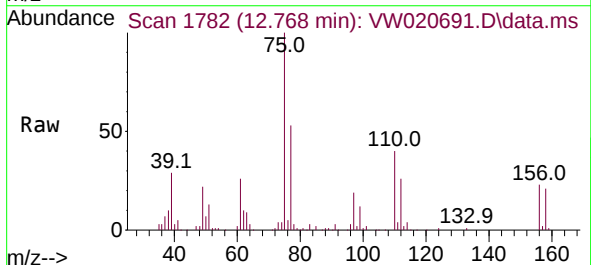
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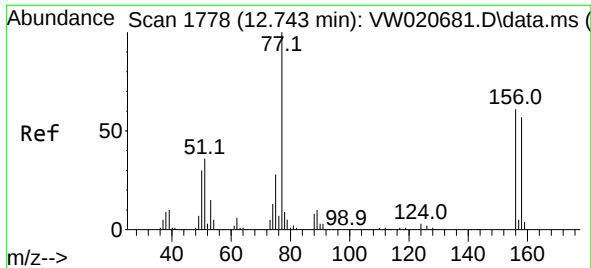
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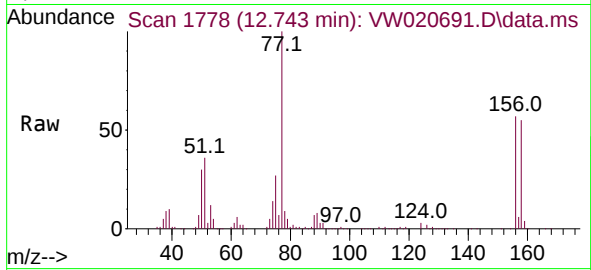
#76
1,2,3-Trichloropropane
Concen: 50.950 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 75 Resp: 40190
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

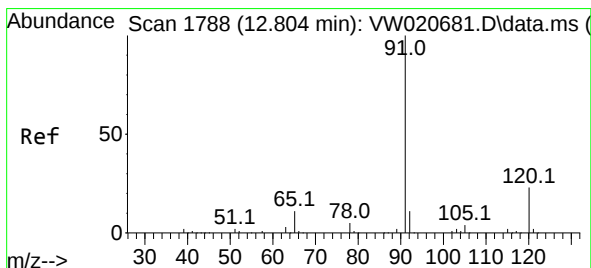
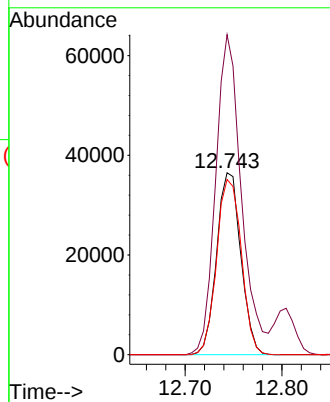
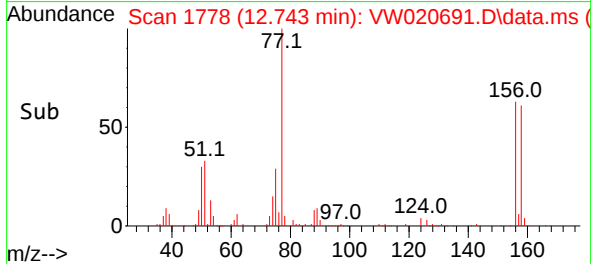




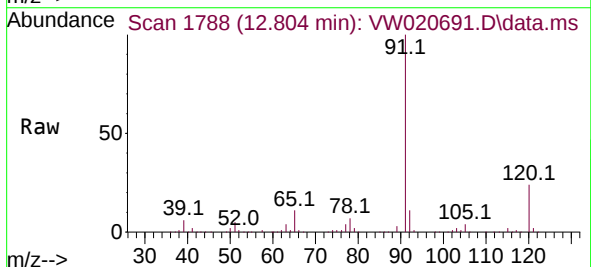
#77
Bromobenzene
Concen: 51.468 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



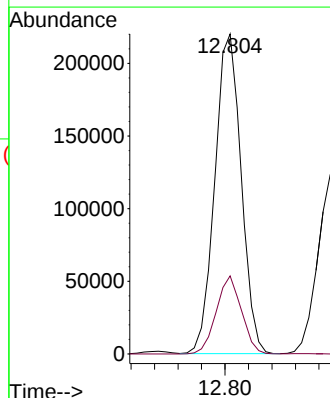
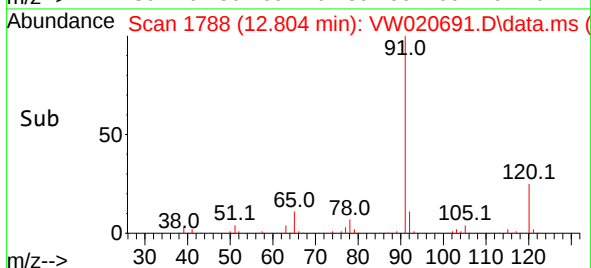
Tgt Ion: 156 Resp: 63315
Ion Ratio Lower Upper
156 100
77 187.1 91.8 275.6
158 98.5 47.9 143.8



#78
n-propylbenzene
Concen: 54.358 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



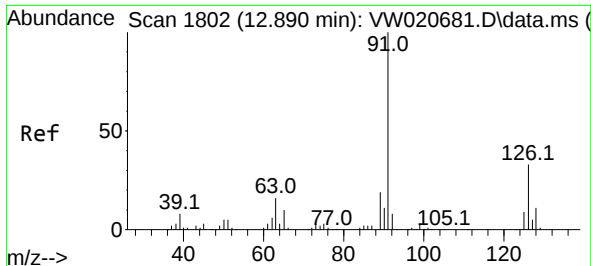
Tgt Ion: 91 Resp: 342394
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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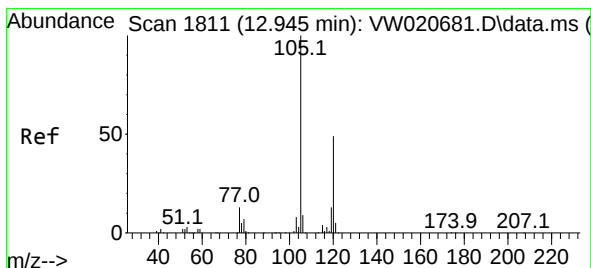
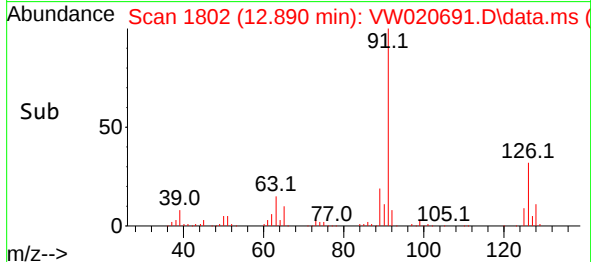
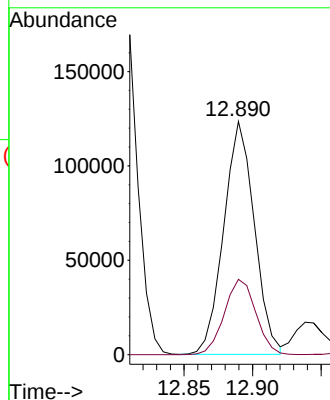
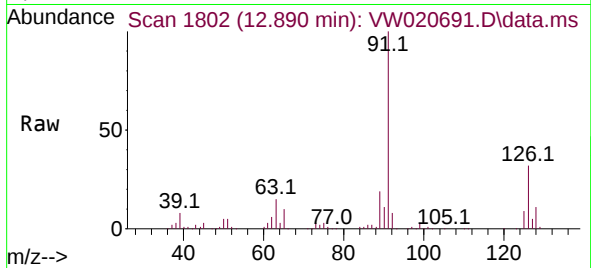
#79
2-Chlorotoluene
Concen: 53.090 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 91 Resp: 192373
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

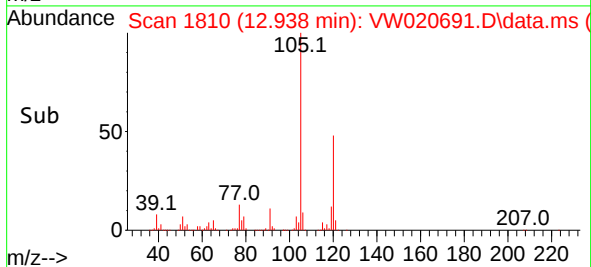
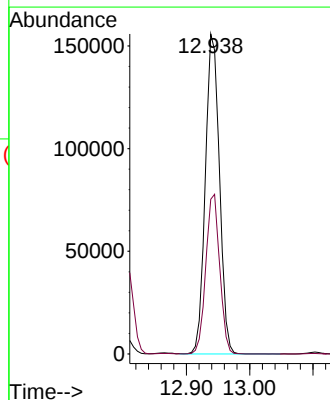
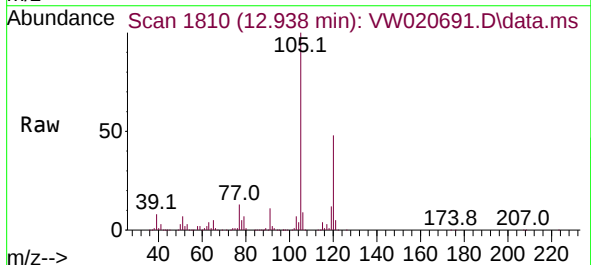
Manual Integrations
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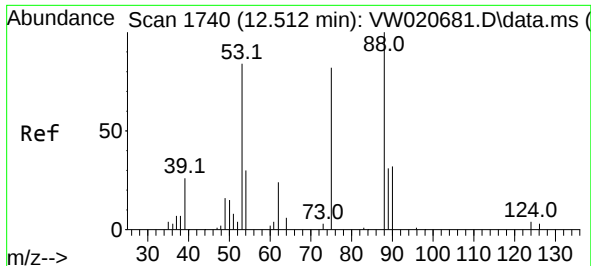
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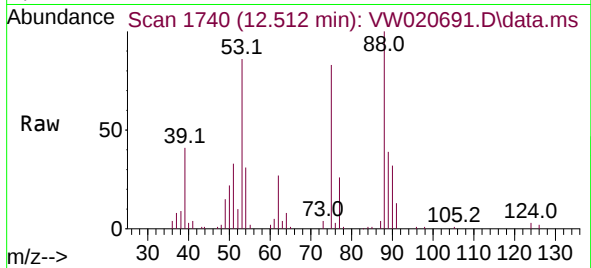
#80
1,3,5-Trimethylbenzene
Concen: 54.706 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion: 105 Resp: 242499
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9

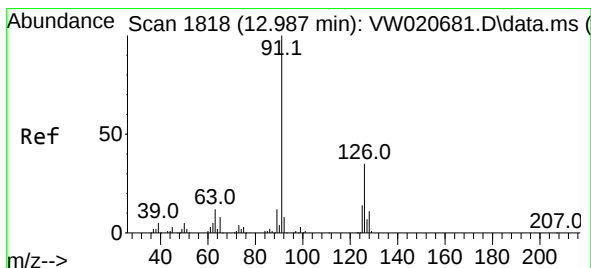
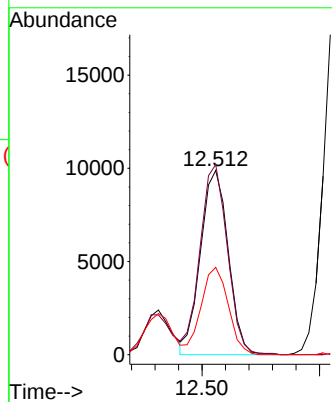
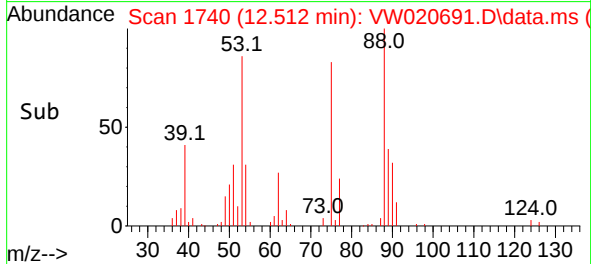




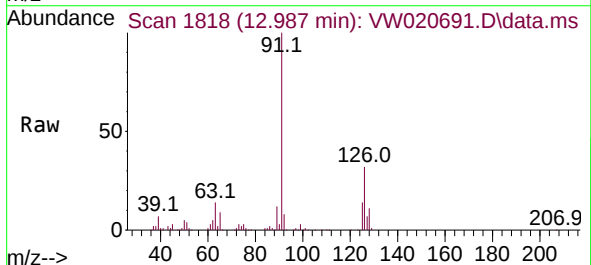
#81
trans-1,4-Dichloro-2-butene
Concen: 52.966 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



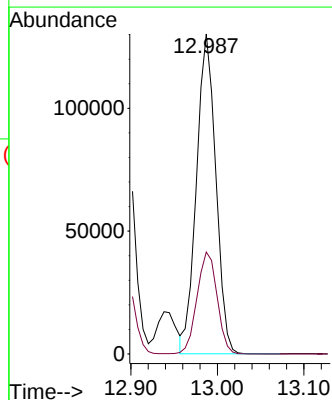
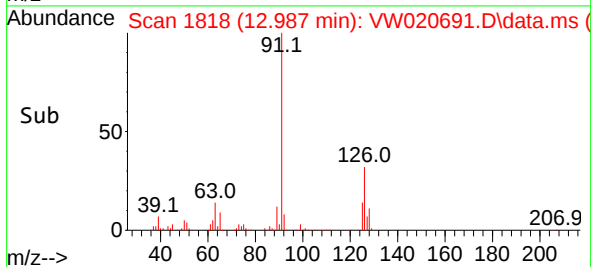
Tgt Ion: 75 Resp: 16264
Ion Ratio Lower Upper
75 100
53 101.7 83.7 125.5
89 46.6 36.7 55.1



#82
4-Chlorotoluene
Concen: 52.922 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



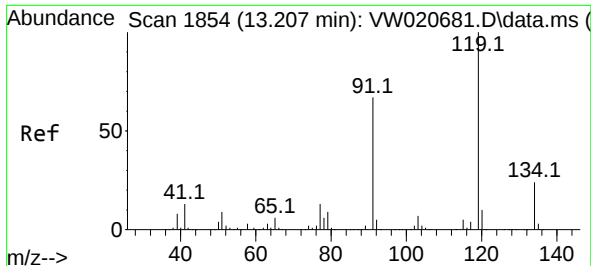
Tgt Ion: 91 Resp: 201701
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

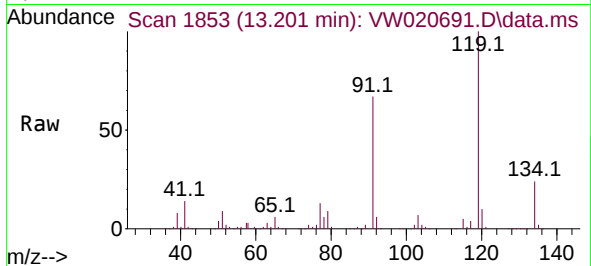
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#83
tert-Butylbenzene
Concen: 55.641 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

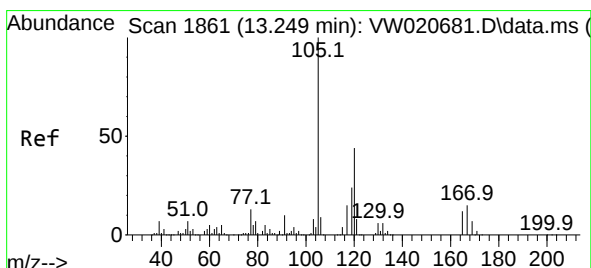
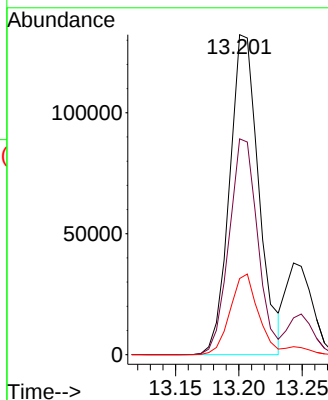
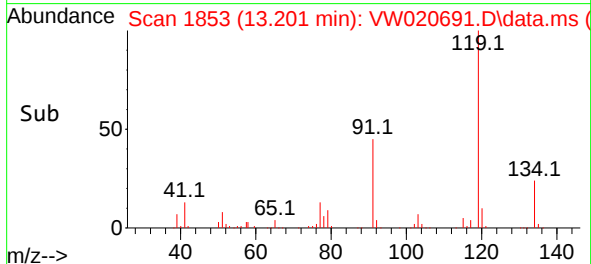
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



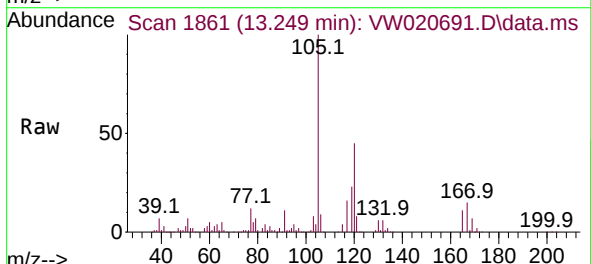
Tgt Ion:119 Resp: 212851
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.7
134 24.6 12.4 37.2

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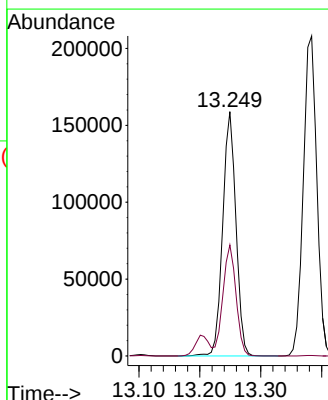
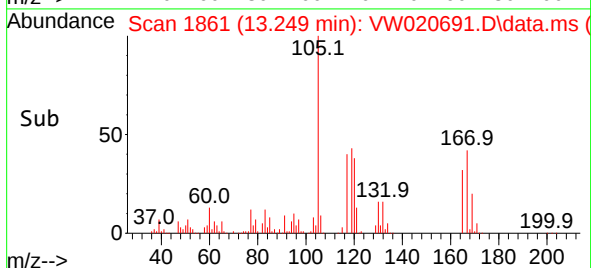
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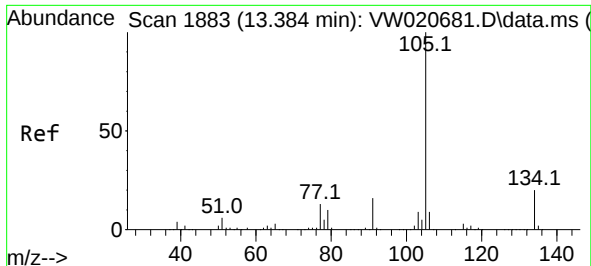


#84
1,2,4-Trimethylbenzene
Concen: 54.710 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



Tgt Ion:105 Resp: 240069
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.7





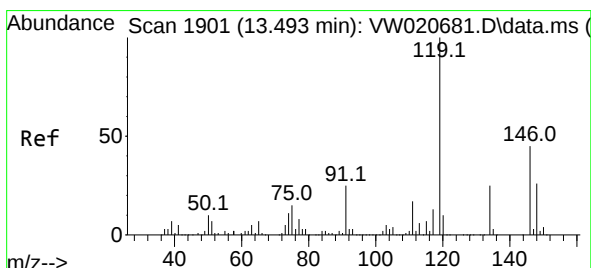
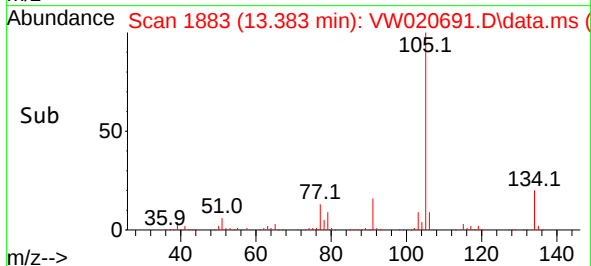
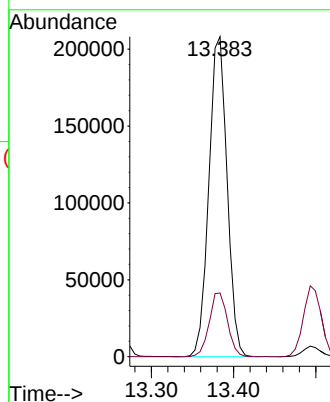
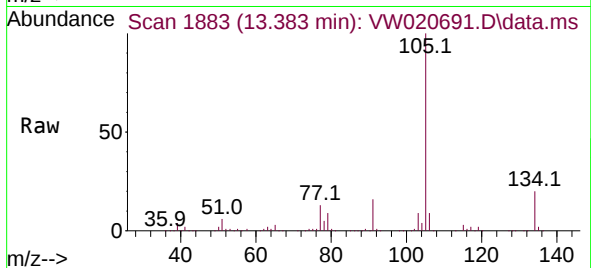
#85
sec-Butylbenzene
Concen: 55.702 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 319649
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.3

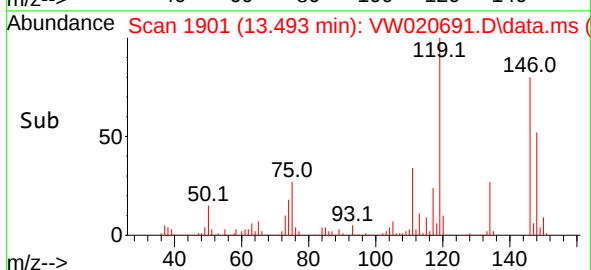
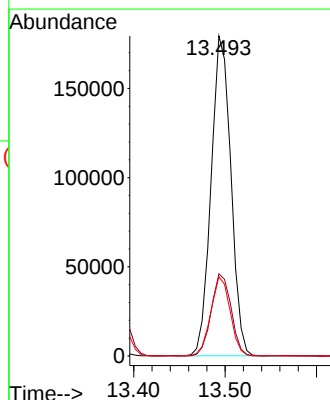
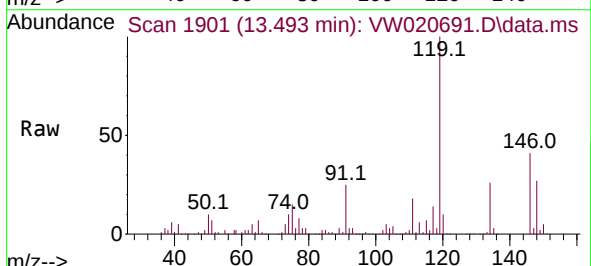
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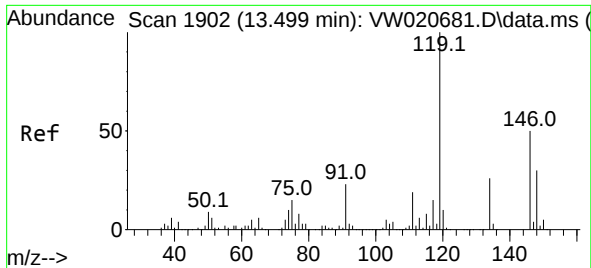
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#86
p-Isopropyltoluene
Concen: 55.198 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:119 Resp: 269451
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 24.2 12.0 36.0





#87

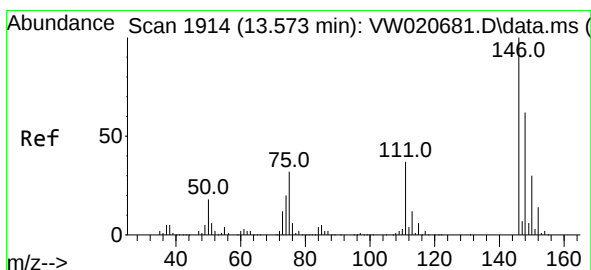
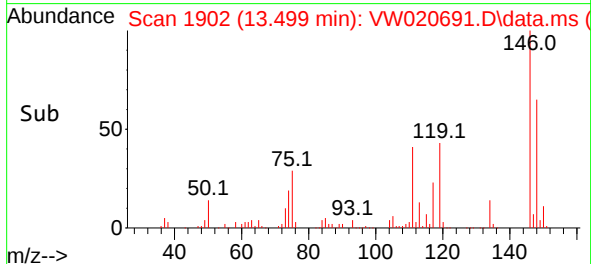
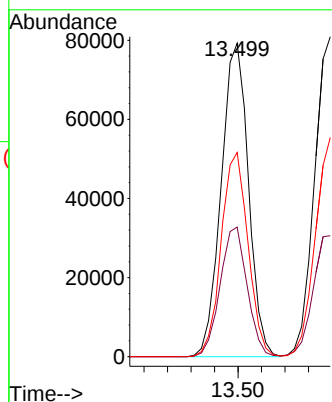
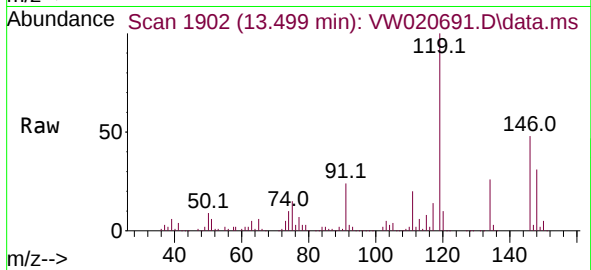
1,3-Dichlorobenzene
Concen: 50.441 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:146 Resp: 127699
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 64.1 30.8 92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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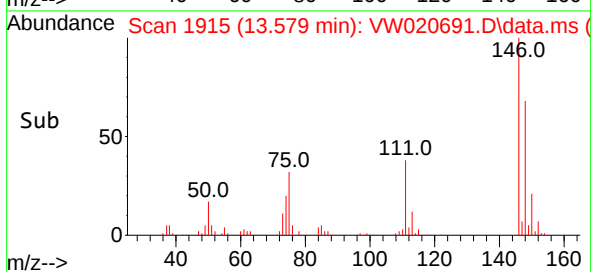
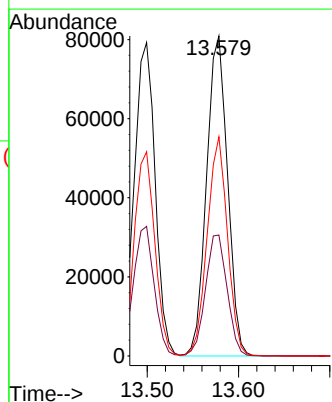
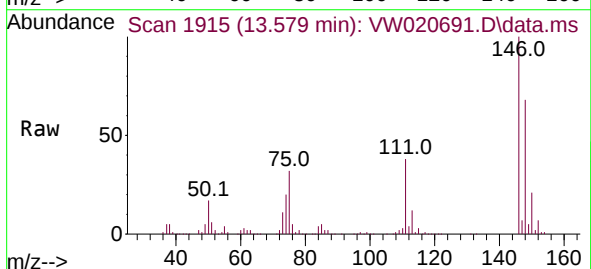
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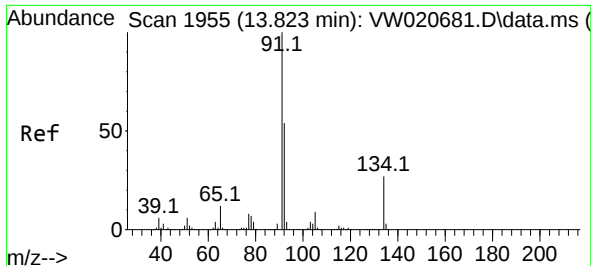


#88

1,4-Dichlorobenzene
Concen: 50.990 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

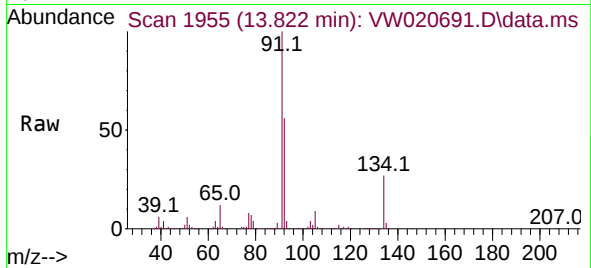
Tgt Ion:146 Resp: 128908
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.4
148 66.2 32.4 97.2





#89
n-Butylbenzene
Concen: 54.772 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

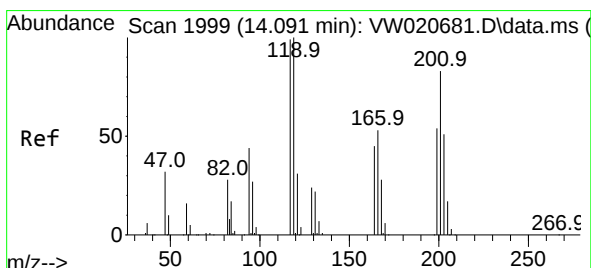
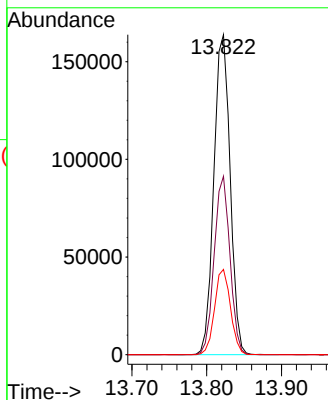
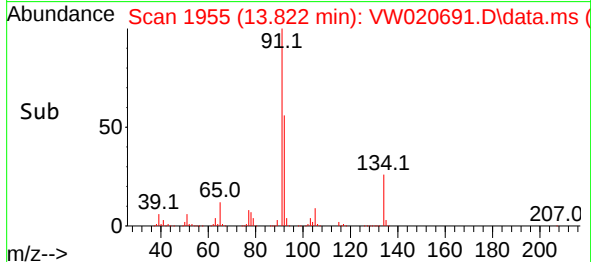
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



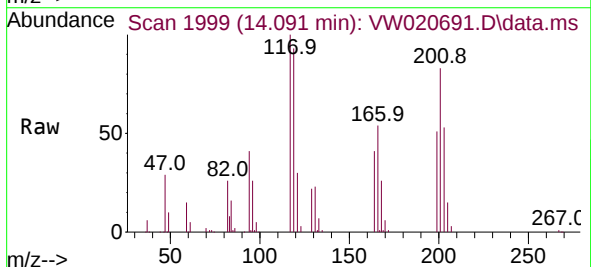
Tgt Ion: 91 Resp: 247956
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 26.1 13.4 40.1

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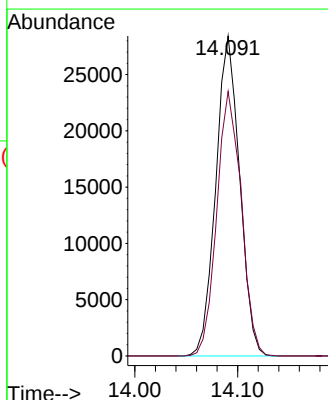
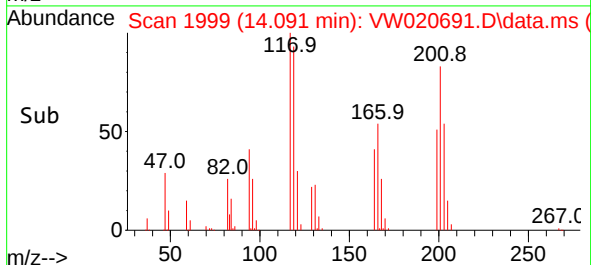
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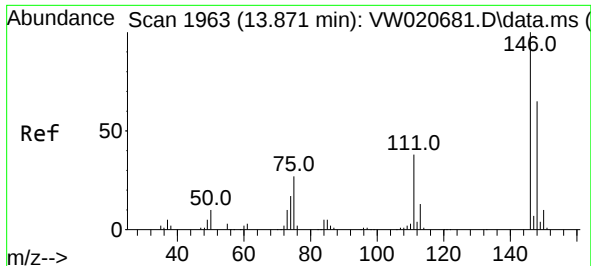


#90
Hexachloroethane
Concen: 53.767 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



Tgt Ion: 117 Resp: 45808
Ion Ratio Lower Upper
117 100
201 84.7 42.4 127.3





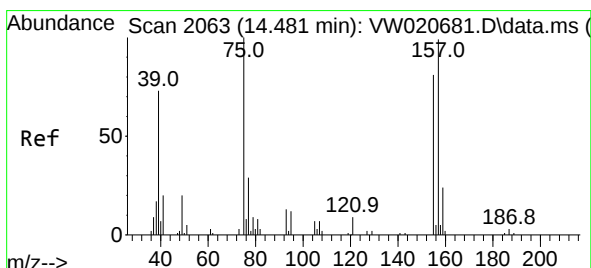
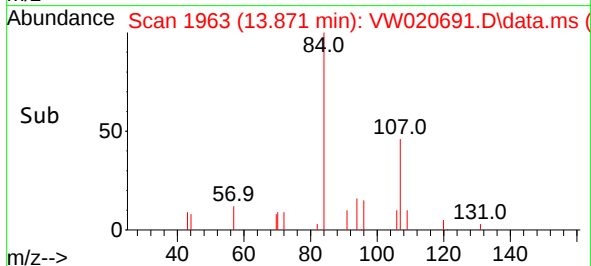
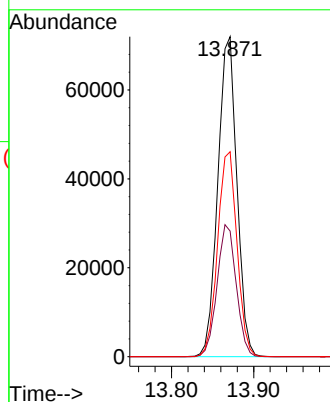
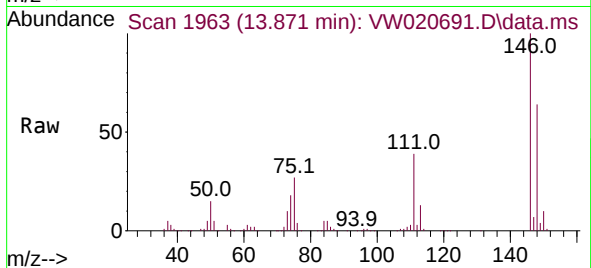
#91
1,2-Dichlorobenzene
Concen: 51.588 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

Tgt Ion:146 Resp: 115987
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 65.1 32.0 96.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

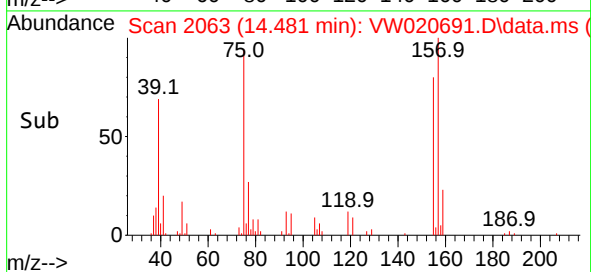
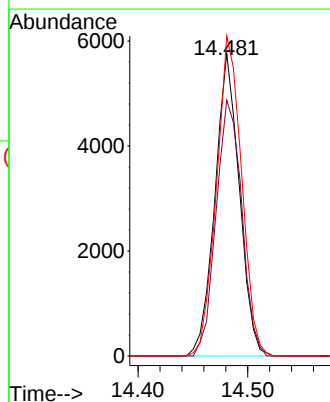
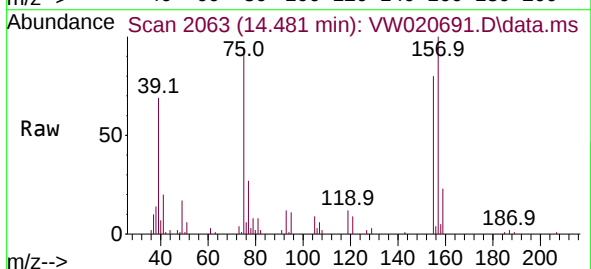
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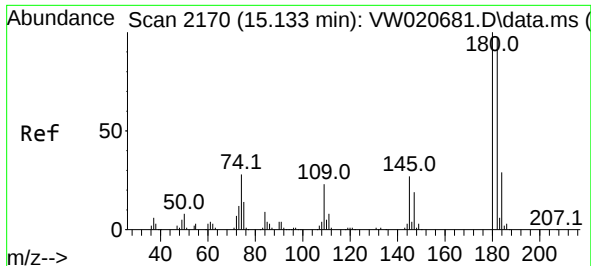
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#92
1,2-Dibromo-3-Chloropropane
Concen: 51.348 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

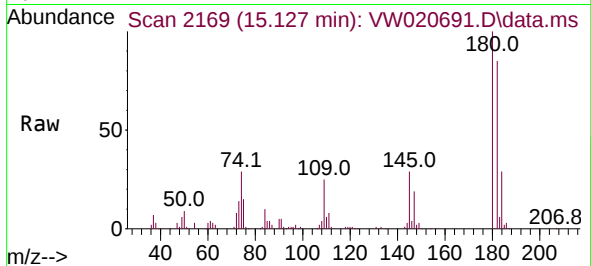
Tgt Ion: 75 Resp: 8905
Ion Ratio Lower Upper
75 100
155 88.8 42.5 127.6
157 108.9 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 52.764 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

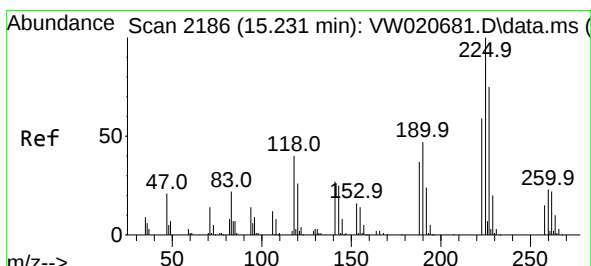
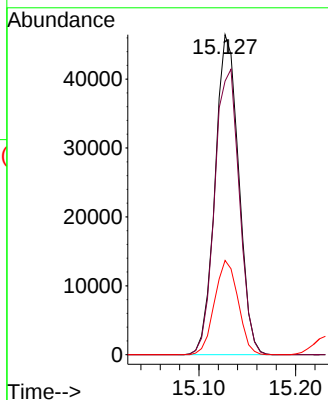
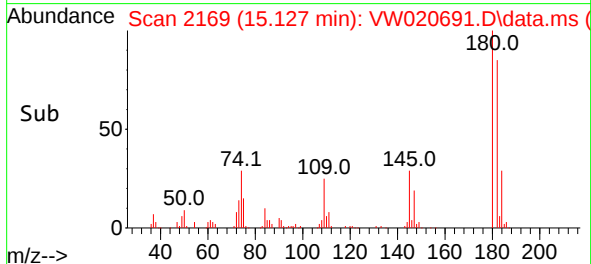
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



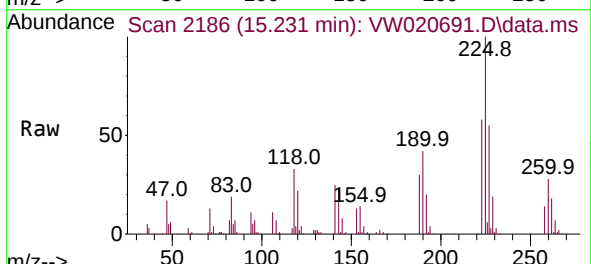
Tgt Ion:180 Resp: 78697
Ion Ratio Lower Upper
180 100
182 93.2 49.4 148.2
145 29.3 15.2 45.6

Manual Integrations
APPROVED

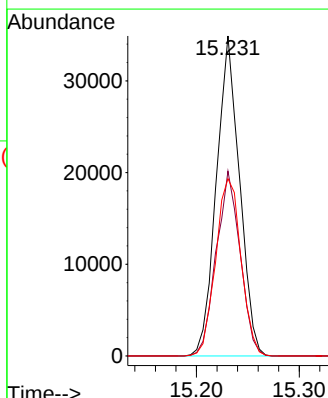
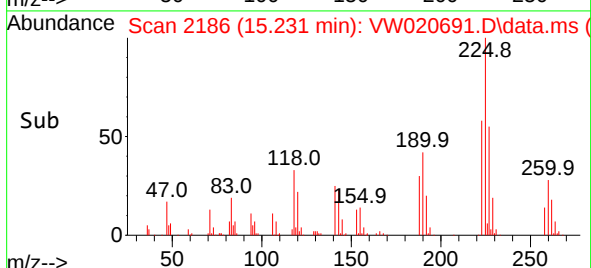
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10/25/2021 11:56:26 AM

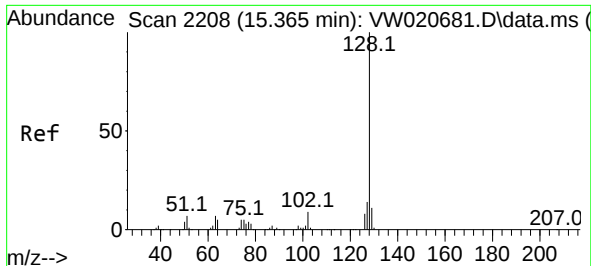


#94
Hexachlorobutadiene
Concen: 56.515 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



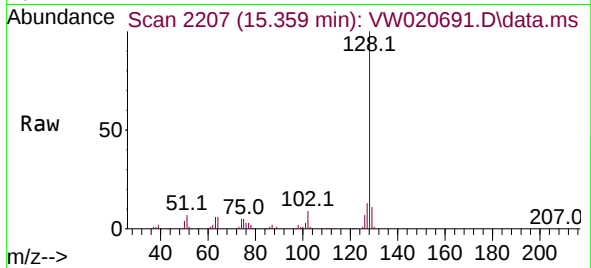
Tgt Ion:225 Resp: 54584
Ion Ratio Lower Upper
225 100
223 59.3 29.8 89.5
227 60.6 32.8 98.4





#95
Naphthalene
Concen: 55.741 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13

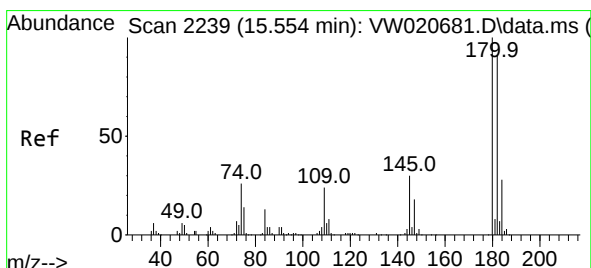
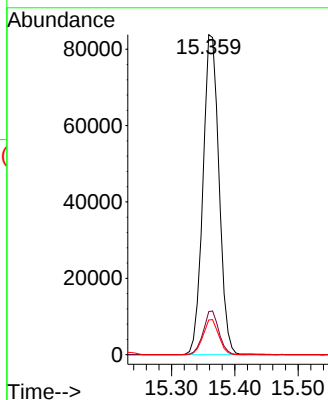
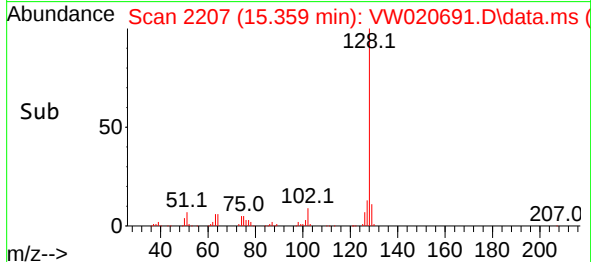
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



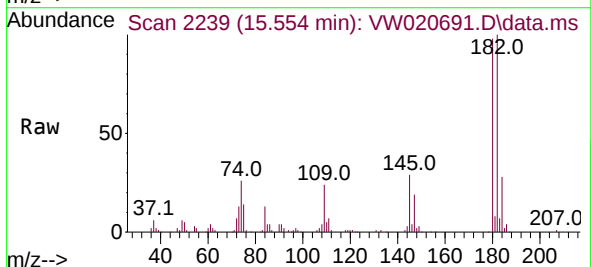
Tgt Ion:128 Resp: 148065
Ion Ratio Lower Upper
128 100
127 13.3 11.1 16.7
129 10.8 8.9 13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.136 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020691.D
Acq: 22 Oct 2021 19:13



Tgt Ion:180 Resp: 69059
Ion Ratio Lower Upper
180 100
182 96.2 46.4 139.2
145 31.1 15.7 47.0

