

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015696.D
 Acq On : 24 Jun 2020 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:38 PM

Quant Time: Jun 25 03:43:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104893	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	91656	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.32	98	353166	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	137598	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56020	55.300	ug/l	95
3) Chloromethane	2.21	50	62724	52.729	ug/l	97
4) Vinyl Chloride	2.37	62	101291	52.671	ug/l	99
5) Bromomethane	2.78	94	78965	55.867	ug/l	96
6) Chloroethane	2.93	64	70751	55.905	ug/l	100
7) Trichlorofluoromethane	3.26	101	75018	51.953	ug/l	95
8) Diethyl Ether	3.68	74	48139	57.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88664	52.094	ug/l	99
10) Methyl Iodide	4.27	142	131431	54.612	ug/l	100
11) Tert butyl alcohol	5.20	59	31164	304.541	ug/l	99
12) 1,1-Dichloroethene	4.04	96	86368	52.114	ug/l	99
13) Acrolein	3.89	56	34069	259.444	ug/l	100
14) Allyl chloride	4.67	41	143457	53.355	ug/l	99
15) Acrylonitrile	5.37	53	105650	307.065	ug/l	99
16) Acetone	4.13	43	89102	247.948	ug/l	99
17) Carbon Disulfide	4.38	76	250401	52.496	ug/l	100
18) Methyl Acetate	4.68	43	47428	65.197	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	146321	58.665	ug/l	98
20) Methylene Chloride	4.92	84	105254	61.129	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	104173	54.825	ug/l	98
22) Diisopropyl ether	6.32	45	306617	57.337	ug/l	98
23) Vinyl Acetate	6.26	43	952816	305.534	ug/l	99
24) 1,1-Dichloroethane	6.22	63	185892	55.223	ug/l	100
25) 2-Butanone	7.18	43	138173	284.493	ug/l	97
26) 2,2-Dichloropropane	7.16	77	105403	46.685	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114035	55.790	ug/l	99
28) Bromochloromethane	7.51	49	73439	56.716	ug/l	100
29) Tetrahydrofuran	7.54	42	89463	313.458	ug/l	100
30) Chloroform	7.68	83	193854	56.152	ug/l	97
31) Cyclohexane	7.96	56	159753	49.061	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	156644	53.230	ug/l	99
36) 1,1-Dichloropropene	8.09	75	150091	51.350	ug/l	99
37) Ethyl Acetate	7.26	43	65132	58.360	ug/l	99
38) Carbon Tetrachloride	8.07	117	143283	50.571	ug/l	96

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Quant Time: Jun 25 03:43:23 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177864	50.240	ug/l	100
40) Benzene	8.32	78	423879	53.334	ug/l	99
41) Methacrylonitrile	7.48	41	37734	58.912	ug/l	95
42) 1,2-Dichloroethane	8.40	62	138697	56.411	ug/l	100
43) Isopropyl Acetate	8.43	43	130206	58.464	ug/l	99
44) Trichloroethene	9.09	130	111140	51.882	ug/l	94
45) 1,2-Dichloropropane	9.37	63	105549	54.333	ug/l	98
46) Dibromomethane	9.46	93	56787	56.498	ug/l	99
47) Bromodichloromethane	9.65	83	146244	55.780	ug/l	96
48) Methyl methacrylate	9.44	41	60794	59.706	ug/l	96
49) 1,4-Dioxane	9.46	88	16951	1285.586	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	327735	305.143	ug/l	100
52) Toluene	10.39	92	282112	54.973	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	141102	55.710	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	165381	54.658	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81535	58.344	ug/l	99
56) Ethyl methacrylate	10.65	69	105811	60.852	ug/l	96
57) 1,3-Dichloropropane	10.93	76	141740	57.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	245156	297.935	ug/l	100
59) 2-Hexanone	10.97	43	225932	308.989	ug/l	100
60) Dibromochloromethane	11.13	129	96170	59.054	ug/l	99
61) 1,2-Dibromoethane	11.24	107	77992	58.386	ug/l	100
64) Tetrachloroethene	10.87	164	91373	48.688	ug/l	91
65) Chlorobenzene	11.66	112	296155	52.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	106511	53.934	ug/l	96
67) Ethyl Benzene	11.73	91	551406	52.605	ug/l	99
68) m/p-Xylenes	11.84	106	422620	107.373	ug/l	99
69) o-Xylene	12.17	106	195127	53.918	ug/l	99
70) Styrene	12.18	104	344850	55.773	ug/l	99
71) Bromoform	12.35	173	51603	56.792	ug/l #	95
73) Isopropylbenzene	12.46	105	543496	51.307	ug/l	100
74) N-amyl acetate	12.27	43	129674	57.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96688	57.055	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	69356m	54.756	ug/l	
77) Bromobenzene	12.75	156	125937	53.317	ug/l	99
78) n-propylbenzene	12.80	91	644628	50.557	ug/l	99
79) 2-Chlorotoluene	12.90	91	372848	51.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	466470	51.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26786	53.292	ug/l	93
82) 4-Chlorotoluene	12.99	91	396102	52.151	ug/l	99
83) tert-Butylbenzene	13.21	119	395734	52.181	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	470241	52.534	ug/l	99
85) sec-Butylbenzene	13.38	105	553333	51.052	ug/l	100
86) p-Isopropyltoluene	13.50	119	513352	52.129	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	243211	51.869	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	239591	51.592	ug/l	98
89) n-Butylbenzene	13.82	91	481949	50.981	ug/l	99
90) Hexachloroethane	14.10	117	91181	52.029	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	218641	53.930	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15992	58.932	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	145784	54.453	ug/l	99
94) Hexachlorobutadiene	15.24	225	89547	52.502	ug/l	98
95) Naphthalene	15.36	128	280162	63.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135143	58.629	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

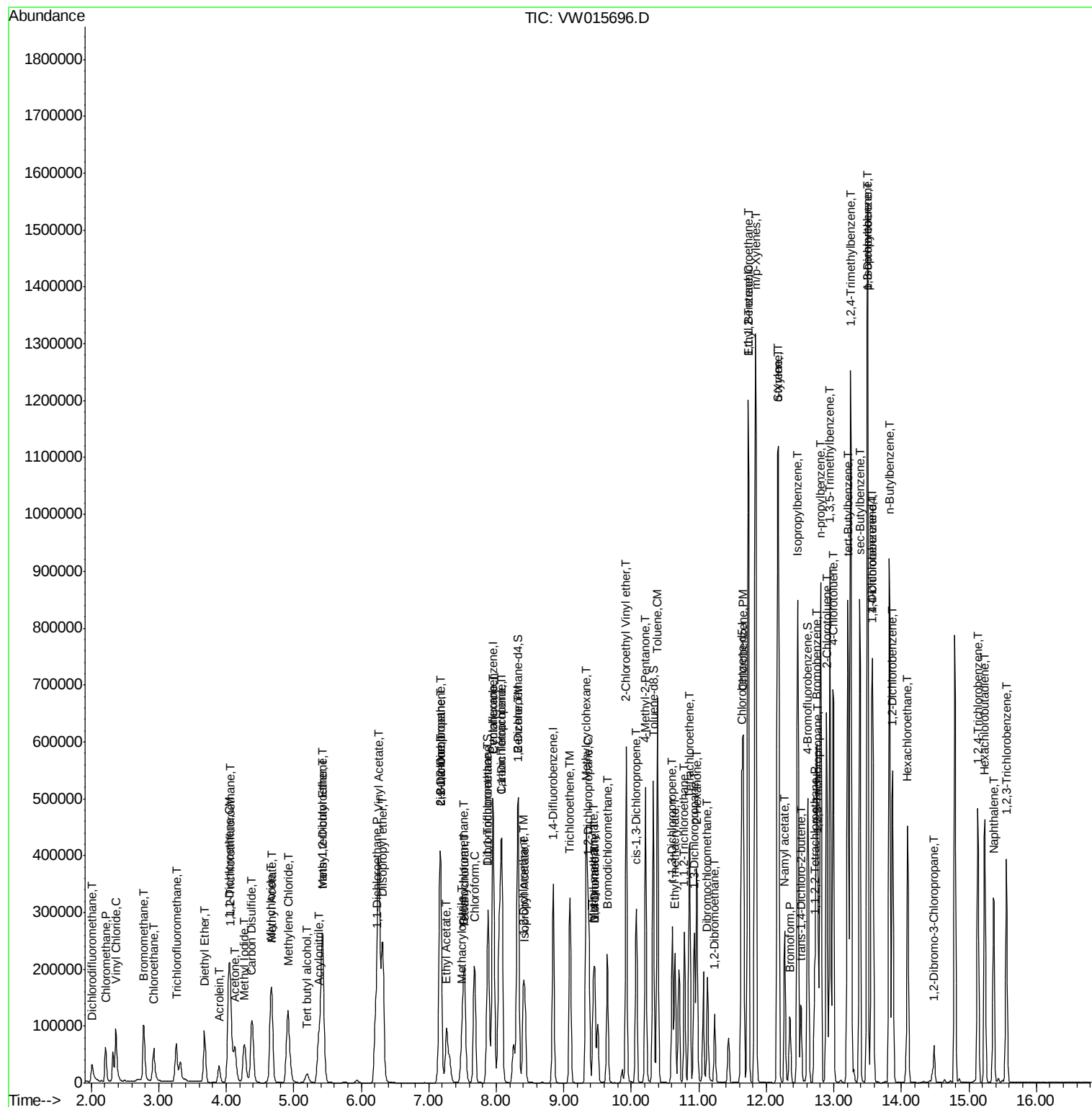
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\
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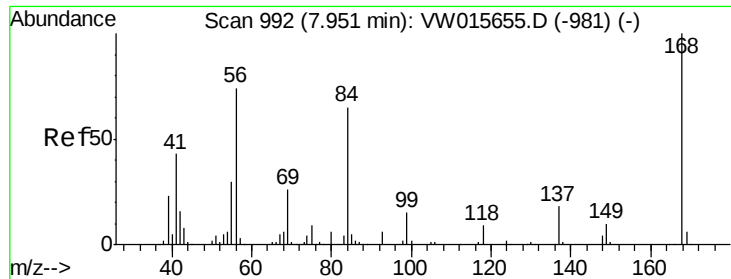
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 169896

Ion Ratio Lower Upper

168 100

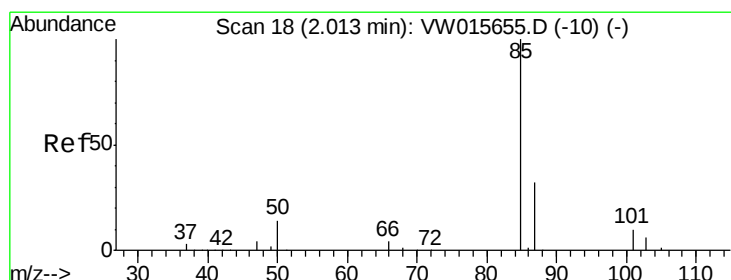
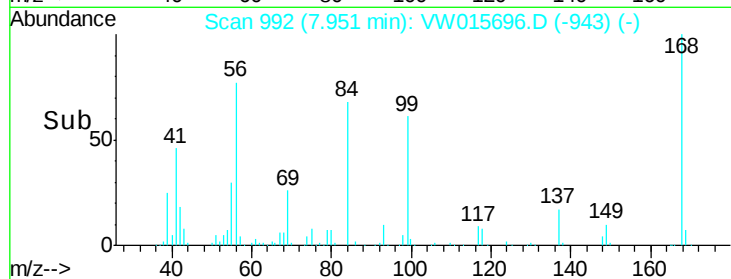
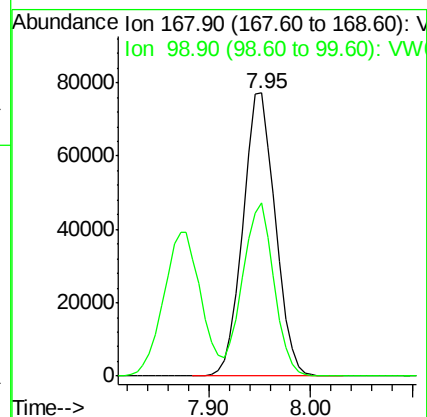
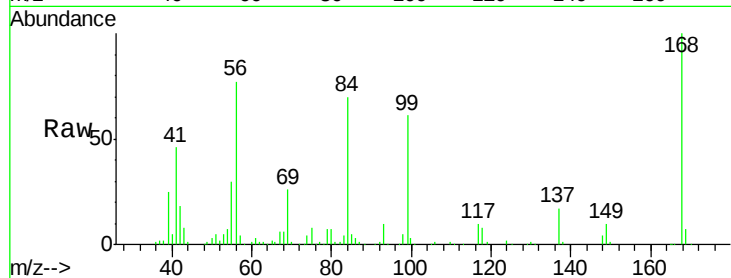
99 61.2 48.6 73.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 55.300 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015696.D

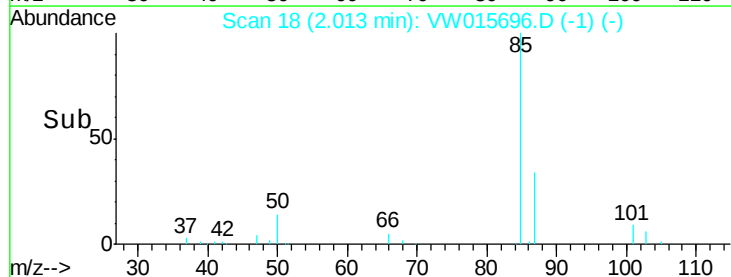
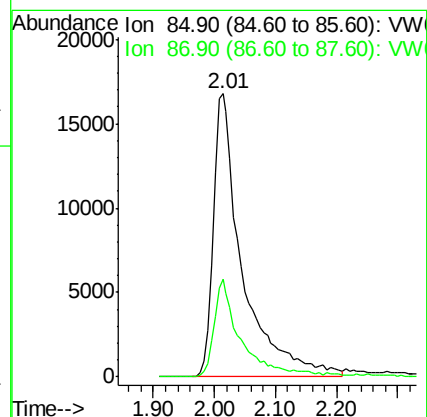
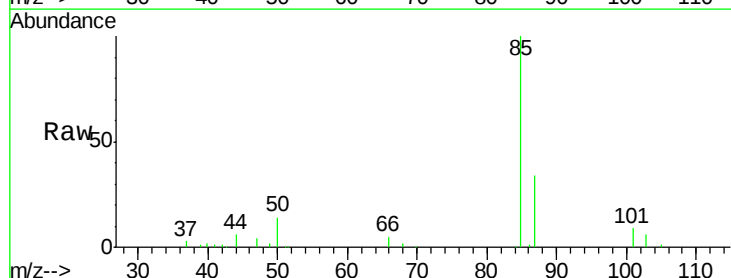
Acq: 24 Jun 2020 21:01

Tgt Ion: 85 Resp: 56020

Ion Ratio Lower Upper

85 100

87 34.4 15.9 47.6





#3

Chloromethane

Concen: 52.729 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 62724

Ion Ratio Lower Upper

50 100

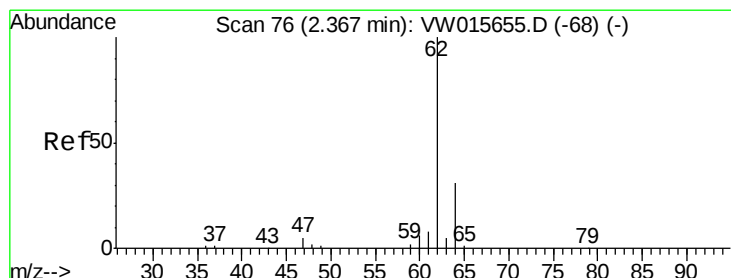
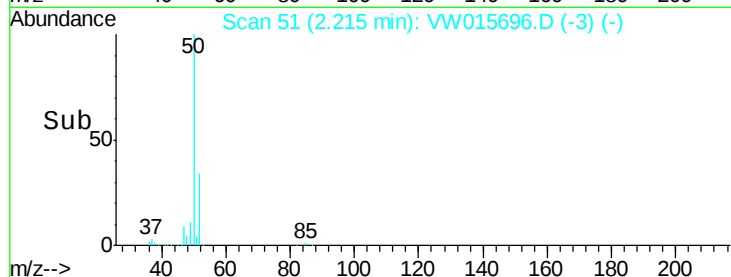
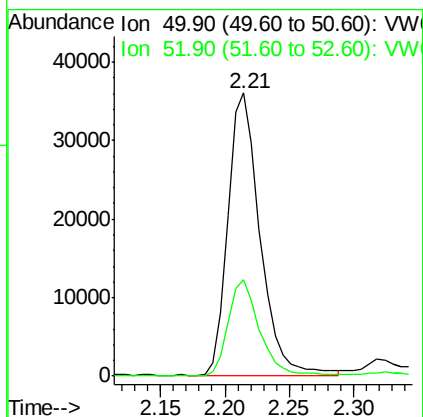
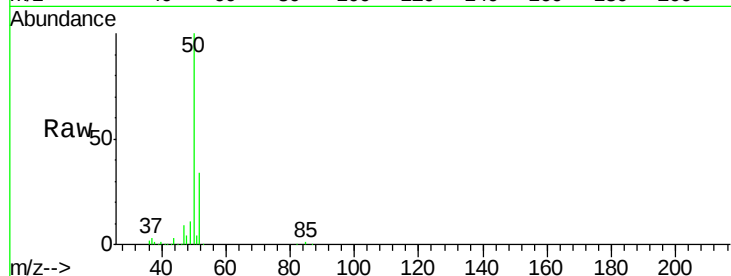
52 34.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.671 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015696.D

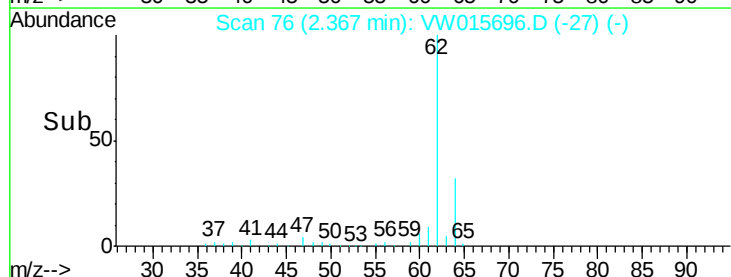
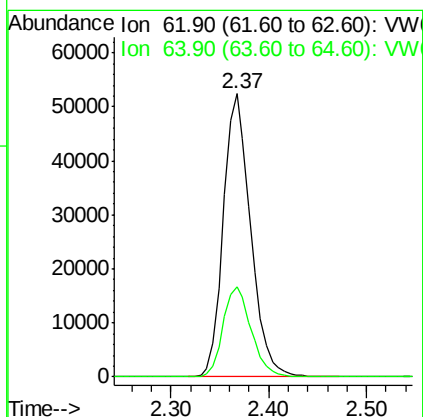
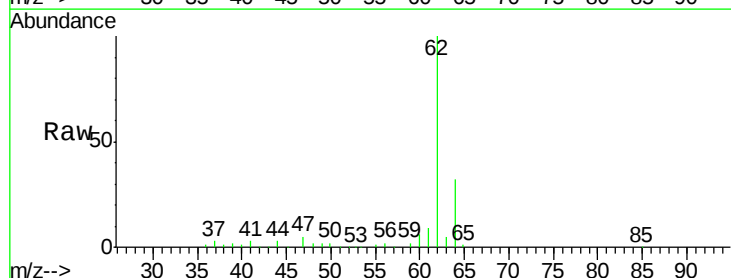
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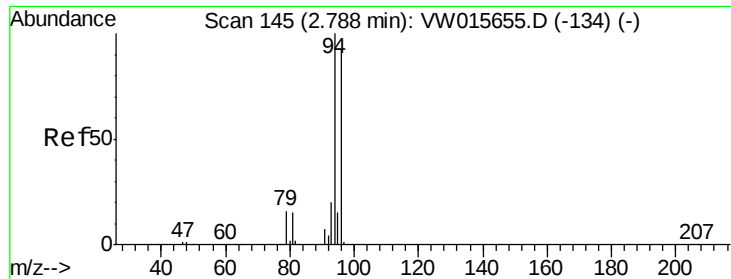
Tgt Ion: 62 Resp: 101291

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 55.867 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

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Tot Ion: 94 Resp: 78965

Ion Ratio Lower Upper

94 100

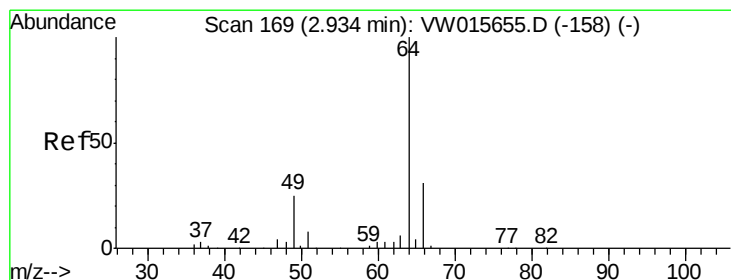
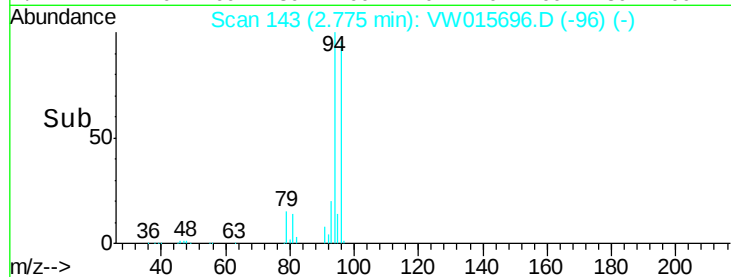
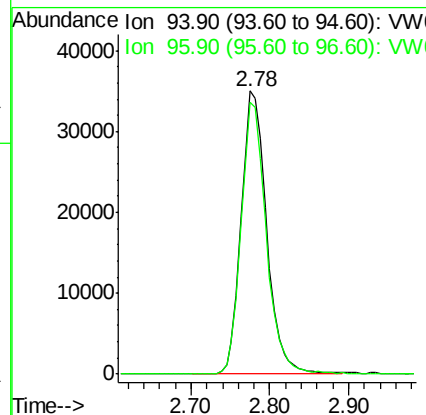
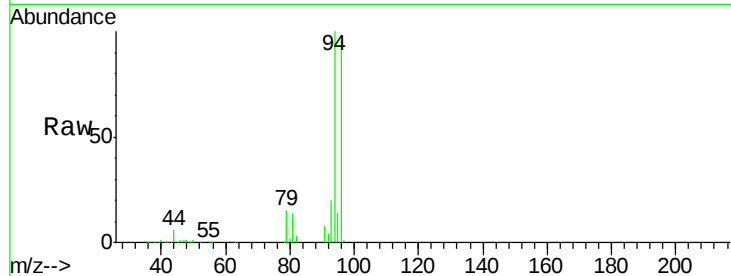
96 95.9 73.8 110.6

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#6

Chloroethane

Concen: 55.905 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015696.D

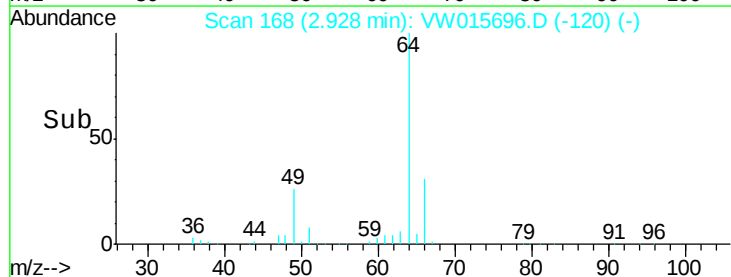
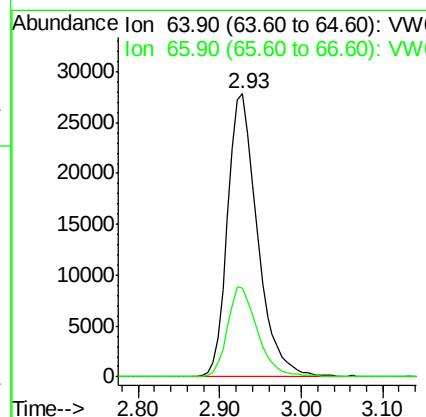
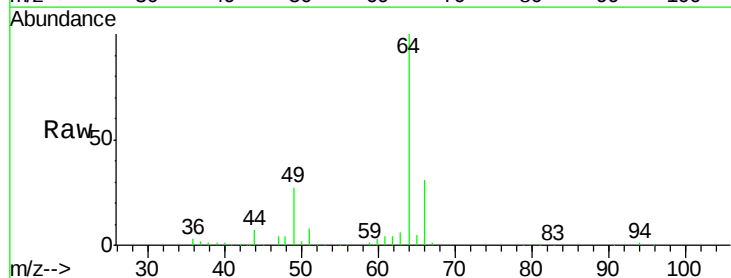
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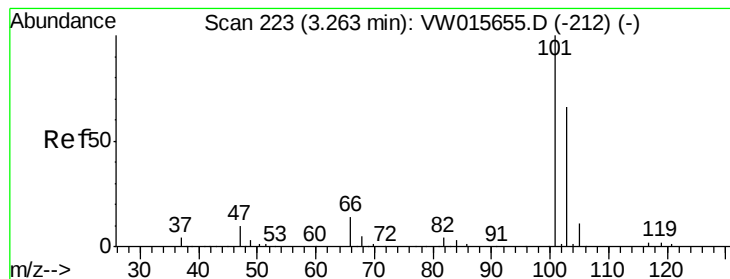
Tgt Ion: 64 Resp: 70751

Ion Ratio Lower Upper

64 100

66 31.5 25.3 37.9





#7

Trichlorofluoromethane

Concen: 51.953 ug/l

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

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Tot Ion:101 Resp: 75018

Ion Ratio Lower Upper

101 100

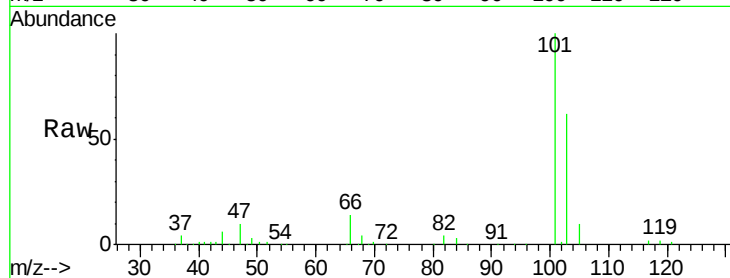
103 61.9 52.6 78.8

Manual Integrations

APPROVED

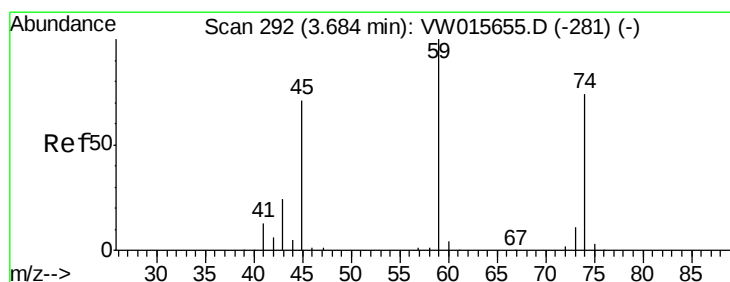
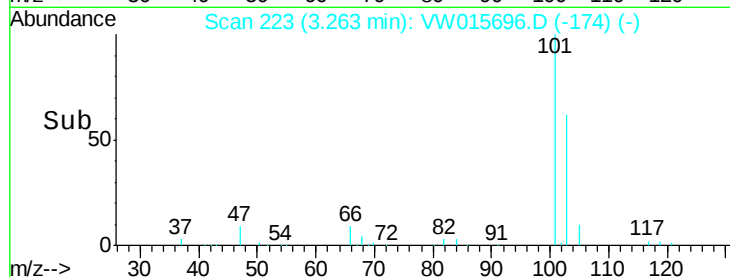
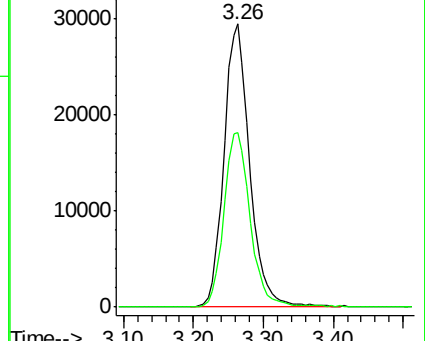
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 57.726 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW015696.D

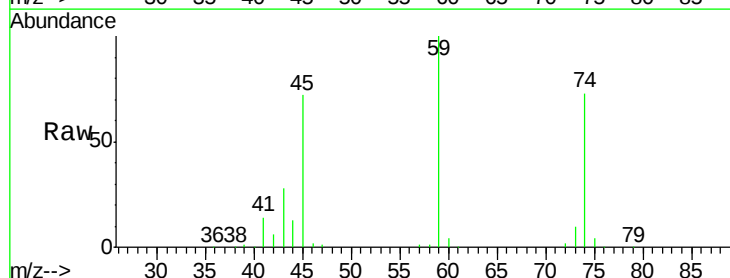
Acq: 24 Jun 2020 21:01

Tgt Ion: 74 Resp: 48139

Ion Ratio Lower Upper

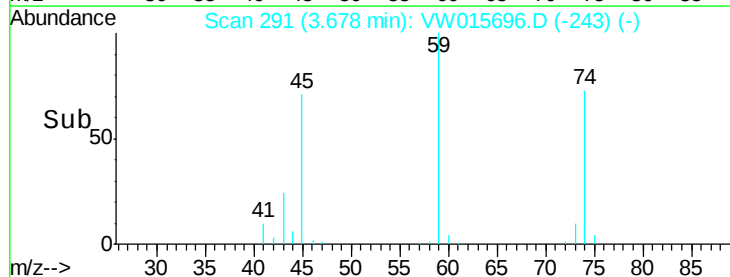
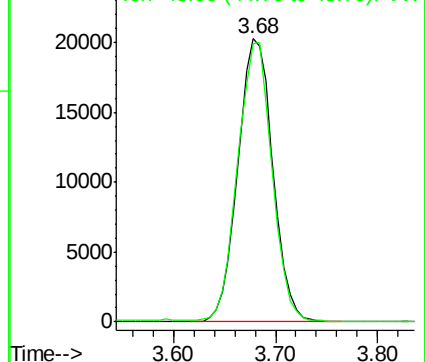
74 100

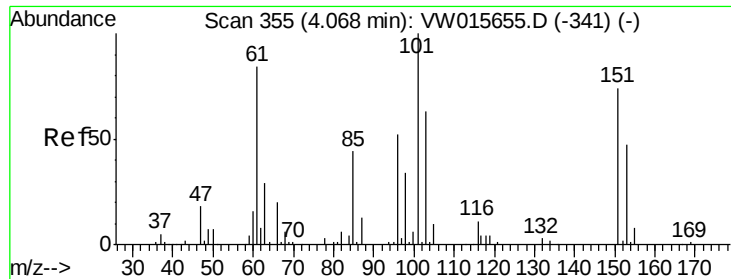
45 97.7 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





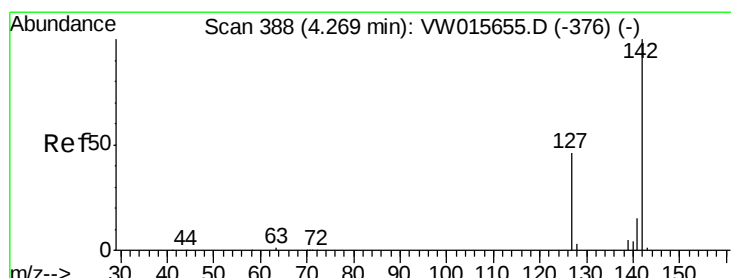
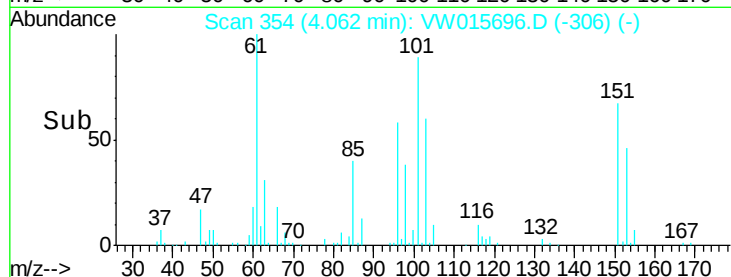
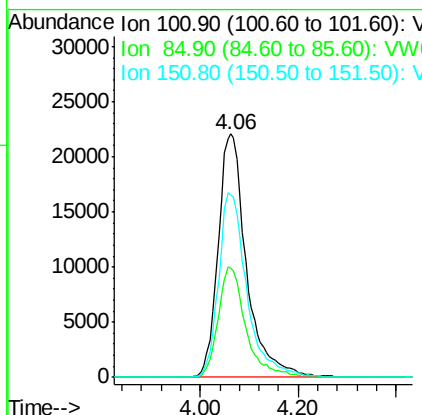
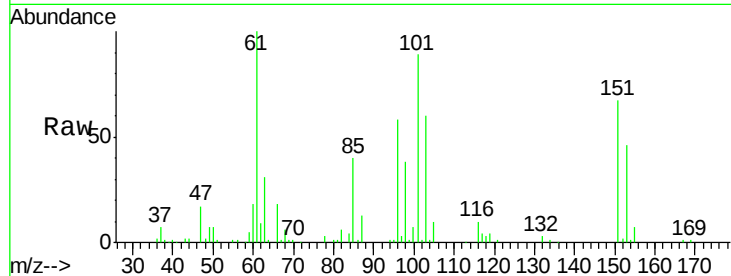
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.094 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.6	55.0
151	75.9	60.4	90.6

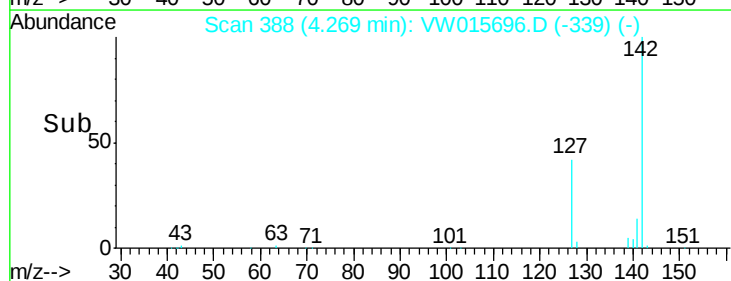
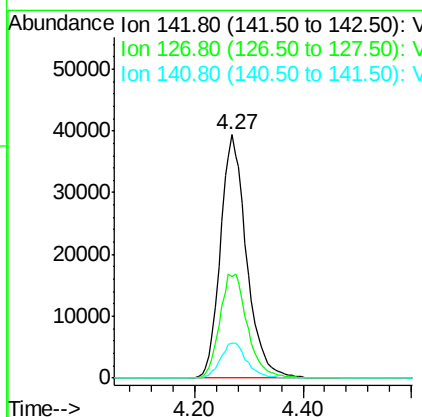
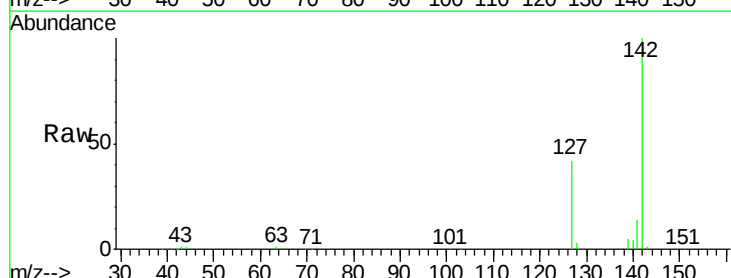
Manual Integrations
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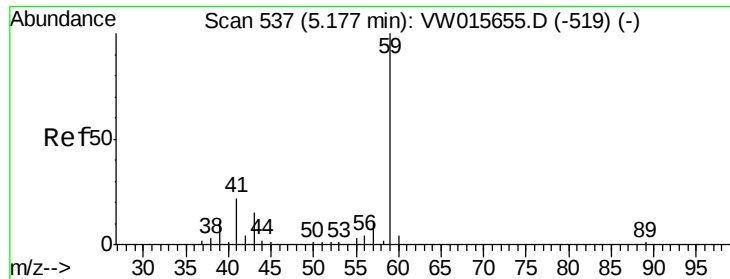
MMDadoda
 6/25/2020 4:18:38 PM



#10
 Methyl Iodide
 Concen: 54.612 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.4	36.4	54.6
141	14.7	11.6	17.4





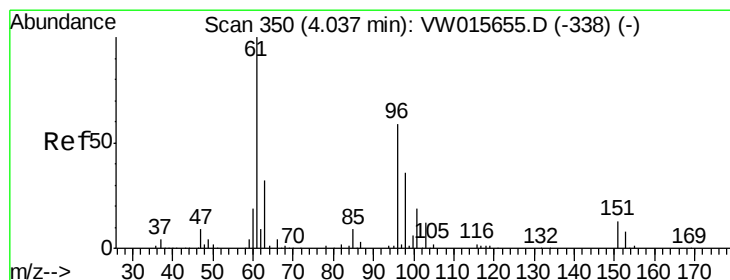
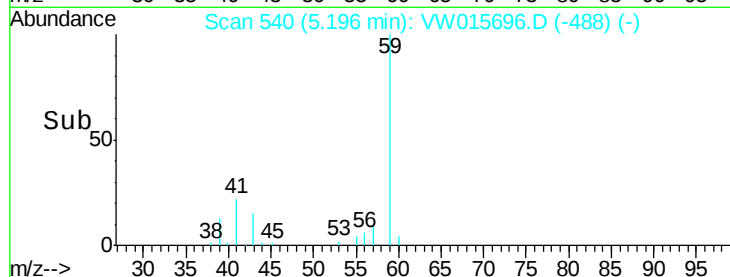
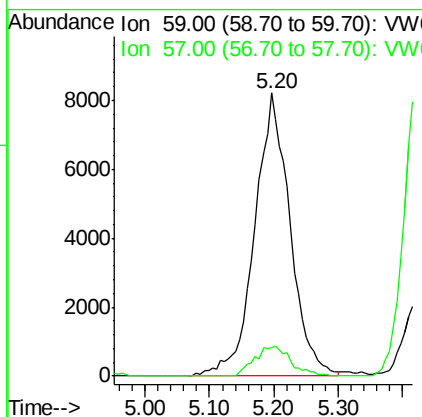
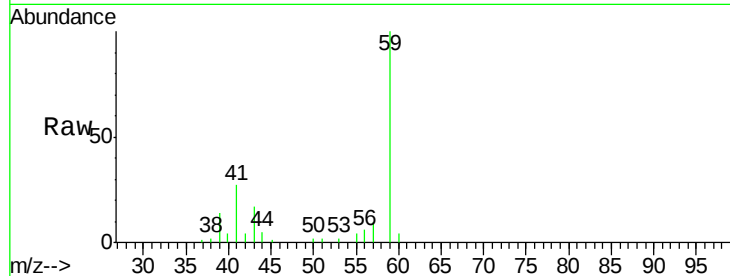
#11
Tert butyl alcohol
Concen: 304.541 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

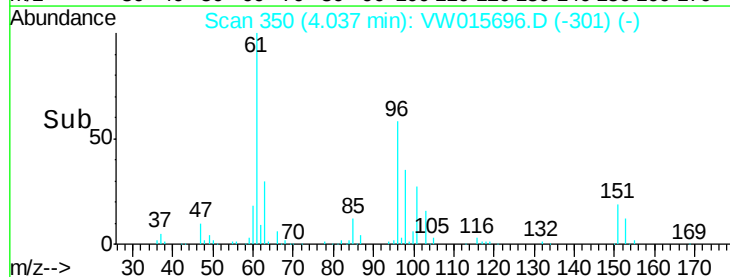
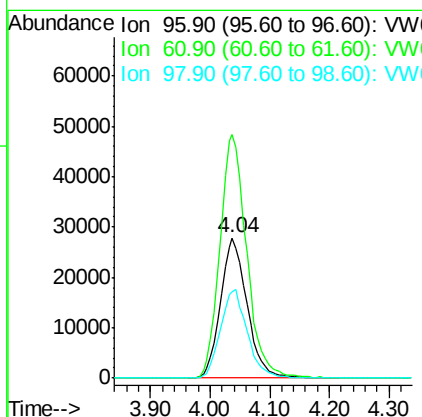
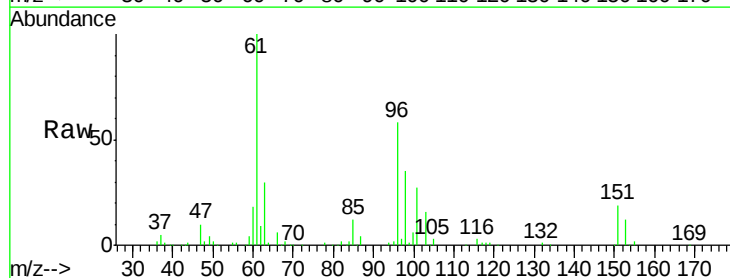
Manual Integrations
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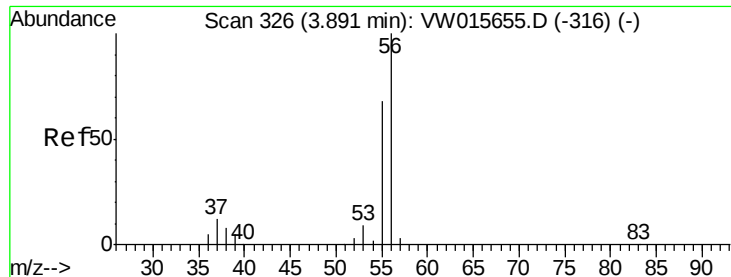
MMDadoda
6/25/2020 4:18:38 PM



#12
1,1-Dichloroethene
Concen: 52.114 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.5	136.7	205.1
98	61.4	49.2	73.8





#13

Acrolein

Concen: 259.444 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 34069

Ion Ratio Lower Upper

56 100

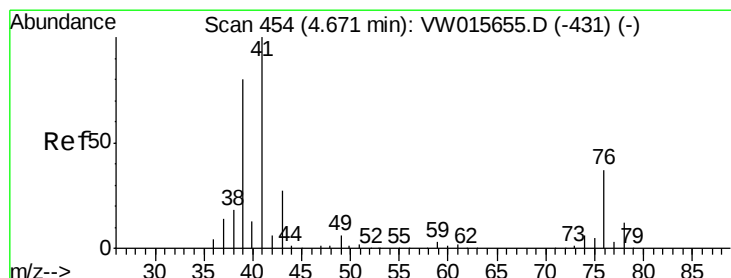
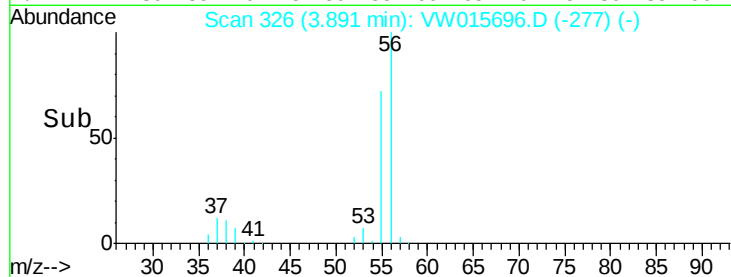
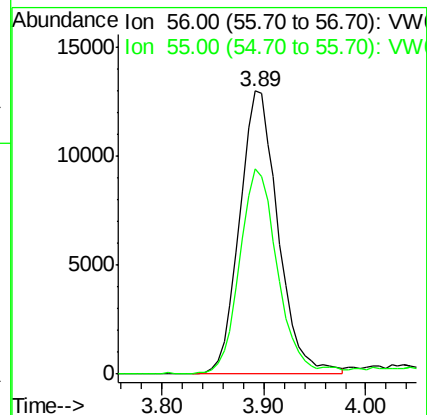
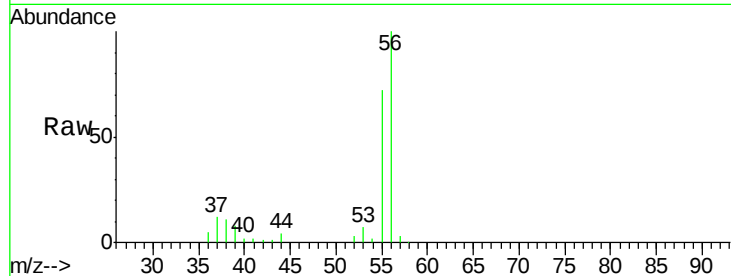
55 70.4 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 53.355 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

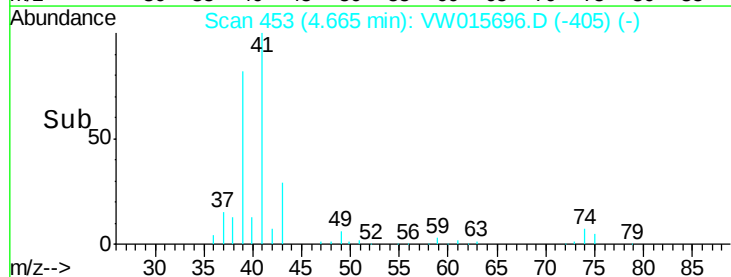
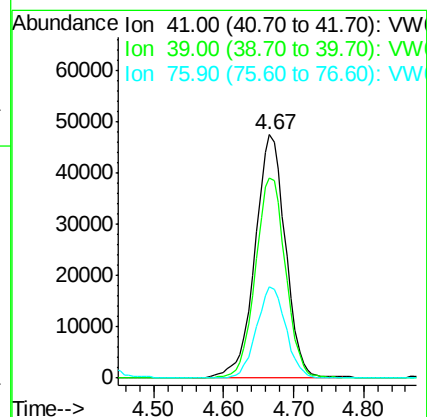
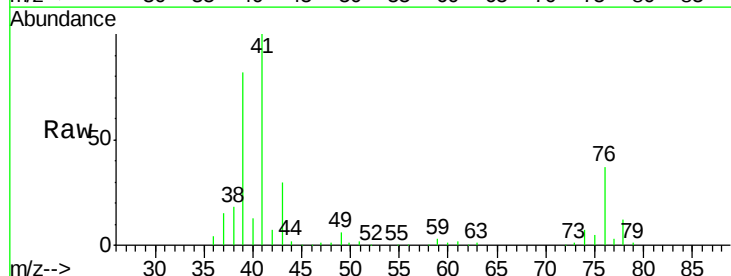
Tgt Ion: 41 Resp: 143457

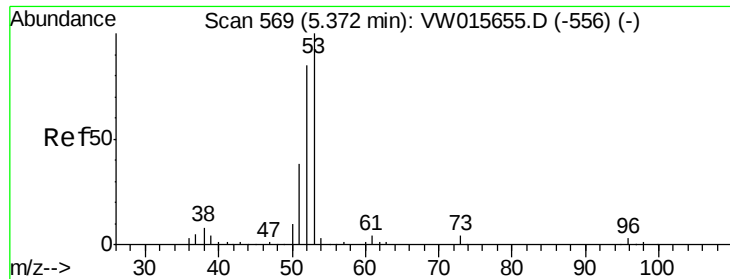
Ion Ratio Lower Upper

41 100

39 81.4 64.6 97.0

76 35.9 29.1 43.7





#15

Acrylonitrile

Concen: 307.065 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

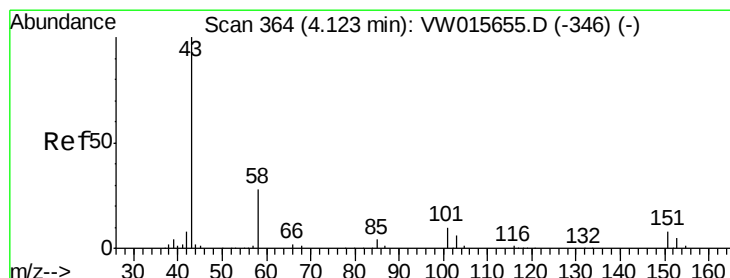
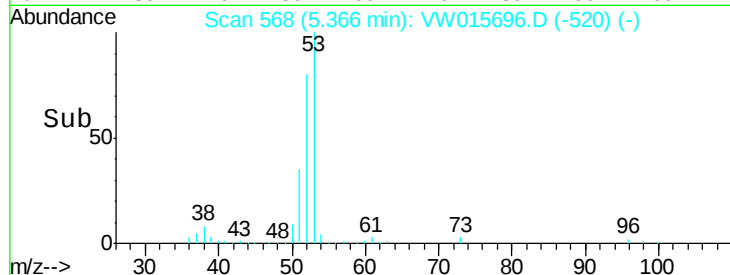
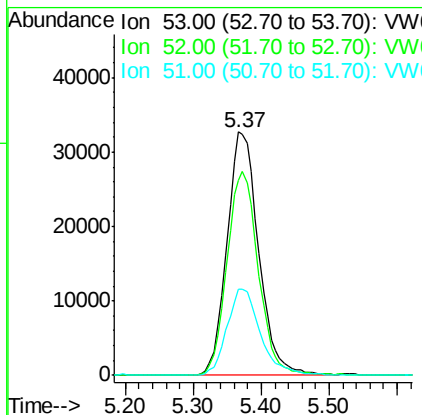
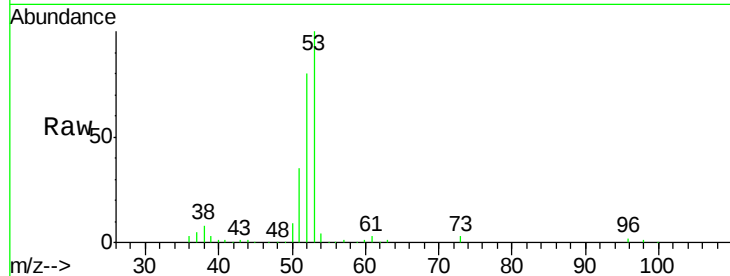
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	105650
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.8	98.6
51	37.6	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 247.948 ug/l

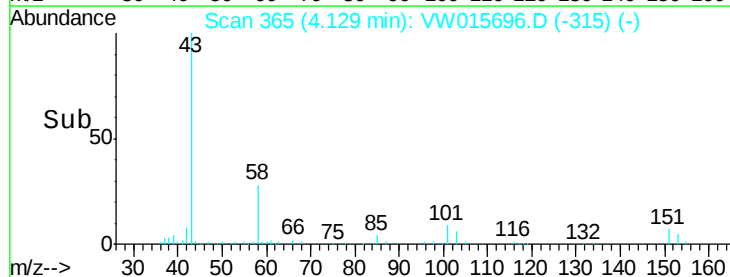
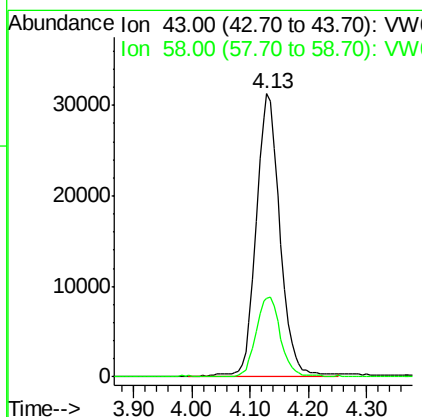
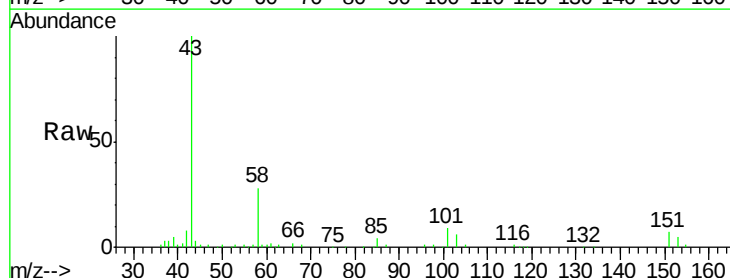
RT: 4.13 min Scan# 365

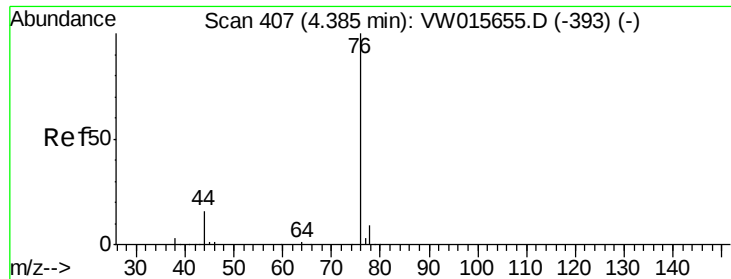
Delta R.T. 0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion	43	Resp	89102
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.6	33.8





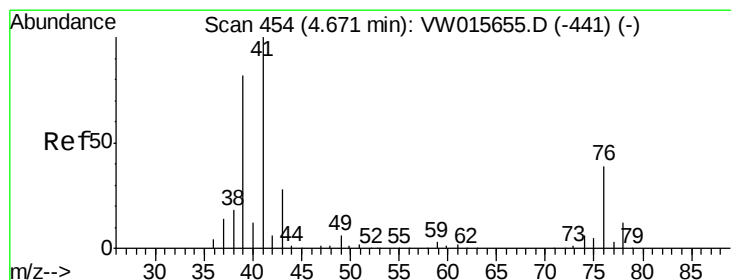
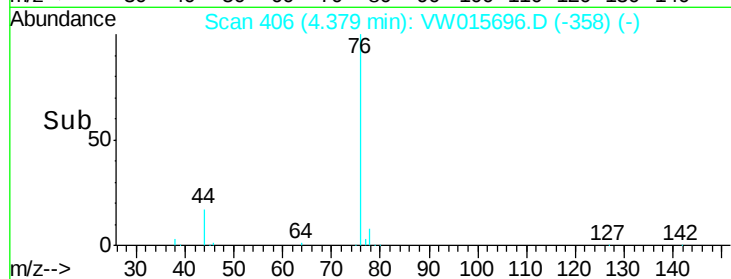
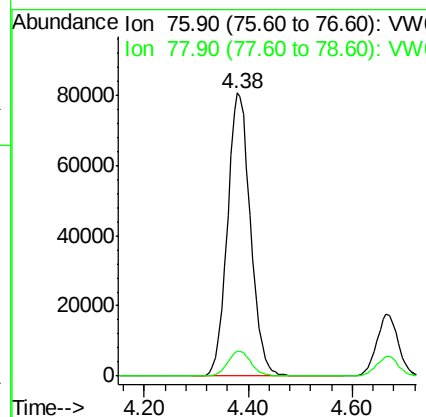
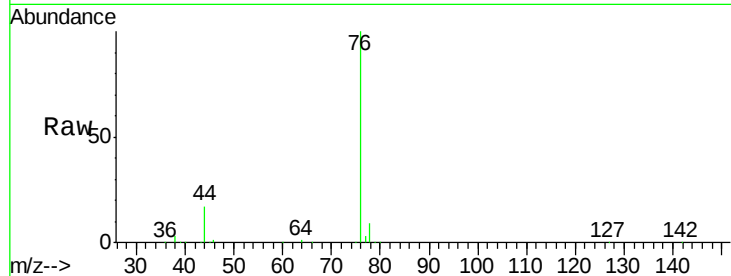
#17
Carbon Disulfide
Concen: 52.496 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

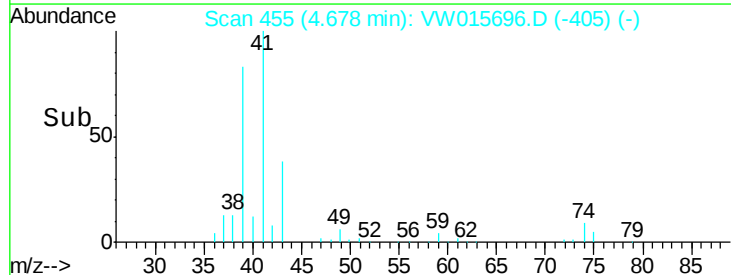
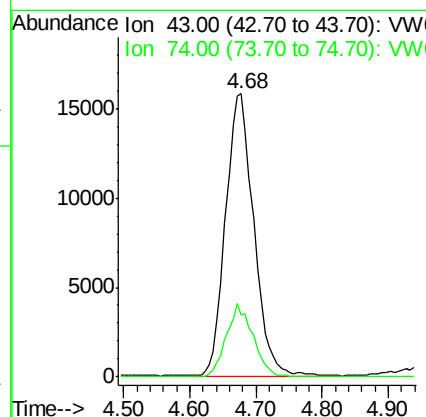
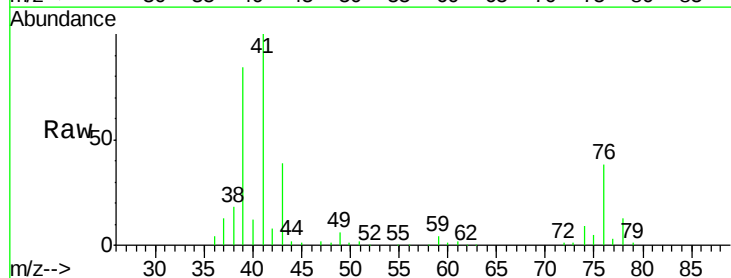
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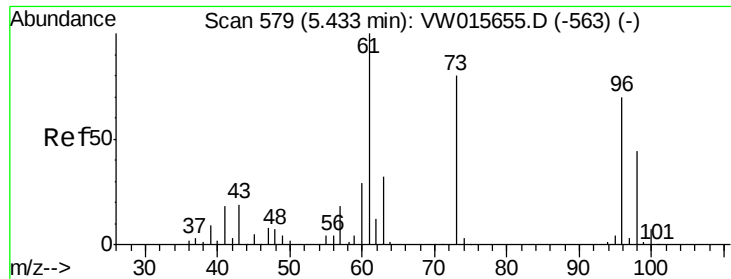
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#18
Methyl Acetate
Concen: 65.197 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.6





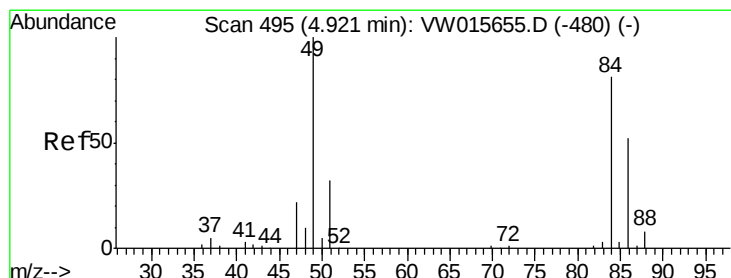
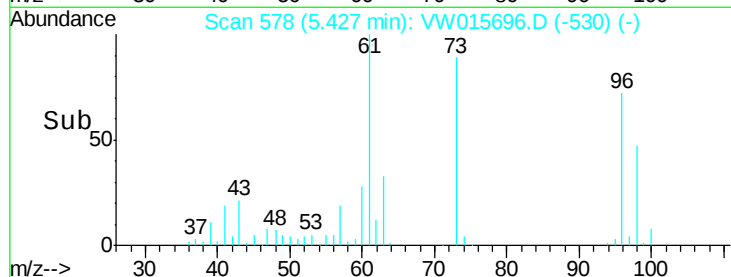
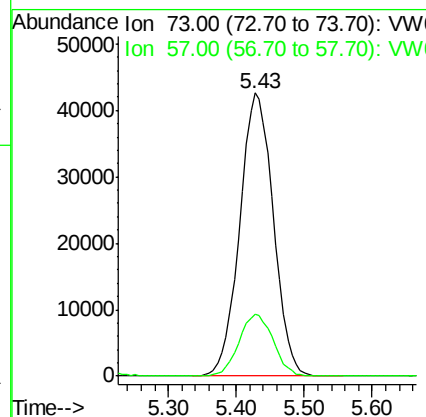
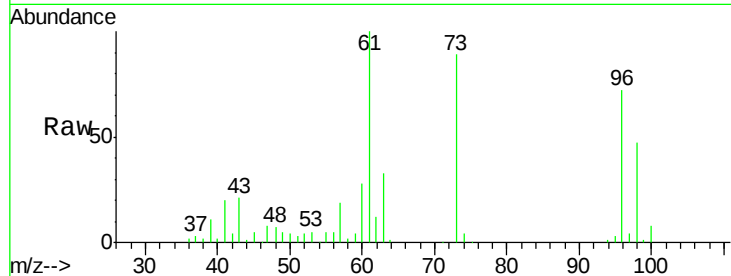
#19
Methyl tert-butyl Ether
Concen: 58.665 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.1	27.1

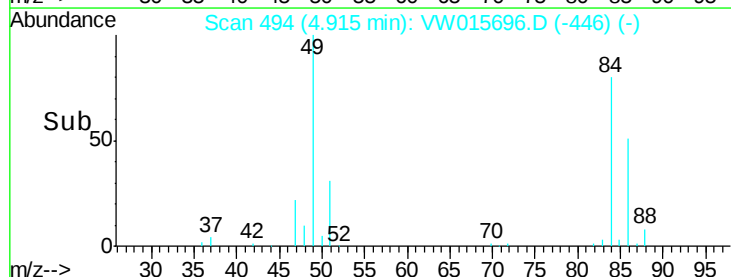
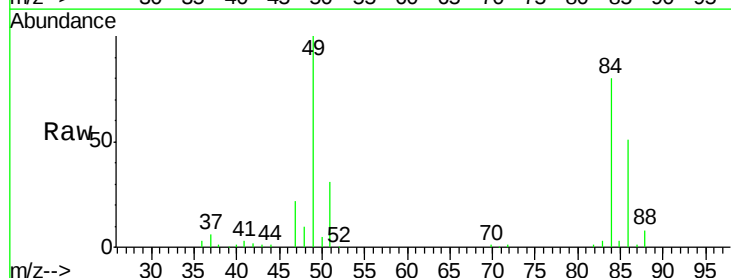
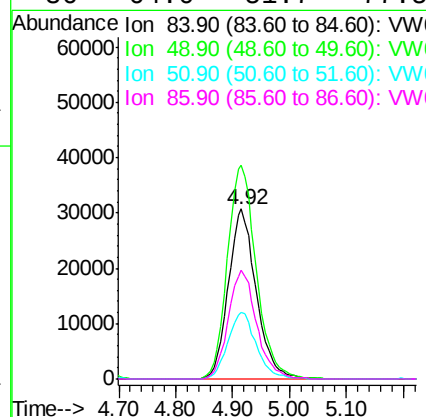
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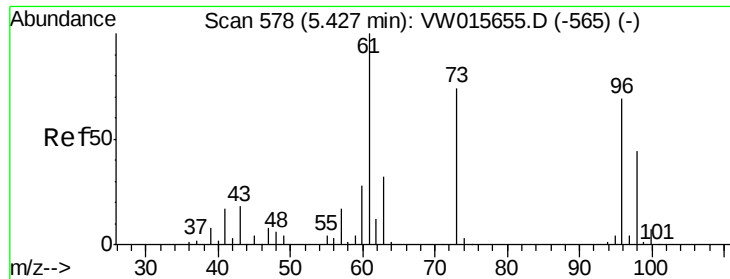
MMDadoda
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#20
Methylene Chloride
Concen: 61.129 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	99.3	148.9
51	39.3	31.8	47.6
86	64.0	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 54.825 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 104173

Ion Ratio Lower Upper

96 100

61 142.7 116.2 174.2

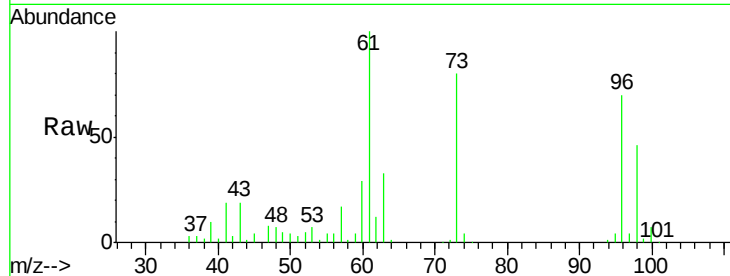
98 65.0 51.4 77.0

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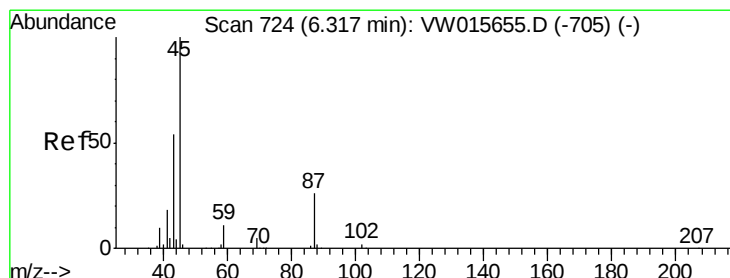
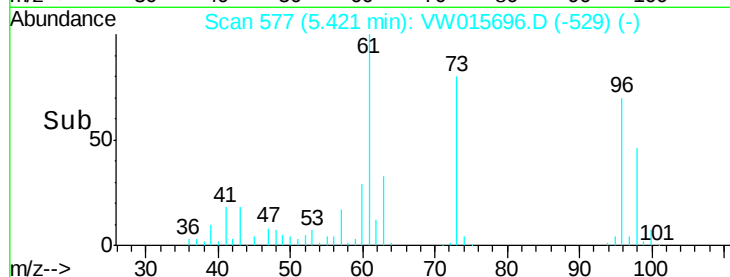
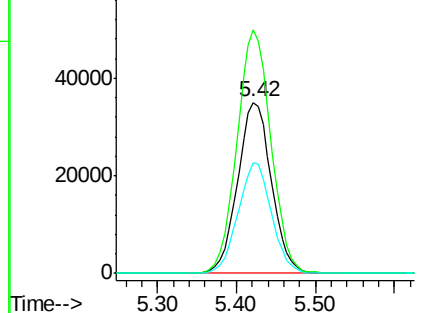
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Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 57.337 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion: 45 Resp: 306617

Ion Ratio Lower Upper

45 100

43 55.3 43.9 65.9

87 28.7 21.2 31.8

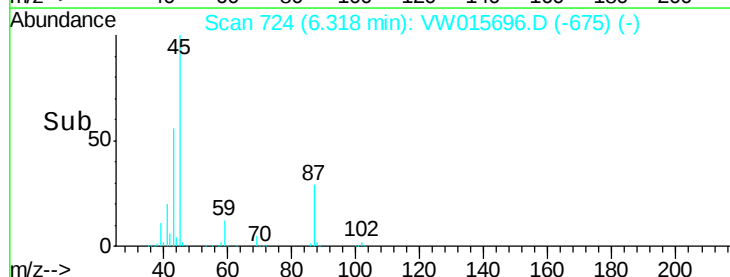
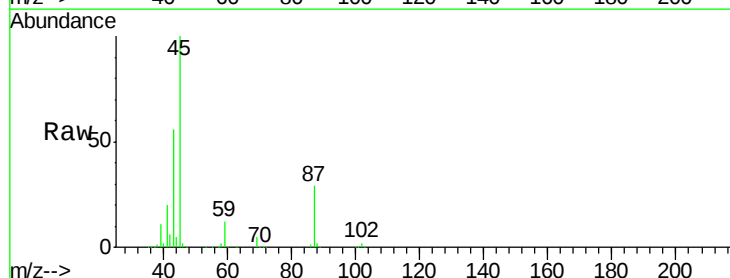
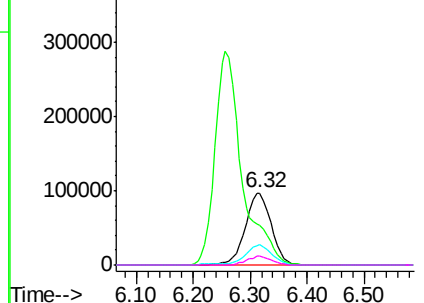
59 11.8 9.2 13.8

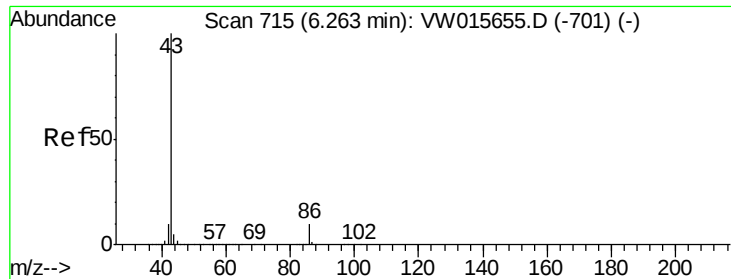
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 305.534 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 952816

Ion Ratio Lower Upper

43 100

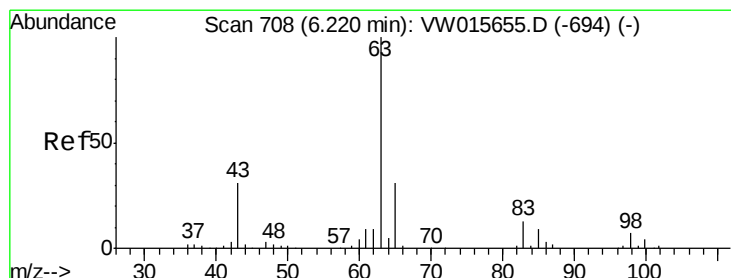
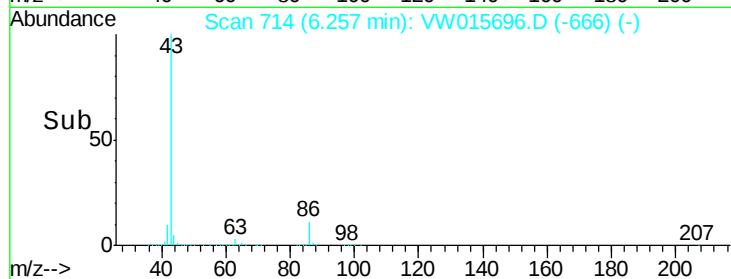
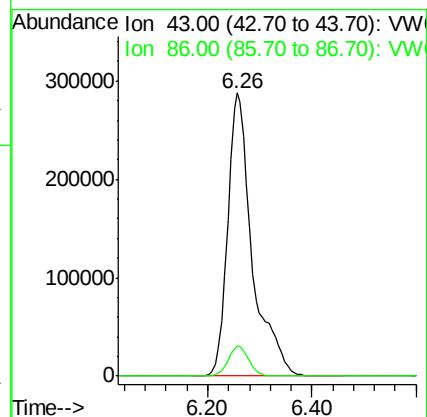
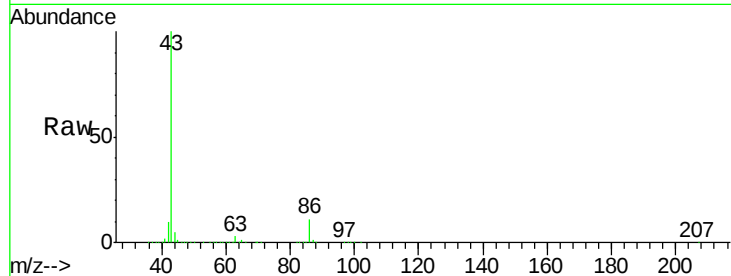
86 10.7 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 55.223 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

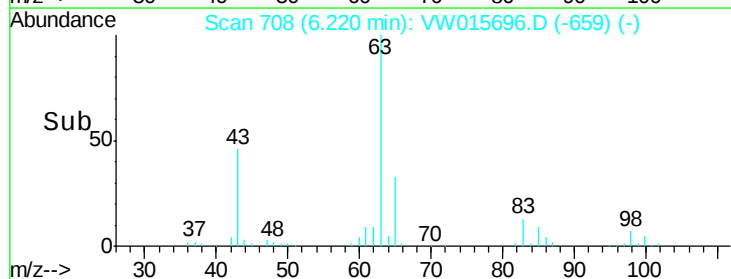
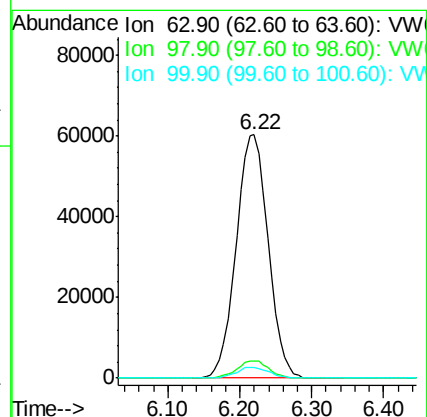
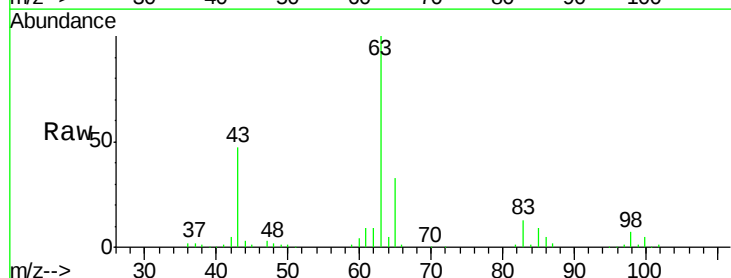
Tgt Ion: 63 Resp: 185892

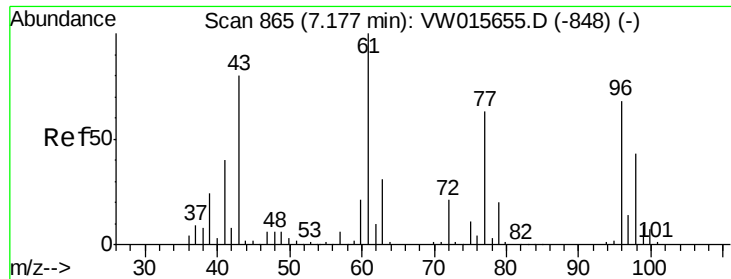
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 284.493 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 138173

Ion Ratio Lower Upper

43 100

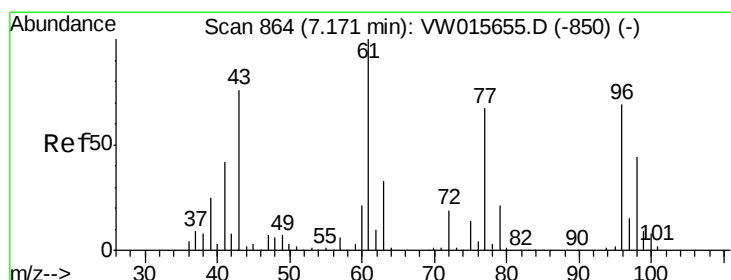
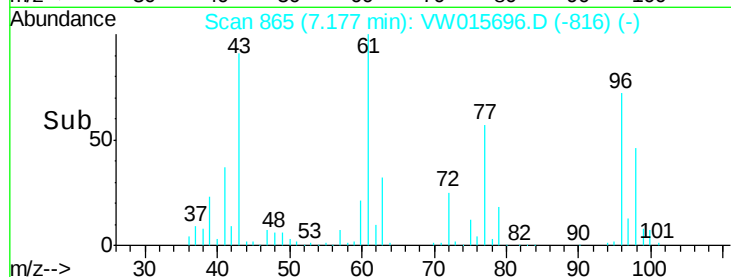
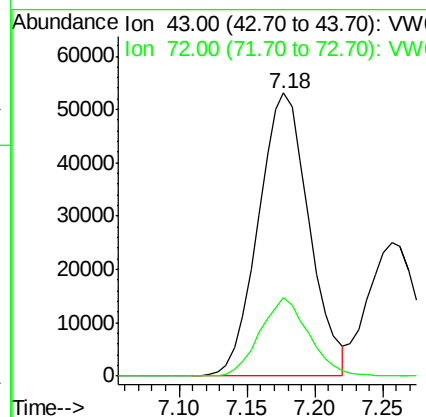
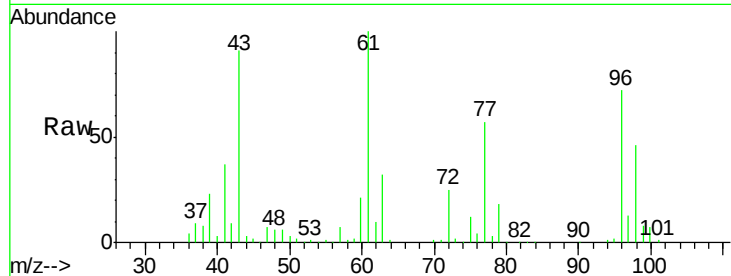
72 27.7 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 46.685 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015696.D

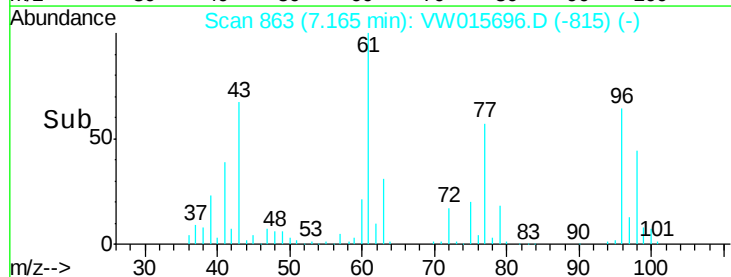
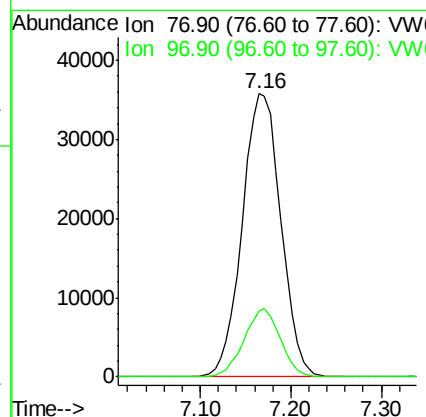
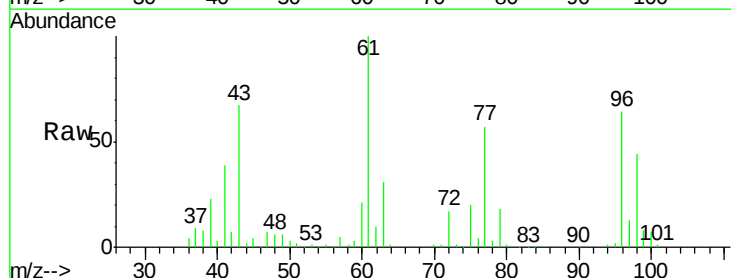
Acq: 24 Jun 2020 21:01

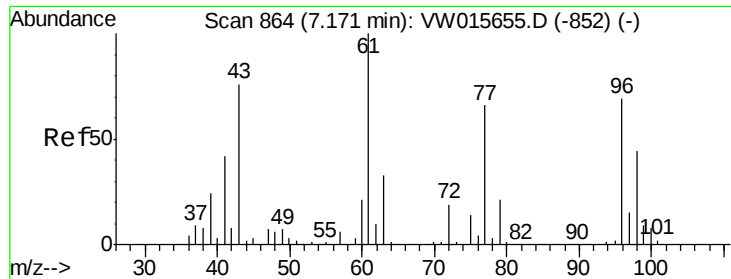
Tgt Ion: 77 Resp: 105403

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

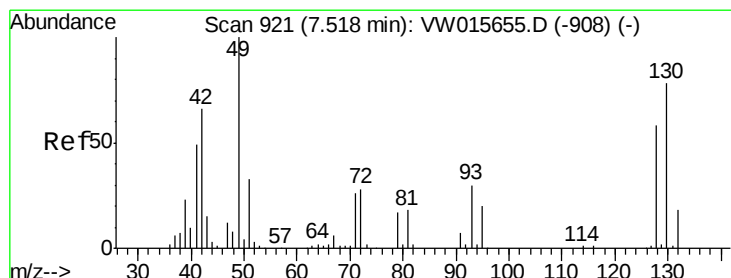
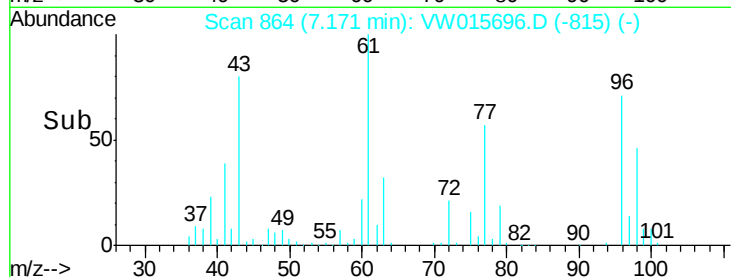
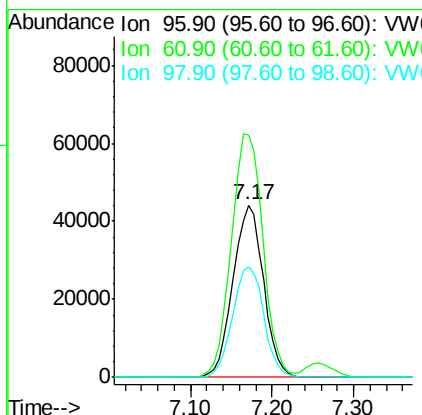
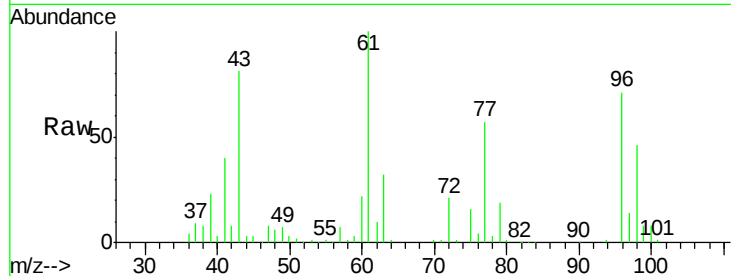
cis-1,2-Dichloroethene
Concen: 55.790 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	114035		
61	146.9	0.0	296.8	
98	65.5	0.0	128.0	

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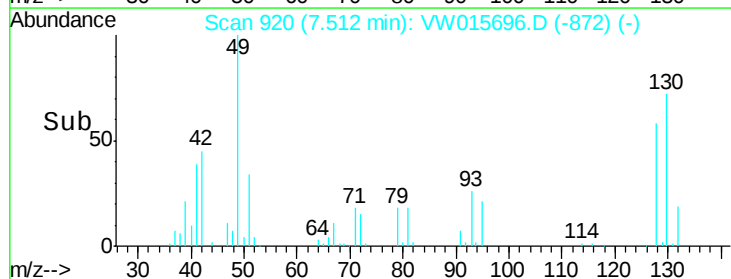
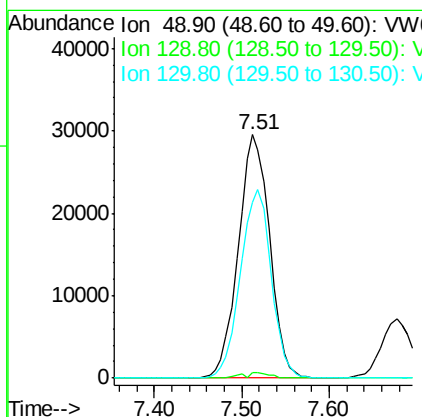
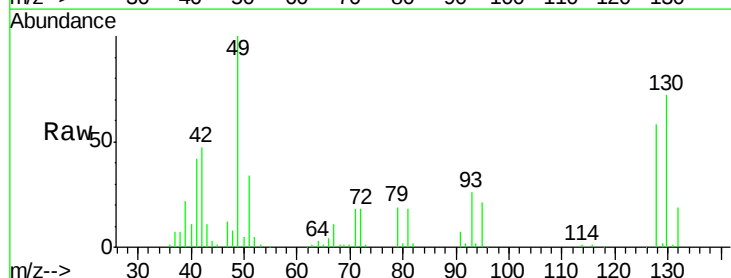
MMDadoda
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#28

Bromochloromethane
Concen: 56.716 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73439		
129	1.3	0.0	2.2	
130	76.4	61.0	91.4	





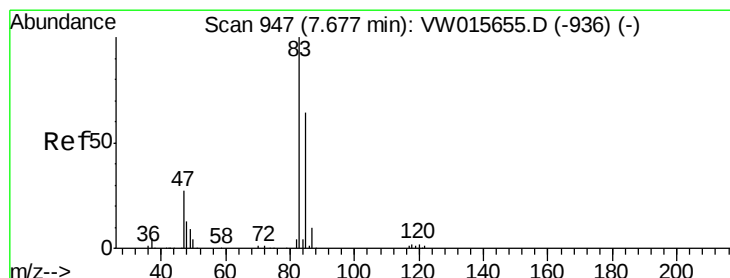
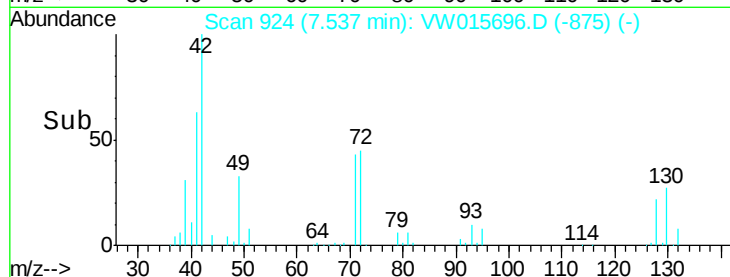
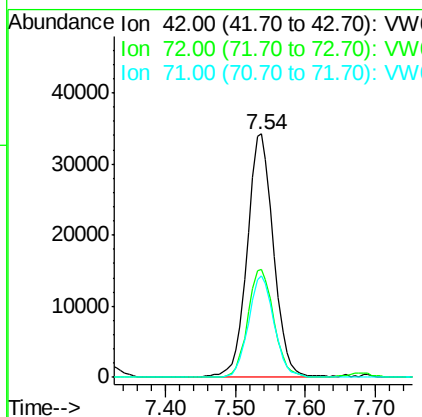
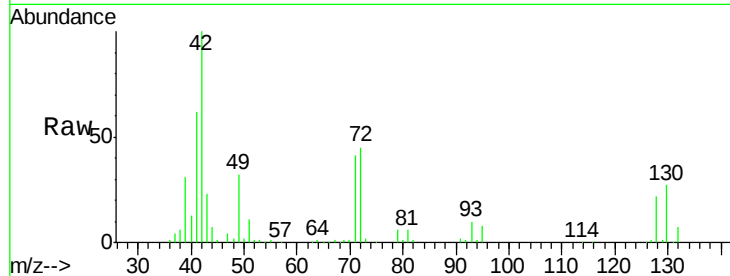
#29
Tetrahydrofuran
Concen: 313.458 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.0	52.6
71	40.5	32.6	49.0

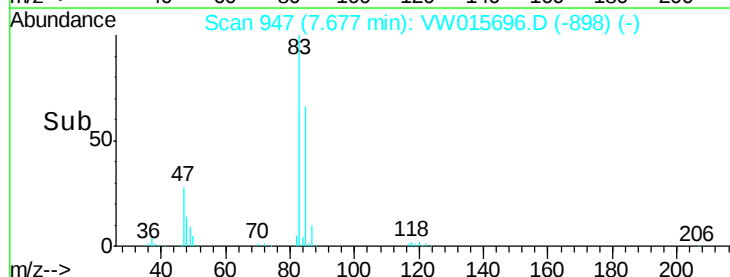
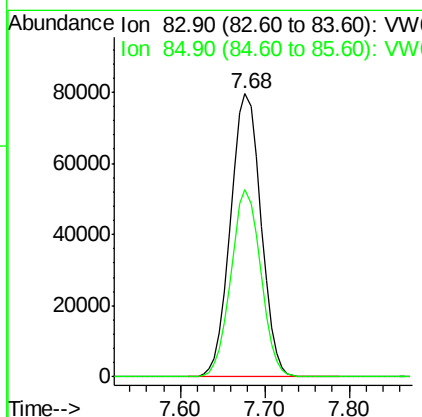
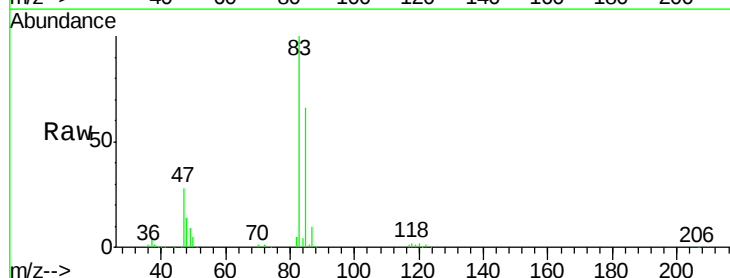
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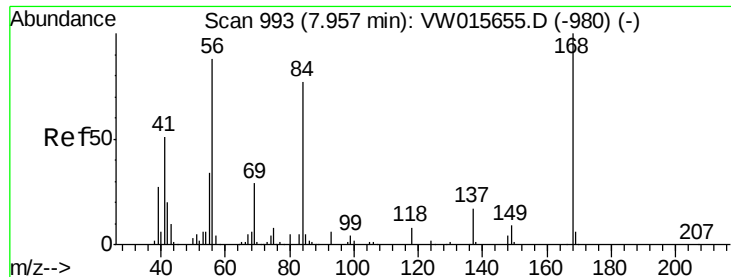
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#30
Chloroform
Concen: 56.152 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.0	76.4





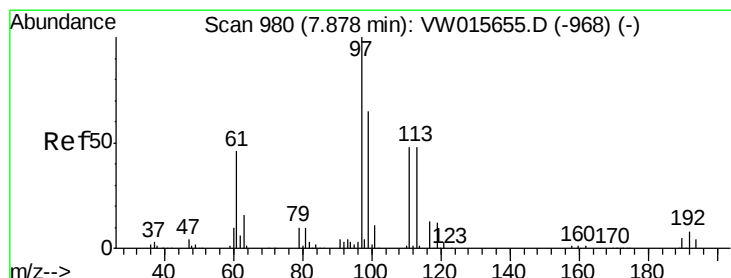
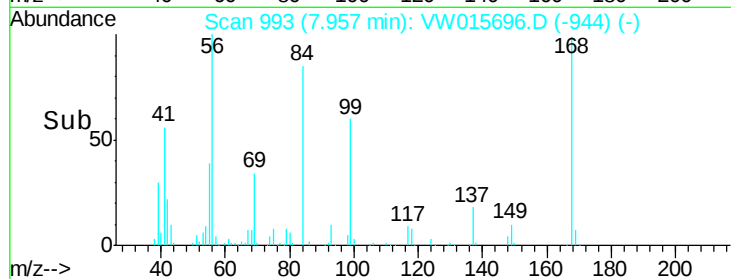
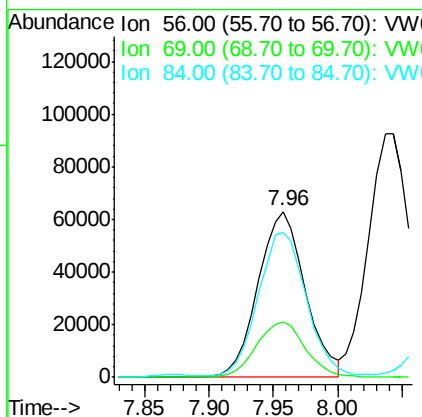
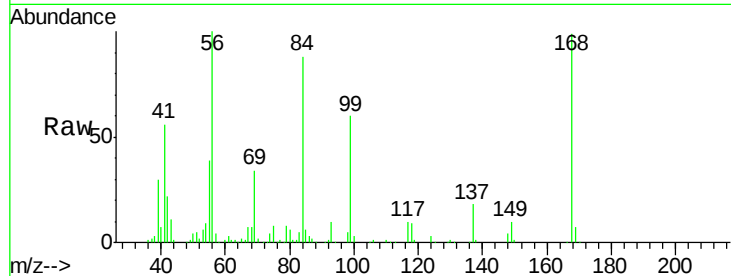
#31
Cyclohexane
Concen: 49.061 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	26.2	39.4
84	86.5	70.4	105.6

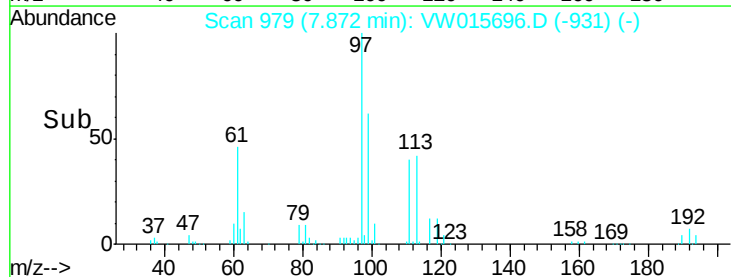
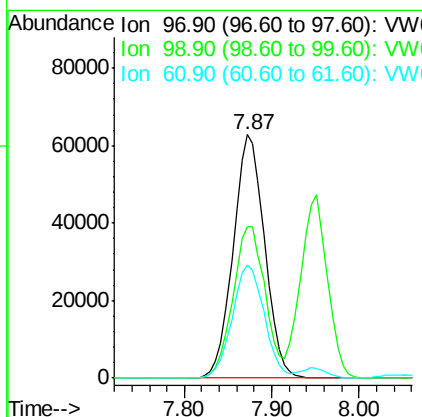
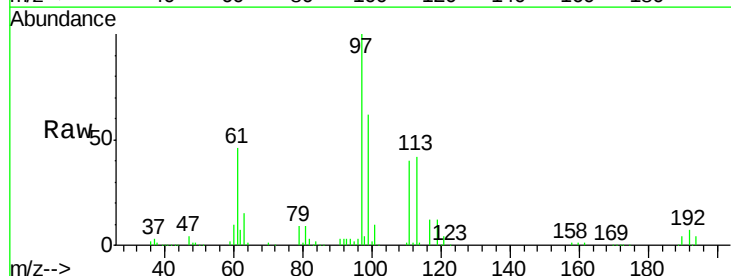
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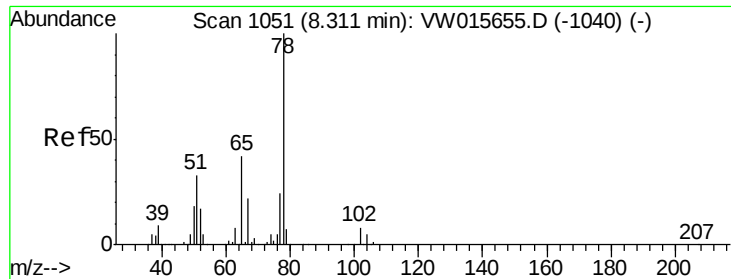
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#32
1,1,1-Trichloroethane
Concen: 53.230 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	47.4	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 55.489 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 104893

Ion Ratio Lower Upper

65 100

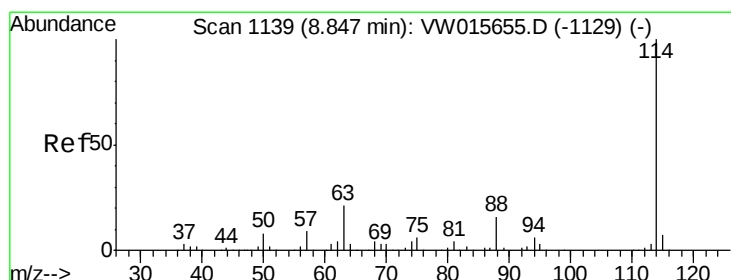
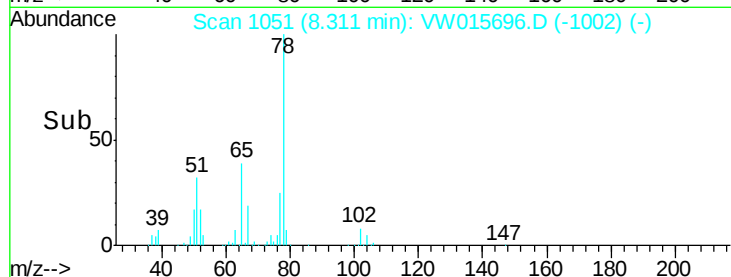
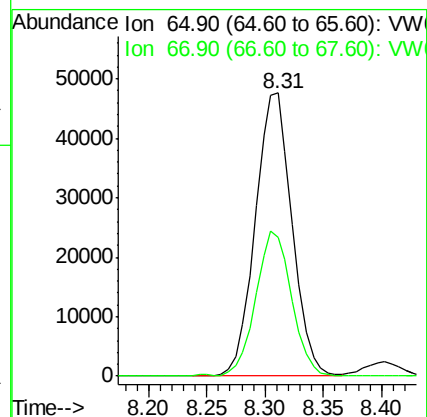
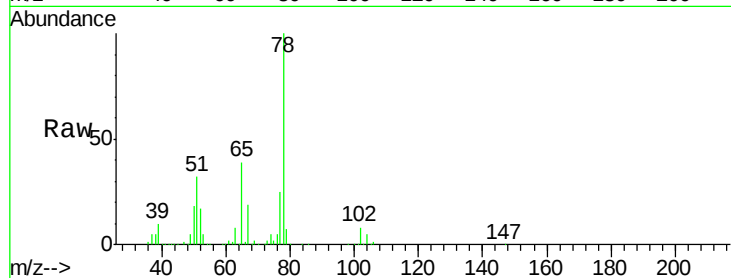
67 49.9 0.0 102.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

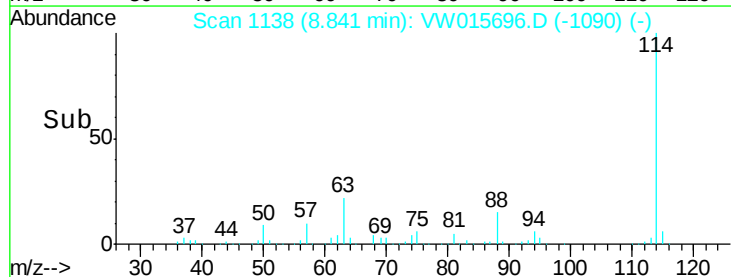
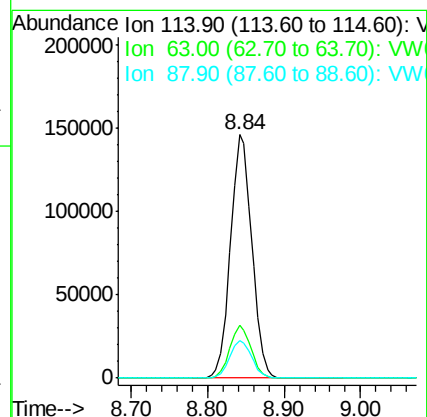
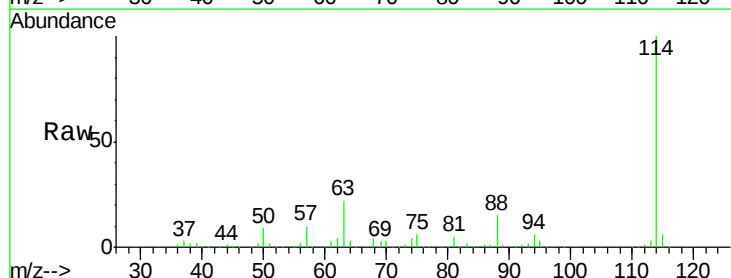
Tgt Ion: 114 Resp: 281022

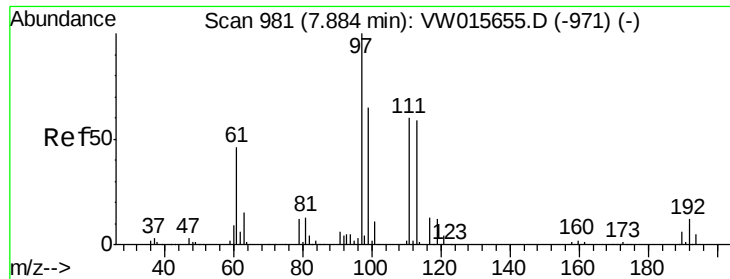
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 15.4 0.0 32.6





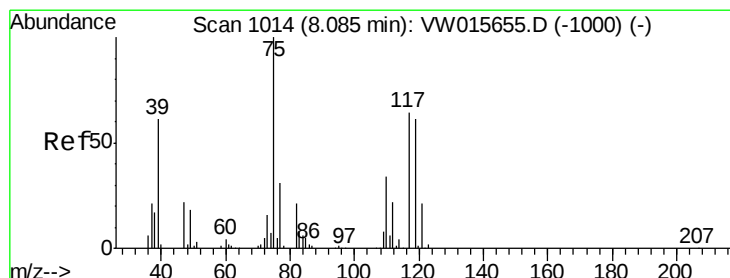
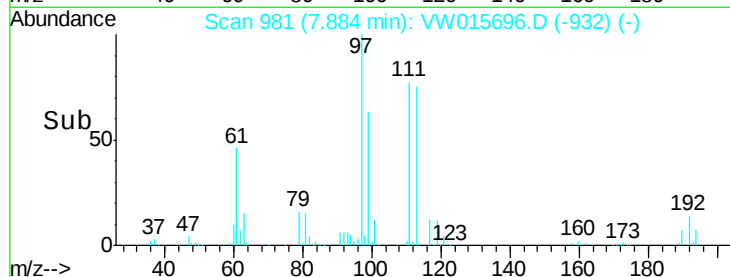
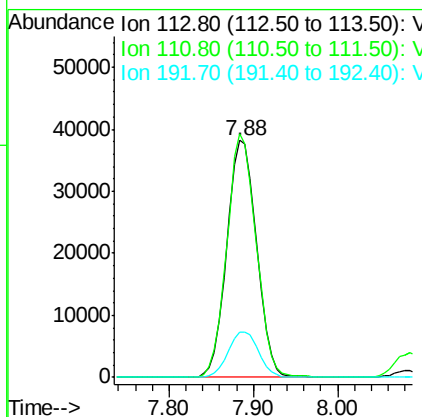
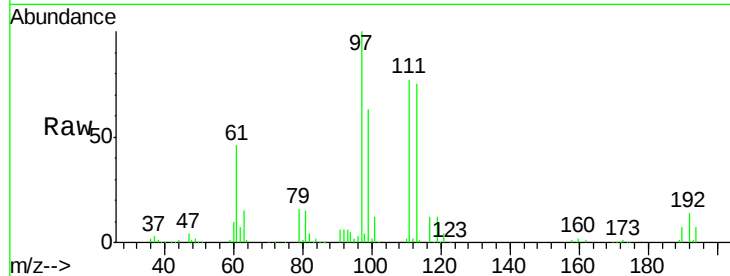
#35
 Dibromofluoromethane
 Concen: 51.850 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	91656		
111	100.8	82.3	123.5	
192	19.5	16.4	24.6	

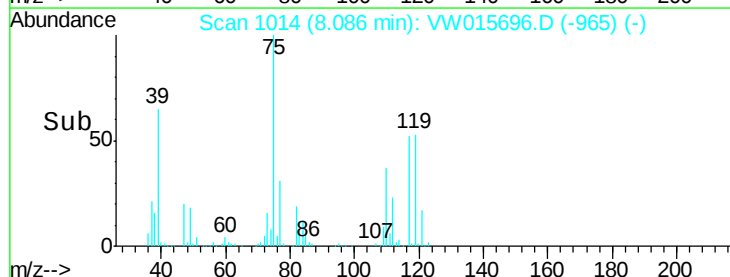
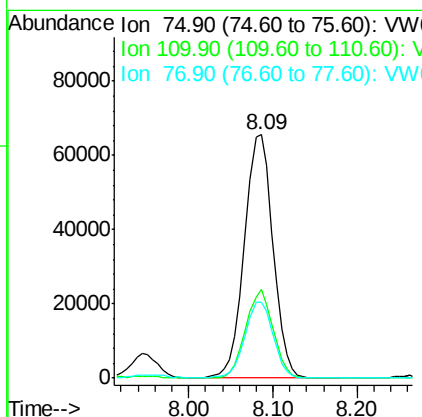
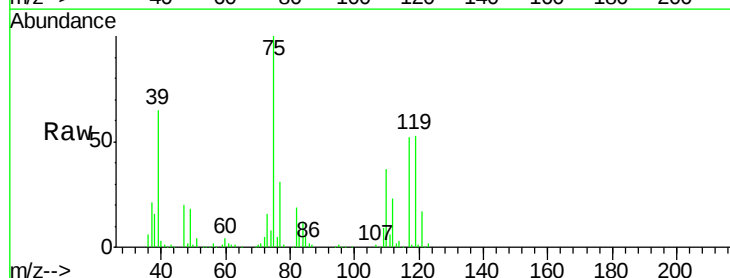
Manual Integrations
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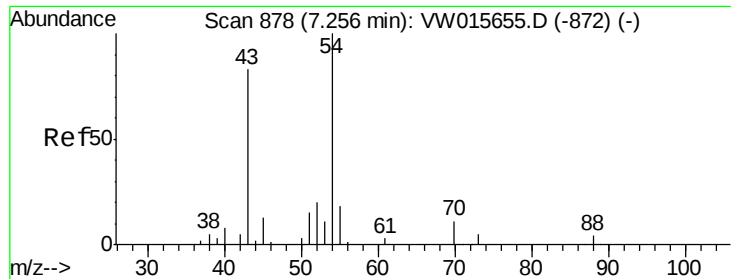
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#36
 1,1-Dichloropropene
 Concen: 51.350 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	150091		
110	34.8	17.0	51.0	
77	31.3	24.6	36.8	





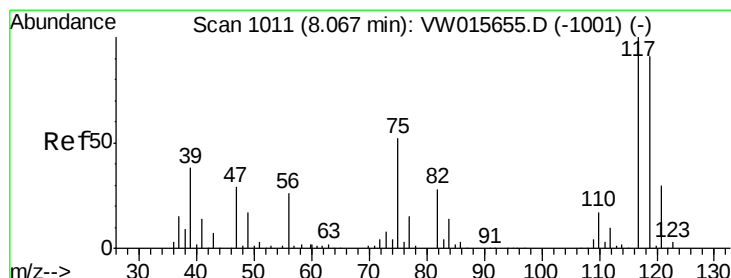
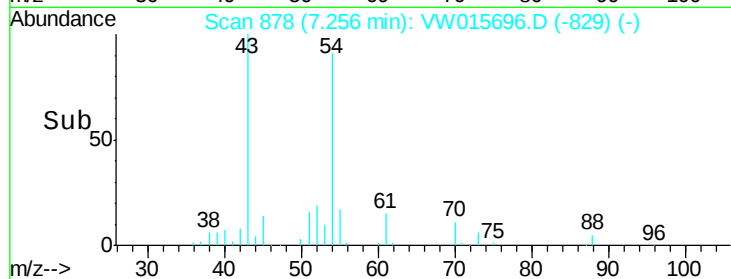
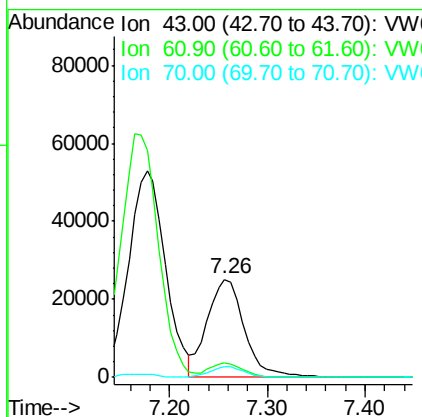
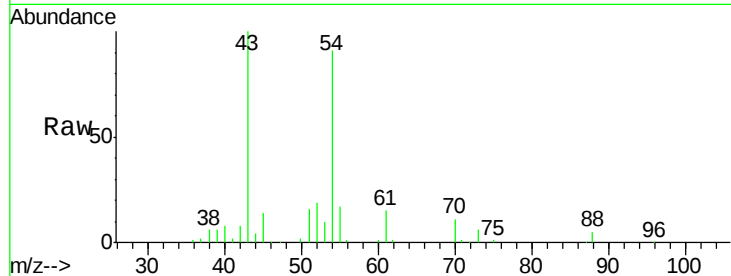
#37
Ethyl Acetate
Concen: 58.360 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	10.5	8.4	12.6

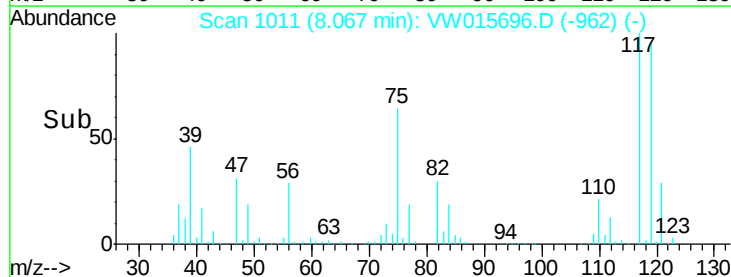
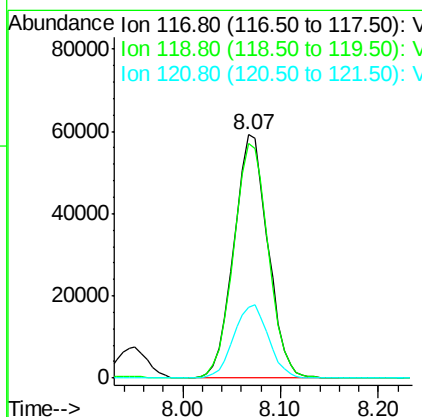
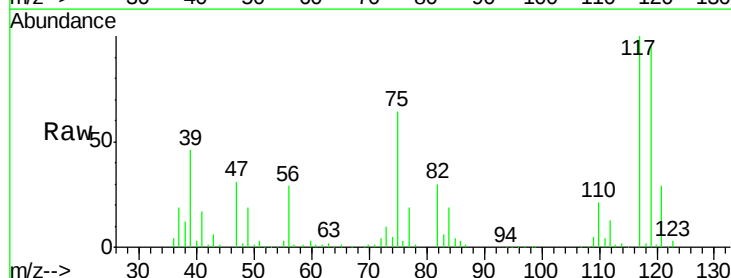
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#38
Carbon Tetrachloride
Concen: 50.571 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.2	109.8
121	29.2	23.9	35.9





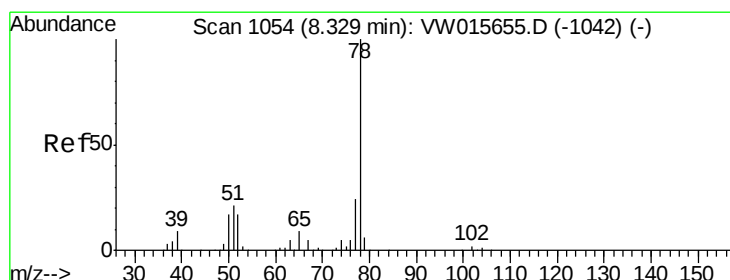
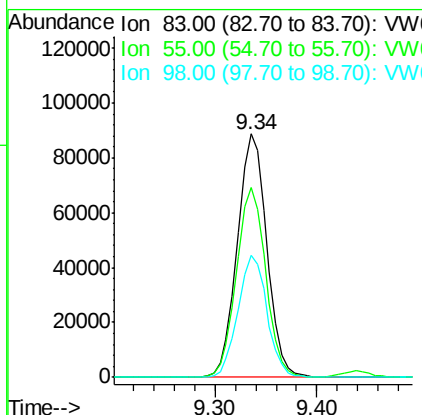
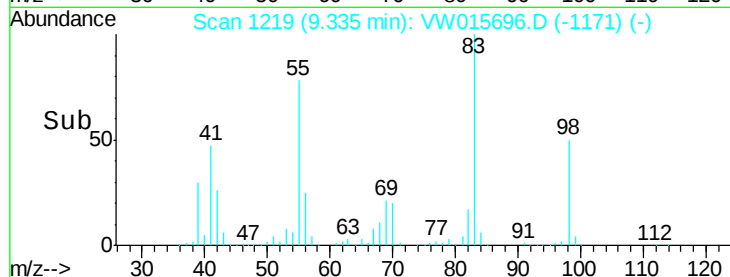
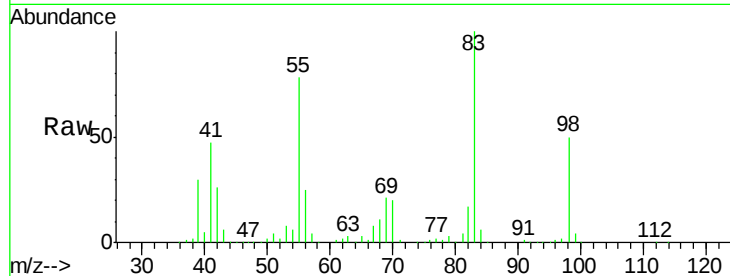
#39
Methvlcvclohexane
Concen: 50.240 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	177864		
55	78.1	62.8	94.2	
98	49.9	39.9	59.9	

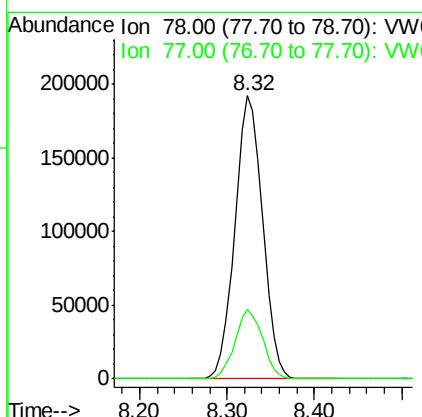
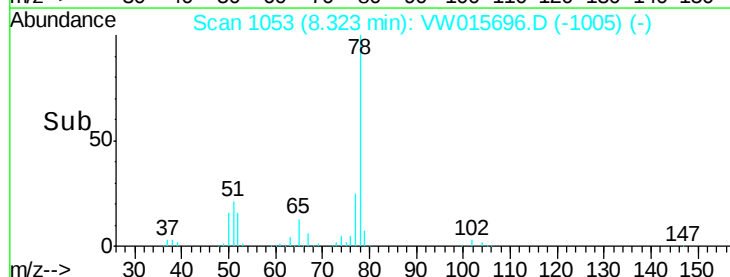
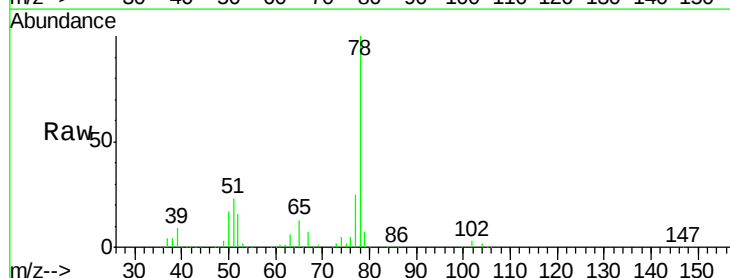
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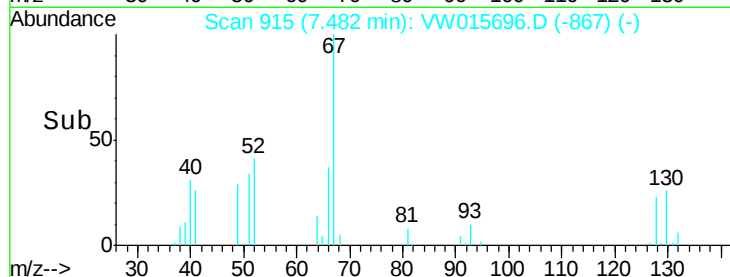
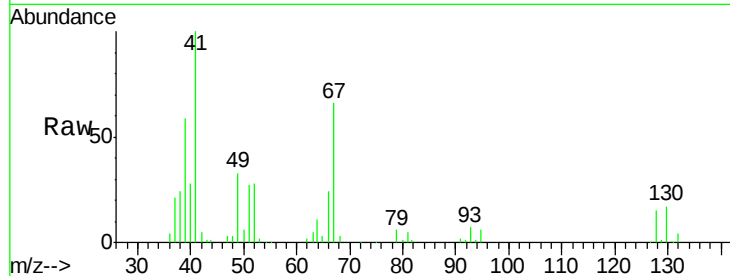
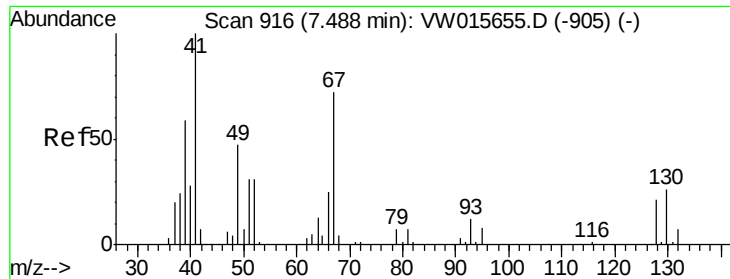
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#40
Benzene
Concen: 53.334 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	423879		
77	24.7	19.3	28.9	





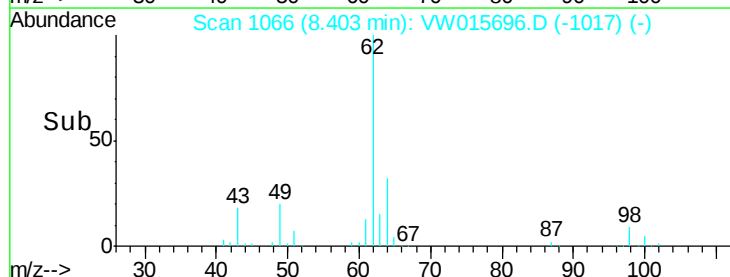
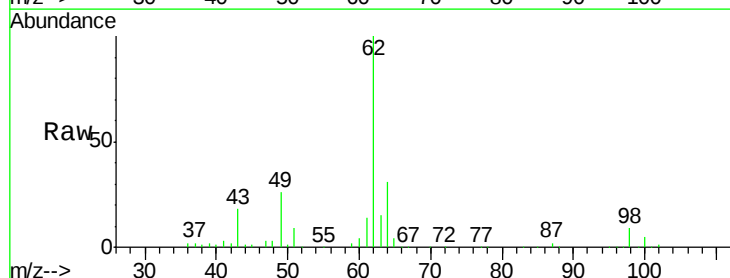
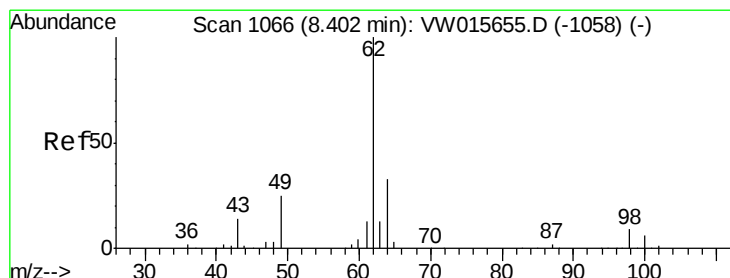
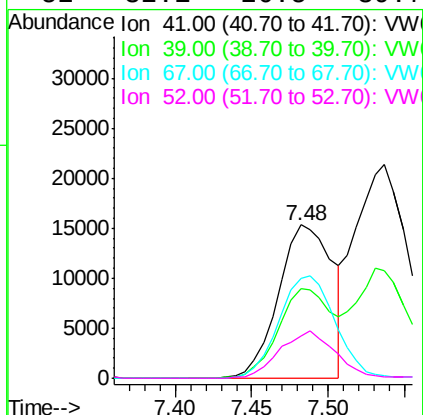
#41
Methacrylonitrile
Concen: 58.912 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tot Ion	Ion	Ratio	Lower	Upper
37734	41	100		
	39	57.8	52.0	78.0
	67	69.7	57.5	86.3
	52	32.1	26.5	39.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

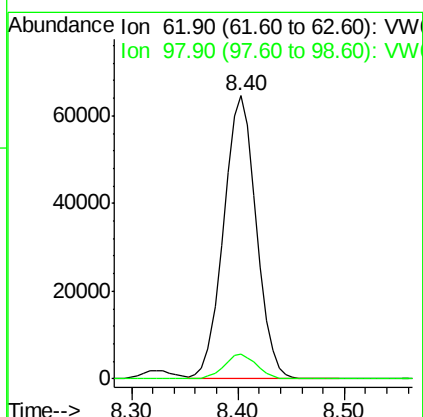
Manual Integrations
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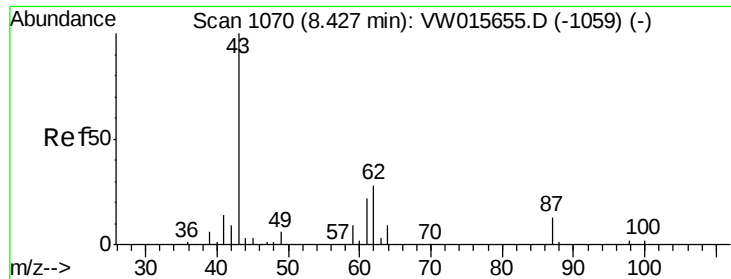
MMDadoda
6/25/2020 4:18:38 PM



#42
1,2-Dichloroethane
Concen: 56.411 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ion	Ratio	Lower	Upper
138697	62	100		
	98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 58.464 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

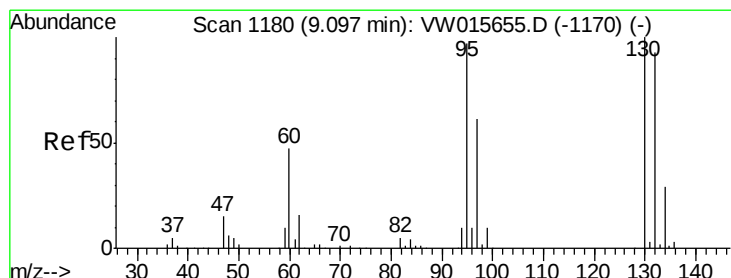
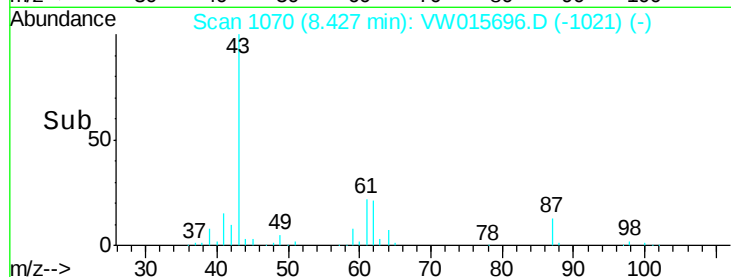
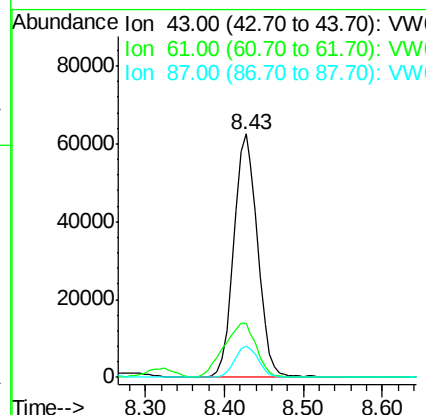
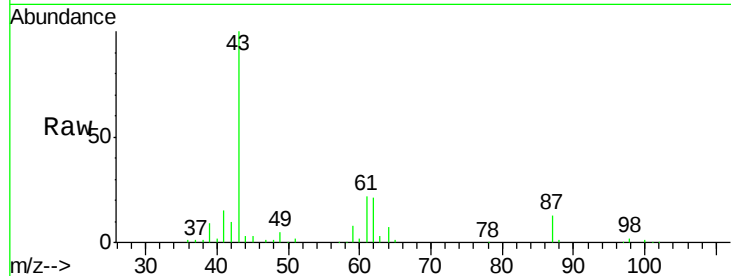
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	130206
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.7	37.1
87	12.8	10.2	15.2

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#44

Trichloroethene

Concen: 51.882 ug/l

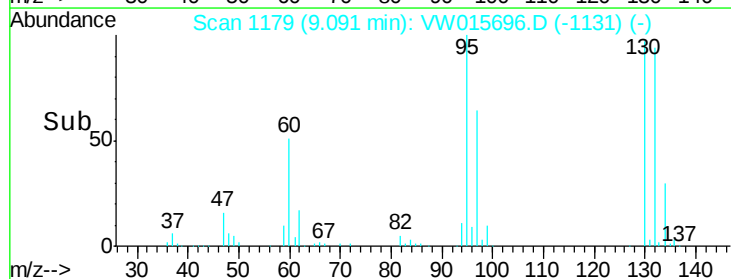
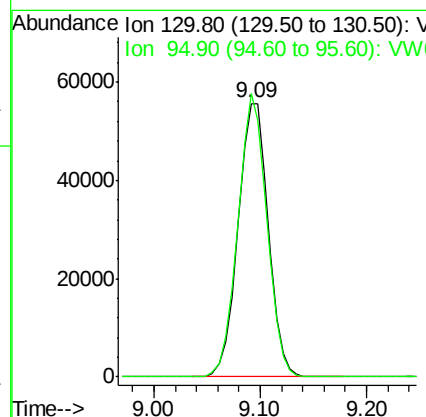
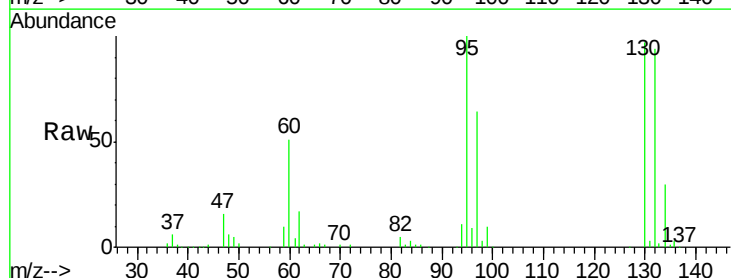
RT: 9.09 min Scan# 1179

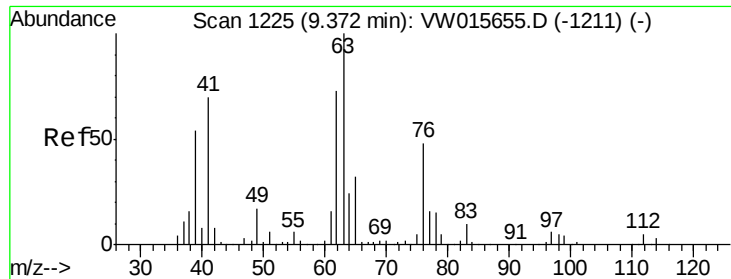
Delta R.T. -0.01 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion:	130	Resp:	111140
Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	194.4





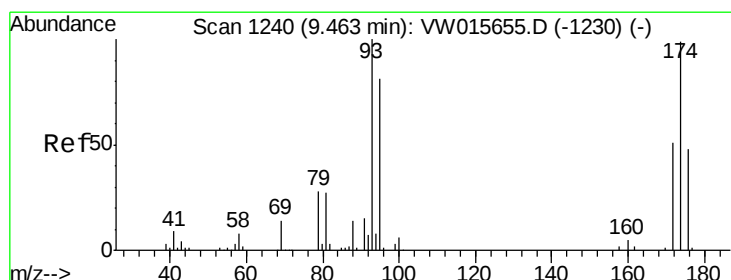
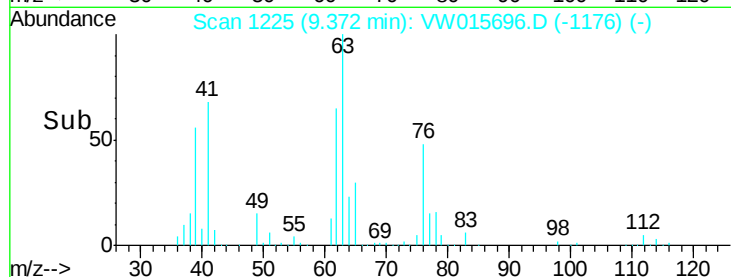
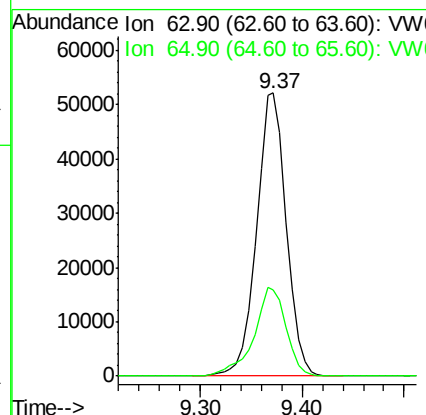
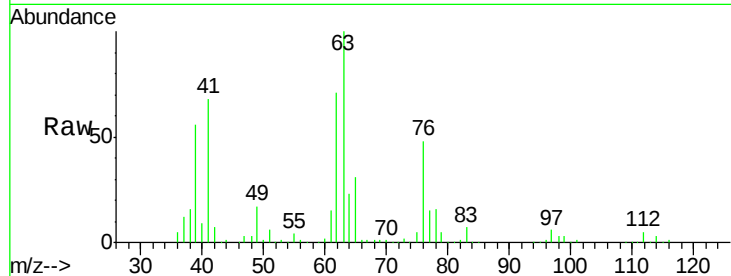
#45
 1,2-Dichloropropane
 Concen: 54.333 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 105549
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.3 37.9

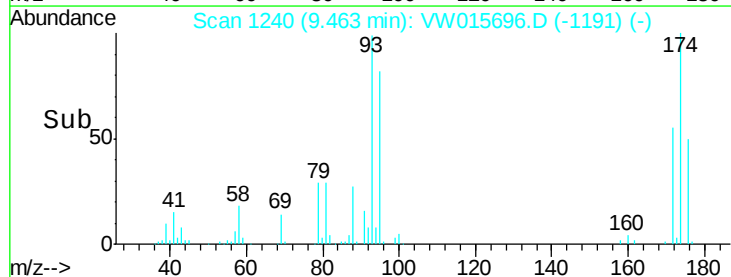
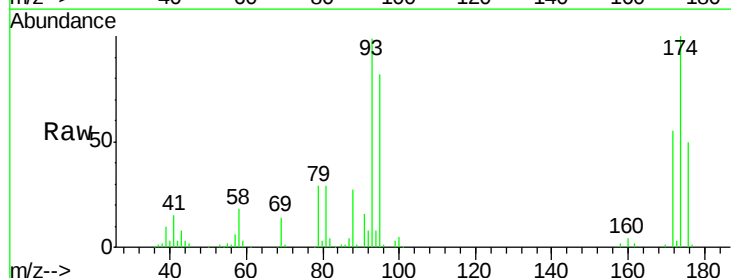
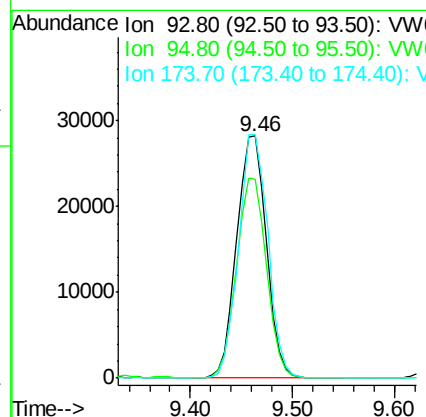
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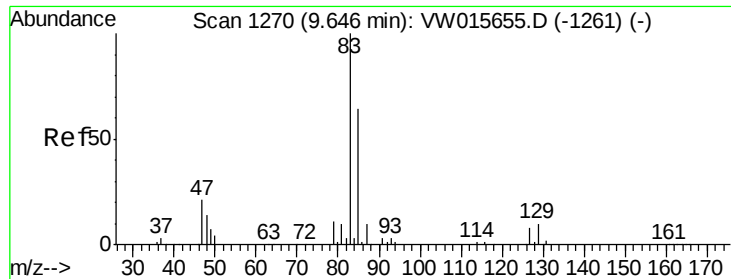
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 6/25/2020 4:18:38 PM



#46
 Dibromomethane
 Concen: 56.498 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 93 Resp: 56787
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.7 98.5
 174 99.5 79.0 118.6





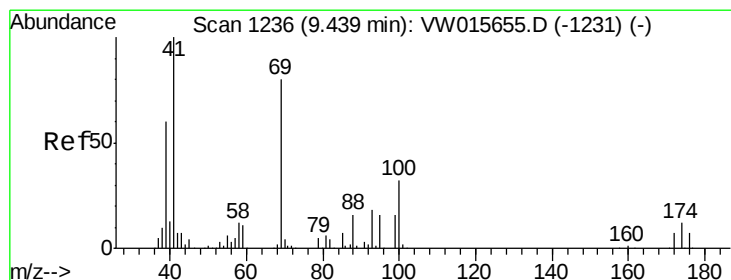
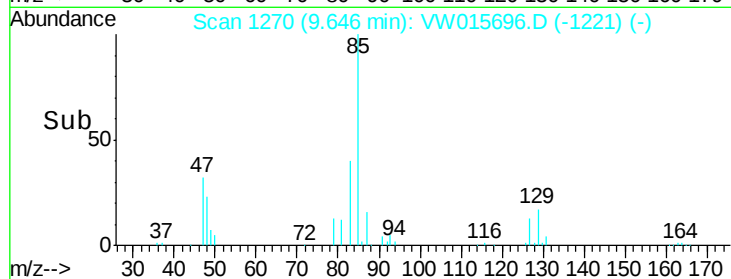
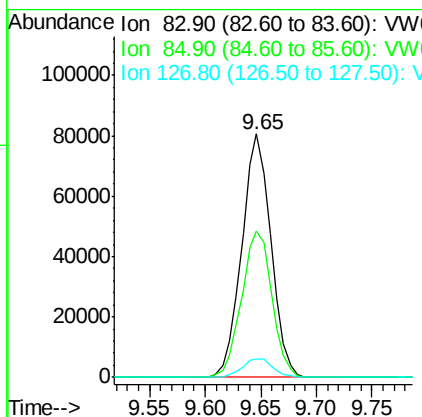
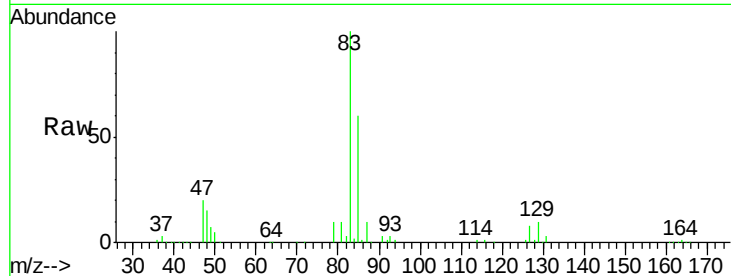
#47
Bromodichloromethane
Concen: 55.780 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	146244
Ion Ratio	100	Lower	Upper
83	100		
85	60.3	50.8	76.2
127	7.6	6.3	9.5

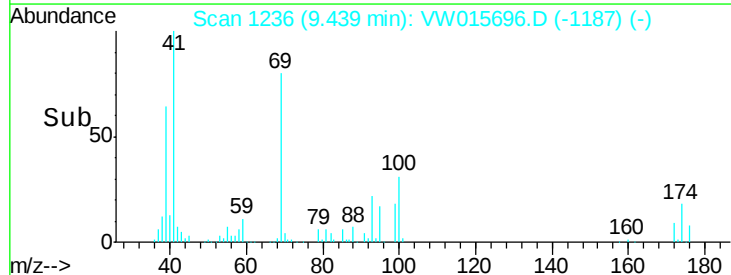
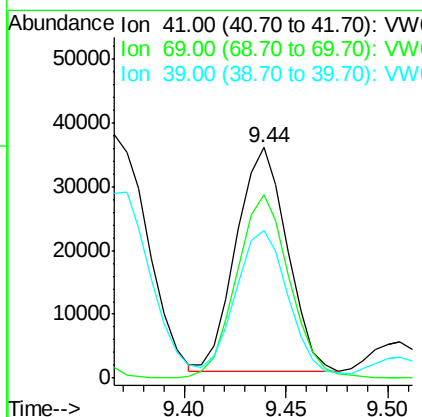
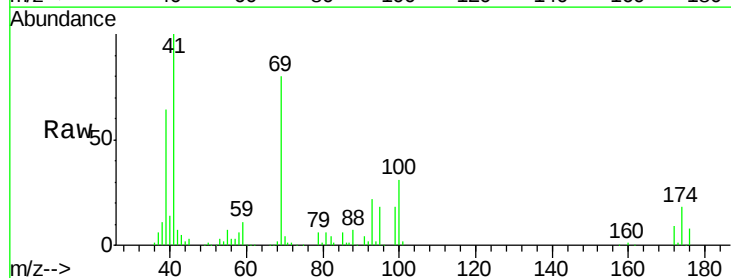
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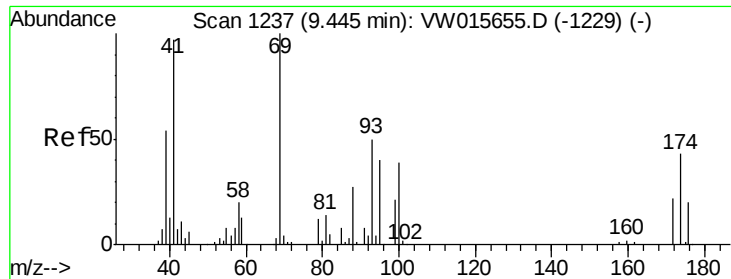
MMDadoda
6/25/2020 4:18:38 PM



#48
Methyl methacrylate
Concen: 59.706 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	41	Resp	60794
Ion Ratio	100	Lower	Upper
41	100		
69	84.8	68.2	102.2
39	69.2	49.8	74.6





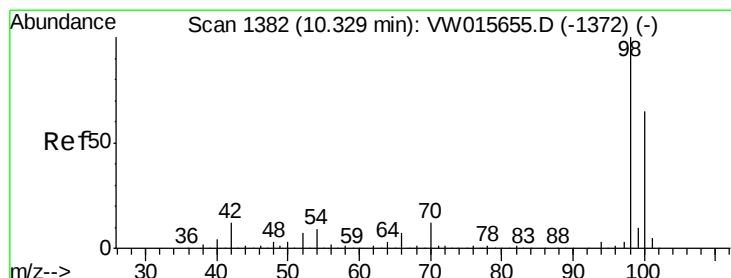
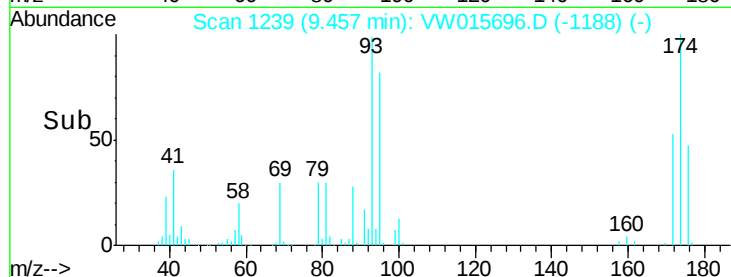
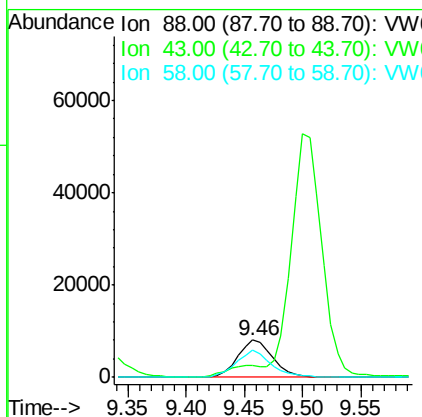
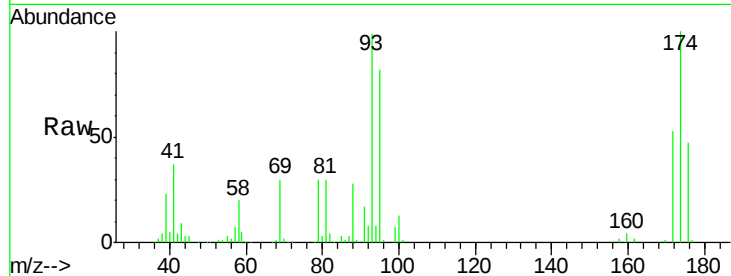
#49
1,4-Dioxane
Concen: 1285.586 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	30.1	45.1#
58	73.3	56.1	84.1

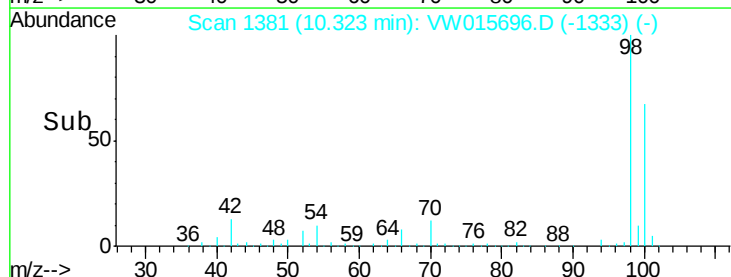
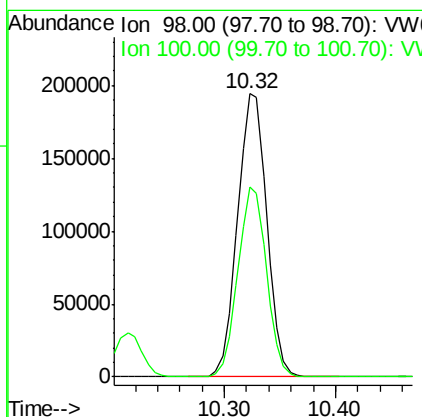
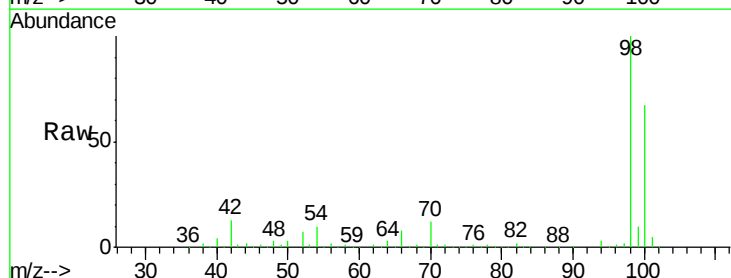
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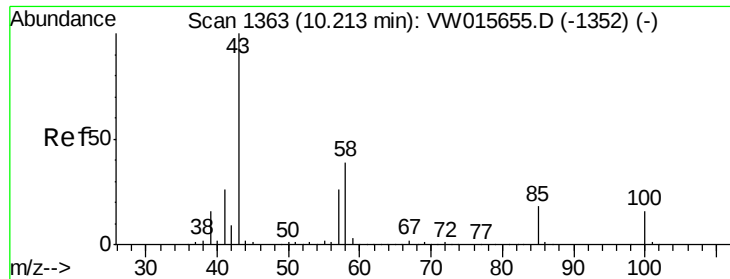
MMDadoda
6/25/2020 4:18:38 PM



#50
Toluene-d8
Concen: 50.767 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2





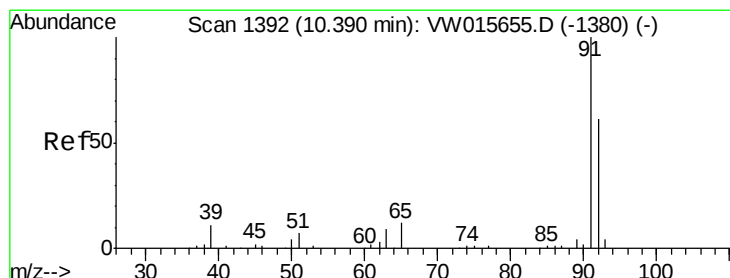
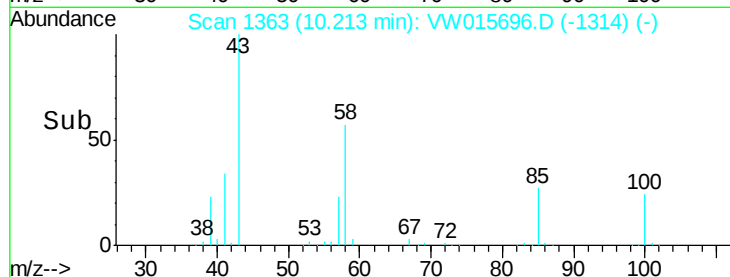
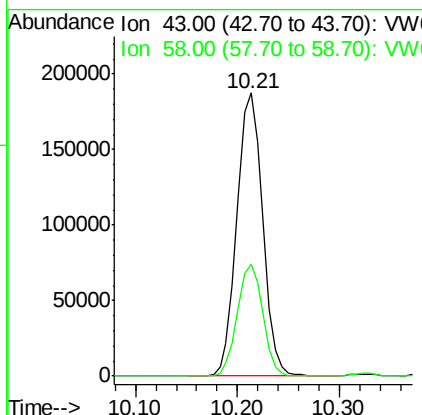
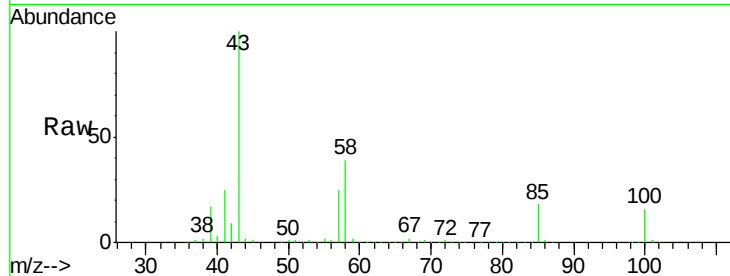
#51
4-Methyl-2-Pentanone
Concen: 305.143 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 327735
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8

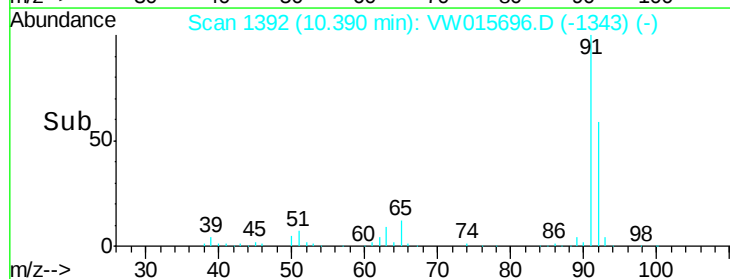
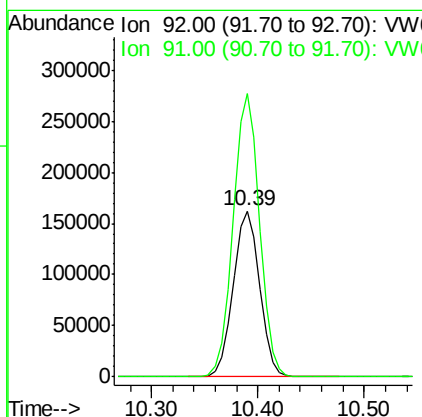
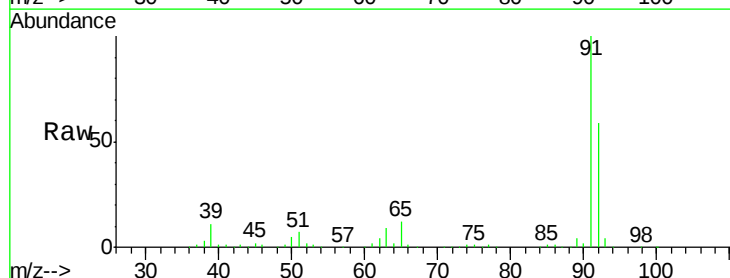
Manual Integrations
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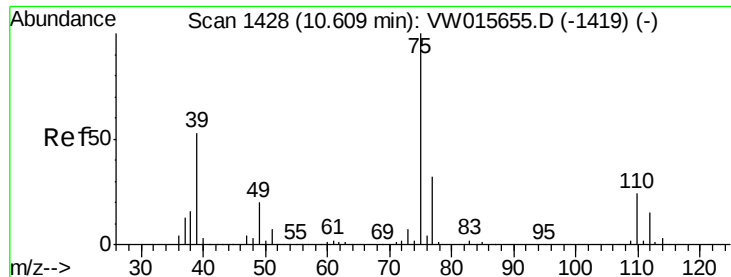
MMDadoda
6/25/2020 4:18:38 PM



#52
Toluene
Concen: 54.973 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 92 Resp: 282112
Ion Ratio Lower Upper
92 100
91 169.9 135.5 203.3





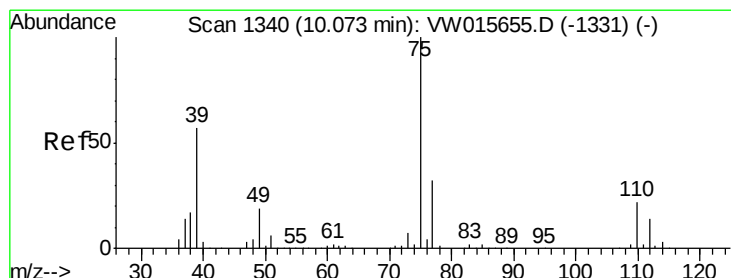
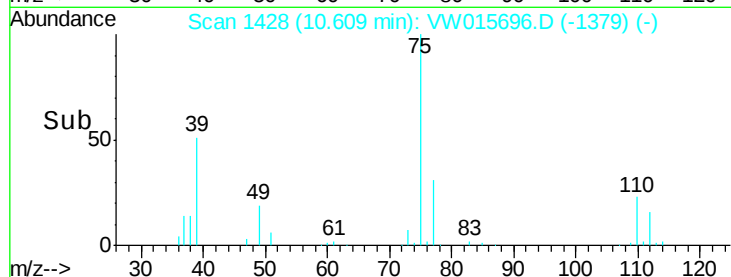
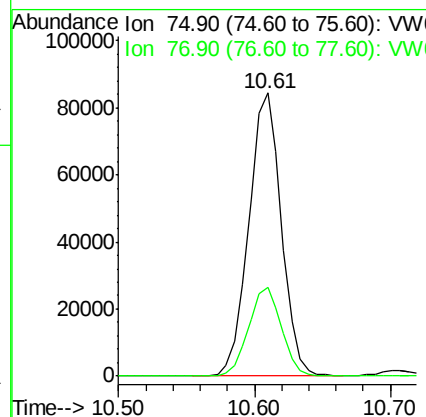
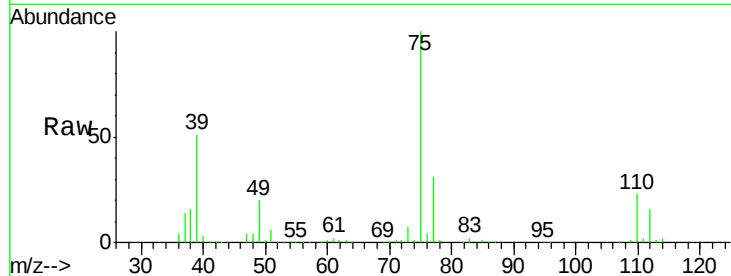
#53
t-1,3-Dichloropropene
Concen: 55.710 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 141102
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

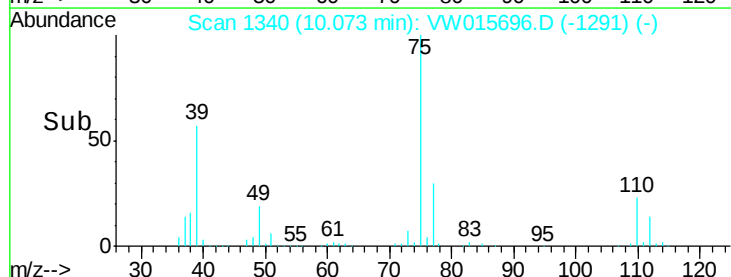
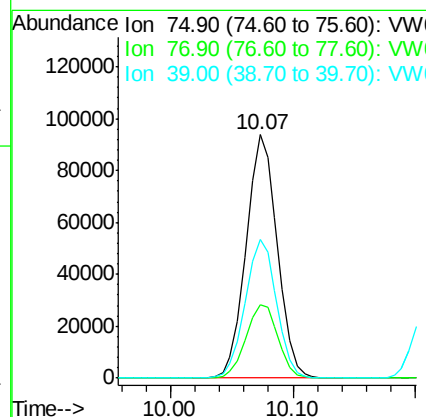
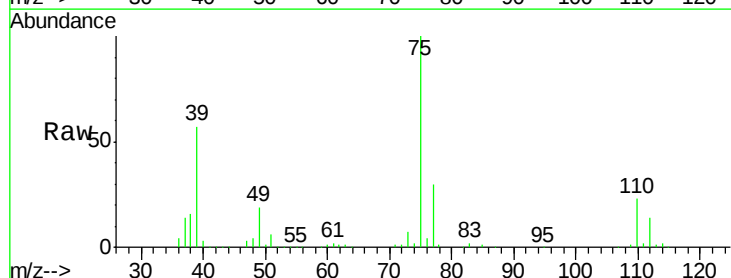
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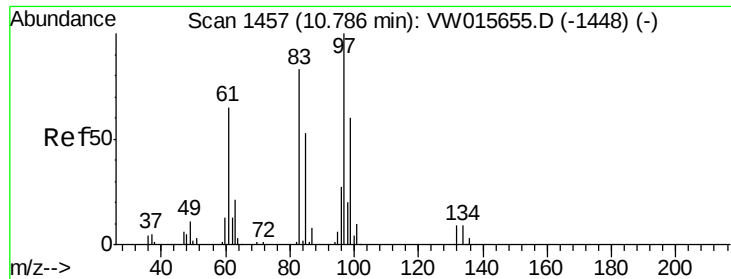
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.658 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 75 Resp: 165381
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2
39 56.9 45.8 68.6





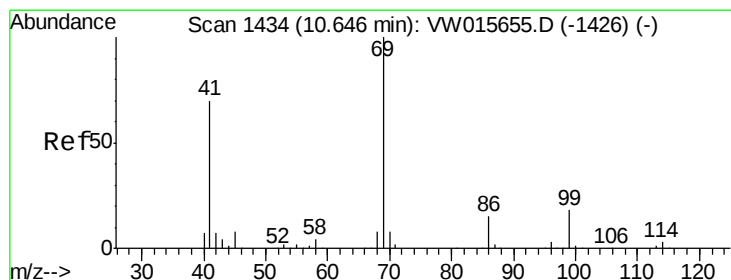
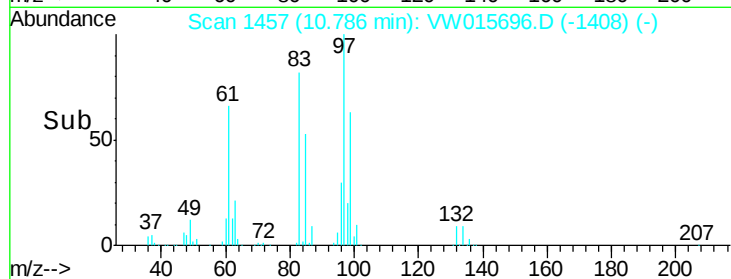
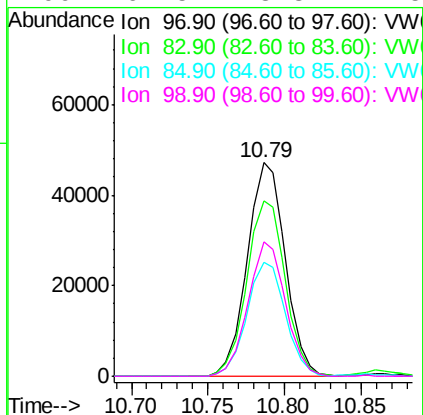
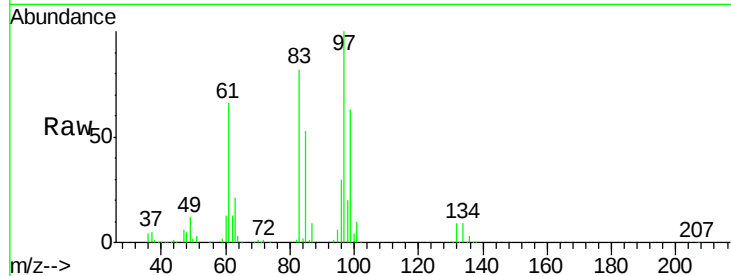
#55
 1,1,2-Trichloroethane
 Concen: 58.344 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	81535
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.3	99.5
85	53.3	42.5	63.7
99	62.5	48.3	72.5

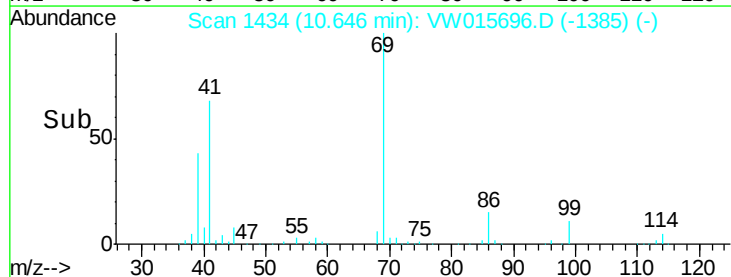
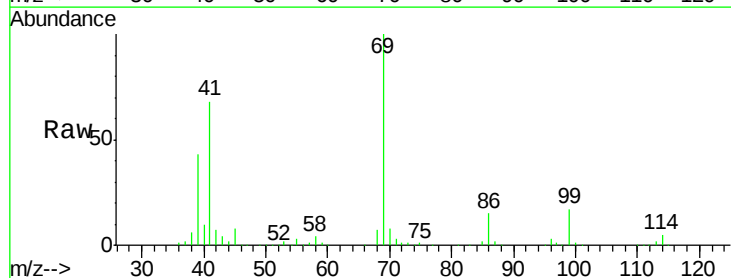
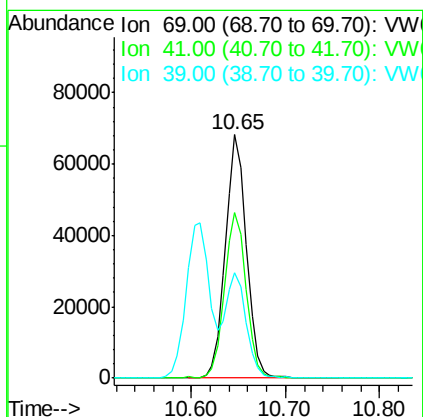
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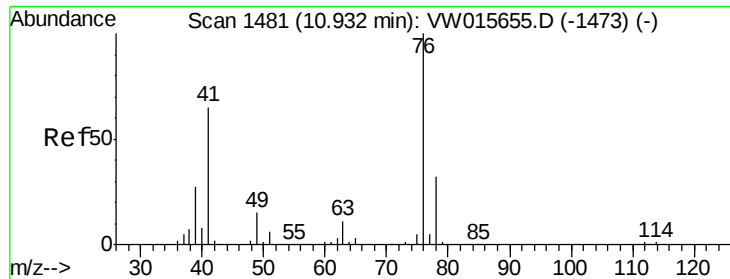
MMDadoda
 6/25/2020 4:18:38 PM



#56
 Ethyl methacrylate
 Concen: 60.852 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion:	69	Resp:	105811
Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.8	83.6
39	42.4	29.5	44.3





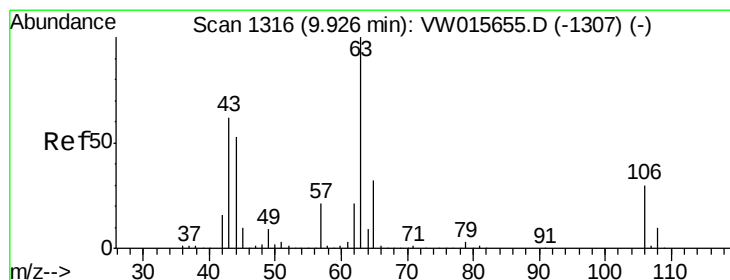
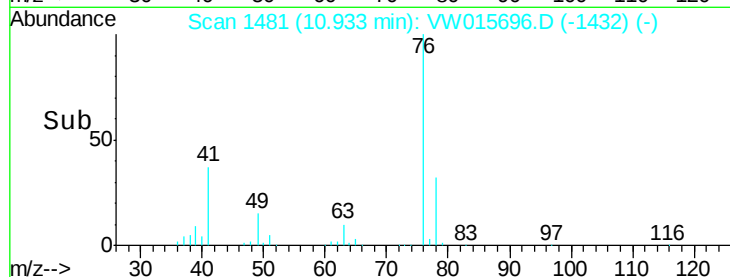
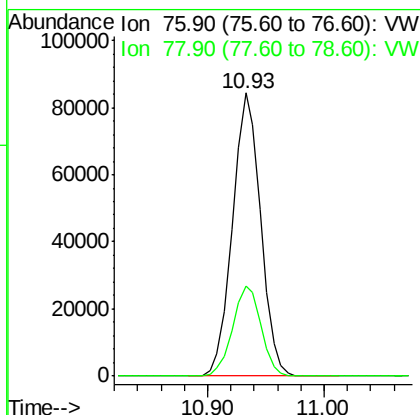
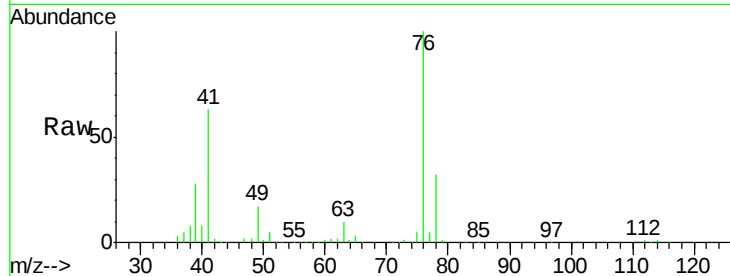
#57
 1,3-Dichloropropane
 Concen: 57.211 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 141740
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

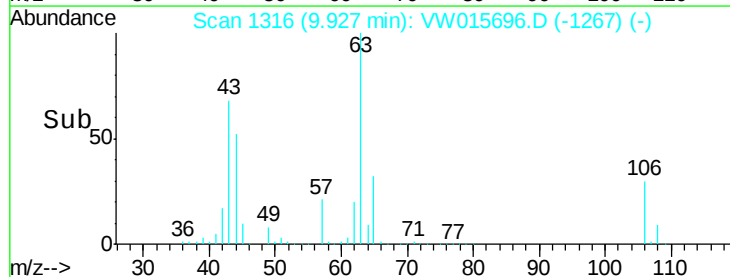
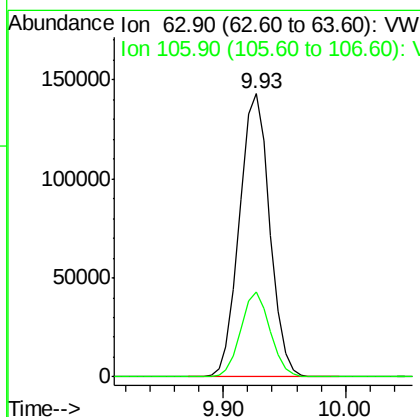
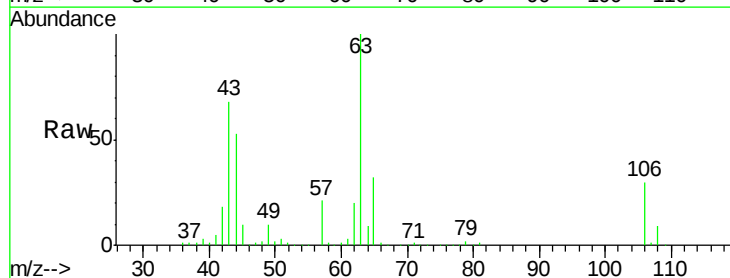
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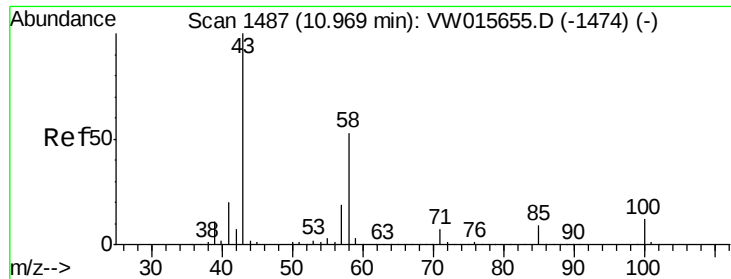
MMDadoda
 6/25/2020 4:18:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 297.935 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion: 63 Resp: 245156
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9





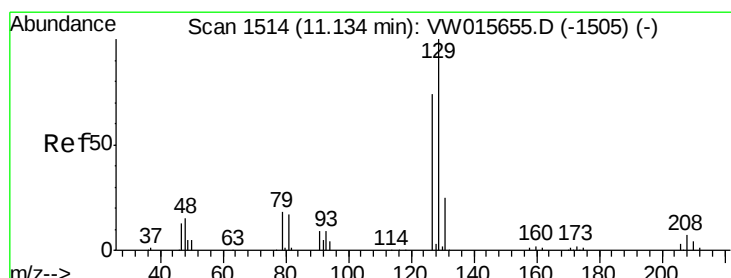
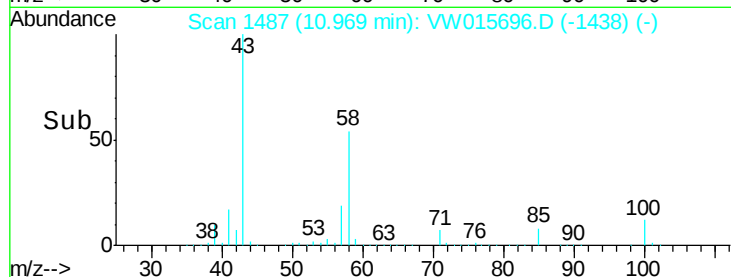
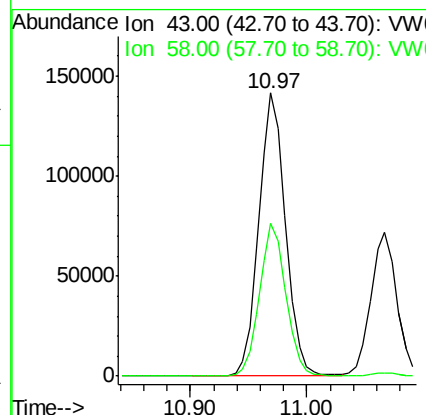
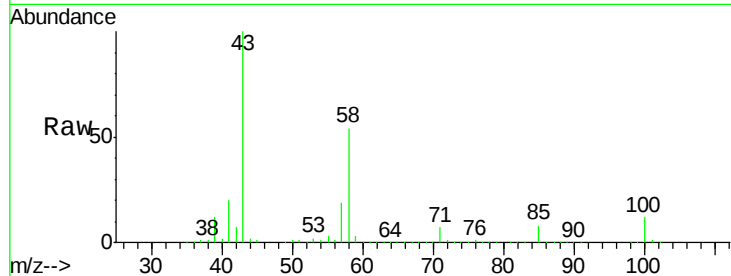
#59
2-Hexanone
Concen: 308.989 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 225932
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.4

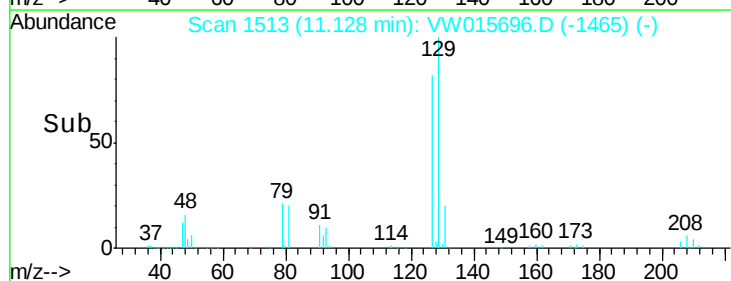
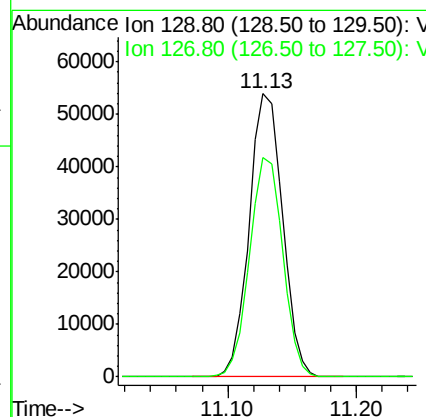
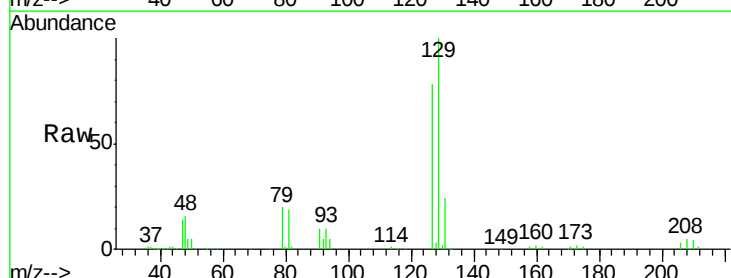
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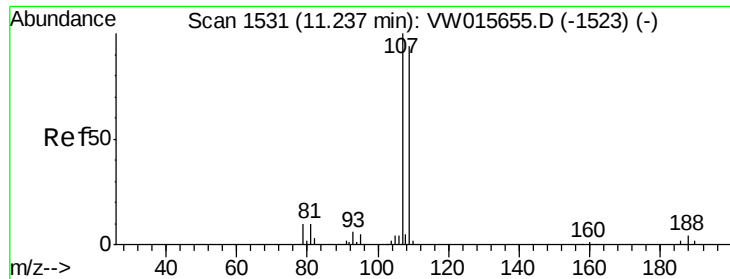
MMDadoda
6/25/2020 4:18:38 PM



#60
Dibromochloromethane
Concen: 59.054 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 129 Resp: 96170
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1





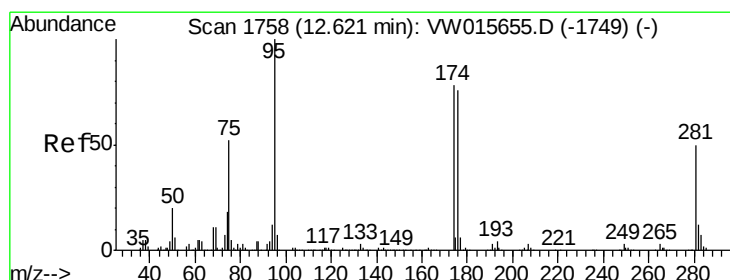
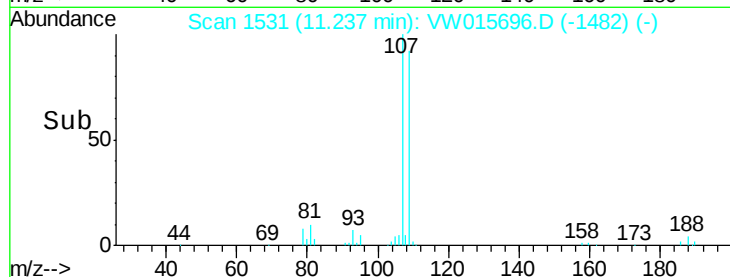
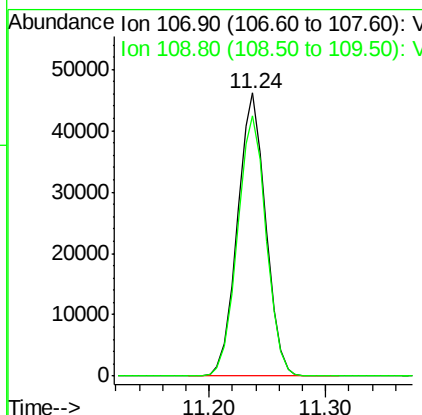
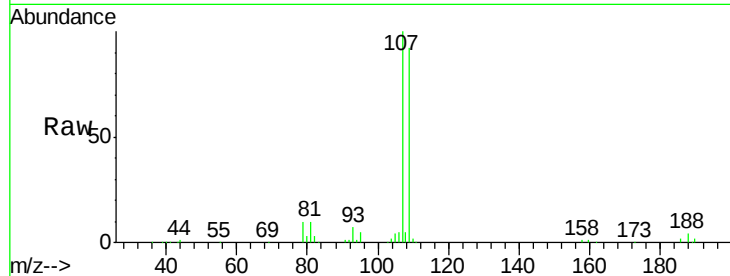
#61
 1,2-Dibromoethane
 Concen: 58.386 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.9	112.3

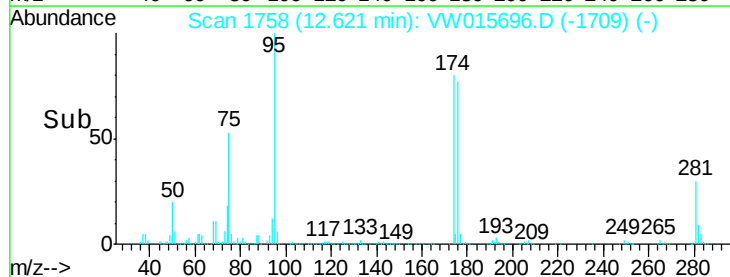
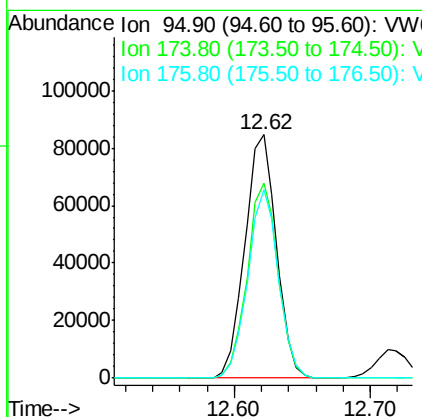
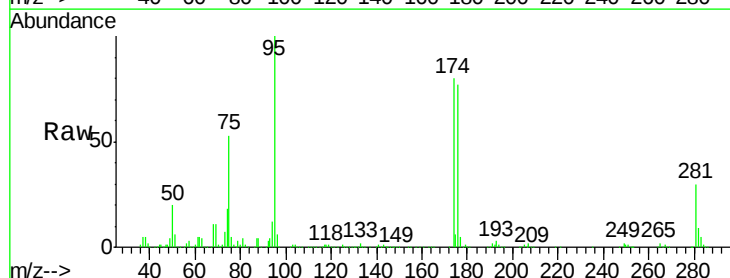
Manual Integrations
 APPROVED

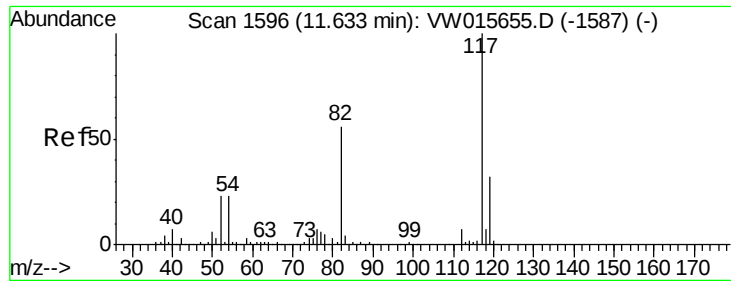
MMDadoda
 6/25/2020 4:18:38 PM



#62
 4-Bromofluorobenzene
 Concen: 53.708 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	157.0
176	75.5	0.0	151.4





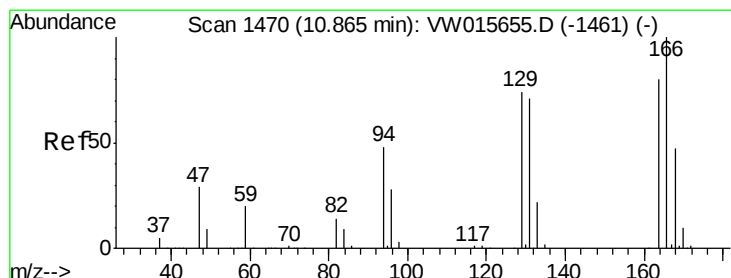
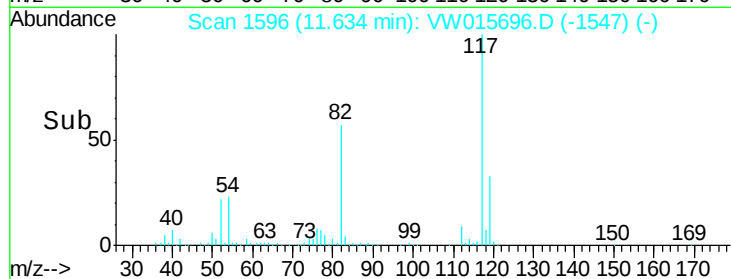
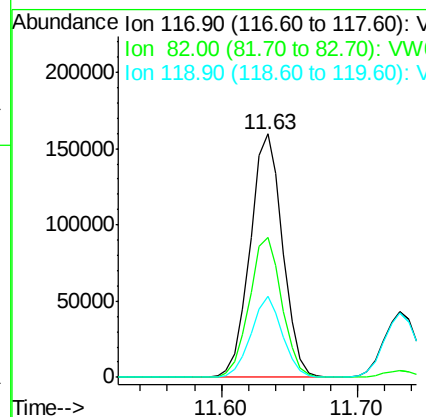
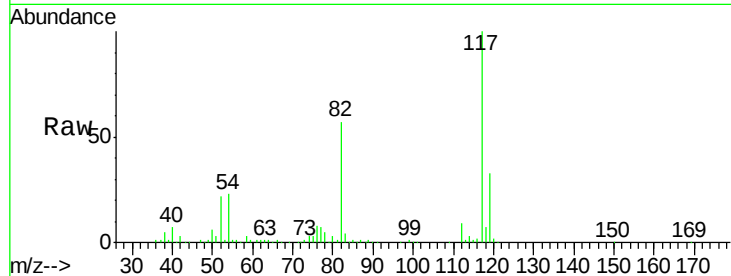
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.1	67.7
119	33.0	25.8	38.8

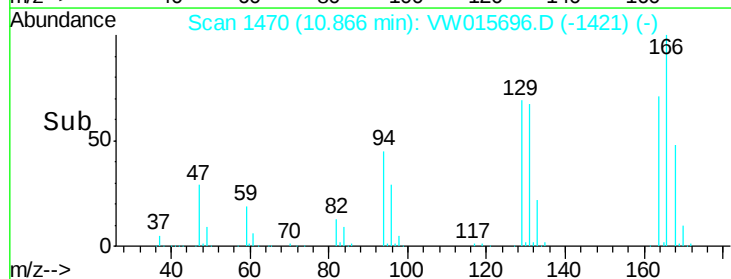
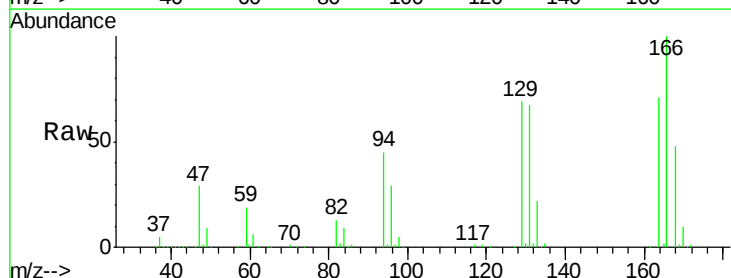
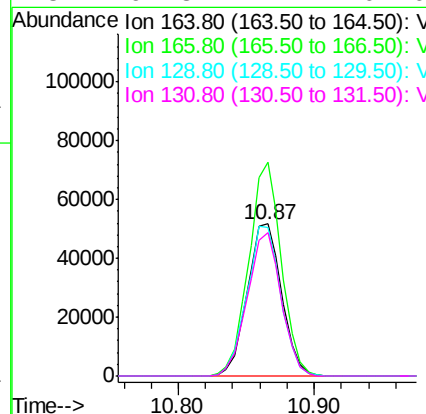
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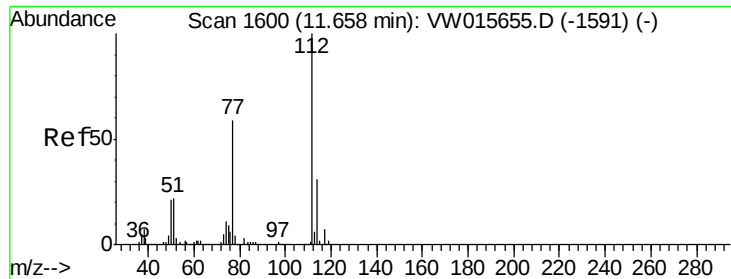
MMDadoda
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#64
Tetrachloroethene
Concen: 48.688 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	140.6	99.9	149.9
129	97.6	74.2	111.2
131	94.3	71.4	107.0





#65

Chlorobenzene

Concen: 52.581 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 296155

Ion Ratio Lower Upper

112 100

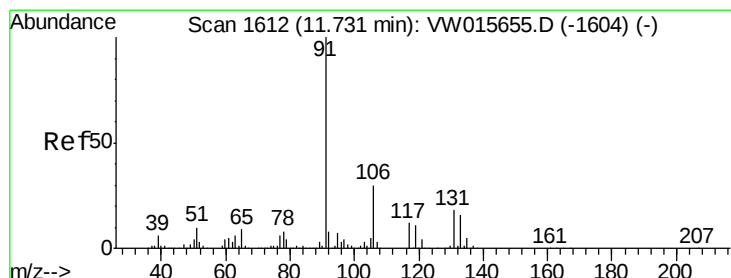
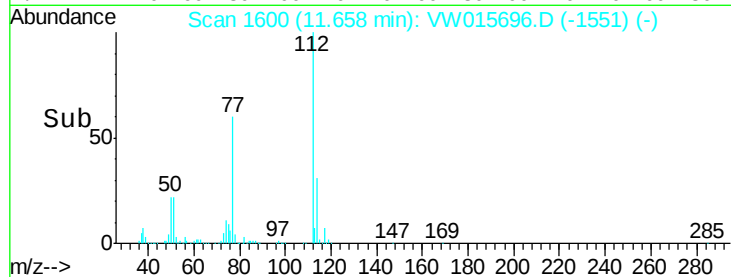
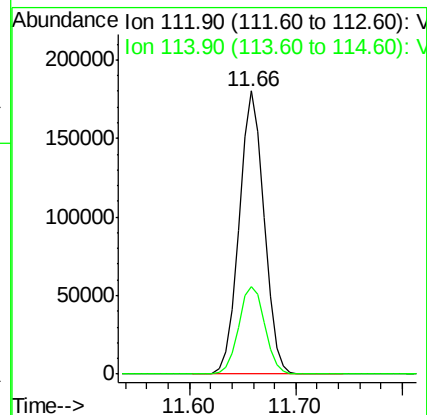
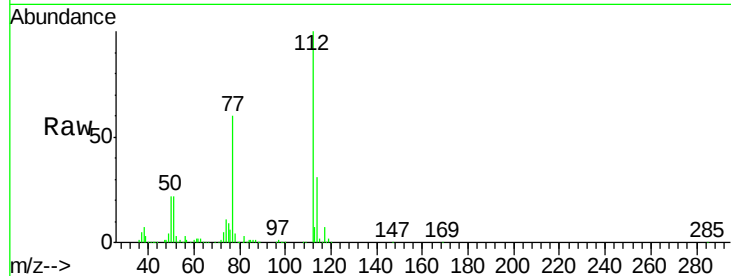
114 30.8 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.934 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

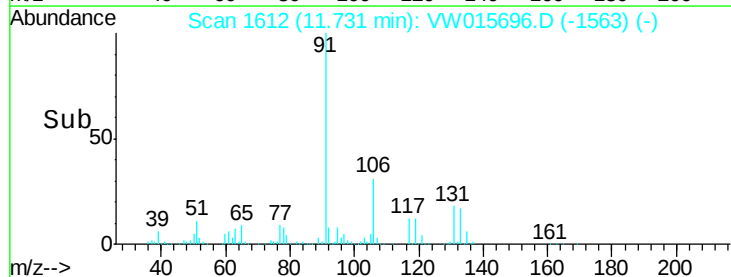
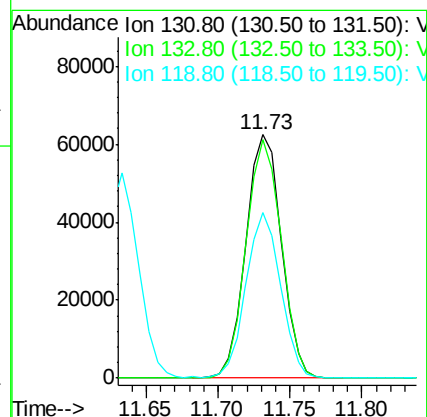
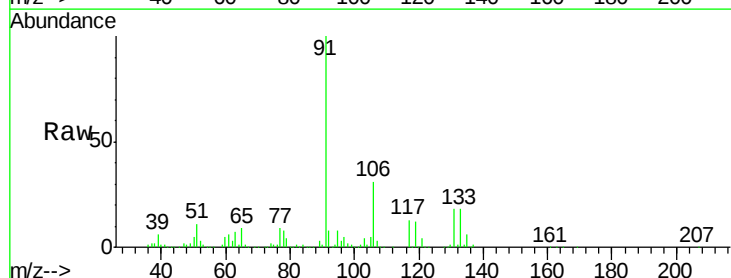
Tgt Ion:131 Resp: 106511

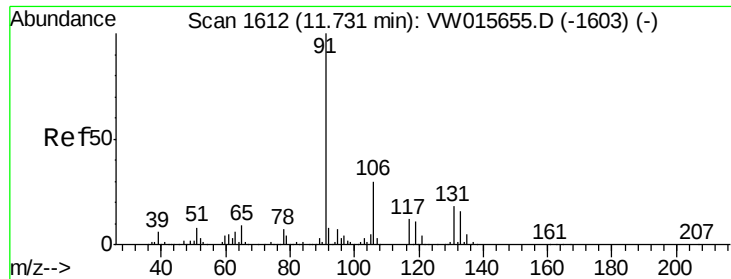
Ion Ratio Lower Upper

131 100

133 97.3 46.5 139.5

119 66.7 32.5 97.5





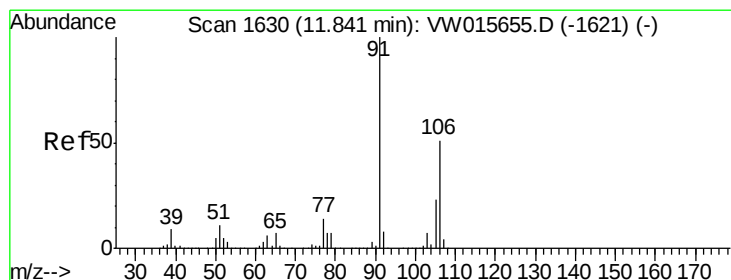
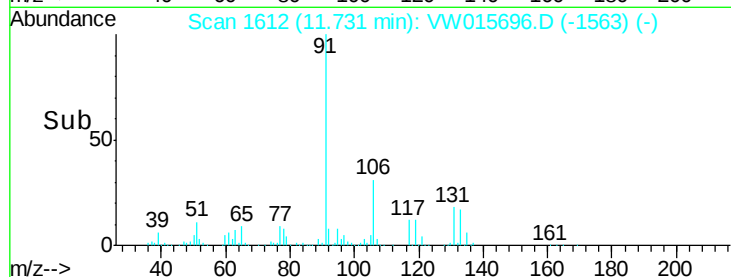
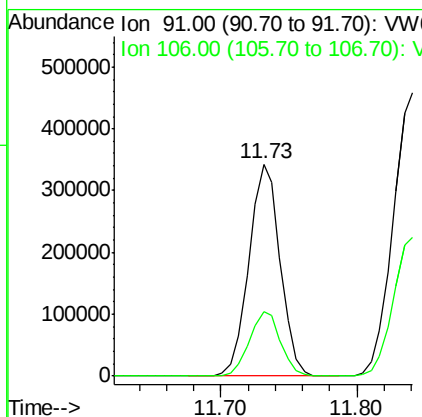
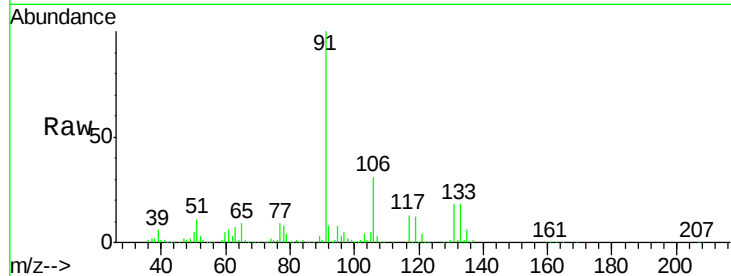
#67
Ethyl Benzene
Concen: 52.605 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 551406
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1

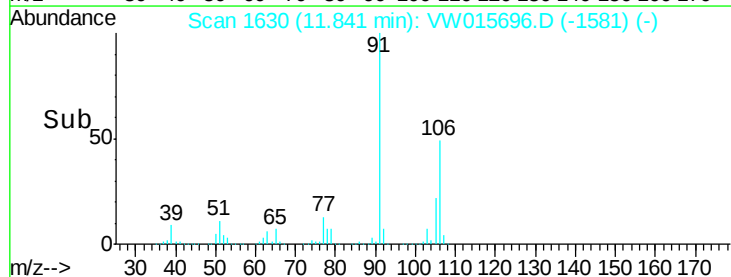
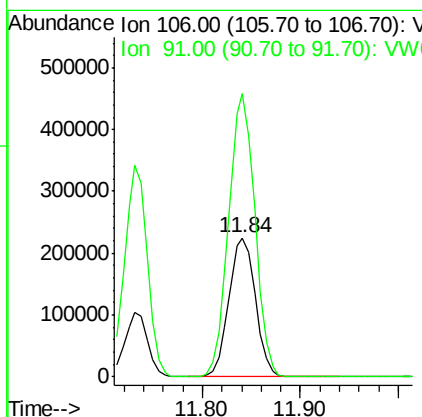
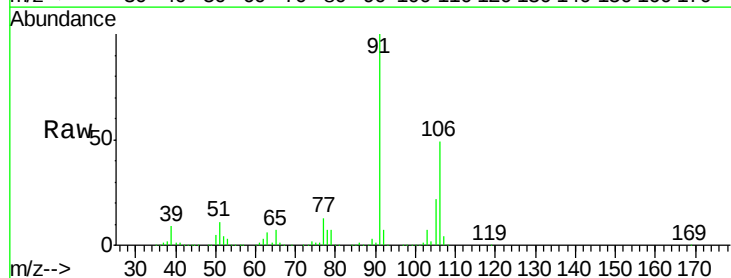
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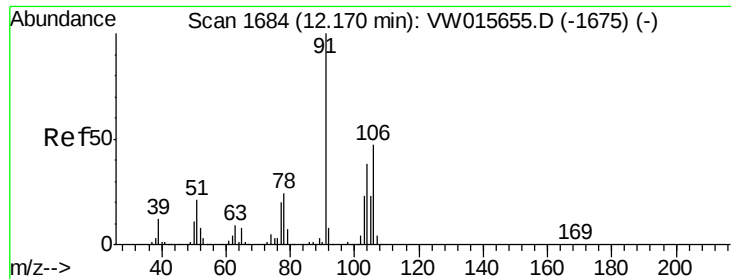
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#68
m/p-Xylenes
Concen: 107.373 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion: 106 Resp: 422620
Ion Ratio Lower Upper
106 100
91 201.7 162.6 244.0





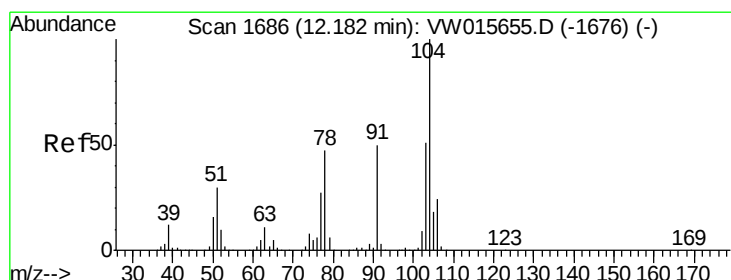
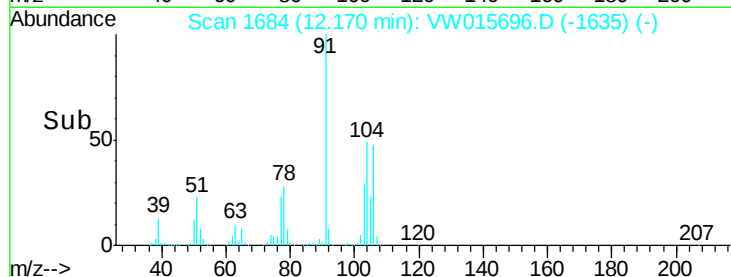
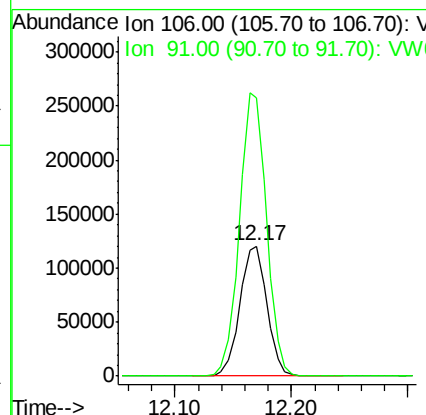
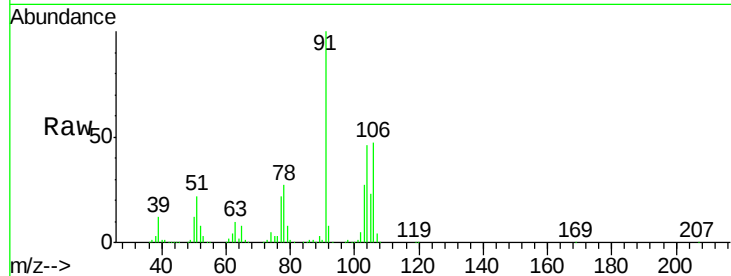
#69
o-Xylene
Concen: 53.918 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	195127		
91	91	217.5	108.3	324.9	

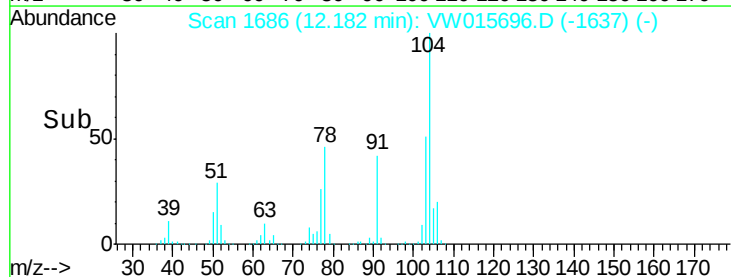
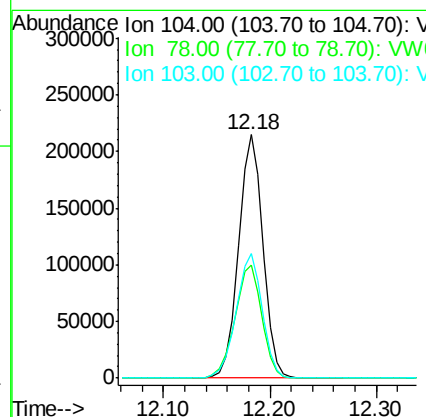
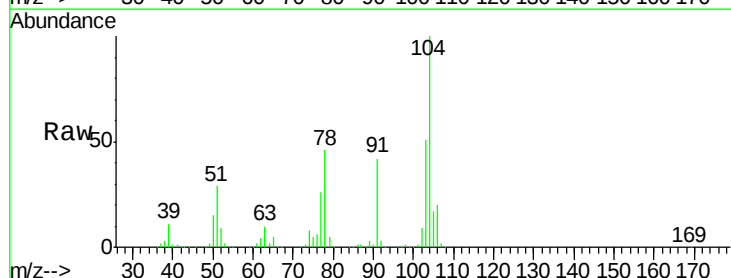
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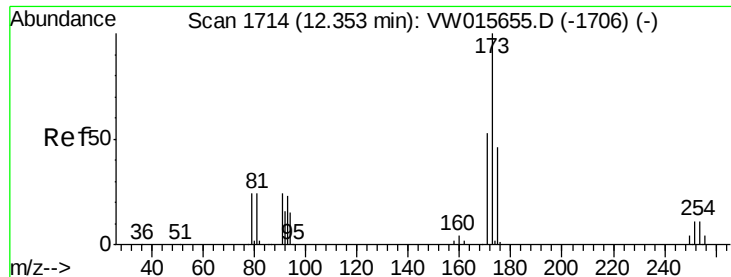
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#70
Styrene
Concen: 55.773 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	344850		
78	78	51.0	40.9	61.3	
103	103	54.7	43.1	64.7	





#71

Bromoform

Concen: 56.792 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

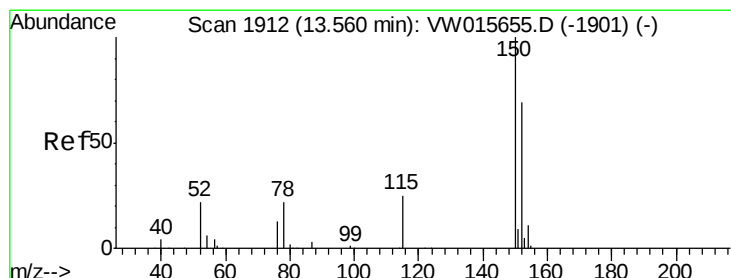
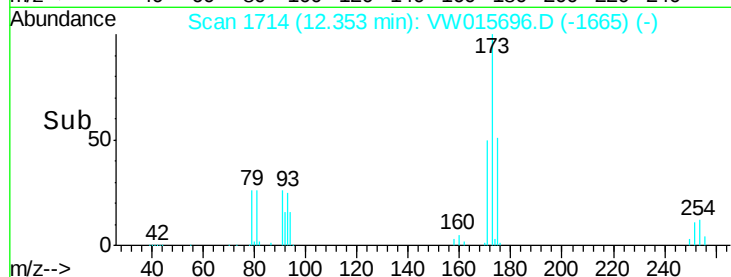
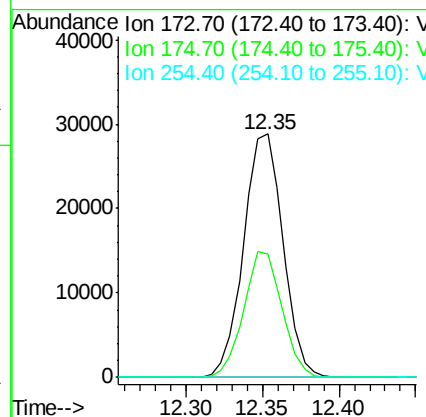
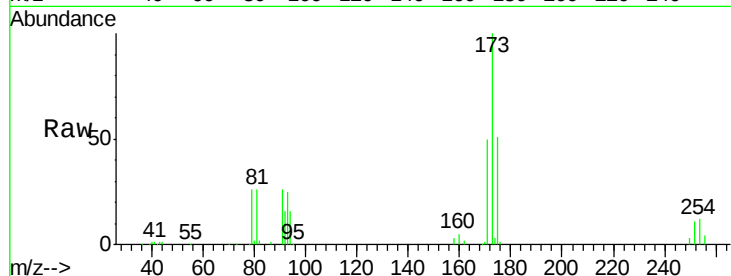
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	23.5	70.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

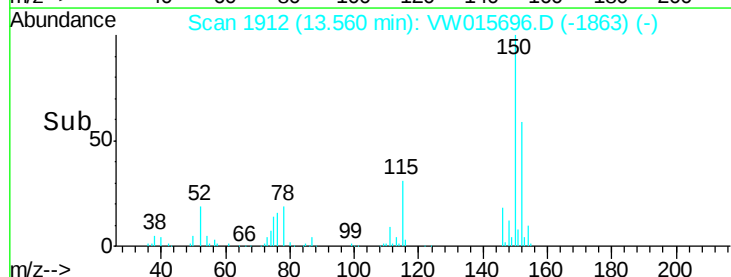
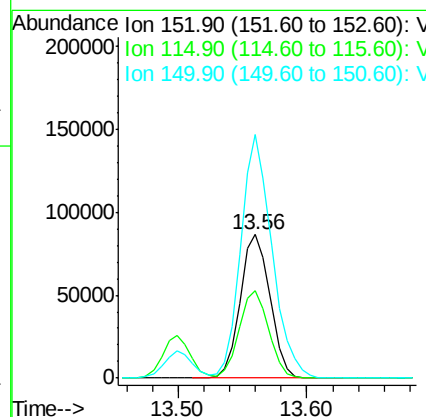
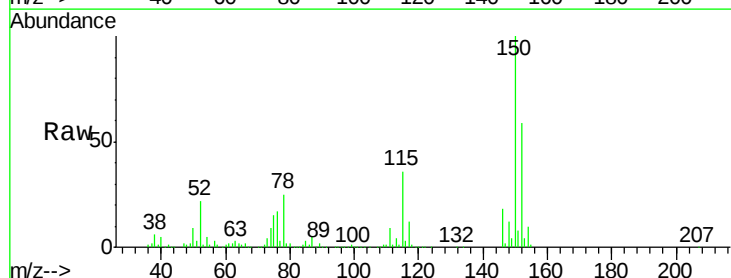
RT: 13.56 min Scan# 1912

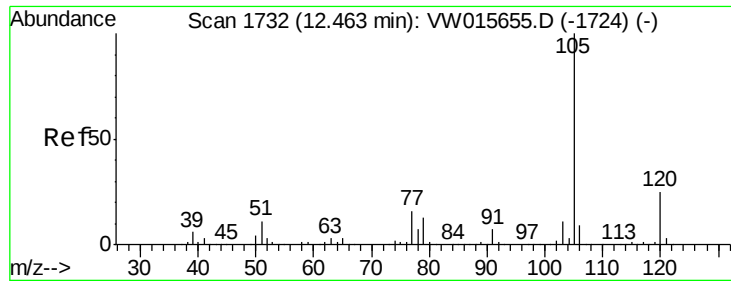
Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.5
150	177.5	0.0	345.6





#73

Isopropylbenzene

Concen: 51.307 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 543496

Ion Ratio Lower Upper

105 100

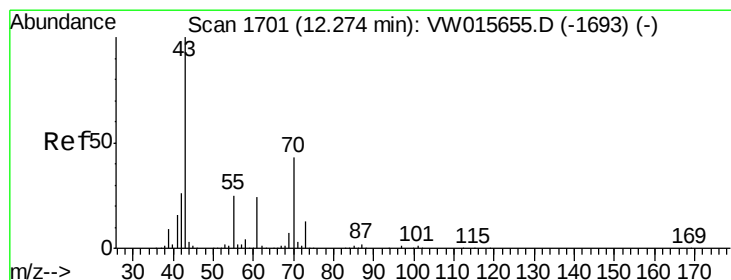
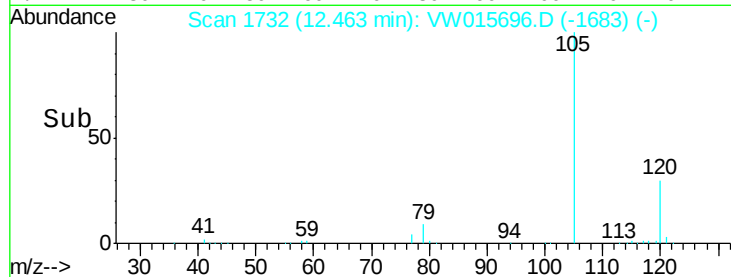
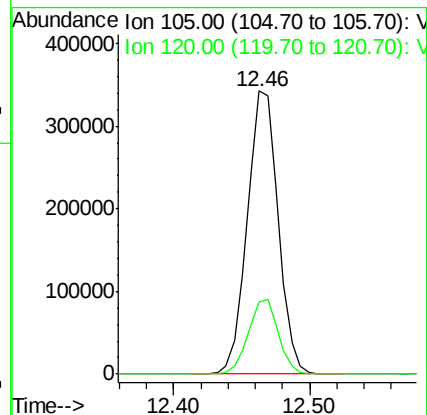
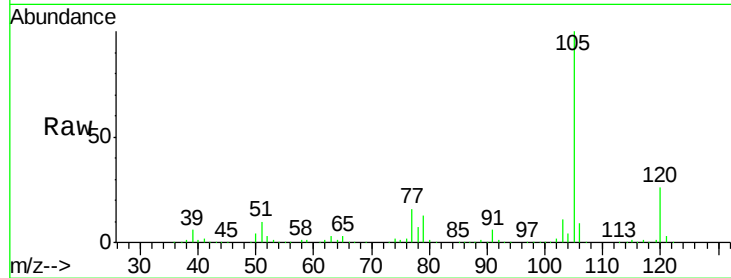
120 25.9 12.9 38.7

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#74

N-ethyl acetate

Concen: 57.747 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion: 43 Resp: 129674

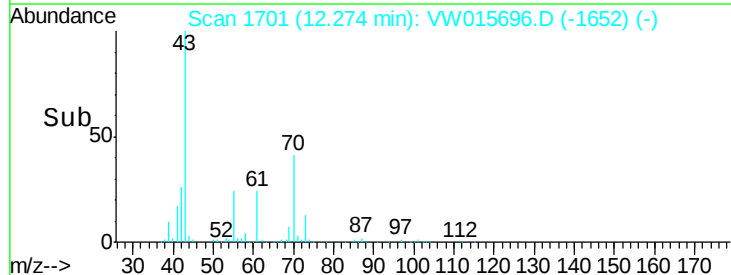
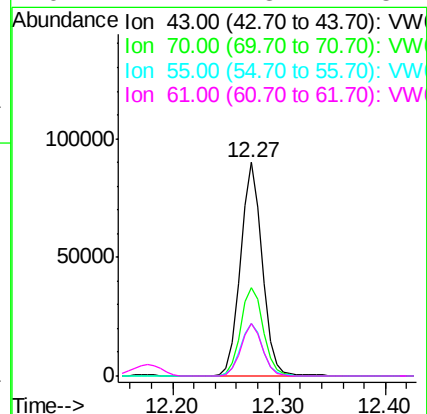
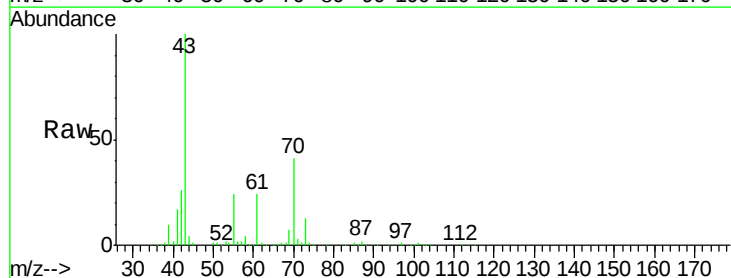
Ion Ratio Lower Upper

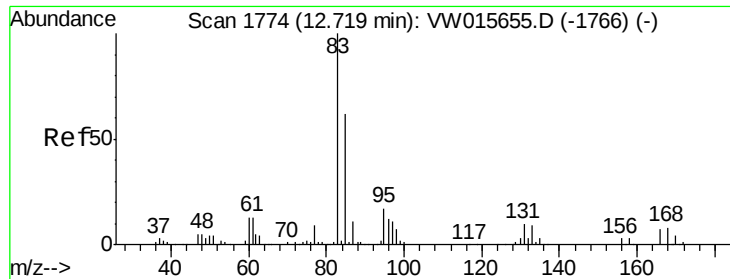
43 100

70 43.1 33.6 50.4

55 24.9 19.7 29.5

61 24.2 18.7 28.1





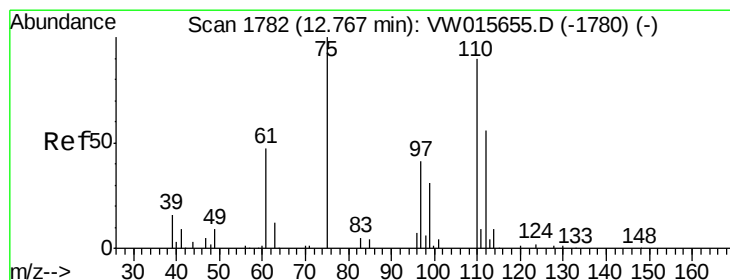
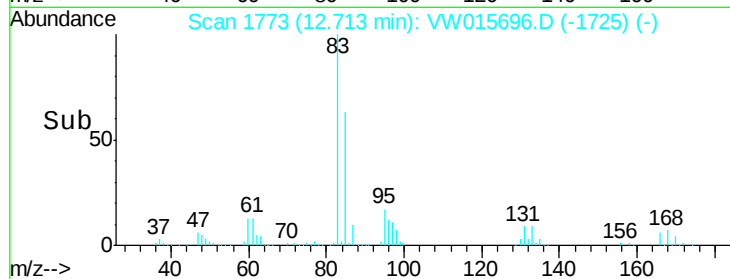
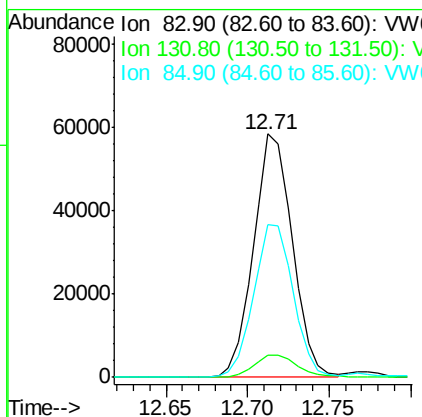
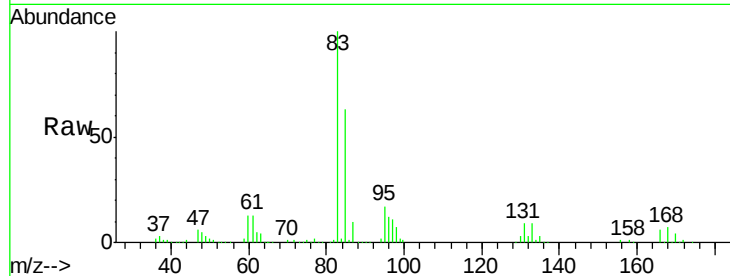
#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.055 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.5	5.5	16.4	
85	63.9	31.9	95.7	

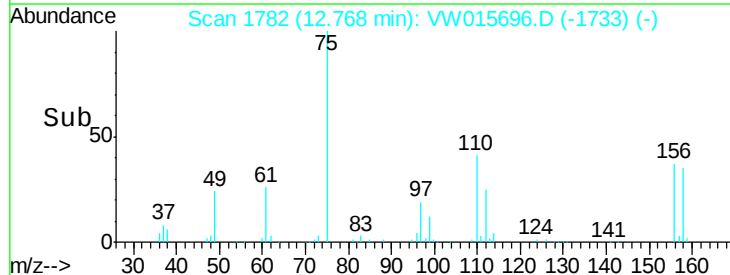
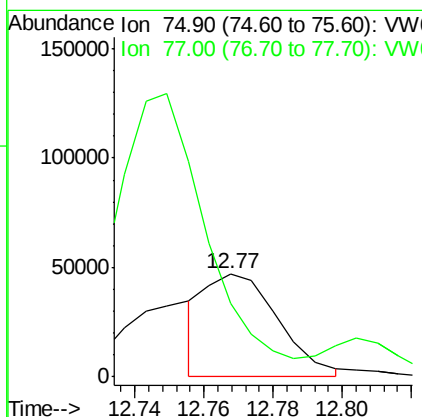
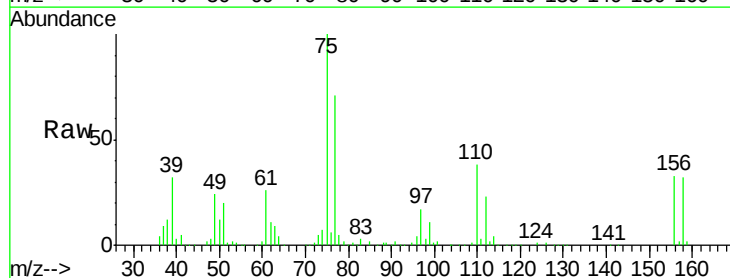
Manual Integrations
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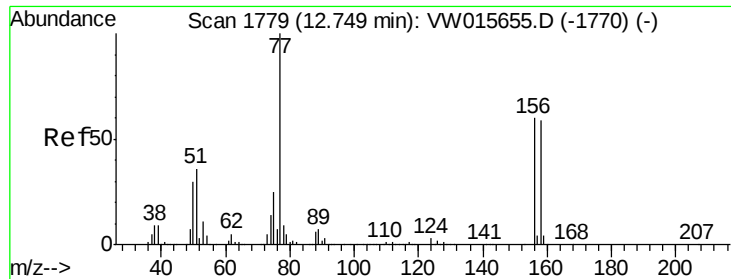
MMDadoda
 6/25/2020 4:18:38 PM



#76
 1,2,3-Trichloropropane
 Concen: 54.756 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	345.0	179.1	537.1	





#77

Bromobenzene

Concen: 53.317 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

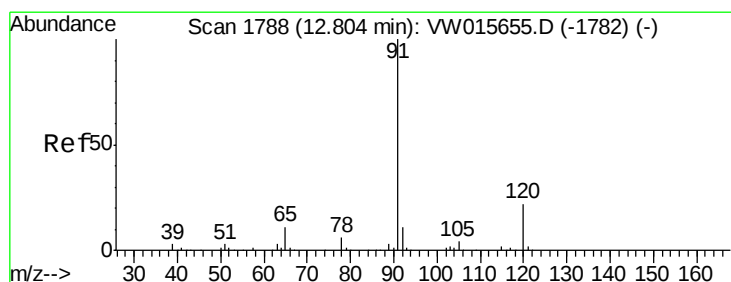
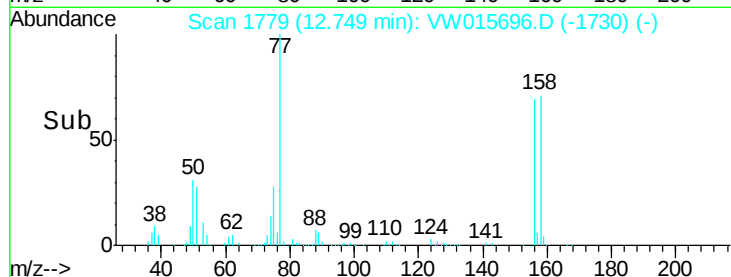
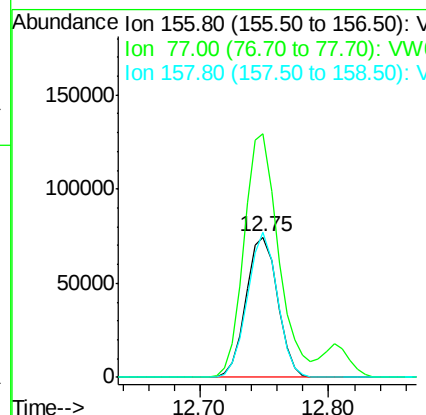
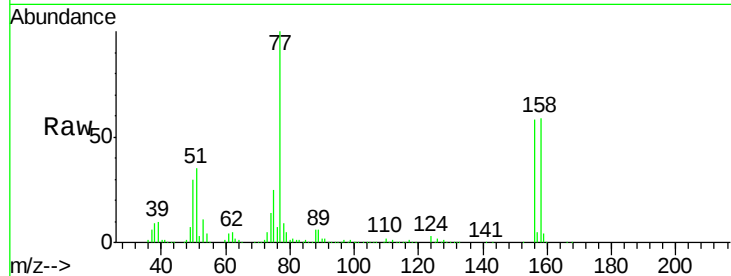
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	125937
Ion Ratio	Lower	Upper	
156	100		
77	190.0	94.5	283.5
158	97.9	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.557 ug/l

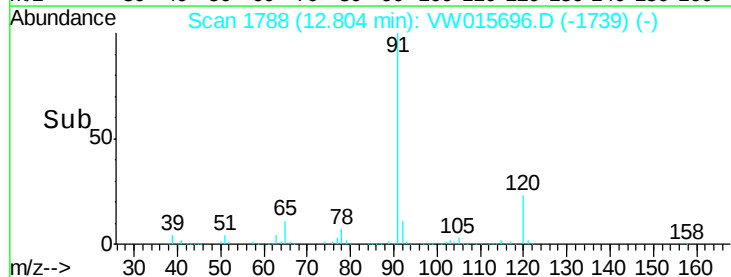
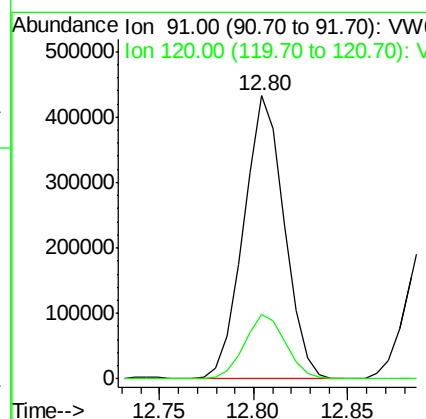
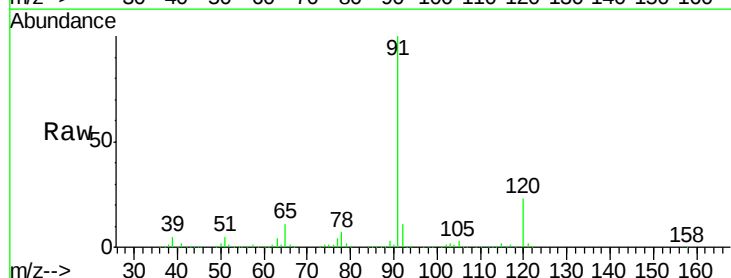
RT: 12.80 min Scan# 1788

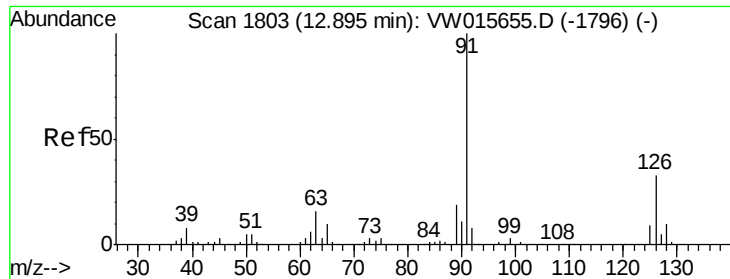
Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion:	91	Resp:	644628
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.934 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 372848

Ion Ratio Lower Upper

91 100

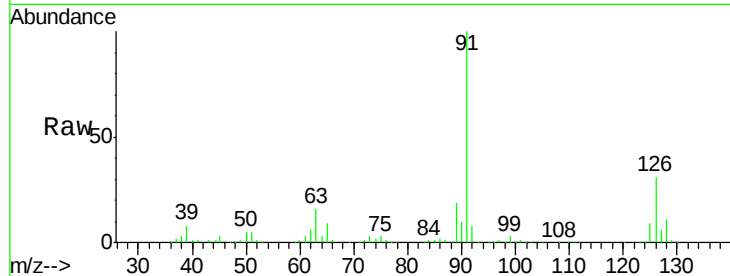
126 32.7 16.6 49.8

Manual Integrations

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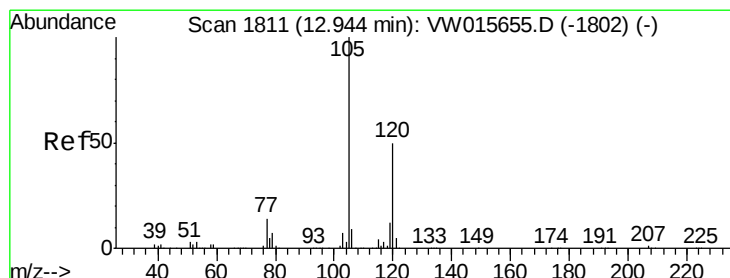
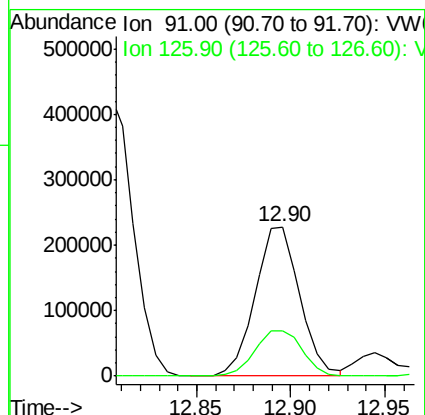
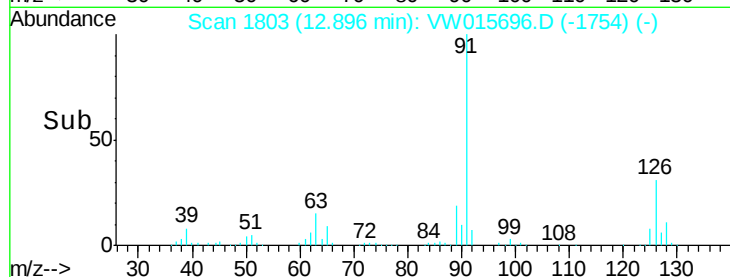
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.970 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015696.D

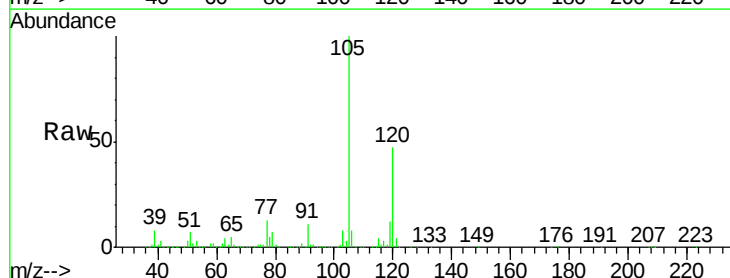
Acq: 24 Jun 2020 21:01

Tgt Ion: 105 Resp: 466470

Ion Ratio Lower Upper

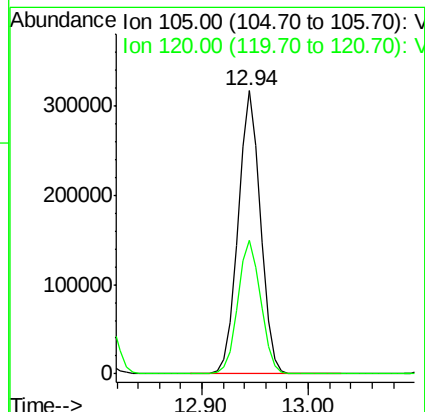
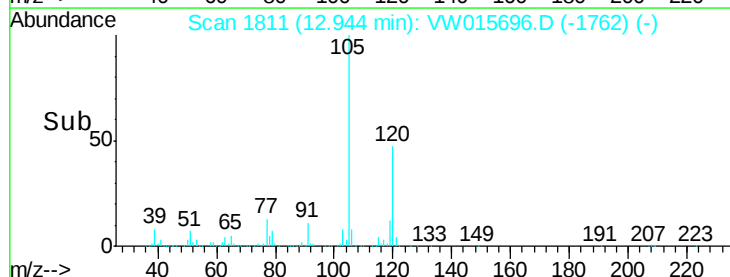
105 100

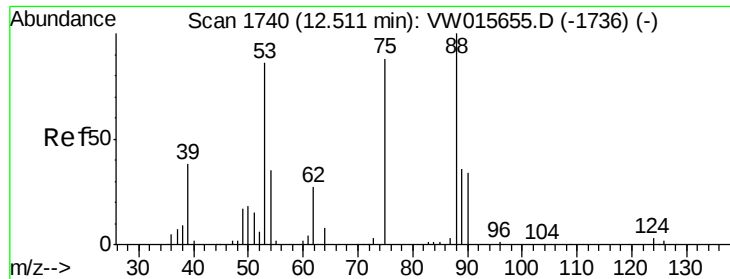
120 48.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





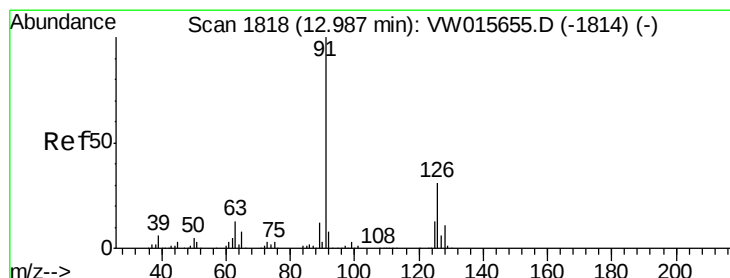
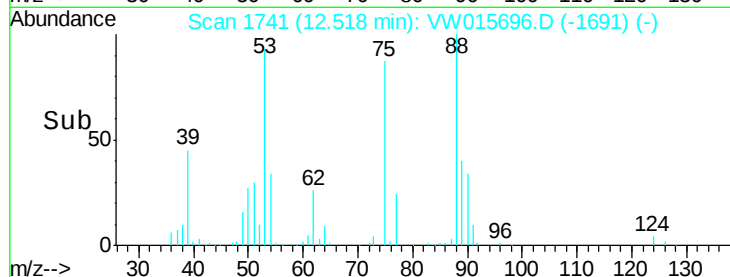
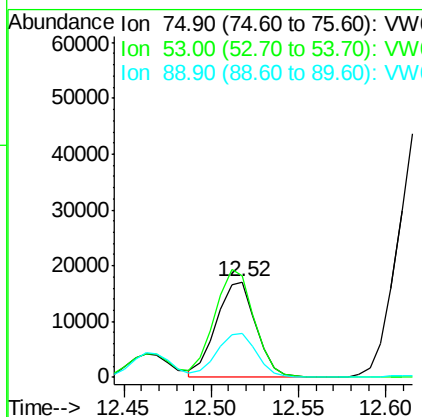
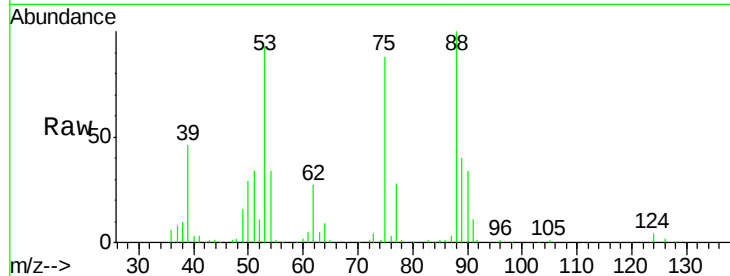
#81
trans-1,4-Dichloro-2-butene
Concen: 53.292 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.9	83.8	125.8
89	47.1	36.6	55.0

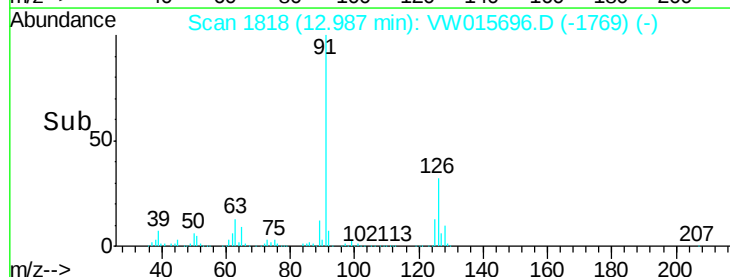
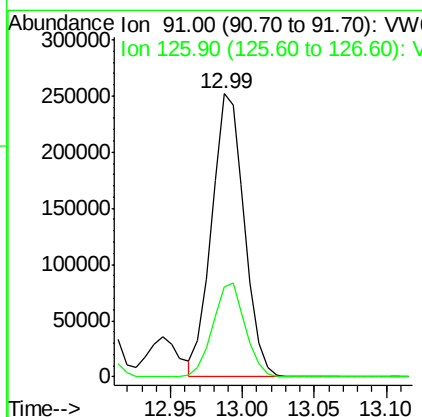
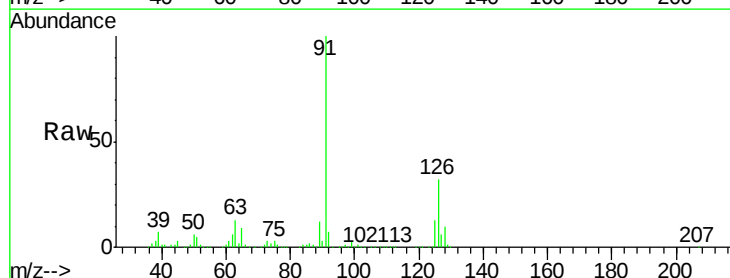
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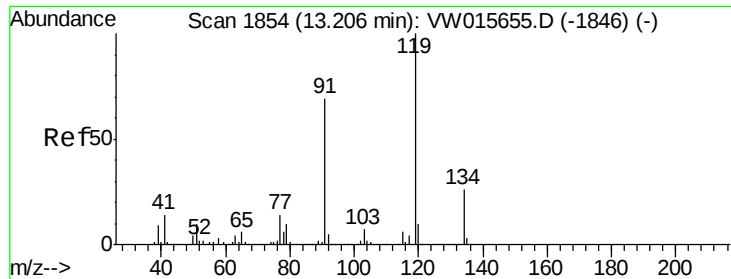
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#82
4-Chlorotoluene
Concen: 52.151 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.9





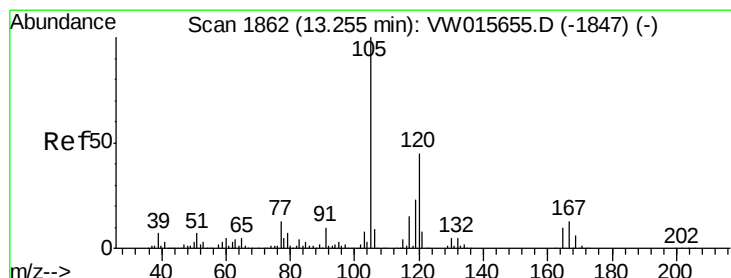
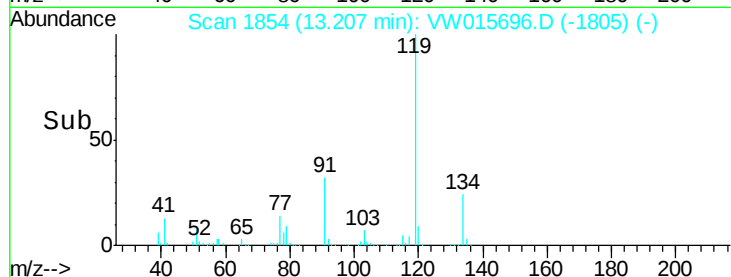
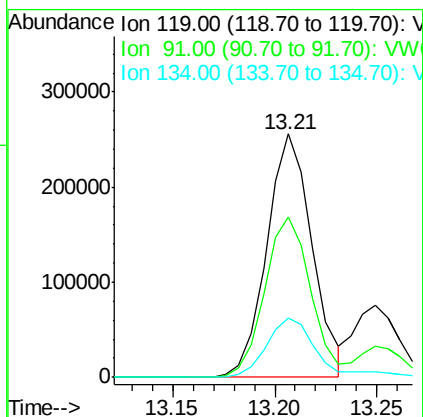
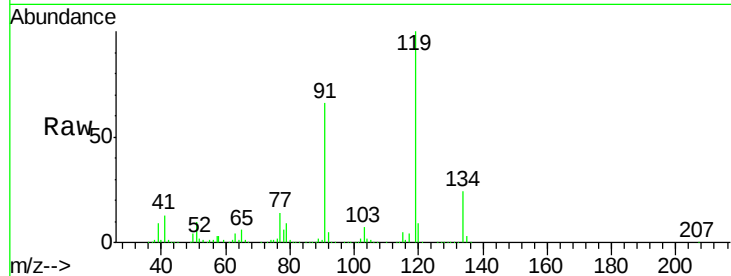
#83
tert-Butylbenzene
Concen: 52.181 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	34.7	104.1
134	25.3	13.8	41.4

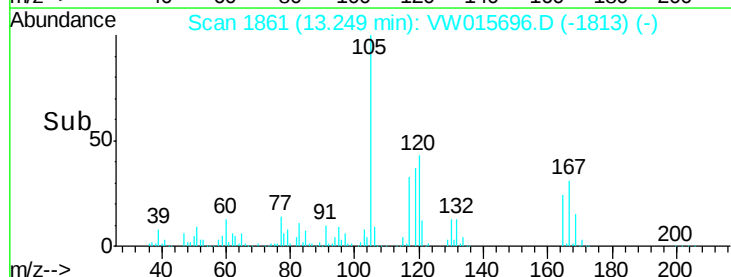
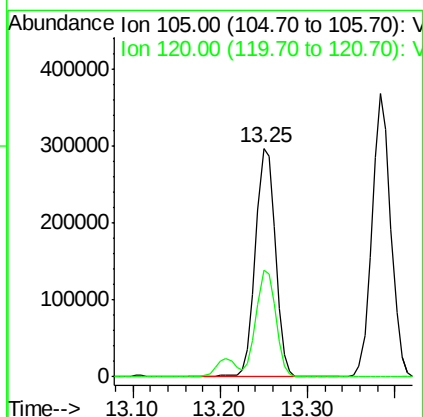
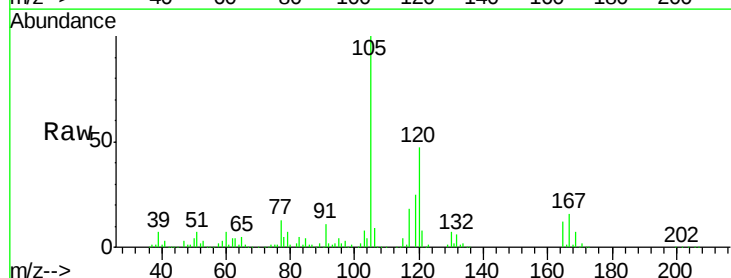
Manual Integrations
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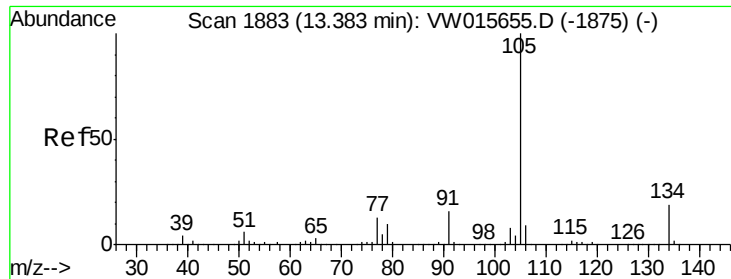
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.534 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 51.052 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 553333

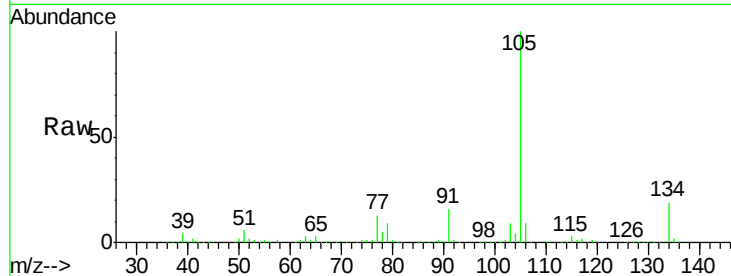
Ion Ratio Lower Upper

105 100

134 20.1 10.0 29.8

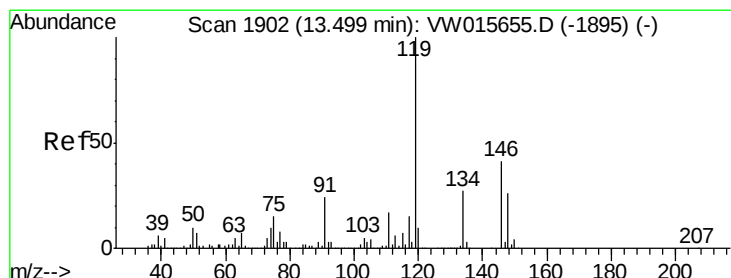
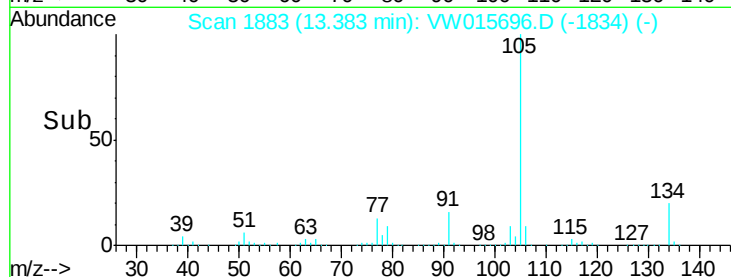
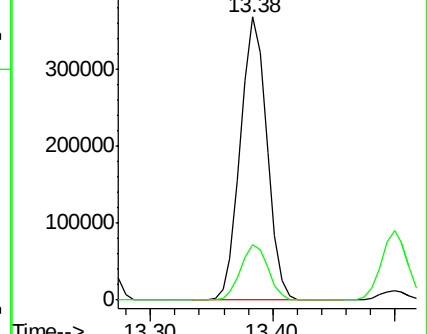
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.129 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

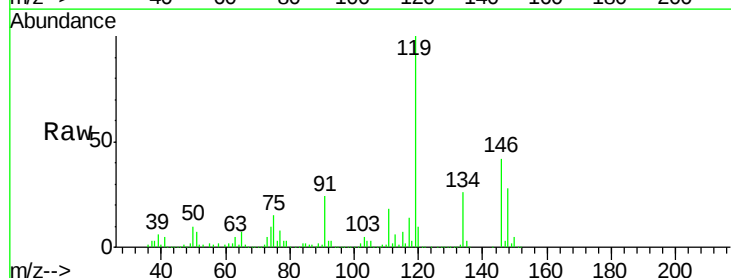
Tgt Ion:119 Resp: 513352

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

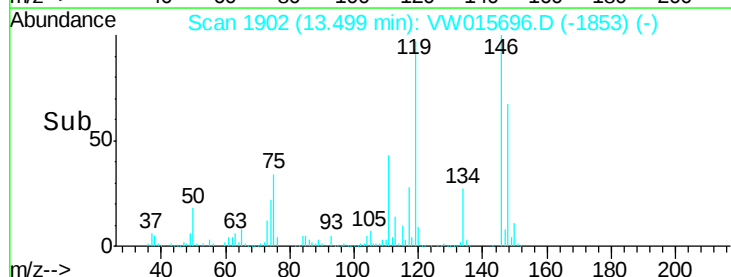
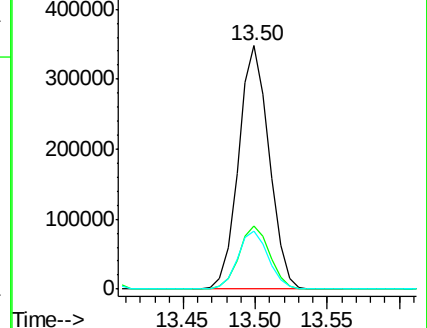
91 24.0 12.3 36.8

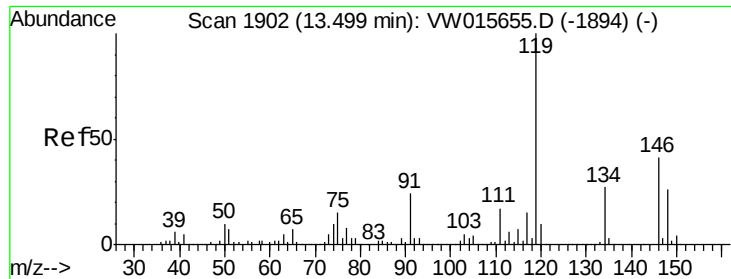


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.869 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

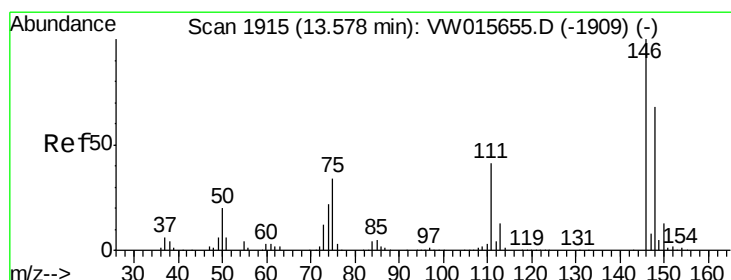
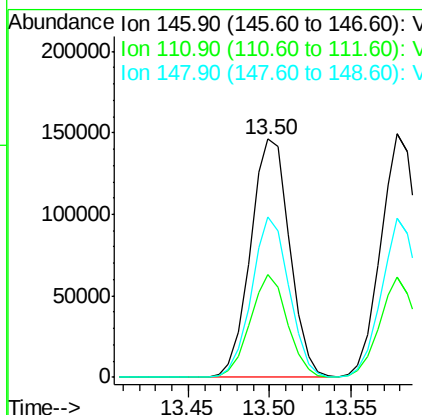
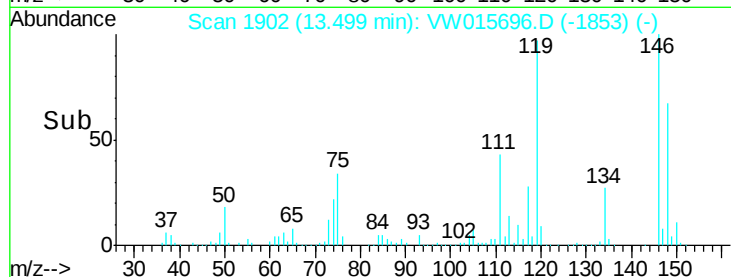
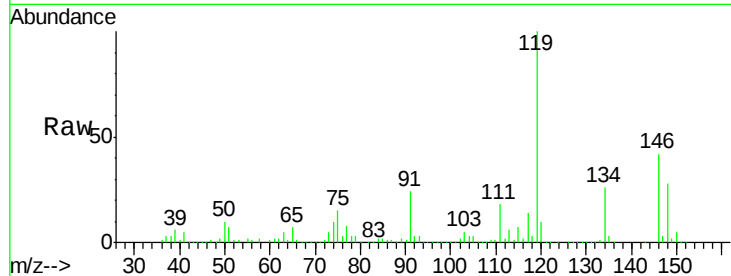
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	64.3	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.592 ug/l

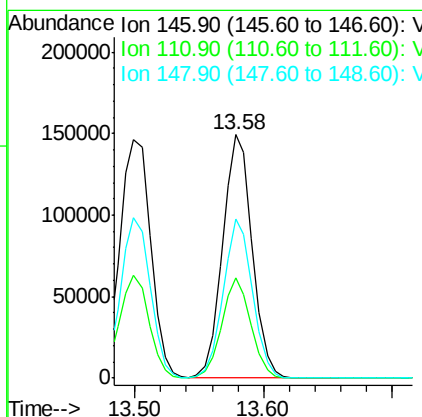
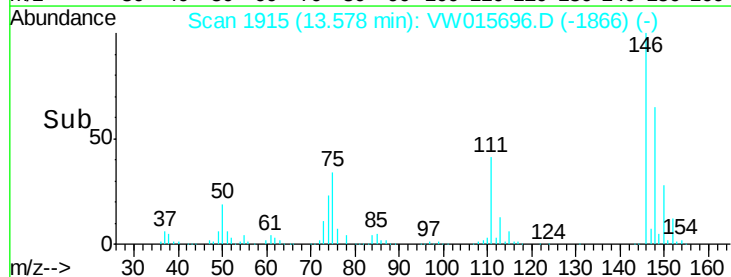
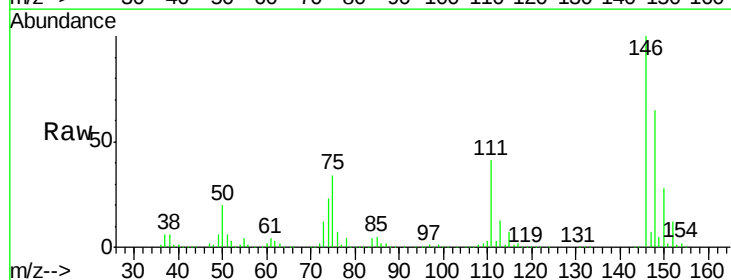
RT: 13.58 min Scan# 1915

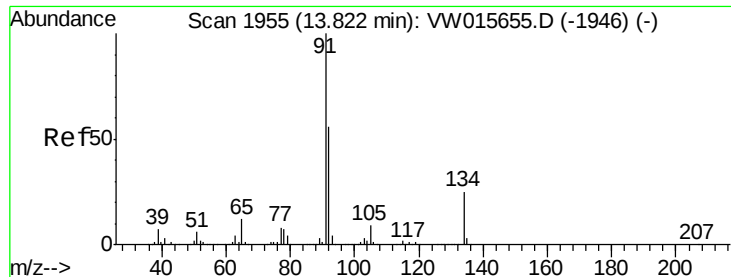
Delta R.T. 0.00 min

Lab File: VW015696.D

Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.8	33.7	101.1





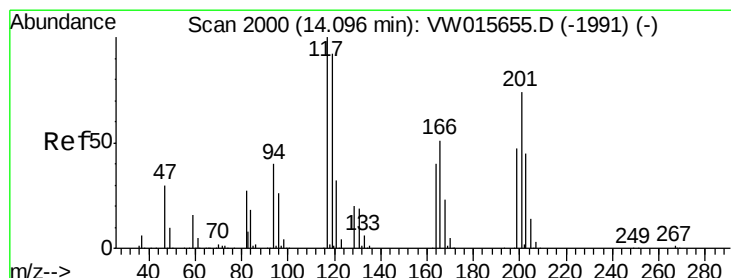
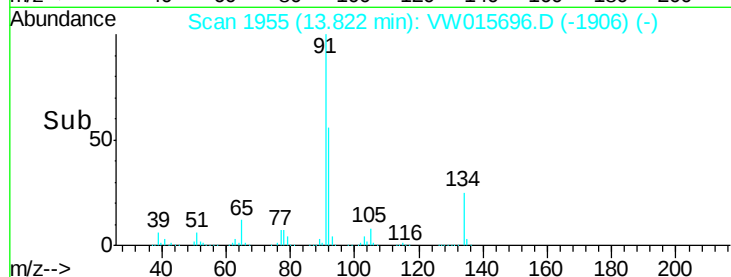
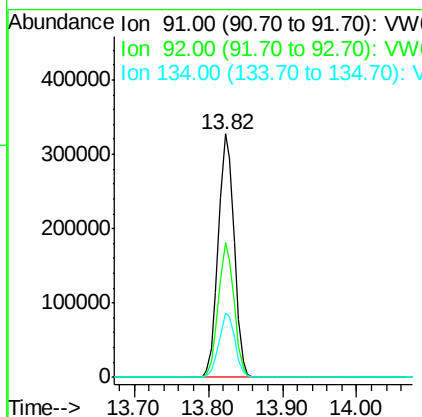
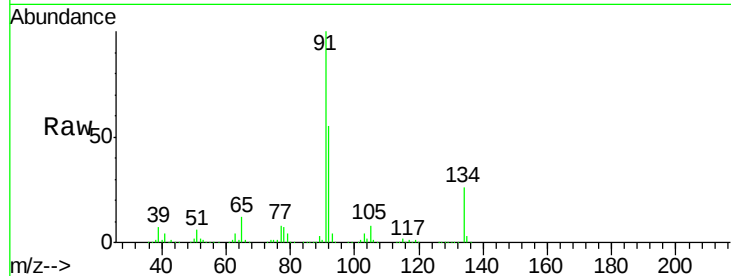
#89
n-Butylbenzene
Concen: 50.981 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.4
134	26.2	13.0	38.9

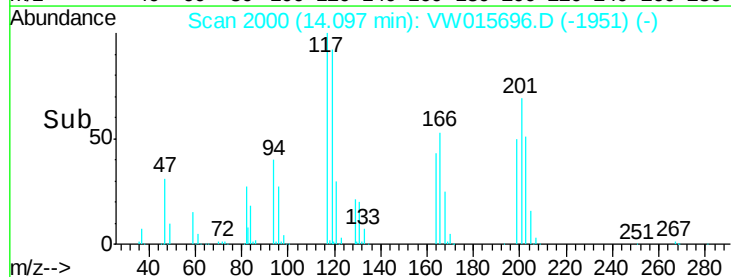
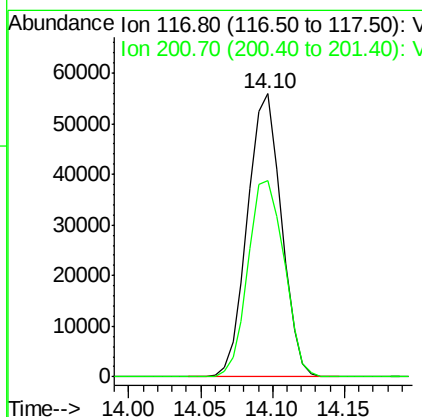
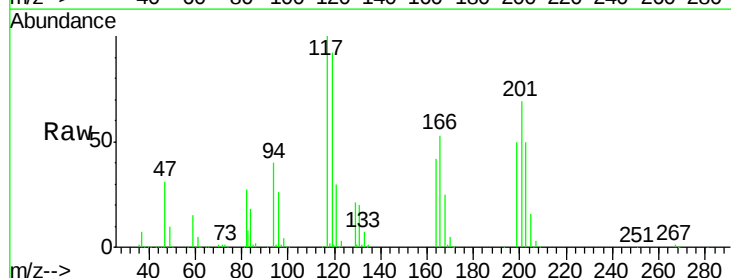
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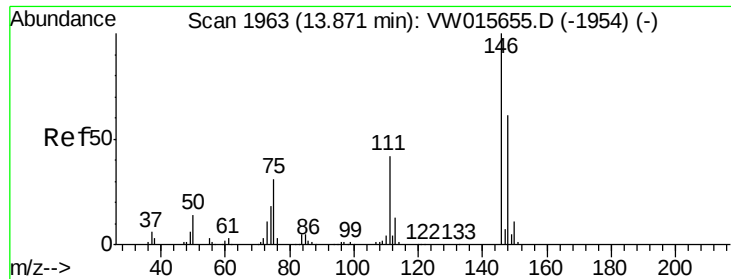
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#90
Hexachloroethane
Concen: 52.029 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	37.1	111.5





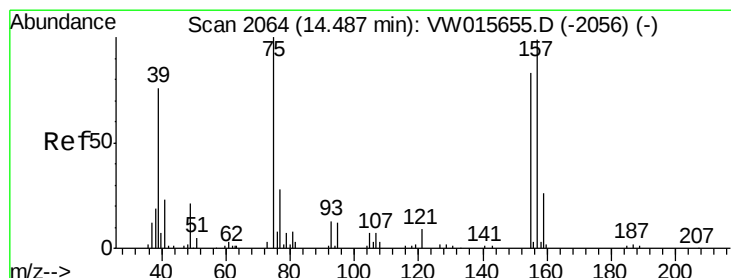
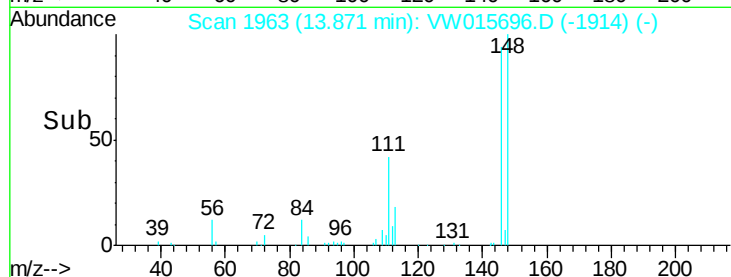
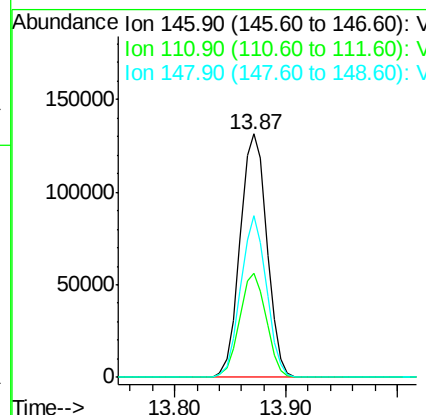
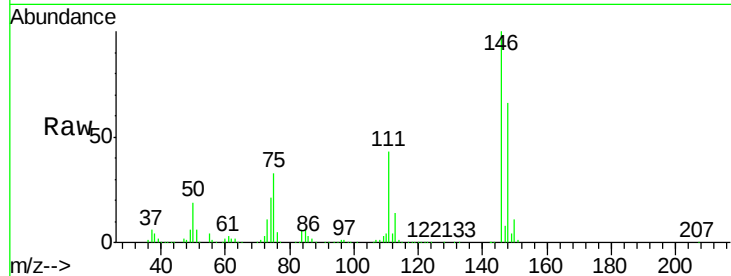
#91
 1,2-Dichlorobenzene
 Concen: 53.930 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.7
148	64.0	32.2	96.6

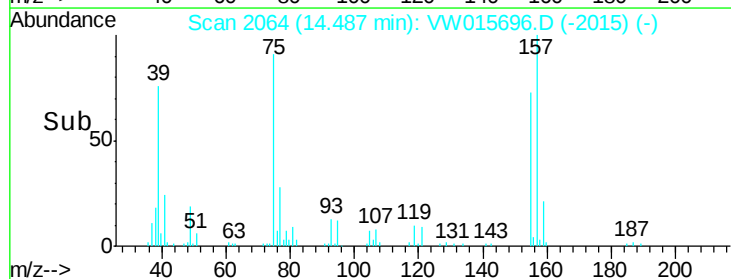
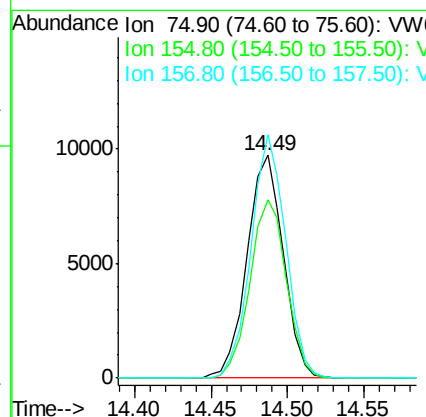
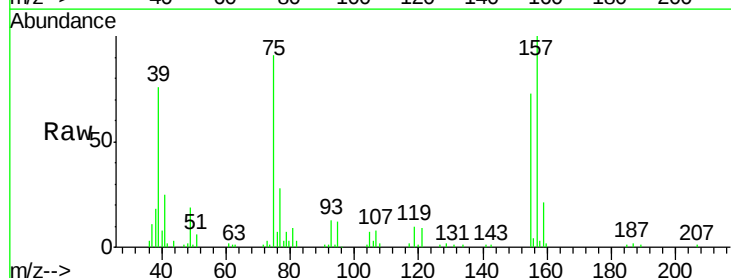
Manual Integrations
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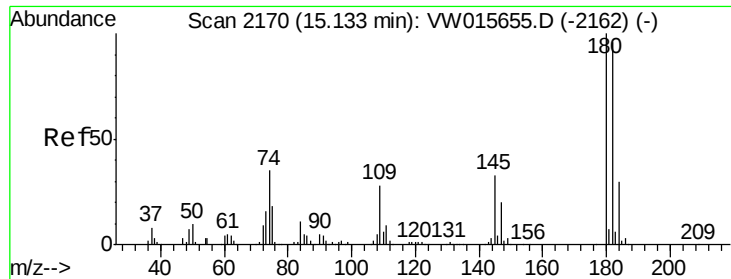
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.932 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	40.8	122.2
157	104.4	50.7	152.1





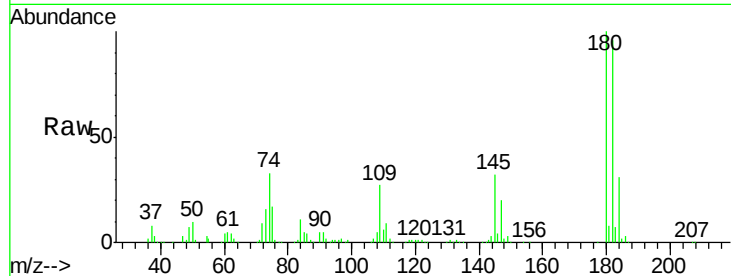
#93
 1,2,4-Trichlorobenzene
 Concen: 54.453 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

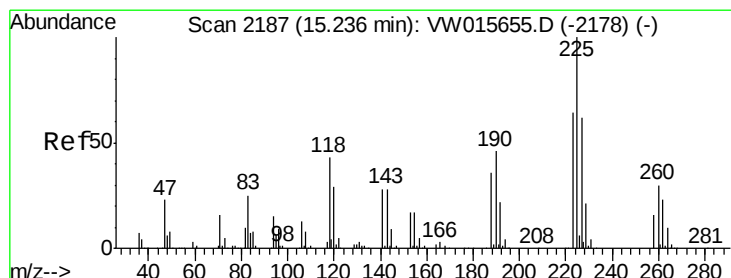
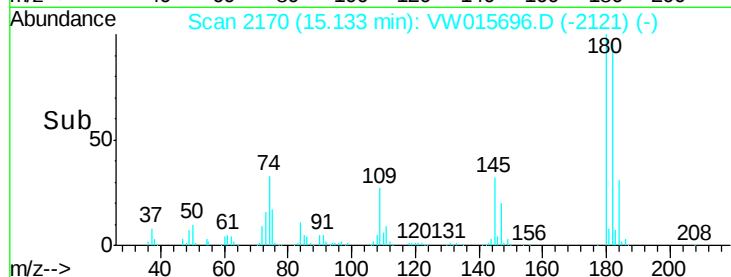
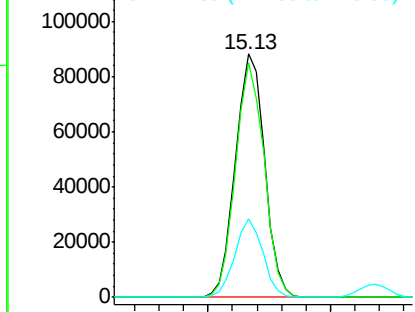
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.6
145	31.0	15.6	46.7

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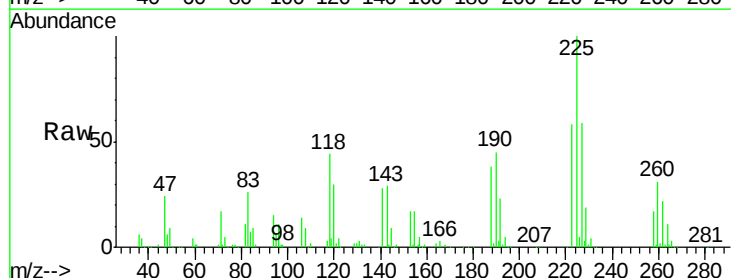


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

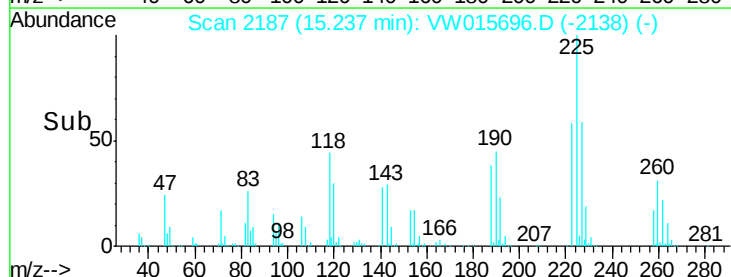
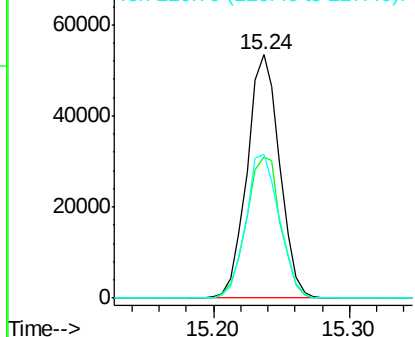


#94
 Hexachlorobutadiene
 Concen: 52.502 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015696.D
 Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.0	93.0
227	61.1	31.9	95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





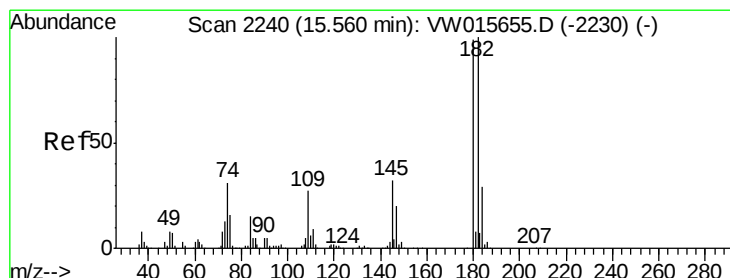
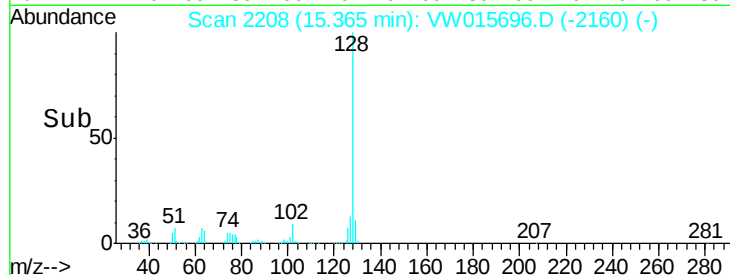
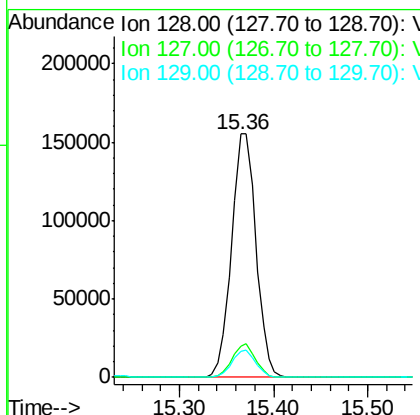
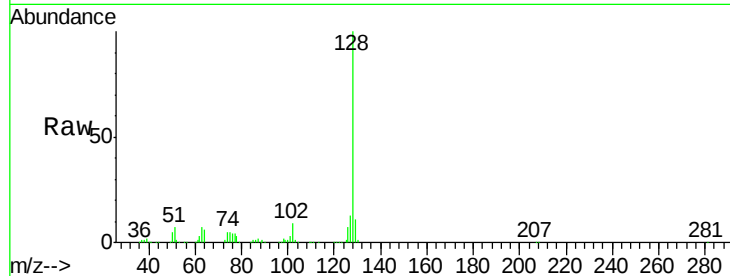
#95
Naphthalene
Concen: 63.269 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	280162		
127	13.1		10.5	15.7
129	10.9		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 58.629 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015696.D
Acq: 24 Jun 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135143		
182	93.8		49.0	147.0
145	31.9		16.4	49.2

