

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015698.D
 Acq On : 24 Jun 2020 22:12
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/25/2020 4:18:34 PM

Quant Time: Jun 25 03:45:45 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	179653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	283151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107644	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.89	113	94833	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	10.32	98	373645	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	143042	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52556	49.063	ug/l	99
3) Chloromethane	2.21	50	61872	49.188	ug/l	99
4) Vinyl Chloride	2.37	62	101997	50.157	ug/l	99
5) Bromomethane	2.78	94	81719	54.676	ug/l	94
6) Chloroethane	2.92	64	71742	53.610	ug/l	99
7) Trichlorofluoromethane	3.26	101	73790	48.327	ug/l	98
8) Diethyl Ether	3.68	74	50022	56.726	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87824	48.798	ug/l	99
10) Methyl Iodide	4.28	142	126137	49.566	ug/l	99
11) Tert butyl alcohol	5.21	59	27838	251.318	ug/l	98
12) 1,1-Dichloroethene	4.04	96	85629	48.862	ug/l	98
13) Acrolein	3.90	56	34279	246.866	ug/l	98
14) Allyl chloride	4.67	41	138396	48.677	ug/l	100
15) Acrylonitrile	5.38	53	97788	268.779	ug/l	99
16) Acetone	4.14	43	78246	205.913	ug/l	97
17) Carbon Disulfide	4.38	76	247352	49.041	ug/l	100
18) Methyl Acetate	4.68	43	42861	54.977	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	138740	52.604	ug/l	99
20) Methylene Chloride	4.92	84	102436	55.862	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	101200	50.368	ug/l	96
22) Diisopropyl ether	6.31	45	292215	51.676	ug/l	96
23) Vinyl Acetate	6.26	43	896014	271.715	ug/l	99
24) 1,1-Dichloroethane	6.21	63	181195	50.904	ug/l	99
25) 2-Butanone	7.18	43	128743	250.680	ug/l	99
26) 2,2-Dichloropropane	7.17	77	105866	44.343	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	110792	51.260	ug/l	98
28) Bromochloromethane	7.51	49	71651	52.330	ug/l	98
29) Tetrahydrofuran	7.54	42	81530	270.148	ug/l	99
30) Chloroform	7.68	83	187732	51.426	ug/l	99
31) Cyclohexane	7.96	56	160805	46.702	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	155662	50.023	ug/l	99
36) 1,1-Dichloropropene	8.09	75	149359	50.715	ug/l	99
37) Ethyl Acetate	7.26	43	60085	53.433	ug/l	99
38) Carbon Tetrachloride	8.07	117	144606	50.654	ug/l	96

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Quant Time: Jun 25 03:45:45 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)
39) Methylcyclohexane	9.34	83	181287	50.822	ug/l	97
40) Benzene	8.32	78	417547	52.142	ug/l	99
41) Methacrylonitrile	7.49	41	33922	52.562	ug/l	97
42) 1,2-Dichloroethane	8.40	62	131133	52.933	ug/l	99
43) Isopropyl Acetate	8.43	43	121238	54.028	ug/l	99
44) Trichloroethene	9.09	130	109256	50.619	ug/l	97
45) 1,2-Dichloropropane	9.37	63	101591	51.902	ug/l	99
46) Dibromomethane	9.46	93	55276	54.581	ug/l	98
47) Bromodichloromethane	9.65	83	138416	52.398	ug/l	99
48) Methyl methacrylate	9.44	41	56386	54.961	ug/l	95
49) 1,4-Dioxane	9.47	88	16121	1213.445	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	305307	282.124	ug/l	100
52) Toluene	10.39	92	273432	52.881	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	132660	51.983	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158331	51.934	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	76139	54.073	ug/l	99
56) Ethyl methacrylate	10.65	69	99013	56.514	ug/l	95
57) 1,3-Dichloropropane	10.93	76	134533	53.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248033	299.165	ug/l	100
59) 2-Hexanone	10.97	43	208824	283.445	ug/l	99
60) Dibromochloromethane	11.13	129	87998	53.629	ug/l	98
61) 1,2-Dibromoethane	11.24	107	73249	54.423	ug/l	98
64) Tetrachloroethene	10.87	164	93555	49.351	ug/l	98
65) Chlorobenzene	11.66	112	286292	50.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	103127	51.697	ug/l	99
67) Ethyl Benzene	11.73	91	541515	51.143	ug/l	100
68) m/p-Xylenes	11.84	106	409367	102.963	ug/l	99
69) o-Xylene	12.17	106	190279	52.051	ug/l	99
70) Styrene	12.18	104	328782	52.641	ug/l	99
71) Bromoform	12.35	173	47788	52.066	ug/l #	98
73) Isopropylbenzene	12.46	105	534604	51.259	ug/l	100
74) N-amyl acetate	12.27	43	119303	53.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	90065	53.980	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	64841m	51.994	ug/l	
77) Bromobenzene	12.75	156	118890	51.123	ug/l	99
78) n-propylbenzene	12.80	91	637910	50.814	ug/l	99
79) 2-Chlorotoluene	12.90	91	358079	50.658	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458120	51.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	25321	51.167	ug/l	92
82) 4-Chlorotoluene	12.99	91	381809	51.057	ug/l	99
83) tert-Butylbenzene	13.21	119	387584	51.907	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	458910	52.071	ug/l	98
85) sec-Butylbenzene	13.38	105	551469	51.677	ug/l	100
86) p-Isopropyltoluene	13.50	119	502530	51.830	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	236801	51.294	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	231682	50.671	ug/l	97
89) n-Butylbenzene	13.82	91	480193	51.592	ug/l	99
90) Hexachloroethane	14.10	117	88678	51.394	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	206851	51.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15186	56.839	ug/l	97

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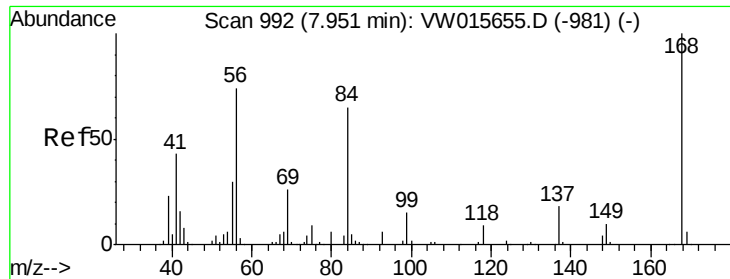
Manual Integrations
APPROVED

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6/25/2020 4:18:34 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	137429	52.137	ug/l	97
94) Hexachlorobutadiene	15.24	225	85163	50.714	ug/l	99
95) Naphthalene	15.37	128	246154	56.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	120480	53.087	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 179653

Ion Ratio Lower Upper

168 100

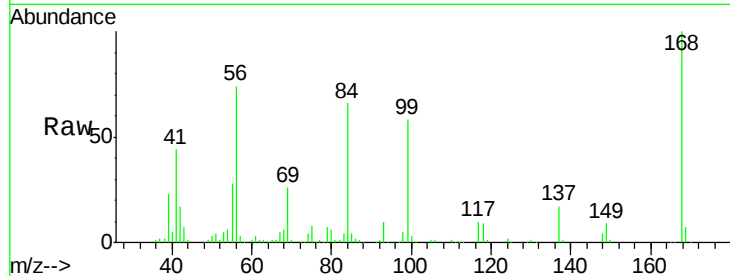
99 57.9 48.6 73.0

Manual Integrations

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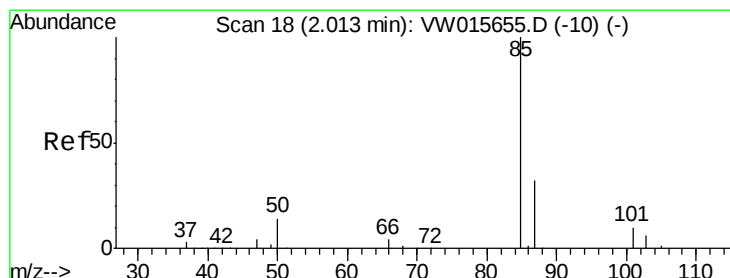
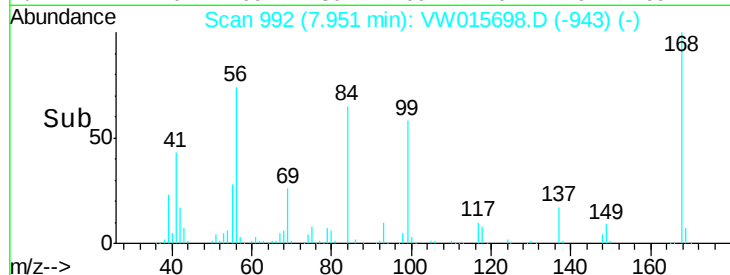
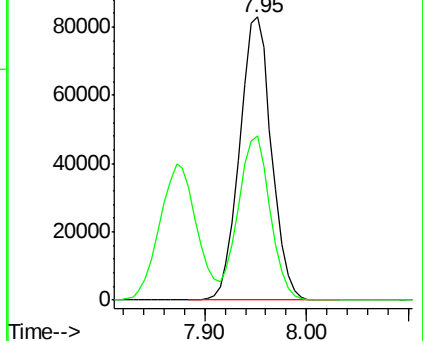
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.063 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015698.D

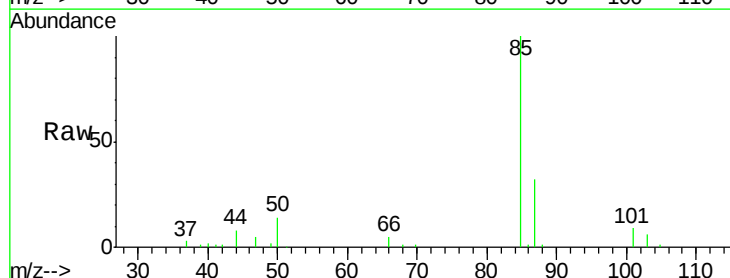
Acq: 24 Jun 2020 22:12

Tgt Ion: 85 Resp: 52556

Ion Ratio Lower Upper

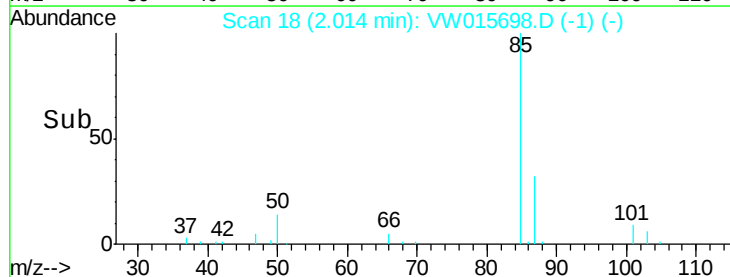
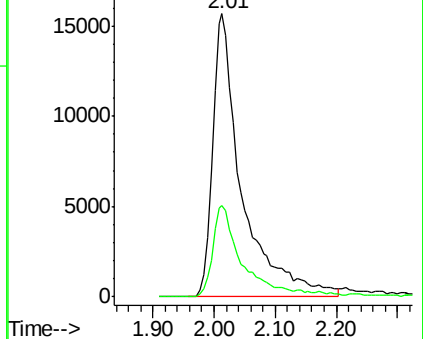
85 100

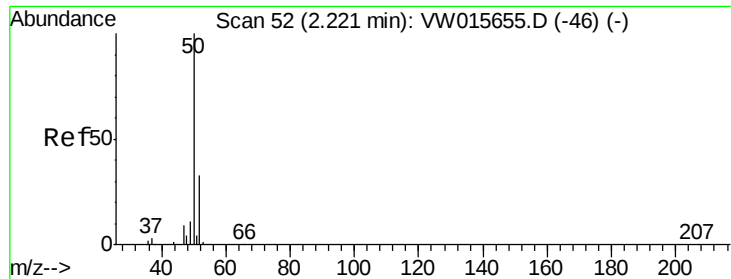
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.188 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 61872

Ion Ratio Lower Upper

50 100

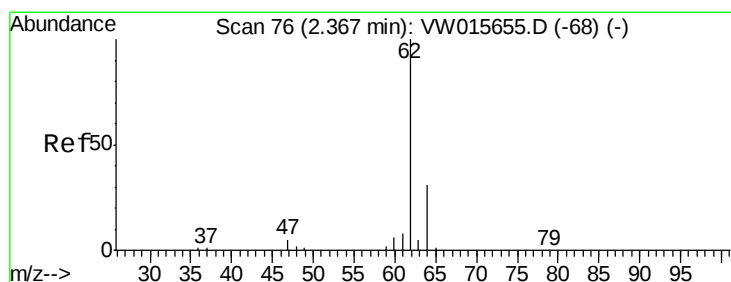
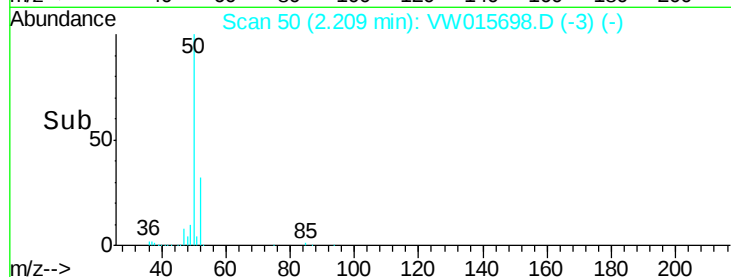
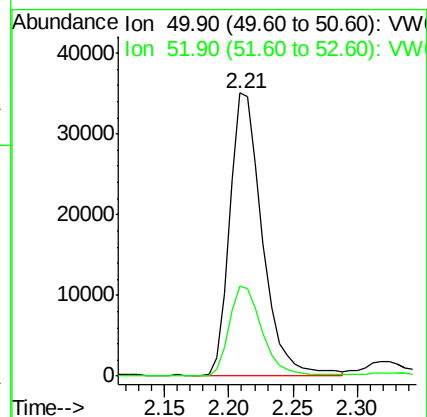
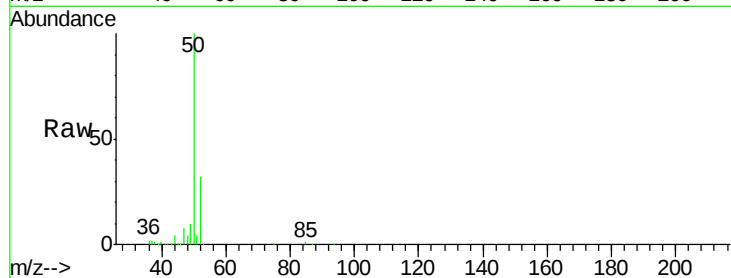
52 31.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.157 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015698.D

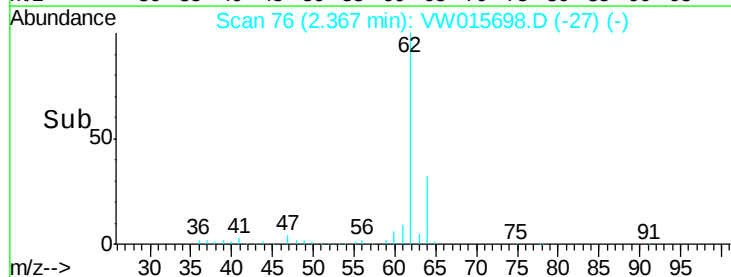
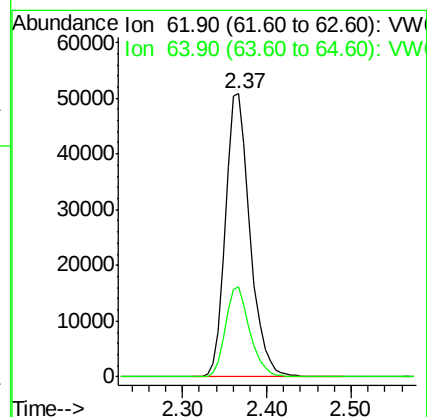
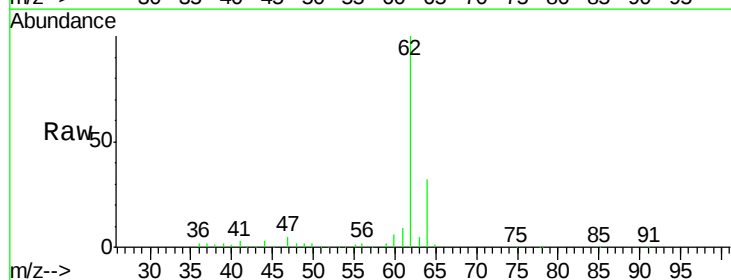
Acq: 24 Jun 2020 22:12

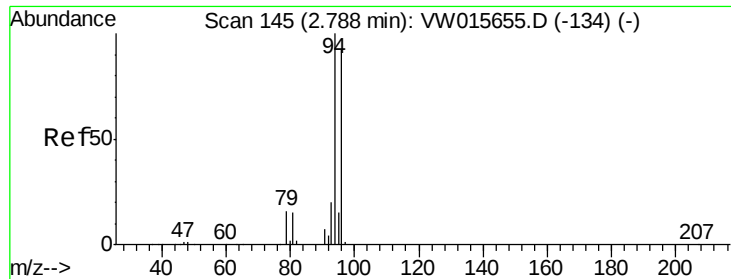
Tgt Ion: 62 Resp: 101997

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 54.676 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

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VSTDCCC050

Tot Ion: 94 Resp: 81719

Ion Ratio Lower Upper

94 100

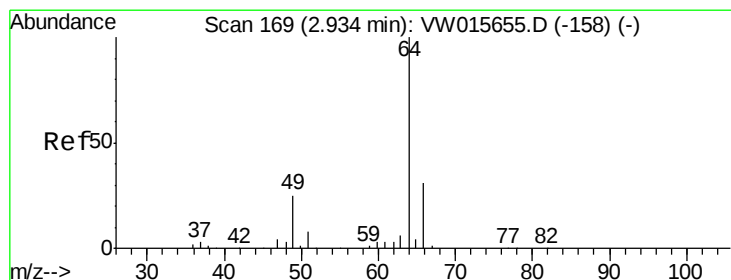
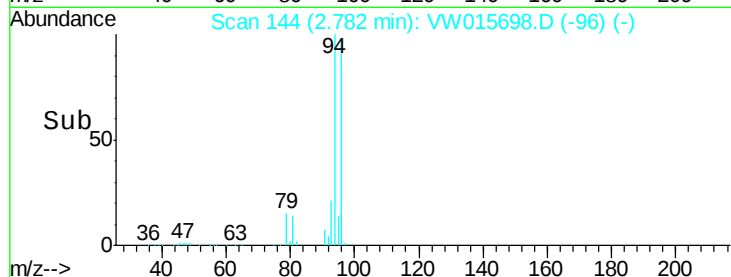
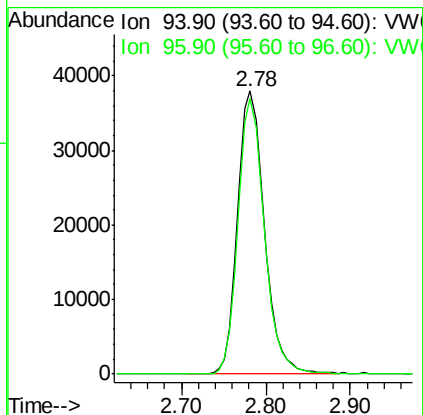
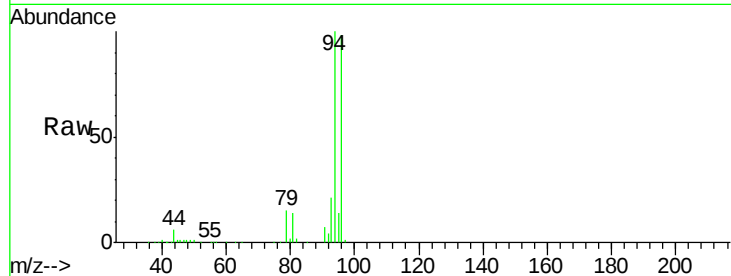
96 97.6 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 53.610 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015698.D

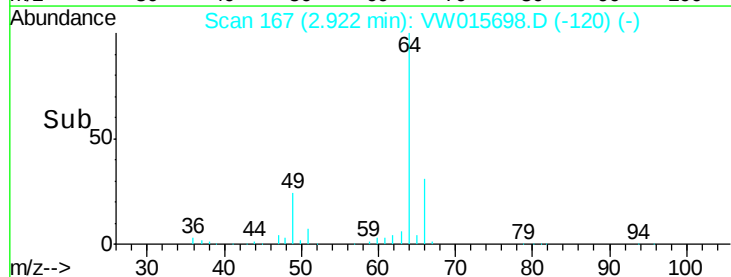
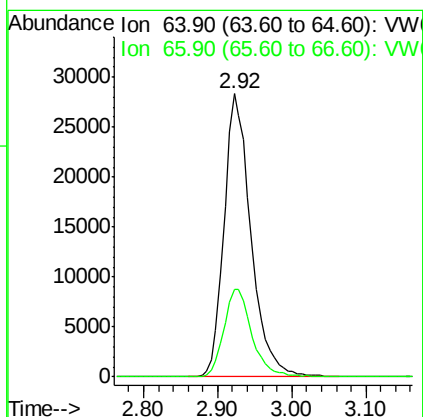
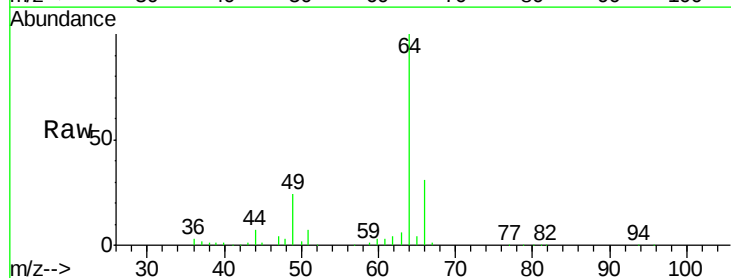
Acq: 24 Jun 2020 22:12

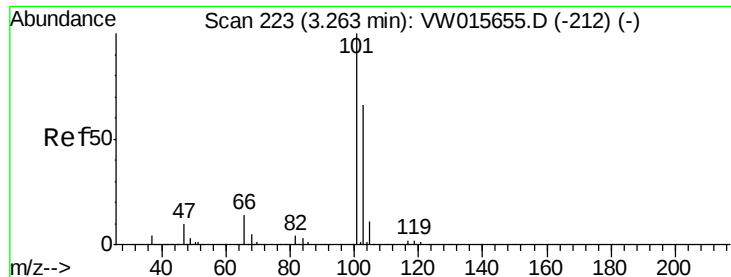
Tgt Ion: 64 Resp: 71742

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9





#7

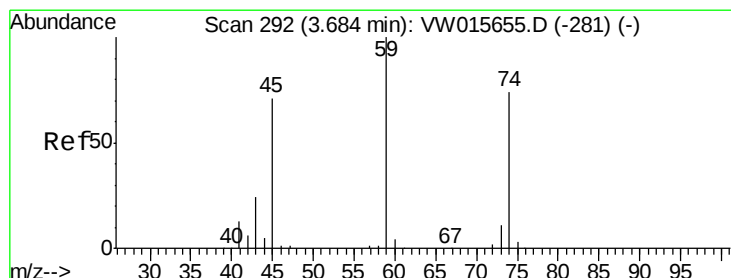
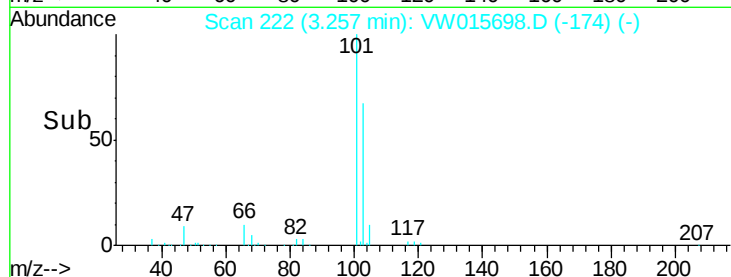
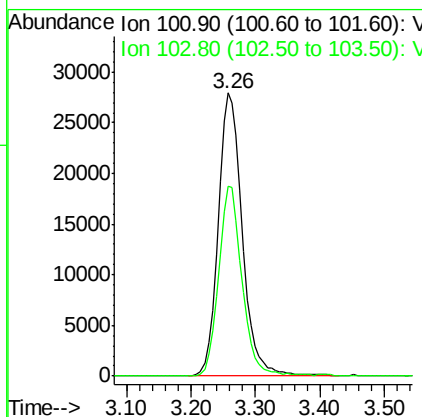
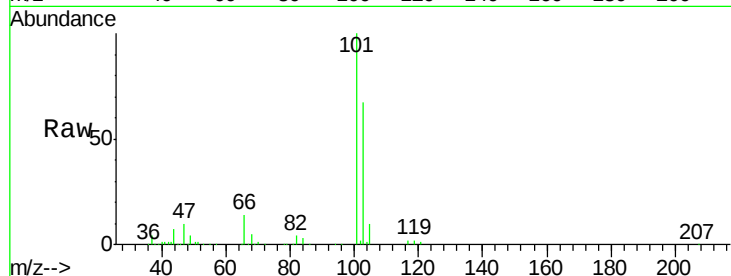
Trichlorofluoromethane
 Concen: 48.327 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015698.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	52.6	78.8

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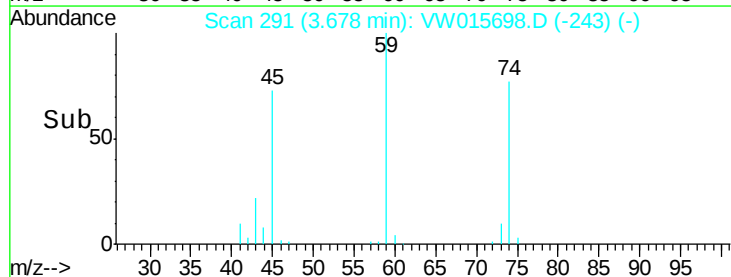
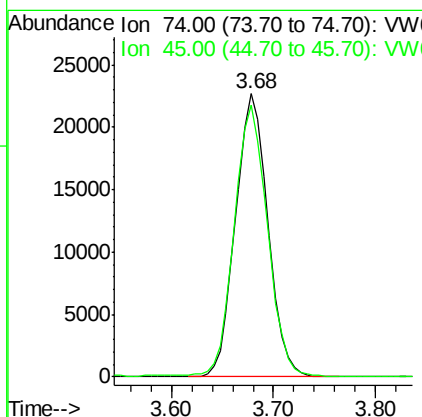
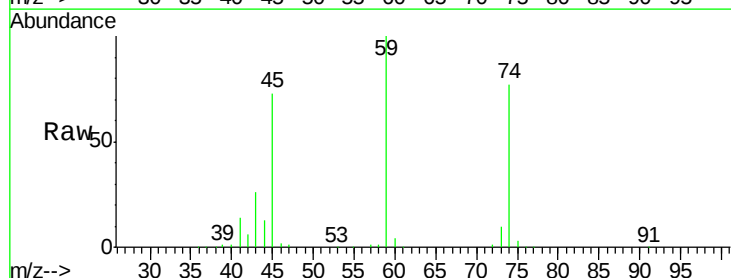
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 6/25/2020 4:18:34 PM

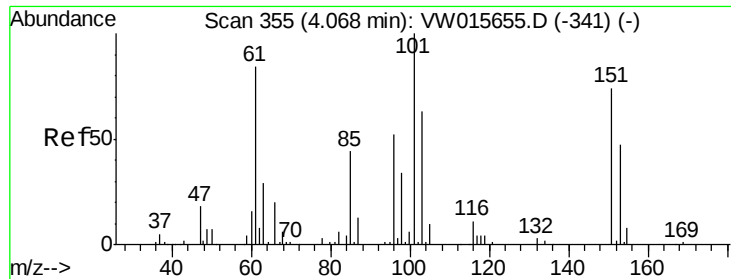


#8

Diethyl Ether
 Concen: 56.726 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.798 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

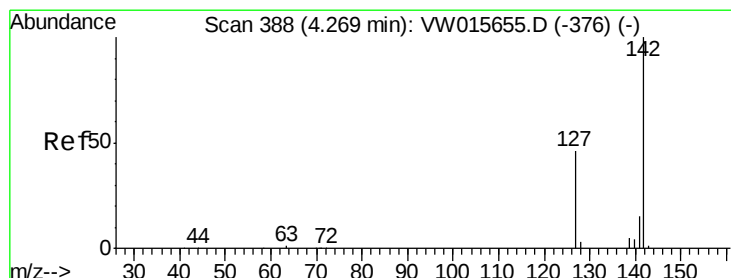
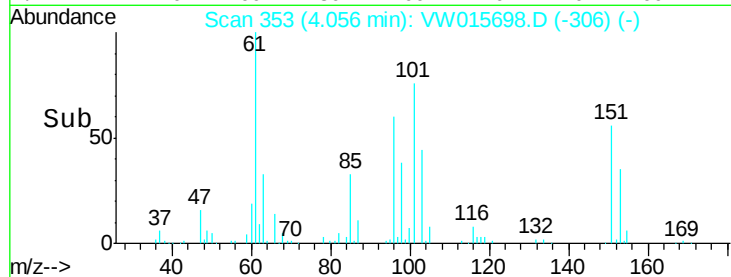
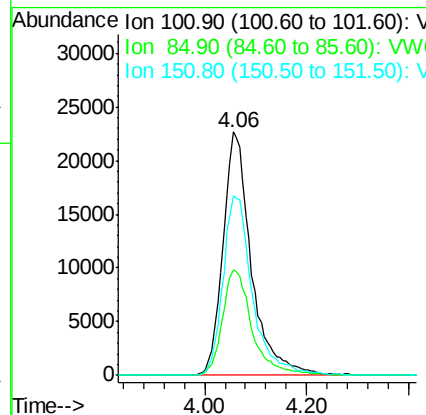
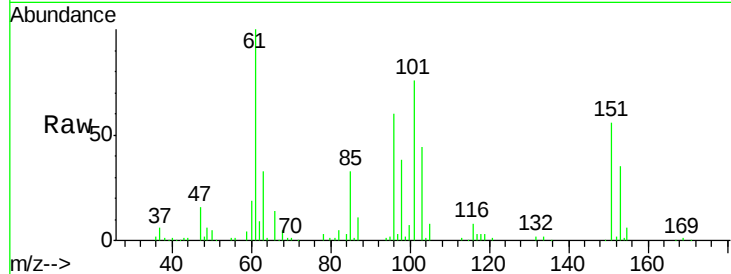
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	87824
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.6	55.0
151	76.3	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.566 ug/l

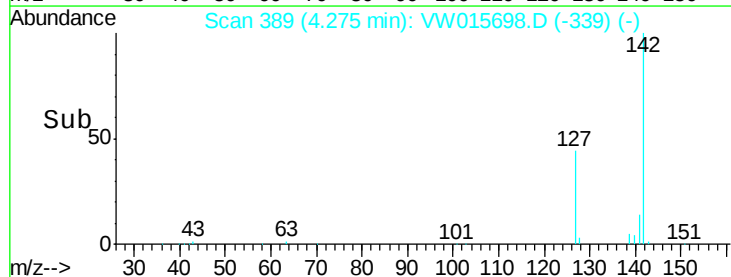
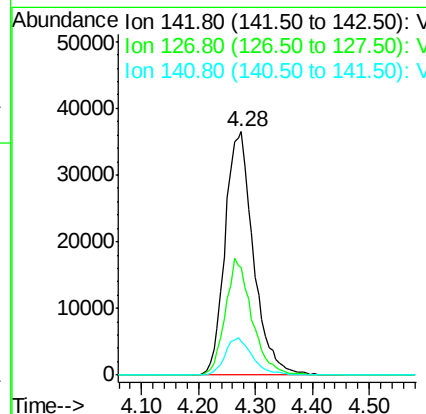
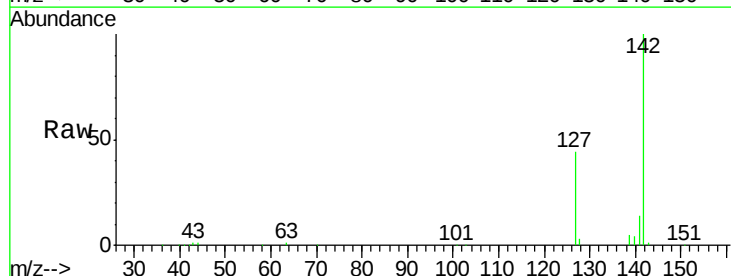
RT: 4.28 min Scan# 389

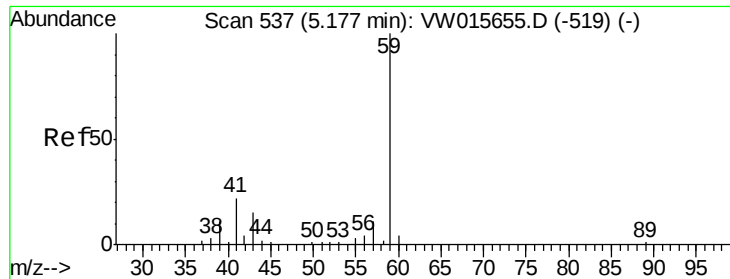
Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	142	Resp:	126137
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.4	54.6
141	14.7	11.6	17.4





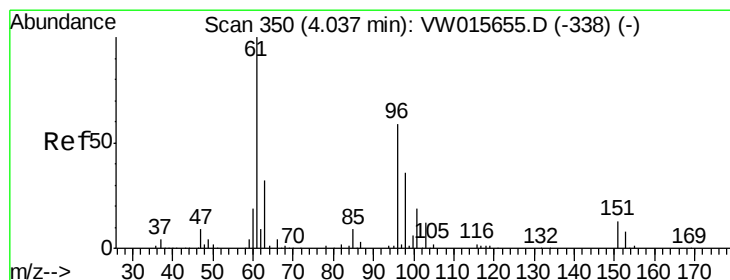
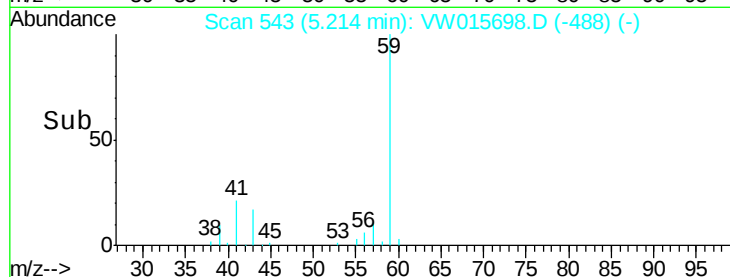
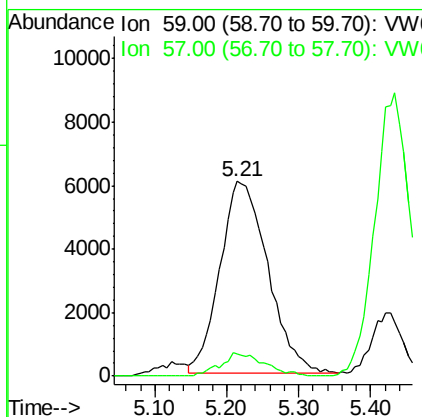
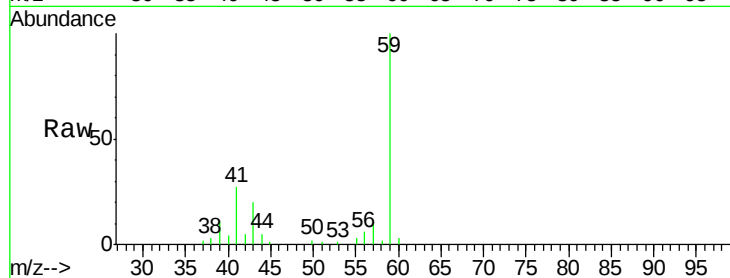
#11
Tert butyl alcohol
Concen: 251.318 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.04 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	27838
Ion Ratio	100	Lower	Upper
57	11.1	8.4	12.6

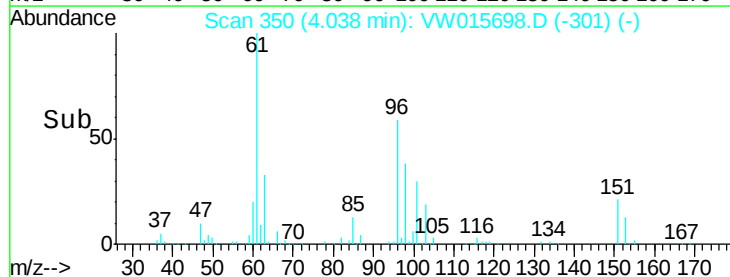
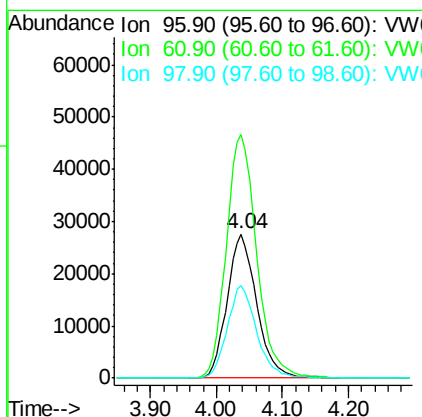
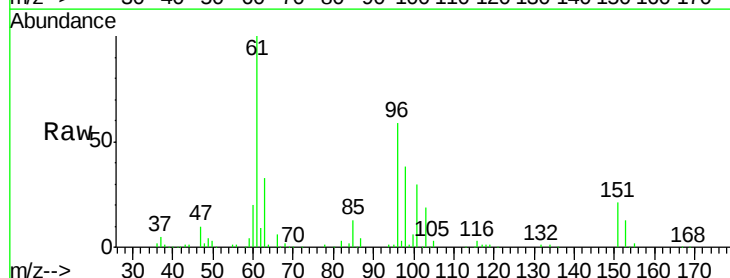
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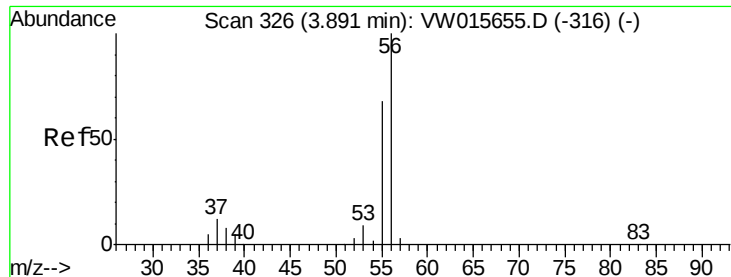
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.862 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	96	Resp	85629
Ion Ratio	100	Lower	Upper
61	169.3	136.7	205.1
98	64.0	49.2	73.8





#13

Acrolein

Concen: 246.866 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 34279

Ion Ratio Lower Upper

56 100

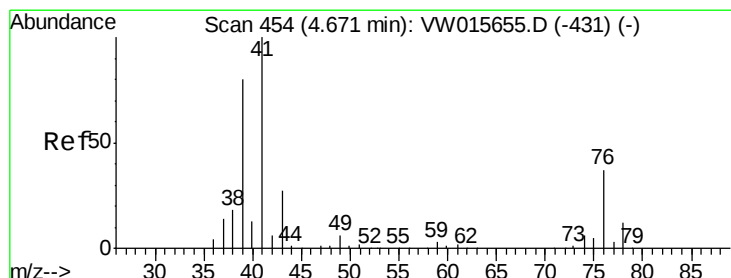
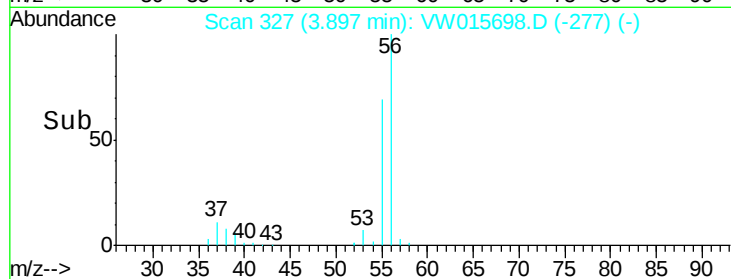
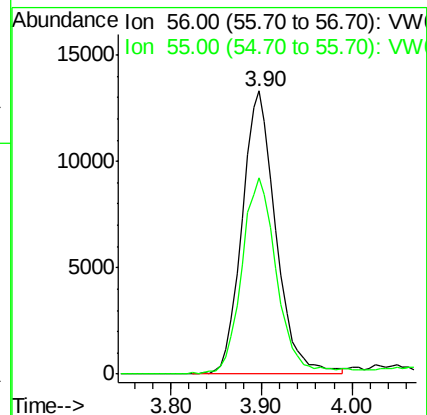
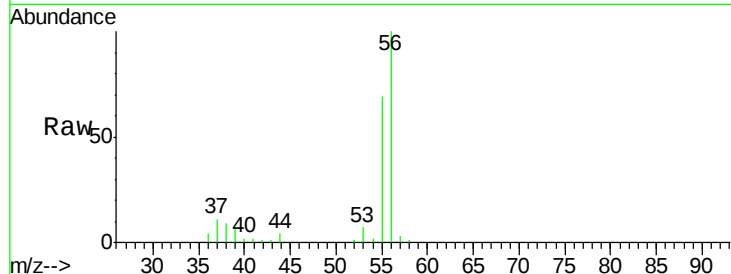
55 71.5 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 48.677 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

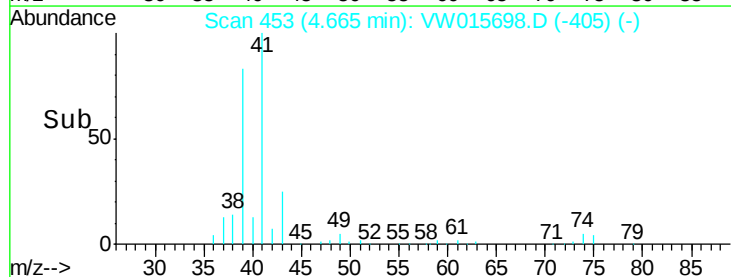
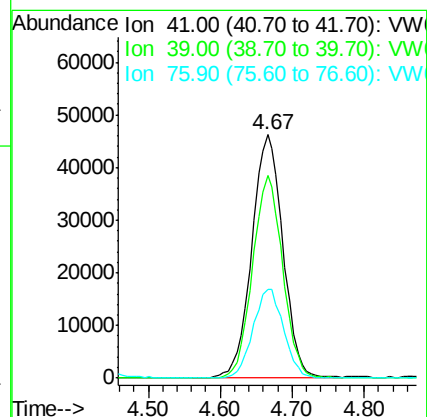
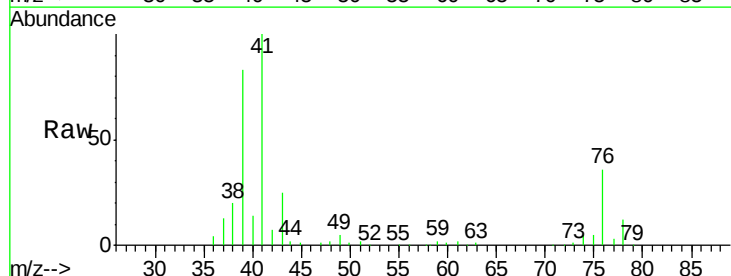
Tgt Ion: 41 Resp: 138396

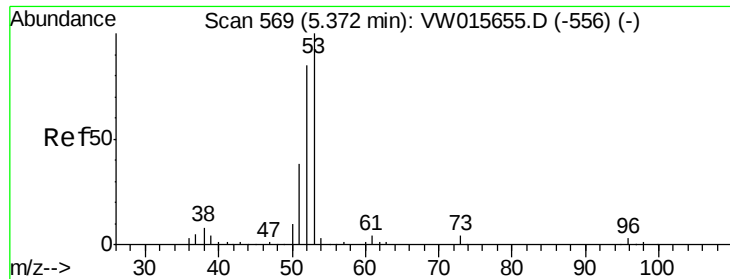
Ion Ratio Lower Upper

41 100

39 81.0 64.6 97.0

76 36.0 29.1 43.7





#15

Acrylonitrile

Concen: 268.779 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

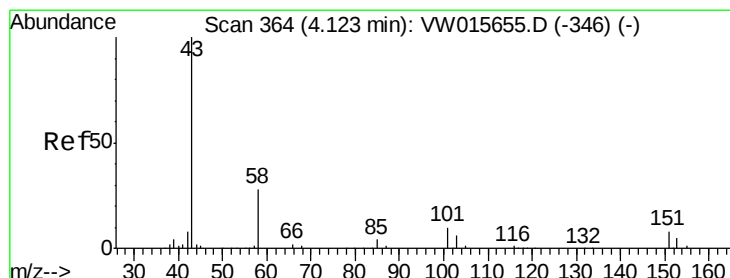
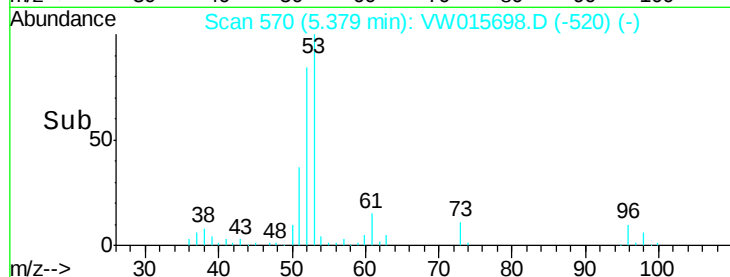
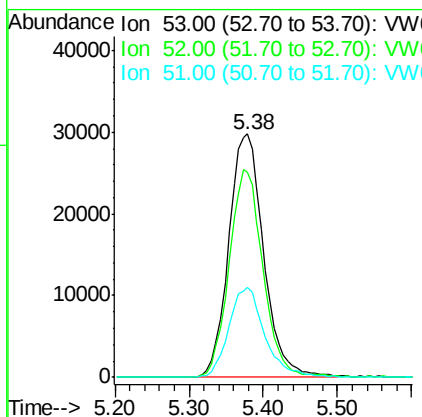
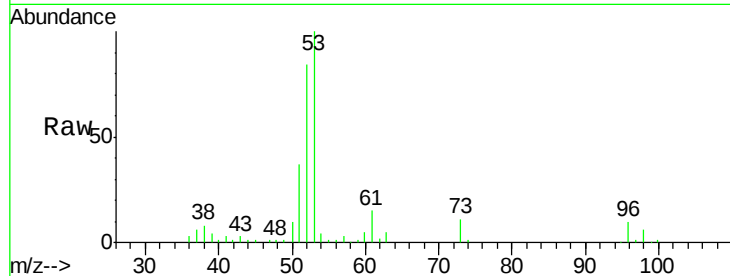
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	97788
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	38.1	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 205.913 ug/l

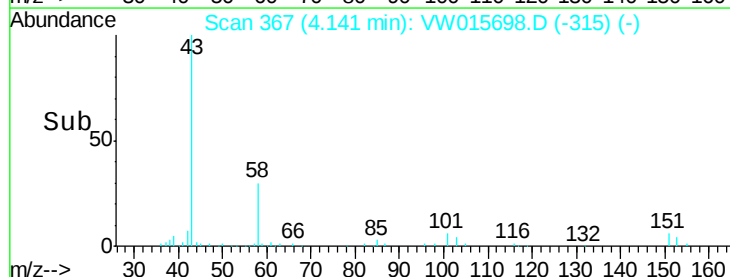
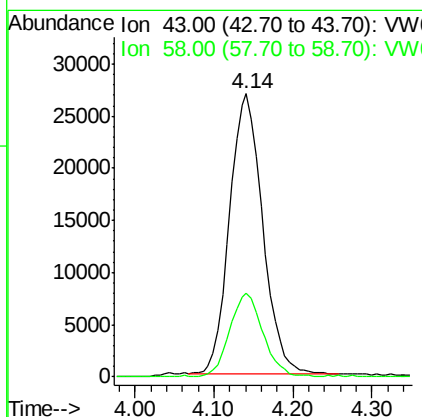
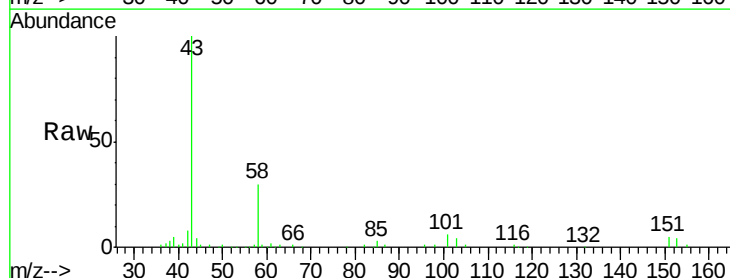
RT: 4.14 min Scan# 367

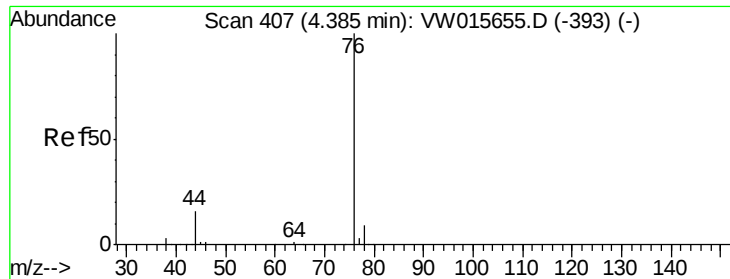
Delta R.T. 0.02 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	43	Resp:	78246
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.6	33.8





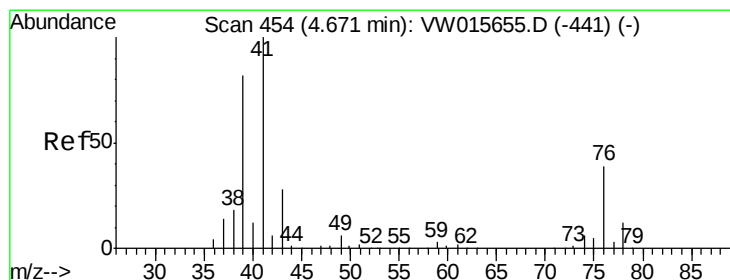
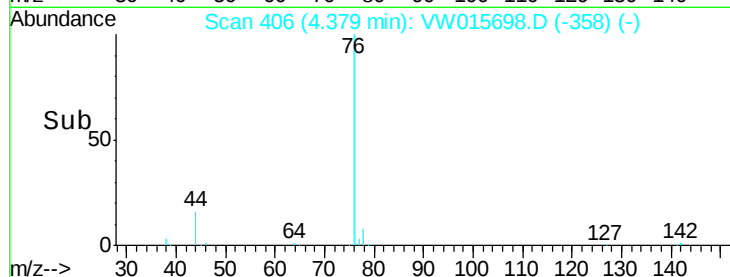
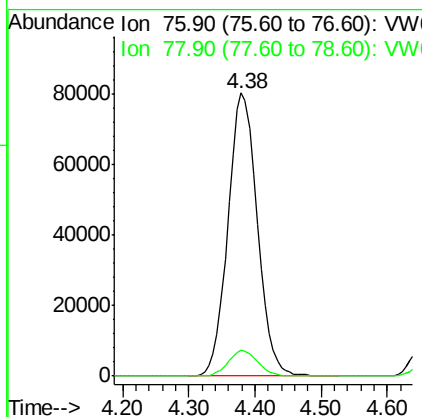
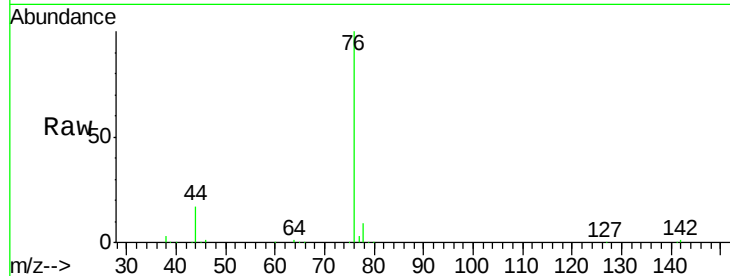
#17
Carbon Disulfide
Concen: 49.041 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

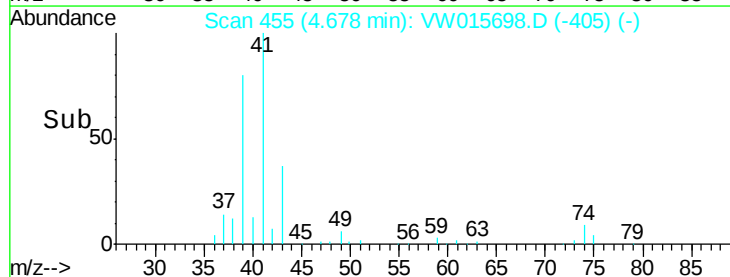
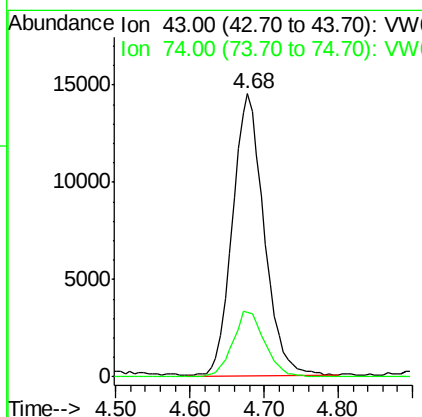
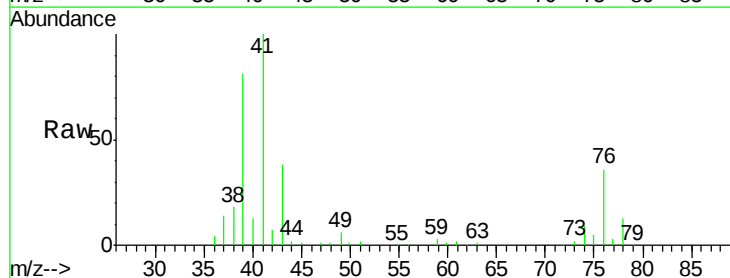
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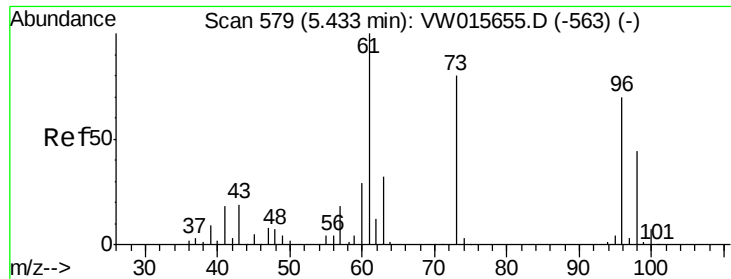
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#18
Methyl Acetate
Concen: 54.977 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.0	28.6





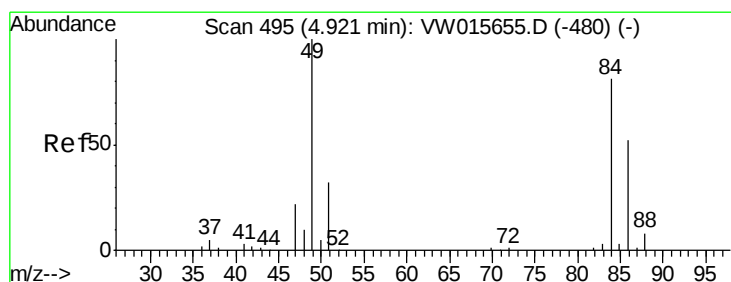
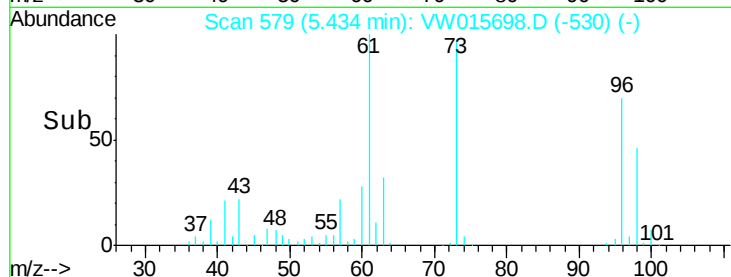
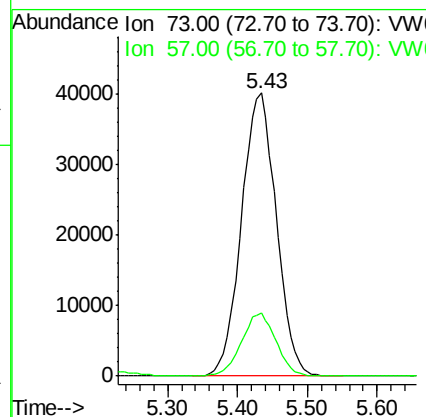
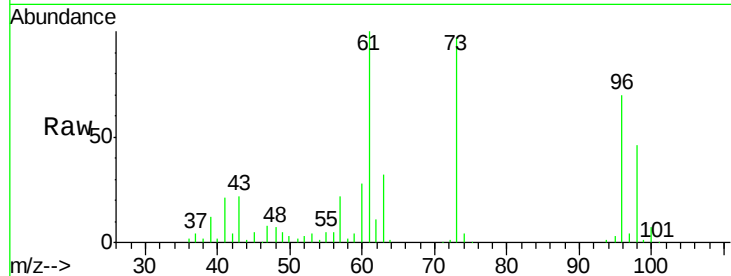
#19
Methvl tert-butvl Ether
Concen: 52.604 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 138740
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

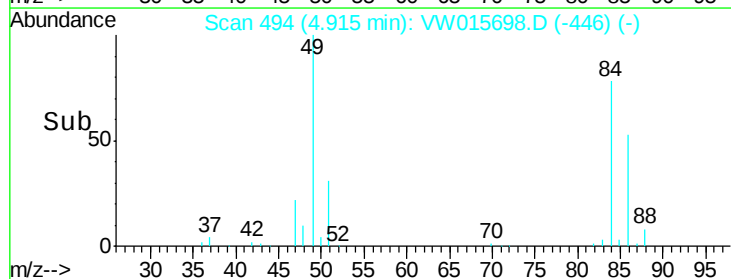
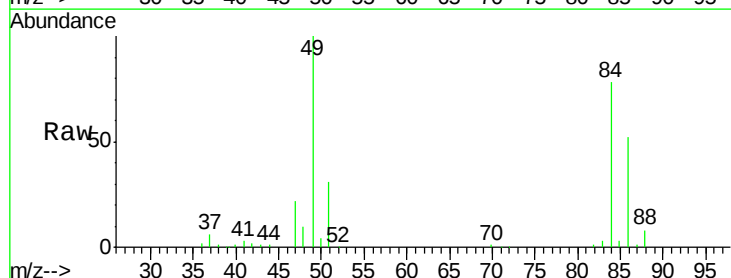
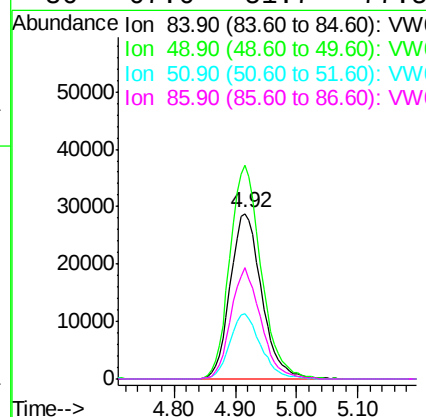
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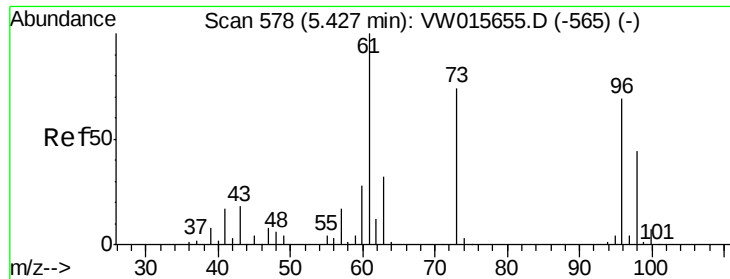
MMDadoda
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#20
Methylene Chloride
Concen: 55.862 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 84 Resp: 102436
Ion Ratio Lower Upper
84 100
49 128.9 99.3 148.9
51 39.8 31.8 47.6
86 67.6 51.7 77.5





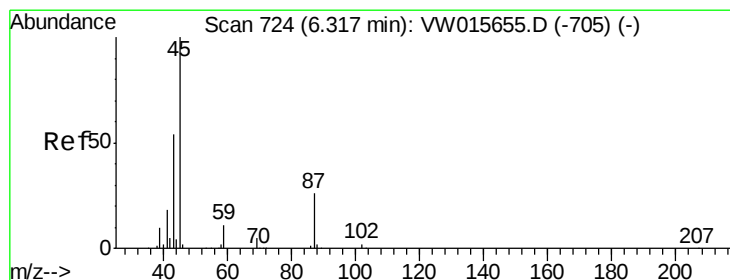
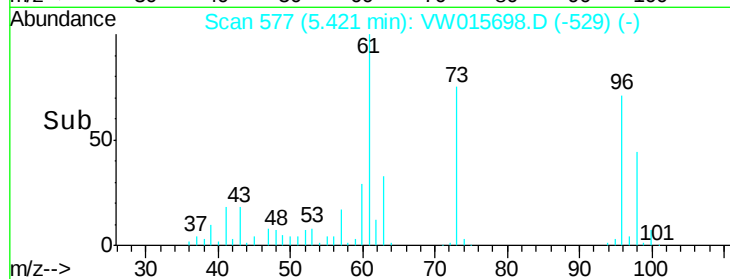
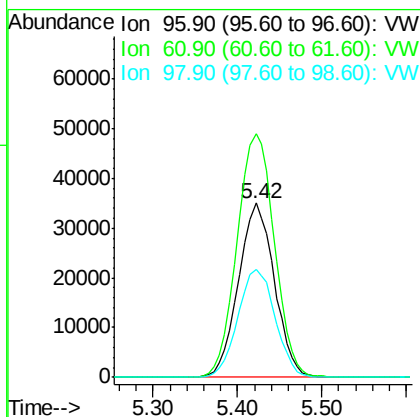
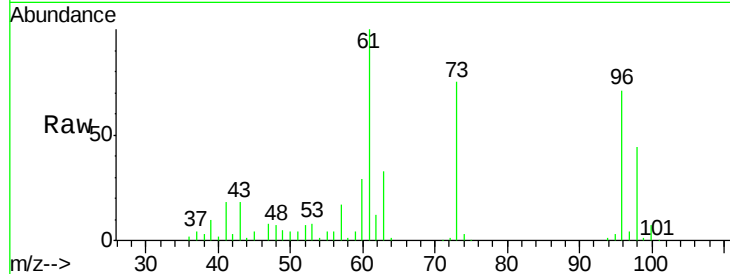
#21
trans-1,2-Dichloroethene
Concen: 50.368 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 101200
Ion Ratio Lower Upper
96 100
61 140.0 116.2 174.2
98 61.8 51.4 77.0

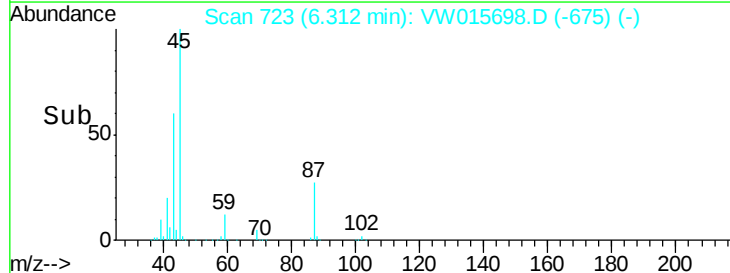
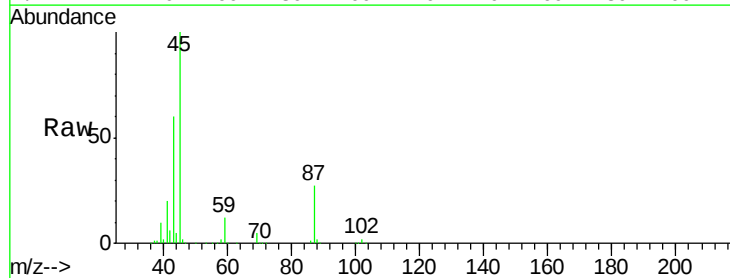
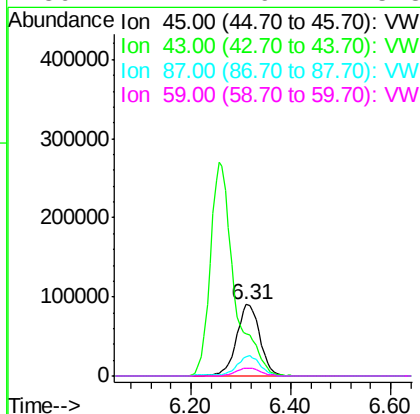
Manual Integrations
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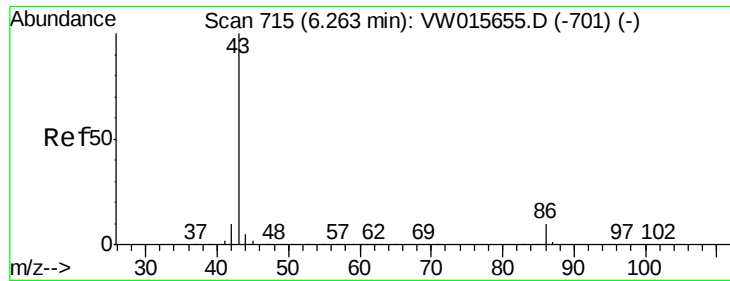
MMDadoda
6/25/2020 4:18:34 PM



#22
Diisopropyl ether
Concen: 51.676 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 45 Resp: 292215
Ion Ratio Lower Upper
45 100
43 59.2 43.9 65.9
87 27.4 21.2 31.8
59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 271.715 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 896014

Ion Ratio Lower Upper

43 100

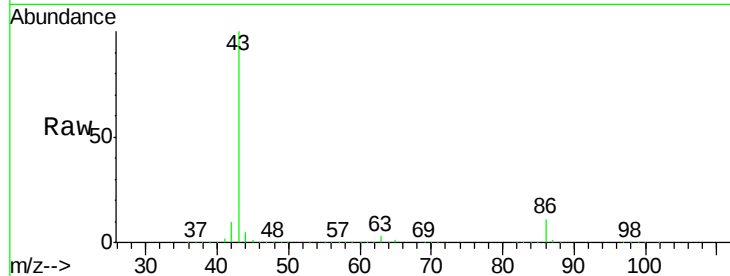
86 10.8 8.3 12.5

Manual Integrations

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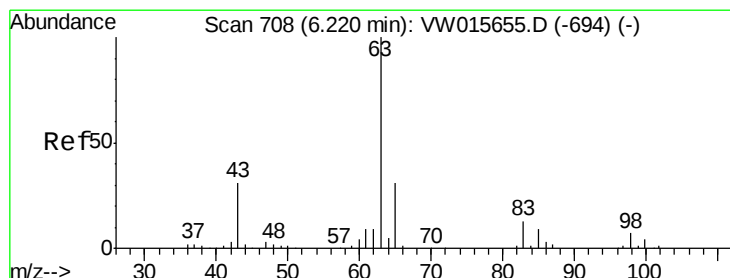
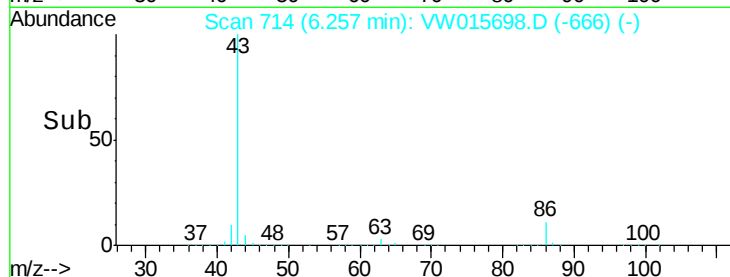
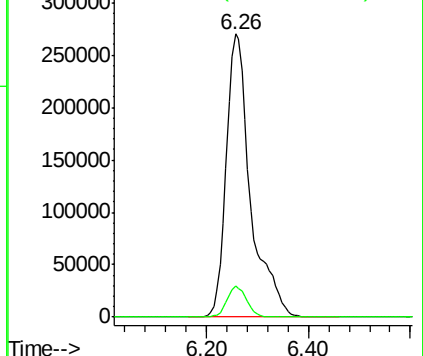
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.904 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

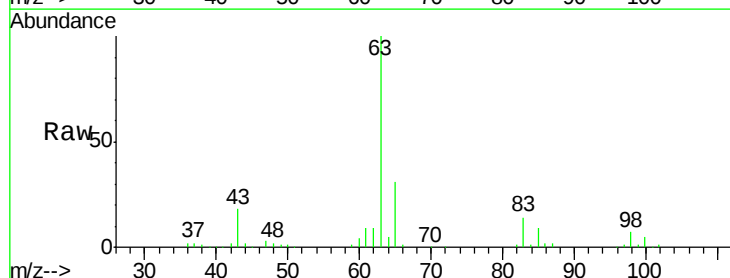
Tgt Ion: 63 Resp: 181195

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

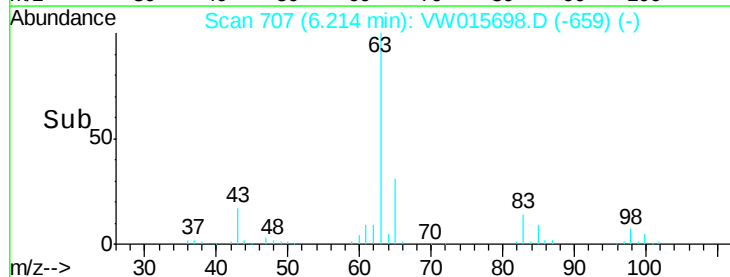
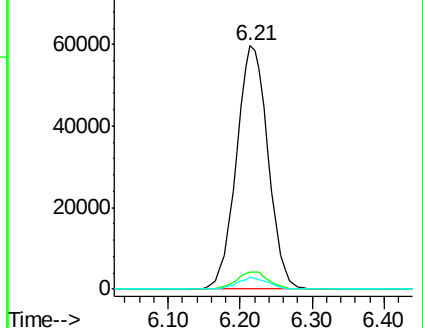
100 4.7 2.1 6.3

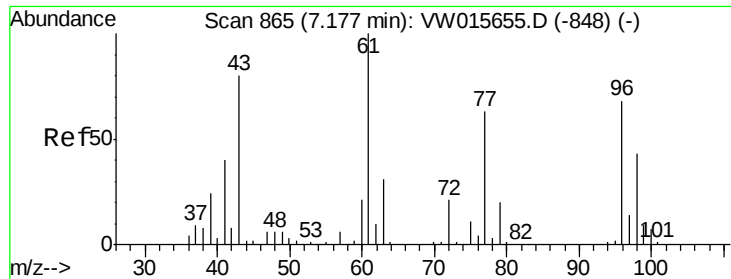


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





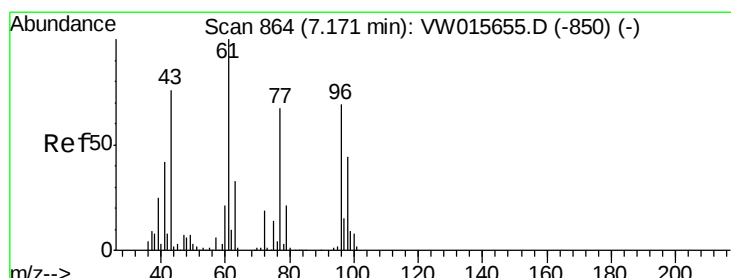
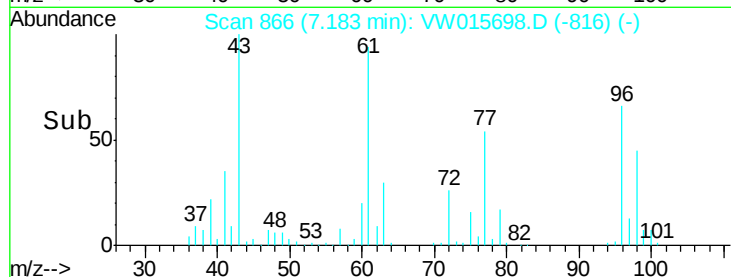
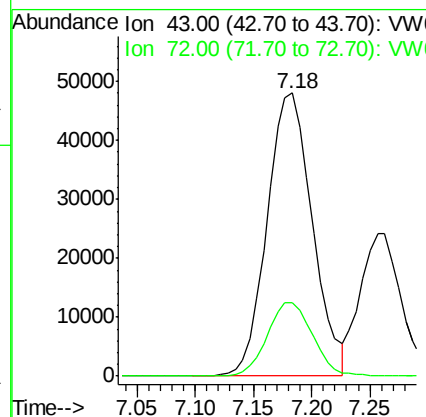
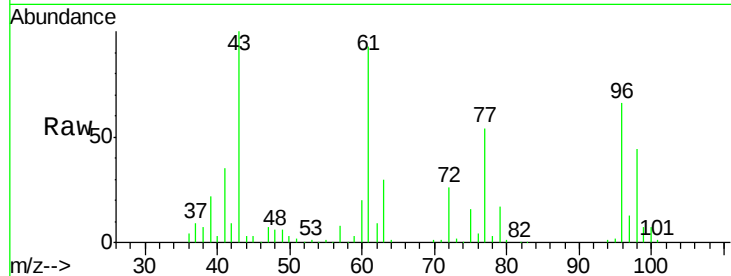
#25
2-Butanone
Concen: 250.680 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 128743
Ion Ratio Lower Upper
43 100
72 26.0 21.1 31.7

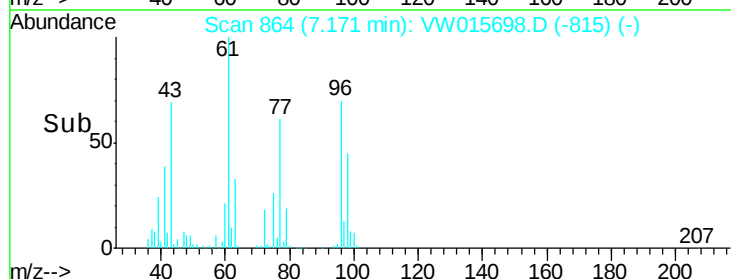
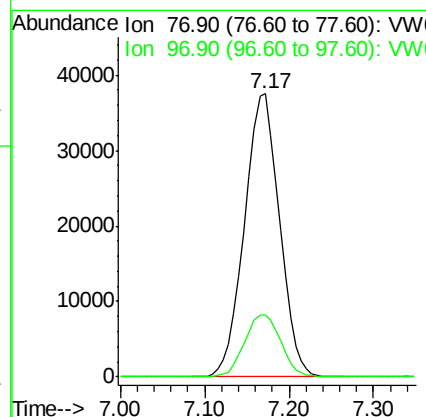
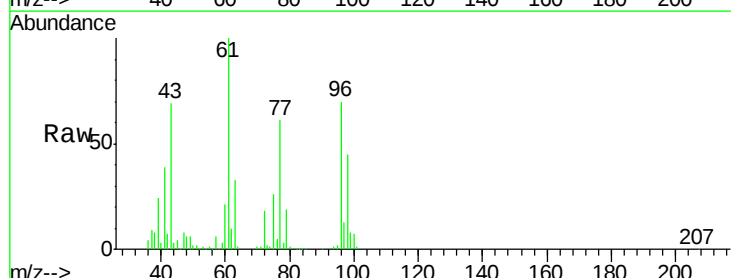
Manual Integrations
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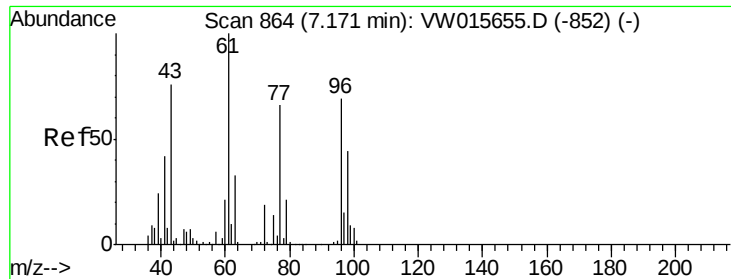
MMDadoda
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#26
2,2-Dichloropropane
Concen: 44.343 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 77 Resp: 105866
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27

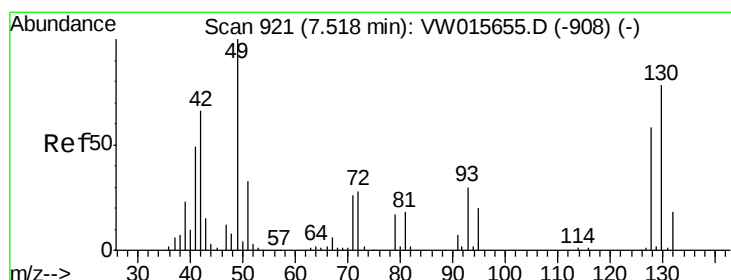
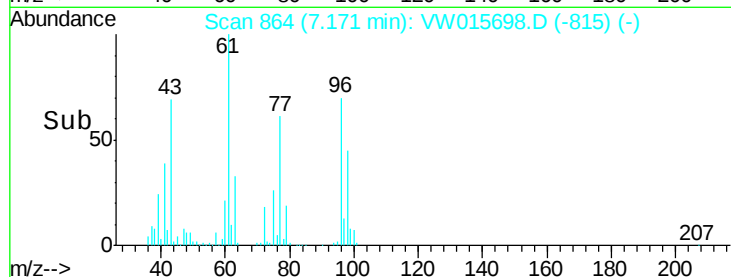
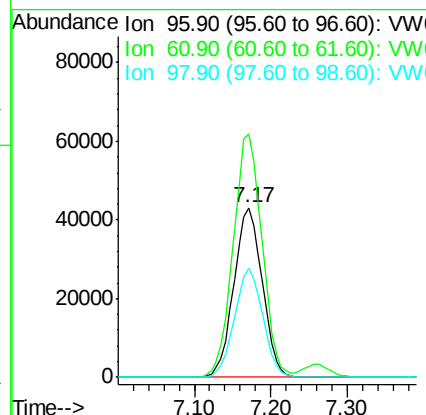
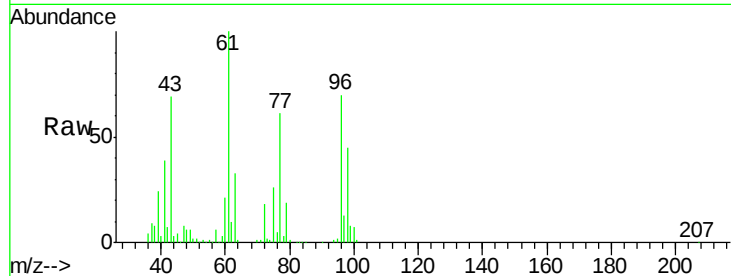
cis-1,2-Dichloroethene
Concen: 51.260 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.6	0.0	296.8	
98	64.0	0.0	128.0	

Manual Integrations
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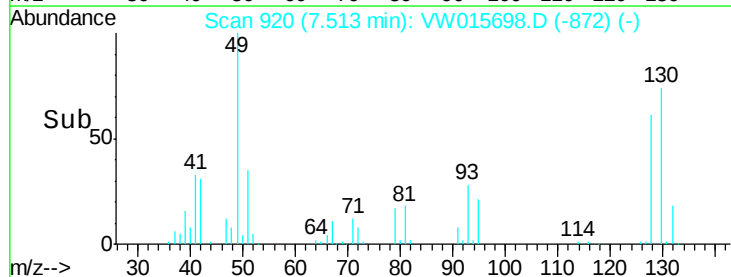
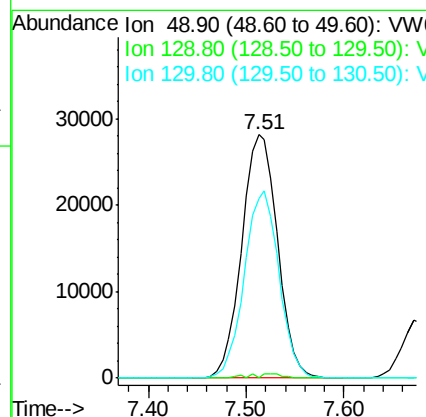
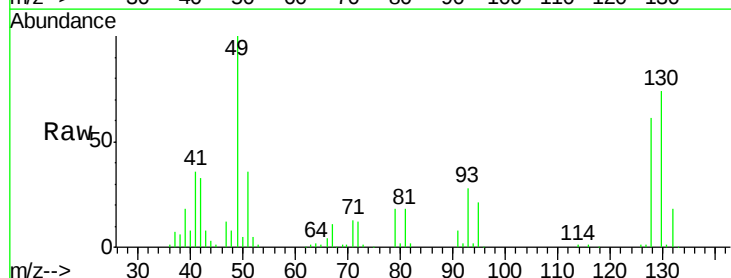
MMDadoda
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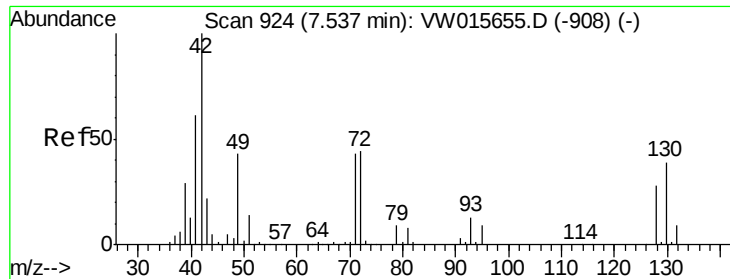


#28

Bromochloromethane
Concen: 52.330 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	2.2	
130	74.9	61.0	91.4	





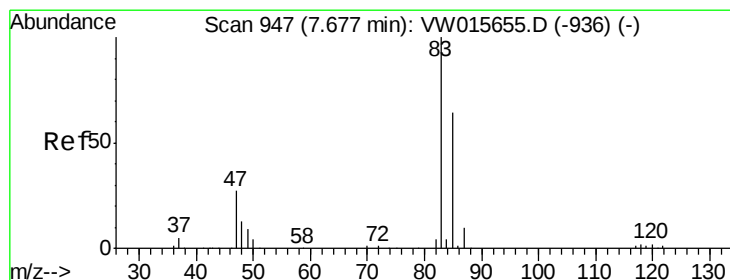
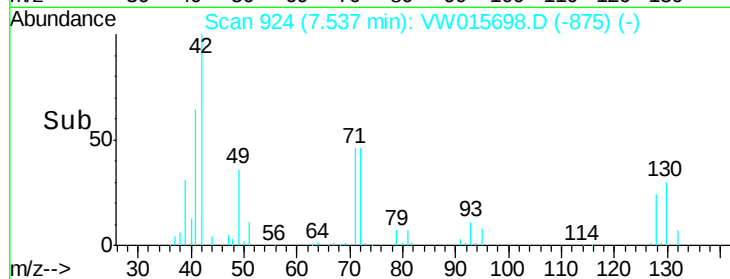
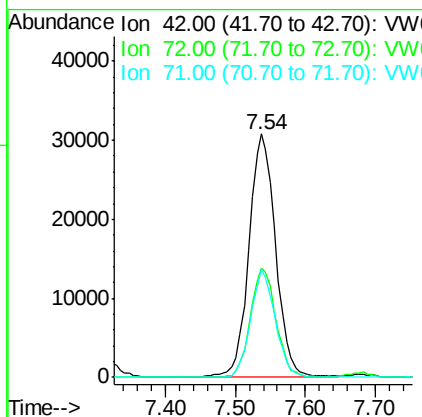
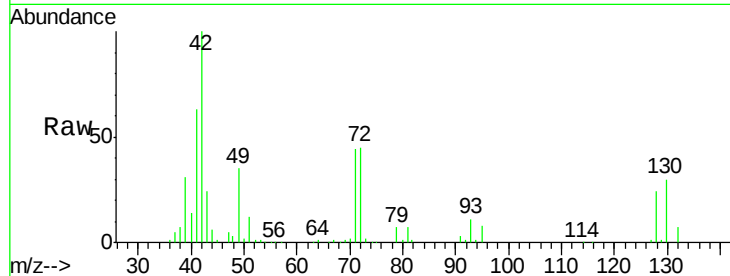
#29
Tetrahydrofuran
Concen: 270.148 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.0	52.6
71	41.1	32.6	49.0

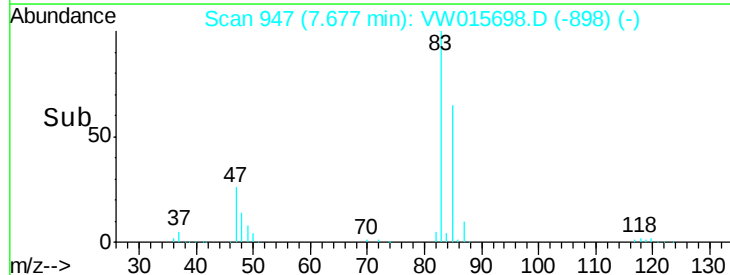
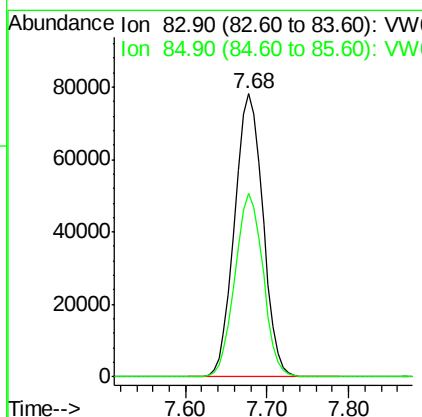
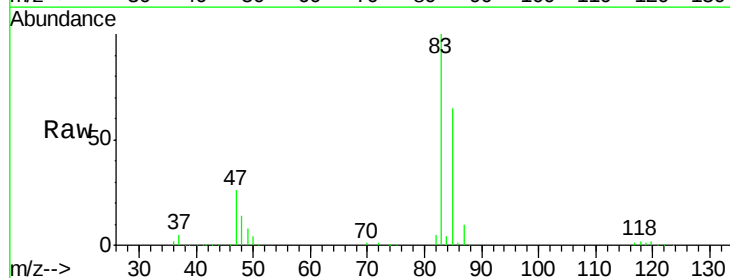
Manual Integrations
APPROVED

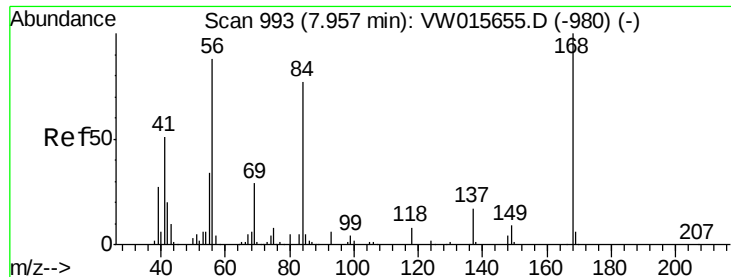
MMDadoda
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#30
Chloroform
Concen: 51.426 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.4





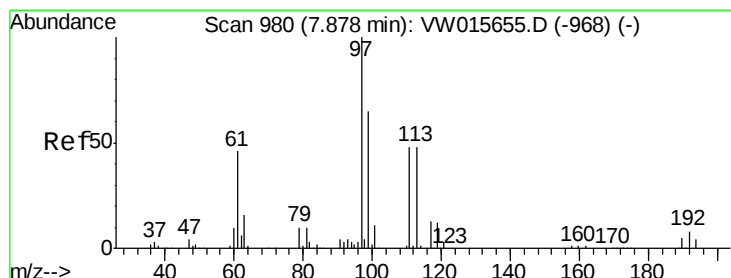
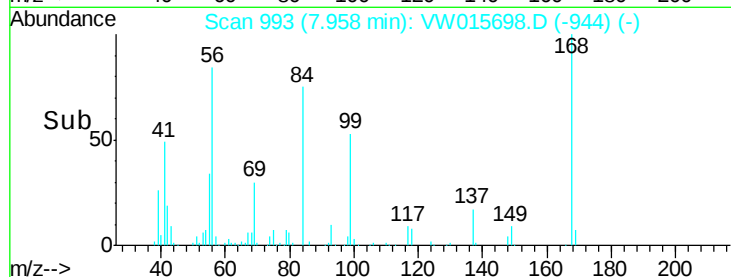
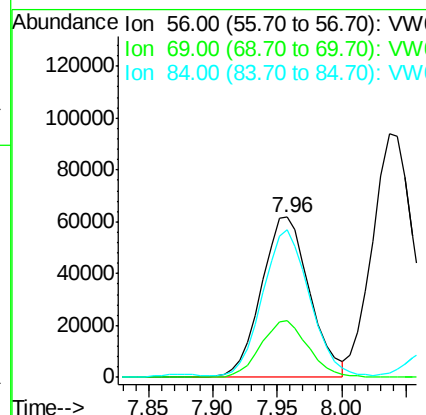
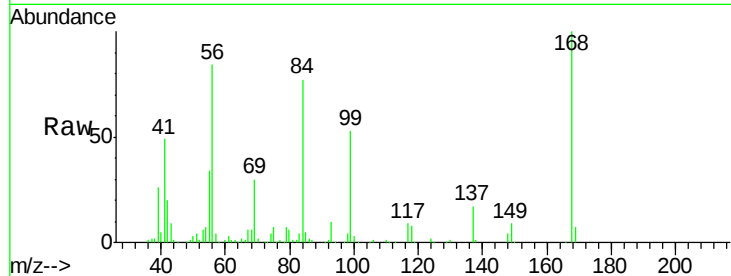
#31
Cyclohexane
Concen: 46.702 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	26.2	39.4
84	90.4	70.4	105.6

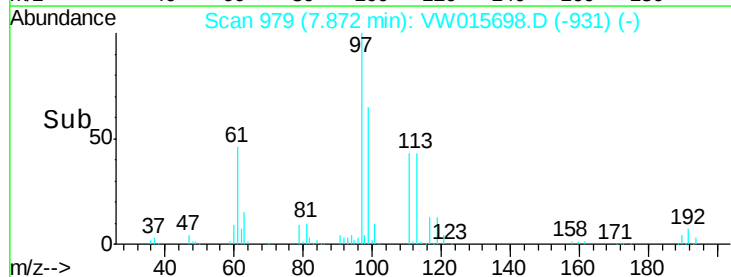
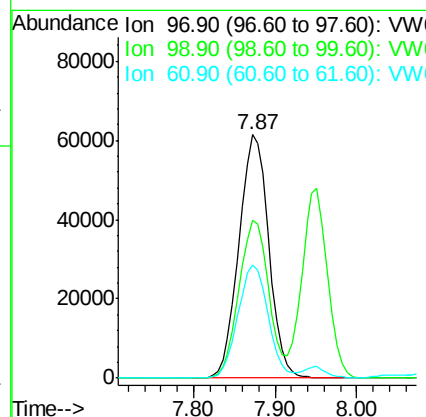
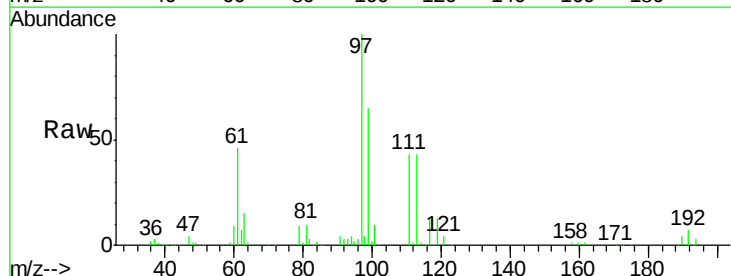
Manual Integrations
APPROVED

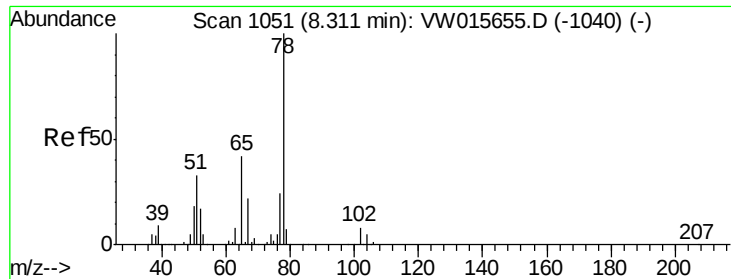
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#32
1,1,1-Trichloroethane
Concen: 50.023 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.9	77.9
61	46.9	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 53.852 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 107644

Ion Ratio Lower Upper

65 100

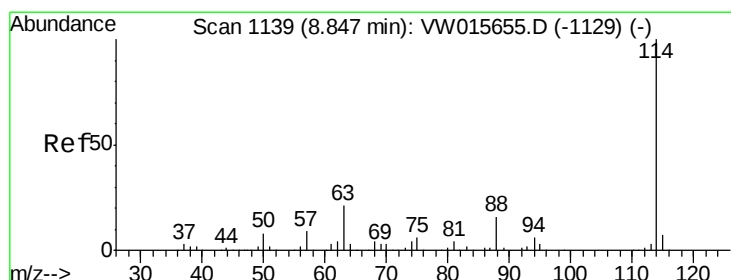
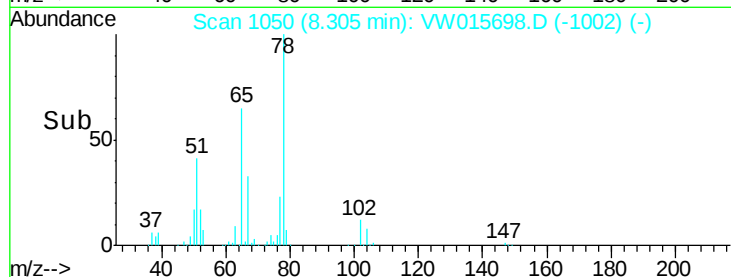
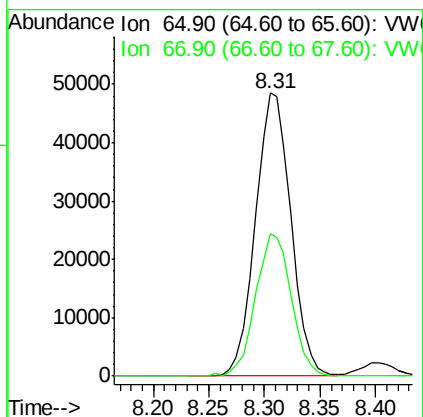
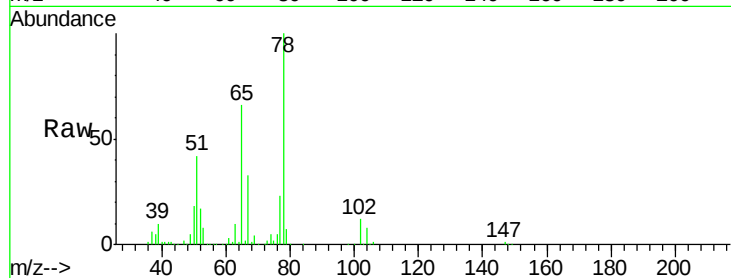
67 50.6 0.0 102.2

Manual Integrations

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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: VW015698.D

Acq: 24 Jun 2020 22:12

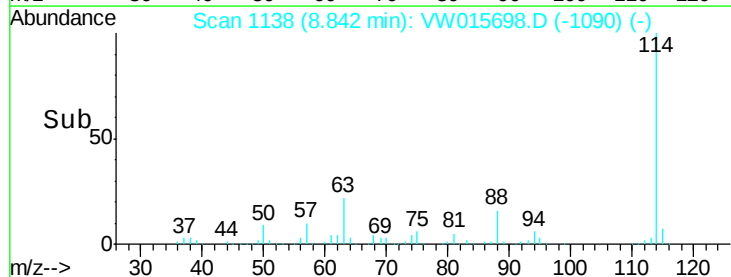
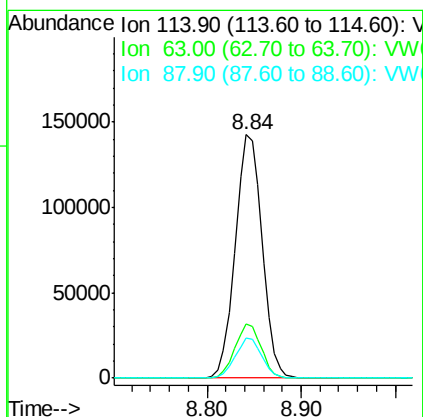
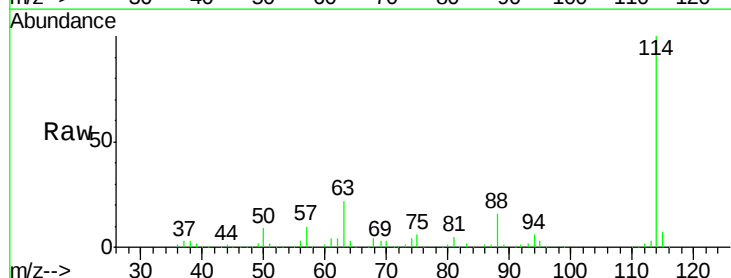
Tgt Ion: 114 Resp: 283151

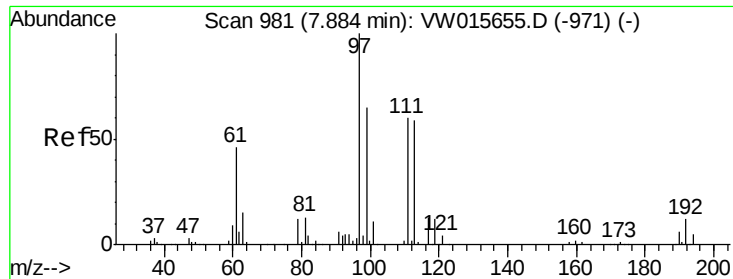
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.244 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

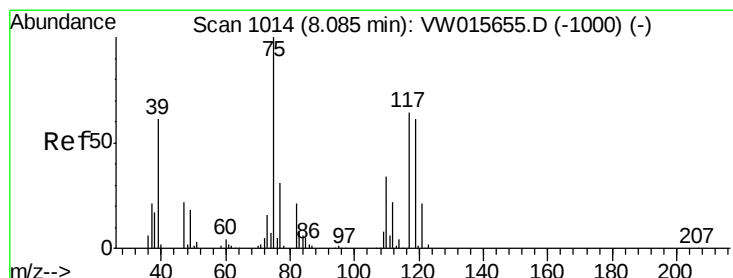
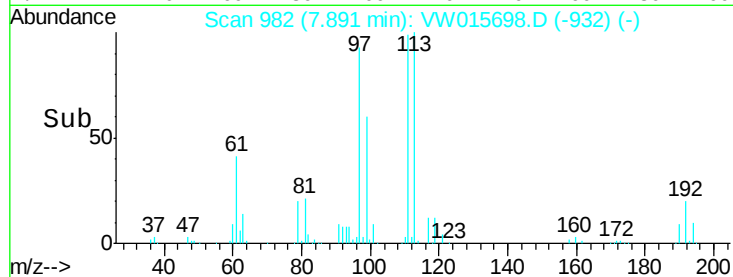
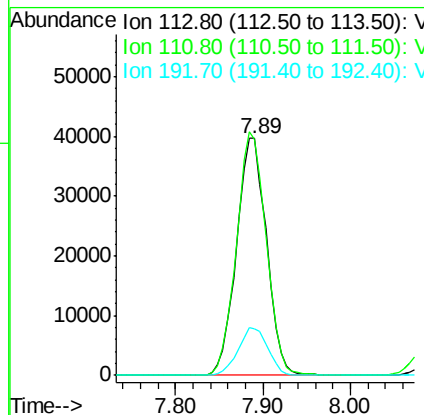
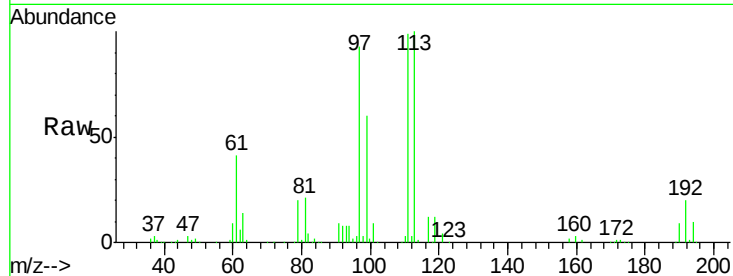
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	94833
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	19.8	16.4	24.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.715 ug/l

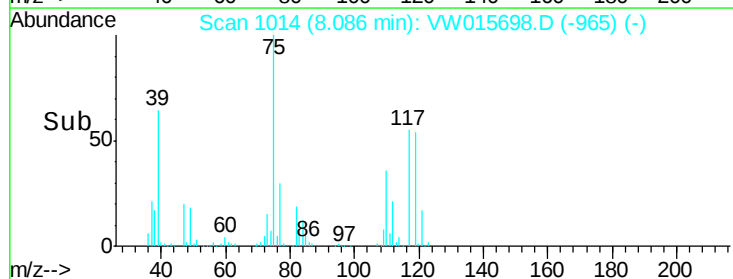
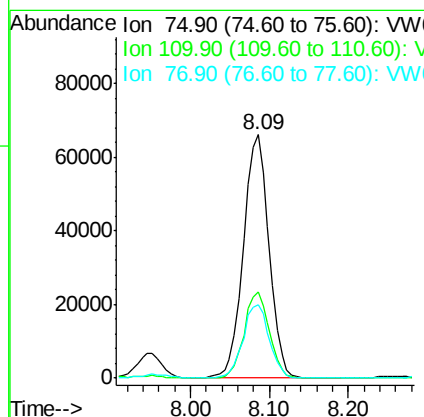
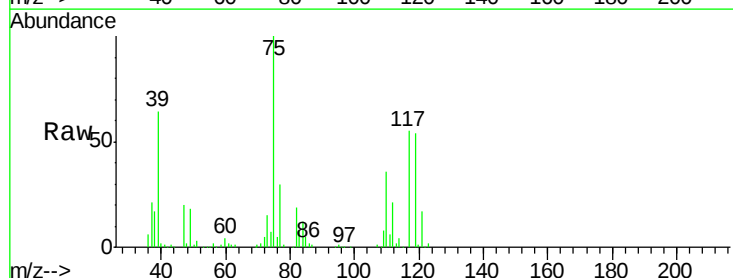
RT: 8.09 min Scan# 1014

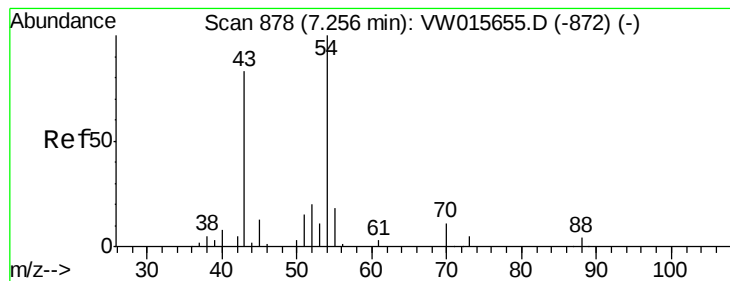
Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	75	Resp:	149359
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.0	51.0
77	31.0	24.6	36.8





#37

Ethyl Acetate

Concen: 53.433 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

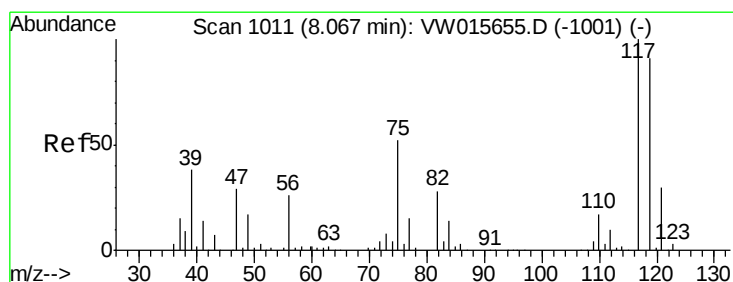
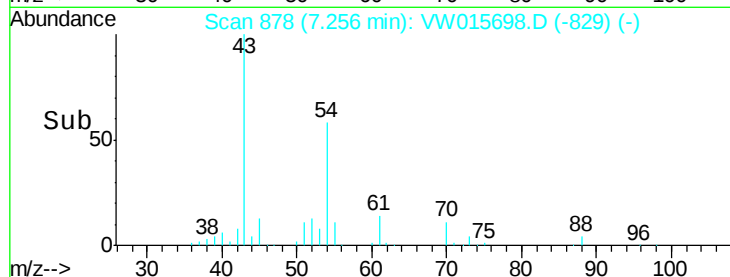
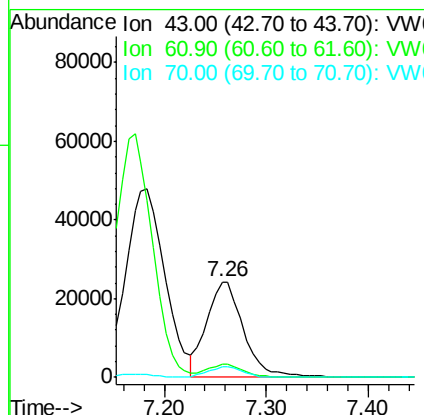
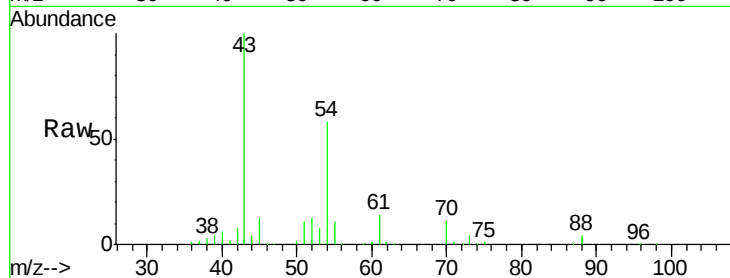
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	60085
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.7	8.4	12.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 50.654 ug/l

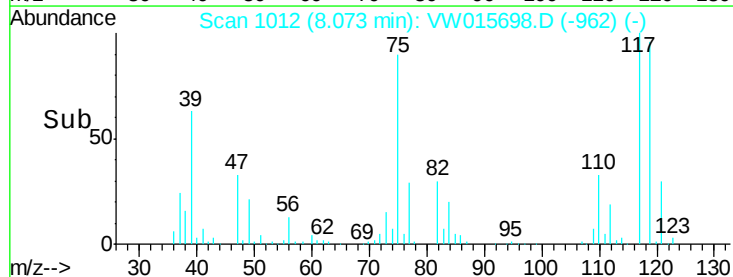
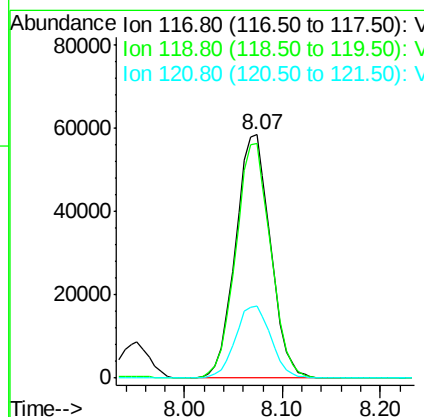
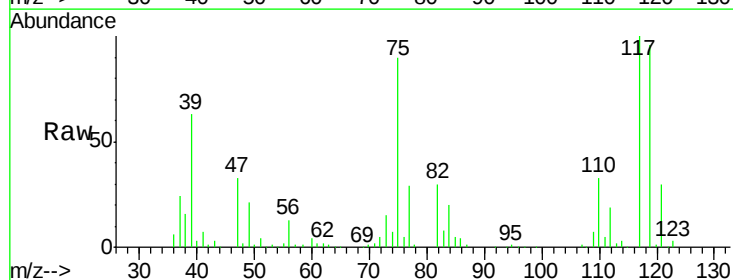
RT: 8.07 min Scan# 1012

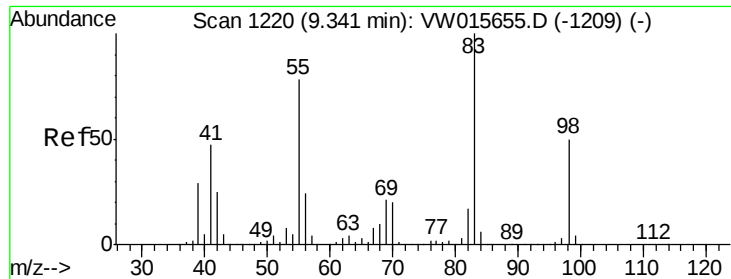
Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	117	Resp:	144606
Ion	Ratio	Lower	Upper
117	100		
119	96.4	73.2	109.8
121	29.7	23.9	35.9





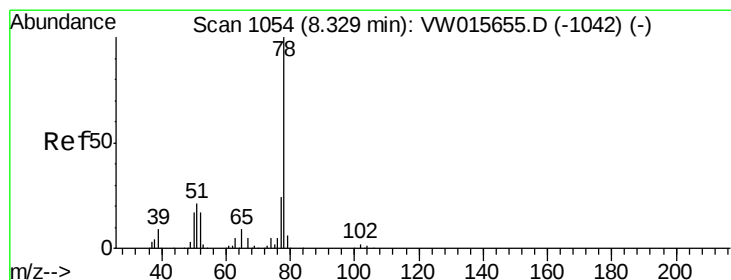
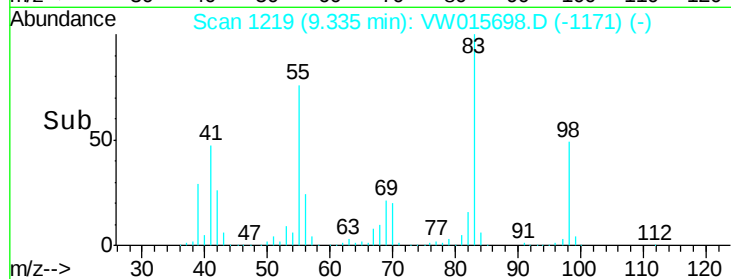
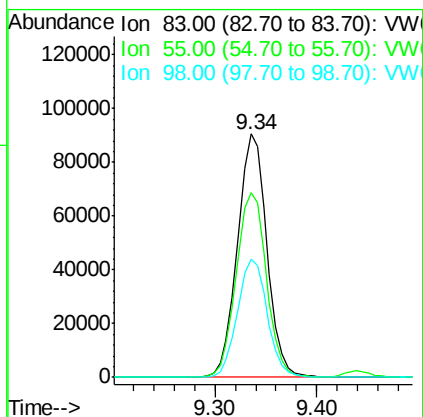
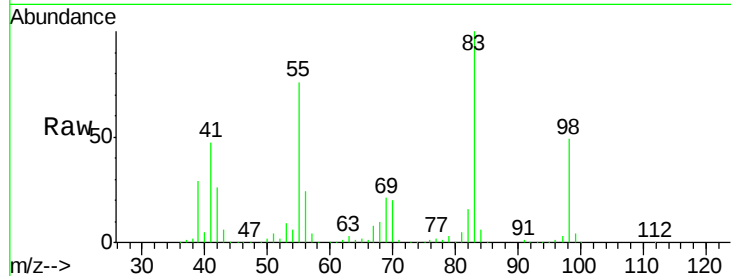
#39
Methvlcvclohexane
Concen: 50.822 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	62.8	94.2
98	48.6	39.9	59.9

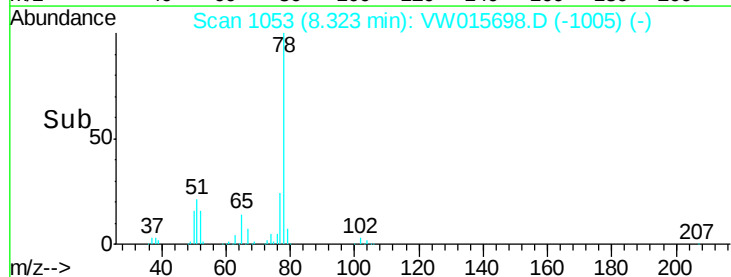
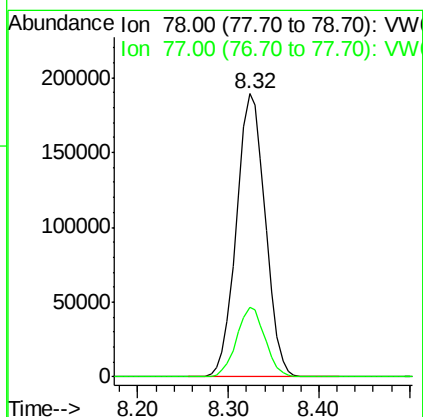
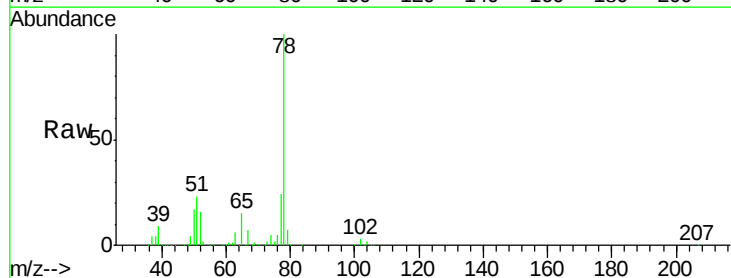
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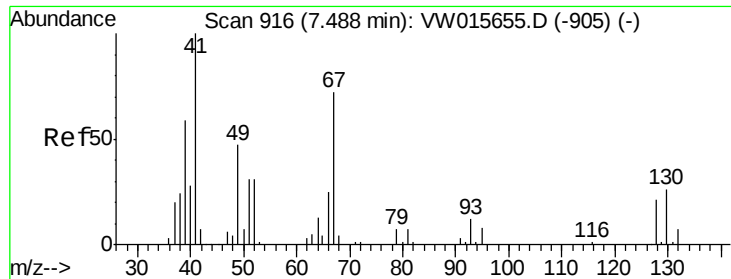
MMDadoda
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#40
Benzene
Concen: 52.142 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





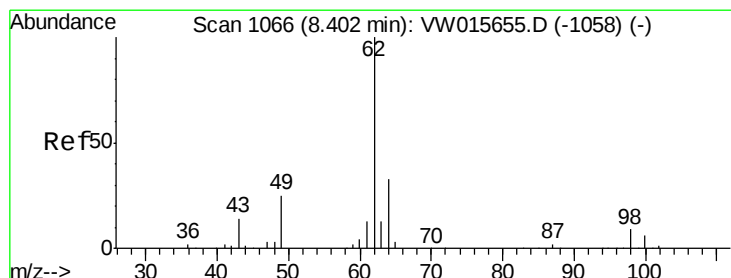
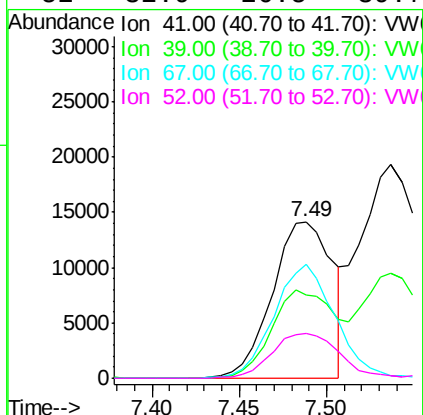
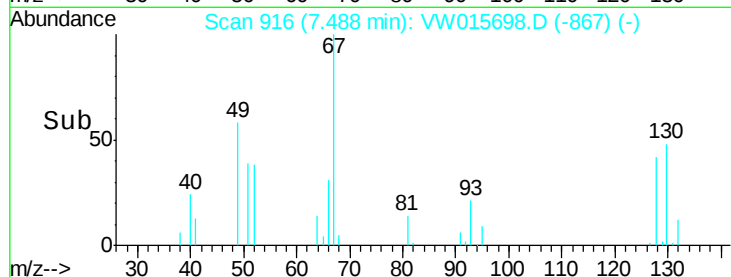
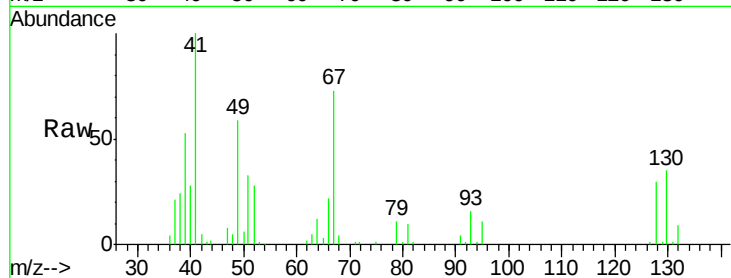
#41
Methacrylonitrile
Concen: 52.562 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.2	52.0	78.0
67	74.6	57.5	86.3
52	32.9	26.5	39.7

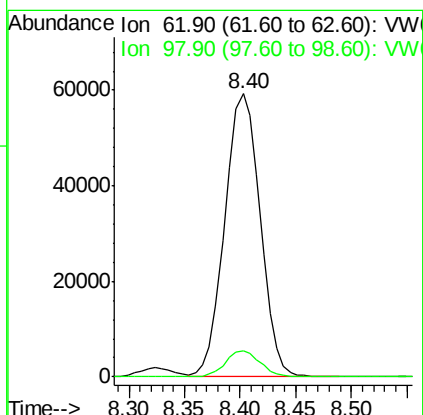
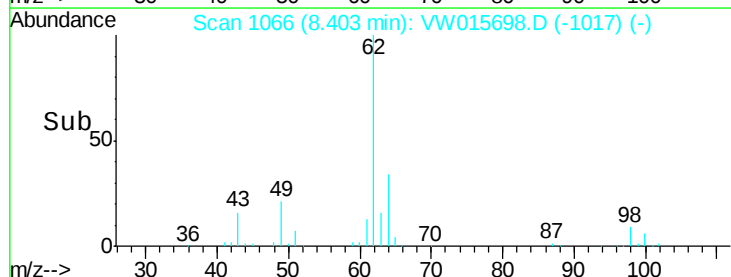
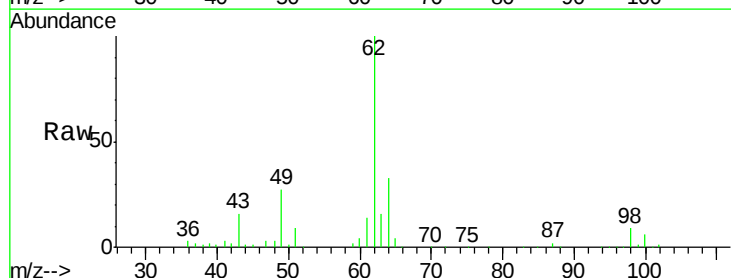
Manual Integrations
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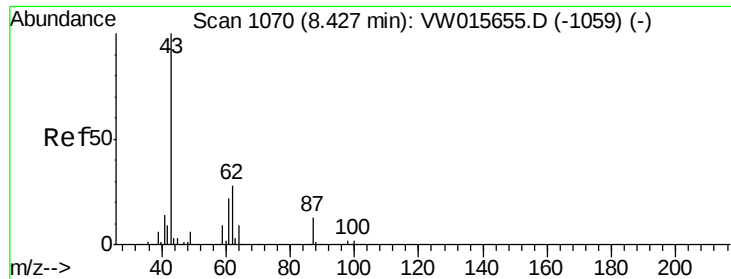
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.933 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 54.028 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

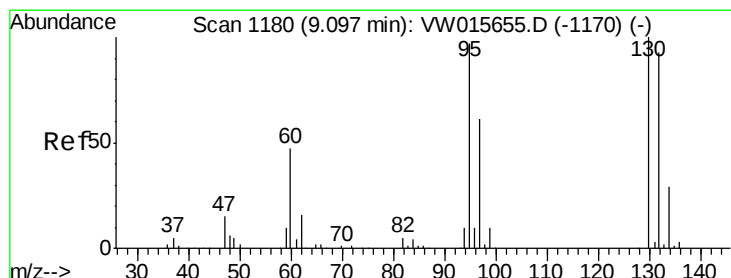
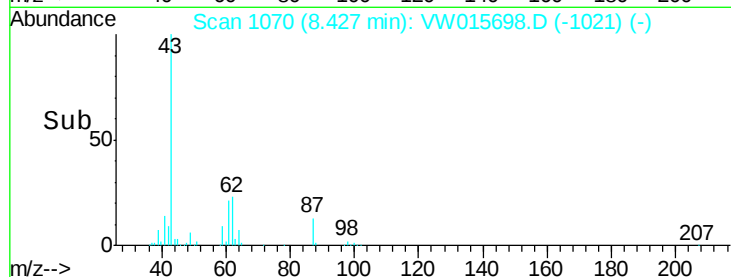
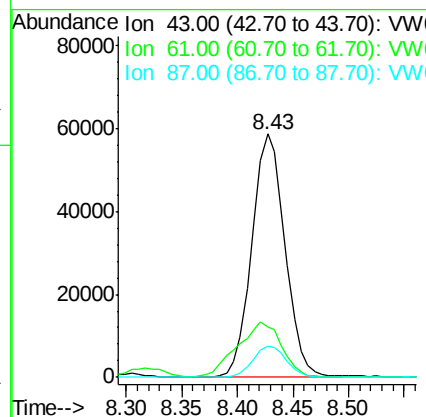
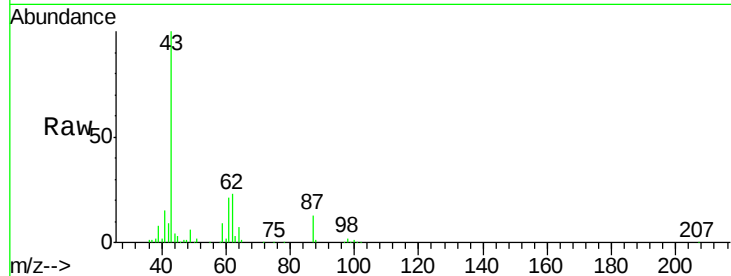
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	121238
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.7	37.1
87	13.2	10.2	15.2

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#44

Trichloroethene

Concen: 50.619 ug/l

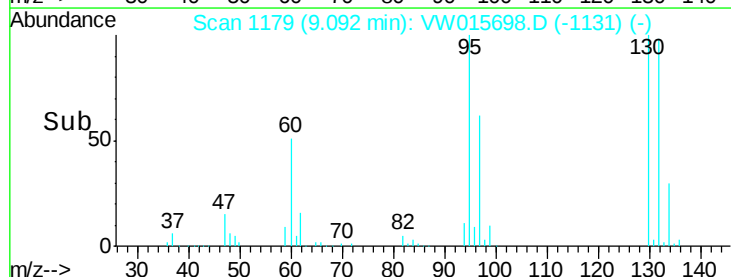
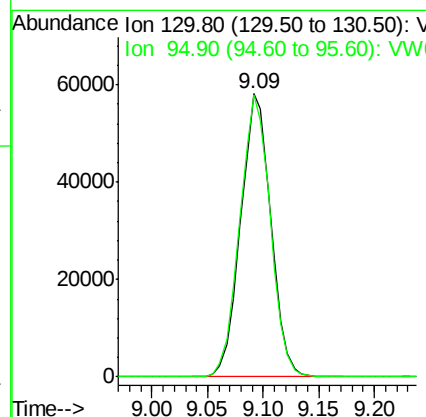
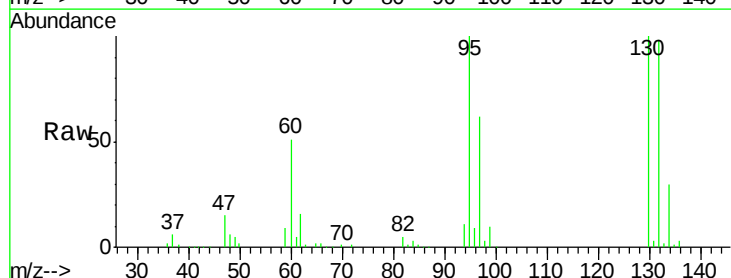
RT: 9.09 min Scan# 1179

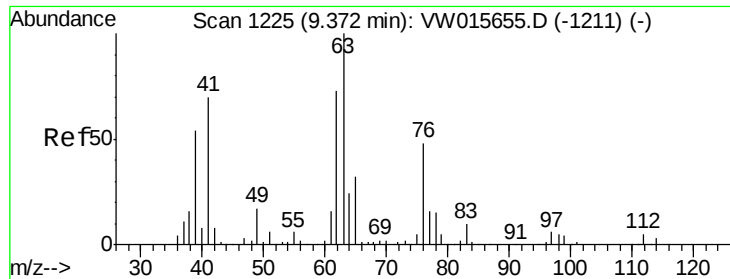
Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	130	Resp:	109256
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	194.4





#45

1,2-Dichloropropane

Concen: 51.902 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 101591

Ion Ratio Lower Upper

63 100

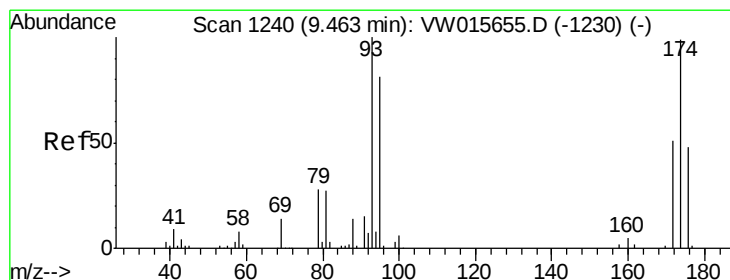
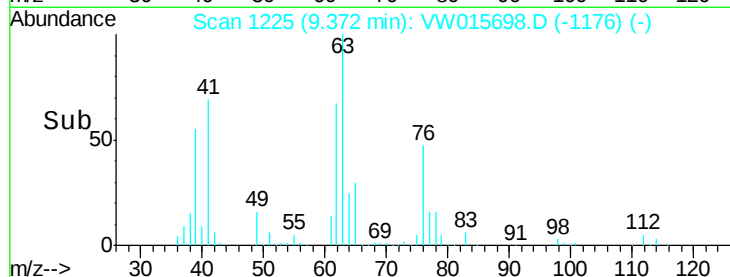
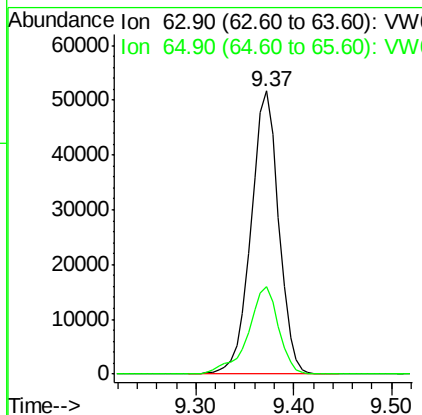
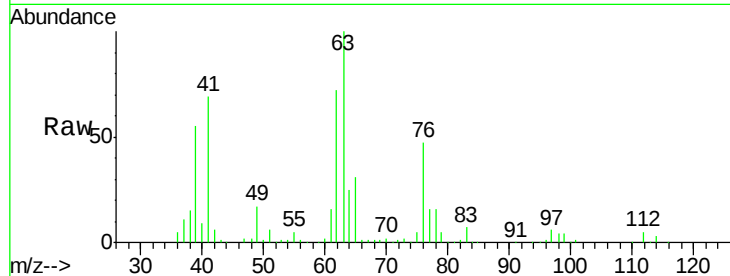
65 30.9 25.3 37.9

Manual Integrations

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#46

Dibromomethane

Concen: 54.581 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

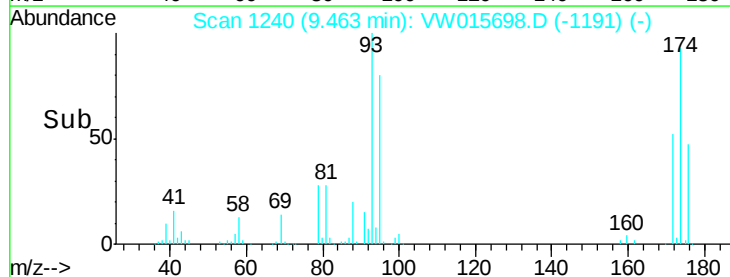
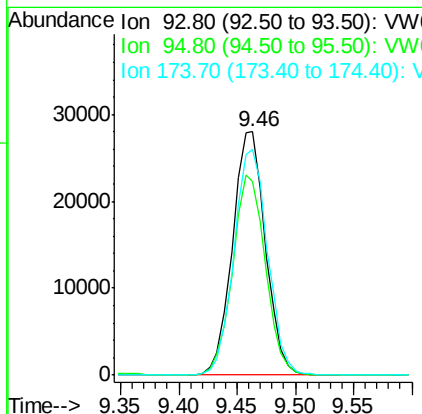
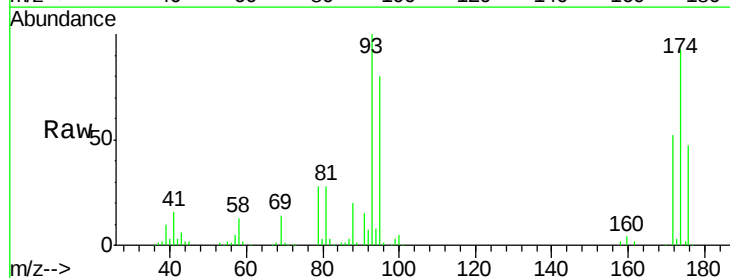
Tgt Ion: 93 Resp: 55276

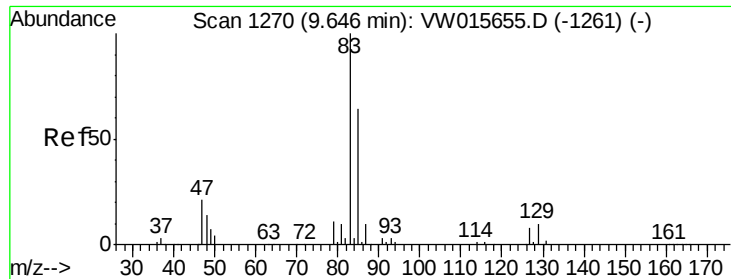
Ion Ratio Lower Upper

93 100

95 81.9 65.7 98.5

174 94.6 79.0 118.6





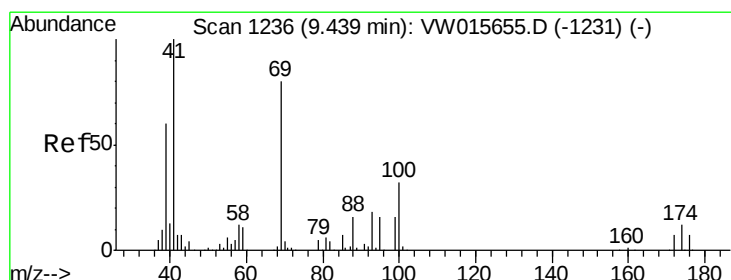
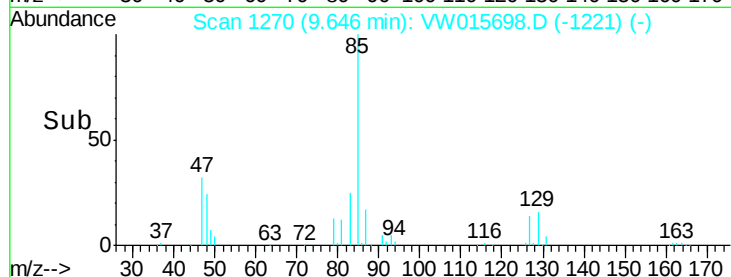
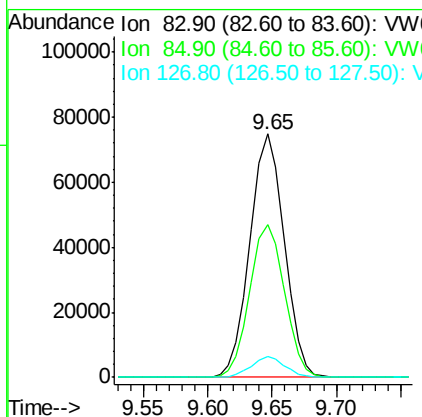
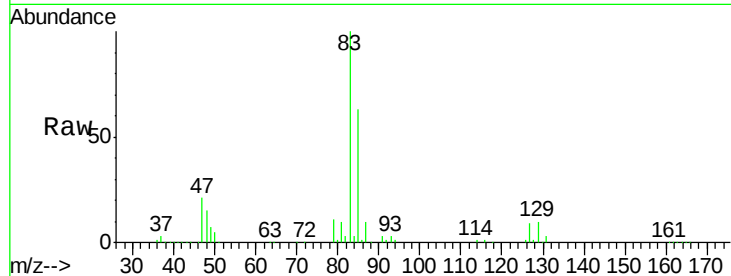
#47
Bromodichloromethane
Concen: 52.398 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	138416
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	50.8	76.2
127	8.6	6.3	9.5

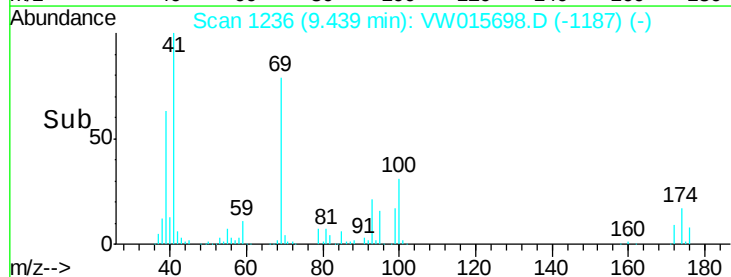
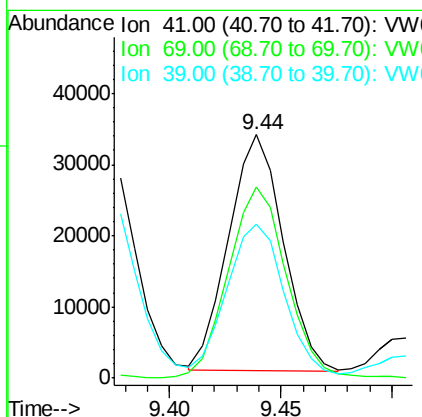
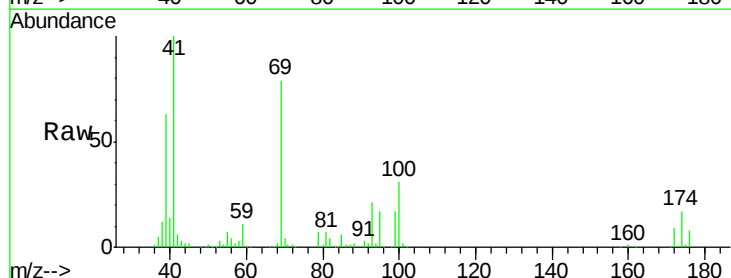
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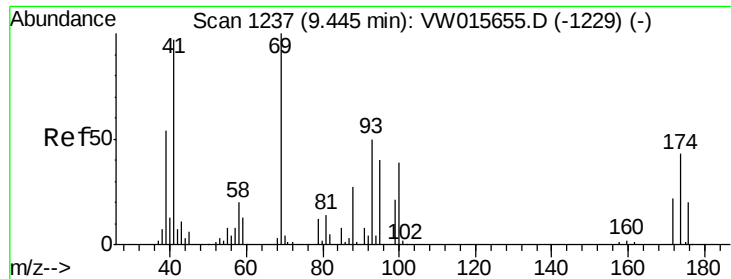
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#48
Methyl methacrylate
Concen: 54.961 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	41	Resp	56386
Ion Ratio	100	Lower	Upper
41	100		
69	87.2	68.2	102.2
39	69.8	49.8	74.6





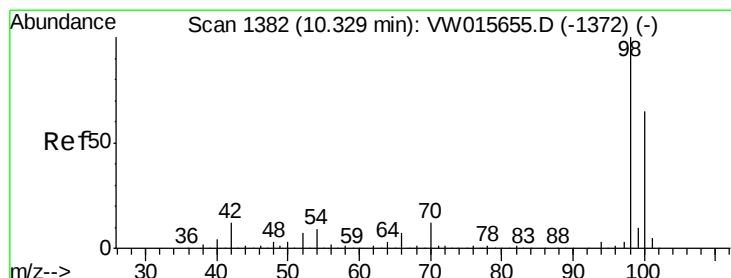
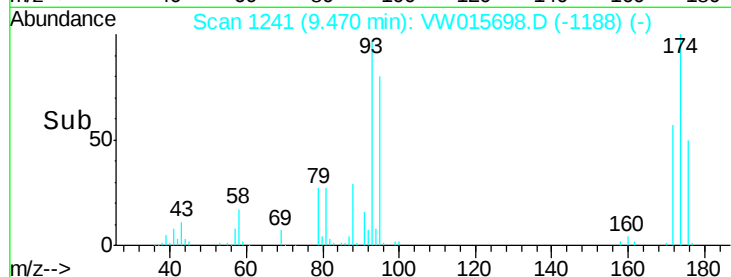
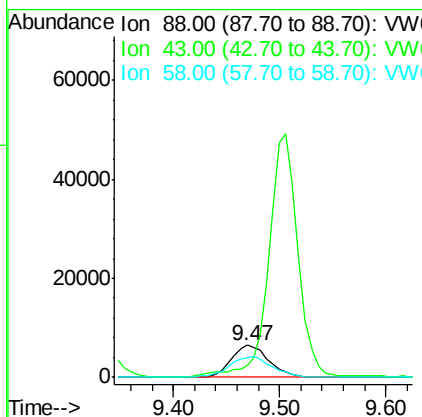
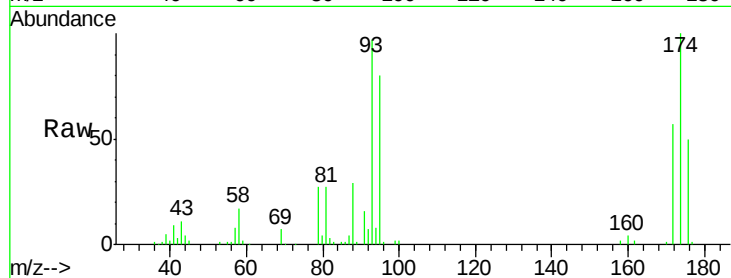
#49
1,4-Dioxane
Concen: 1213.445 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	16121		
43	0.0	30.1	45.1#	
58	72.8	56.1	84.1	

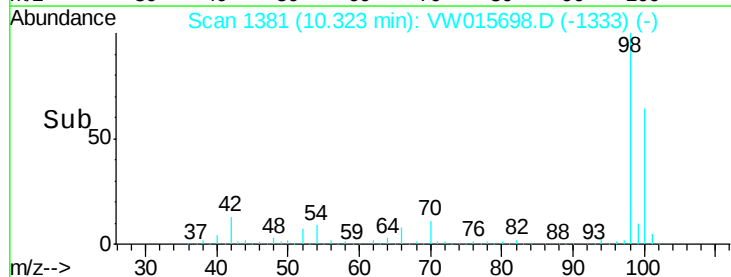
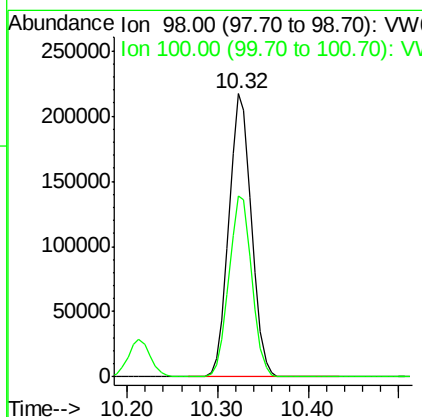
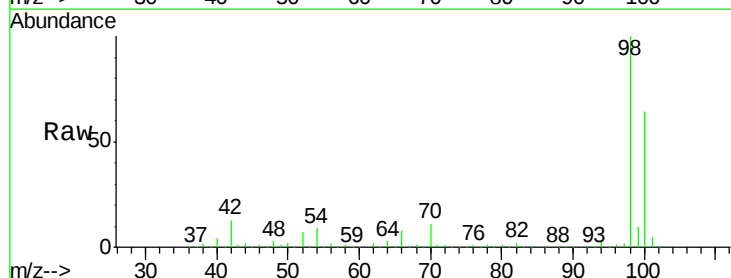
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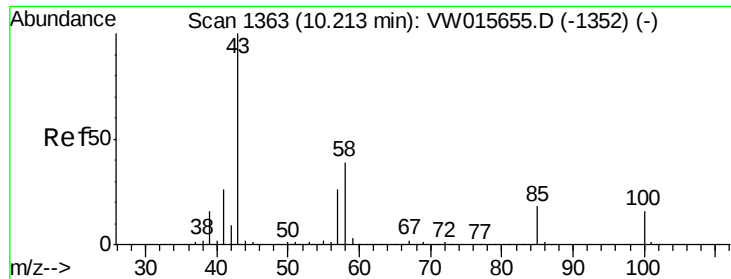
MMDadoda
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#50
Toluene-d8
Concen: 53.307 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	373645		
100	64.9	52.8	79.2	





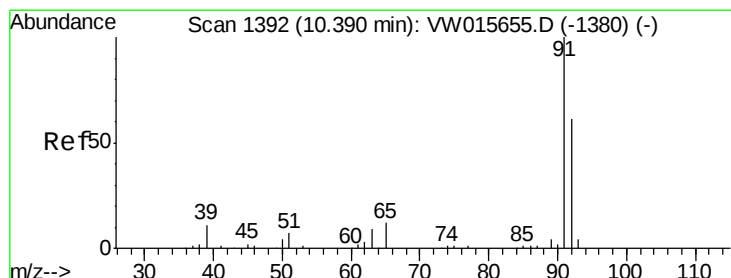
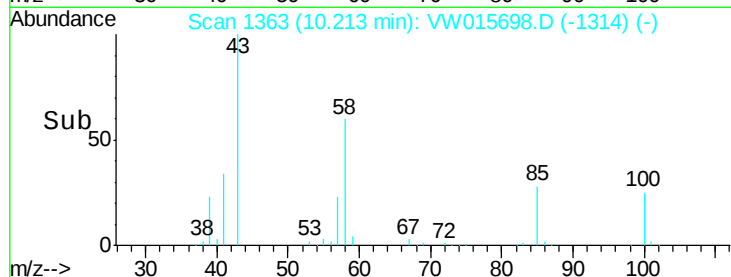
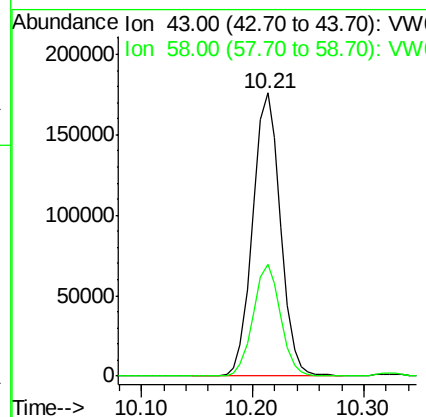
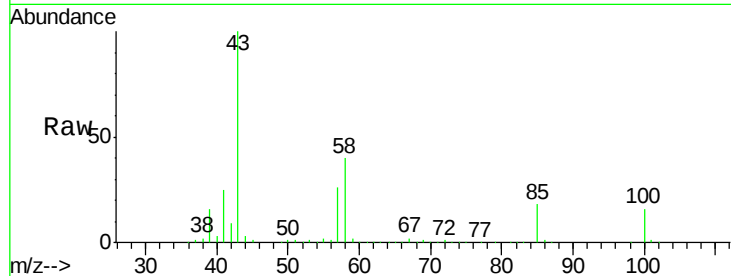
#51
4-Methyl-2-Pentanone
Concen: 282.124 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 305307
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8

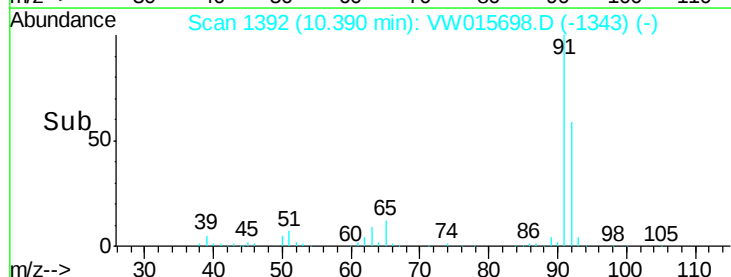
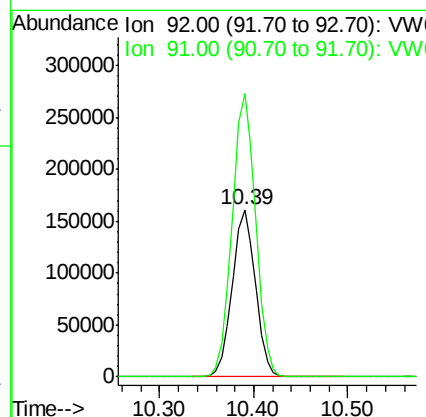
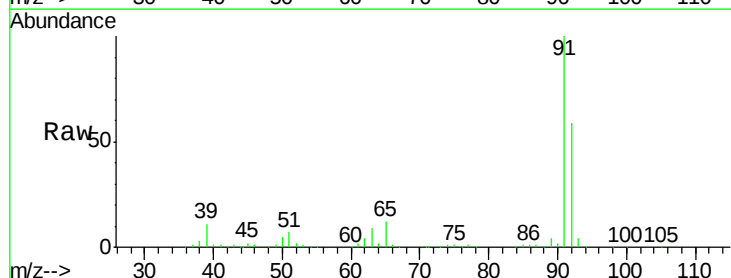
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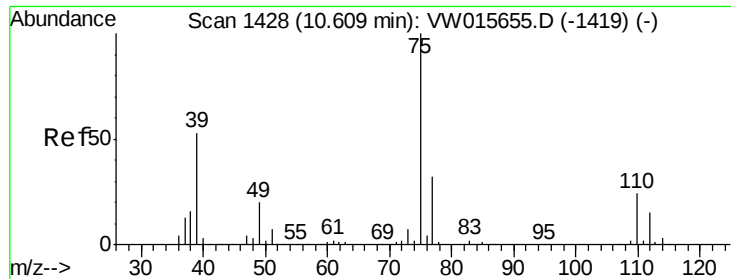
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#52
Toluene
Concen: 52.881 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 92 Resp: 273432
Ion Ratio Lower Upper
92 100
91 172.6 135.5 203.3





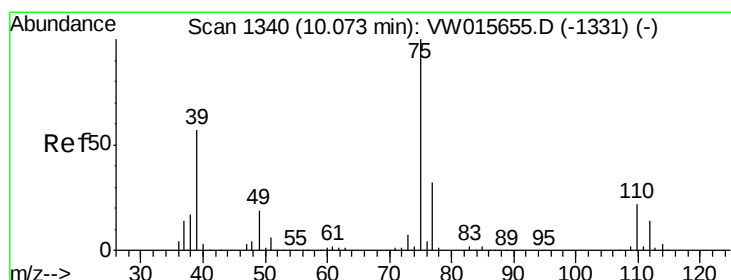
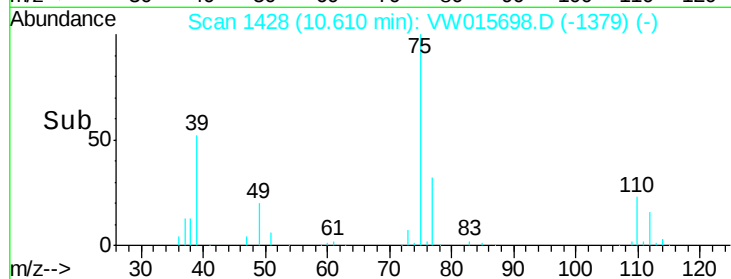
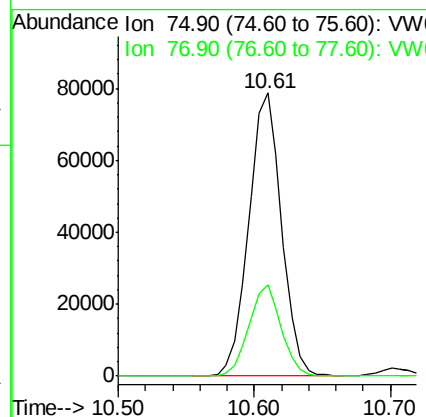
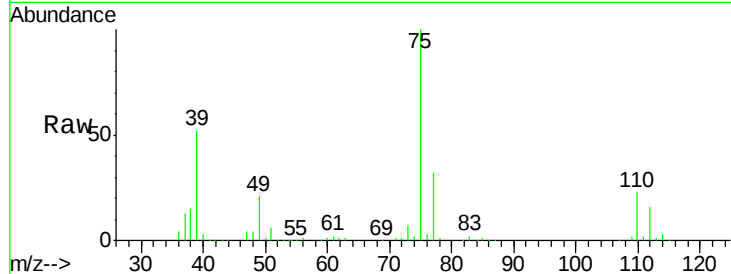
#53
t-1,3-Dichloropropene
Concen: 51.983 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 132660
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9

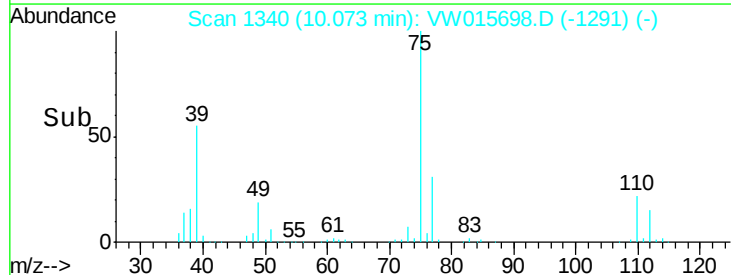
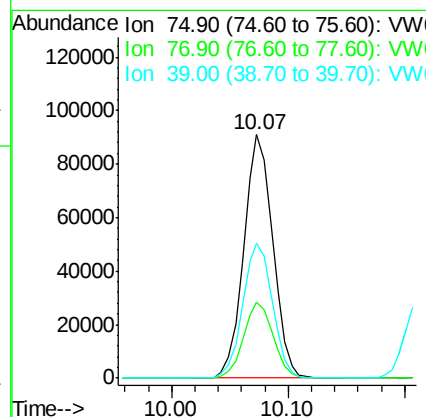
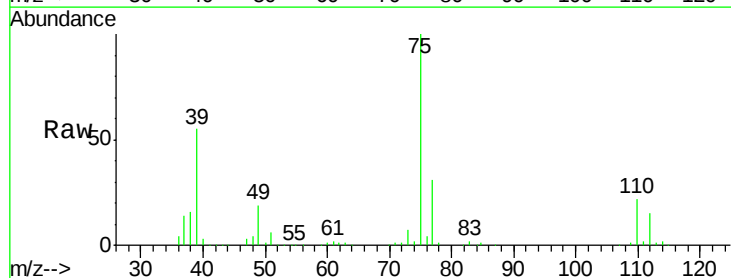
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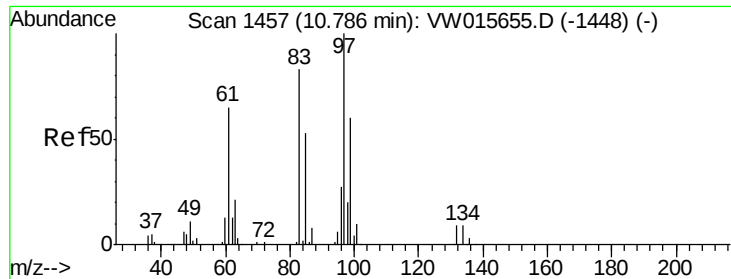
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#54
cis-1,3-Dichloropropene
Concen: 51.934 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 75 Resp: 158331
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 55.4 45.8 68.6





#55

1,1,2-Trichloroethane

Concen: 54.073 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

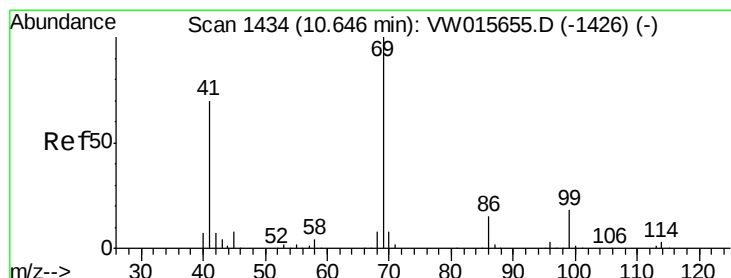
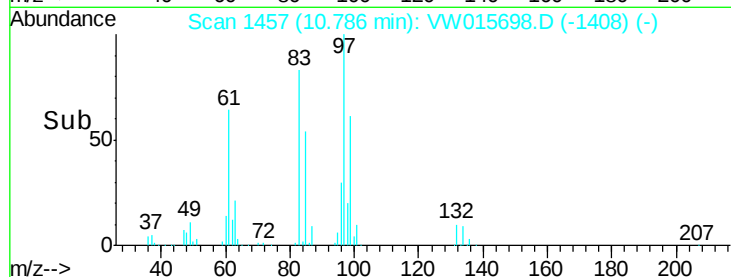
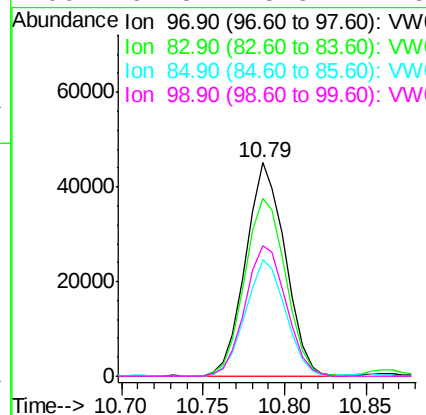
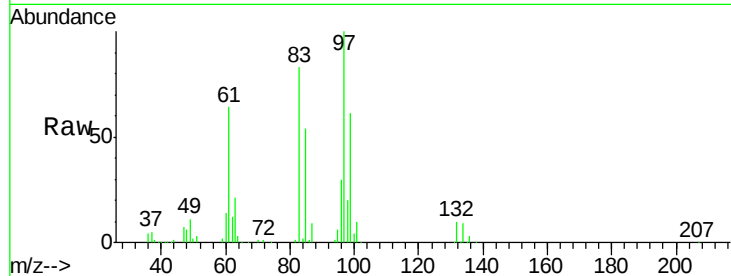
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	76139
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.3	99.5
85	54.4	42.5	63.7
99	61.3	48.3	72.5

Manual Integrations
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#56

Ethyl methacrylate

Concen: 56.514 ug/l

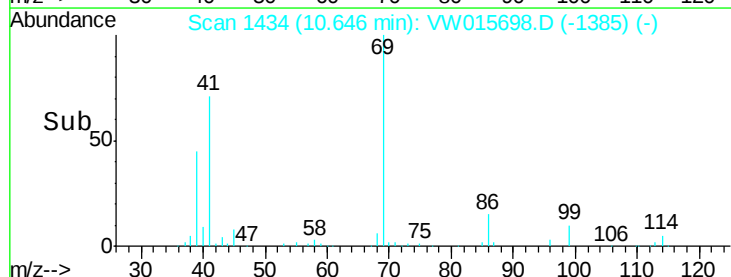
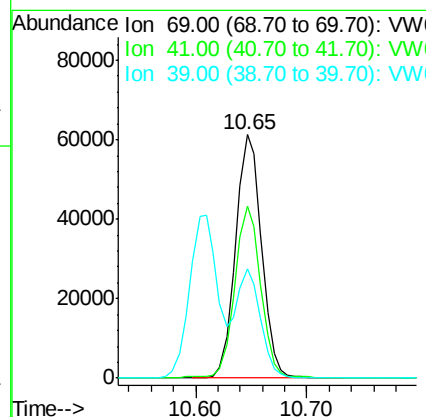
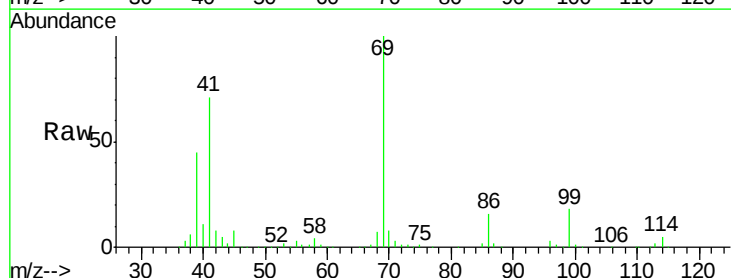
RT: 10.65 min Scan# 1434

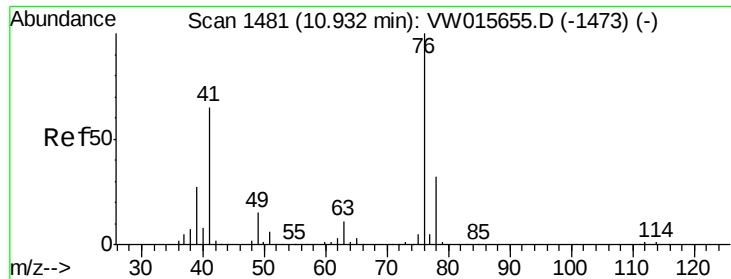
Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	69	Resp:	99013
Ion	Ratio	Lower	Upper
69	100		
41	71.4	55.8	83.6
39	42.5	29.5	44.3





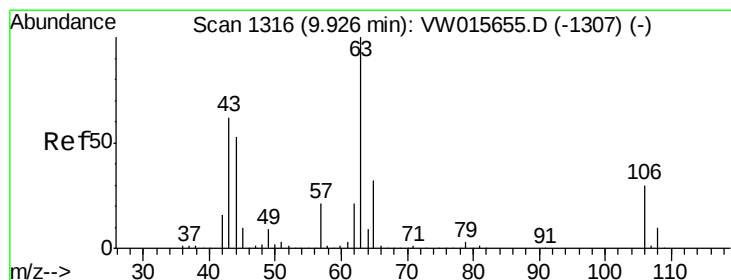
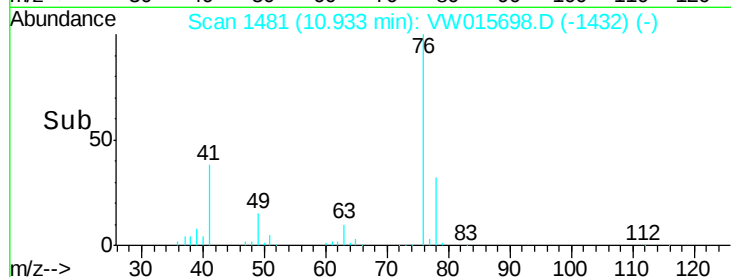
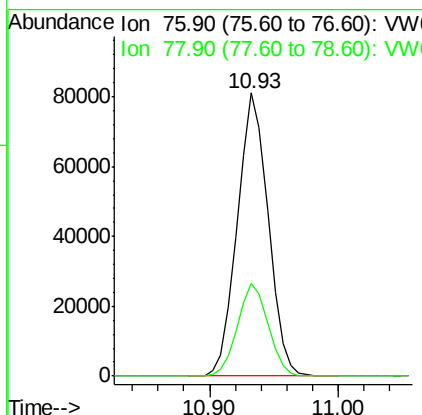
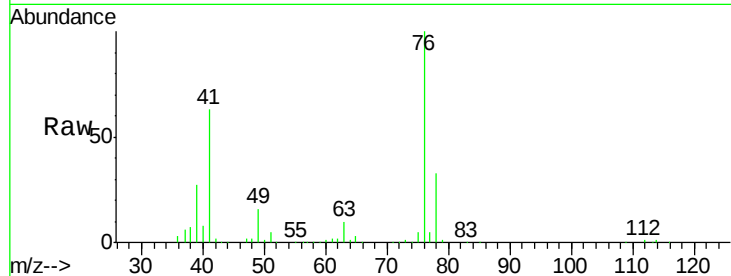
#57
 1,3-Dichloropropane
 Concen: 53.894 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 134533
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

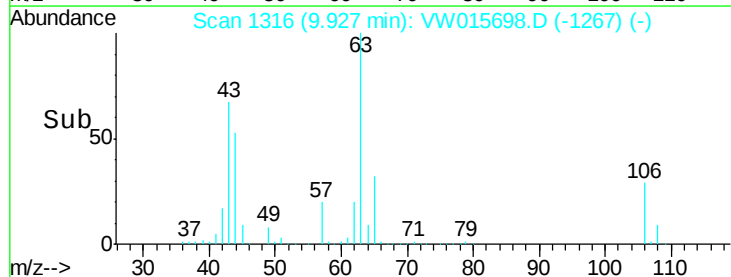
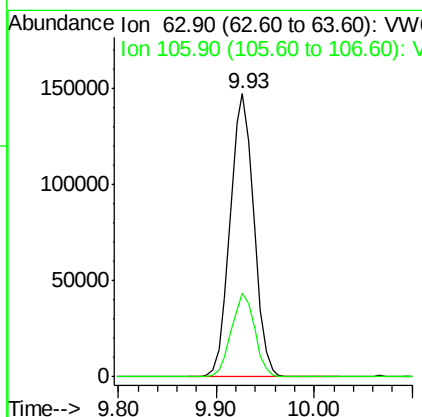
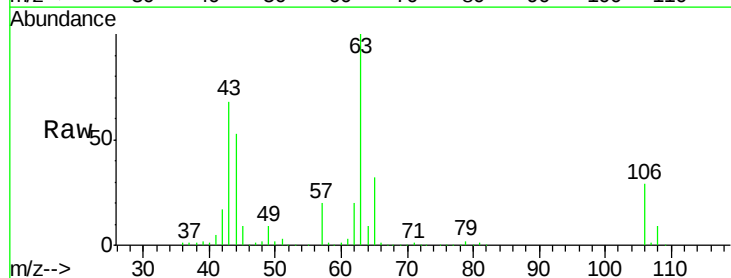
Manual Integrations
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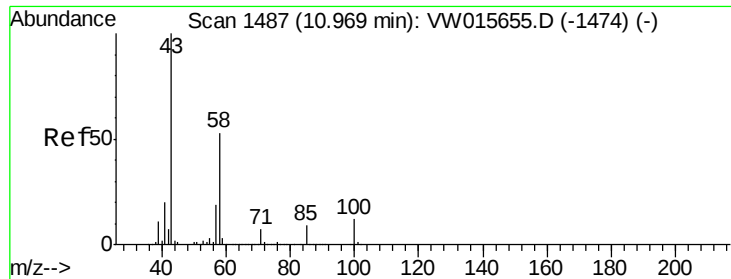
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#58
 2-Chloroethyl Vinyl ether
 Concen: 299.165 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 63 Resp: 248033
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9





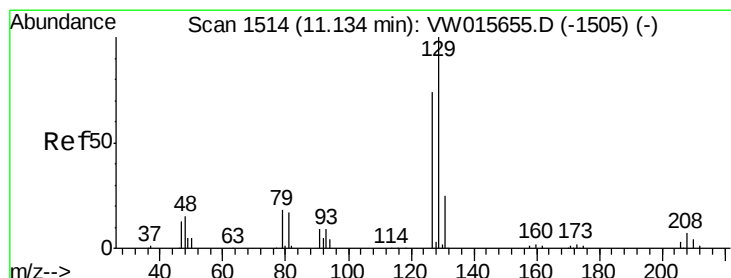
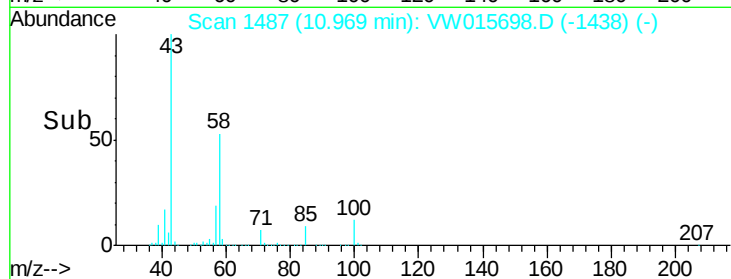
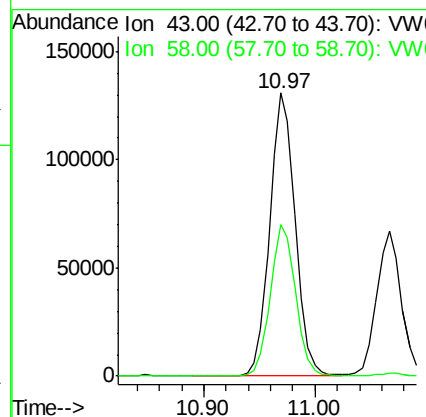
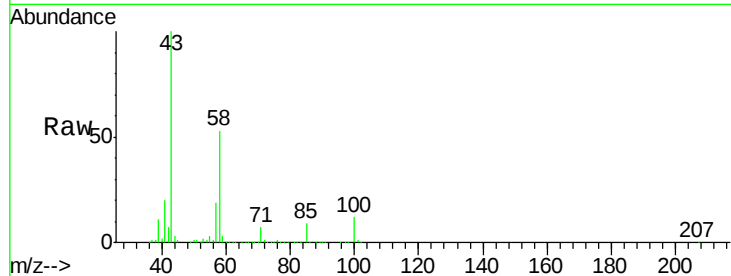
#59
2-Hexanone
Concen: 283.445 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 208824
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.4

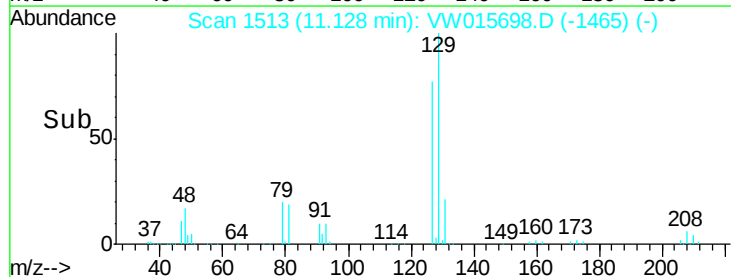
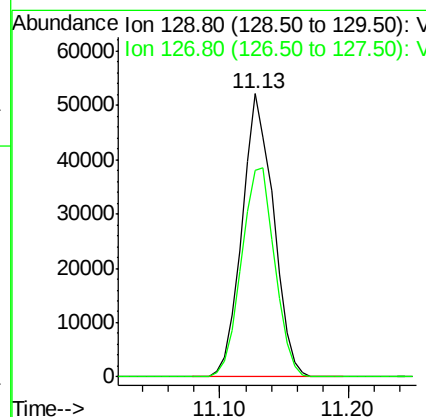
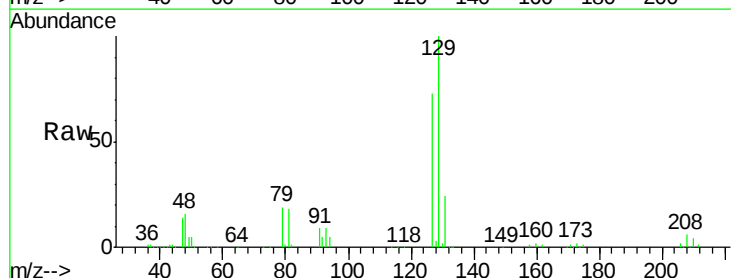
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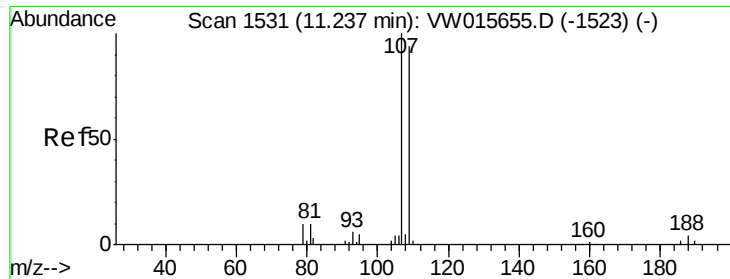
MMDadoda
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#60
Dibromochloromethane
Concen: 53.629 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 129 Resp: 87998
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.1





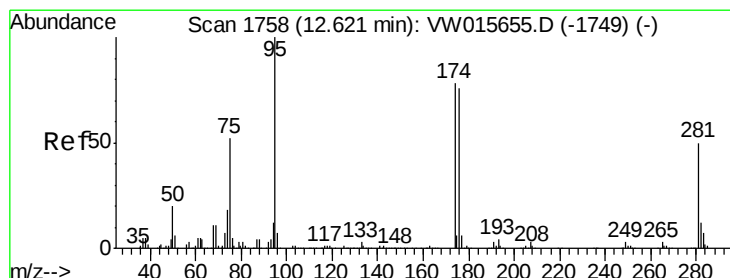
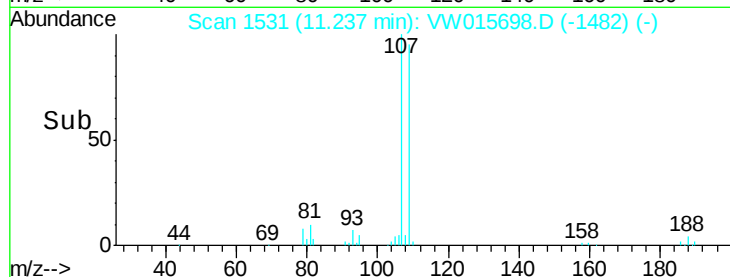
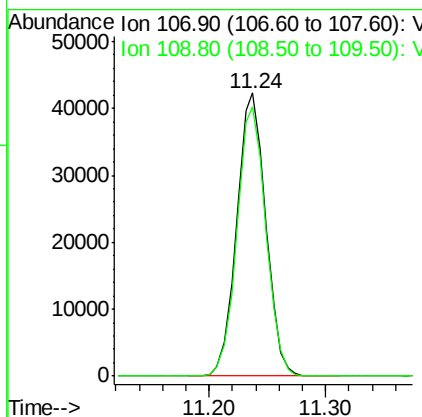
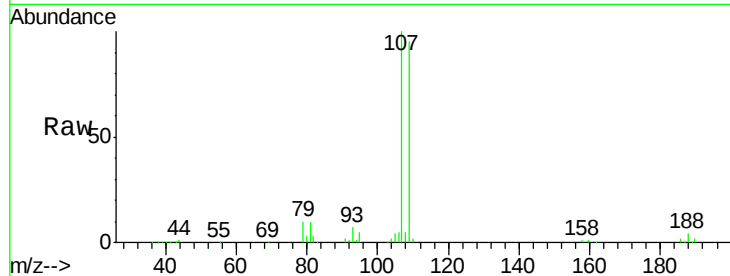
#61
 1,2-Dibromoethane
 Concen: 54.423 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.9	112.3

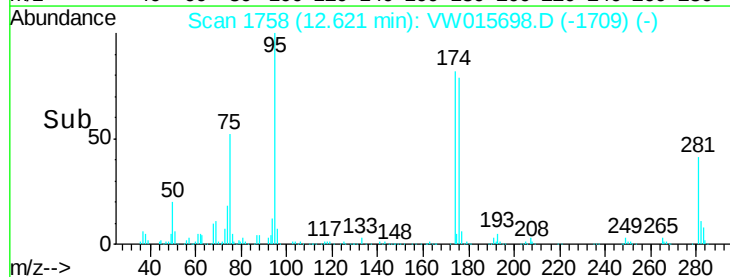
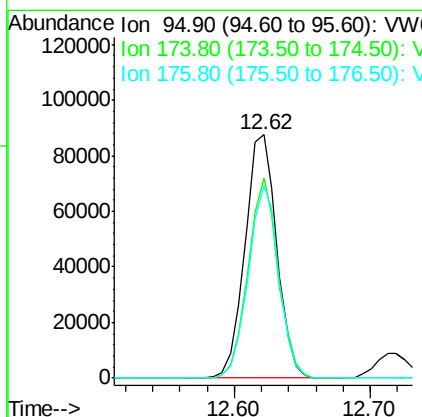
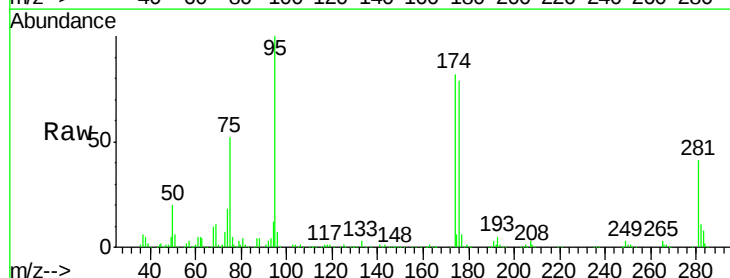
Manual Integrations
 APPROVED

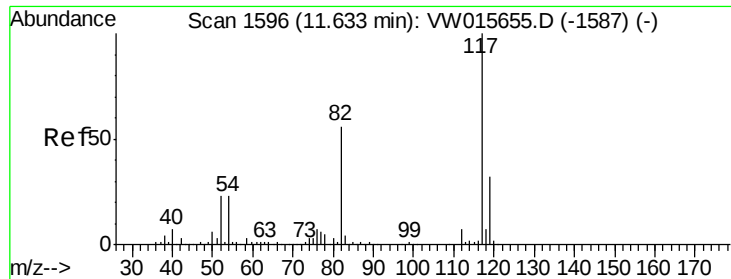
MMDadoda
 6/25/2020 4:18:34 PM



#62
 4-Bromofluorobenzene
 Concen: 55.413 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	157.0
176	76.1	0.0	151.4





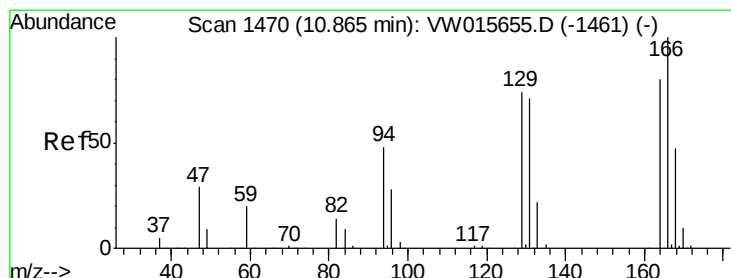
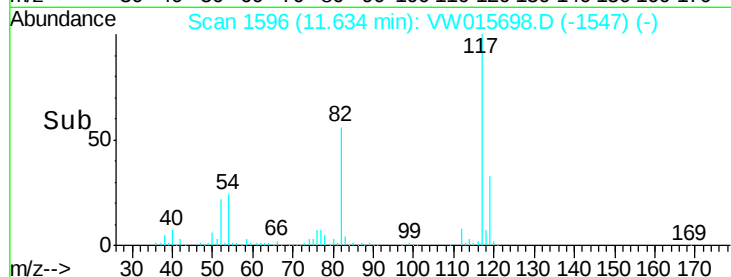
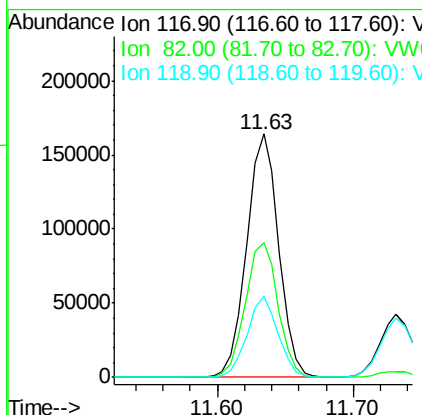
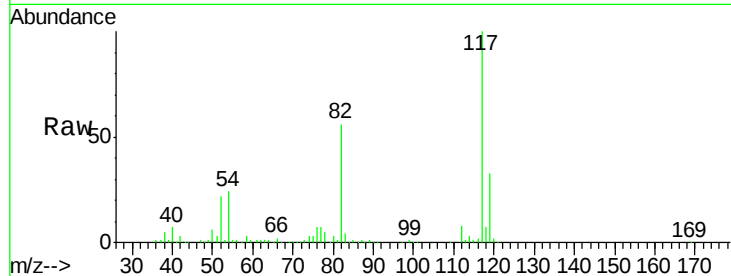
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.1	67.7
119	33.1	25.8	38.8

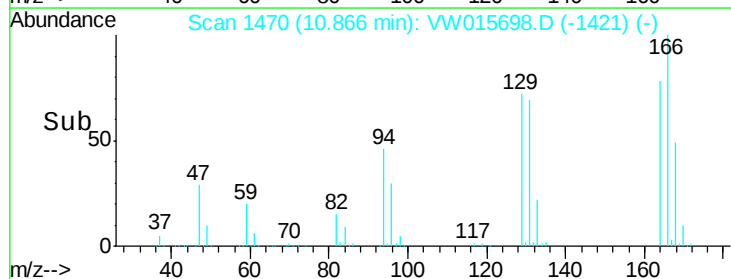
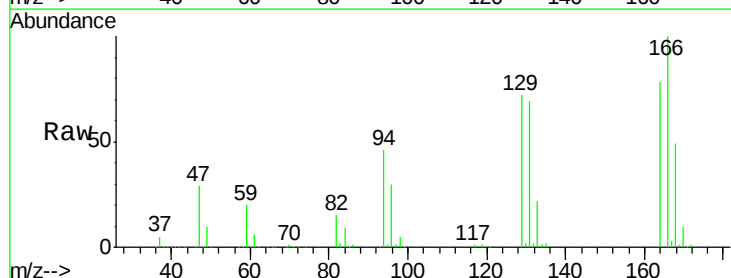
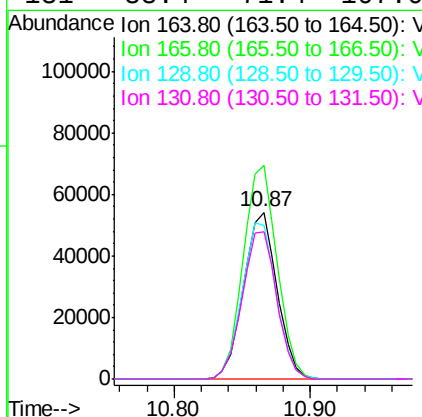
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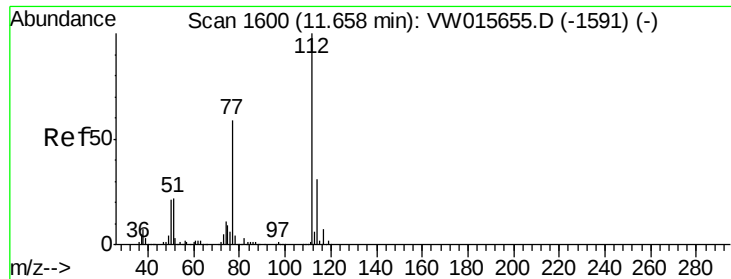
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#64
Tetrachloroethene
Concen: 49.351 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.9	149.9
129	92.1	74.2	111.2
131	88.4	71.4	107.0





#65

Chlorobenzene

Concen: 50.320 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 286292

Ion Ratio Lower Upper

112 100

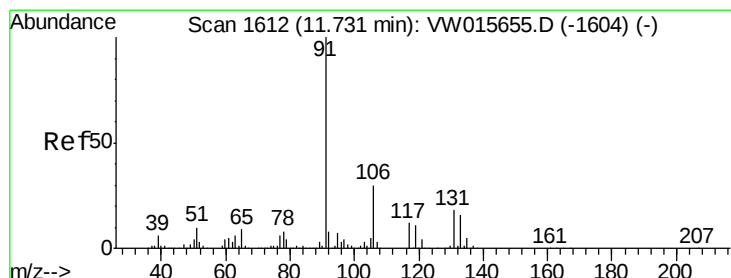
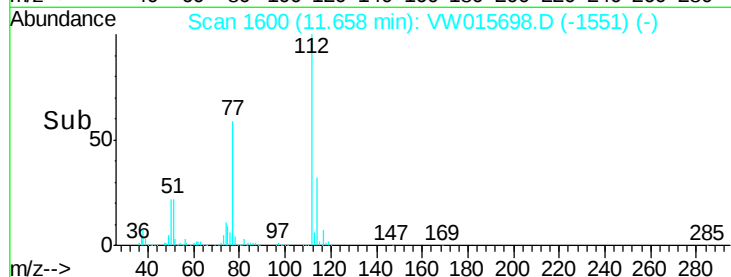
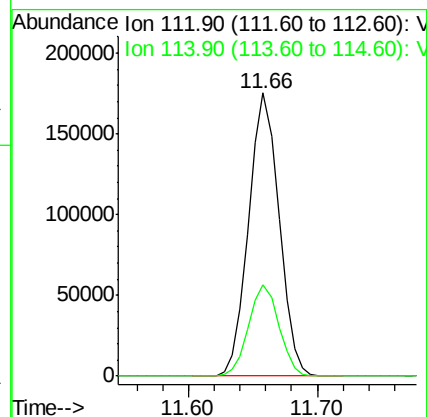
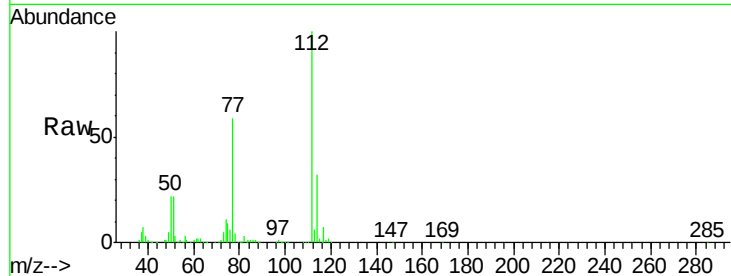
114 32.1 24.9 37.3

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.697 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

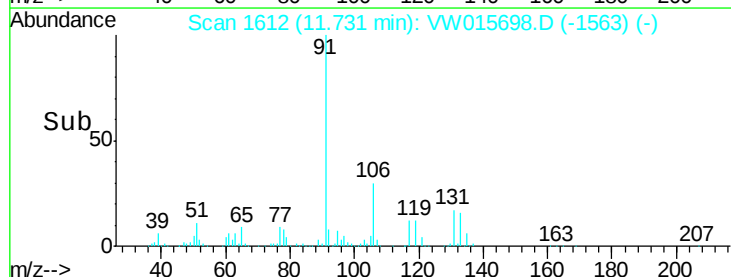
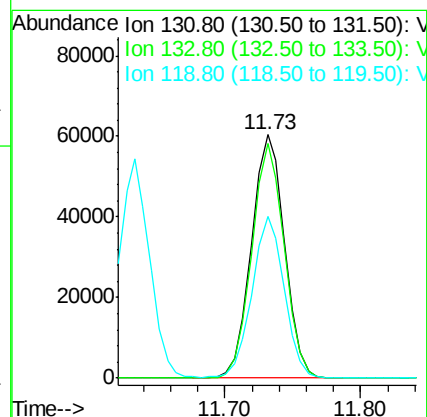
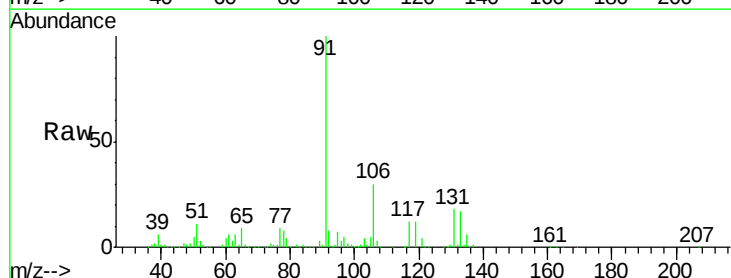
Tgt Ion:131 Resp: 103127

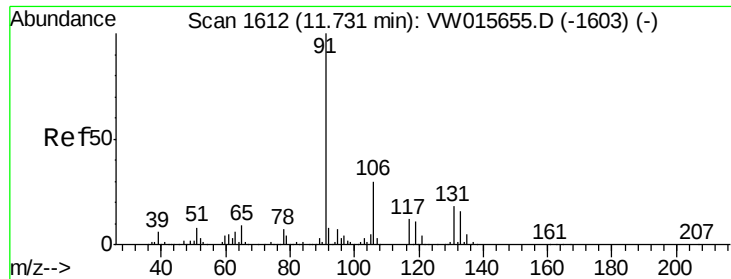
Ion Ratio Lower Upper

131 100

133 94.4 46.5 139.5

119 64.9 32.5 97.5





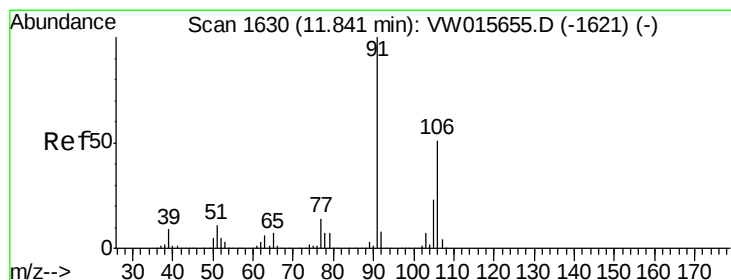
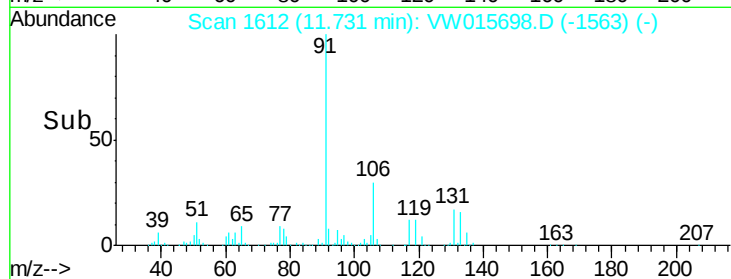
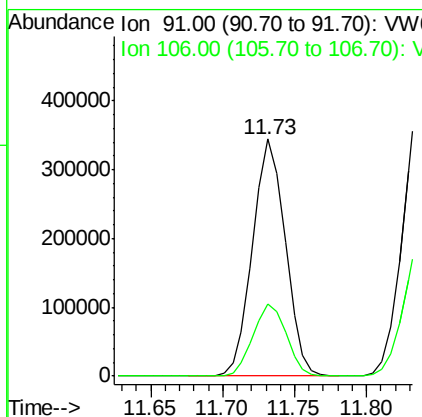
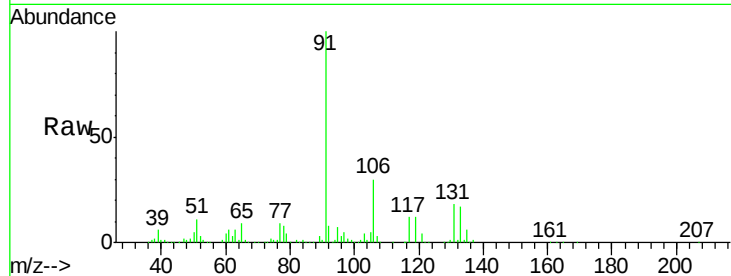
#67
Ethyl Benzene
Concen: 51.143 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.1	36.1

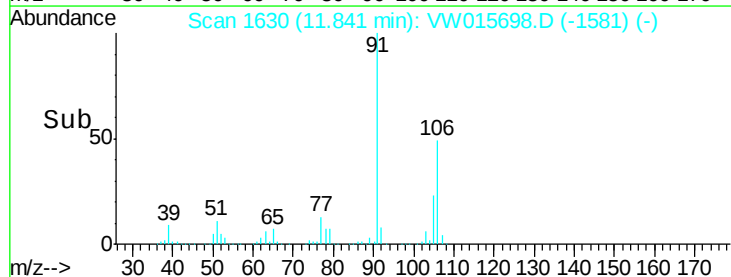
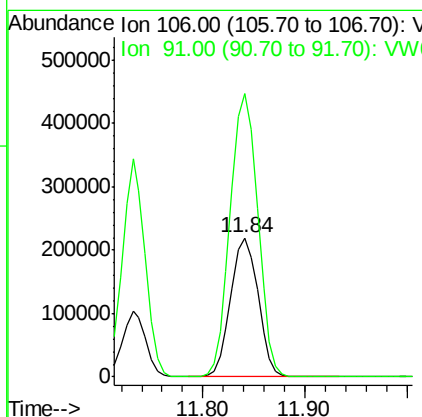
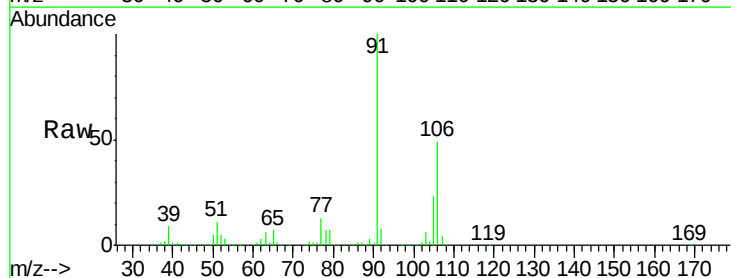
Manual Integrations
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#68
m/p-Xylenes
Concen: 102.963 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.1	162.6	244.0





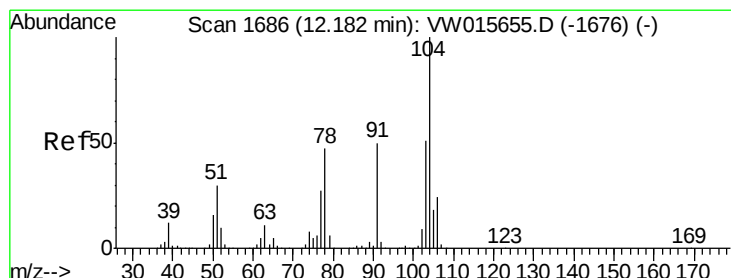
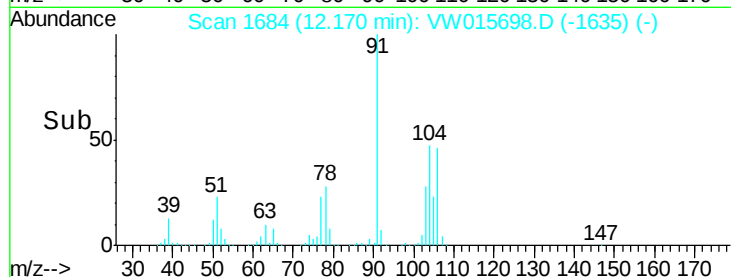
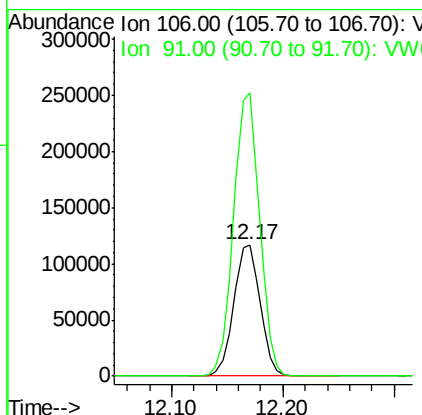
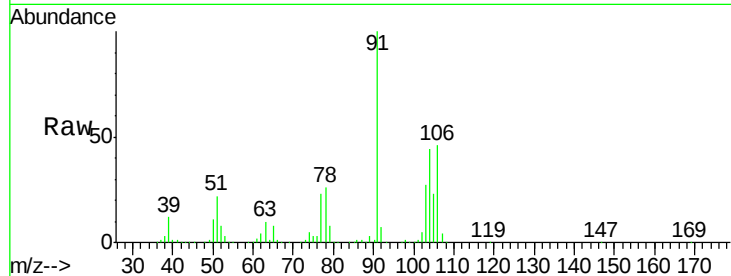
#69
o-Xylene
Concen: 52.051 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.9	108.3	324.9

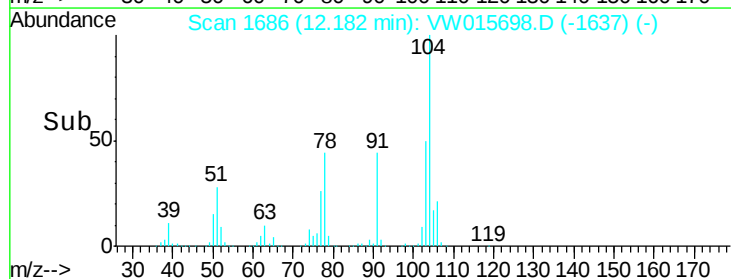
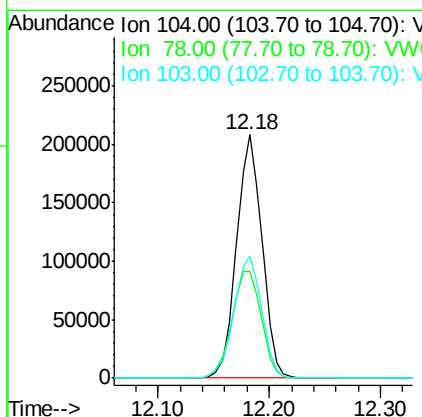
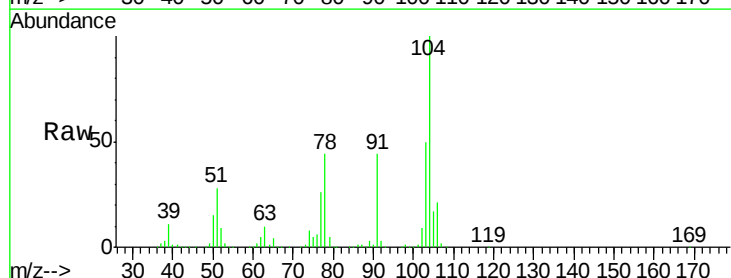
Manual Integrations
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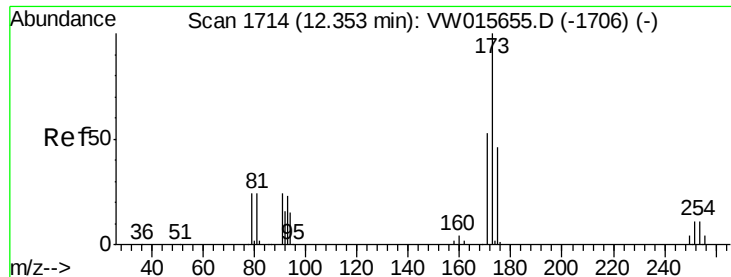
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#70
Styrene
Concen: 52.641 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.0	40.9	61.3
103	54.9	43.1	64.7





#71

Bromoform

Concen: 52.066 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 47788

Ion Ratio Lower Upper

173 100

175 48.7 23.5 70.6

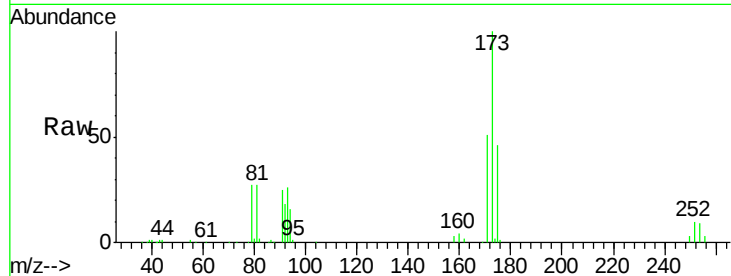
254 0.0 0.1 0.1#

Manual Integrations

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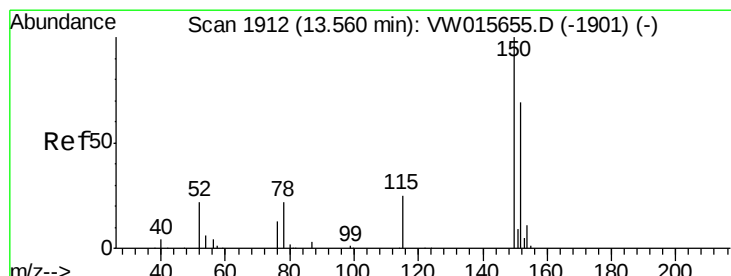
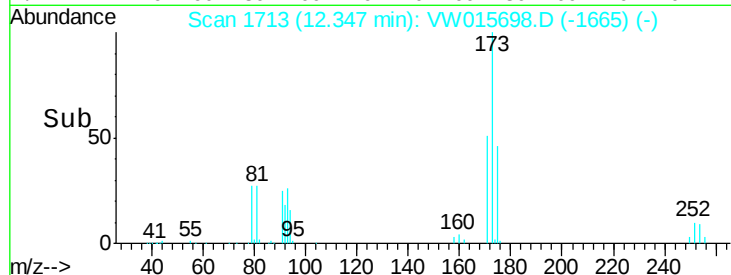
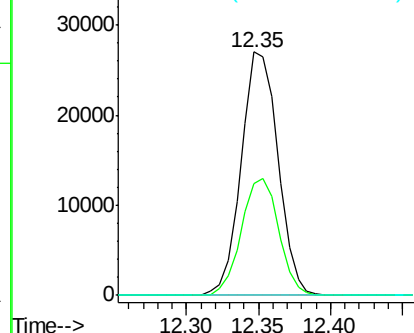
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

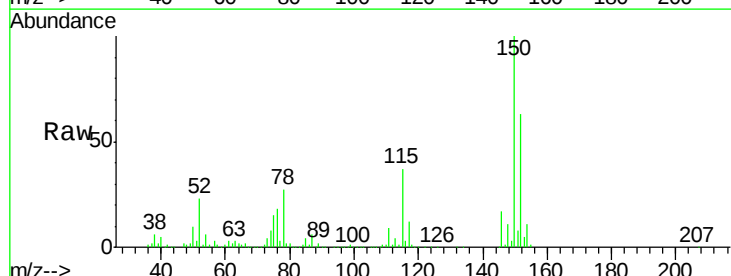
Tgt Ion:152 Resp: 136719

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

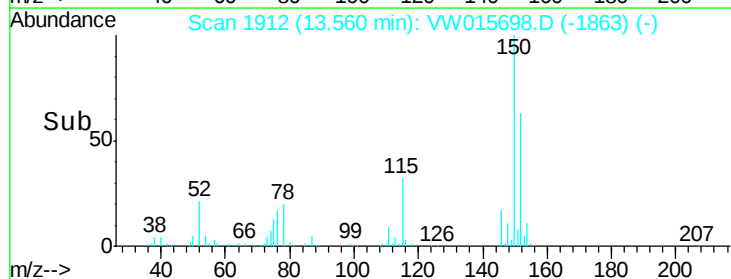
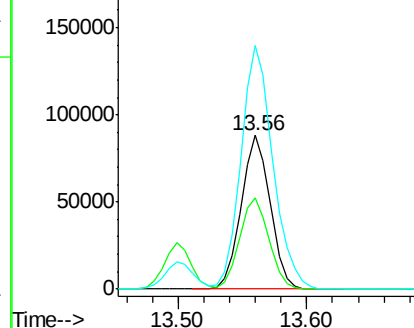
150 175.0 0.0 345.6

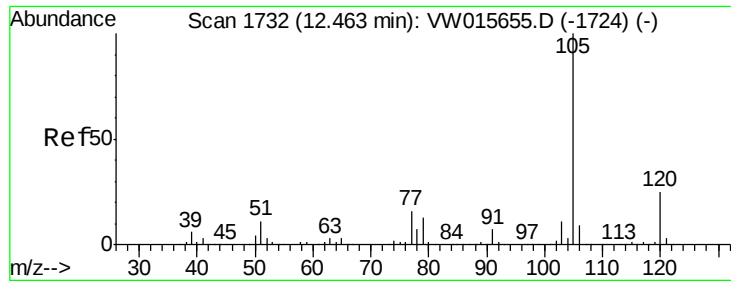


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.259 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 534604

Ion Ratio Lower Upper

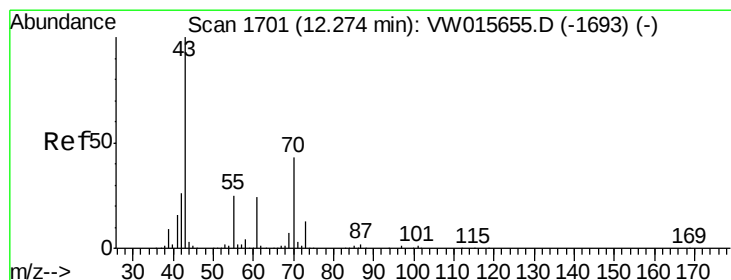
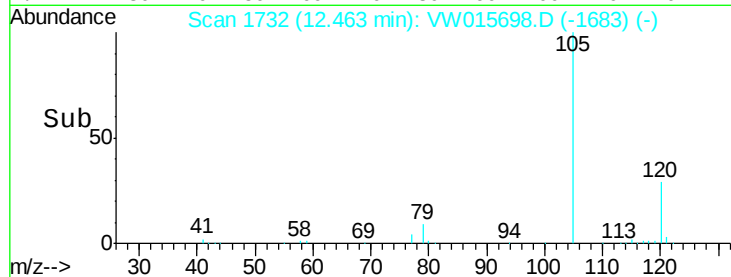
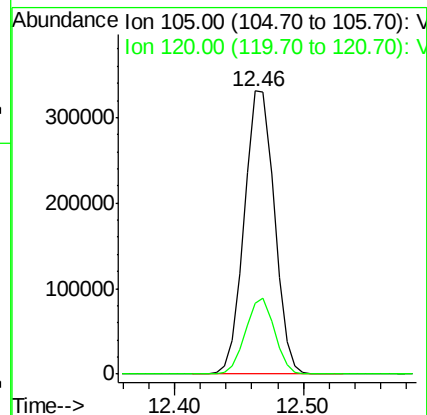
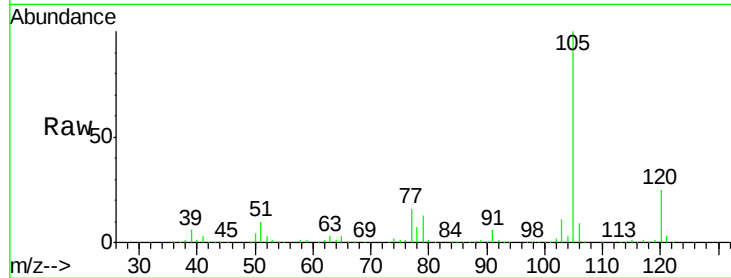
105 100

120 25.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 53.961 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion: 43 Resp: 119303

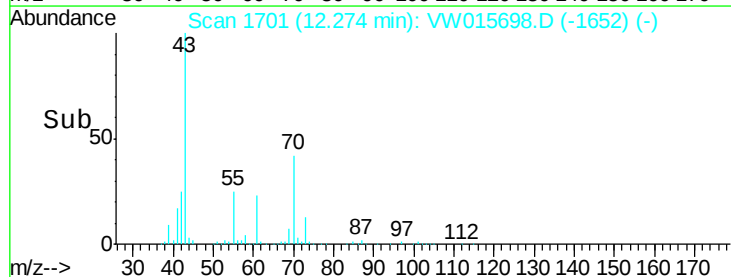
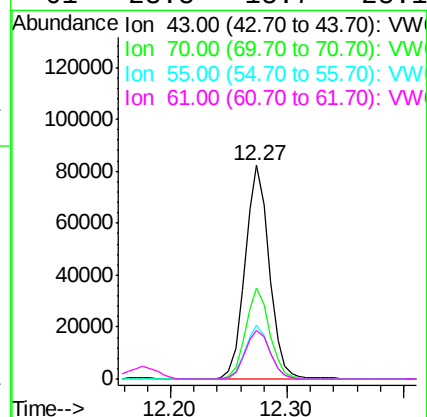
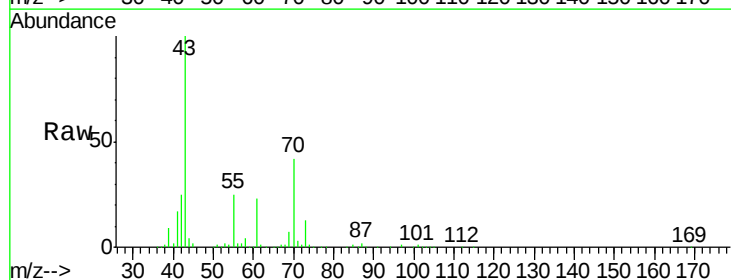
Ion Ratio Lower Upper

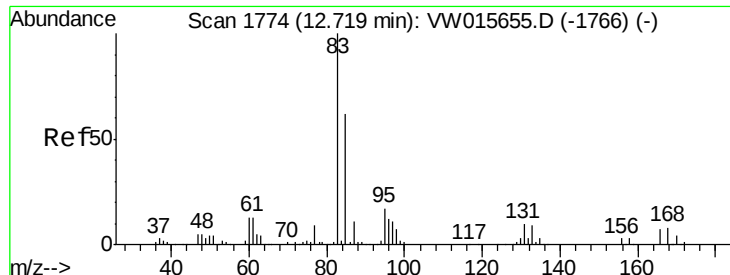
43 100

70 42.2 33.6 50.4

55 25.5 19.7 29.5

61 23.8 18.7 28.1





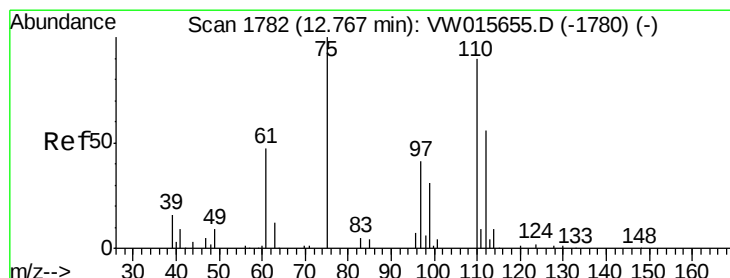
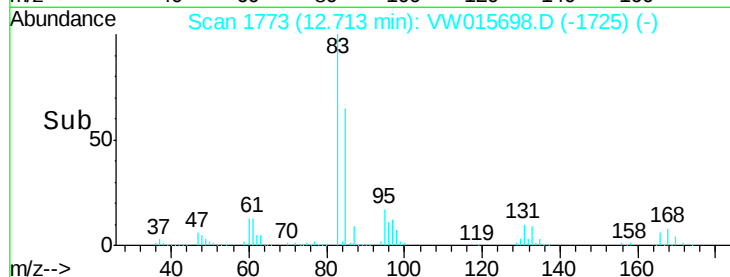
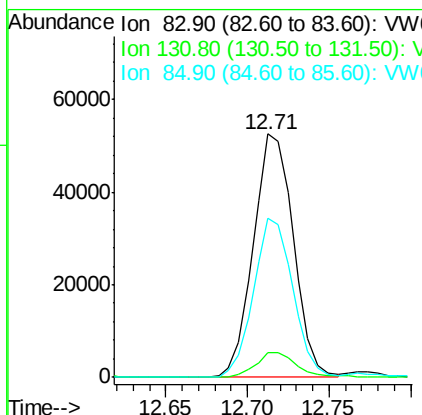
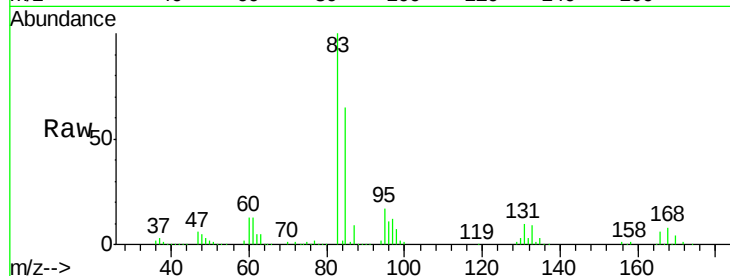
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.980 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	90065
Ion Ratio	100	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	64.0	31.9	95.7

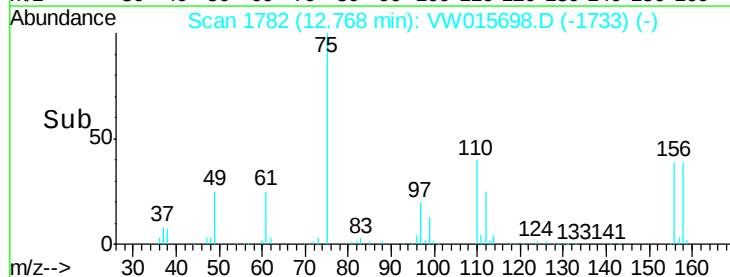
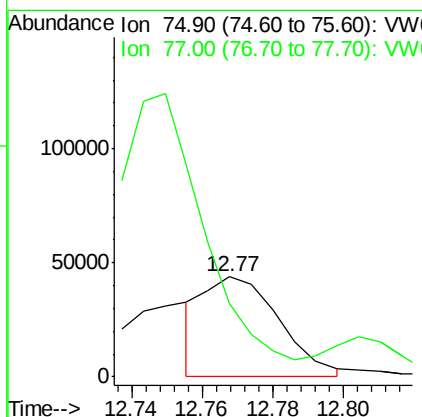
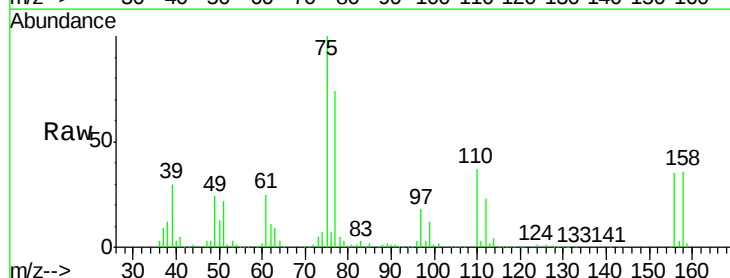
Manual Integrations
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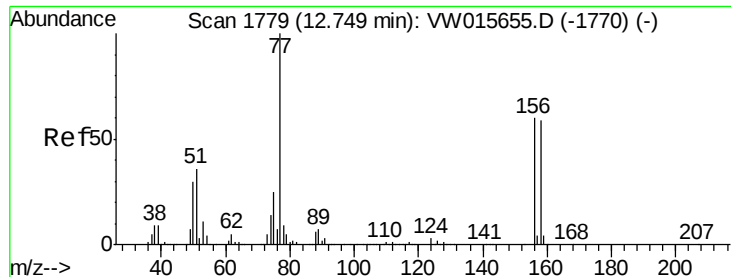
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#76
 1,2,3-Trichloropropane
 Concen: 51.994 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion	75	Resp	64841
Ion Ratio	100	Lower	Upper
75	100		
77	348.9	179.1	537.1





#77

Bromobenzene

Concen: 51.123 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

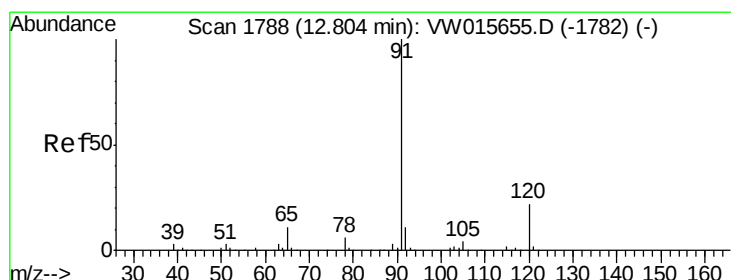
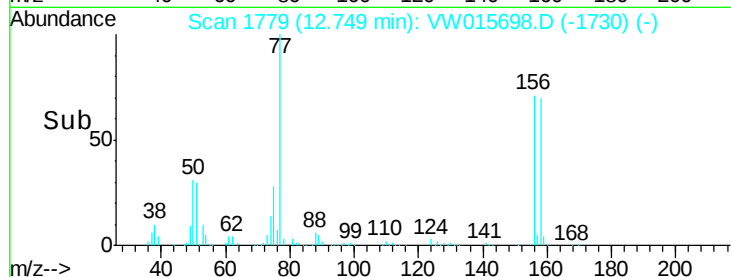
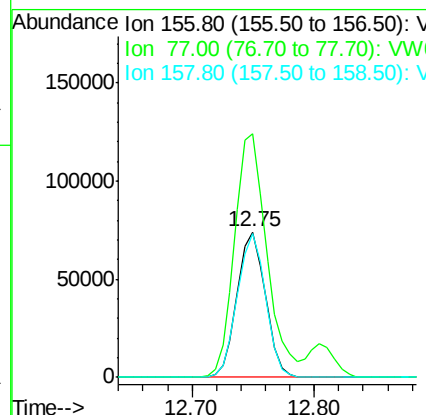
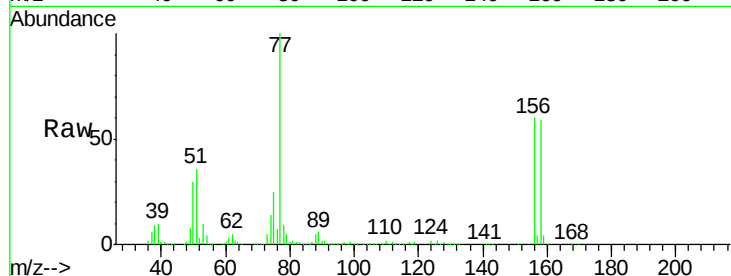
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	118890
Ion Ratio	Lower	Upper	
156	100		
77	190.3	94.5	283.5
158	98.2	47.9	143.6

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#78

n-propylbenzene

Concen: 50.814 ug/l

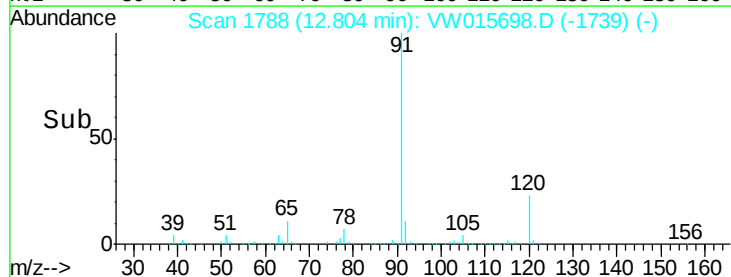
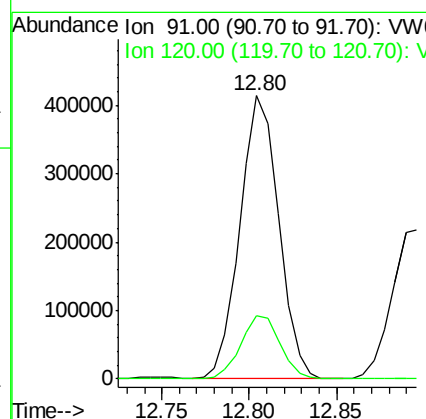
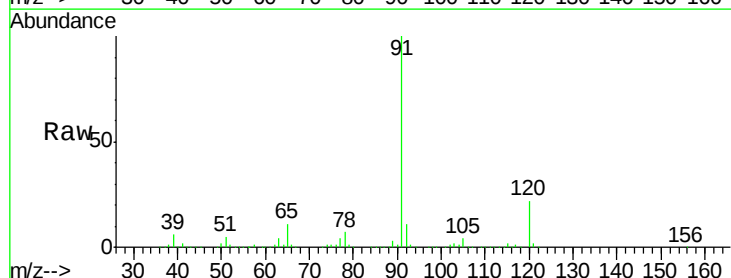
RT: 12.80 min Scan# 1788

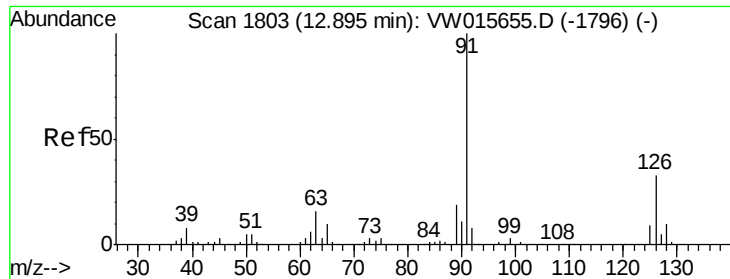
Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion:	91	Resp:	637910
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.2	33.5





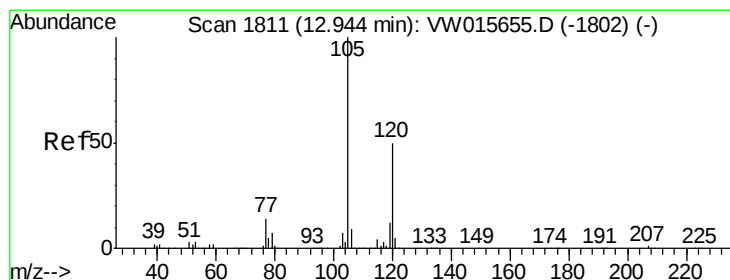
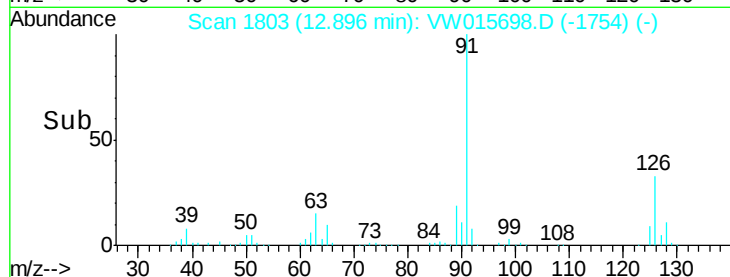
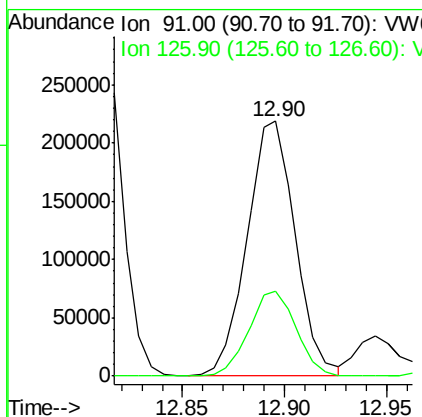
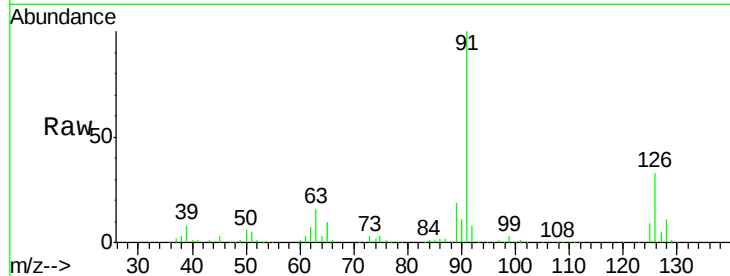
#79
 2-Chlorotoluene
 Concen: 50.658 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 358079
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.6 49.8

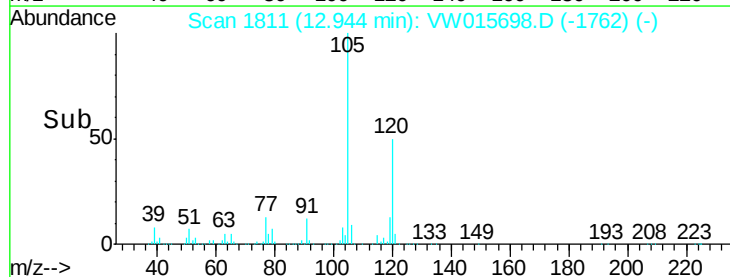
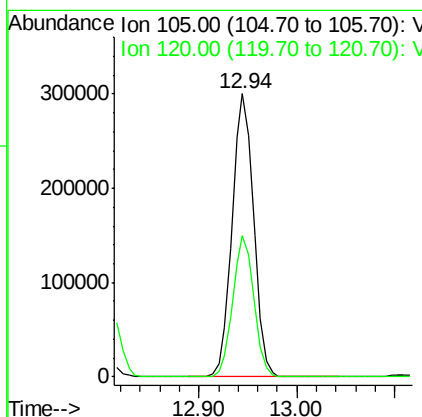
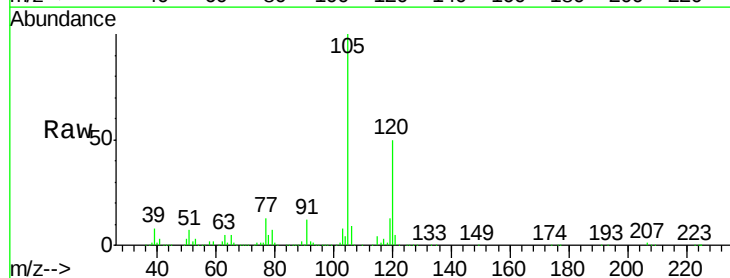
Manual Integrations
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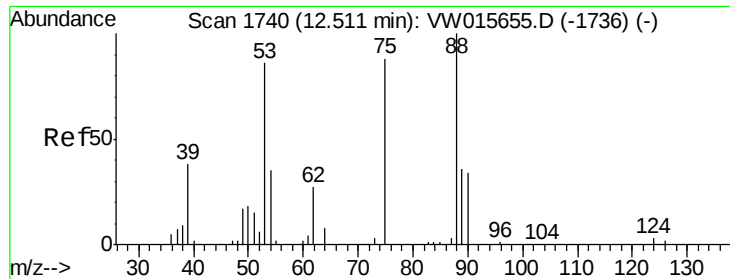
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.840 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 105 Resp: 458120
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





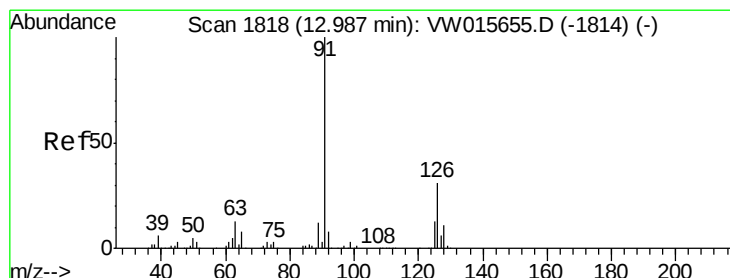
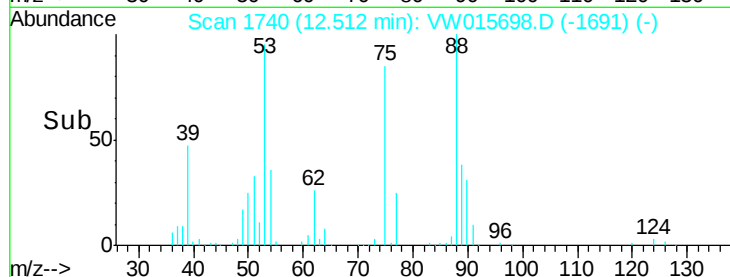
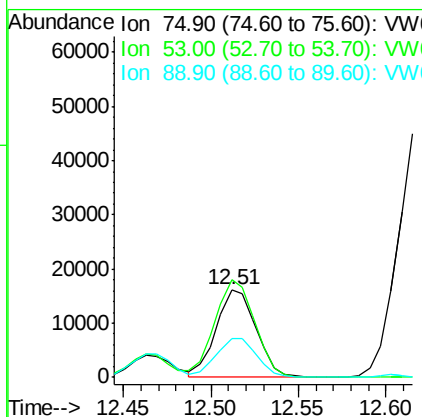
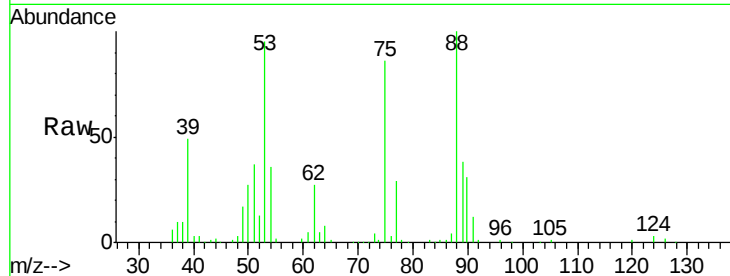
#81
trans-1,4-Dichloro-2-butene
Concen: 51.167 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.6	83.8	125.8
89	46.5	36.6	55.0

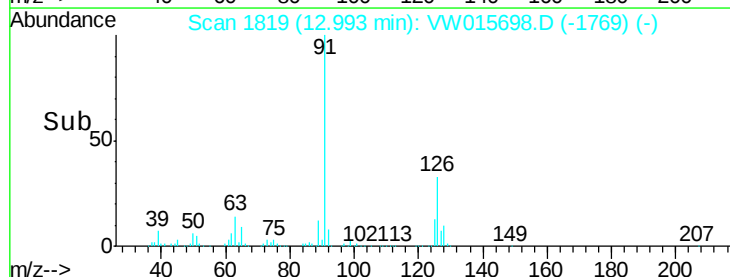
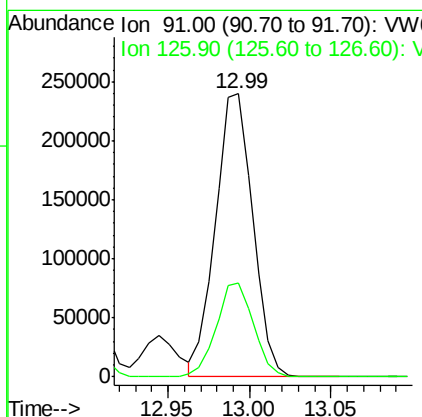
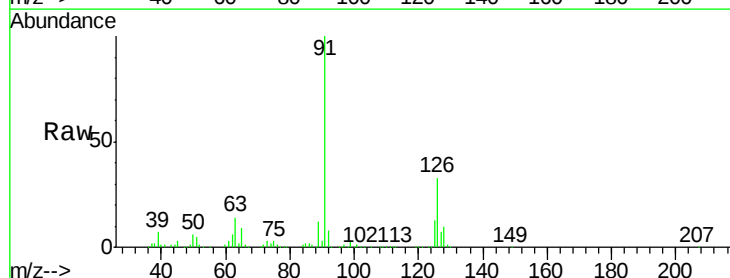
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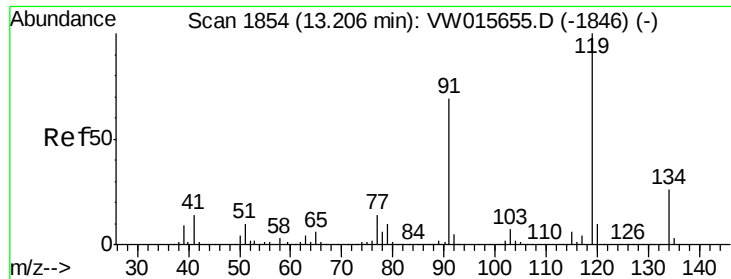
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.057 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.9





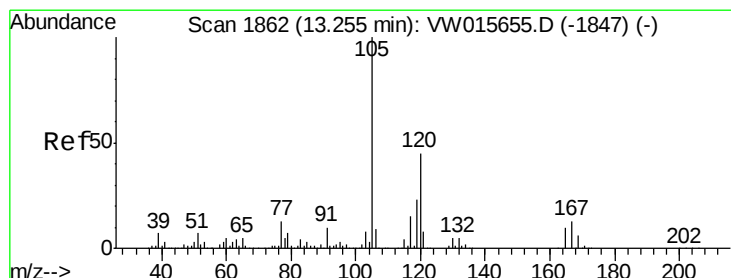
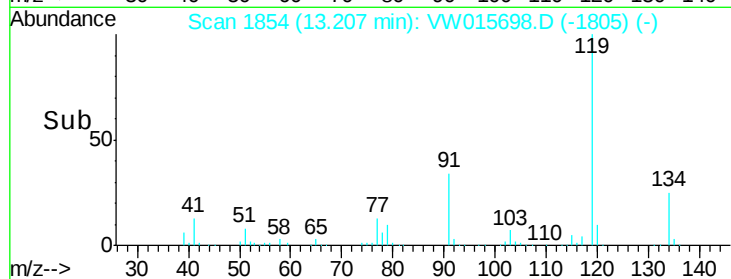
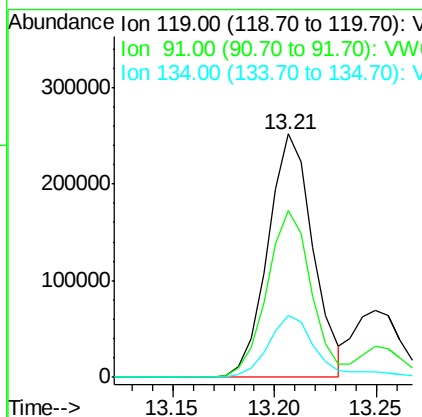
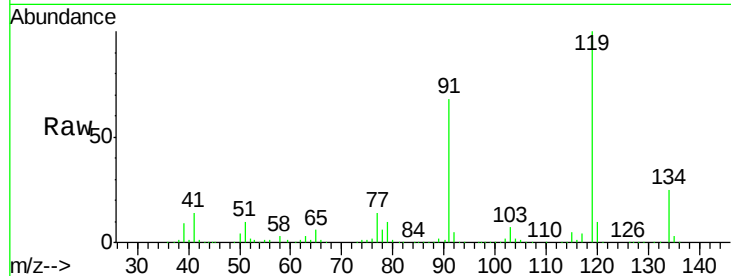
#83
tert-Butylbenzene
Concen: 51.907 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	34.7	104.1
134	27.3	13.8	41.4

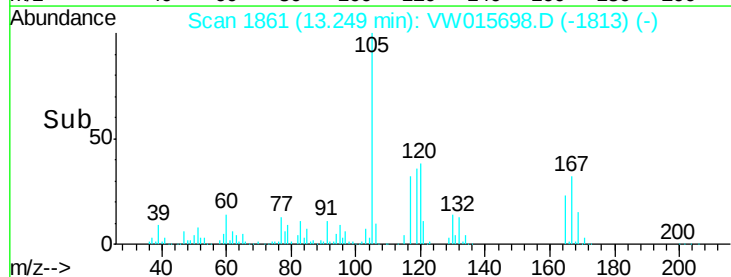
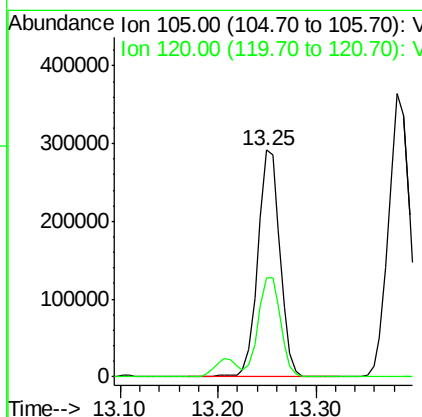
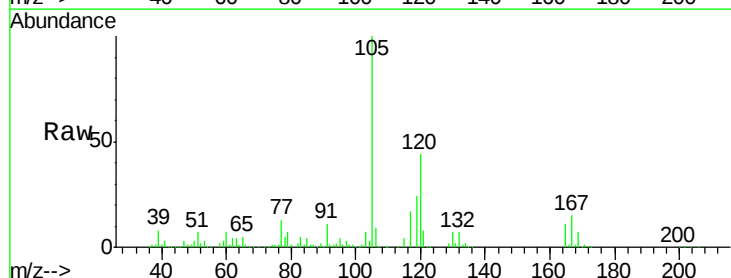
Manual Integrations
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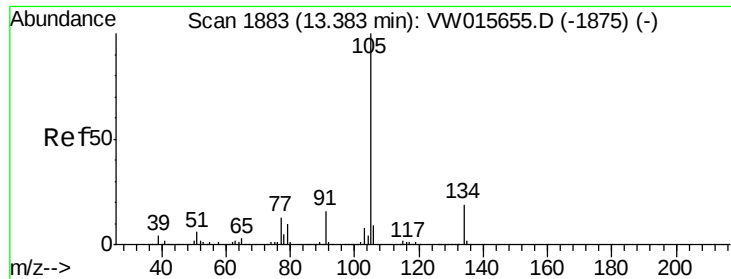
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.071 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.8	68.3





#85

sec-Butylbenzene

Concen: 51.677 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 551469

Ion Ratio Lower Upper

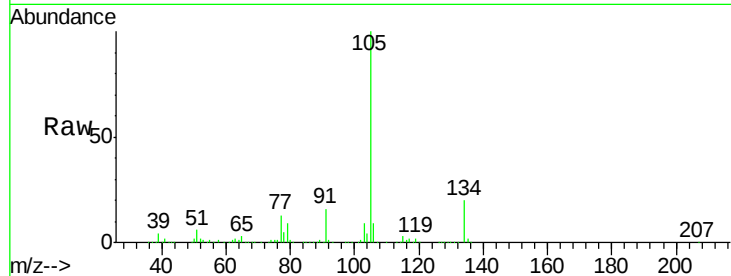
105 100

134 20.0 10.0 29.8

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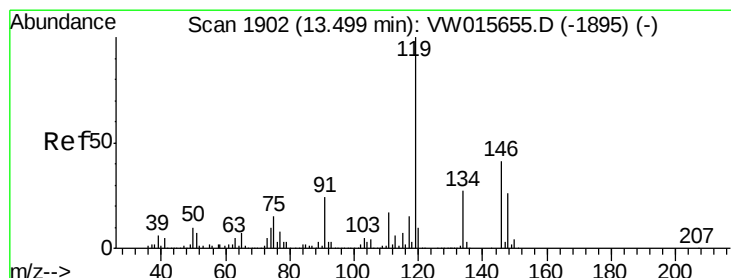
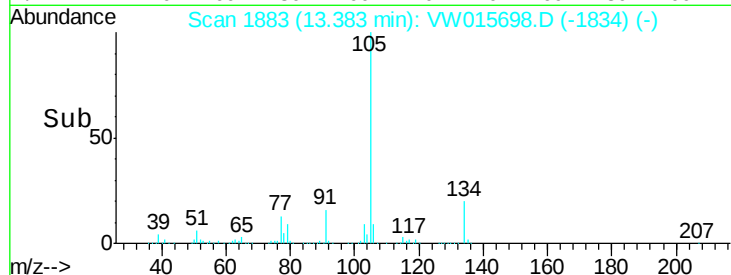
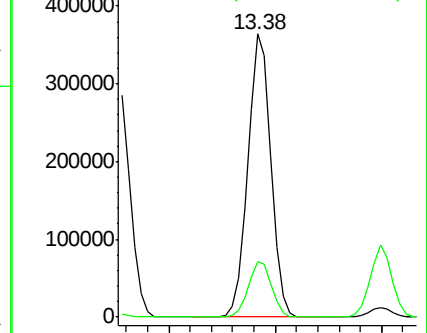
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.830 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

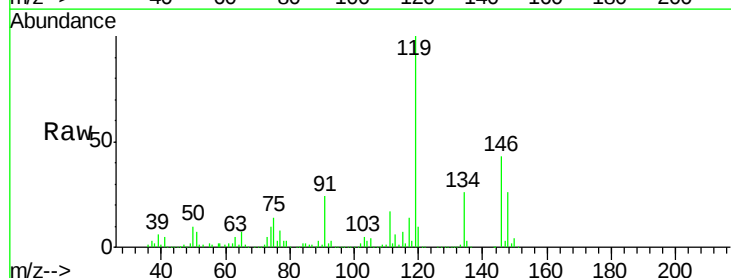
Tgt Ion:119 Resp: 502530

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

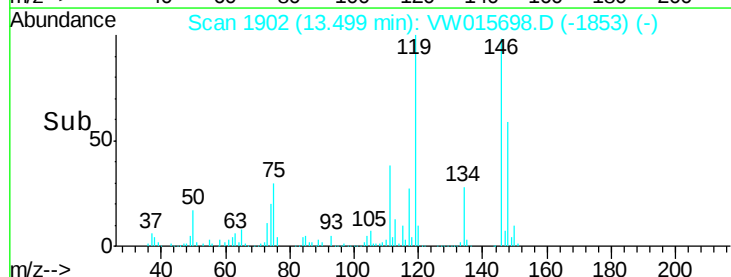
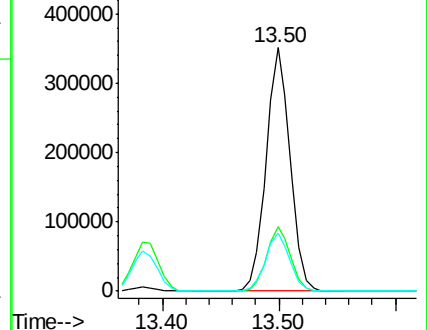
91 23.9 12.3 36.8

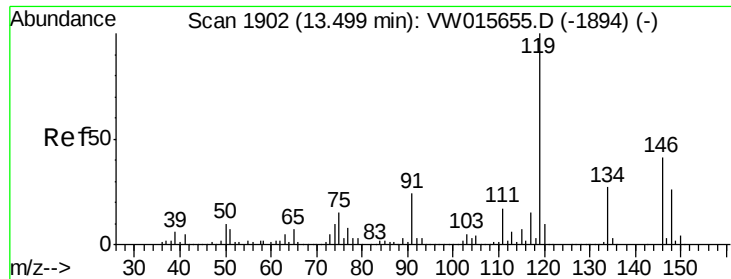


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





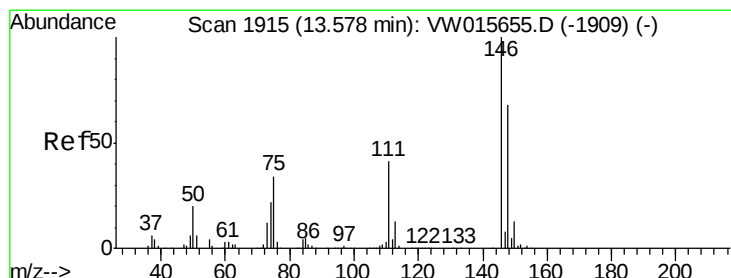
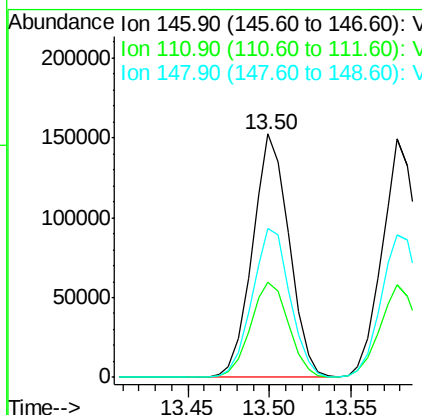
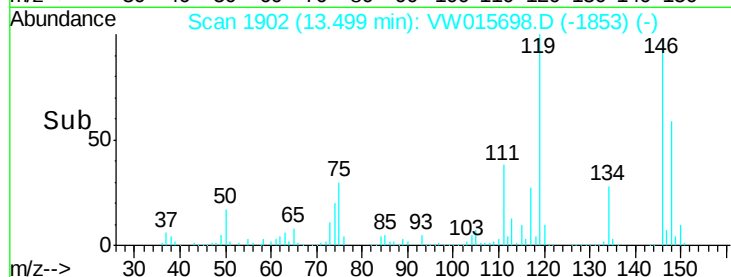
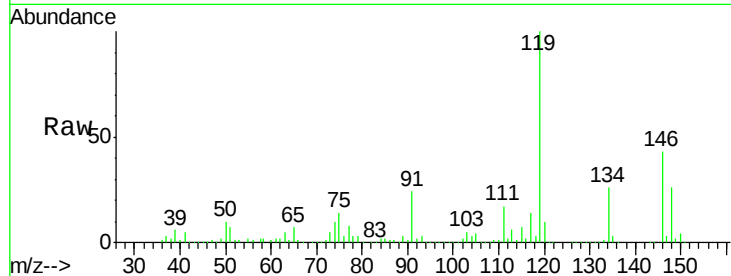
#87
1,3-Dichlorobenzene
Concen: 51.294 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	63.1	31.6	94.7

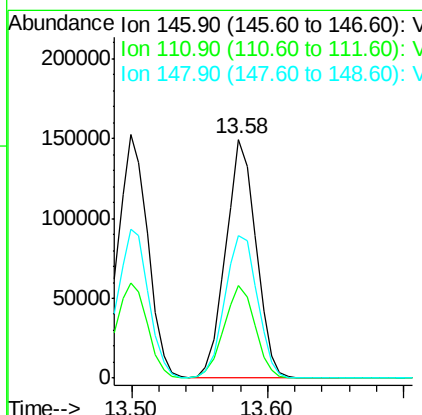
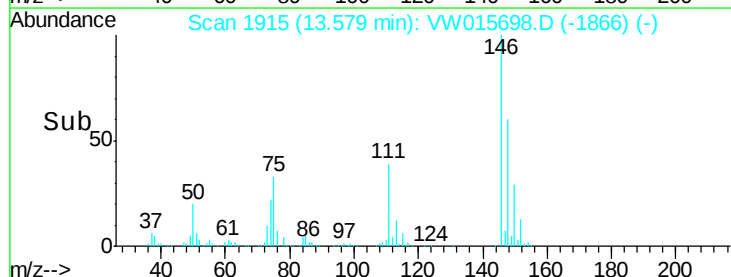
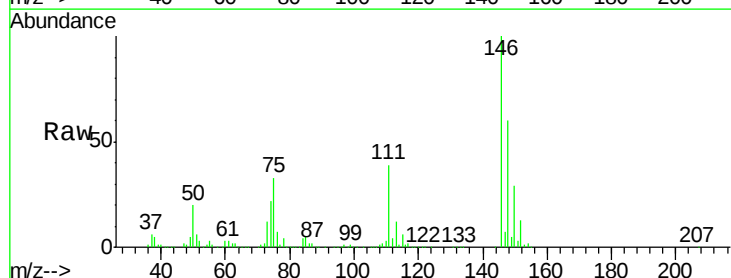
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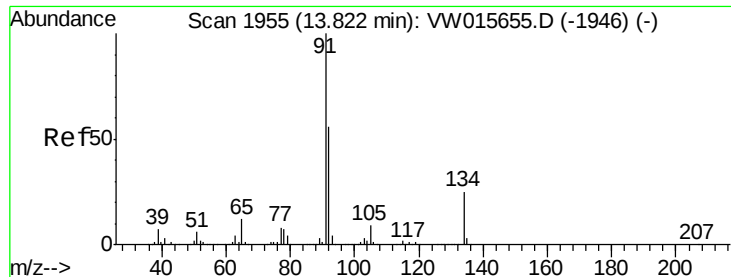
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#88
1,4-Dichlorobenzene
Concen: 50.671 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	64.3	33.7	101.1





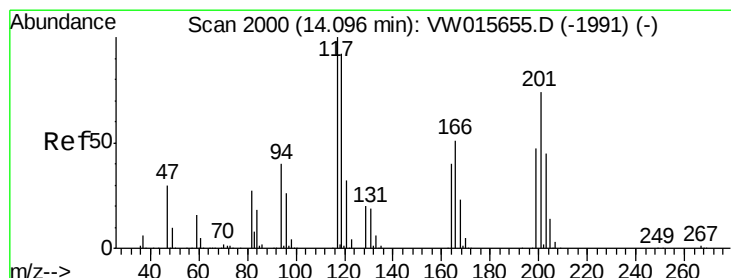
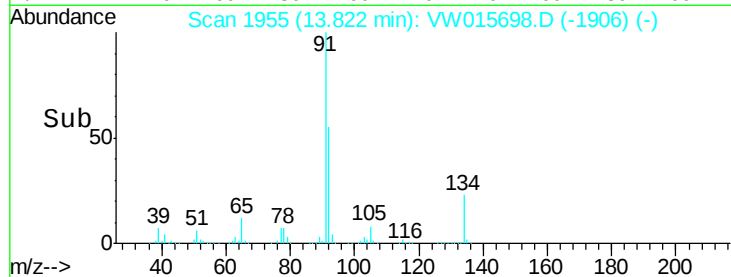
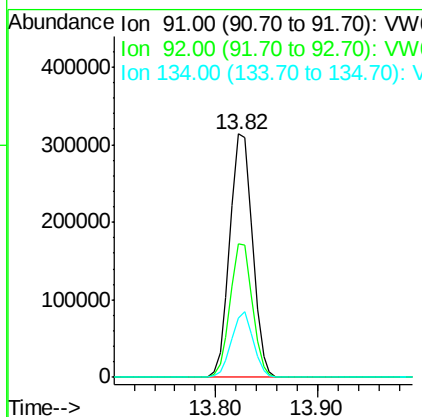
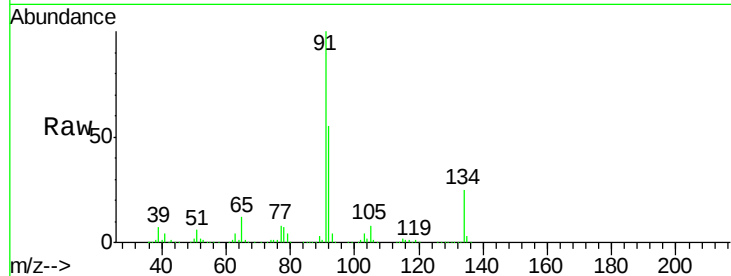
#89
n-Butylbenzene
Concen: 51.592 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	480193		
92	53.8		27.5	82.4
134	25.7		13.0	38.9

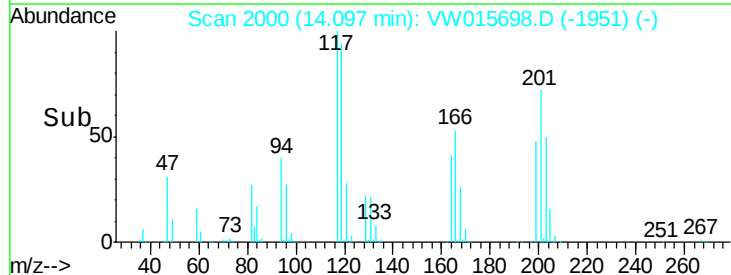
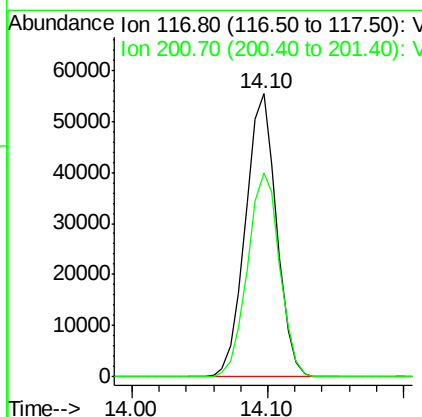
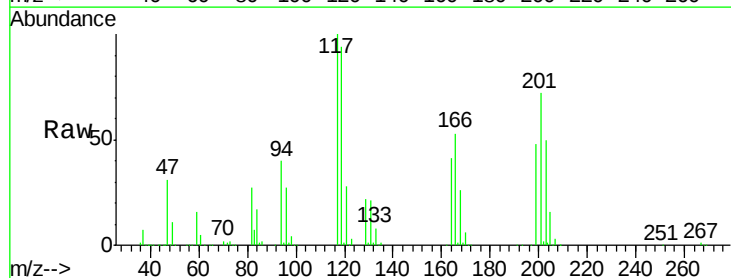
Manual Integrations
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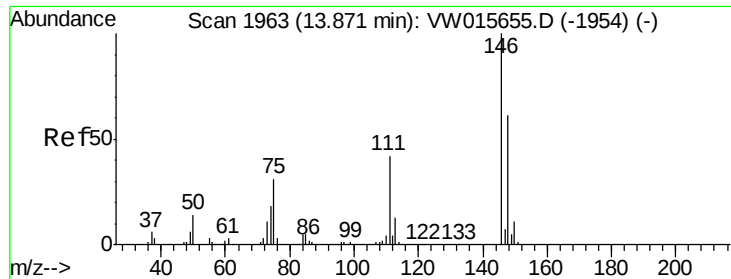
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#90
Hexachloroethane
Concen: 51.394 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88678		
201	74.8		37.1	111.5





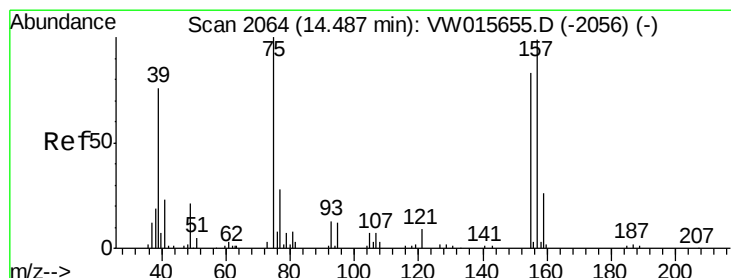
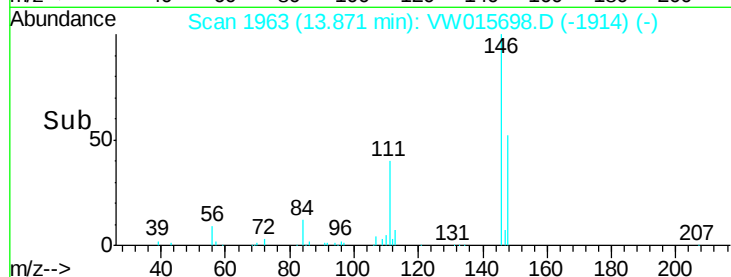
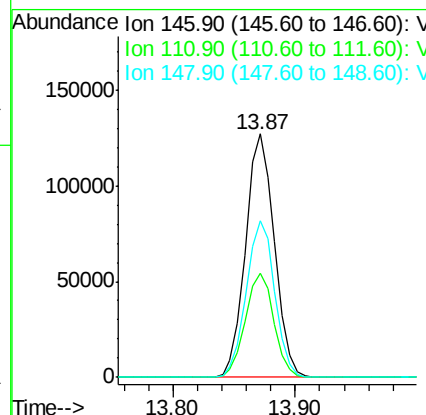
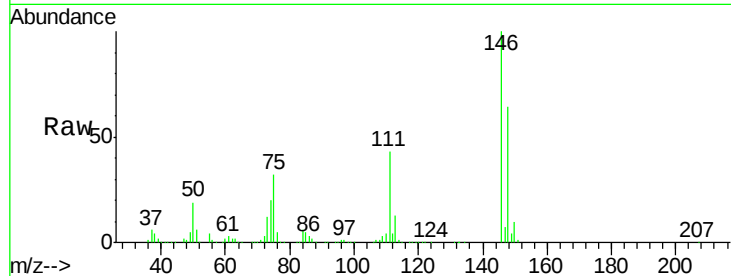
#91
 1,2-Dichlorobenzene
 Concen: 51.821 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	64.0	32.2	96.6

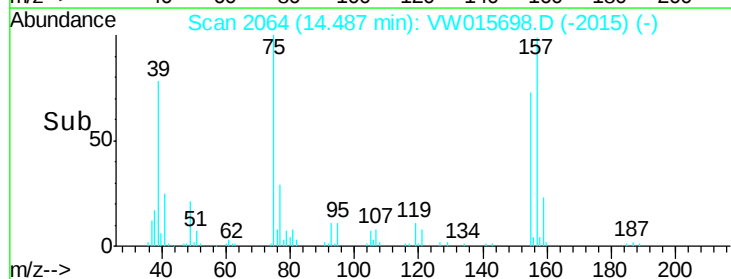
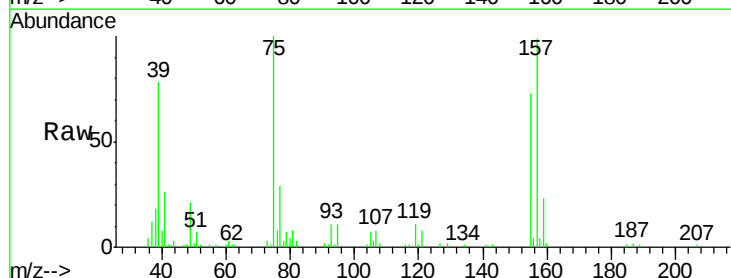
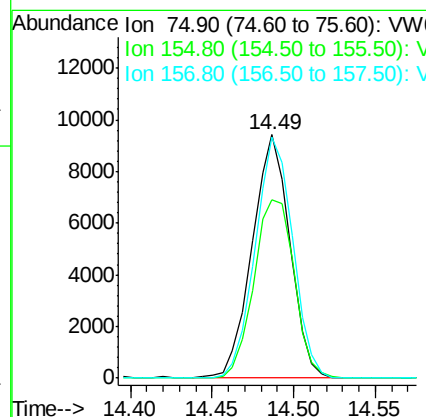
Manual Integrations
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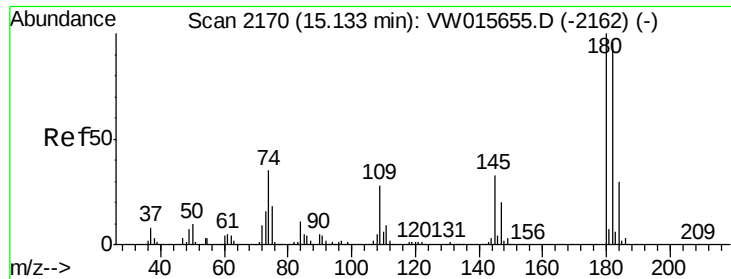
MMDadoda
 6/25/2020 4:18:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.839 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.8	122.2
157	98.5	50.7	152.1





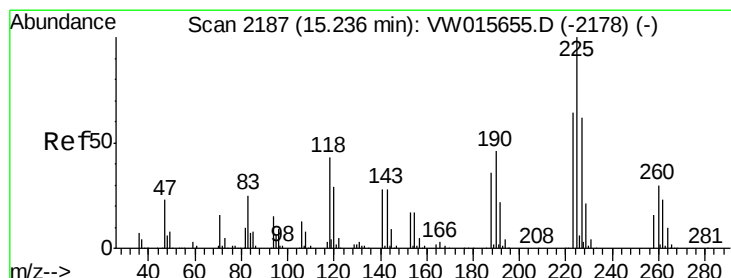
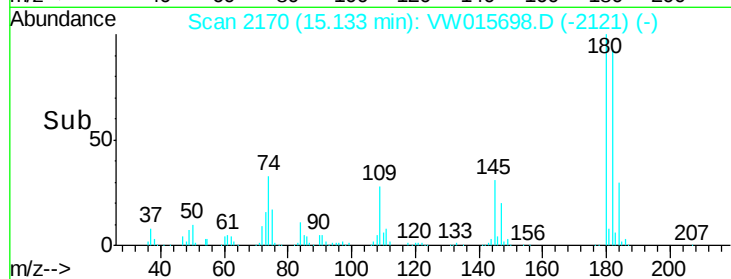
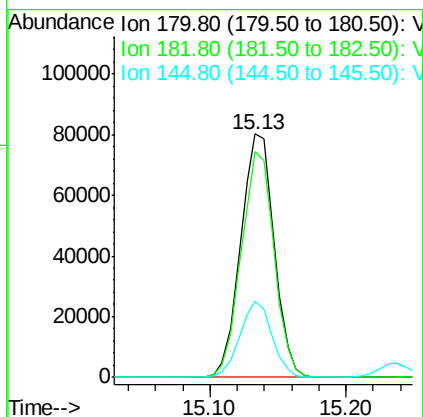
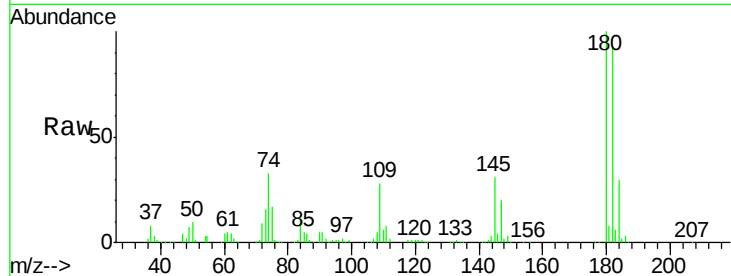
#93
 1,2,4-Trichlorobenzene
 Concen: 52.137 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.9	143.6
145	30.1	15.6	46.7

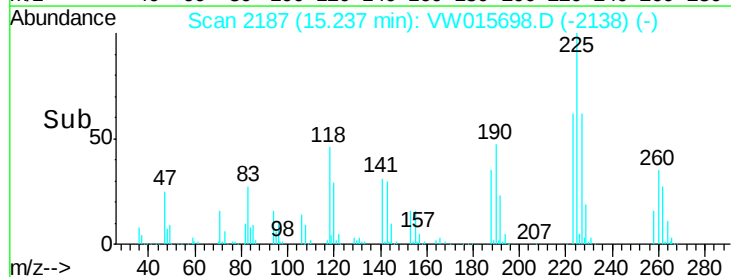
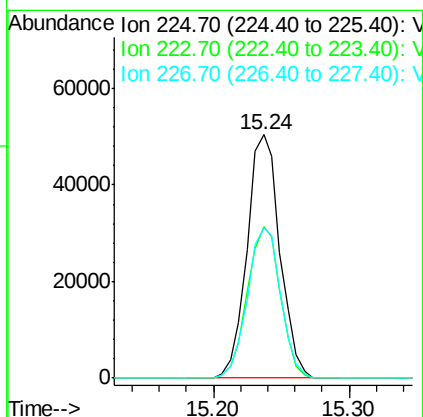
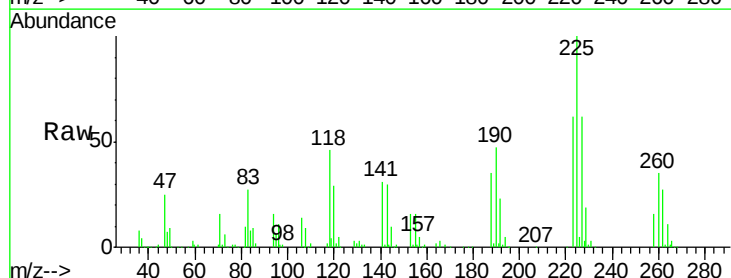
Manual Integrations
 APPROVED

MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 50.714 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.0	93.0
227	62.9	31.9	95.9





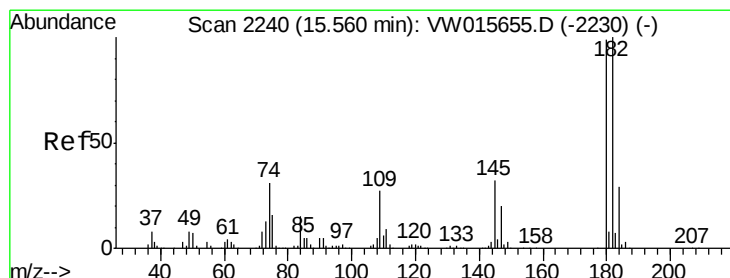
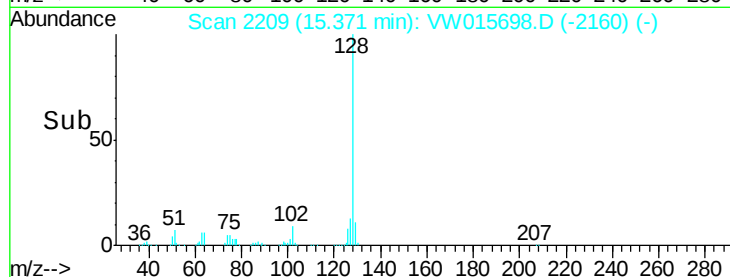
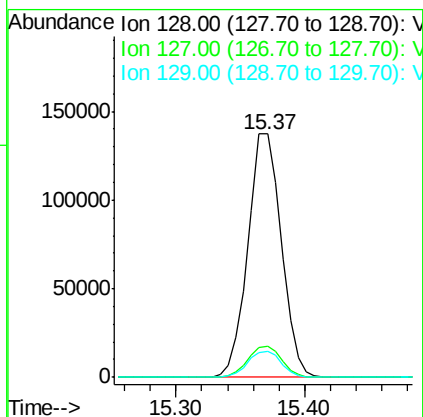
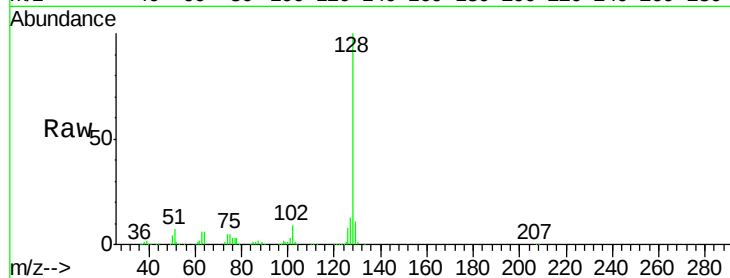
#95
Naphthalene
Concen: 56.461 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.087 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	49.0	147.0
145	31.9	16.4	49.2

