

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015672.D
 Acq On : 24 Jun 2020 10:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:15:22 PM

Quant Time: Jun 25 02:43:03 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	201034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	108104	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	96229	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	385468	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	145909	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68522	57.165	ug/l	97
3) Chloromethane	2.21	50	74362	52.830	ug/l	100
4) Vinyl Chloride	2.37	62	118767	52.193	ug/l	99
5) Bromomethane	2.79	94	91317	54.599	ug/l	99
6) Chloroethane	2.93	64	80219	53.569	ug/l	99
7) Trichlorofluoromethane	3.26	101	91909	53.792	ug/l	100
8) Diethyl Ether	3.68	74	51182	51.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	100127	49.717	ug/l	100
10) Methyl Iodide	4.27	142	139357	48.937	ug/l	99
11) Tert butyl alcohol	5.21	59	26947	212.232	ug/l	98
12) 1,1-Dichloroethene	4.04	96	98171	50.061	ug/l	98
13) Acrolein	3.90	56	39160	252.023	ug/l	97
14) Allyl chloride	4.67	41	156345	49.141	ug/l	99
15) Acrylonitrile	5.37	53	96391	236.762	ug/l	98
16) Acetone	4.14	43	115520	271.672	ug/l	99
17) Carbon Disulfide	4.38	76	292717	51.863	ug/l	98
18) Methyl Acetate	4.68	43	42431	48.048	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145032	49.142	ug/l	98
20) Methylene Chloride	4.92	84	112625	54.799	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	111665	49.666	ug/l	99
22) Diisopropyl ether	6.31	45	312262	49.348	ug/l	96
23) Vinyl Acetate	6.26	43	941603	255.171	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195948	49.194	ug/l	99
25) 2-Butanone	7.18	43	142944	248.730	ug/l	100
26) 2,2-Dichloropropane	7.17	77	128538	48.114	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	120082	49.649	ug/l	99
28) Bromochloromethane	7.51	49	75461	49.251	ug/l	97
29) Tetrahydrofuran	7.54	42	80457	238.239	ug/l	99
30) Chloroform	7.68	83	198985	48.711	ug/l	97
31) Cyclohexane	7.96	56	184724	47.943	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	173594	49.853	ug/l	98
36) 1,1-Dichloropropene	8.09	75	166078	51.474	ug/l	100
37) Ethyl Acetate	7.26	43	58670	47.624	ug/l	98
38) Carbon Tetrachloride	8.07	117	162880	52.078	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203971	52.193	ug/l	99
40) Benzene	8.32	78	442965	50.492	ug/l	100
41) Methacrylonitrile	7.48	41	38106	53.895	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	136659	50.352	ug/l	100
43) Isopropyl Acetate	8.43	43	120673	49.085	ug/l	100
44) Trichloroethene	9.09	130	115321	48.768	ug/l	98
45) 1,2-Dichloropropane	9.37	63	108329	50.517	ug/l	99
46) Dibromomethane	9.46	93	55664	50.170	ug/l	99
47) Bromodichloromethane	9.65	83	147233	50.874	ug/l	98
48) Methyl methacrylate	9.44	41	56342	50.128	ug/l	99
49) 1,4-Dioxane	9.47	88	14507	996.715	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	295746	249.452	ug/l	99
52) Toluene	10.39	92	291250	51.414	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	143273	51.245	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	169928	50.877	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	76659	49.694	ug/l	98
56) Ethyl methacrylate	10.65	69	98540	51.339	ug/l	96
57) 1,3-Dichloropropane	10.93	76	137426	50.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	258908	285.044	ug/l	100
59) 2-Hexanone	10.97	43	209566	259.641	ug/l	100
60) Dibromochloromethane	11.13	129	93510	52.018	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74214	50.330	ug/l	99
64) Tetrachloroethene	10.87	164	98380	48.397	ug/l	97
65) Chlorobenzene	11.66	112	300154	49.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108867	50.895	ug/l	99
67) Ethyl Benzene	11.73	91	576137	50.745	ug/l	100
68) m/p-Xylenes	11.84	106	440929	103.425	ug/l	100
69) o-Xylene	12.17	106	201013	51.280	ug/l	99
70) Styrene	12.18	104	348325	52.010	ug/l	99
71) Bromoform	12.35	173	51021	51.841	ug/l #	97
73) Isopropylbenzene	12.47	105	571171	49.929	ug/l	99
74) N-amyl acetate	12.27	43	118385	48.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	87932	48.048	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64387m	47.071	ug/l	
77) Bromobenzene	12.75	156	123475	48.406	ug/l	98
78) n-propylbenzene	12.80	91	685564	49.788	ug/l	99
79) 2-Chlorotoluene	12.90	91	383949	49.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	489828	50.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27041	49.818	ug/l	97
82) 4-Chlorotoluene	12.99	91	407771	49.714	ug/l	100
83) tert-Butylbenzene	13.21	119	409498	49.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	487164	50.396	ug/l	99
85) sec-Butylbenzene	13.38	105	592539	50.623	ug/l	100
86) p-Isopropyltoluene	13.50	119	546563	51.394	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	252988	49.961	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	249707	49.790	ug/l	95
89) n-Butylbenzene	13.82	91	526044	51.527	ug/l	99
90) Hexachloroethane	14.10	117	95508	50.465	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	216723	49.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14441	49.278	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	147292	50.944	ug/l	96
94) Hexachlorobutadiene	15.24	225	89262	48.462	ug/l	98
95) Naphthalene	15.37	128	240859	50.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	122278	49.122	ug/l	99

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

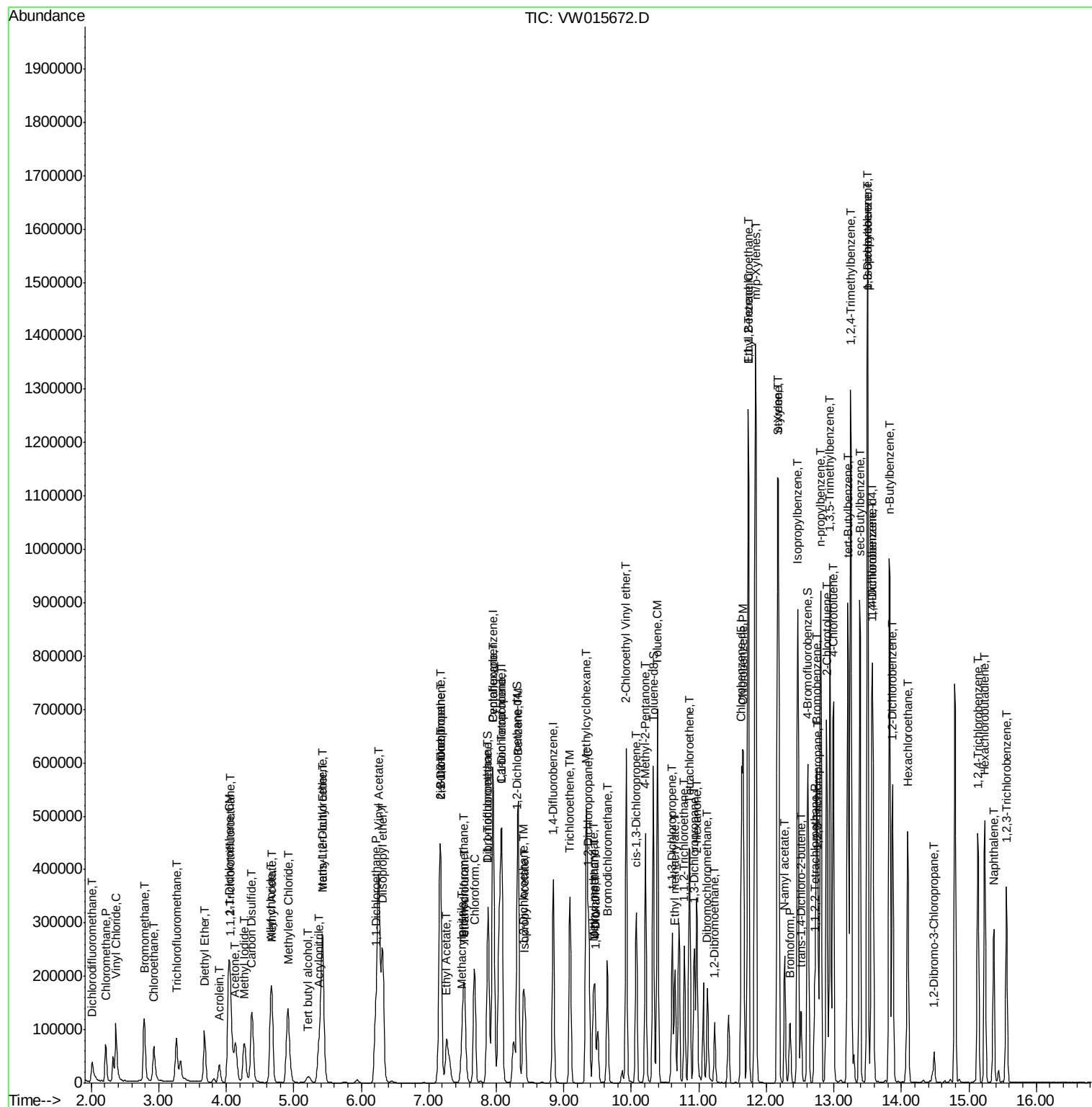
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\
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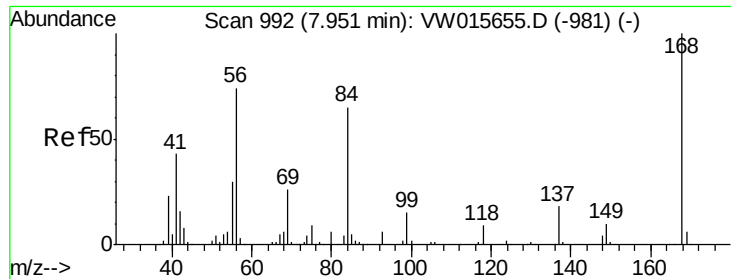
Instrument :
MSVOA_W
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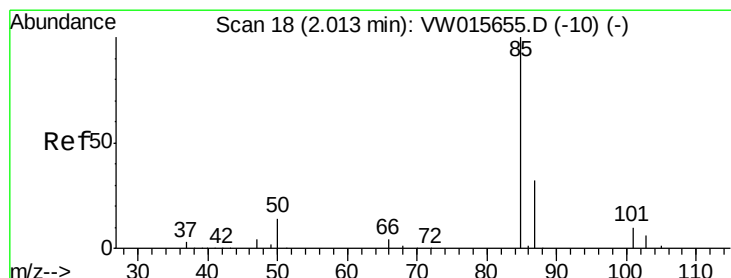
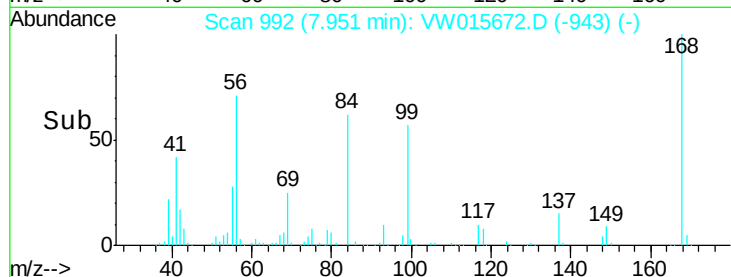
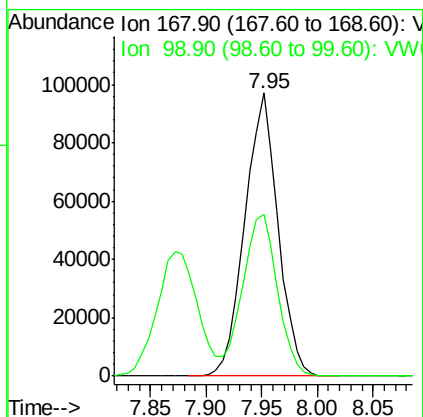
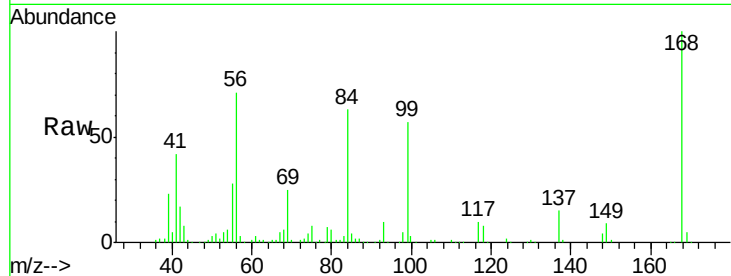
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 201034
Ion Ratio Lower Upper
168 100
99 57.2 48.6 73.0

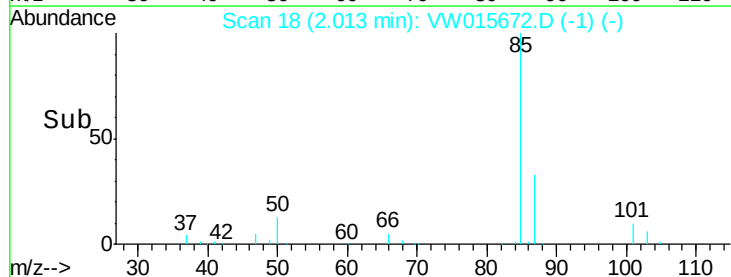
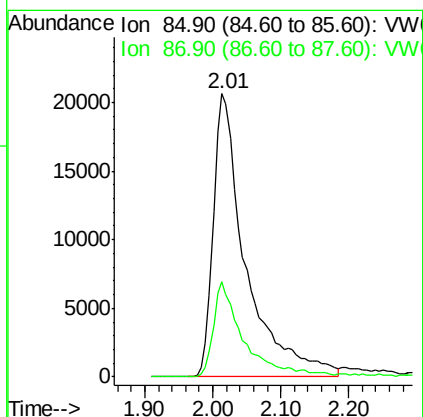
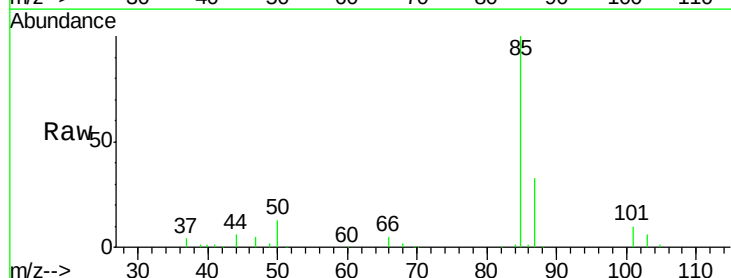
Manual Integrations
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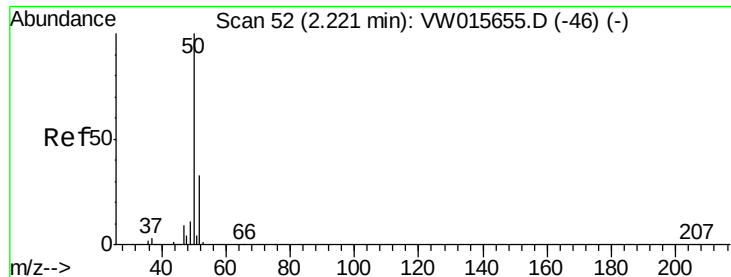
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#2
Dichlorodifluoromethane
Concen: 57.165 ug/l
RT: 2.01 min Scan# 18
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 85 Resp: 68522
Ion Ratio Lower Upper
85 100
87 33.4 15.9 47.6





#3

Chloromethane

Concen: 52.830 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 74362

Ion Ratio Lower Upper

50 100

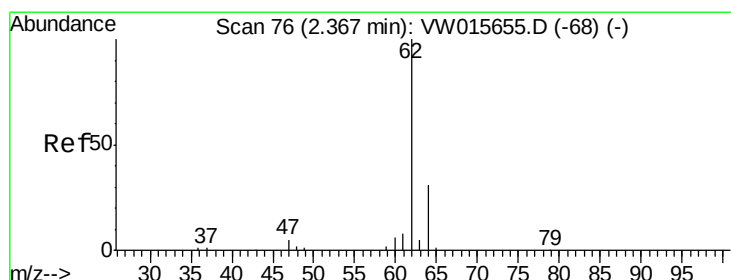
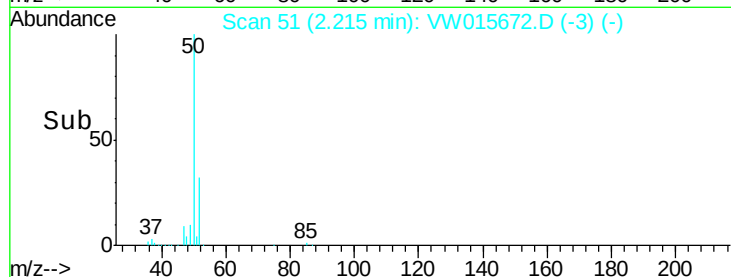
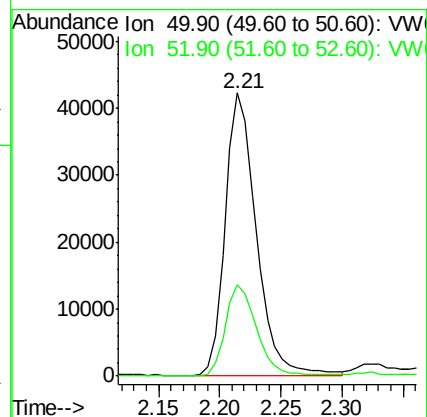
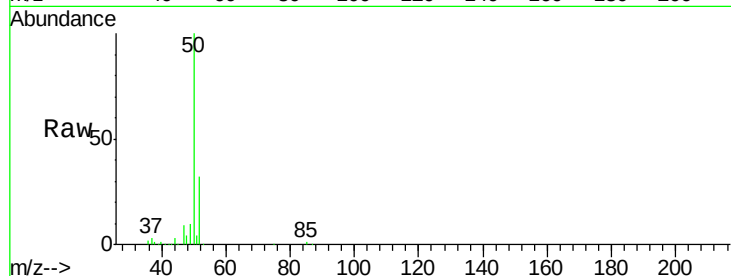
52 32.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.193 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015672.D

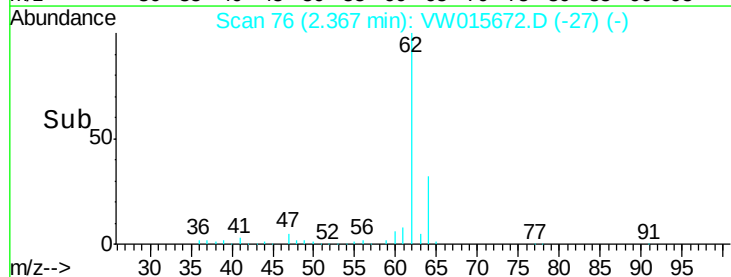
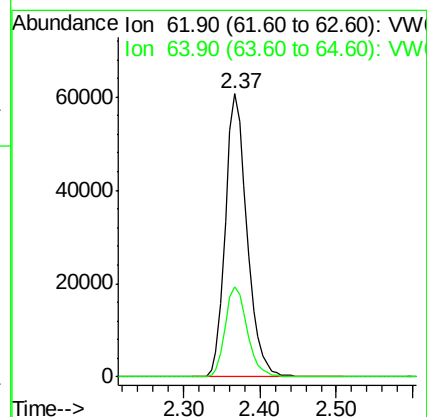
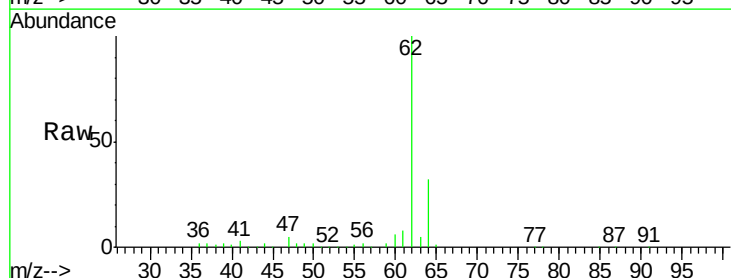
Acq: 24 Jun 2020 10:16

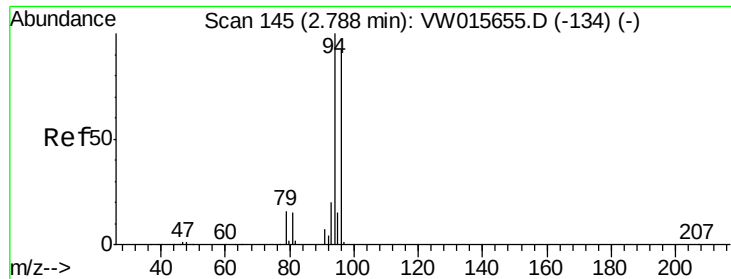
Tgt Ion: 62 Resp: 118767

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 54.599 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91317

Ion Ratio Lower Upper

94 100

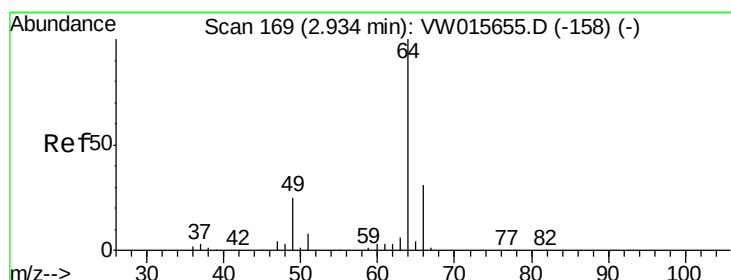
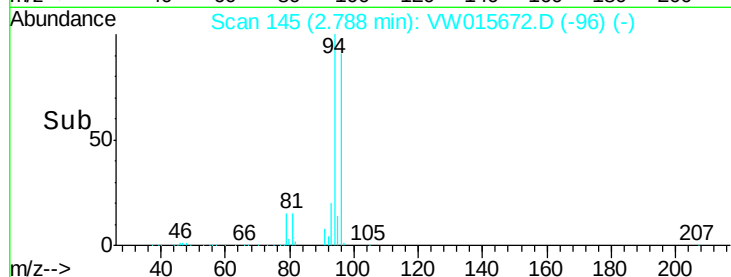
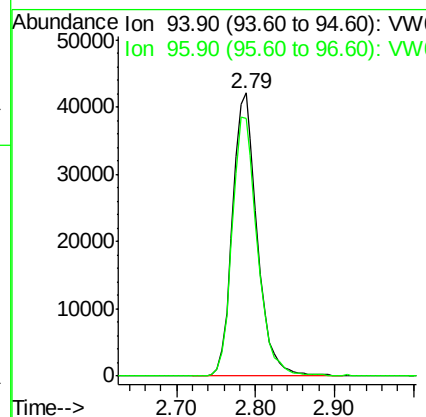
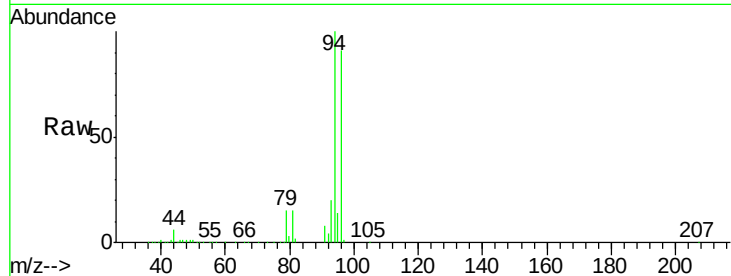
96 91.1 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 53.569 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015672.D

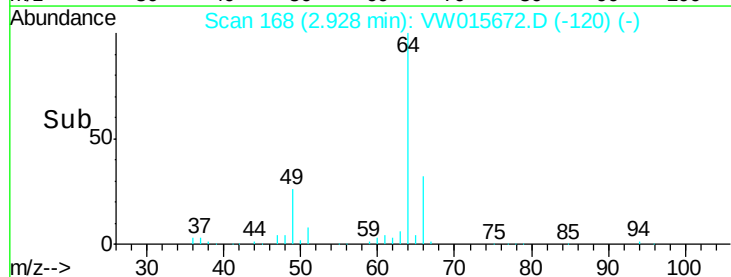
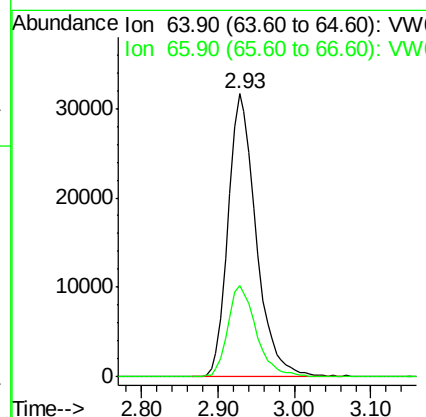
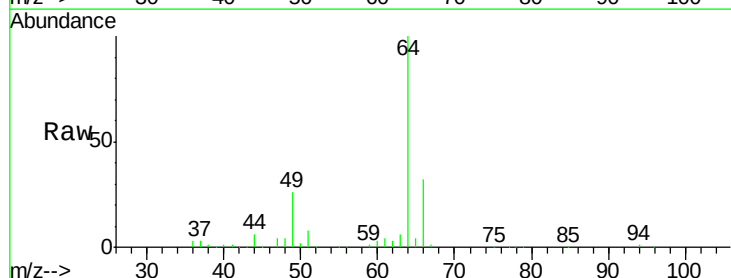
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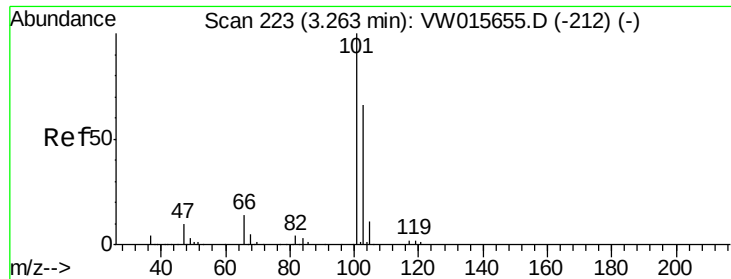
Tgt Ion: 64 Resp: 80219

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

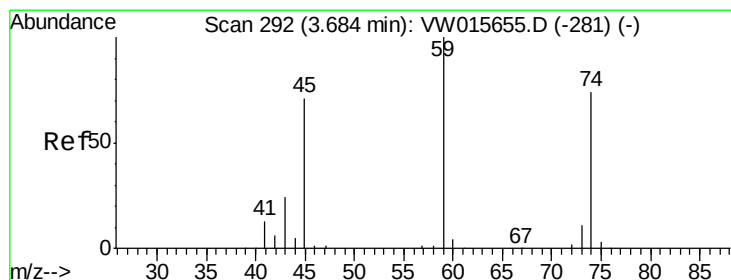
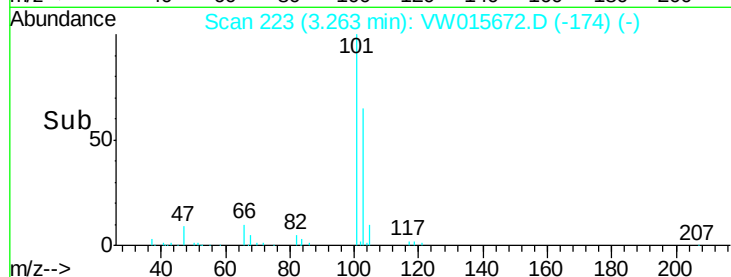
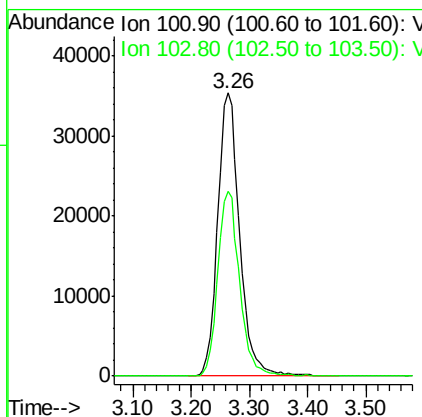
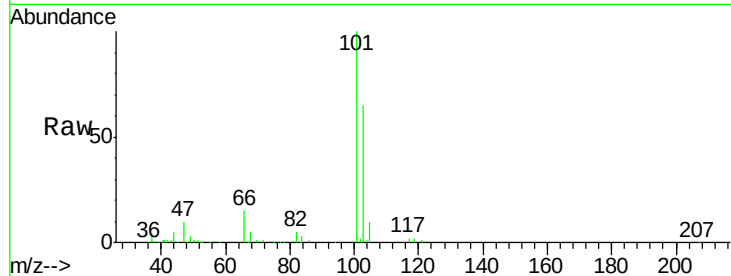
Trichlorofluoromethane
Concen: 53.792 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.6	78.8

Manual Integrations
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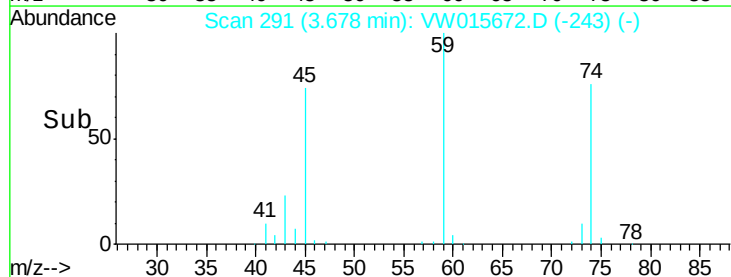
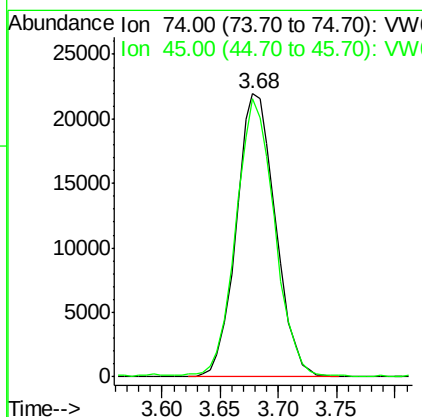
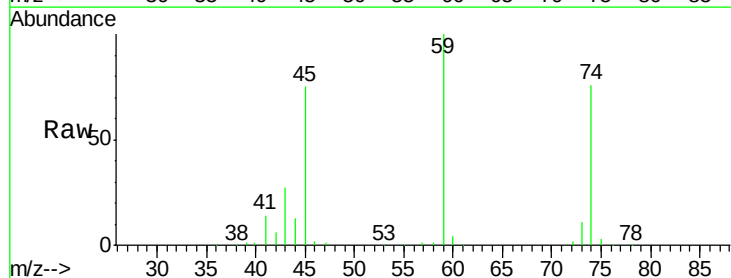
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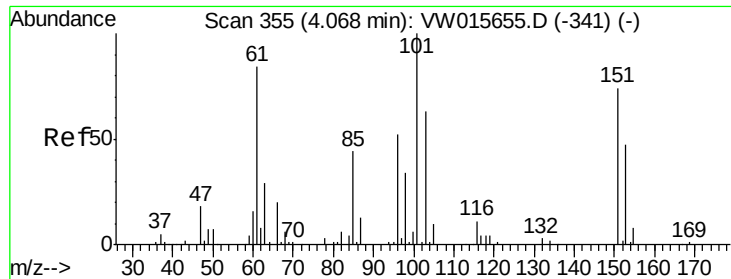


#8

Diethyl Ether
Concen: 51.869 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.717 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015672.D

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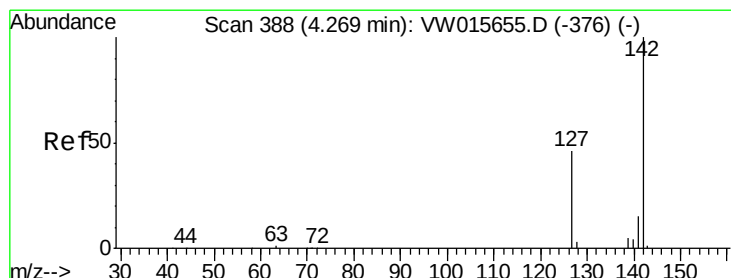
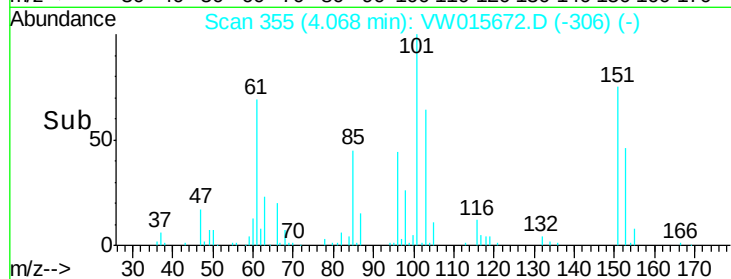
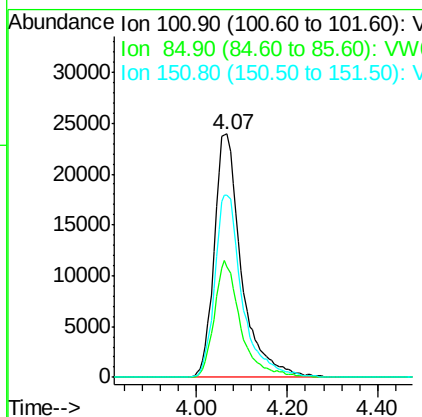
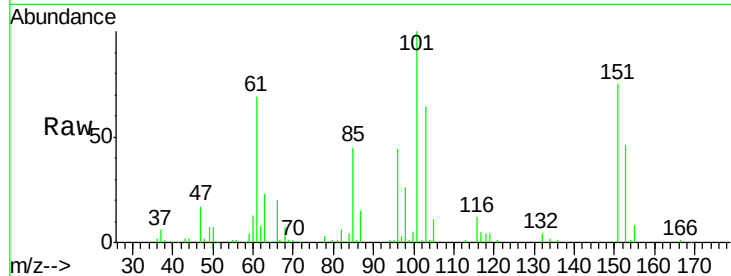
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	100127
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.6	55.0
151	75.7	60.4	90.6

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 48.937 ug/l

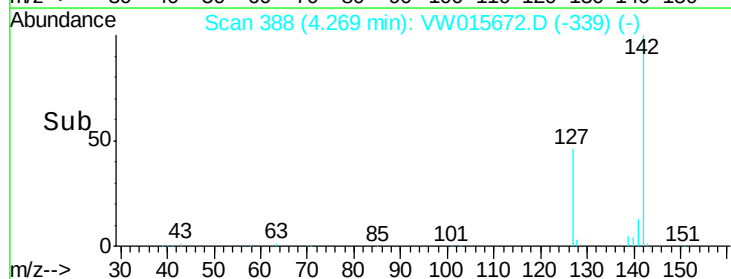
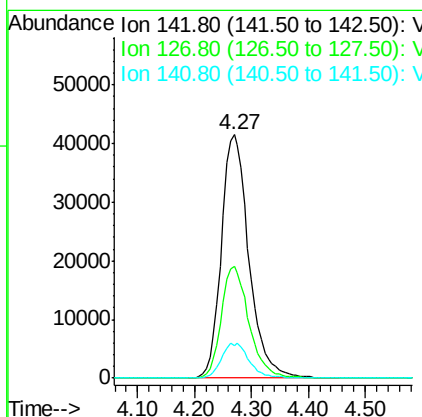
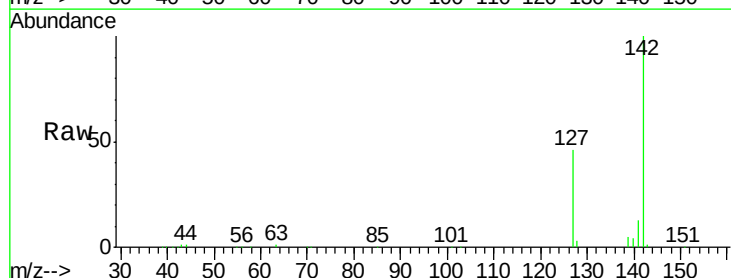
RT: 4.27 min Scan# 388

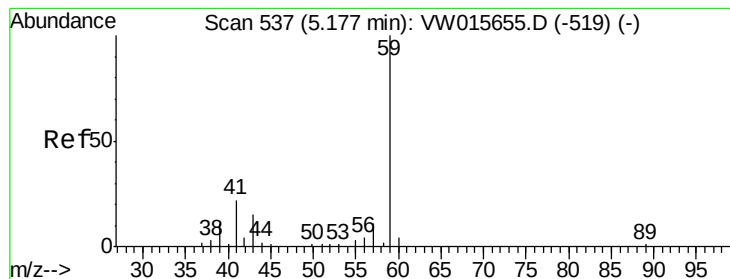
Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion:	142	Resp:	139357
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.4	54.6
141	14.6	11.6	17.4





#11

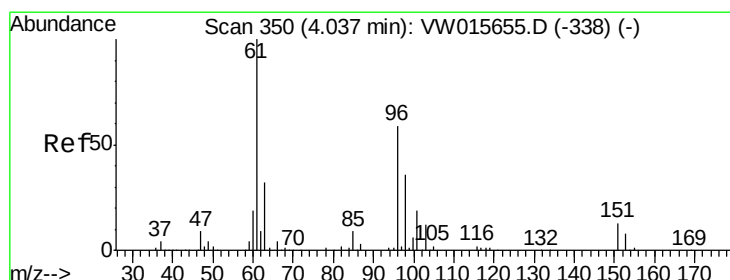
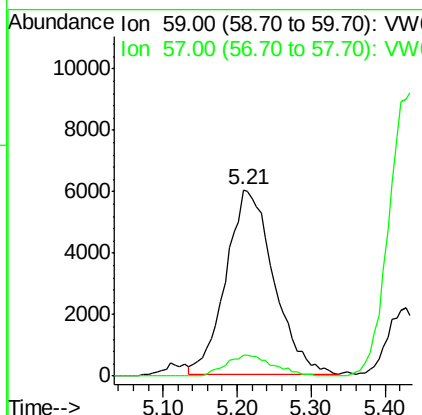
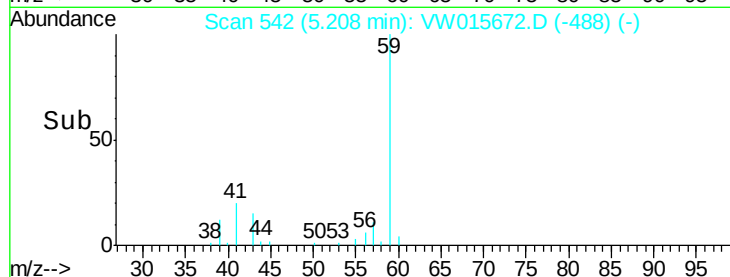
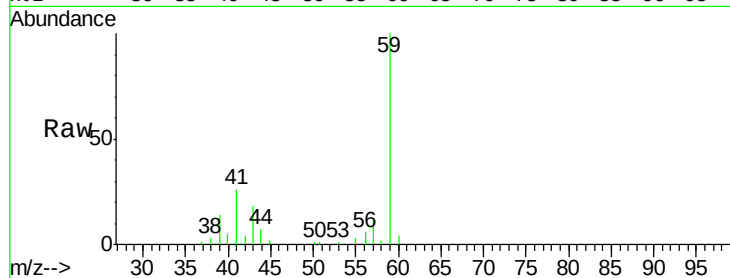
Tert butyl alcohol
Concen: 212.232 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.03 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

Manual Integrations
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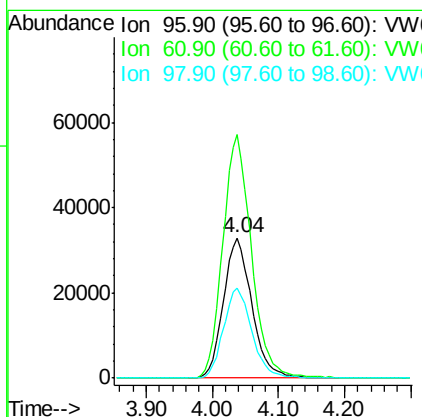
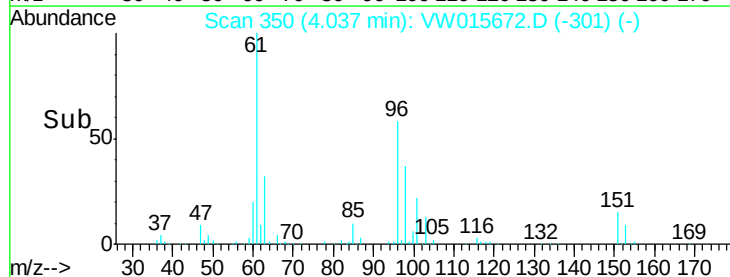
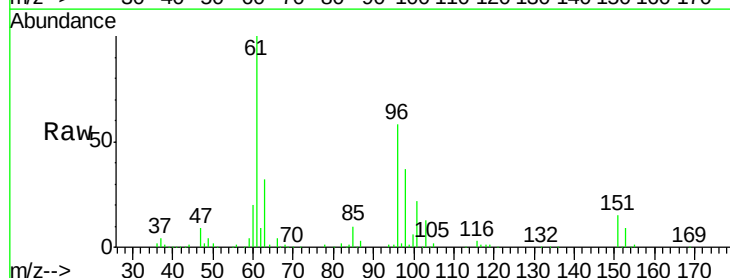
MMDadoda
6/25/2020 4:15:22 PM

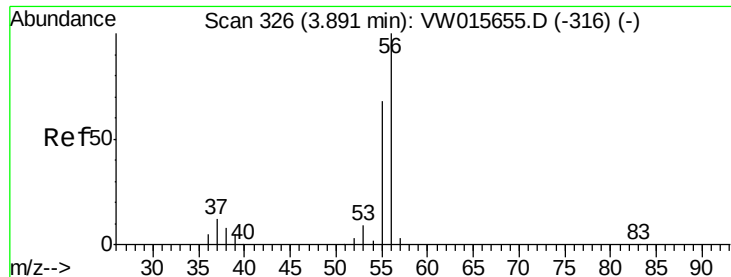


#12

1,1-Dichloroethene
Concen: 50.061 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.6	136.7	205.1
98	64.6	49.2	73.8





#13

Acrolein

Concen: 252.023 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 39160

Ion Ratio Lower Upper

56 100

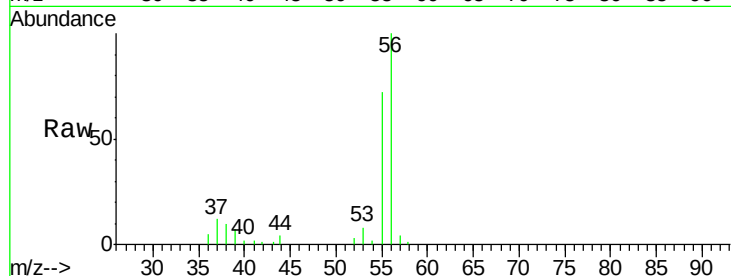
55 72.6 56.2 84.2

Manual Integrations

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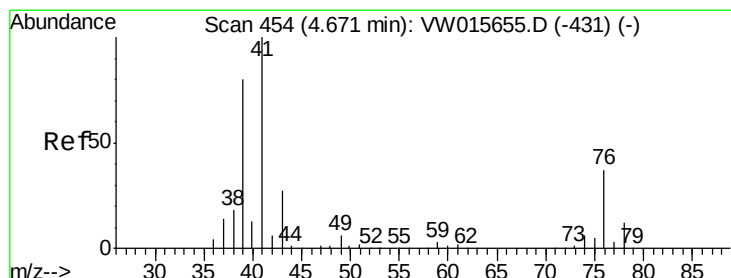
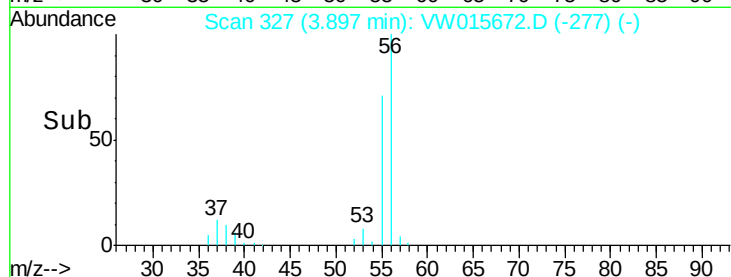
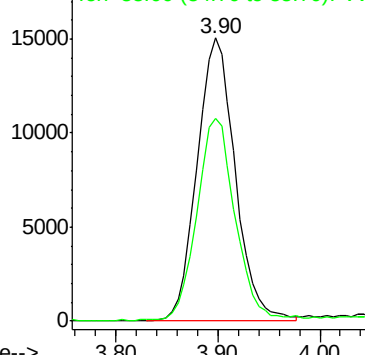
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.141 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

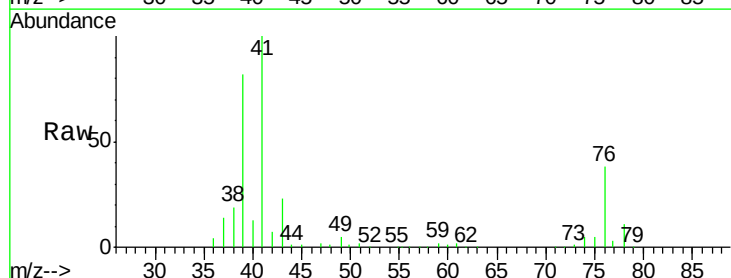
Tgt Ion: 41 Resp: 156345

Ion Ratio Lower Upper

41 100

39 81.5 64.6 97.0

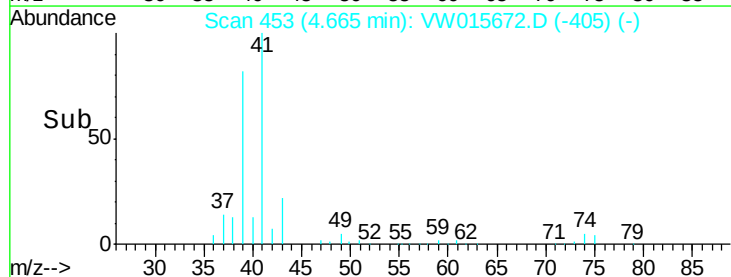
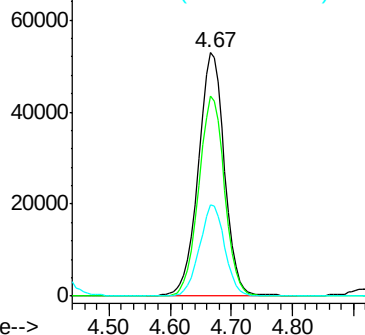
76 36.3 29.1 43.7

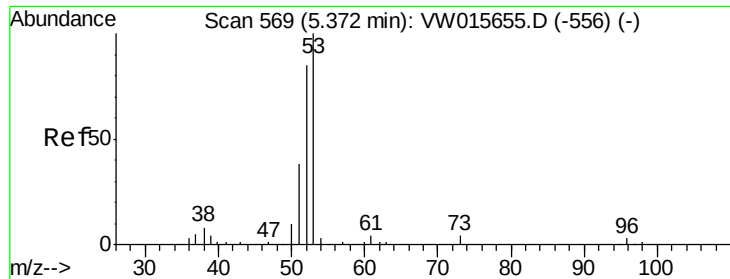


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 236.762 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

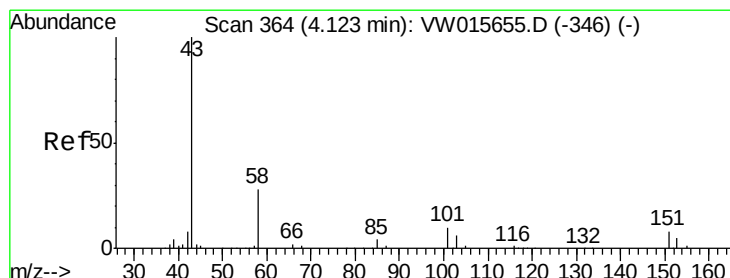
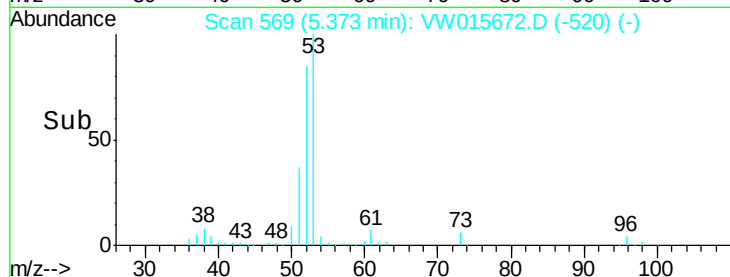
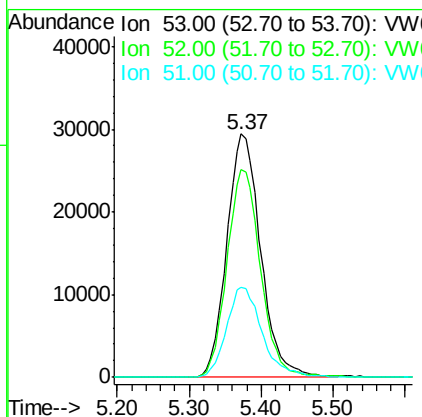
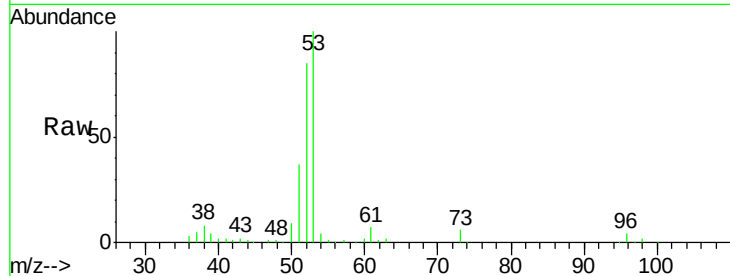
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96391
Ion Ratio	Lower	Upper	
53	100		
52	84.1	65.8	98.6
51	38.8	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 271.672 ug/l

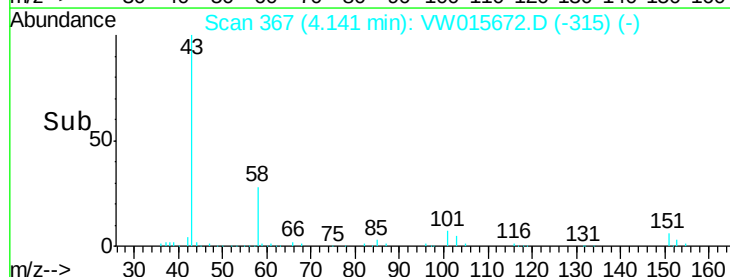
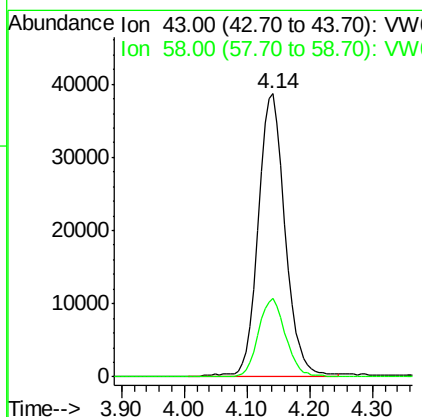
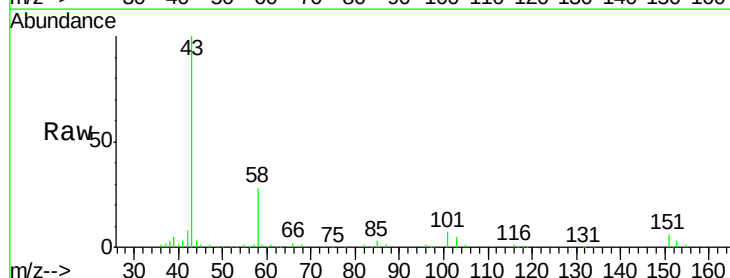
RT: 4.14 min Scan# 367

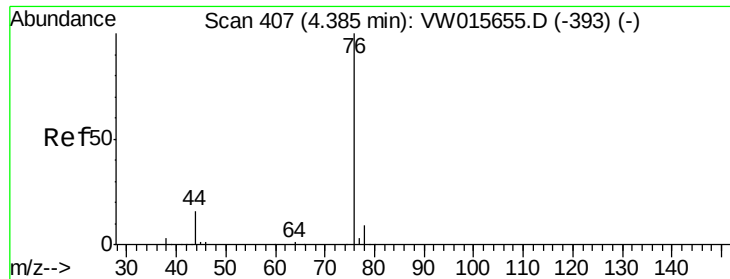
Delta R.T. 0.02 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion:	43	Resp:	115520
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.6	33.8





#17

Carbon Disulfide

Concen: 51.863 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 292717

Ion Ratio Lower Upper

76 100

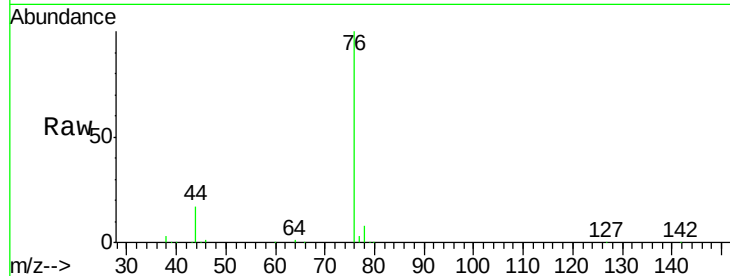
78 8.3 7.2 10.8

Manual Integrations

APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

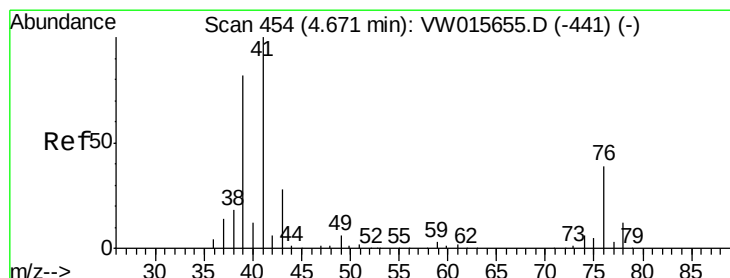
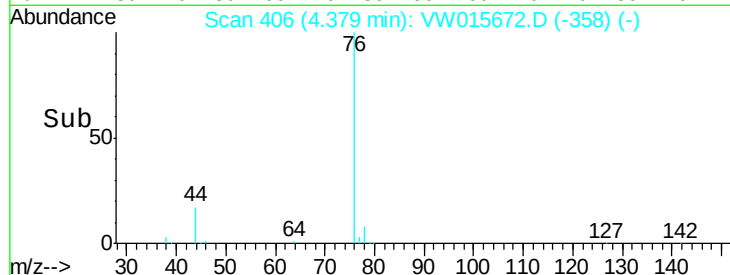
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 48.048 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015672.D

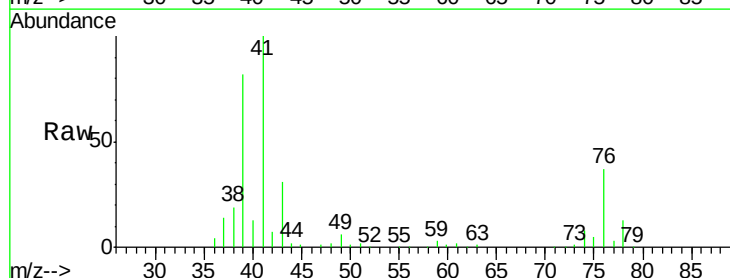
Acq: 24 Jun 2020 10:16

Tgt Ion: 43 Resp: 42431

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

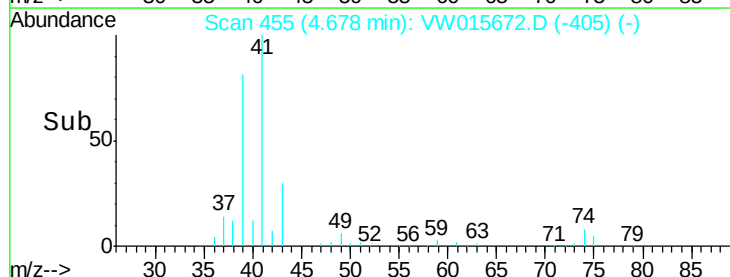
15000

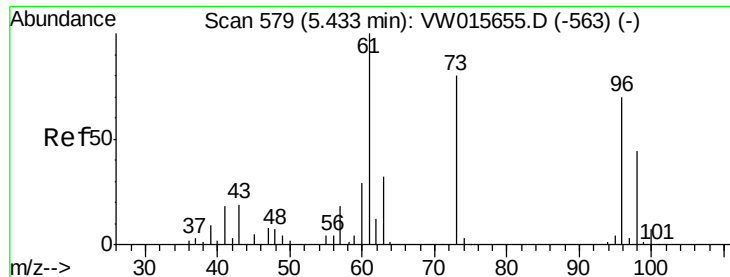
10000

5000

0

Time-->





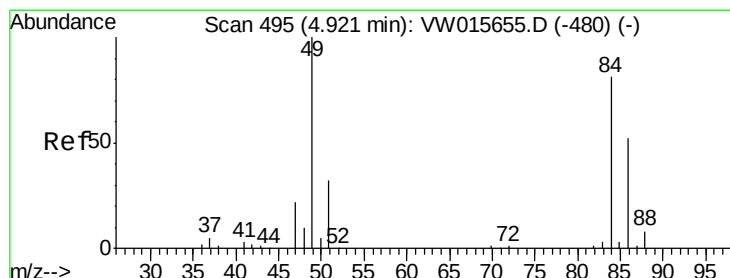
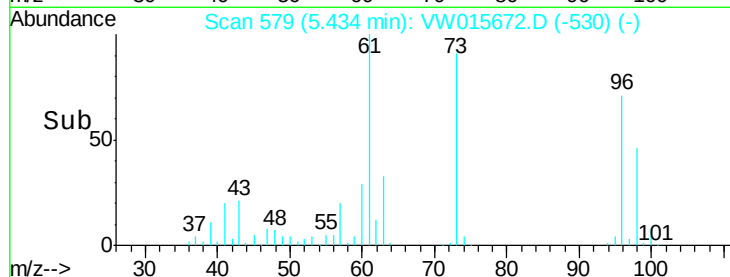
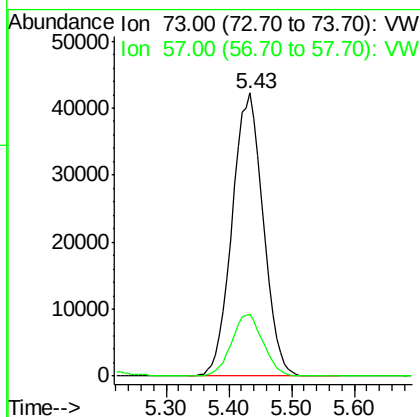
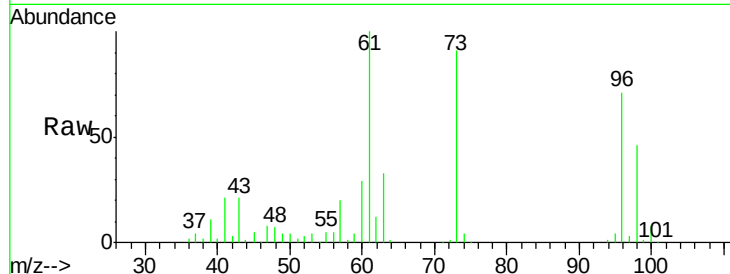
#19
Methyl tert-butyl Ether
Concen: 49.142 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 145032
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1

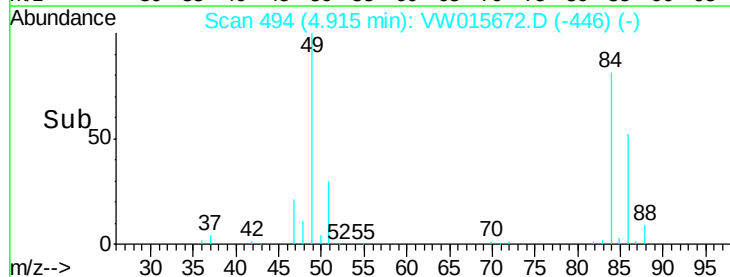
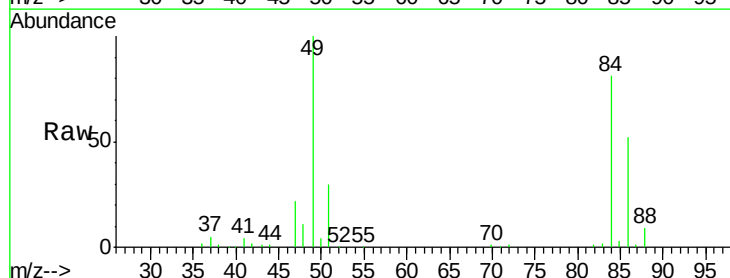
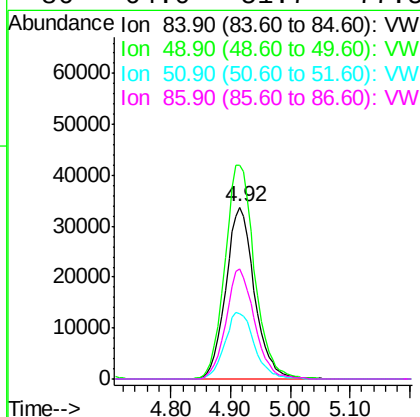
Manual Integrations
APPROVED

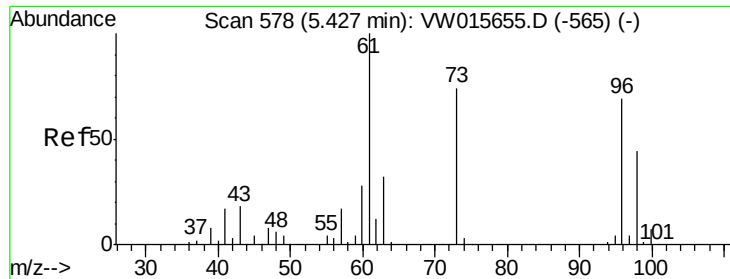
MMDadoda
6/25/2020 4:15:22 PM



#20
Methylene Chloride
Concen: 54.799 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 84 Resp: 112625
Ion Ratio Lower Upper
84 100
49 124.1 99.3 148.9
51 37.6 31.8 47.6
86 64.0 51.7 77.5





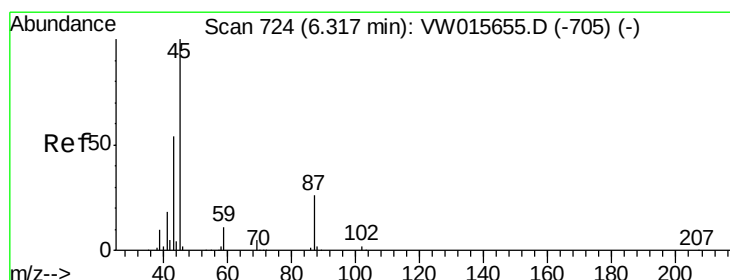
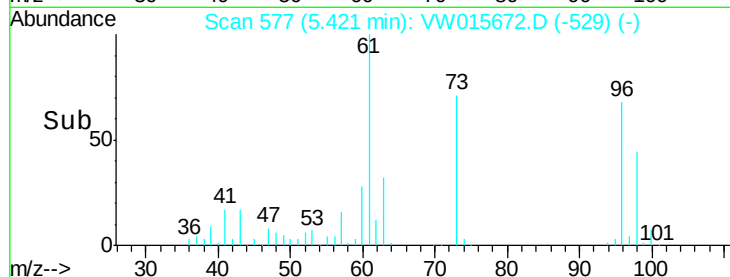
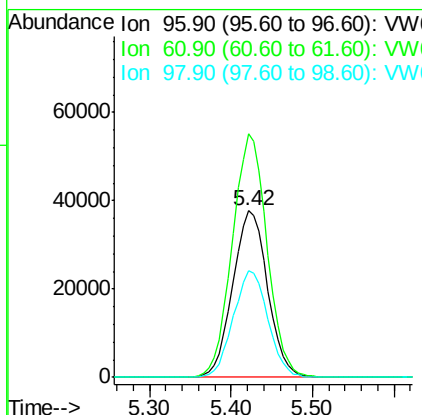
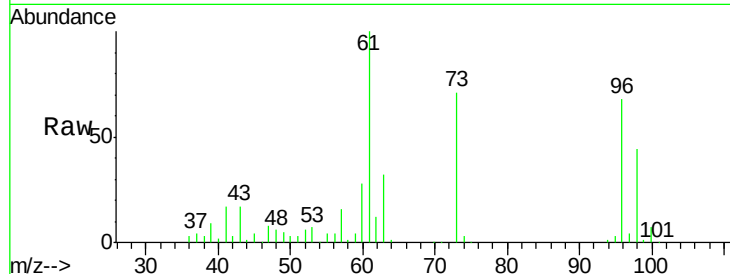
#21
trans-1,2-Dichloroethene
Concen: 49.666 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	116.2	174.2
98	64.0	51.4	77.0

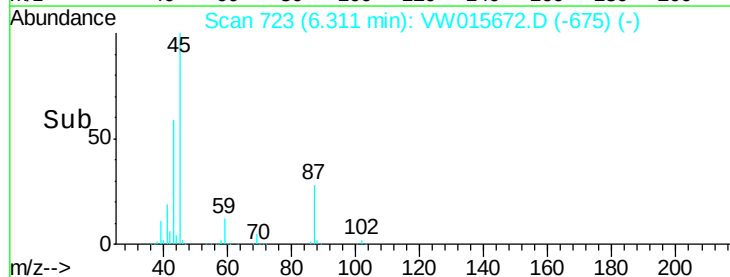
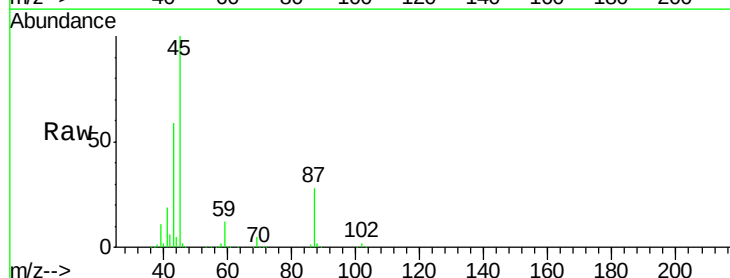
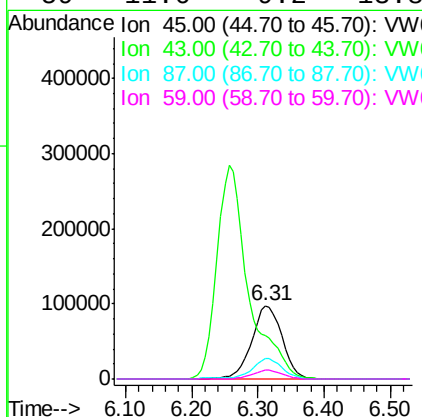
Manual Integrations
APPROVED

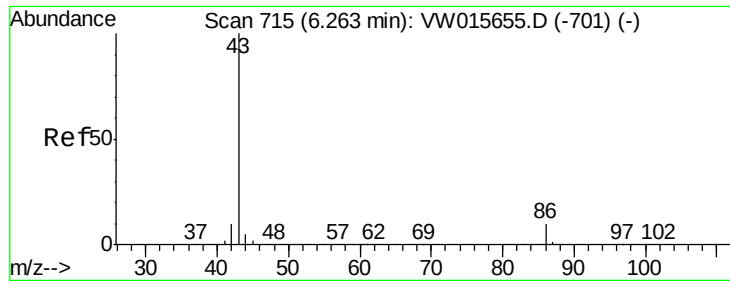
MMDadoda
6/25/2020 4:15:22 PM



#22
Diisopropyl ether
Concen: 49.348 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	43.9	65.9
87	27.9	21.2	31.8
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 255.171 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 941603

Ion Ratio Lower Upper

43 100

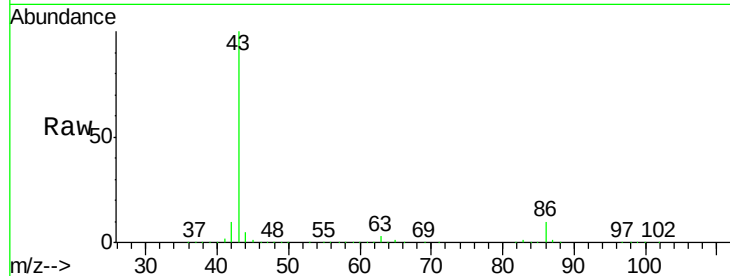
86 9.9 8.3 12.5

Manual Integrations

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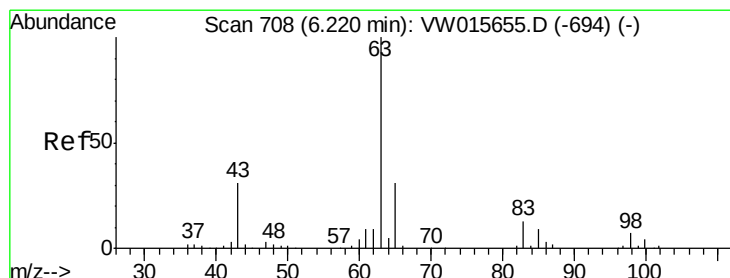
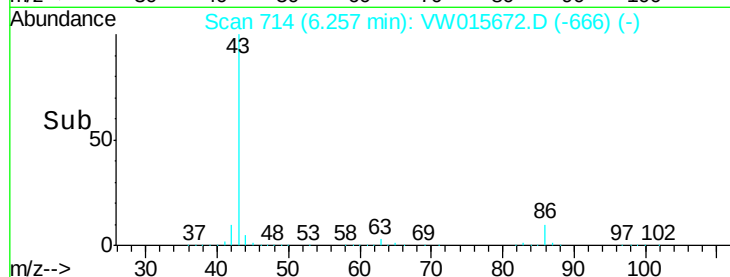
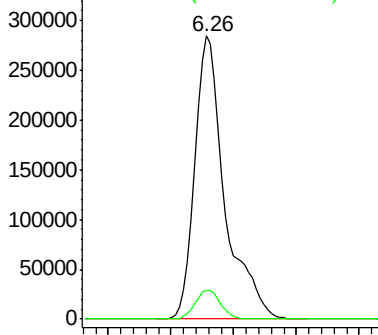
MMDadoda

6/25/2020 4:15:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.194 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

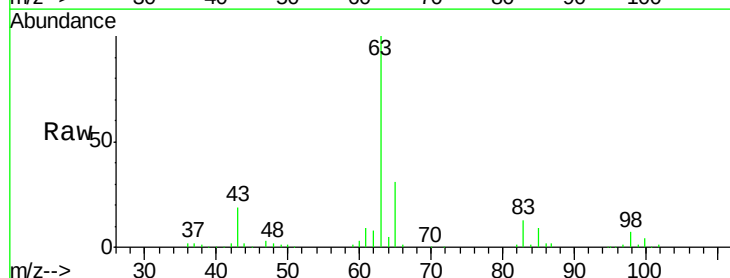
Tgt Ion: 63 Resp: 195948

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

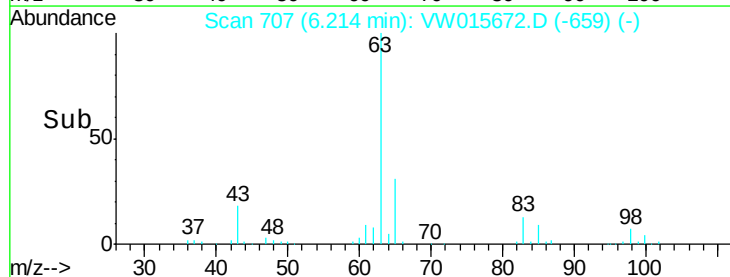
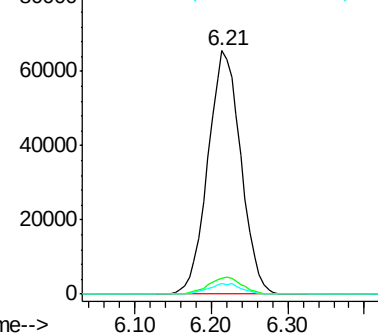
100 4.3 2.1 6.3

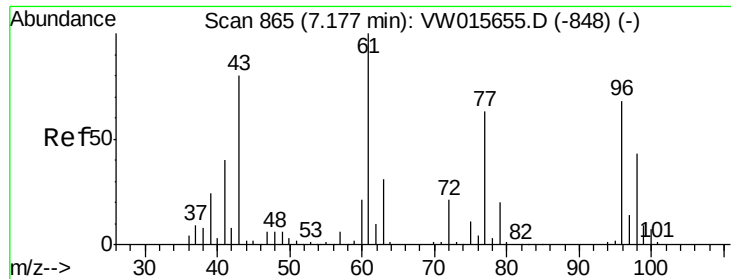


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





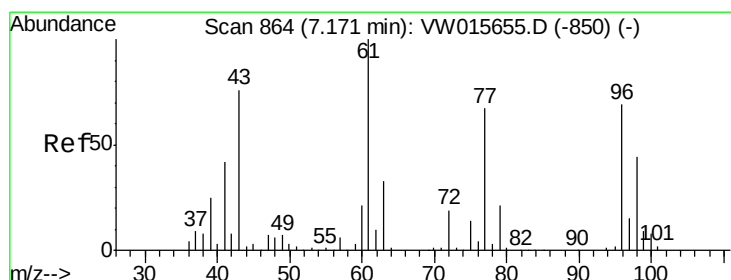
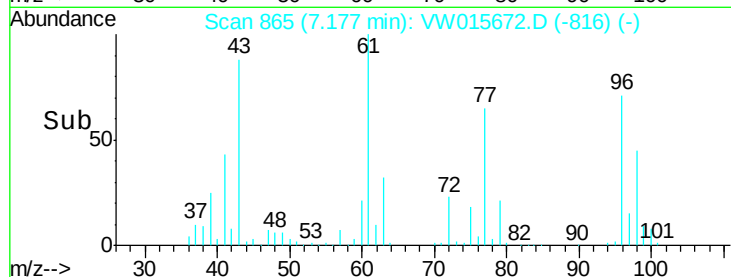
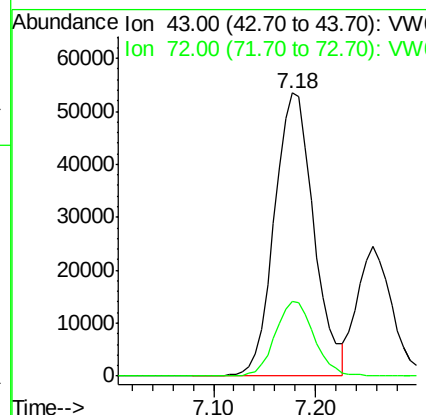
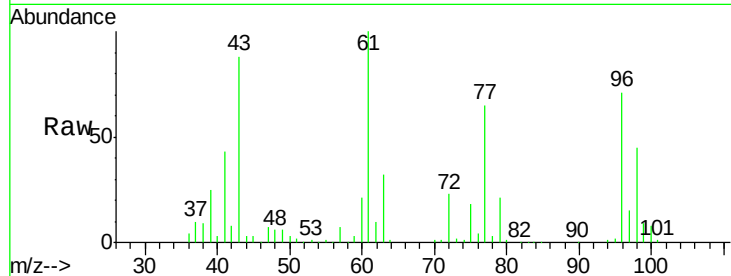
#25
2-Butanone
Concen: 248.730 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 142944
Ion Ratio Lower Upper
43 100
72 26.5 21.1 31.7

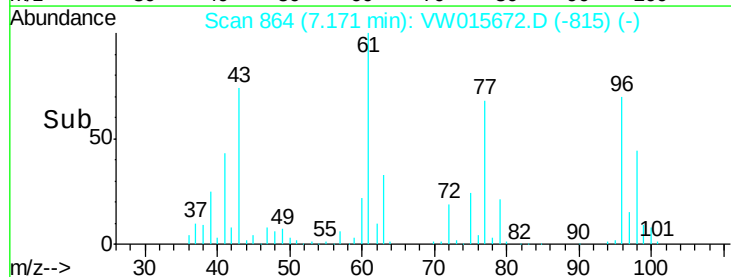
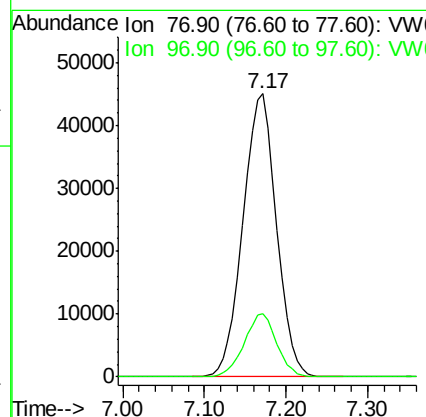
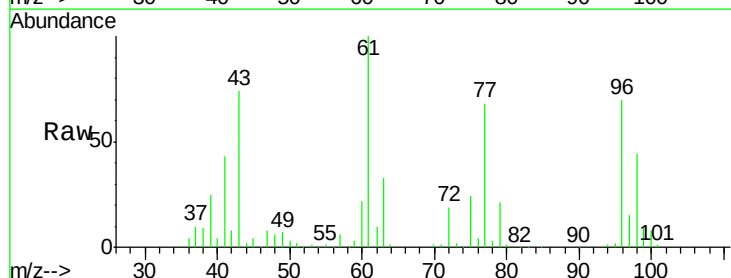
Manual Integrations
APPROVED

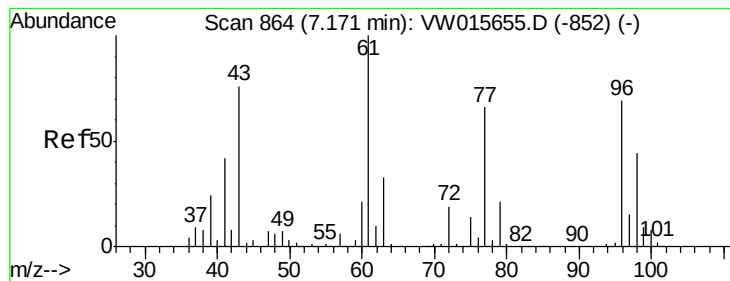
MMDadoda
6/25/2020 4:15:22 PM



#26
2,2-Dichloropropane
Concen: 48.114 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 77 Resp: 128538
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.5





#27

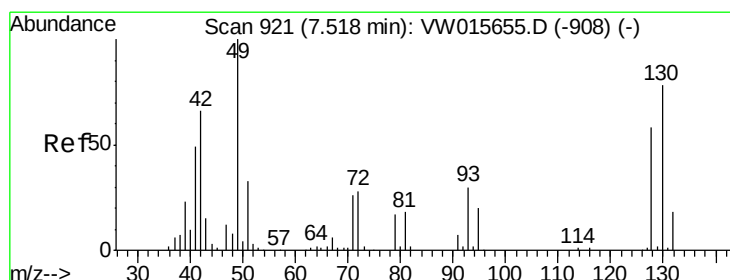
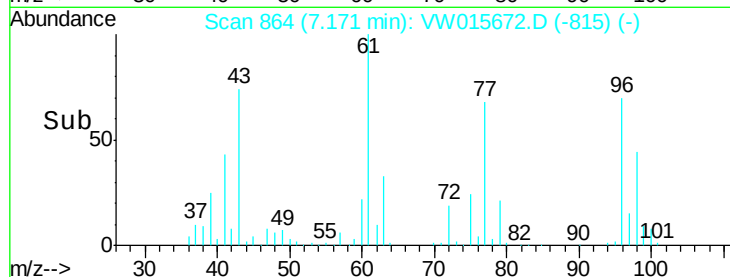
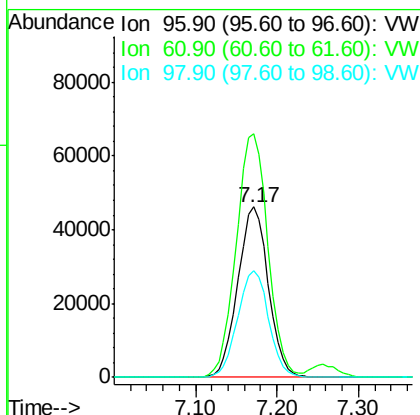
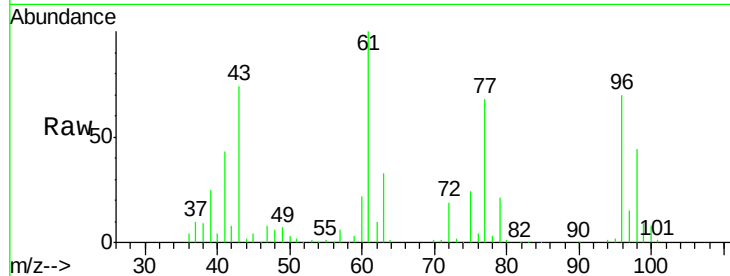
cis-1,2-Dichloroethene
Concen: 49.649 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	296.8
98	63.3	0.0	128.0

Manual Integrations
APPROVED

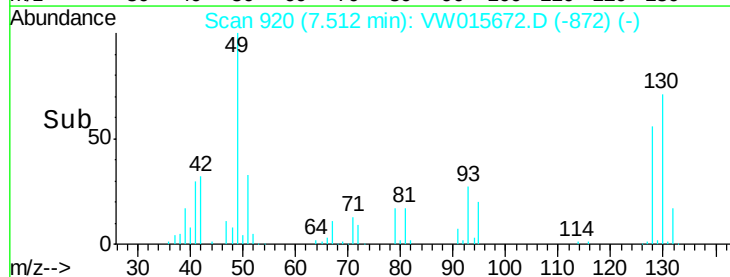
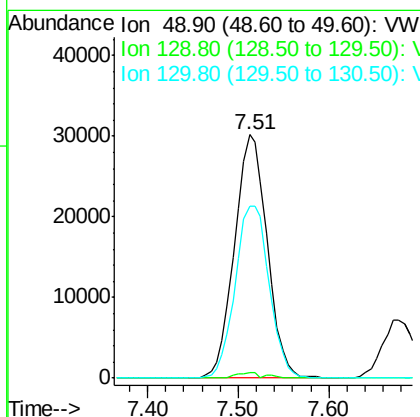
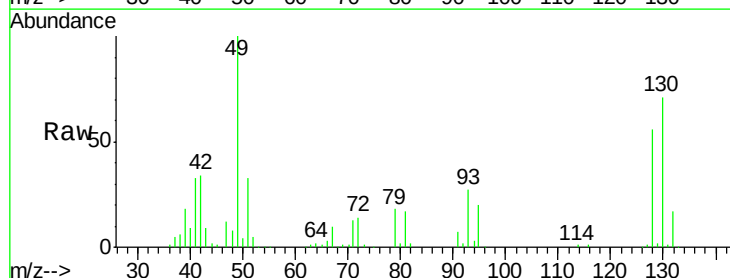
MMDadoda
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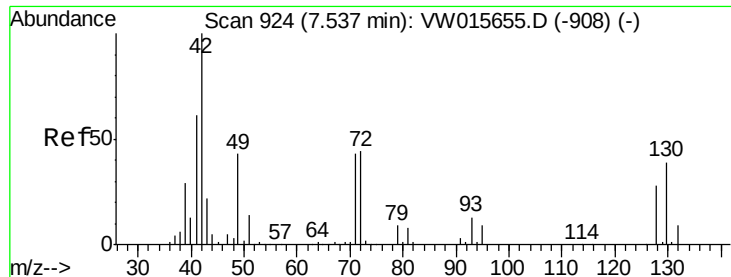


#28

Bromochloromethane
Concen: 49.251 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	73.6	61.0	91.4





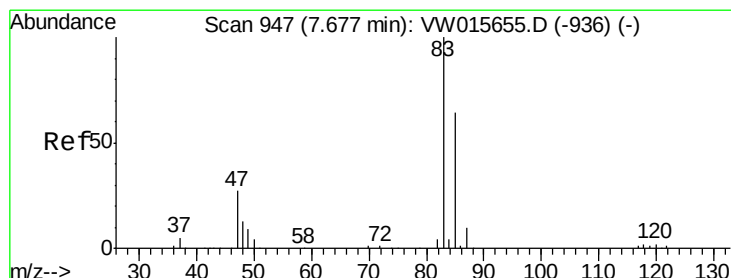
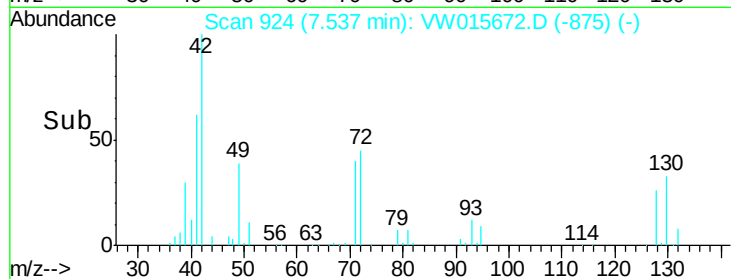
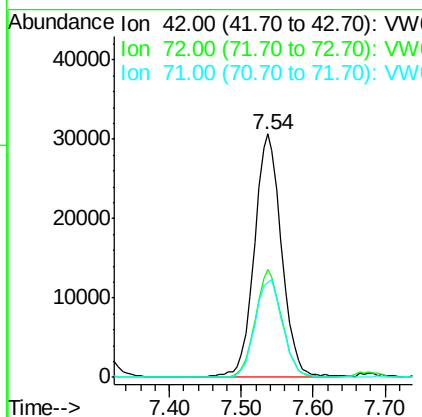
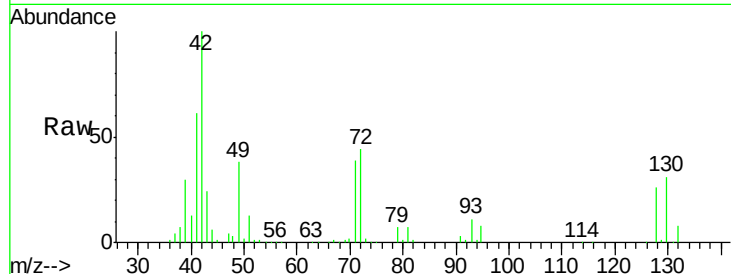
#29
Tetrahydrofuran
Concen: 238.239 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.0	52.6
71	40.7	32.6	49.0

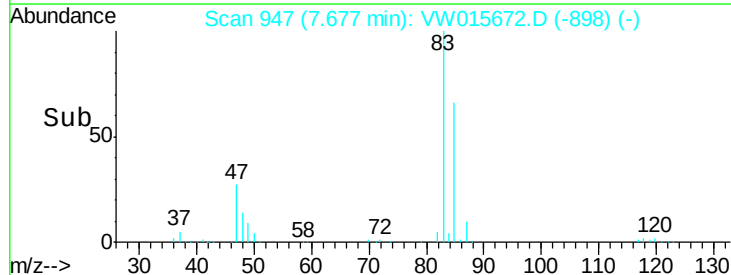
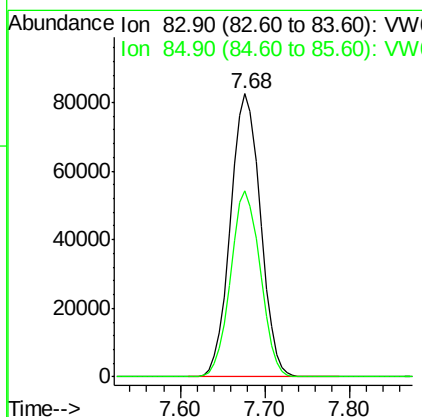
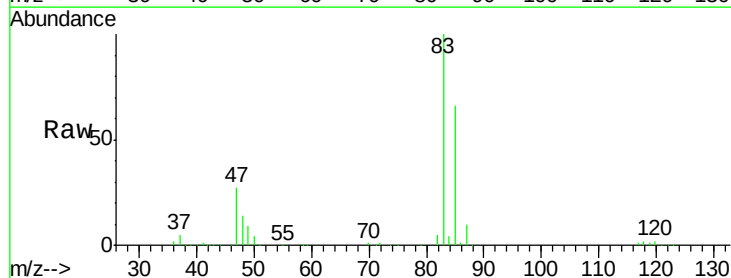
Manual Integrations
APPROVED

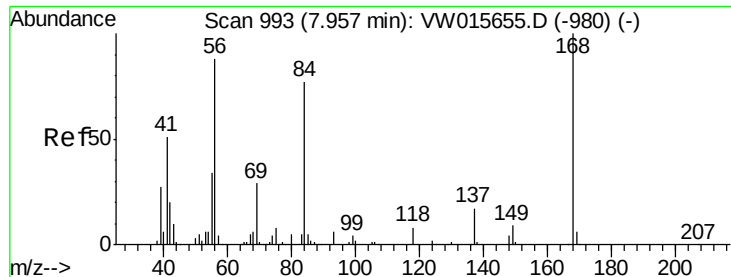
MMDadoda
6/25/2020 4:15:22 PM



#30
Chloroform
Concen: 48.711 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.4





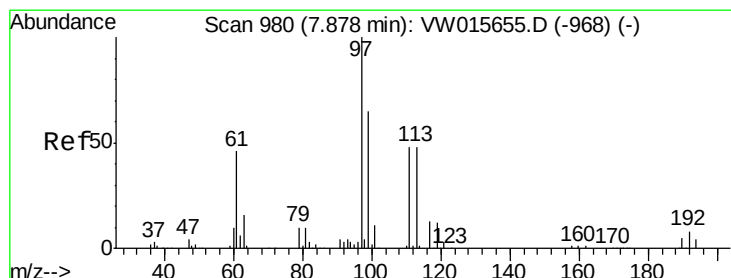
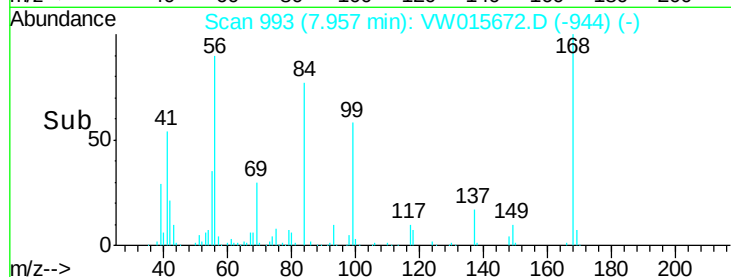
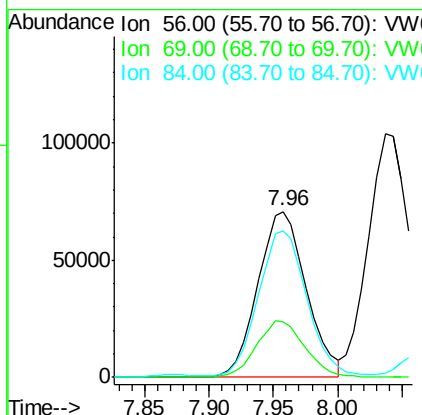
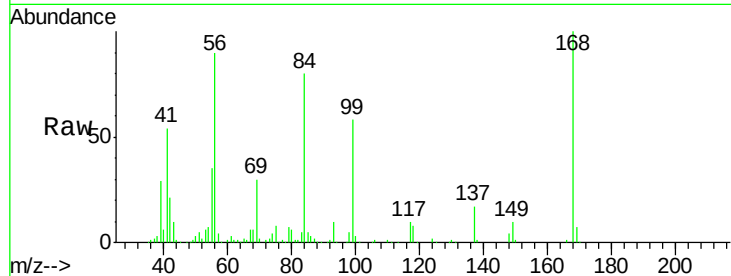
#31
Cyclohexane
Concen: 47.943 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	26.2	39.4
84	87.1	70.4	105.6

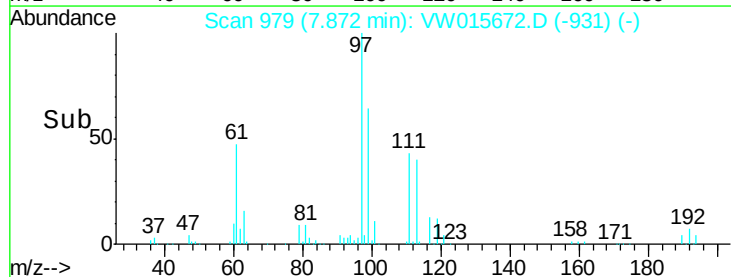
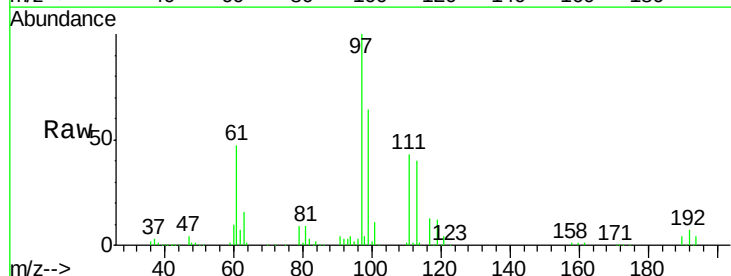
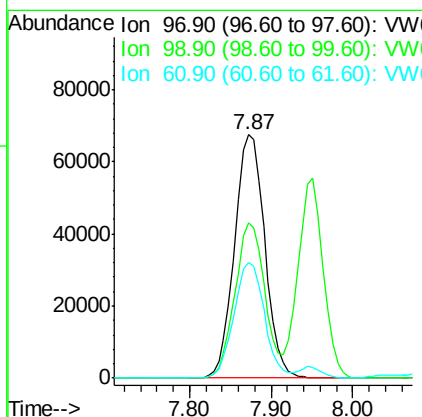
Manual Integrations
APPROVED

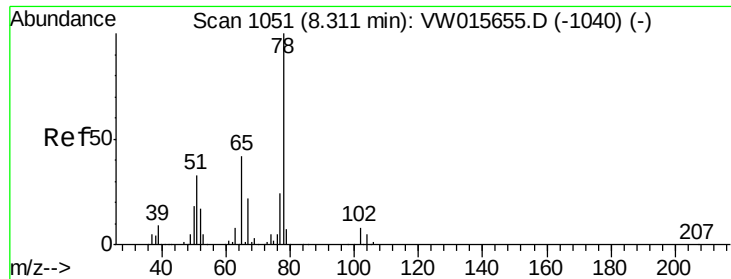
MMDadoda
6/25/2020 4:15:22 PM



#32
1,1,1-Trichloroethane
Concen: 49.853 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	47.8	37.3	55.9





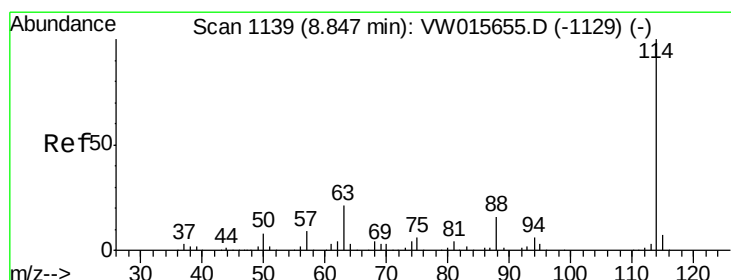
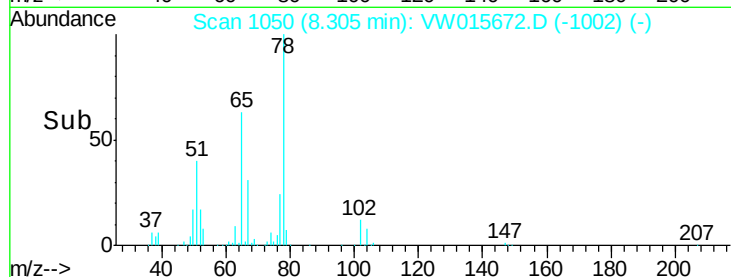
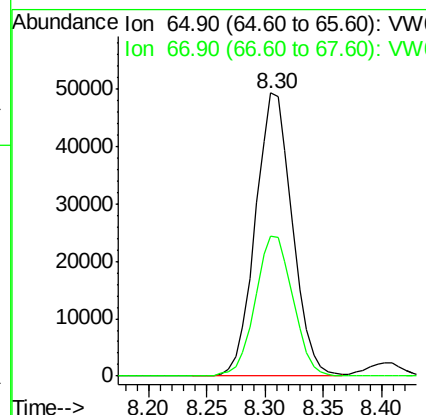
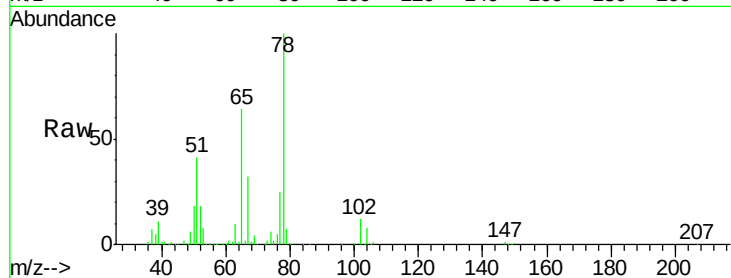
#33
 1,2-Dichloroethane-d4
 Concen: 48.330 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108104		
67	50.6	0.0	102.2	

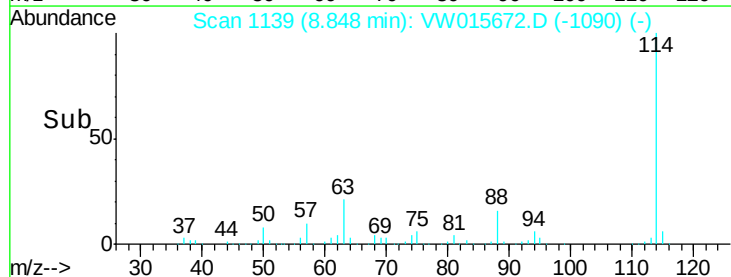
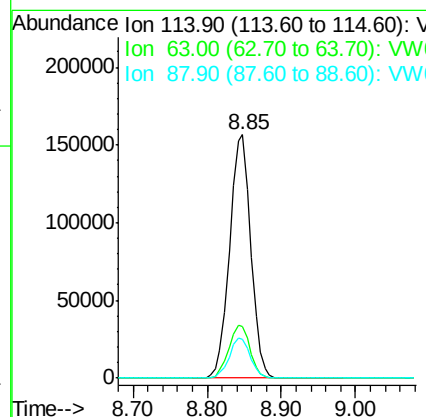
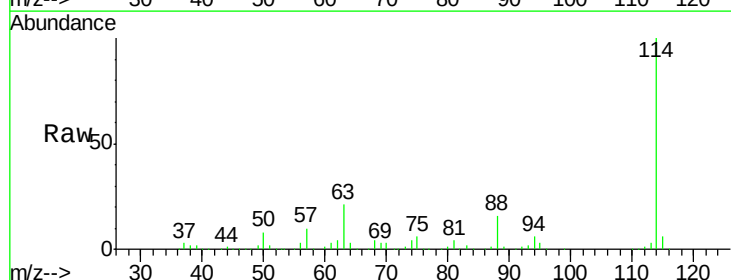
Manual Integrations
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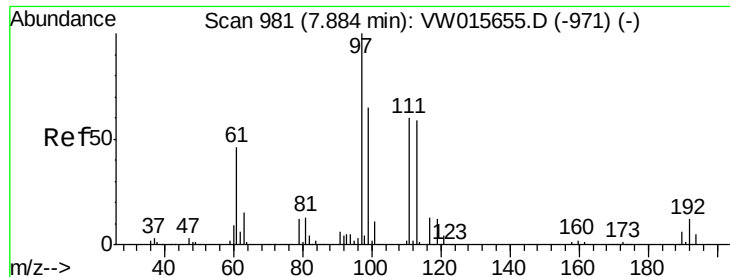
MMDadoda
 6/25/2020 4:15:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	310208		
63	21.3	0.0	42.4	
88	16.1	0.0	32.6	





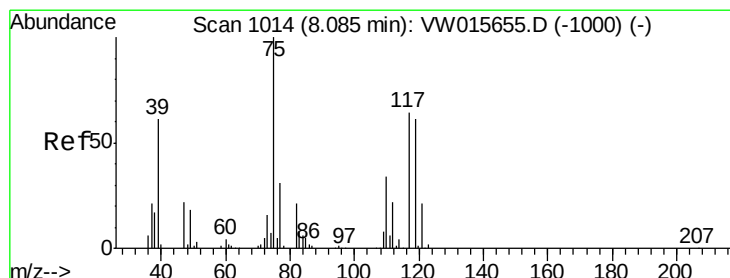
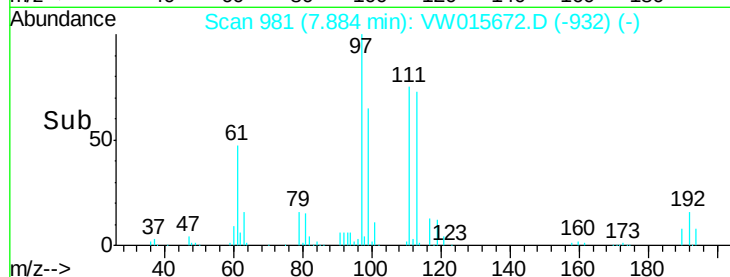
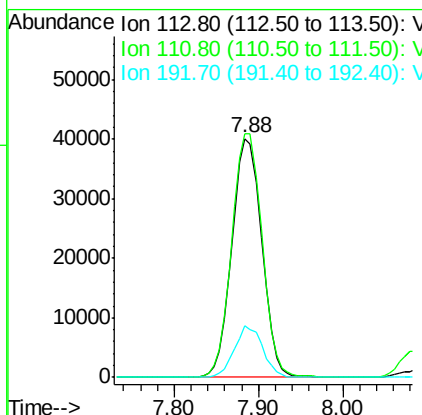
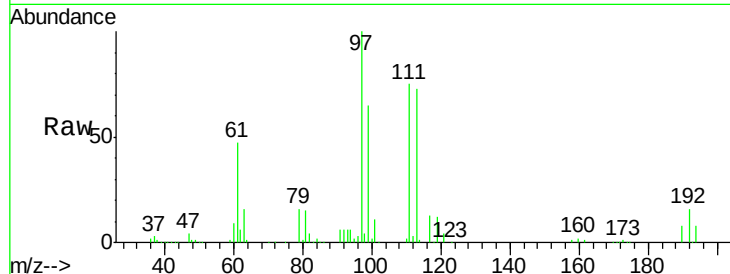
#35
 Dibromofluoromethane
 Concen: 49.315 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96229		
111	103.4	82.3	123.5	
192	20.3	16.4	24.6	

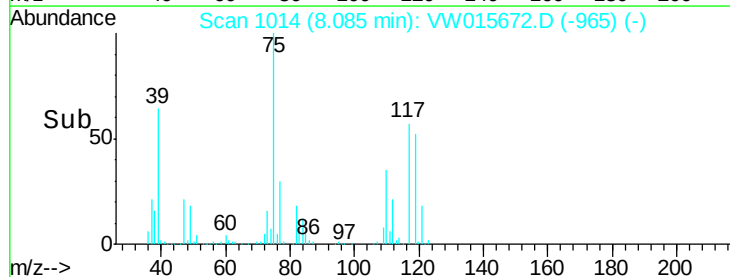
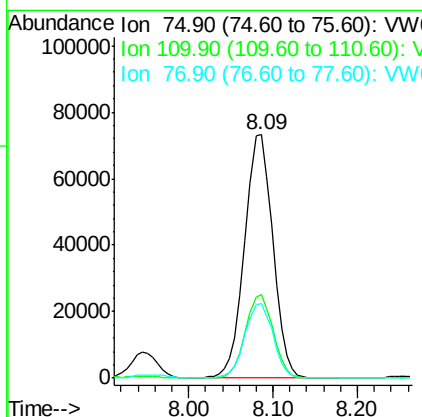
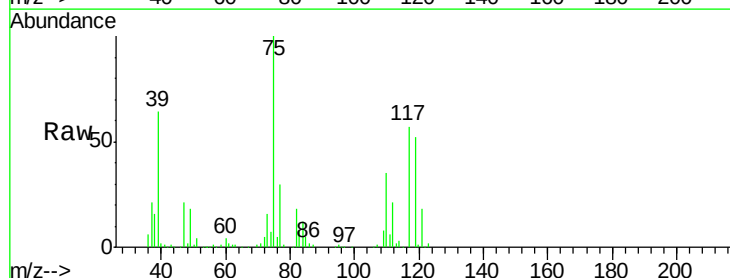
Manual Integrations
 APPROVED

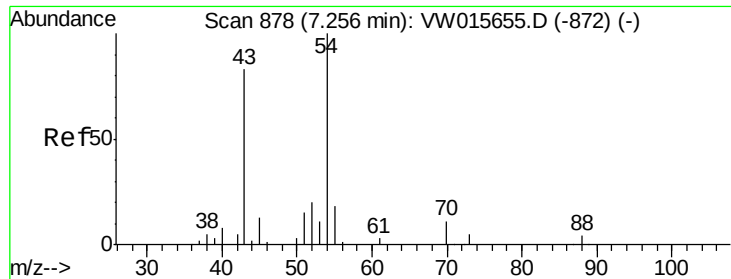
MMDadoda
 6/25/2020 4:15:22 PM



#36
 1,1-Dichloropropene
 Concen: 51.474 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	166078		
110	33.7	17.0	51.0	
77	30.8	24.6	36.8	





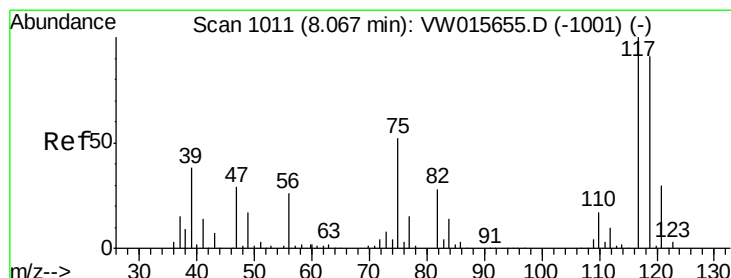
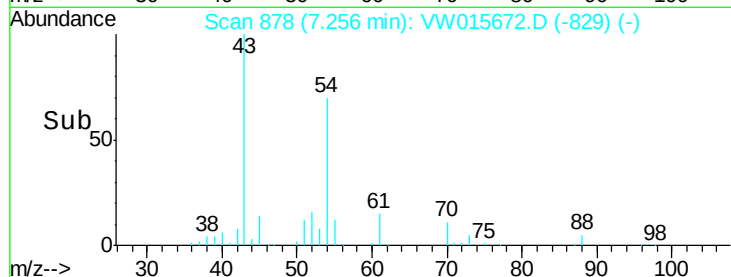
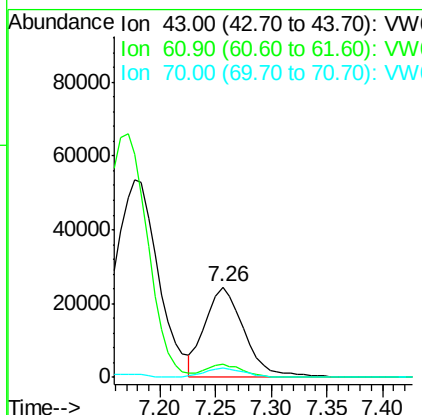
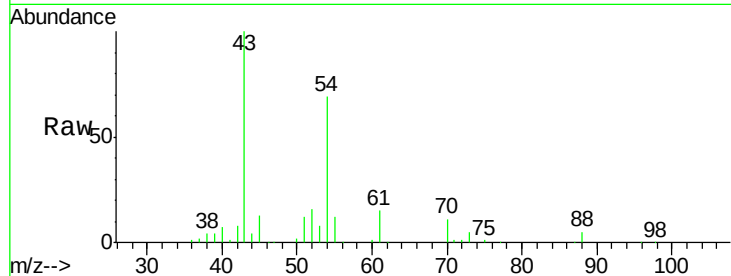
#37
Ethyl Acetate
Concen: 47.624 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.4	15.6
70	10.7	8.4	12.6

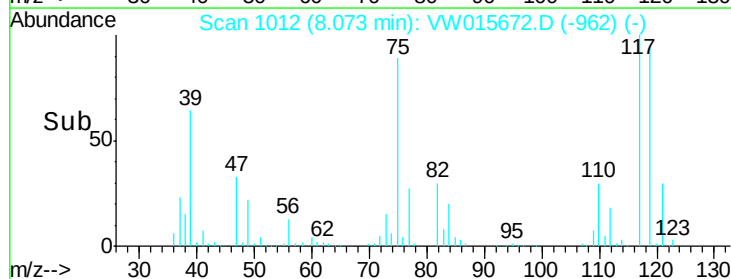
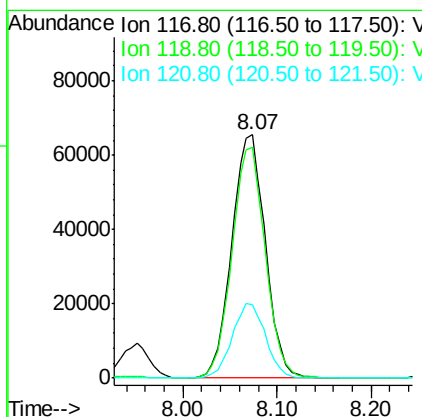
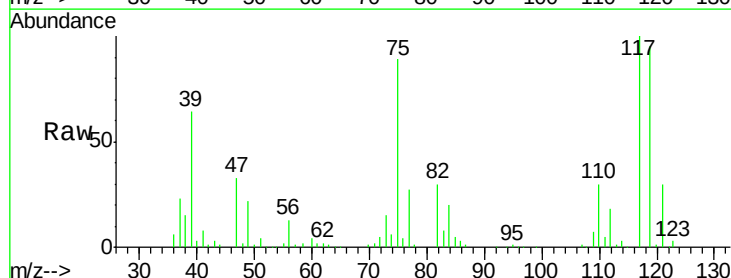
Manual Integrations
APPROVED

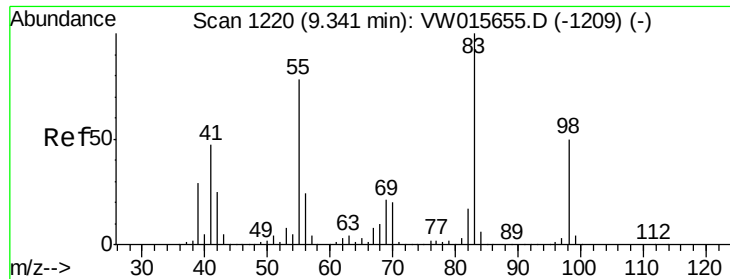
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#38
Carbon Tetrachloride
Concen: 52.078 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	73.2	109.8
121	30.4	23.9	35.9





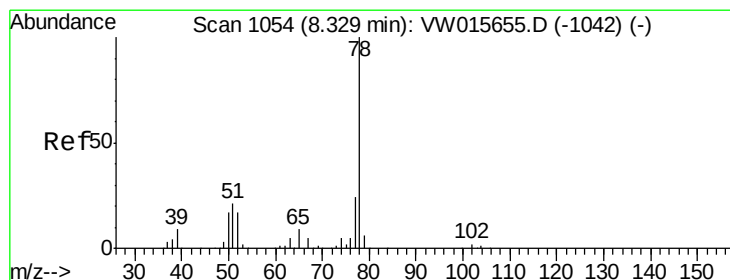
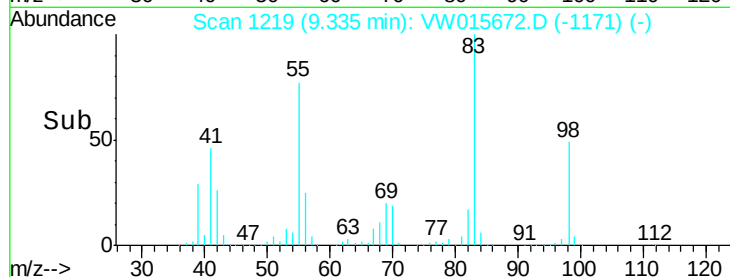
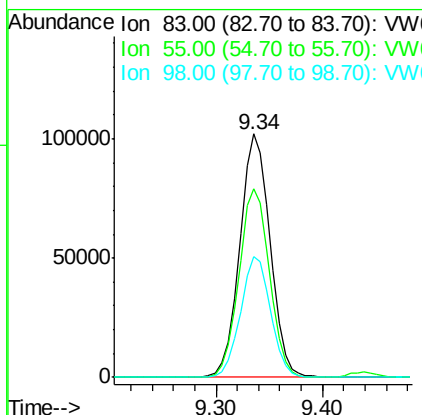
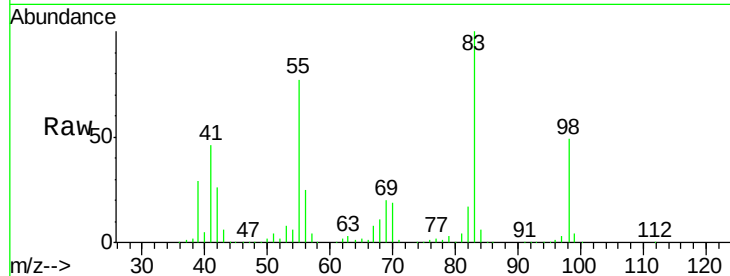
#39
Methylvlcyclohexane
Concen: 52.193 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	203971		
55	77.3	62.8	94.2	
98	49.5	39.9	59.9	

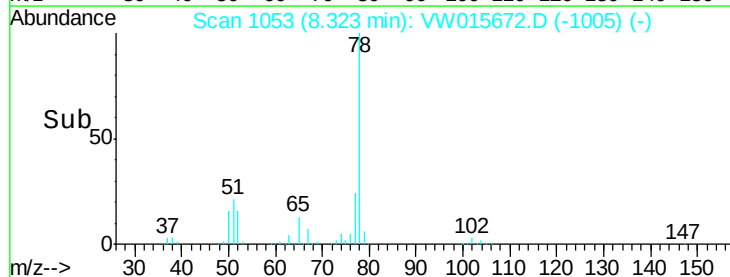
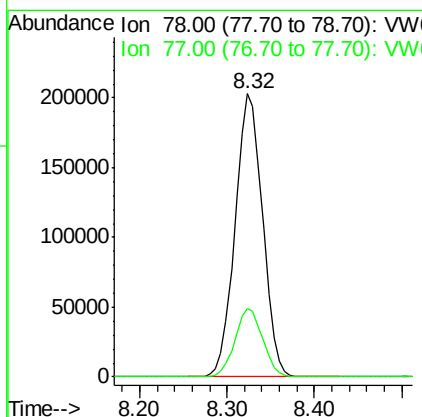
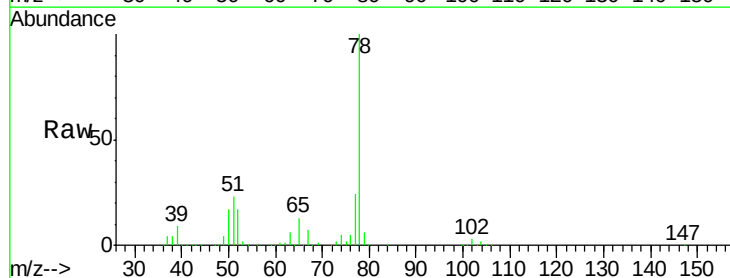
Manual Integrations
APPROVED

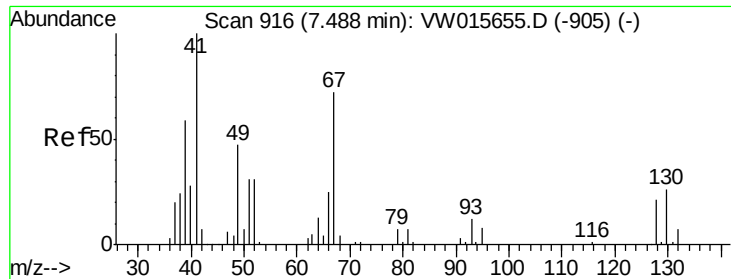
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#40
Benzene
Concen: 50.492 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	442965		
77	24.1	19.3	28.9	





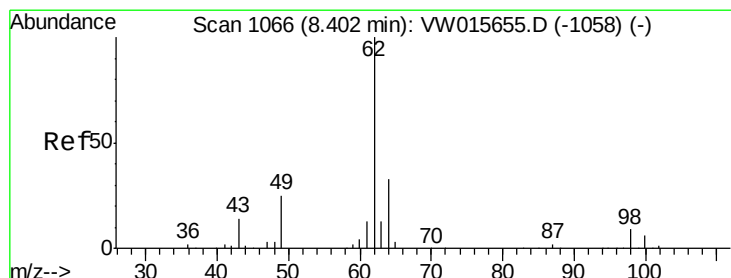
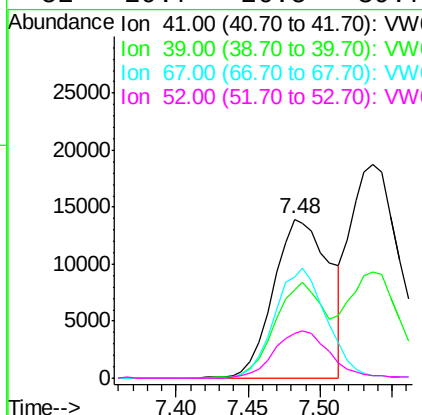
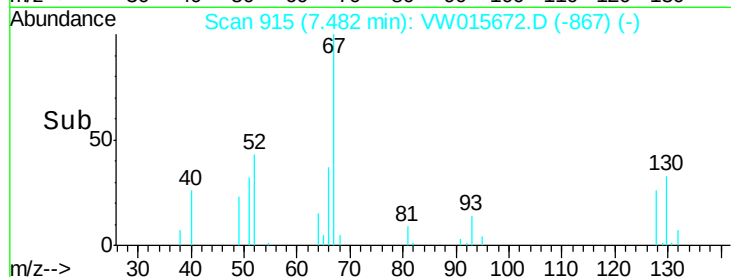
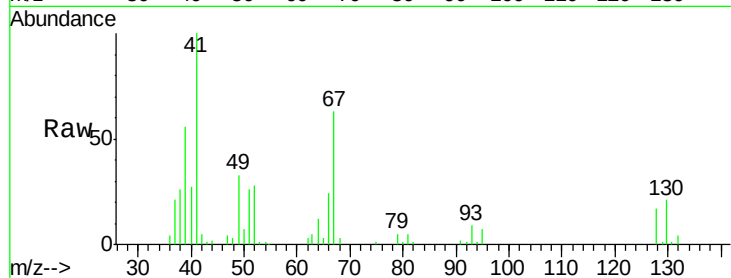
#41
Methacrylonitrile
Concen: 53.895 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.0	52.0	78.0#
67	64.0	57.5	86.3
52	29.7	26.5	39.7

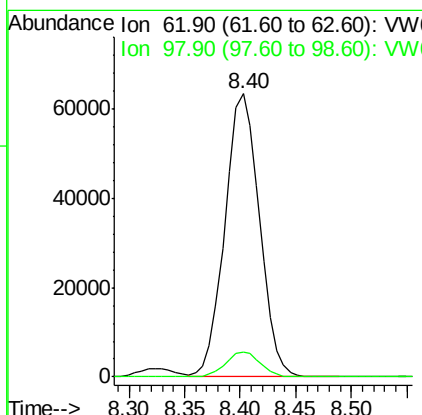
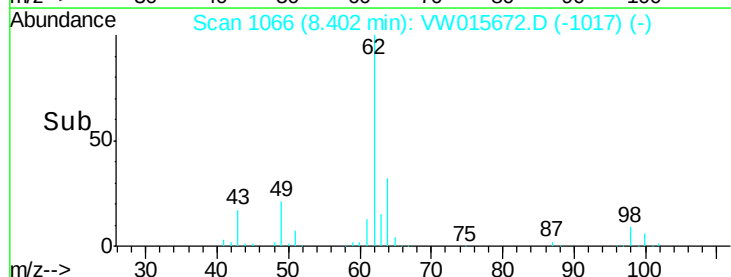
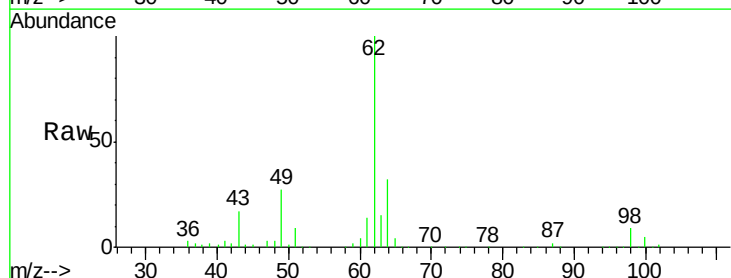
Manual Integrations
APPROVED

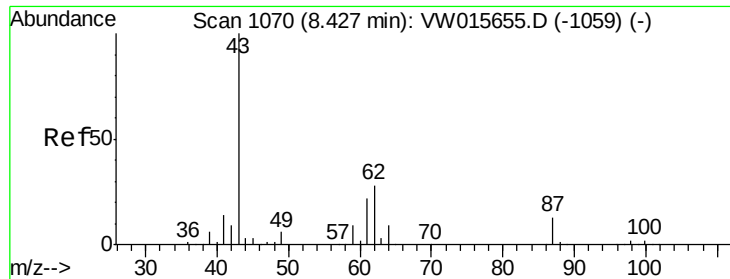
MMDadoda
6/25/2020 4:15:22 PM



#42
1,2-Dichloroethane
Concen: 50.352 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4





#43

Isopropyl Acetate

Concen: 49.085 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

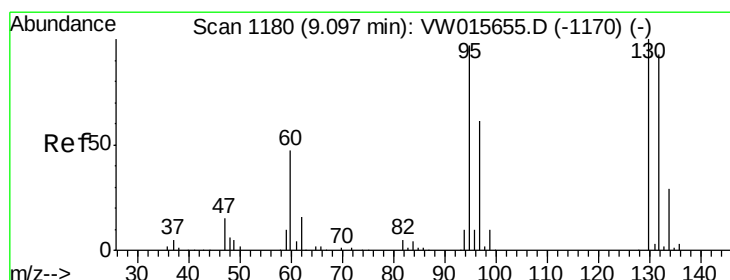
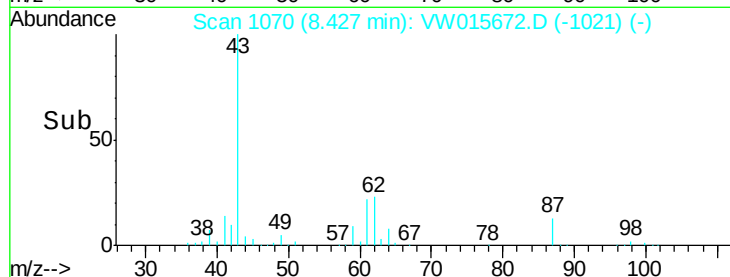
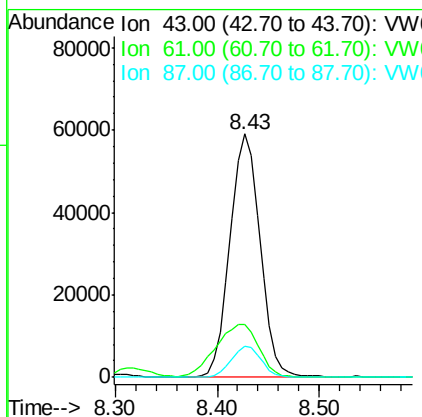
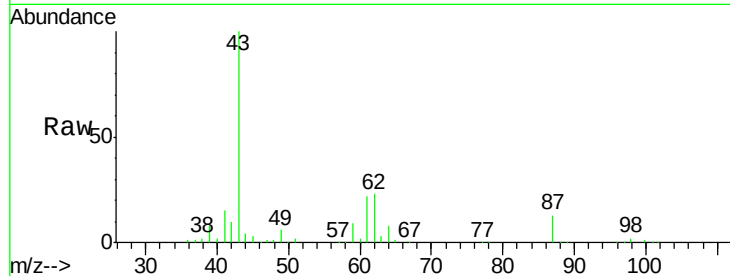
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	120673
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.7	37.1
87	12.8	10.2	15.2

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#44

Trichloroethene

Concen: 48.768 ug/l

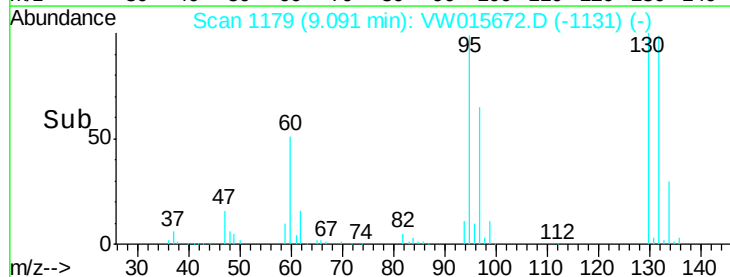
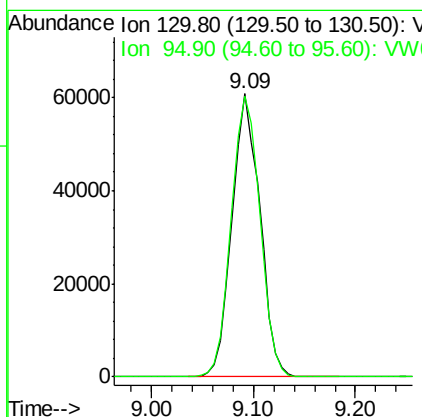
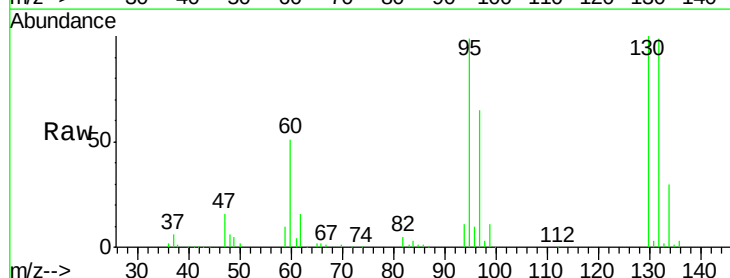
RT: 9.09 min Scan# 1179

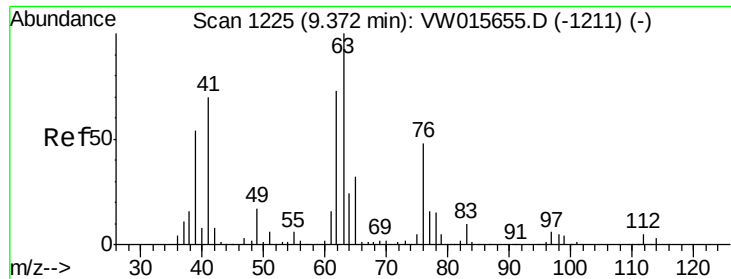
Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion:	130	Resp:	115321
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	194.4





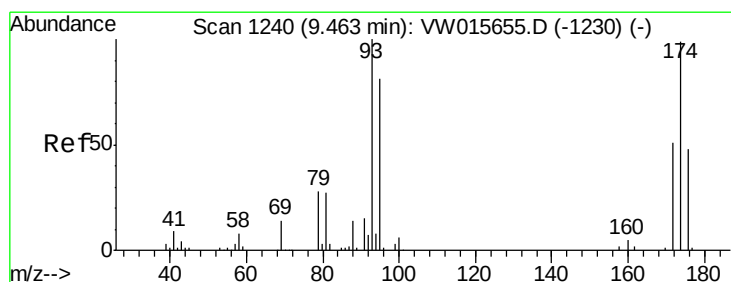
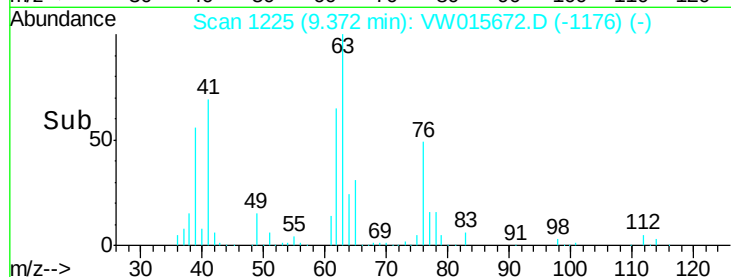
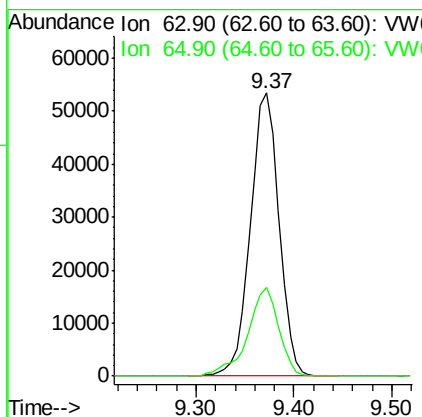
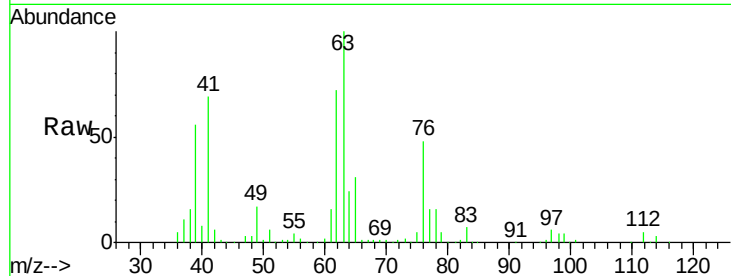
#45
 1,2-Dichloropropane
 Concen: 50.517 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 108329
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9

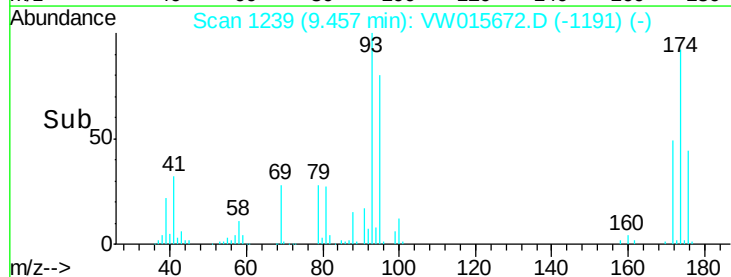
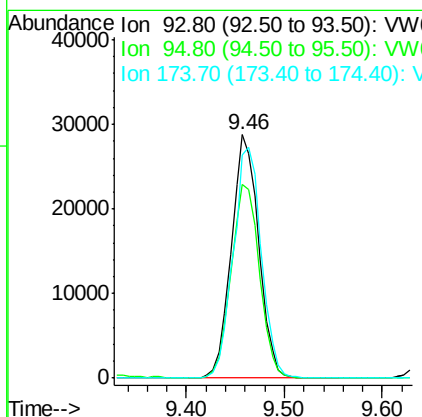
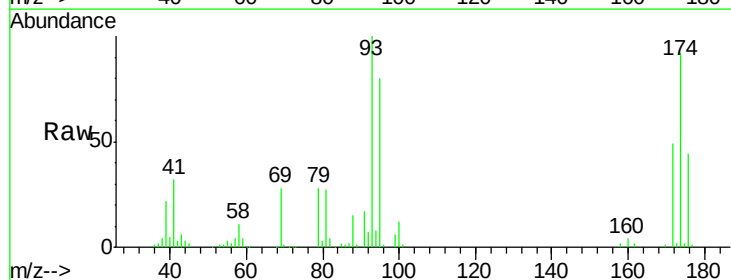
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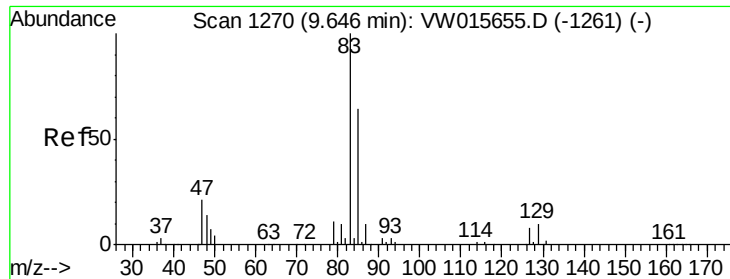
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#46
 Dibromomethane
 Concen: 50.170 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 93 Resp: 55664
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 97.7 79.0 118.6





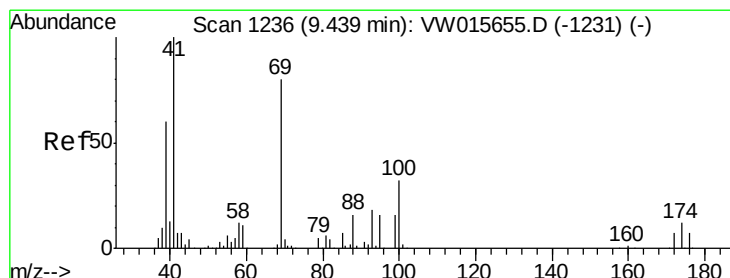
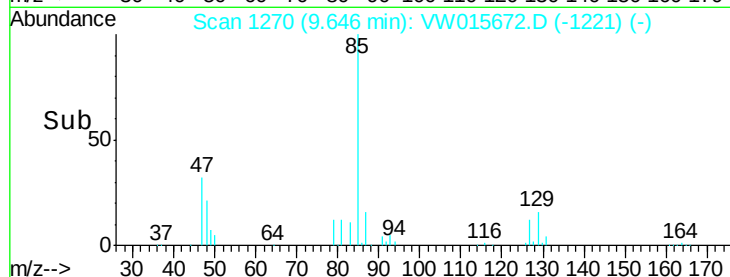
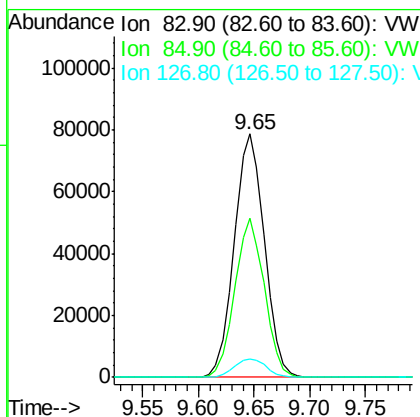
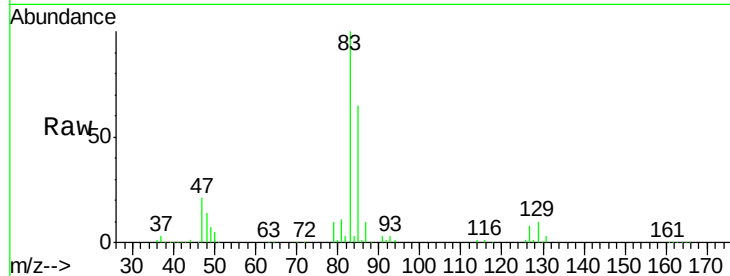
#47
 Bromodichloromethane
 Concen: 50.874 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	147233
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	50.8	76.2
127	7.8	6.3	9.5

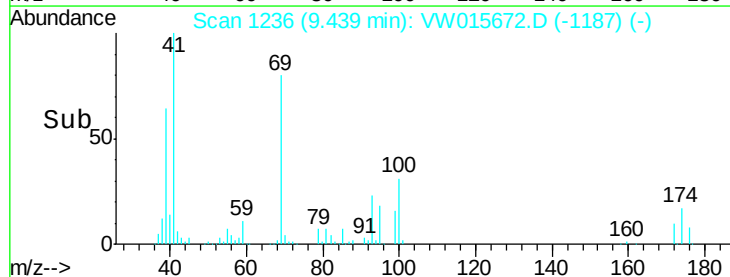
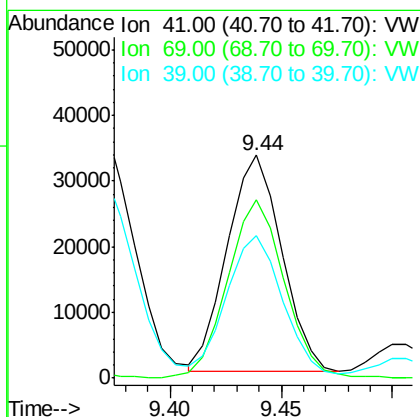
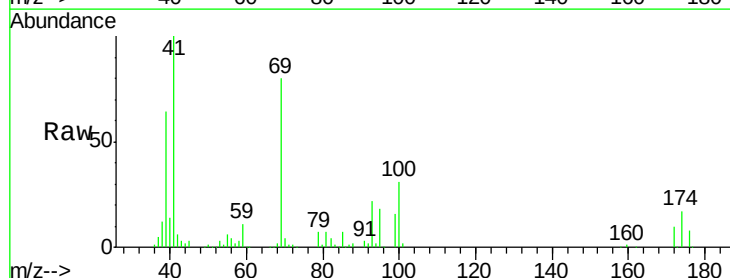
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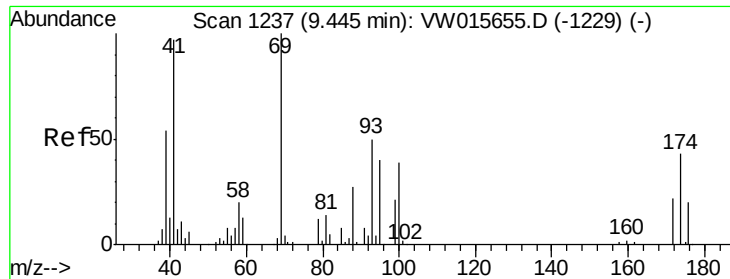
MMDadoda
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#48
 Methyl methacrylate
 Concen: 50.128 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	41	Resp	56342
Ion Ratio	100	Lower	Upper
41	100		
69	86.1	68.2	102.2
39	63.8	49.8	74.6





#49

1,4-Dioxane

Concen: 996.715 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

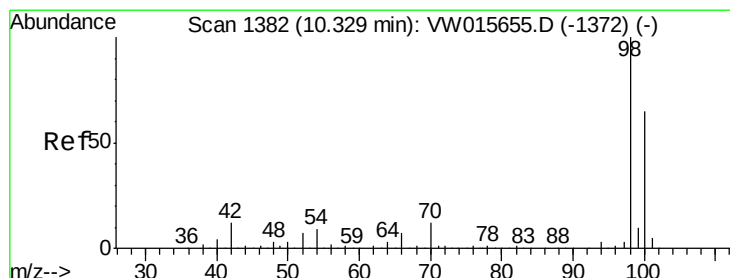
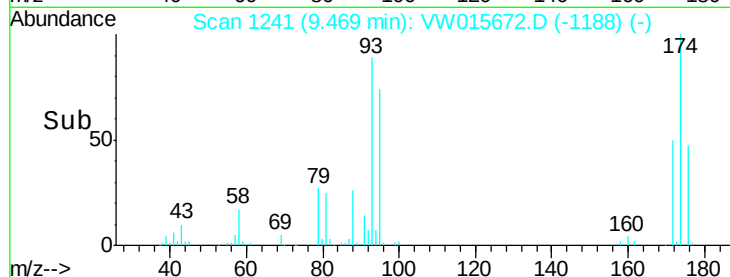
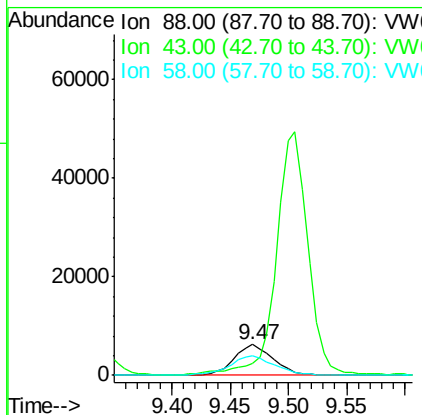
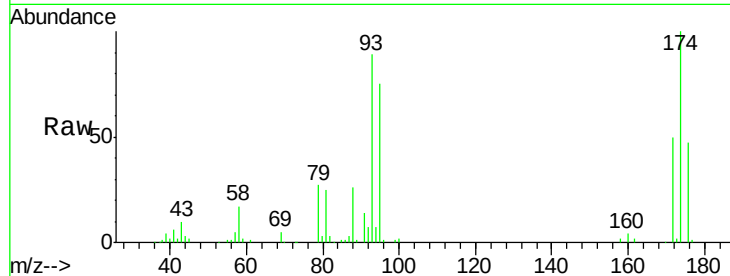
ClientSampleId :

VSTDCCC050

Tot Ion	88	Resp	14507
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	72.8	56.1	84.1

Manual Integrations
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#50

Toluene-d8

Concen: 50.197 ug/l

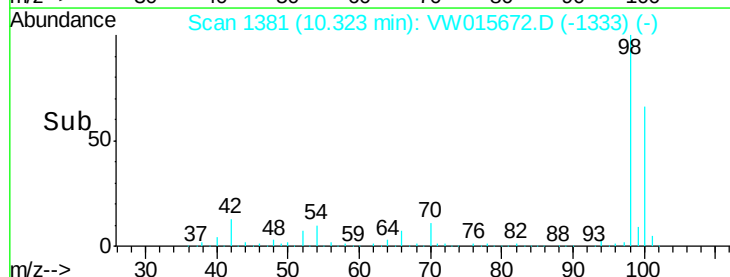
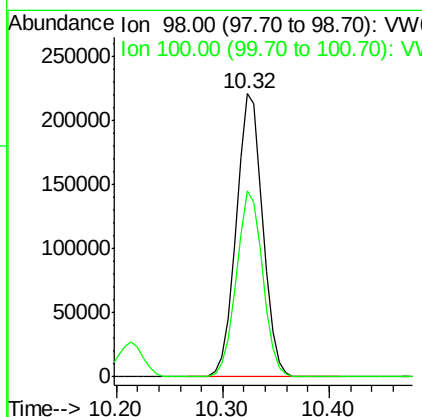
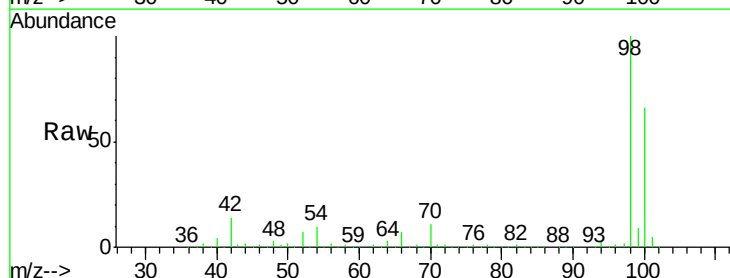
RT: 10.32 min Scan# 1381

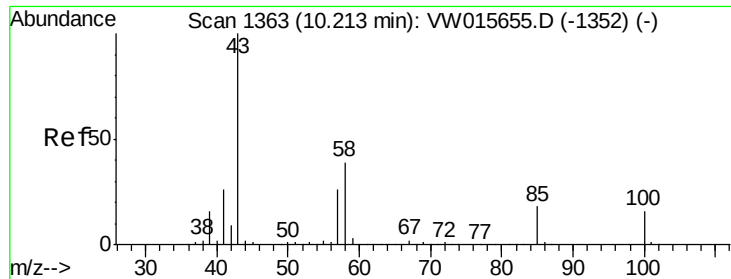
Delta R.T. -0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion	98	Resp	385468
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.8	79.2





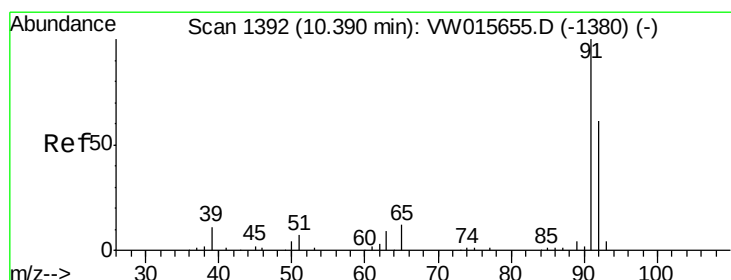
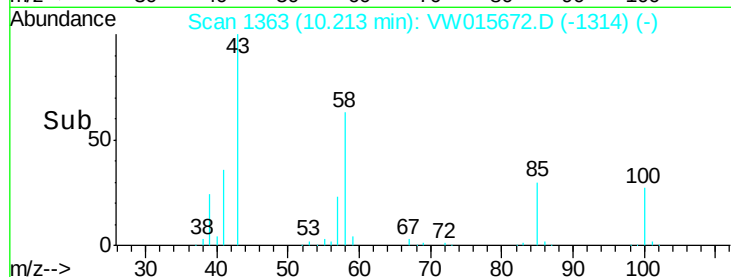
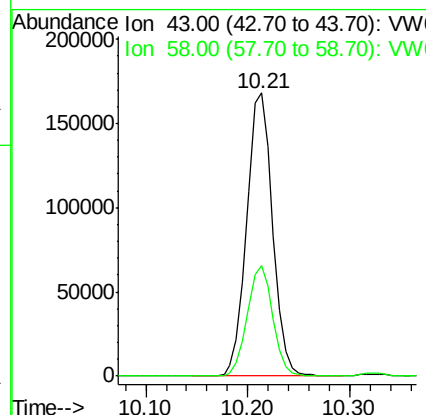
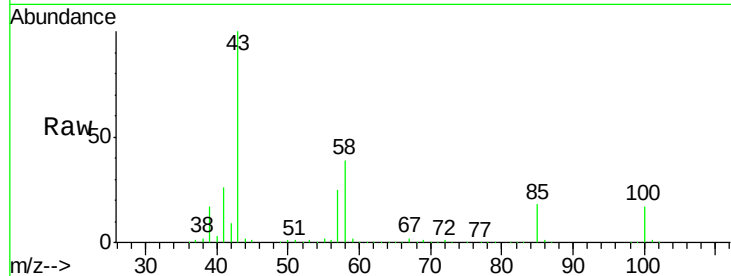
#51
4-Methyl-2-Pentanone
Concen: 249.452 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 295746
Ion Ratio Lower Upper
43 100
58 38.4 31.2 46.8

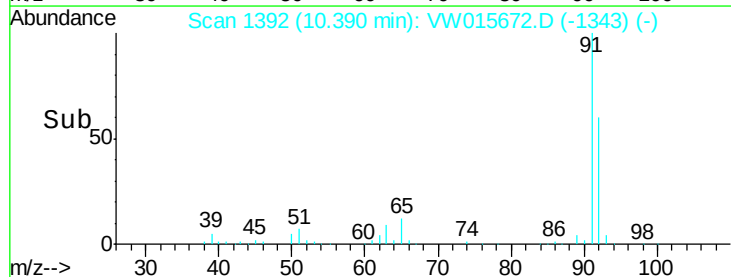
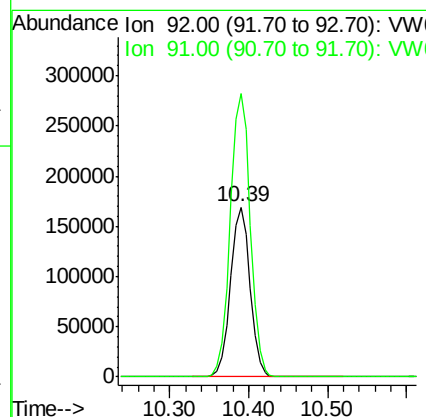
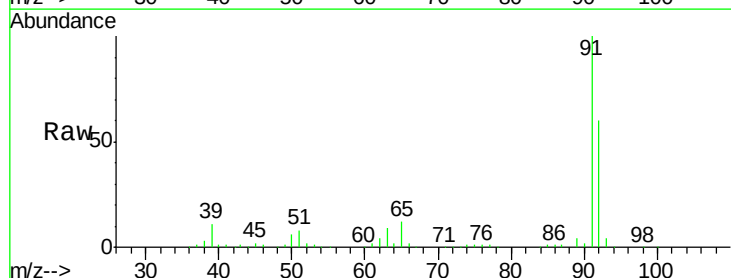
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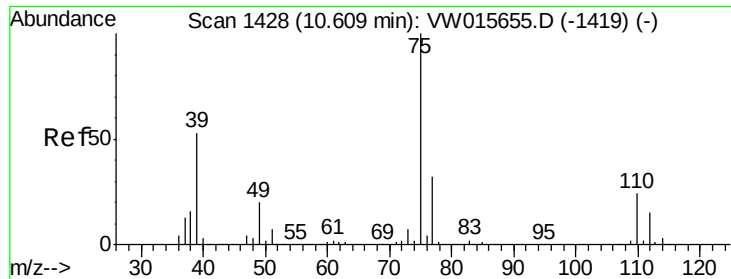
MMDadoda
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#52
Toluene
Concen: 51.414 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 92 Resp: 291250
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3





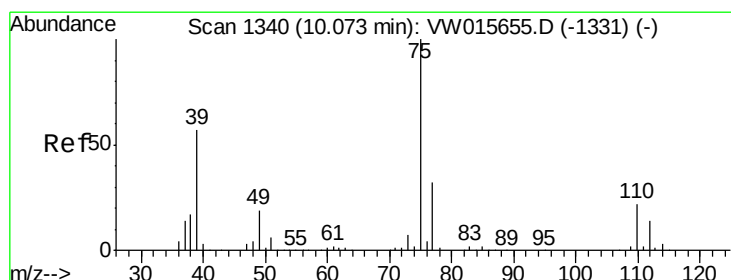
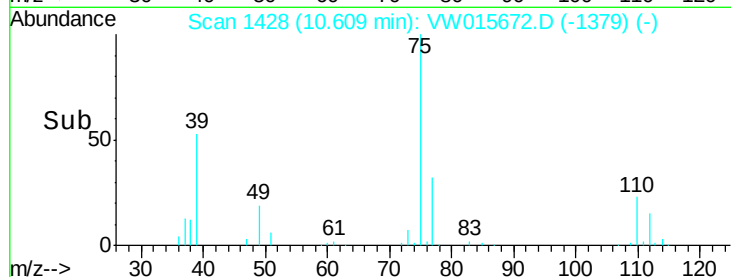
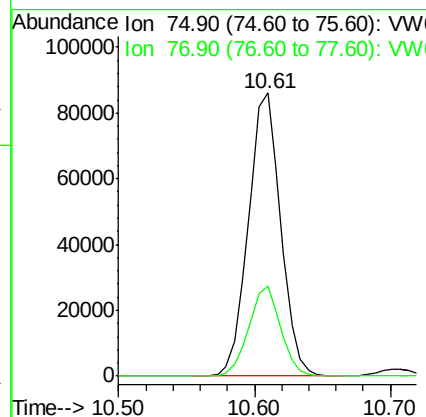
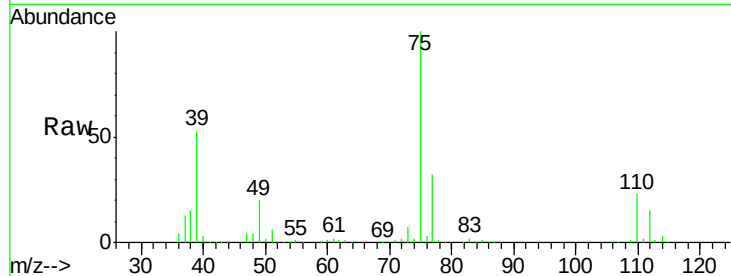
#53
t-1,3-Dichloropropene
Concen: 51.245 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 143273
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

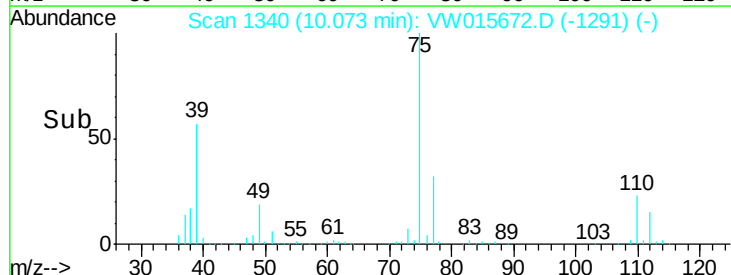
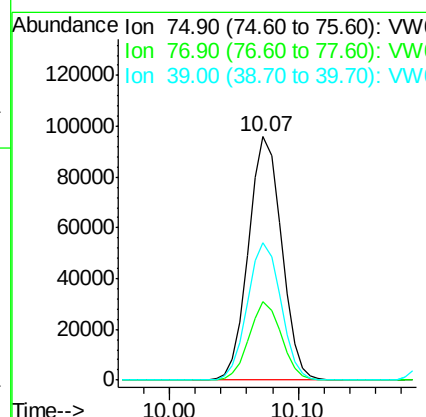
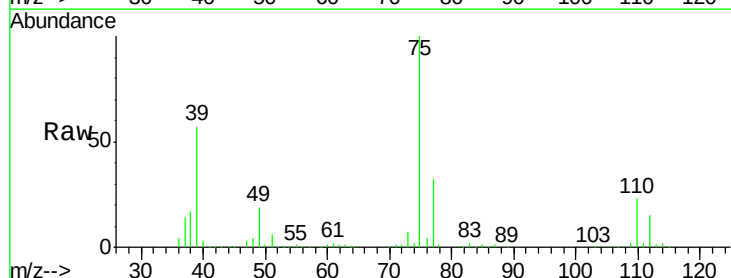
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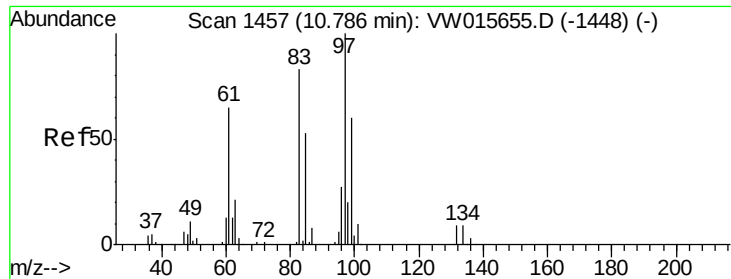
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#54
cis-1,3-Dichloropropene
Concen: 50.877 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 75 Resp: 169928
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 56.5 45.8 68.6





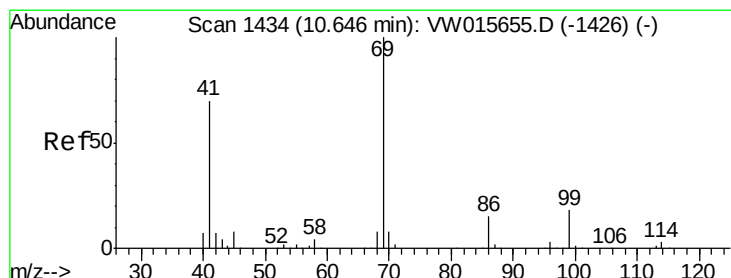
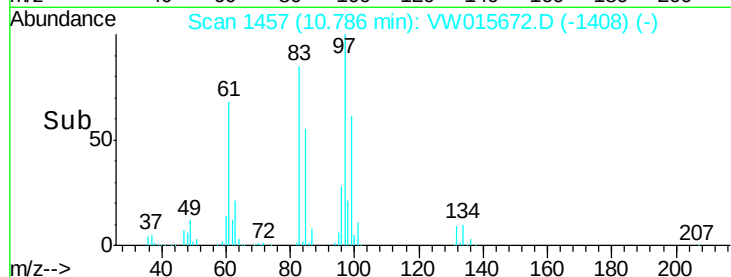
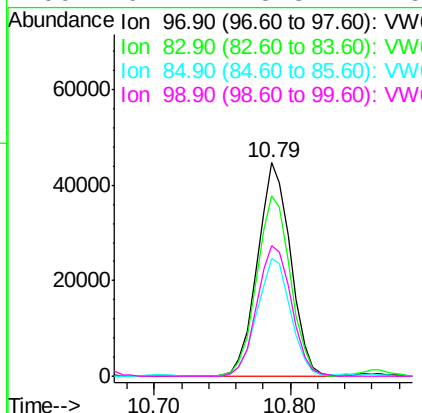
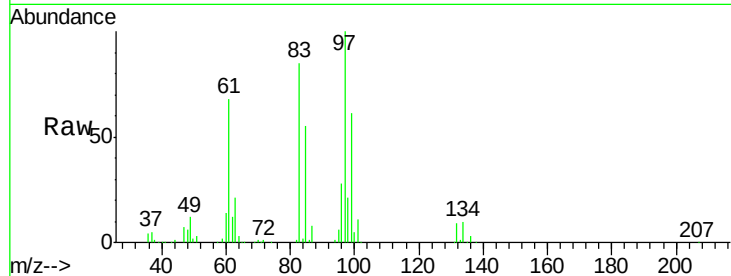
#55
 1,1,2-Trichloroethane
 Concen: 49.694 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	76659
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.3	99.5
85	55.1	42.5	63.7
99	61.4	48.3	72.5

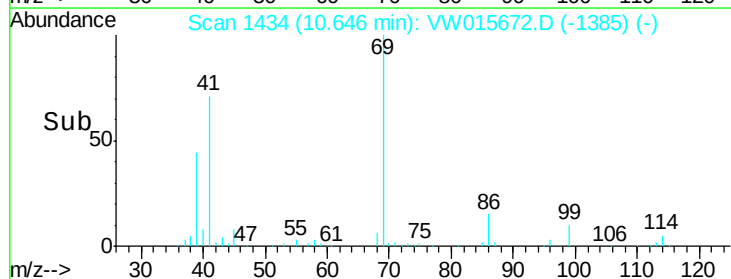
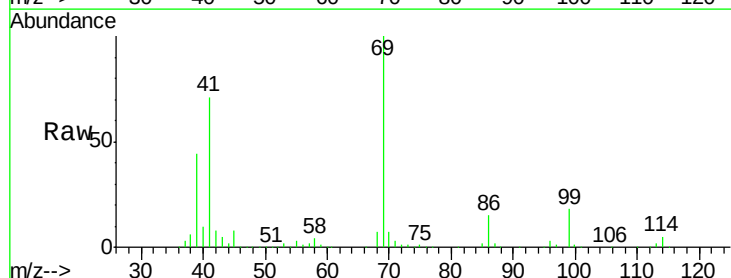
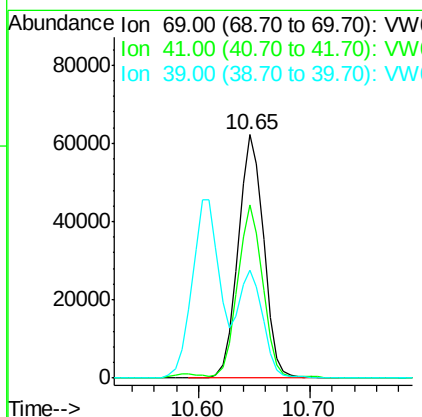
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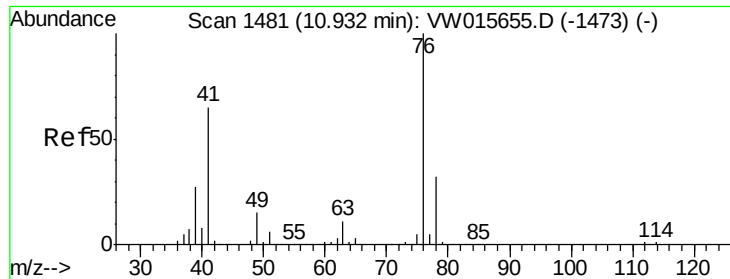
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#56
 Ethyl methacrylate
 Concen: 51.339 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion:	69	Resp:	98540
Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.8	83.6
39	43.0	29.5	44.3





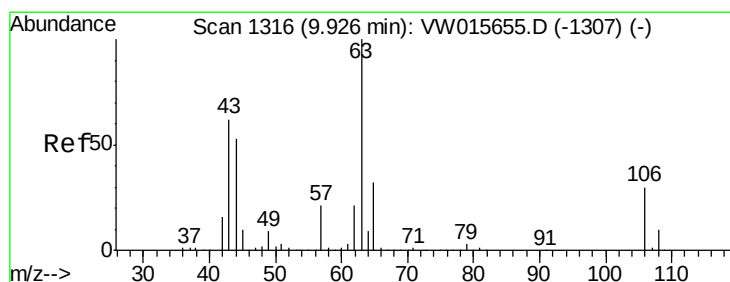
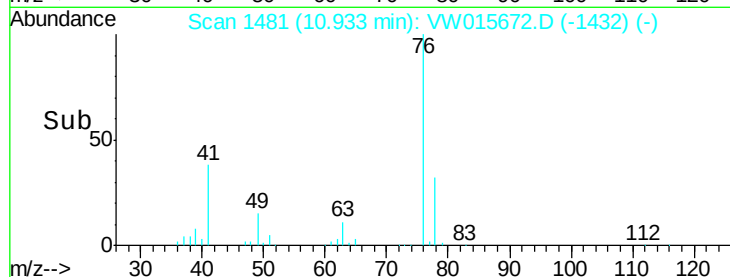
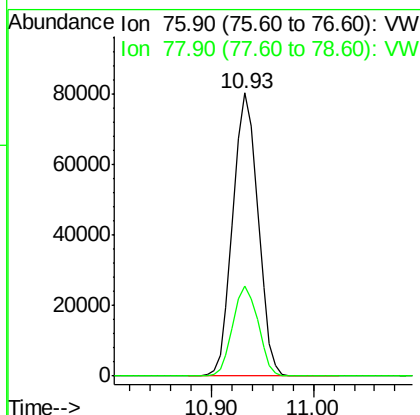
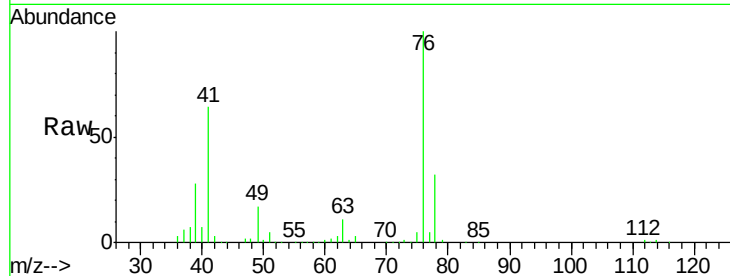
#57
 1,3-Dichloropropane
 Concen: 50.251 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 137426
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

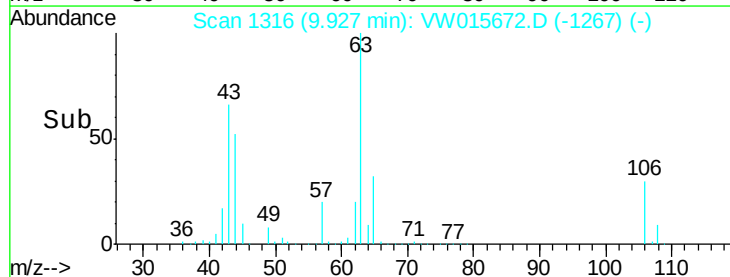
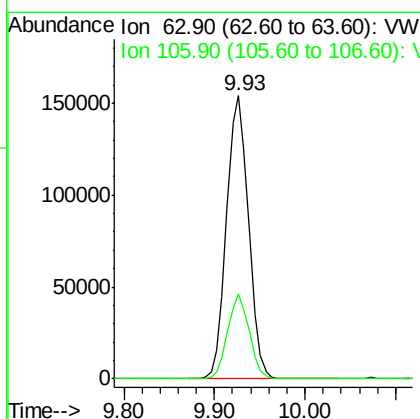
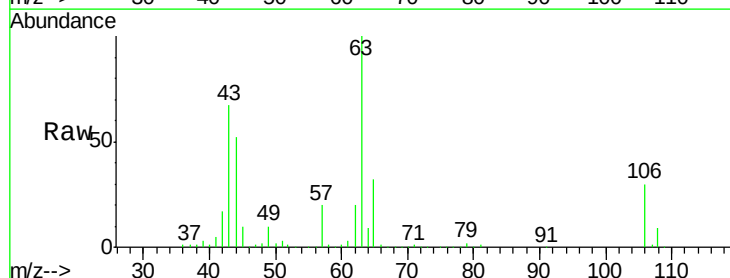
Manual Integrations
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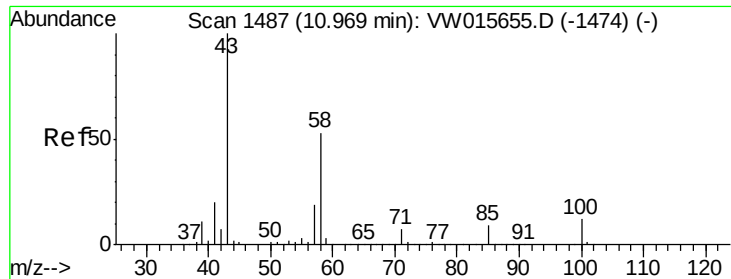
MMDadoda
 6/25/2020 4:15:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.044 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion: 63 Resp: 258908
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.3 34.9





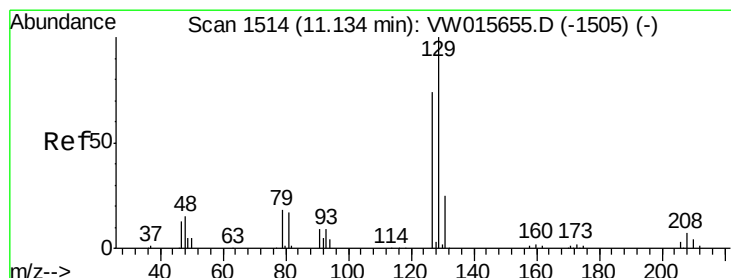
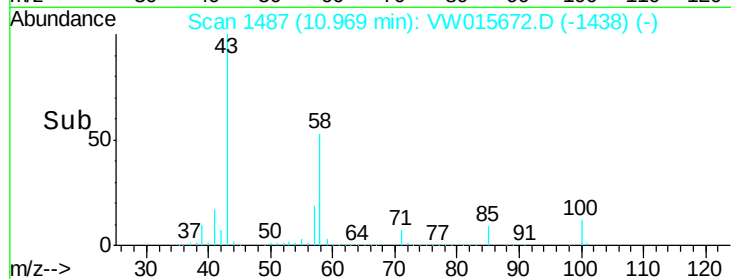
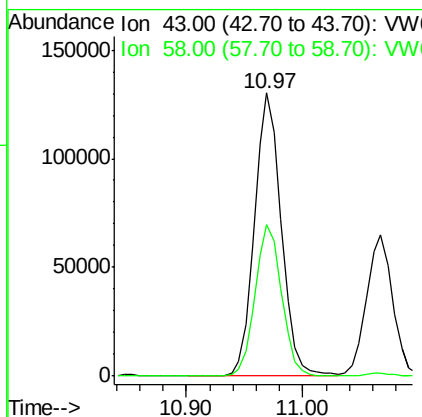
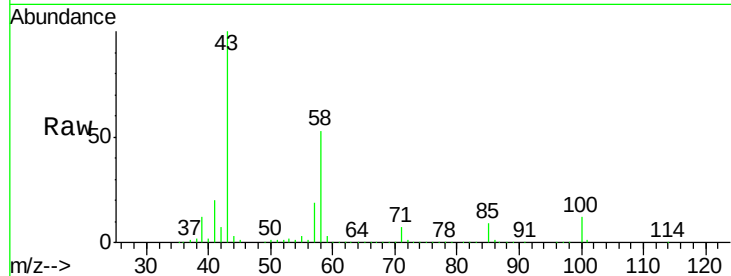
#59
2-Hexanone
Concen: 259.641 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.5	79.4

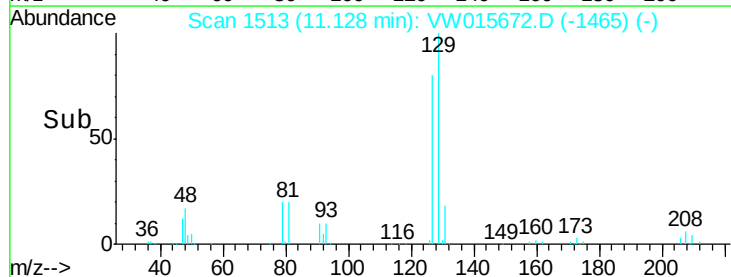
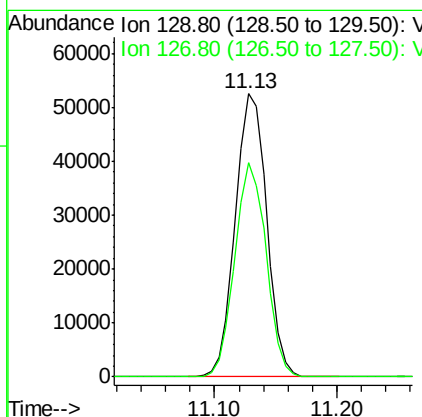
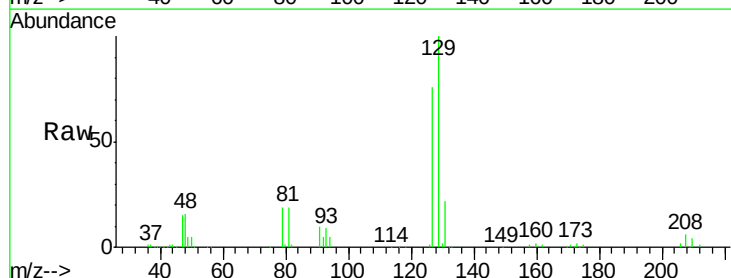
Manual Integrations
APPROVED

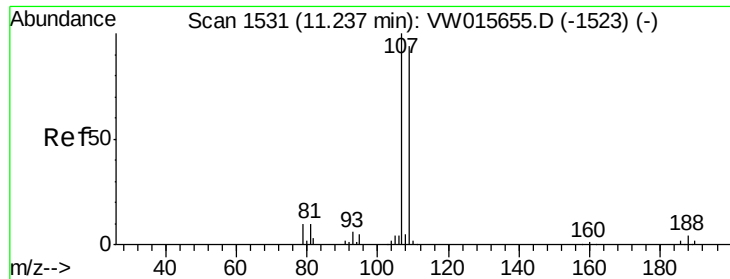
MMDadoda
6/25/2020 4:15:22 PM



#60
Dibromochloromethane
Concen: 52.018 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.2	38.0	114.1





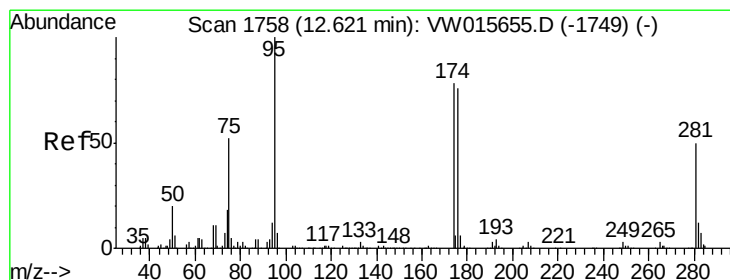
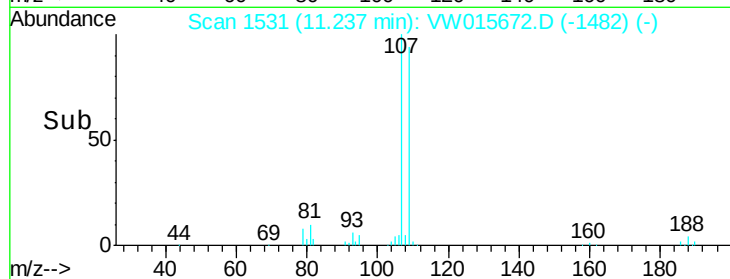
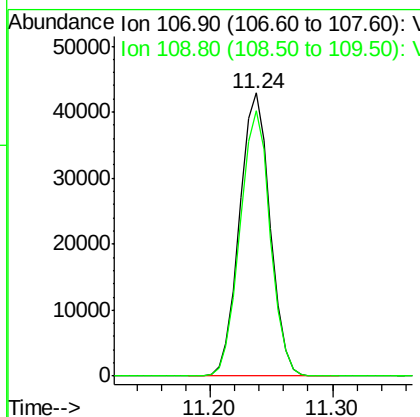
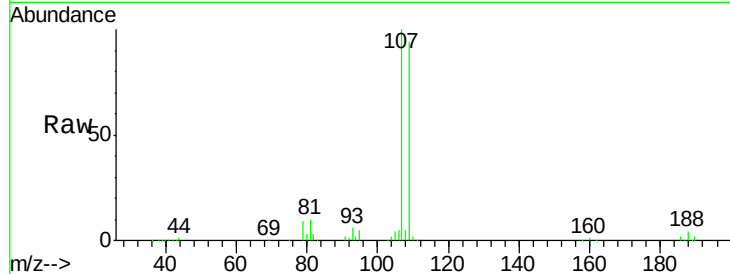
#61
 1,2-Dibromoethane
 Concen: 50.330 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.9	112.3

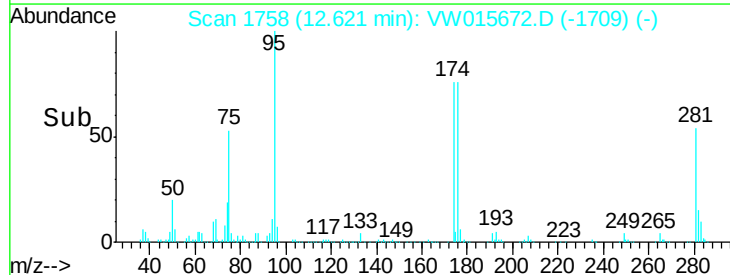
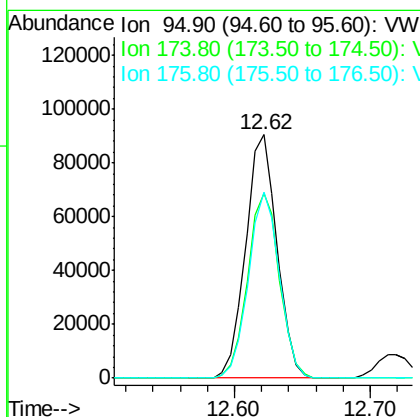
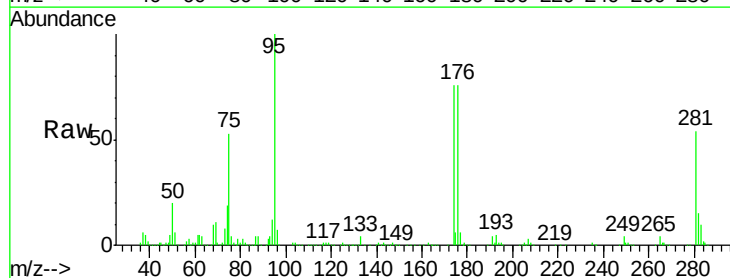
Manual Integrations
 APPROVED

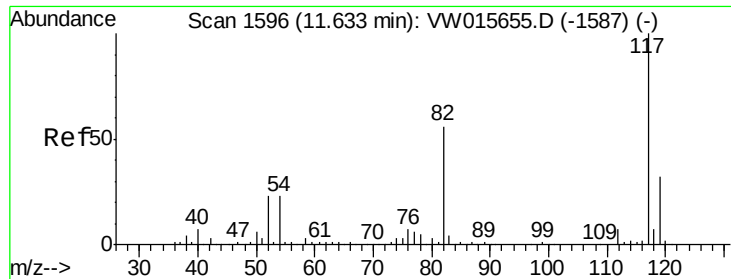
MMDadoda
 6/25/2020 4:15:22 PM



#62
 4-Bromofluorobenzene
 Concen: 51.594 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	157.0
176	75.6	0.0	151.4





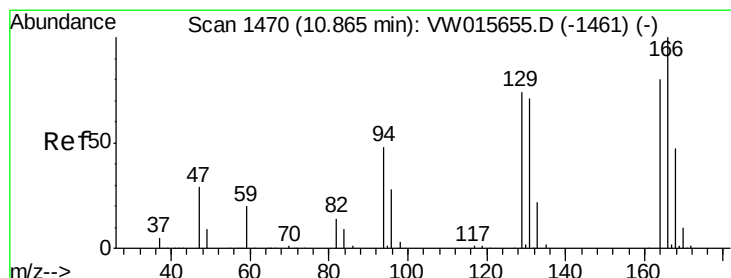
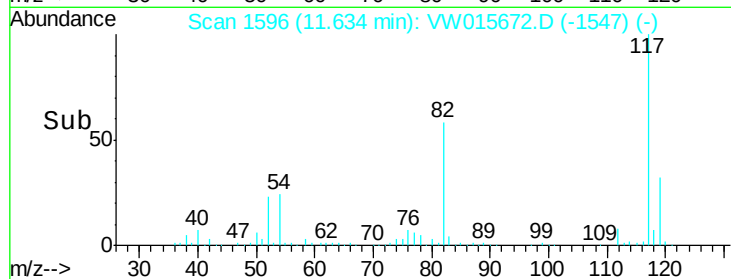
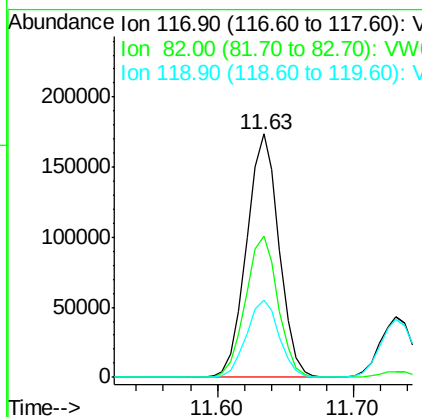
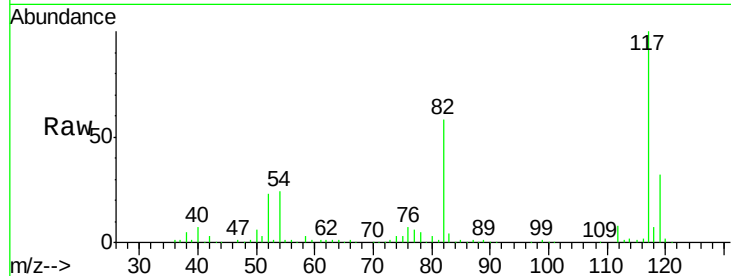
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.1	67.7
119	31.5	25.8	38.8

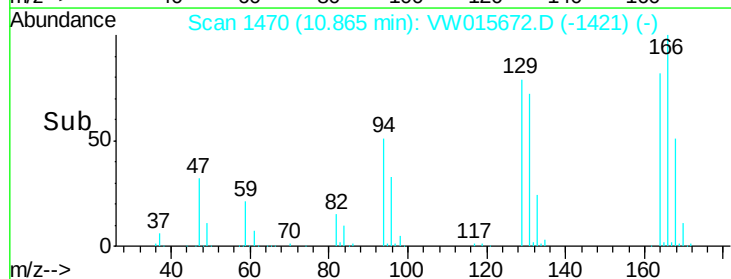
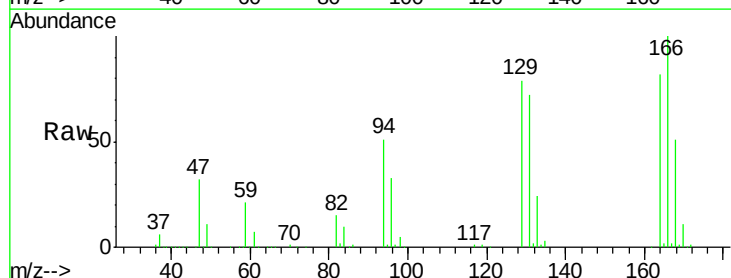
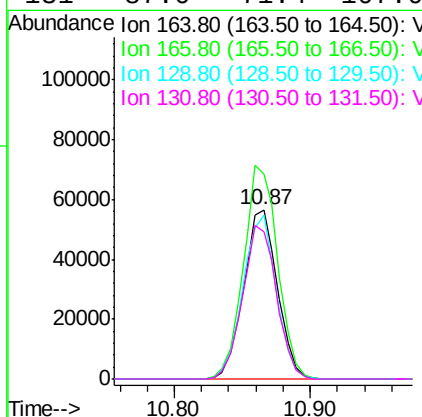
Manual Integrations
APPROVED

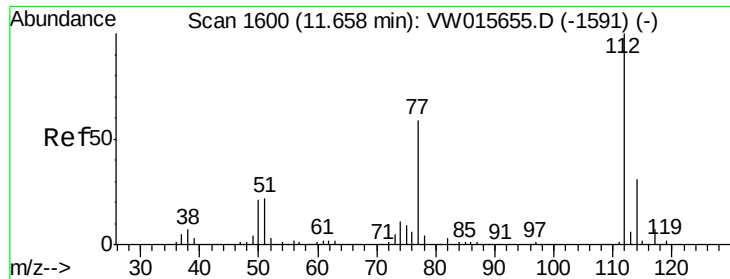
MMDadoda
6/25/2020 4:15:22 PM



#64
Tetrachloroethene
Concen: 48.397 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	99.9	149.9
129	96.6	74.2	111.2
131	87.0	71.4	107.0





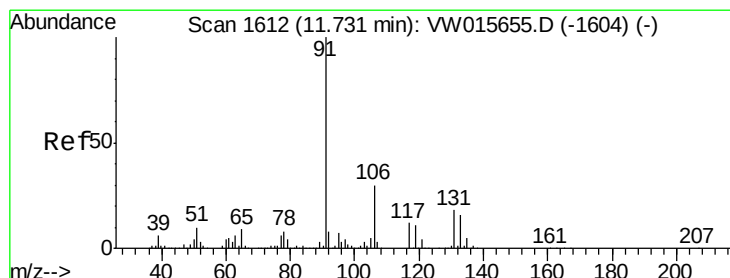
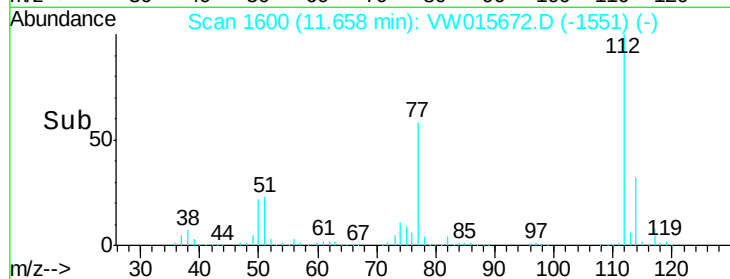
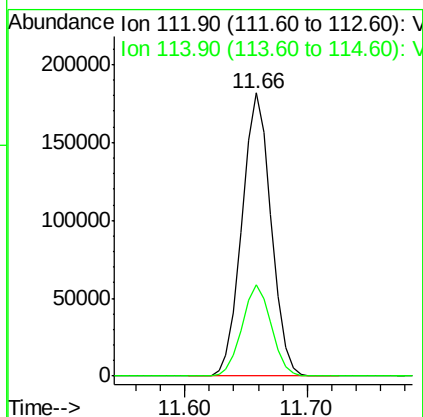
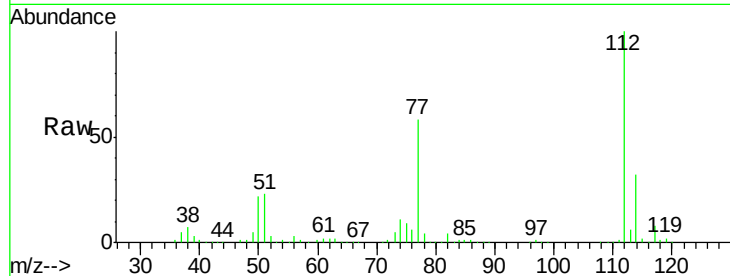
#65
Chlorobenzene
Concen: 49.200 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 300154
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3

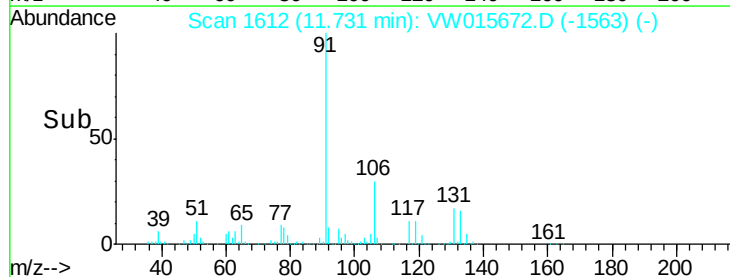
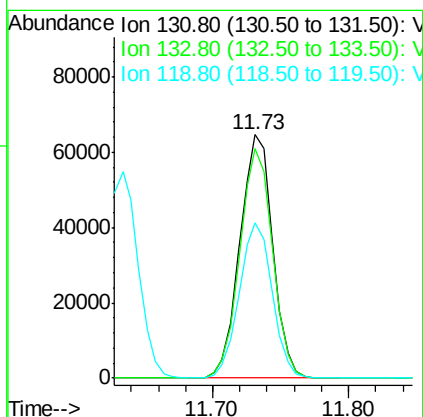
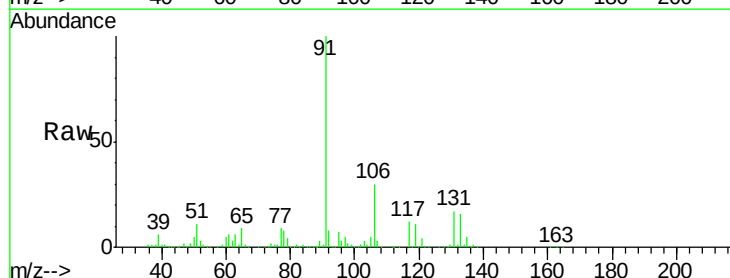
Manual Integrations
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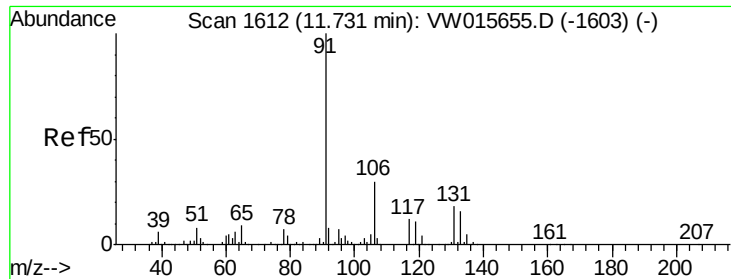
MMDadoda
6/25/2020 4:15:22 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.895 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion:131 Resp: 108867
Ion Ratio Lower Upper
131 100
133 94.3 46.5 139.5
119 64.0 32.5 97.5





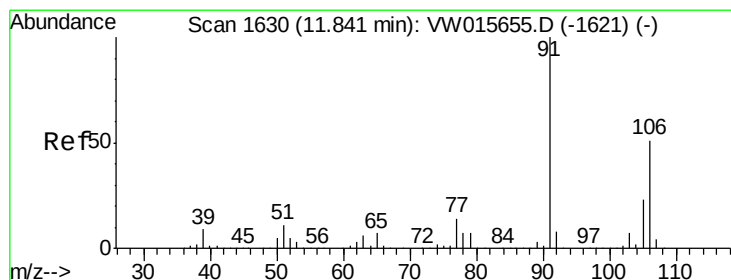
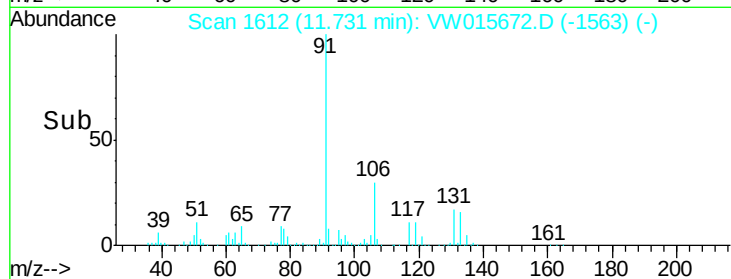
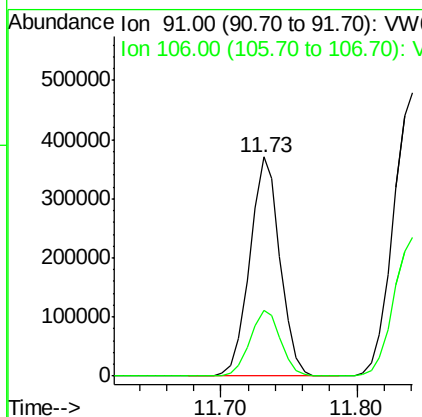
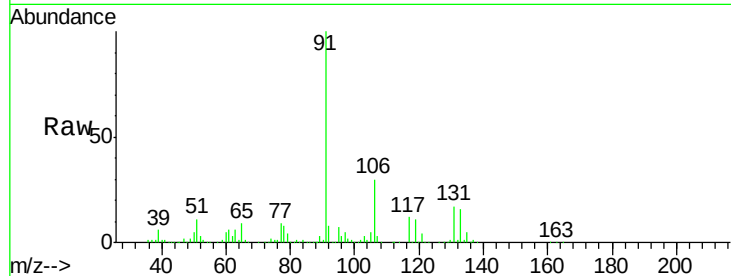
#67
Ethyl Benzene
Concen: 50.745 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 576137
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

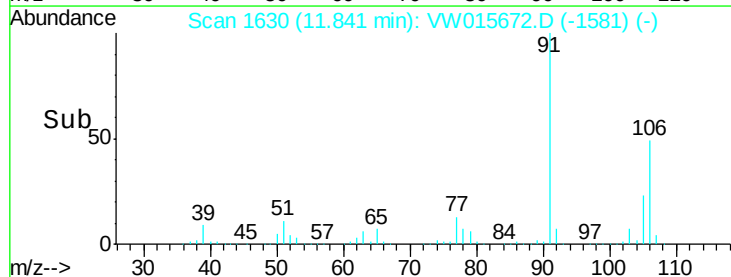
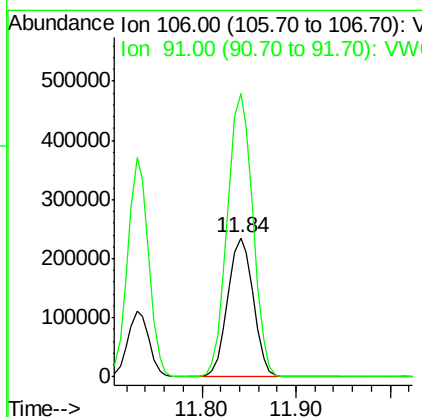
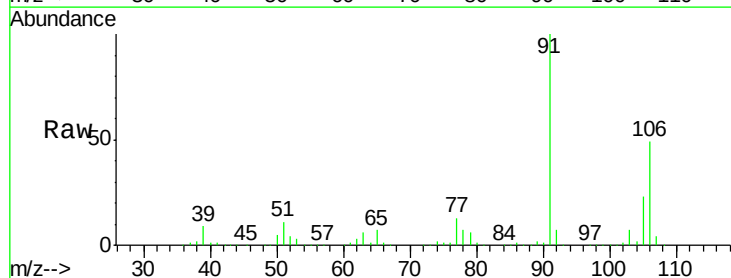
Manual Integrations
APPROVED

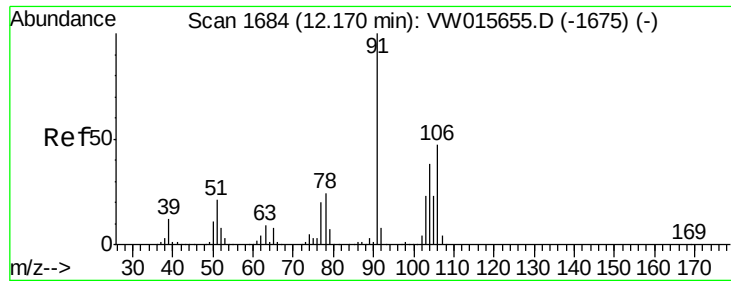
MMDadoda
6/25/2020 4:15:22 PM



#68
m/p-Xylenes
Concen: 103.425 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion: 106 Resp: 440929
Ion Ratio Lower Upper
106 100
91 203.8 162.6 244.0





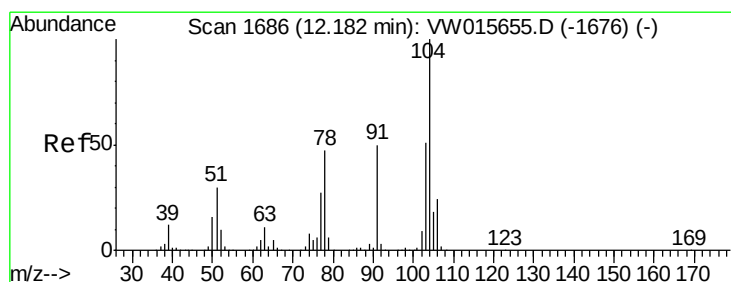
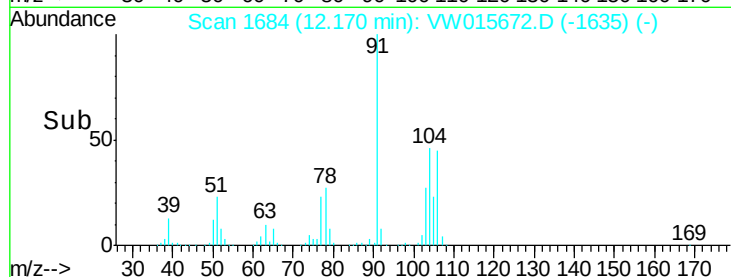
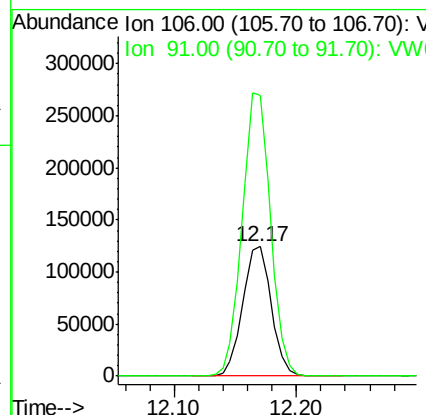
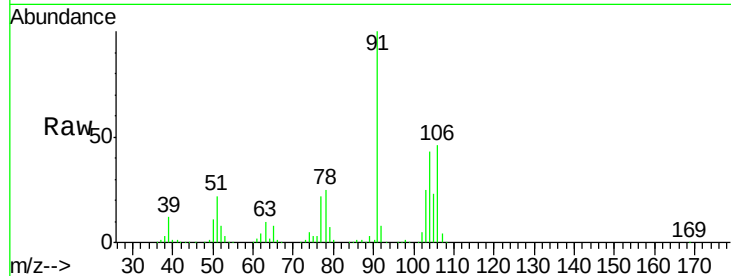
#69
o-Xylene
Concen: 51.280 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		201013		
91	217.6	108.3	324.9		

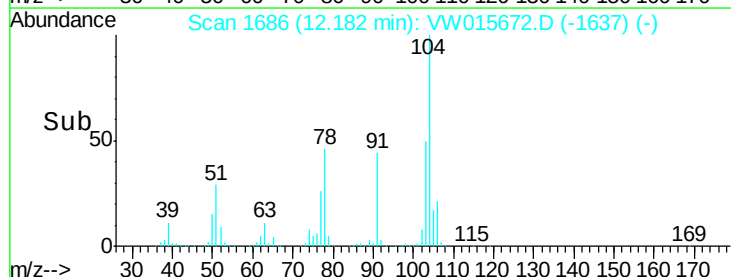
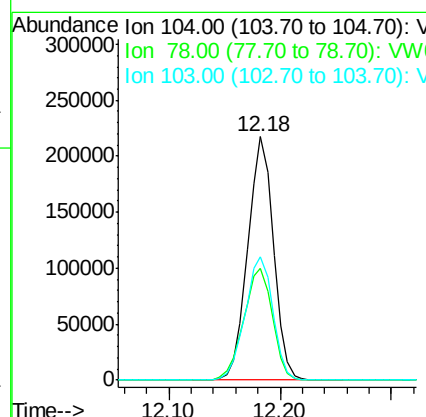
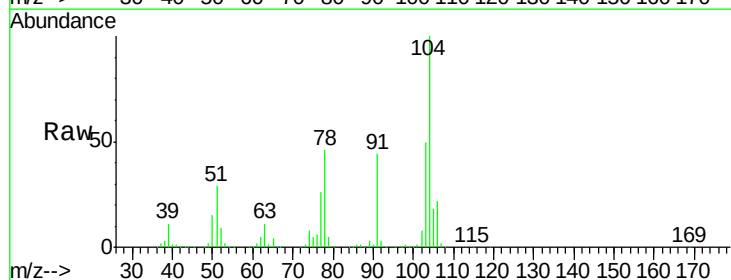
Manual Integrations
APPROVED

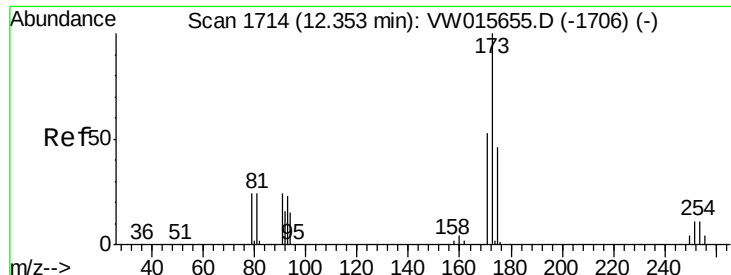
MMDadoda
6/25/2020 4:15:22 PM



#70
Styrene
Concen: 52.010 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		348325		
78	51.5	40.9	61.3		
103	54.9	43.1	64.7		





#71

Bromoform

Concen: 51.841 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

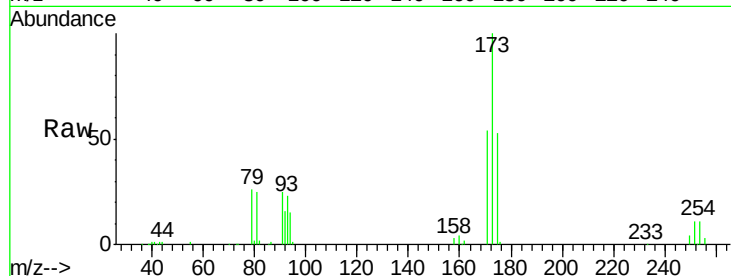
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.5	70.6
254	0.0	0.1	0.1

Manual Integrations
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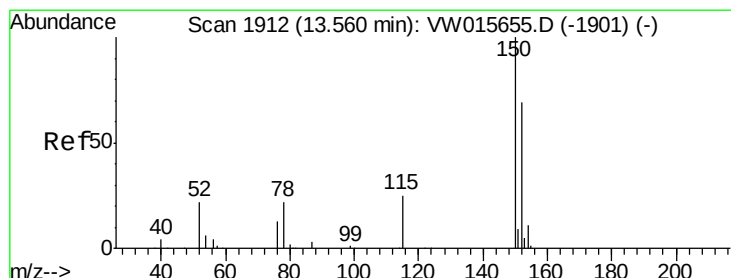
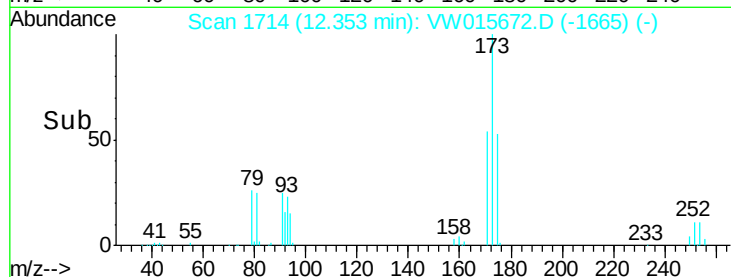
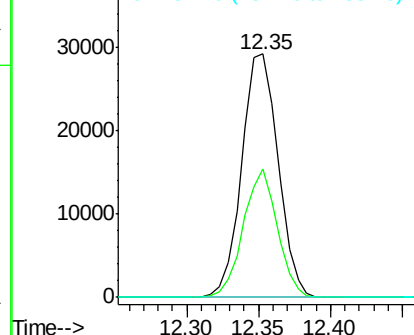


Abundance

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

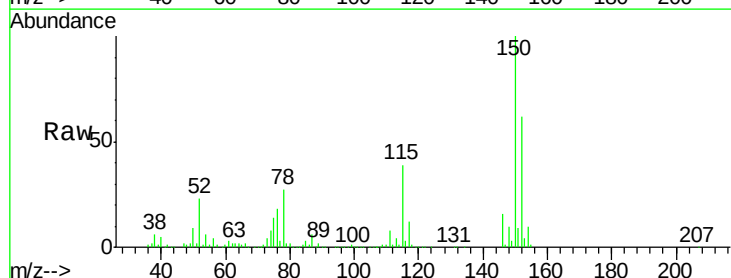
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	176.5	0.0	345.6

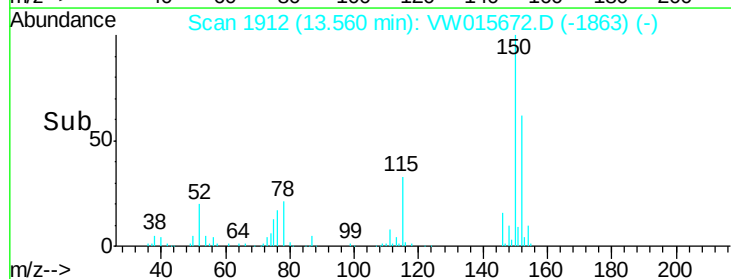
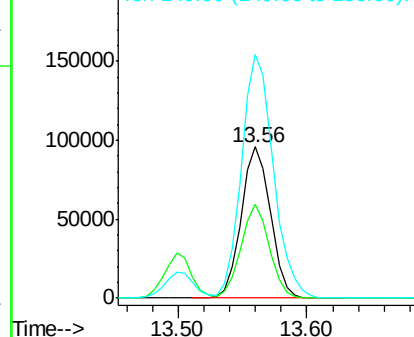


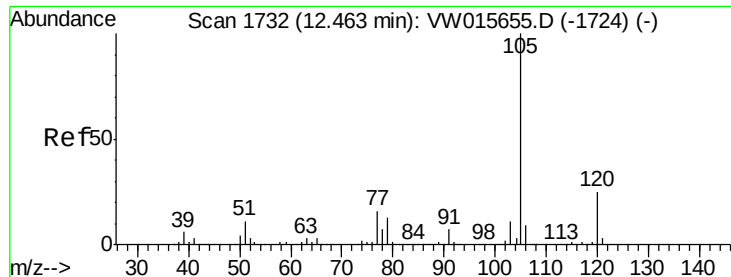
Abundance

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: 49.929 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 571171

Ion Ratio Lower Upper

105 100

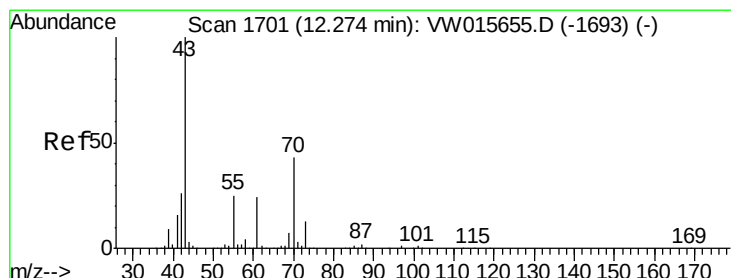
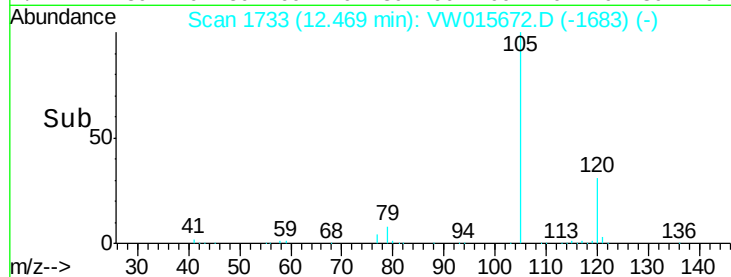
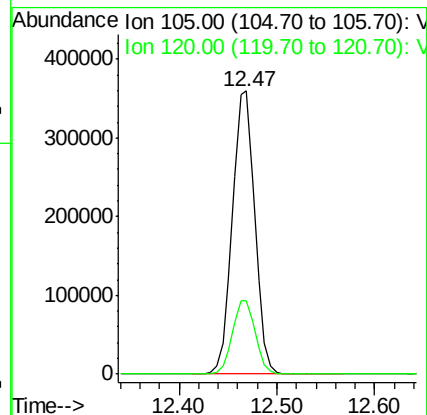
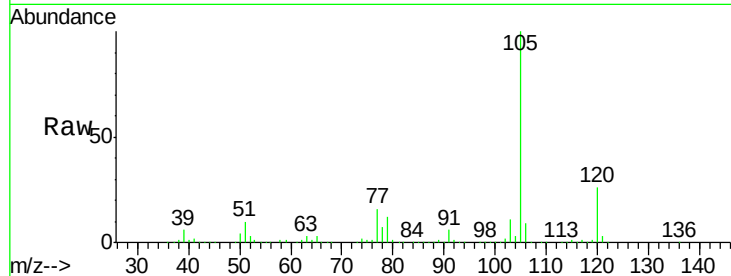
120 26.3 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.818 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Tgt Ion: 43 Resp: 118385

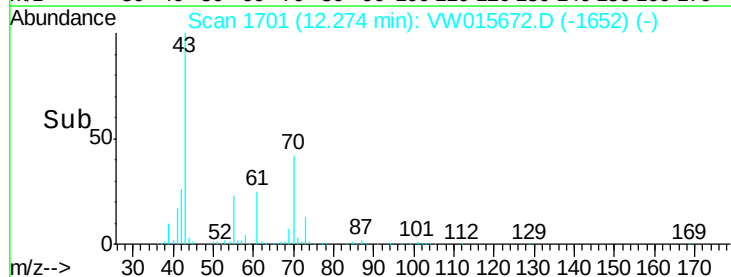
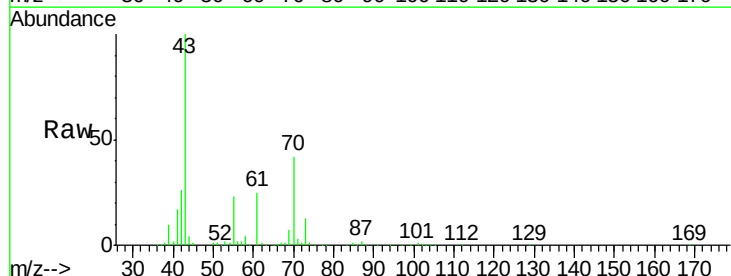
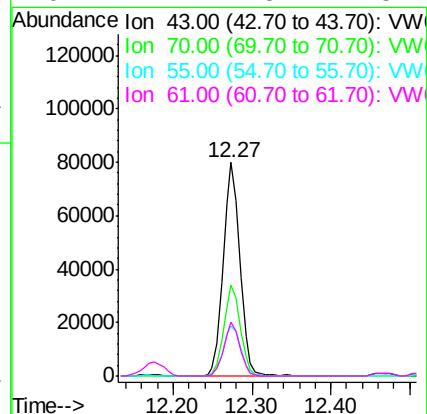
Ion Ratio Lower Upper

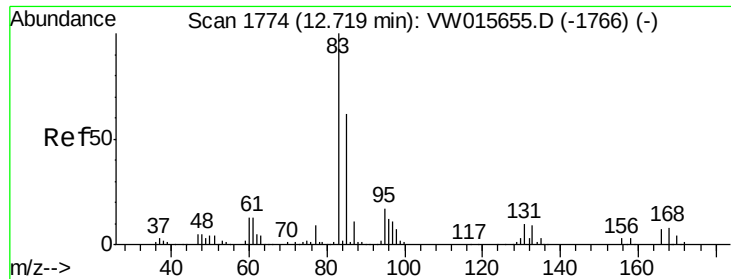
43 100

70 42.1 33.6 50.4

55 24.7 19.7 29.5

61 24.2 18.7 28.1





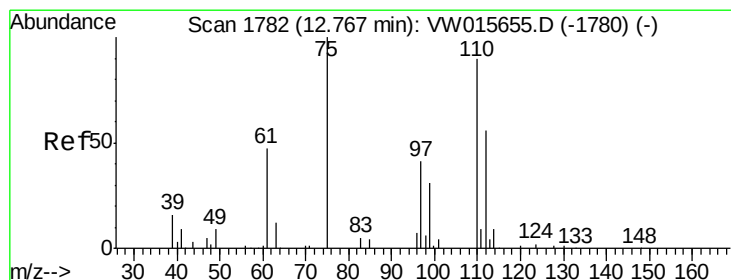
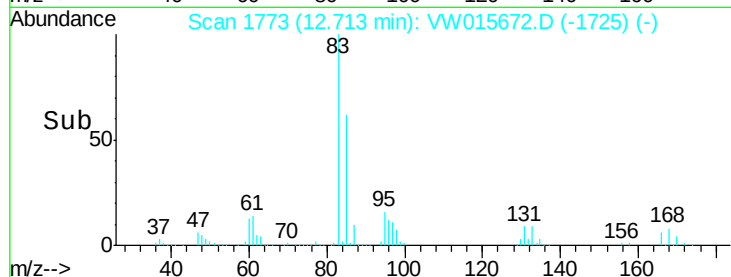
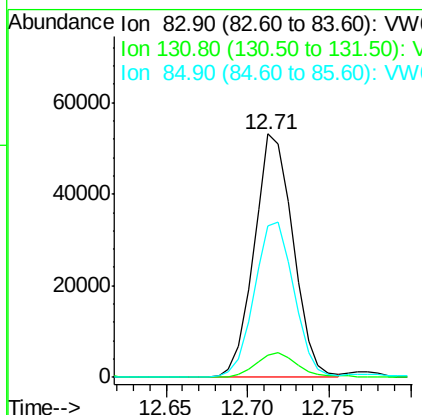
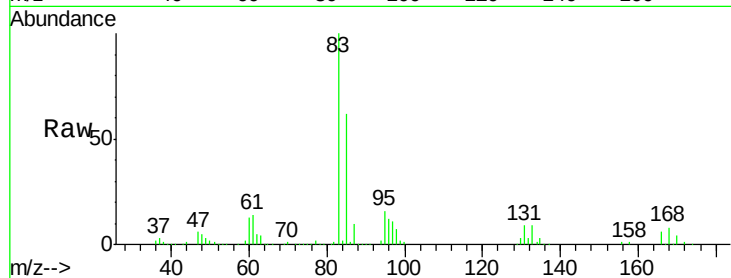
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.048 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	87932
Ion Ratio	100	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	64.8	31.9	95.7

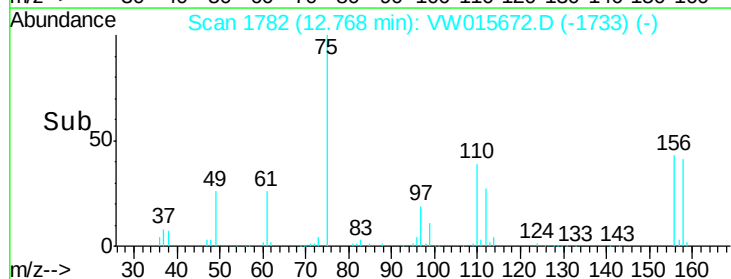
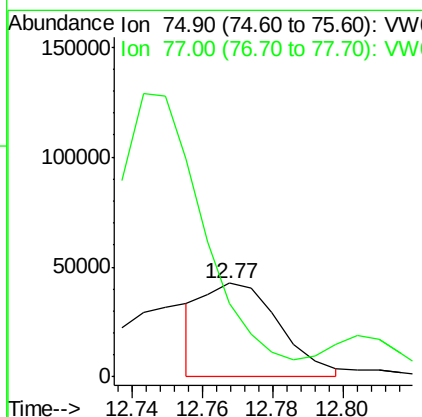
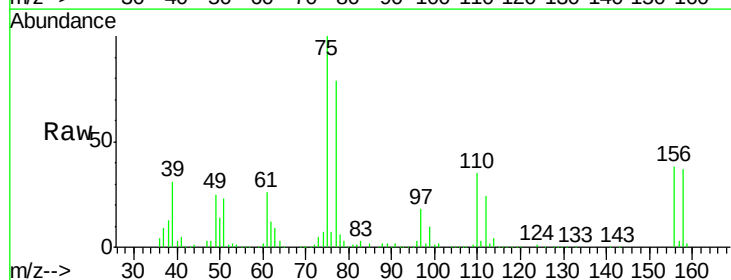
Manual Integrations
 APPROVED

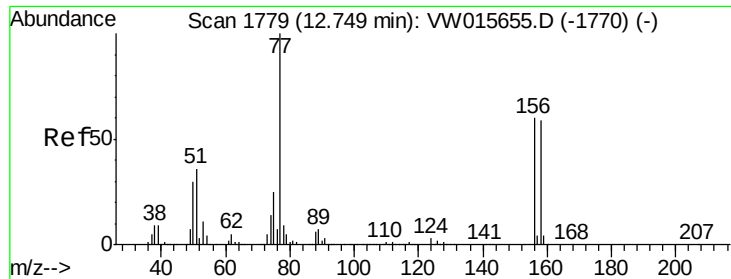
MMDadoda
 6/25/2020 4:15:22 PM



#76
 1,2,3-Trichloropropane
 Concen: 47.071 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	75	Resp	64387
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	179.1	537.1#





#77

Bromobenzene

Concen: 48.406 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

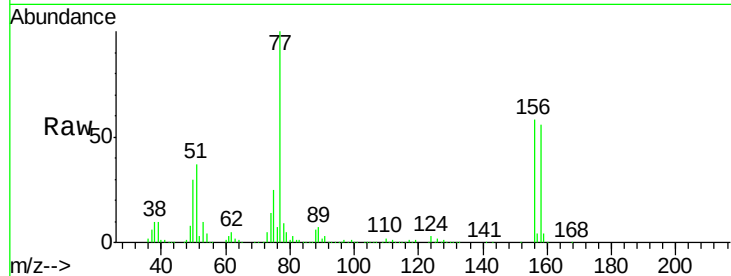
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	123475
Ion Ratio	Lower	Upper	
156	100		
77	191.7	94.5	283.5
158	97.7	47.9	143.6

Manual Integrations
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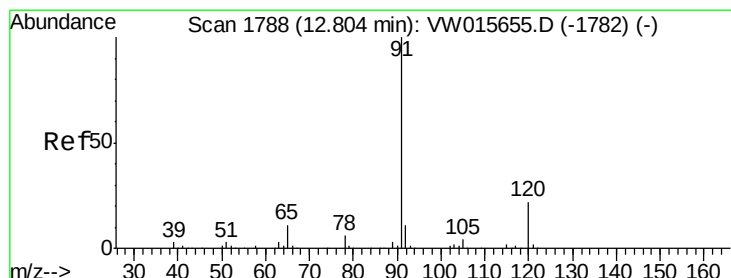
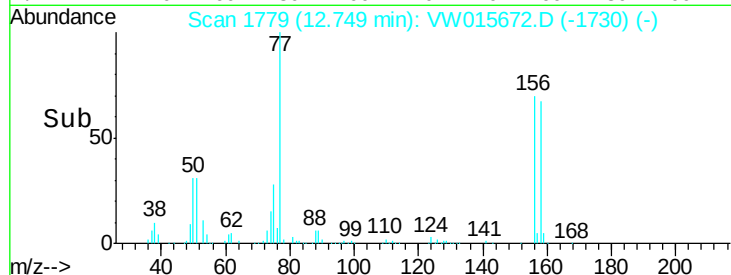
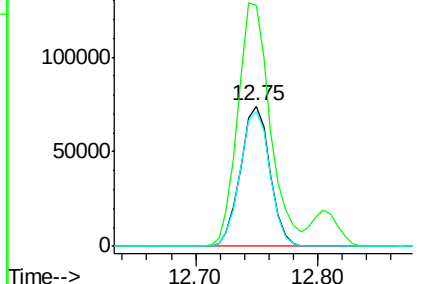
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.788 ug/l

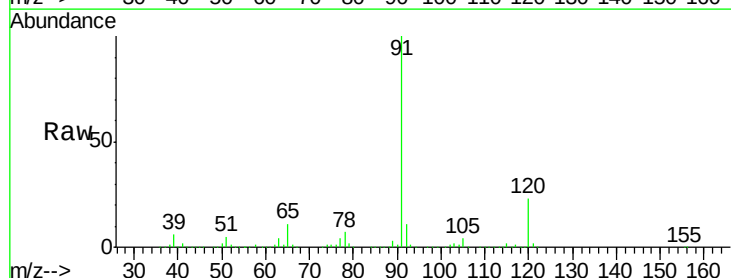
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015672.D

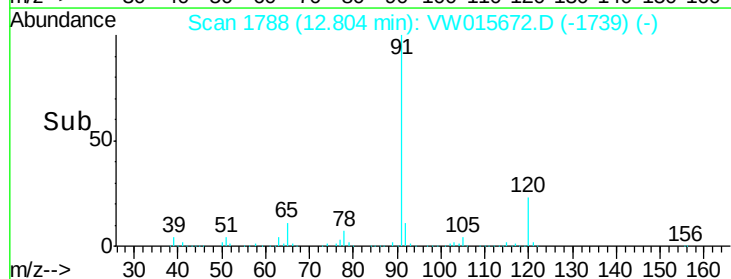
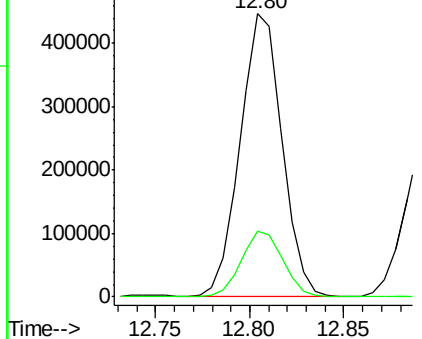
Acq: 24 Jun 2020 10:16

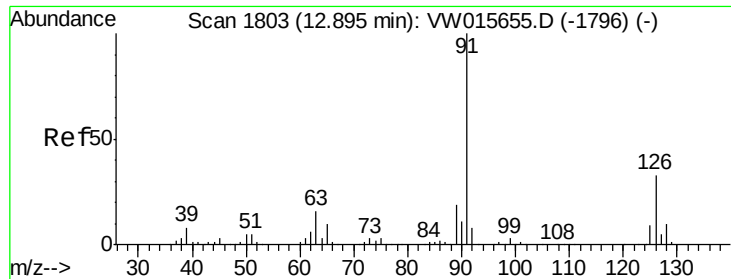
Tgt Ion:	91	Resp:	685564
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.522 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 383949

Ion Ratio Lower Upper

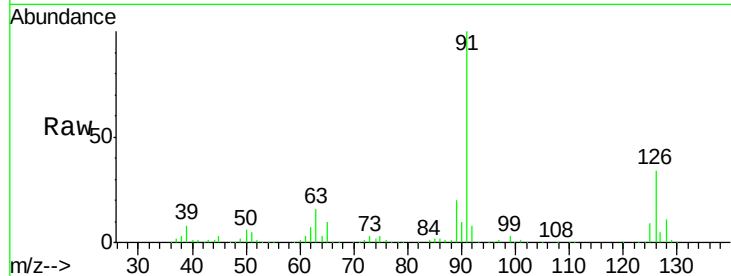
91 100

126 32.9 16.6 49.8

Manual Integrations
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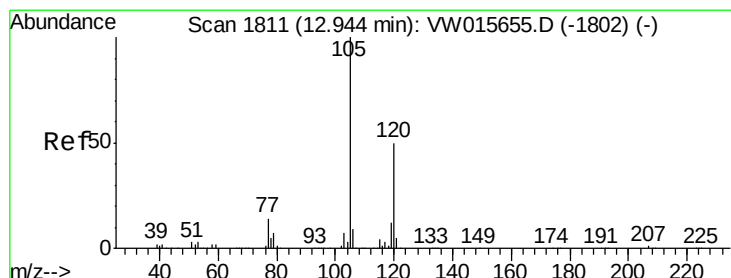
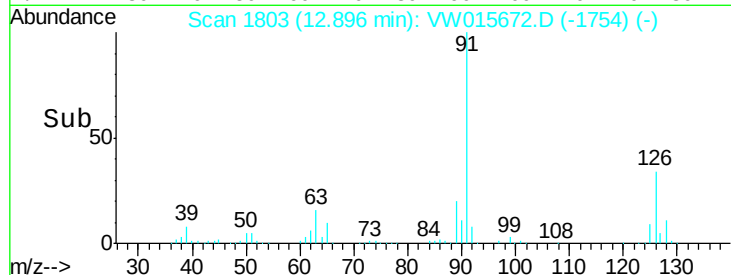
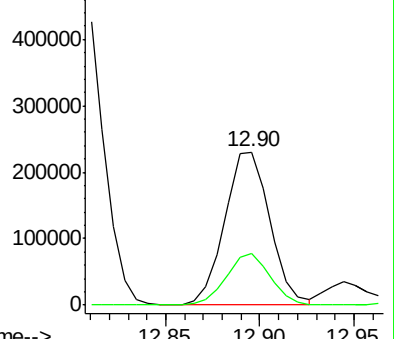
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.533 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015672.D

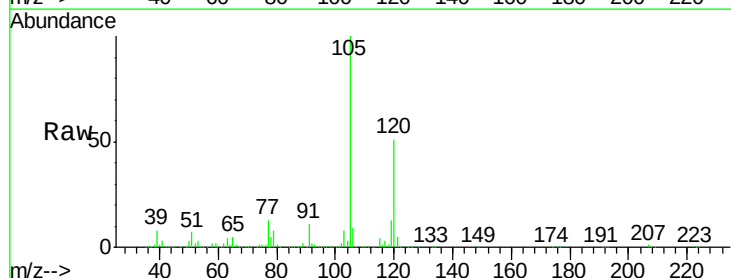
Acq: 24 Jun 2020 10:16

Tgt Ion: 105 Resp: 489828

Ion Ratio Lower Upper

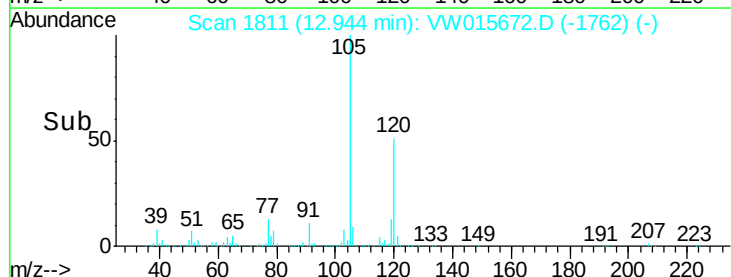
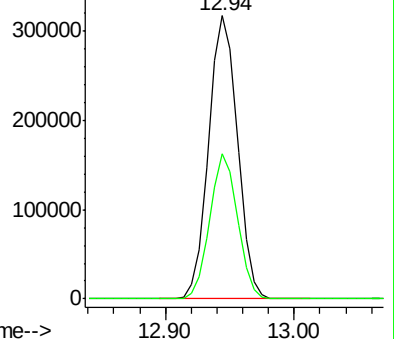
105 100

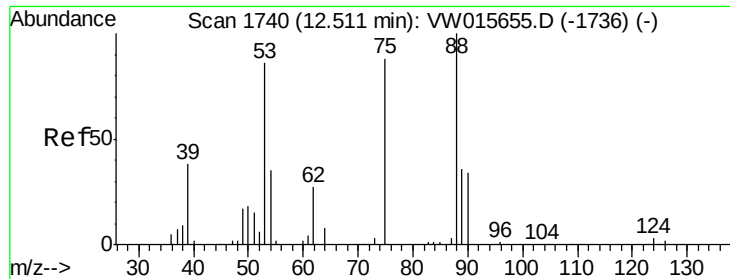
120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





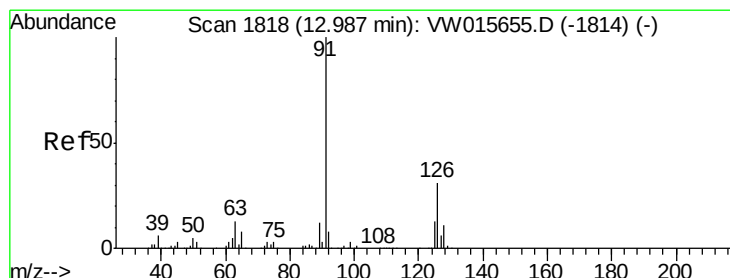
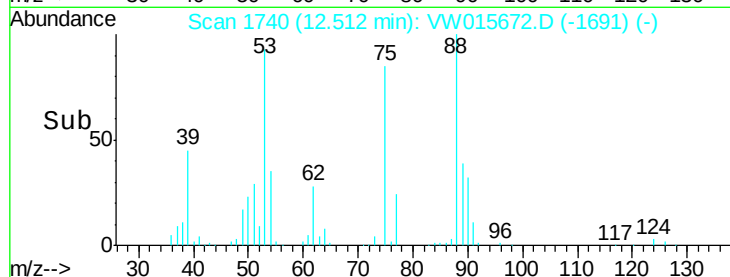
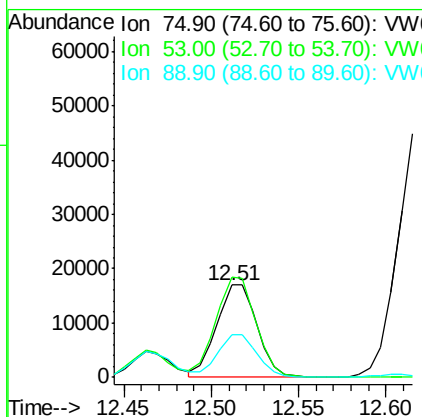
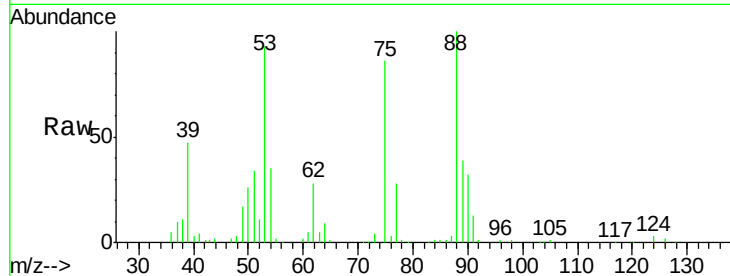
#81
trans-1,4-Dichloro-2-butene
Concen: 49.818 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.2	83.8	125.8
89	46.0	36.6	55.0

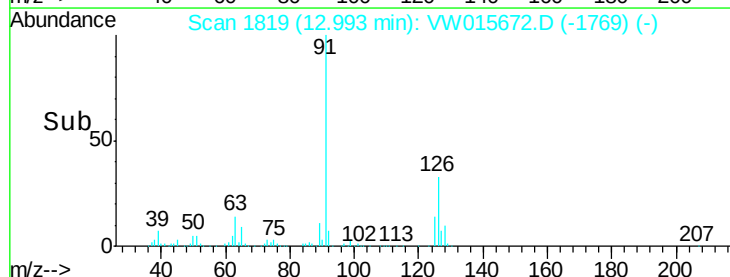
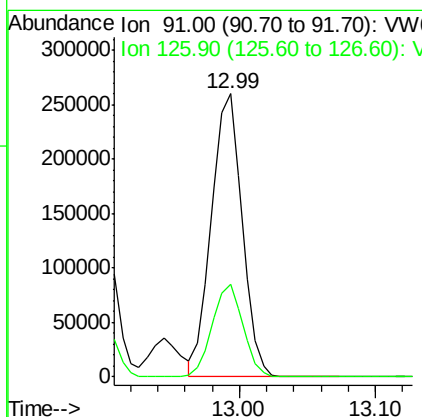
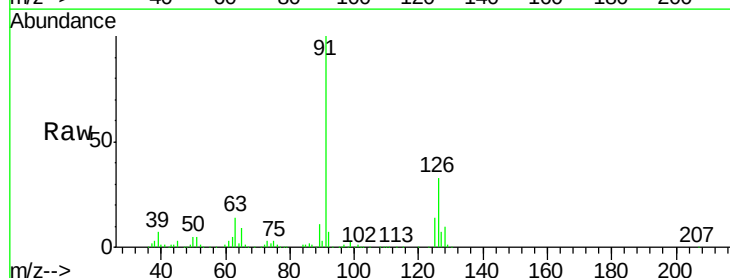
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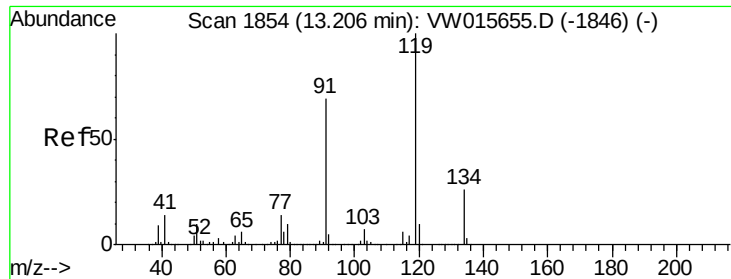
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#82
4-Chlorotoluene
Concen: 49.714 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.9





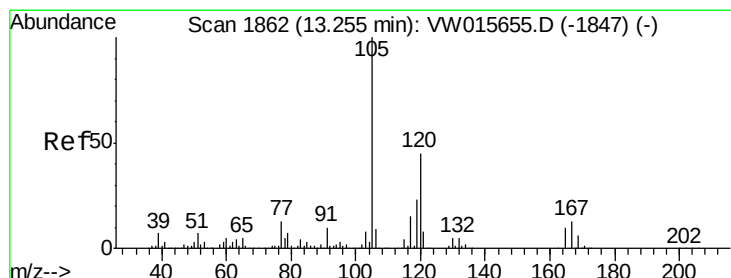
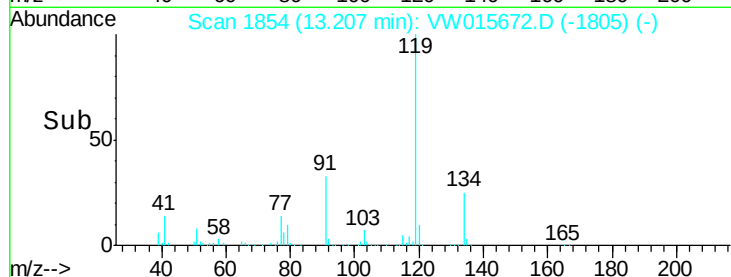
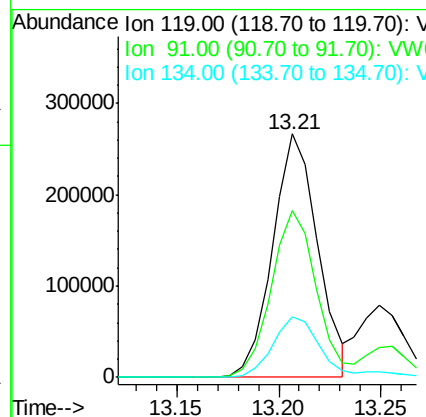
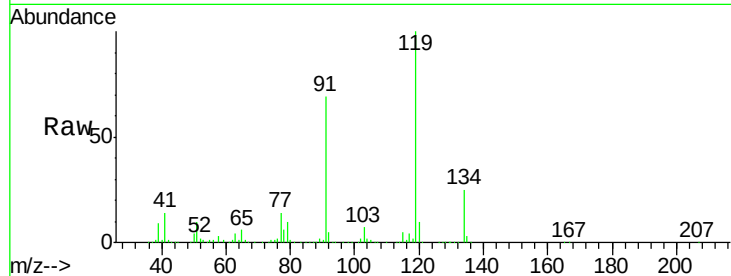
#83
tert-Butylbenzene
Concen: 49.999 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	409498		
91	69.3		34.7	104.1
134	25.5		13.8	41.4

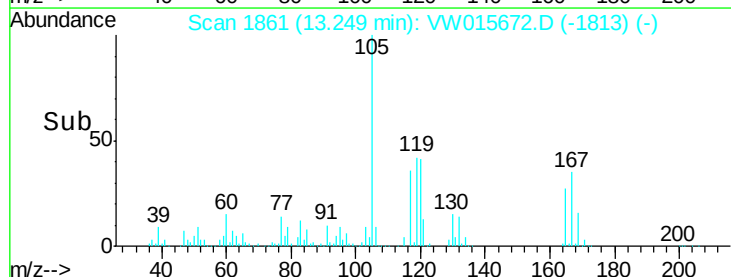
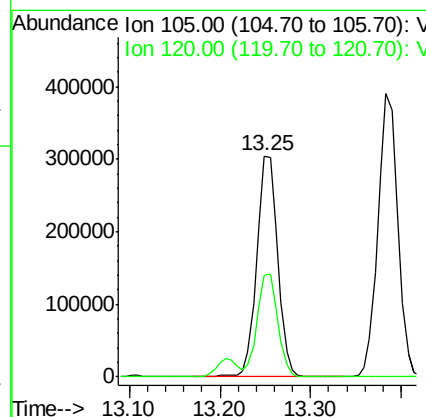
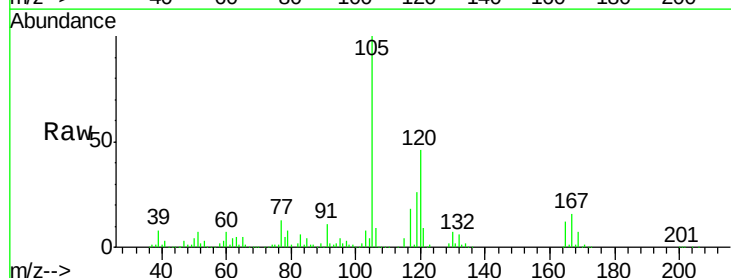
Manual Integrations
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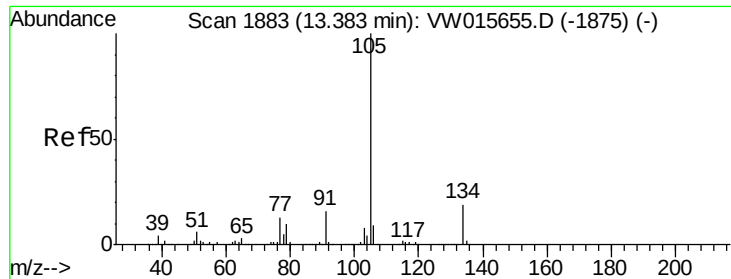
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#84
1,2,4-Trimethylbenzene
Concen: 50.396 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	487164		
120	45.8		22.8	68.3





#85

sec-Butylbenzene

Concen: 50.623 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 592539

Ion Ratio Lower Upper

105 100

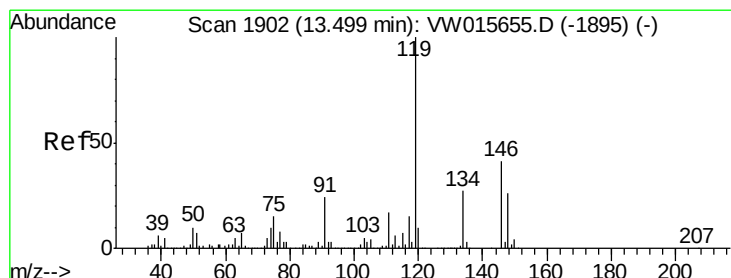
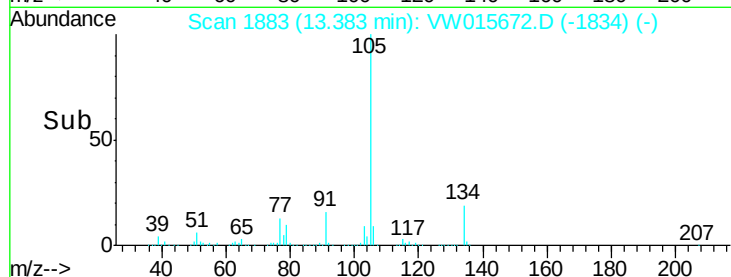
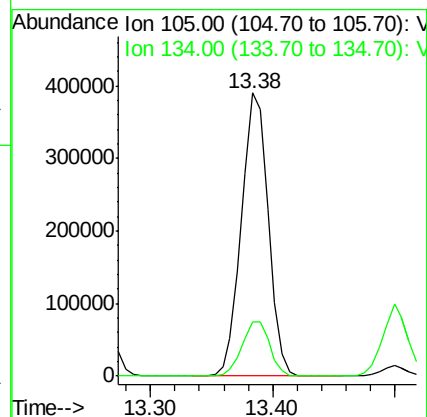
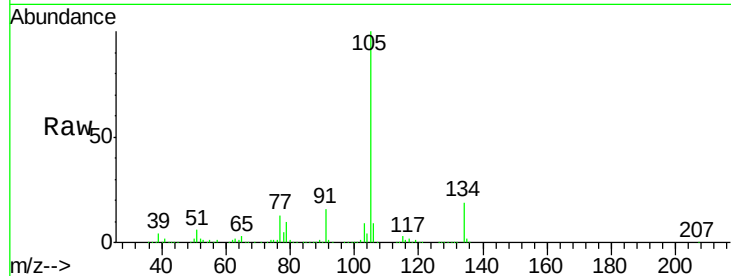
134 19.9 10.0 29.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.394 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015672.D

Acq: 24 Jun 2020 10:16

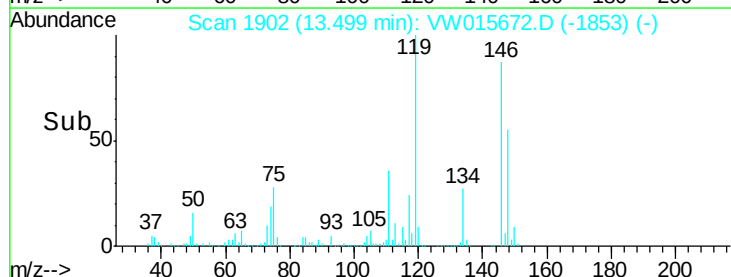
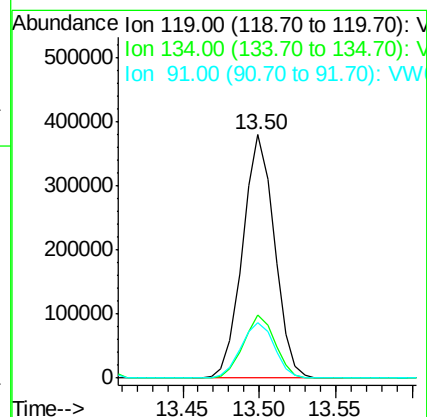
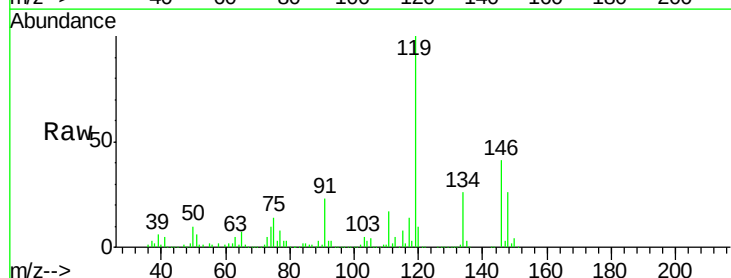
Tgt Ion:119 Resp: 546563

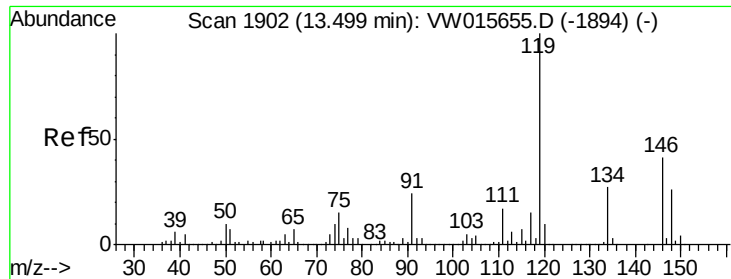
Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

91 23.7 12.3 36.8





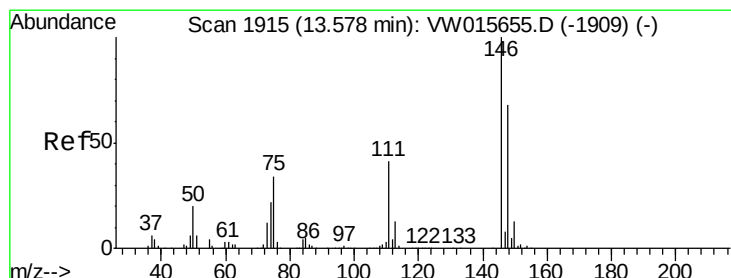
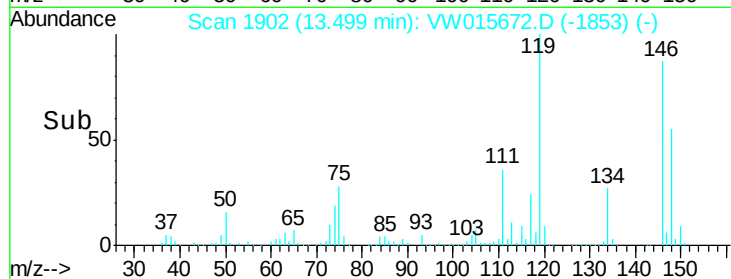
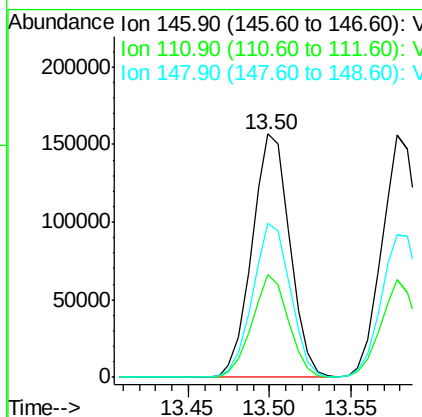
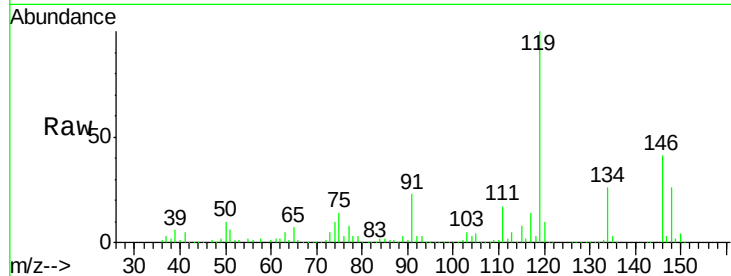
#87
 1,3-Dichlorobenzene
 Concen: 49.961 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	63.4	31.6	94.7

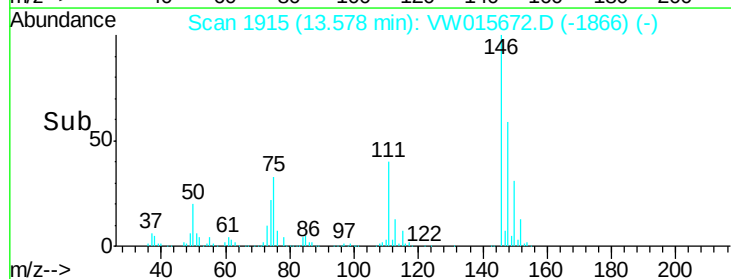
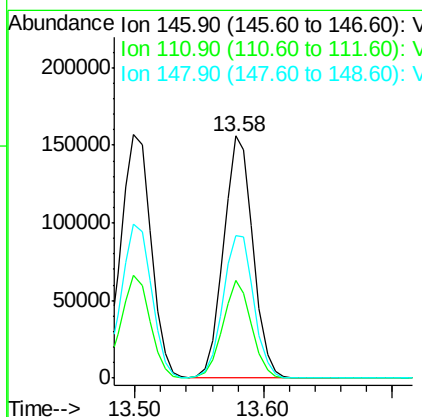
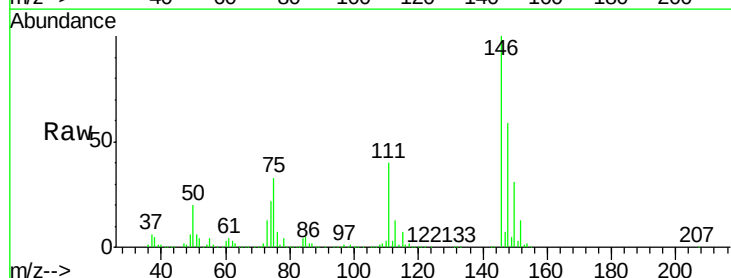
Manual Integrations
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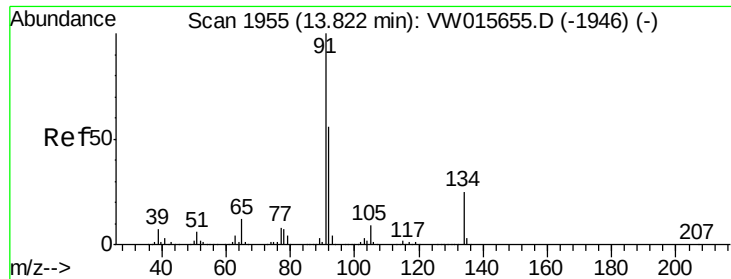
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#88
 1,4-Dichlorobenzene
 Concen: 49.790 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	61.4	33.7	101.1





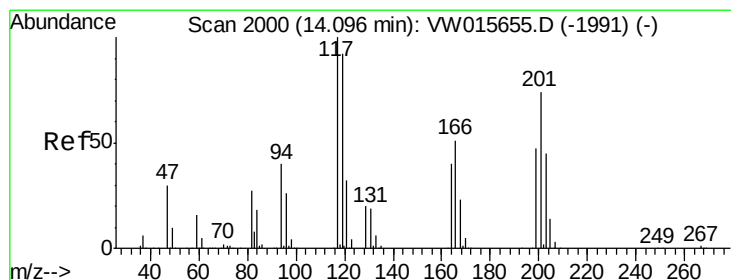
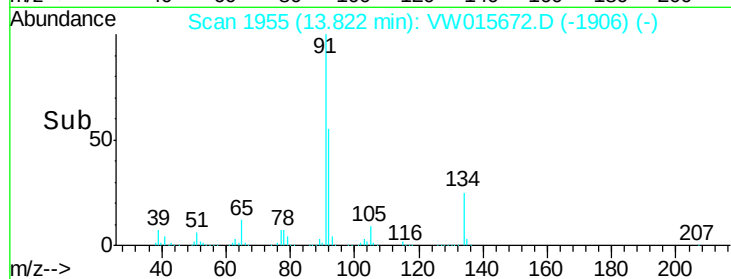
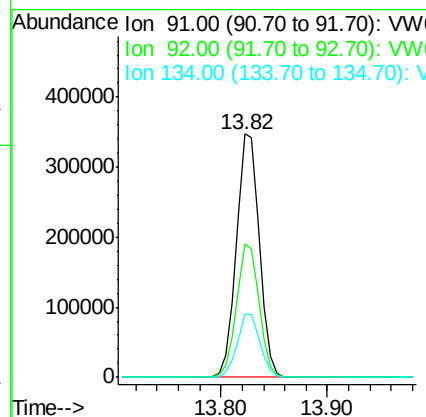
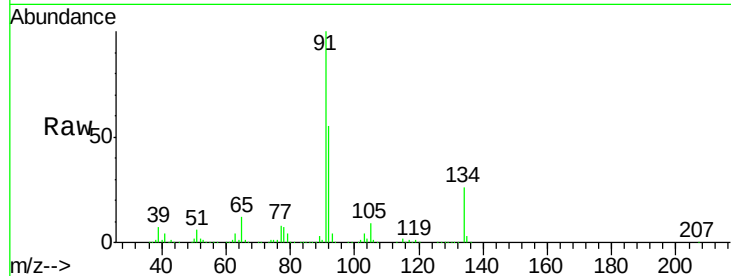
#89
n-Butylbenzene
Concen: 51.527 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.4
134	25.8	13.0	38.9

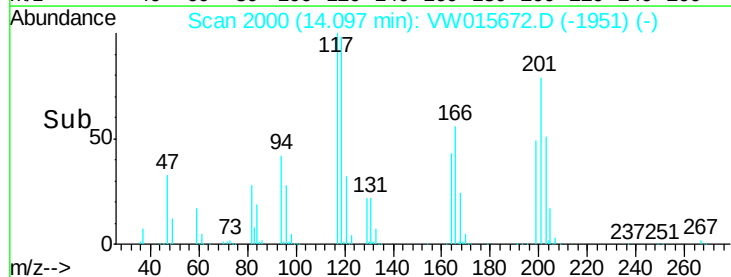
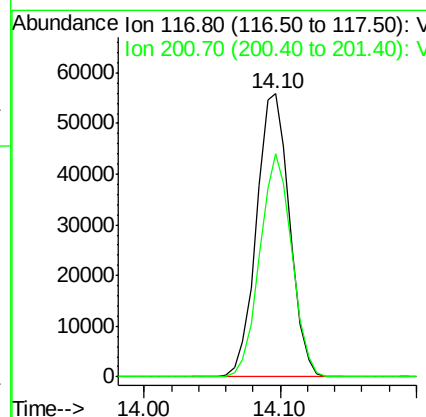
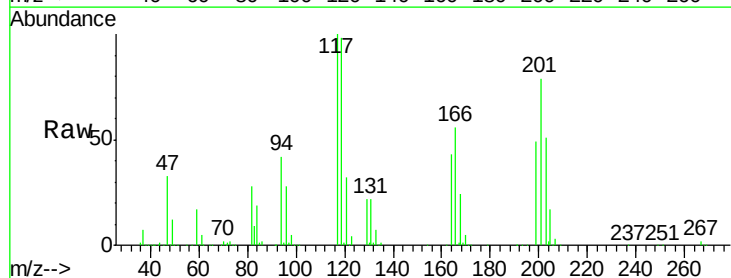
Manual Integrations
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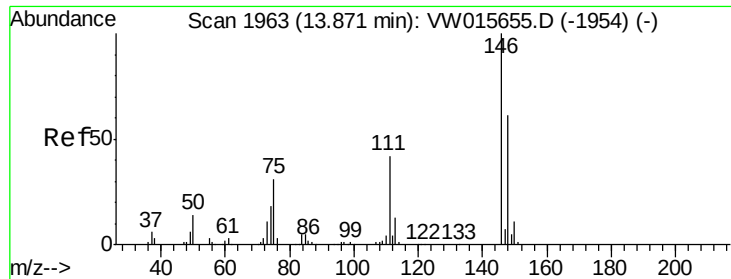
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#90
Hexachloroethane
Concen: 50.465 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.1	37.1	111.5





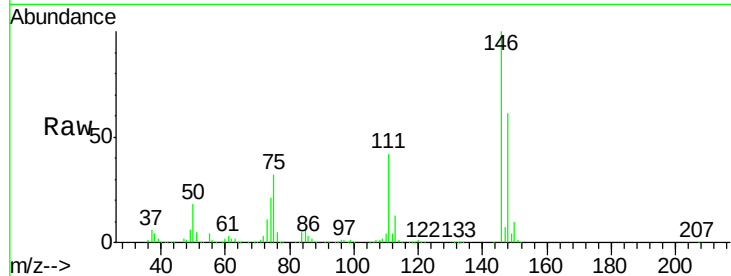
#91
 1,2-Dichlorobenzene
 Concen: 49.500 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	64.5	32.2	96.6

Manual Integrations
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 6/25/2020 4:15:22 PM

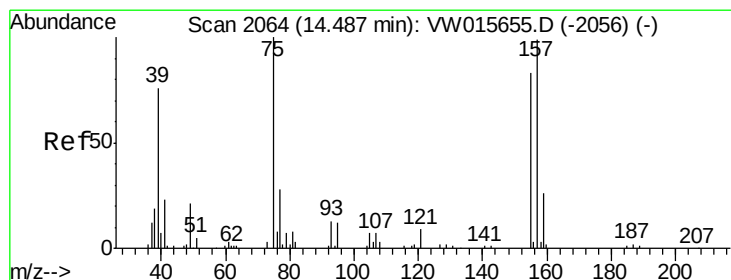
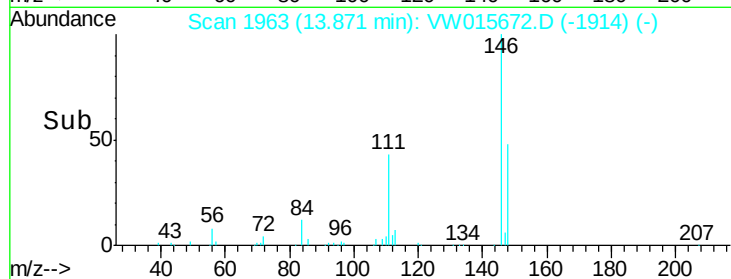
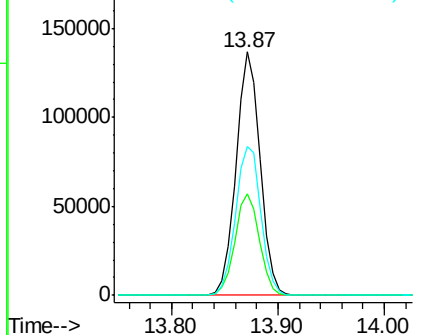


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.278 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

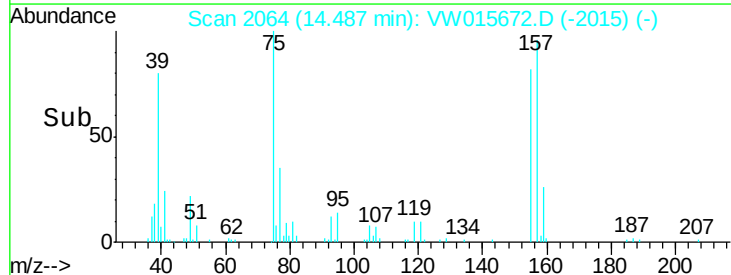
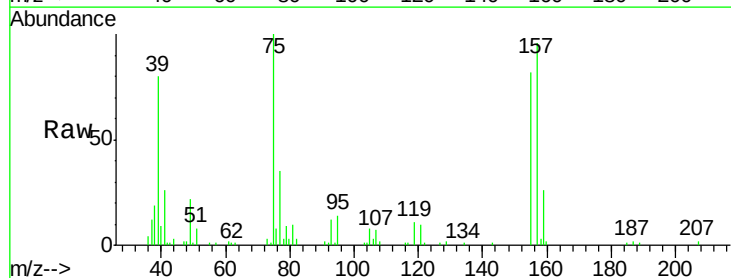
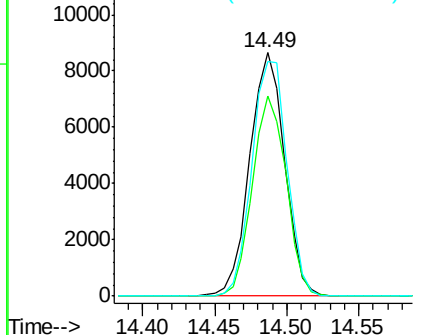
Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	40.8	122.2
157	97.3	50.7	152.1

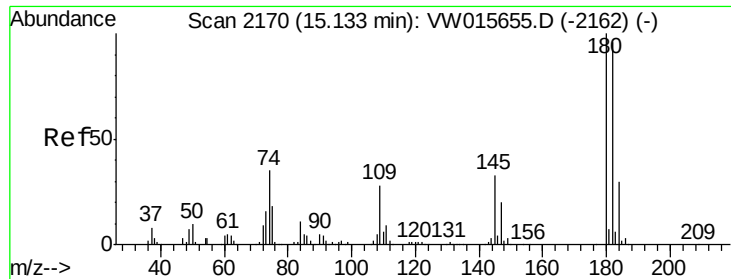
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





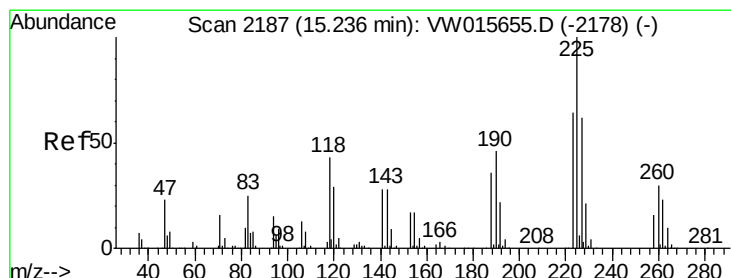
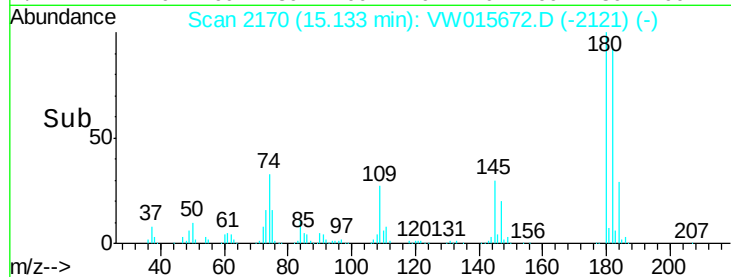
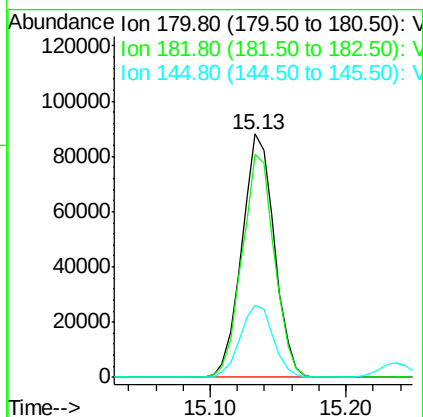
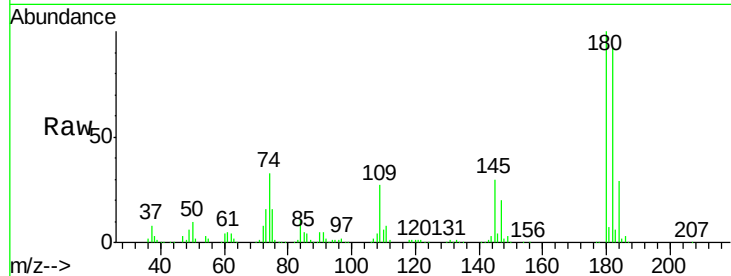
#93
 1,2,4-Trichlorobenzene
 Concen: 50.944 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147292		
182	91.2	47.9	143.6	
145	30.1	15.6	46.7	

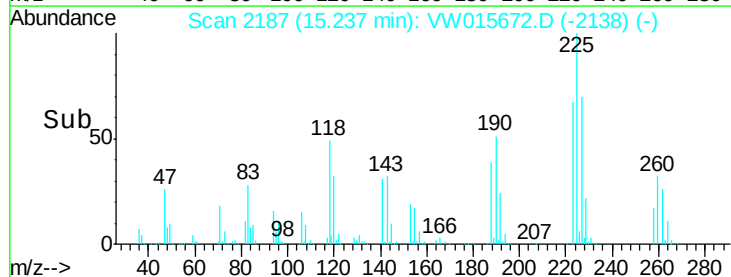
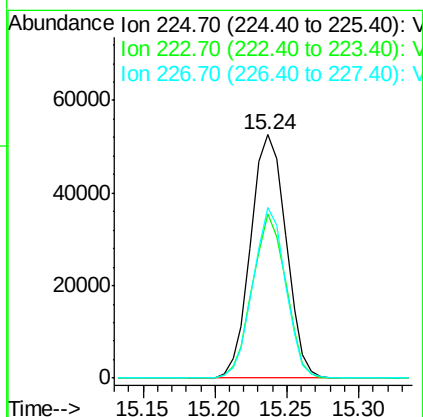
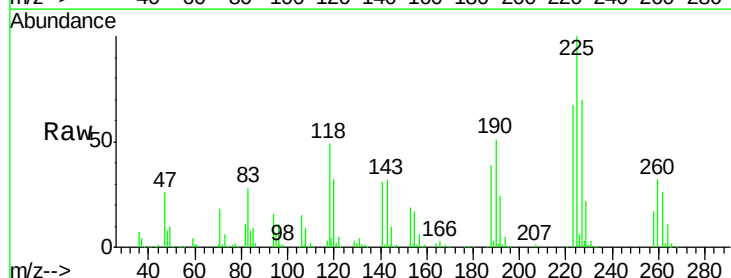
Manual Integrations
 APPROVED

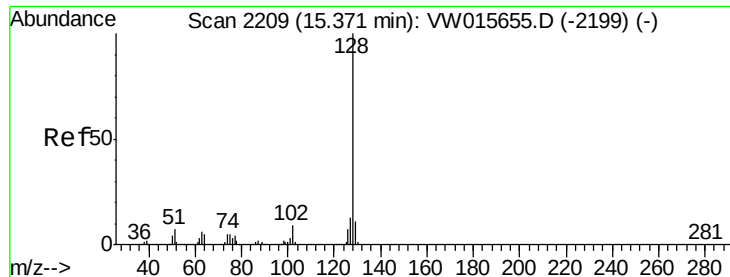
MMDadoda
 6/25/2020 4:15:22 PM



#94
 Hexachlorobutadiene
 Concen: 48.462 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015672.D
 Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89262		
223	63.9	31.0	93.0	
227	64.7	31.9	95.9	





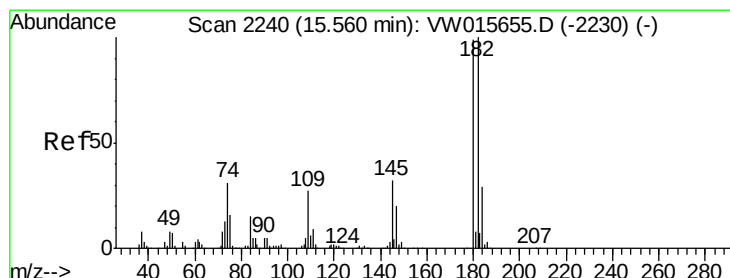
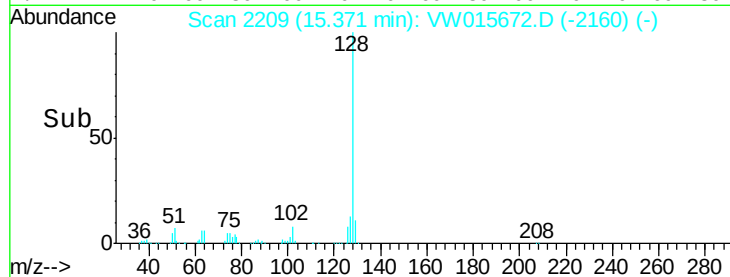
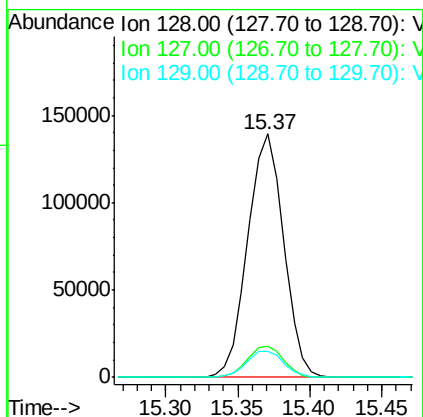
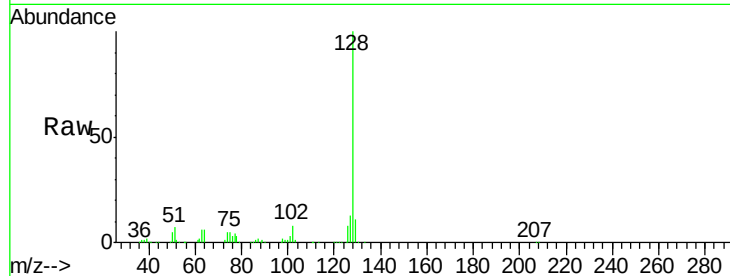
#95
Naphthalene
Concen: 50.368 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	240859		
127	13.2		10.5	15.7
129	11.1		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:15:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.122 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015672.D
Acq: 24 Jun 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122278		
182	96.4		49.0	147.0
145	32.9		16.4	49.2

