

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015700.D
 Acq On : 24 Jun 2020 23:49
 Operator : SY/VA
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:29 PM

Quant Time: Jun 25 03:49:38 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	201063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	117915	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
35) Dibromofluoromethane	7.88	113	102312	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.32	98	405743	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	157025	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18823	15.701	ug/l	99
3) Chloromethane	2.21	50	28967	20.576	ug/l	99
4) Vinyl Chloride	2.35	62	42861	18.833	ug/l	99
5) Bromomethane	2.77	94	39747	23.762	ug/l	98
6) Chloroethane	2.92	64	30674	20.481	ug/l	99
7) Trichlorofluoromethane	3.26	101	29312	17.153	ug/l	95
8) Diethyl Ether	3.68	74	21928	22.219	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39163	19.443	ug/l	99
10) Methyl Iodide	4.26	142	56734	19.920	ug/l	99
11) Tert butyl alcohol	5.20	59	12700	79.758	ug/l	99
12) 1,1-Dichloroethene	4.03	96	37747	19.246	ug/l	99
13) Acrolein	3.89	56	15219	97.931	ug/l	99
14) Allyl chloride	4.67	41	62127	19.525	ug/l	99
15) Acrylonitrile	5.37	53	46256	113.601	ug/l	99
16) Acetone	4.13	43	37568	88.337	ug/l	99
17) Carbon Disulfide	4.37	76	99825	17.684	ug/l	98
18) Methyl Acetate	4.67	43	23861	24.781	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	67569	22.891	ug/l	99
20) Methylene Chloride	4.92	84	56026	24.737	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	45796	20.366	ug/l	97
22) Diisopropyl ether	6.31	45	142312	22.487	ug/l	98
23) Vinyl Acetate	6.26	43	413498	112.040	ug/l	99
24) 1,1-Dichloroethane	6.21	63	84215	21.140	ug/l	100
25) 2-Butanone	7.18	43	60887	105.931	ug/l	98
26) 2,2-Dichloropropane	7.16	77	49103	18.377	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	52094	21.536	ug/l	98
28) Bromochloromethane	7.51	49	34493	22.509	ug/l	99
29) Tetrahydrofuran	7.53	42	38438	113.801	ug/l	99
30) Chloroform	7.67	83	88149	21.575	ug/l	100
31) Cyclohexane	7.95	56	72516	18.818	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	70273	20.178	ug/l	98
36) 1,1-Dichloropropene	8.08	75	66545	19.145	ug/l	100
37) Ethyl Acetate	7.26	43	30466	22.956	ug/l	98
38) Carbon Tetrachloride	8.07	117	63754	18.922	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015700.D
 Acq On : 24 Jun 2020 23:49
 Operator : SY/VA
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0624SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:29 PM

Quant Time: Jun 25 03:49:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77697	18.456	ug/l	99
40) Benzene	8.32	78	191595	20.273	ug/l	98
41) Methacrylonitrile	7.48	41	16671	21.887	ug/l	96
42) 1,2-Dichloroethane	8.40	62	64211	21.962	ug/l	100
43) Isopropyl Acetate	8.43	43	58782	22.195	ug/l	99
44) Trichloroethene	9.09	130	50180	19.699	ug/l	93
45) 1,2-Dichloropropane	9.37	63	49034	21.226	ug/l	99
46) Dibromomethane	9.46	93	26302	22.006	ug/l	99
47) Bromodichloromethane	9.65	83	64773	20.776	ug/l	99
48) Methyl methacrylate	9.44	41	26724	22.071	ug/l	94
49) 1,4-Dioxane	9.48	88	6082	387.895	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	145214	113.698	ug/l	98
52) Toluene	10.39	92	129771	21.265	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60867	20.209	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	73449	20.413	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37606	22.629	ug/l	98
56) Ethyl methacrylate	10.65	69	46150	22.319	ug/l	95
57) 1,3-Dichloropropane	10.93	76	65619	22.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	112856	115.336	ug/l	99
59) 2-Hexanone	10.97	43	94329	108.486	ug/l	100
60) Dibromochloromethane	11.13	129	42296	21.841	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35726	22.491	ug/l	99
64) Tetrachloroethene	10.87	164	44090	19.322	ug/l	95
65) Chlorobenzene	11.66	112	138708	20.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49552	20.636	ug/l	98
67) Ethyl Benzene	11.73	91	255699	20.062	ug/l	100
68) m/p-Xylenes	11.84	106	193979	40.532	ug/l	100
69) o-Xylene	12.17	106	88804	20.181	ug/l	99
70) Styrene	12.18	104	154151	20.504	ug/l	98
71) Bromoform	12.35	173	22599	20.455	ug/l #	98
73) Isopropylbenzene	12.46	105	246346	19.468	ug/l	100
74) N-amyl acetate	12.27	43	54521	20.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	43434	21.456	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36698m	24.254	ug/l	
77) Bromobenzene	12.75	156	58501	20.733	ug/l	99
78) n-propylbenzene	12.80	91	300479	19.728	ug/l	100
79) 2-Chlorotoluene	12.90	91	175320	20.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215111	20.062	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10932	18.207	ug/l	91
82) 4-Chlorotoluene	12.99	91	182647	20.131	ug/l	99
83) tert-Butylbenzene	13.21	119	178747	19.730	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	214100	20.023	ug/l	99
85) sec-Butylbenzene	13.38	105	255601	19.741	ug/l	100
86) p-Isopropyltoluene	13.50	119	236659	20.118	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	114426	20.429	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111363	20.074	ug/l	98
89) n-Butylbenzene	13.82	91	216064	19.133	ug/l	98
90) Hexachloroethane	14.10	117	39883	19.051	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	100984	20.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6216	19.176	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\
Data File : VW015700.D
Acq On : 24 Jun 2020 23:49
Operator : SY/VA
Sample : VW0624SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM

Quant Time: Jun 25 03:49:38 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.13	180	57727	18.050	ug/l	100
94) Hexachlorobutadiene	15.24	225	37042	18.181	ug/l	97
95) Naphthalene	15.37	128	100131	18.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51381	18.660	ug/l	95

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

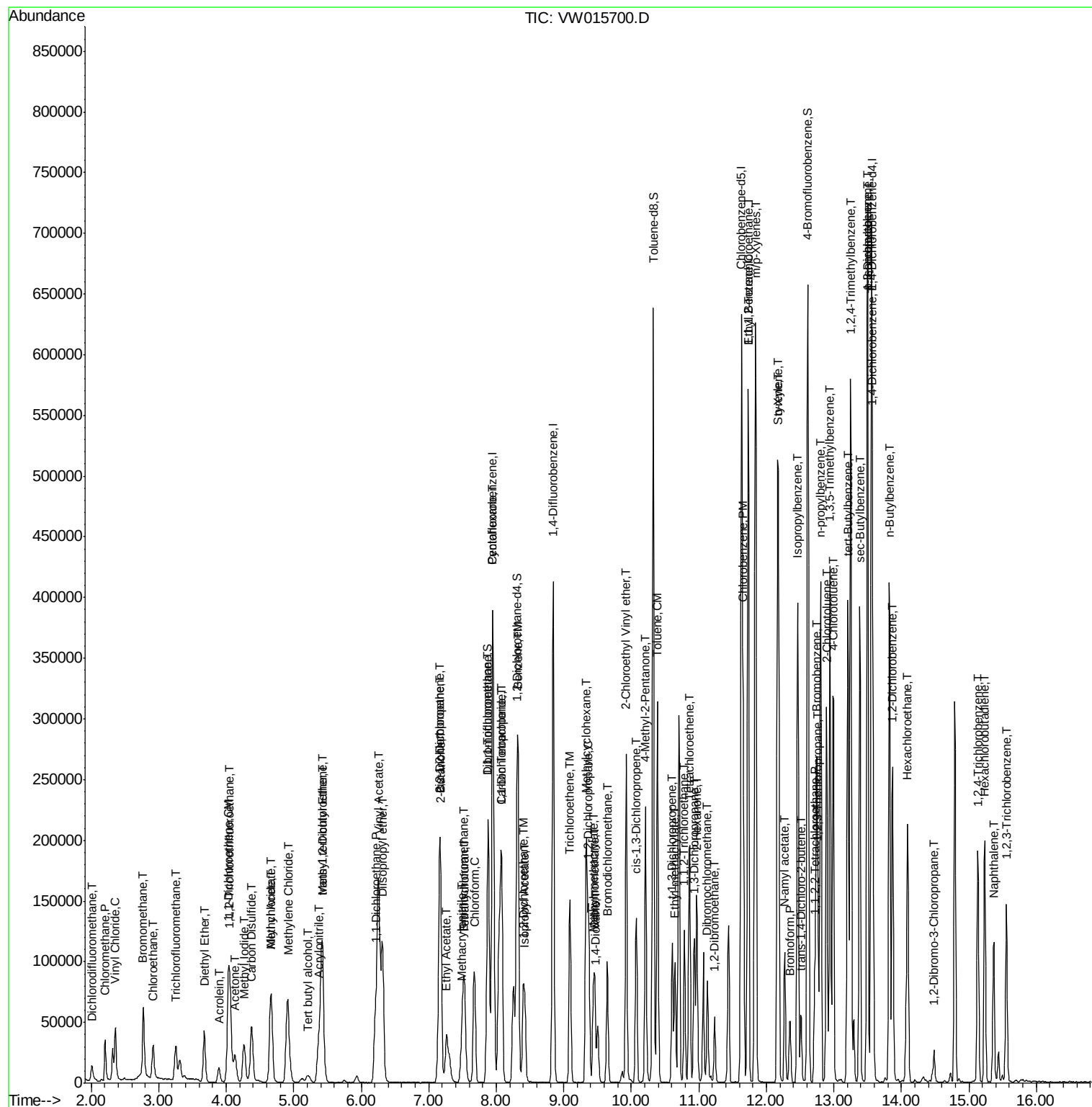
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\
Data File : VW015700.D
Acq On : 24 Jun 2020 23:49
Operator : SY/VA
Sample : VW0624SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

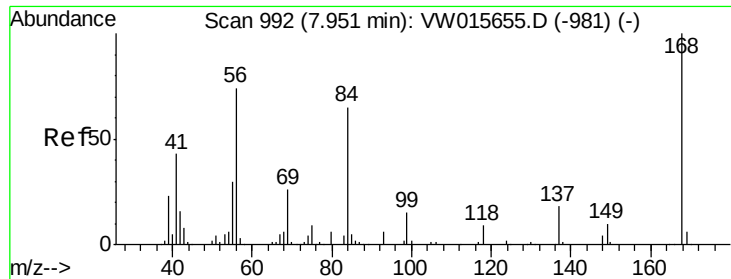
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM

Quant Time: Jun 25 03:49:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion:168 Resp: 201063

Ion Ratio Lower Upper

168 100

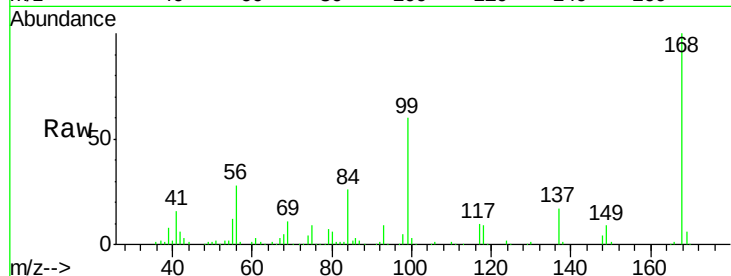
99 59.6 48.6 73.0

Manual Integrations

APPROVED

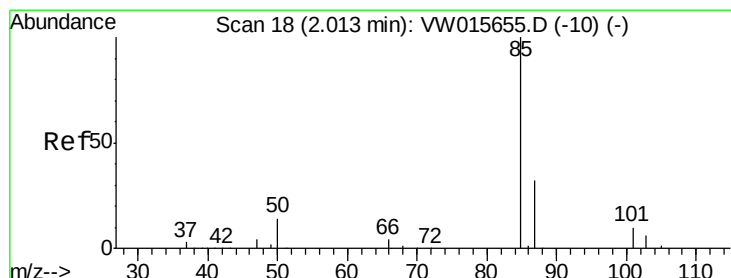
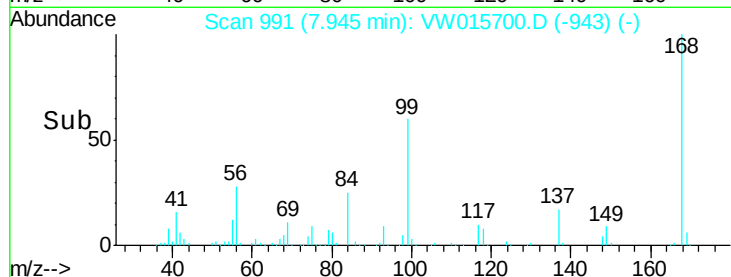
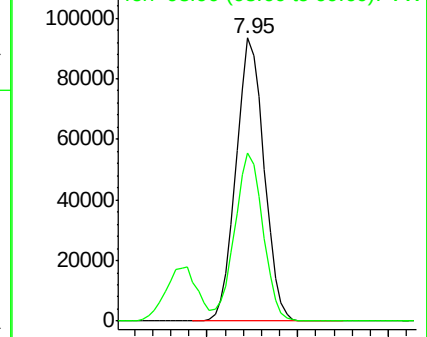
MMDadoda

6/25/2020 4:18:29 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 15.701 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015700.D

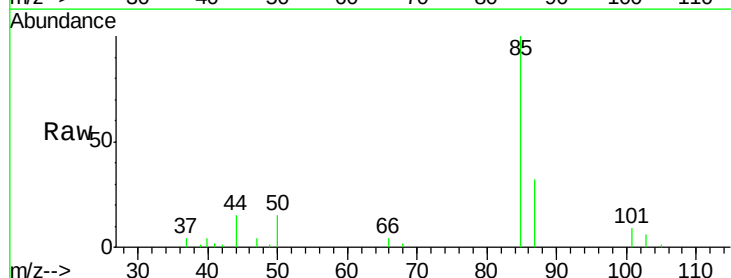
Acq: 24 Jun 2020 23:49

Tgt Ion: 85 Resp: 18823

Ion Ratio Lower Upper

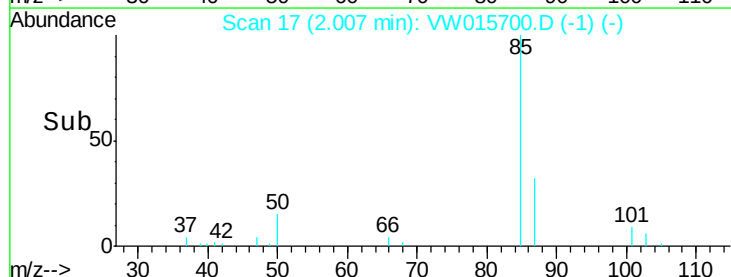
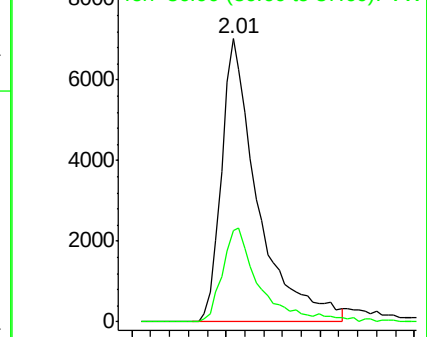
85 100

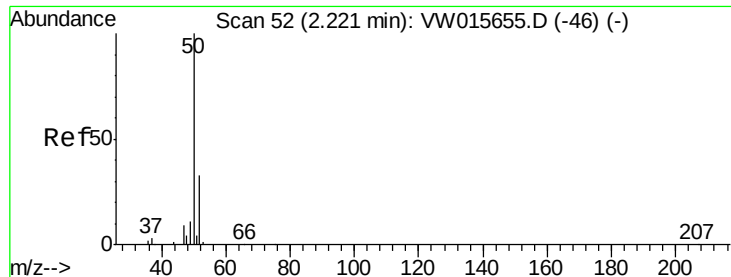
87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.576 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 50 Resp: 28967

Ion Ratio Lower Upper

50 100

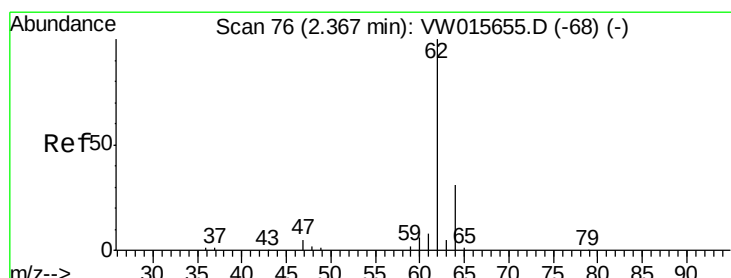
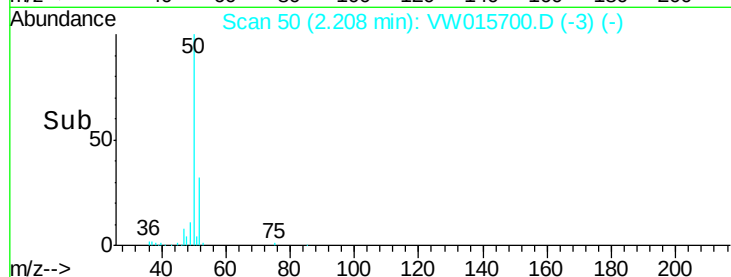
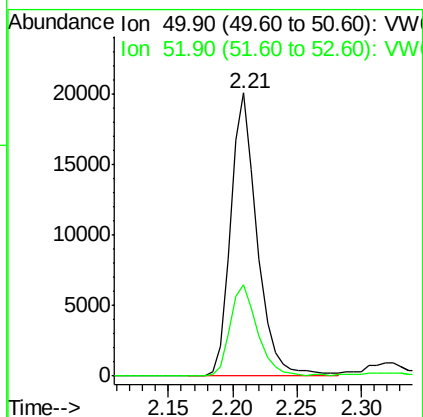
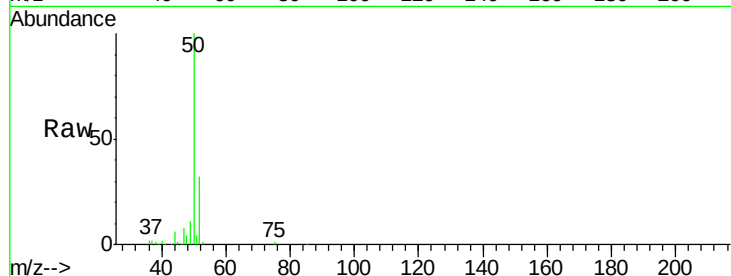
52 32.2 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/25/2020 4:18:29 PM



#4

Vinyl Chloride

Concen: 18.833 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015700.D

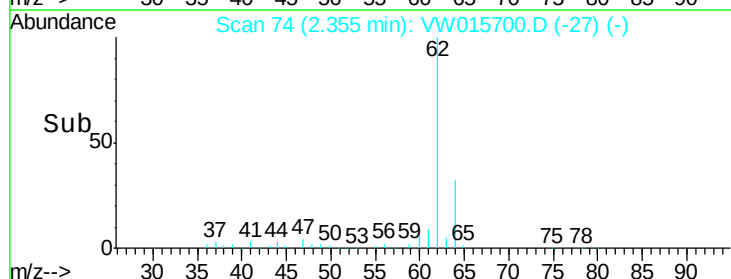
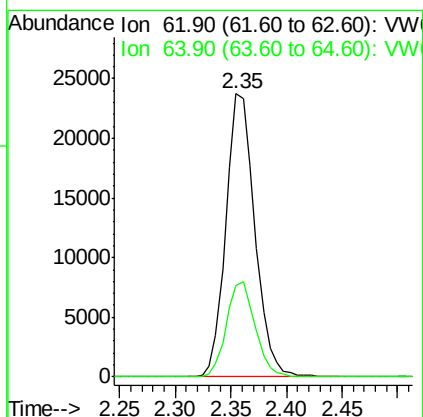
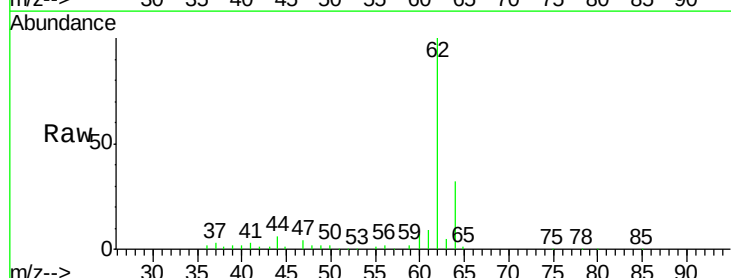
Acq: 24 Jun 2020 23:49

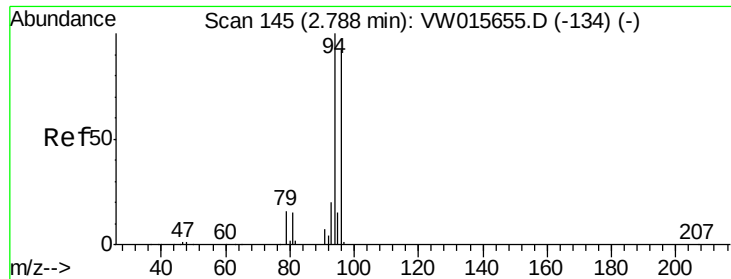
Tgt Ion: 62 Resp: 42861

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 23.762 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.02 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 94 Resp: 39747

Ion Ratio Lower Upper

94 100

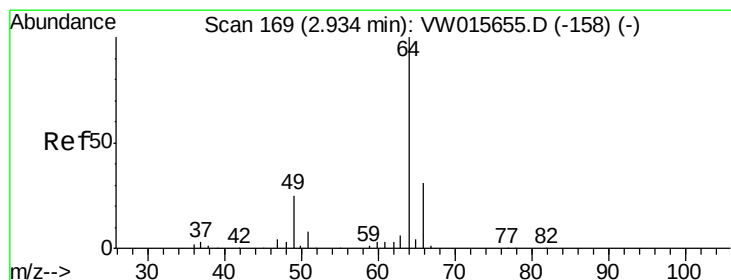
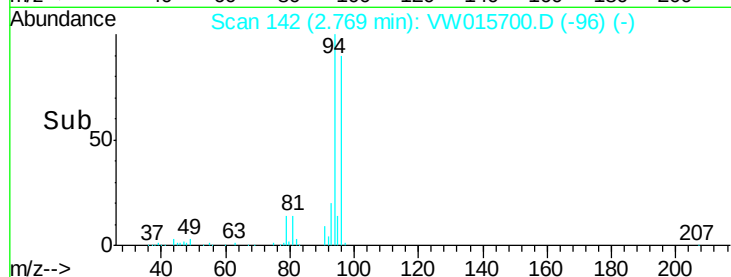
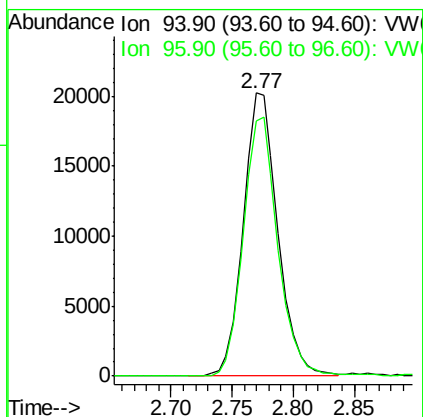
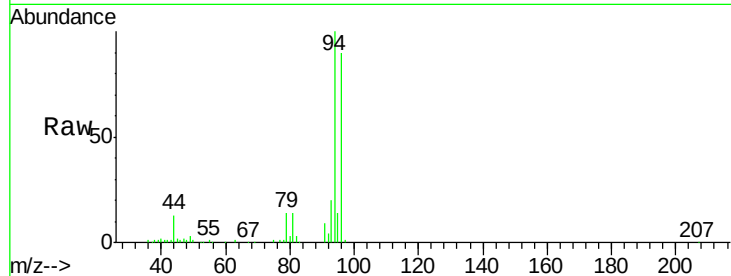
96 90.1 73.8 110.6

Manual Integrations

APPROVED

MMDadoda

6/25/2020 4:18:29 PM



#6

Chloroethane

Concen: 20.481 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.02 min

Lab File: VW015700.D

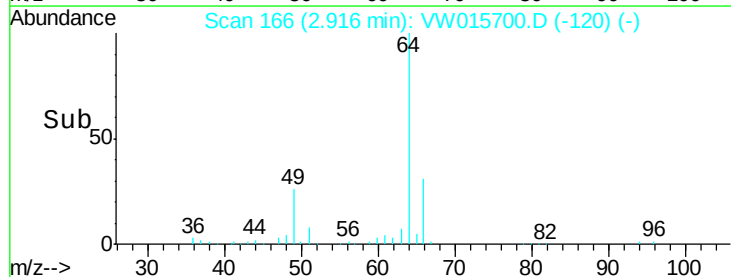
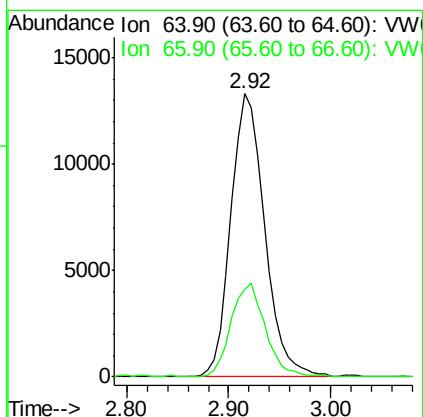
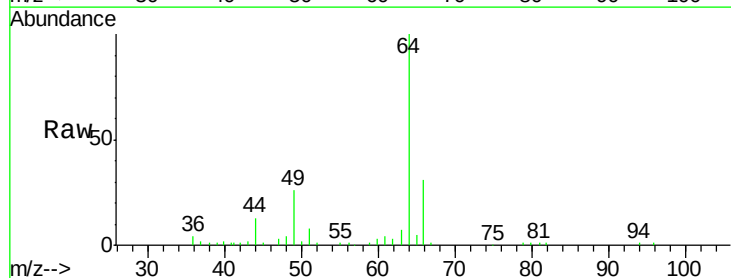
Acq: 24 Jun 2020 23:49

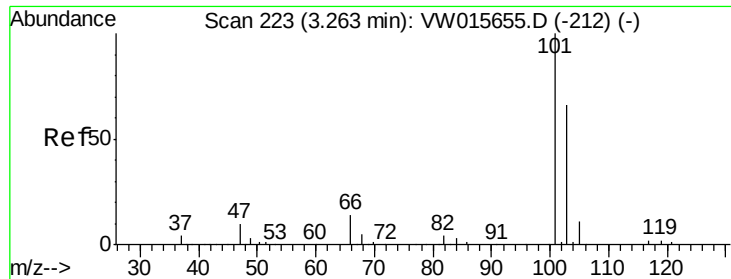
Tgt Ion: 64 Resp: 30674

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9





#7

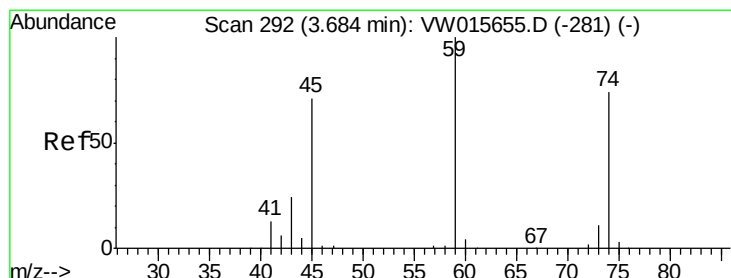
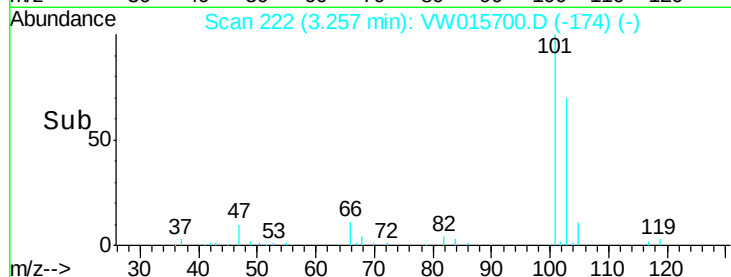
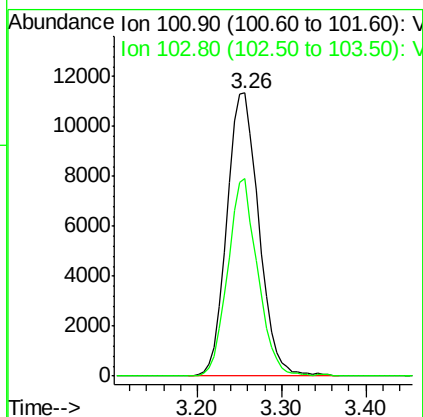
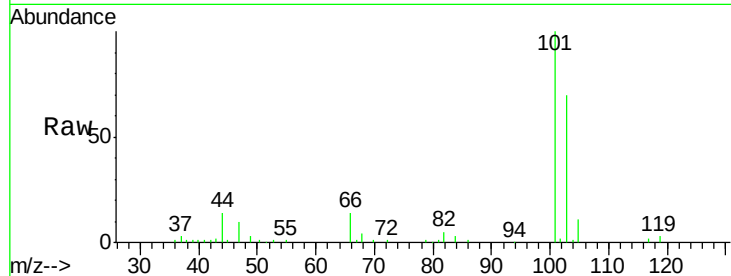
Trichlorofluoromethane
 Concen: 17.153 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.0	52.6	78.8

Manual Integrations
 APPROVED

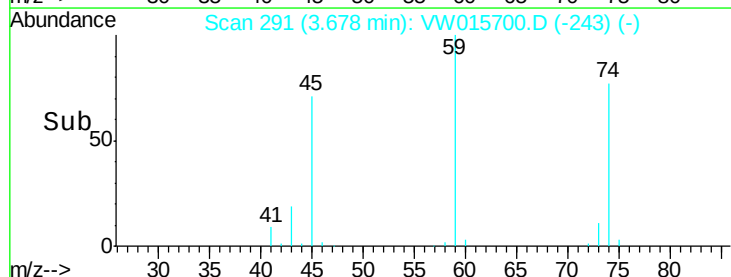
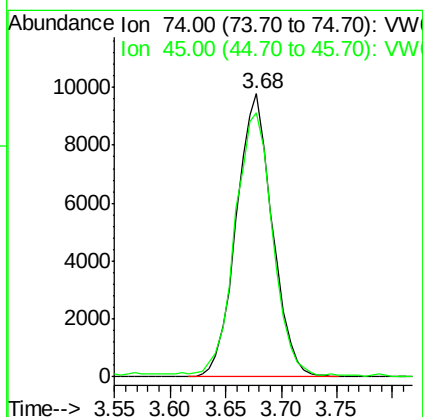
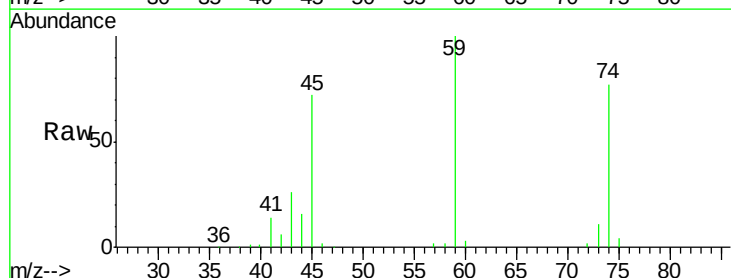
MMDadoda
 6/25/2020 4:18:29 PM

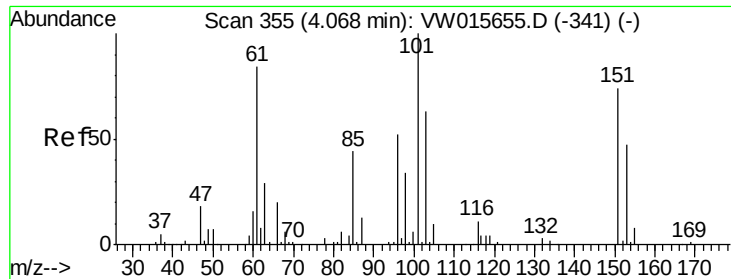


#8

Diethyl Ether
 Concen: 22.219 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.2	144.6





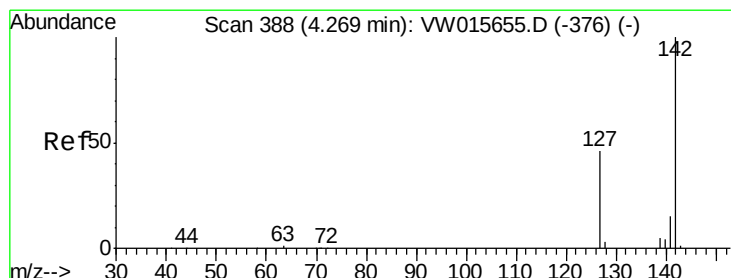
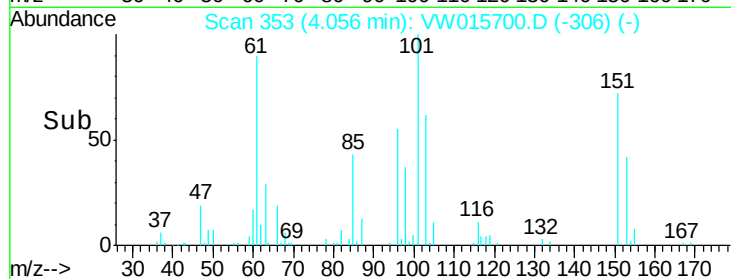
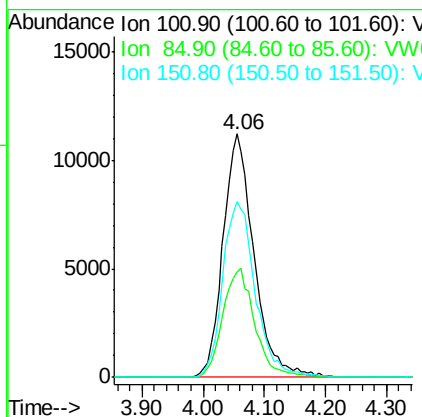
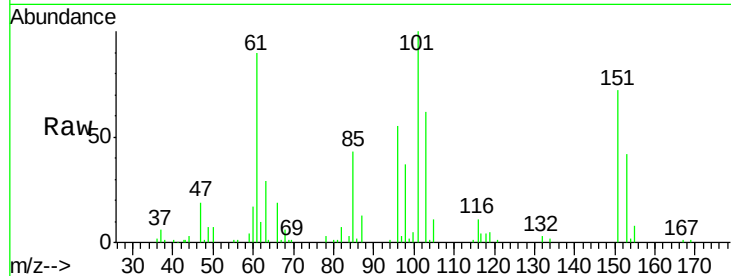
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.443 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampled :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.6	55.0
151	76.0	60.4	90.6

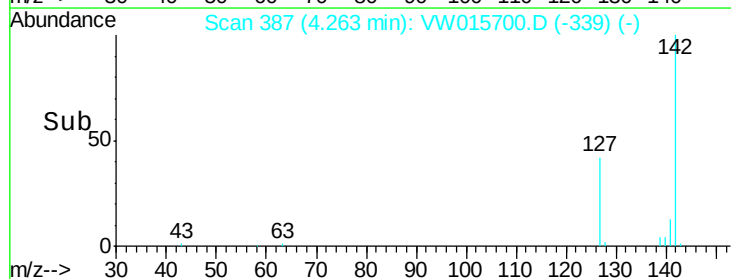
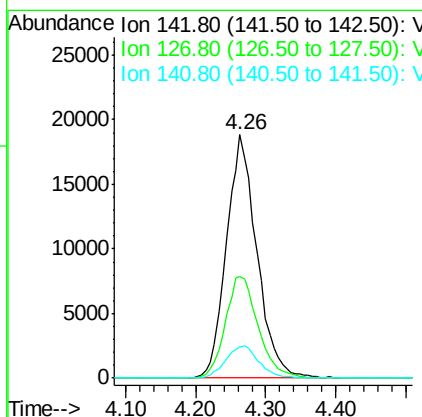
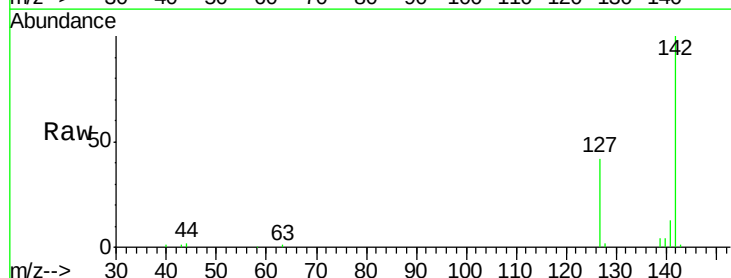
Manual Integrations
APPROVED

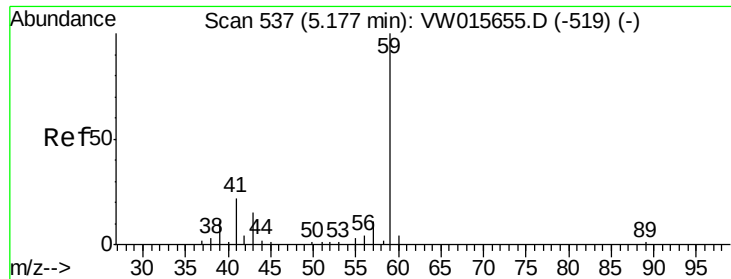
MMDadoda
6/25/2020 4:18:29 PM



#10
Methyl Iodide
Concen: 19.920 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.4	54.6
141	14.5	11.6	17.4





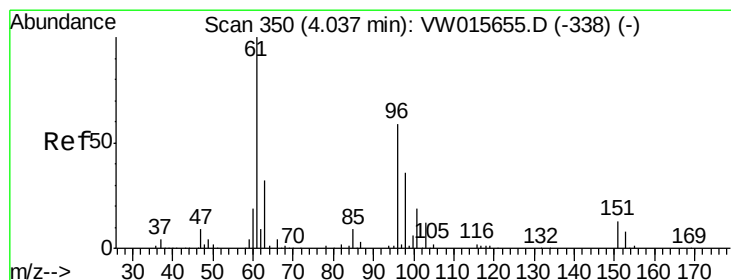
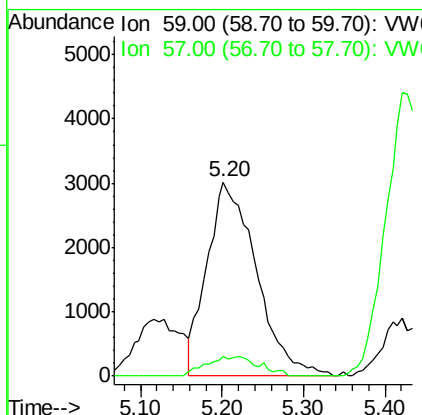
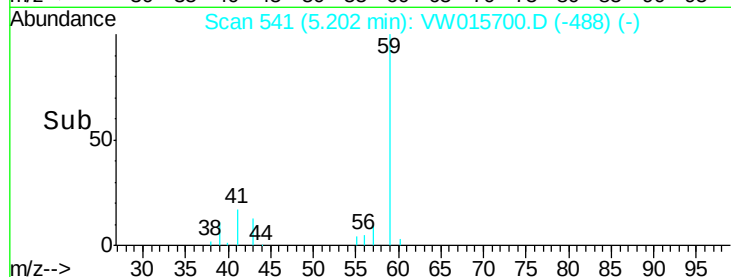
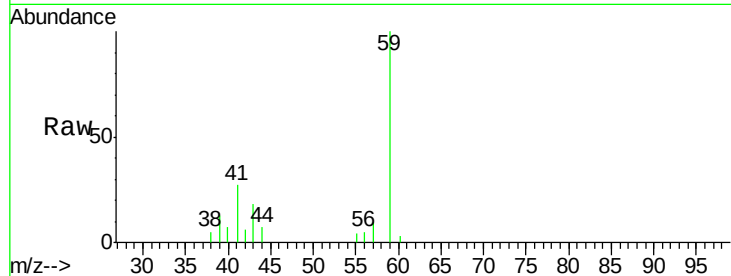
#11
Tert butyl alcohol
Concen: 79.758 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampled :
VW0624SBS02

Tot Ion: 59 Resp: 12700
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

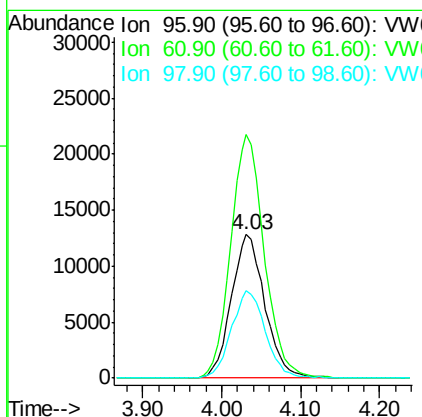
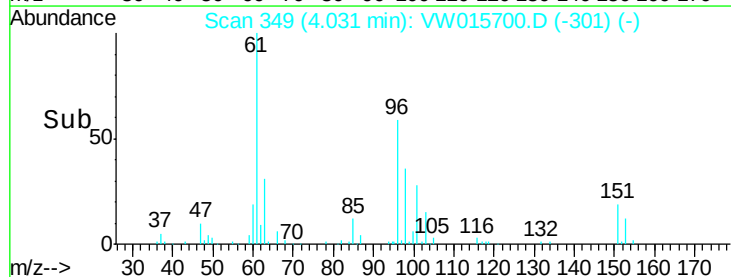
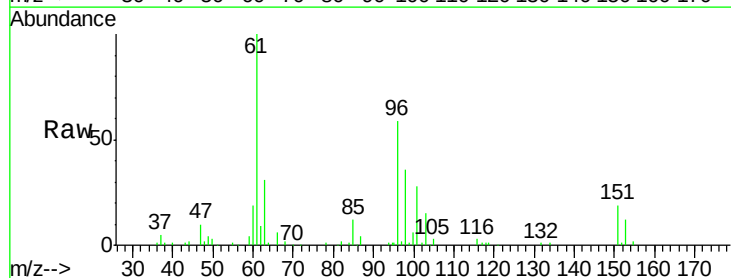
Manual Integrations
APPROVED

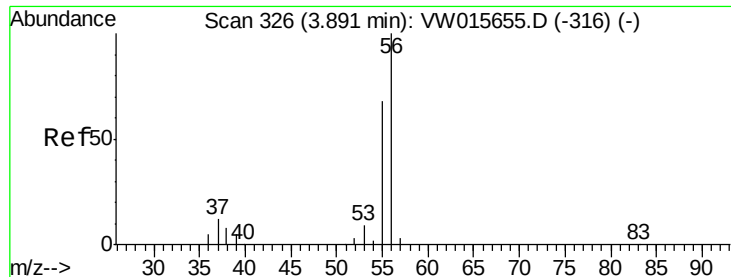
MMDadoda
6/25/2020 4:18:29 PM



#12
1,1-Dichloroethene
Concen: 19.246 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 96 Resp: 37747
Ion Ratio Lower Upper
96 100
61 169.6 136.7 205.1
98 60.6 49.2 73.8





#13

Acrolein

Concen: 97.931 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 56 Resp: 15219

Ion Ratio Lower Upper

56 100

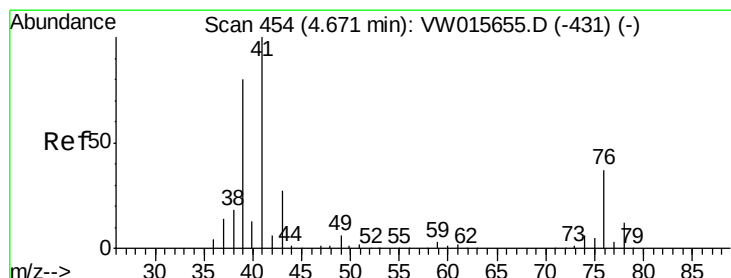
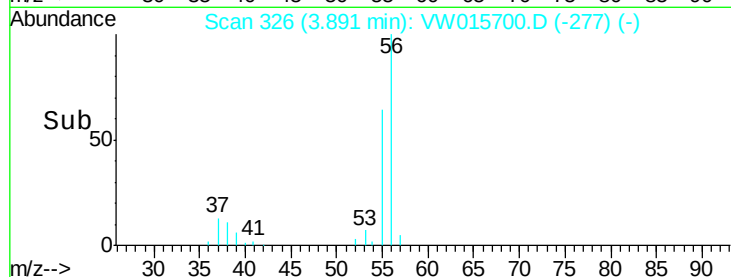
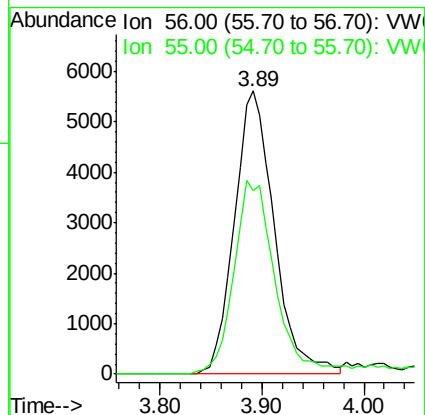
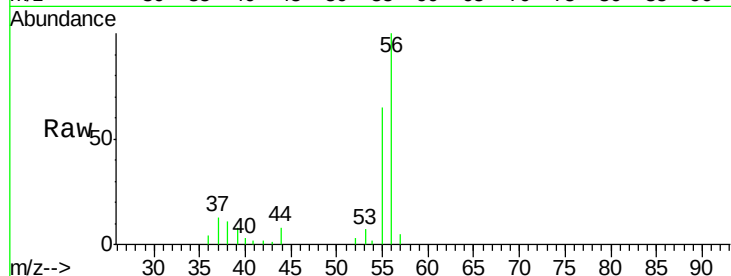
55 70.9 56.2 84.2

Manual Integrations

APPROVED

MMDadoda

6/25/2020 4:18:29 PM



#14

Allyl chloride

Concen: 19.525 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

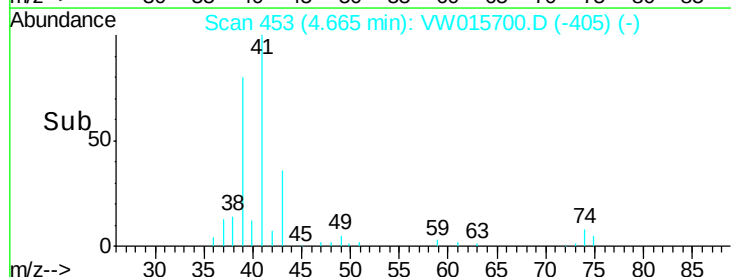
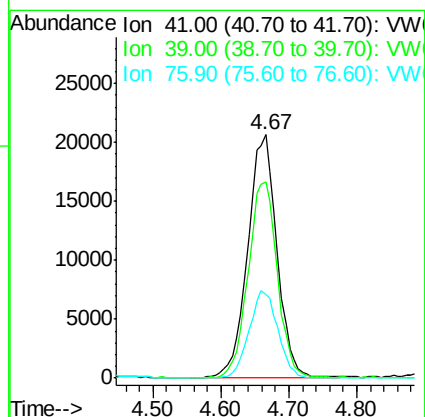
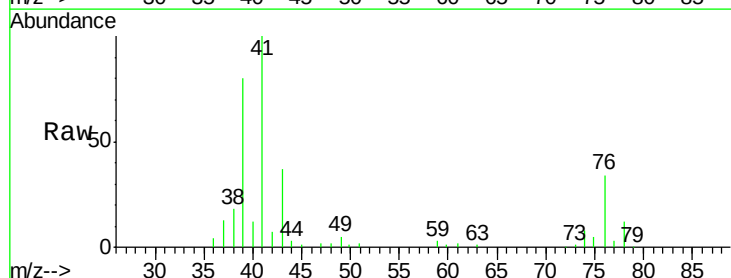
Tgt Ion: 41 Resp: 62127

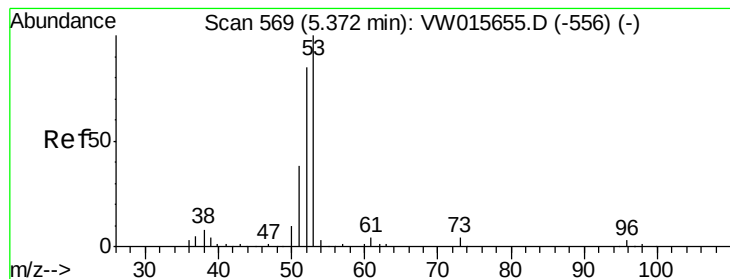
Ion Ratio Lower Upper

41 100

39 80.5 64.6 97.0

76 35.1 29.1 43.7





#15

Acrylonitrile

Concen: 113.601 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

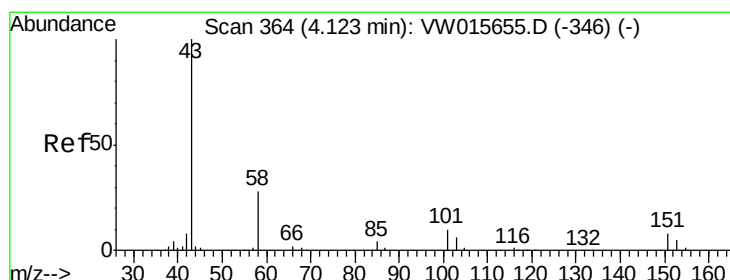
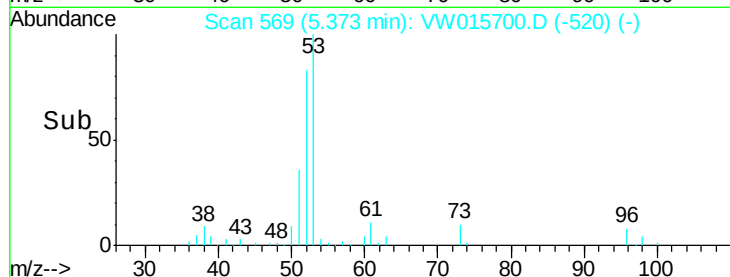
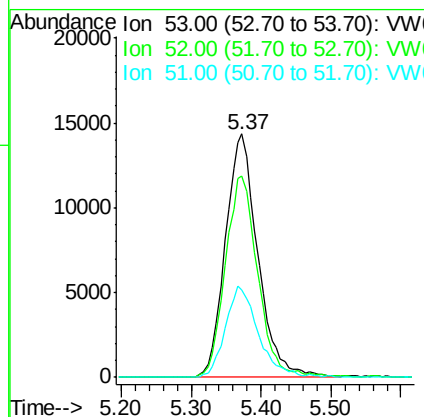
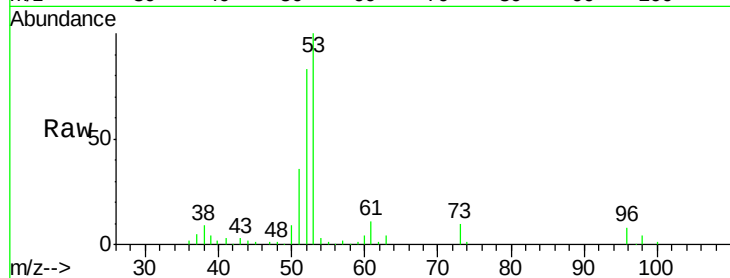
ClientSampleId :

VW0624SBS02

Tot Ion:	53	Resp:	46256
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	37.9	30.7	46.1

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#16

Acetone

Concen: 88.337 ug/l

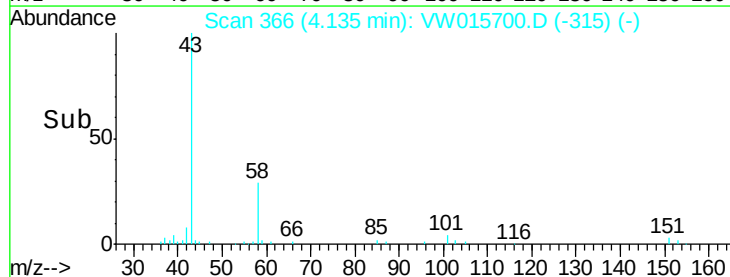
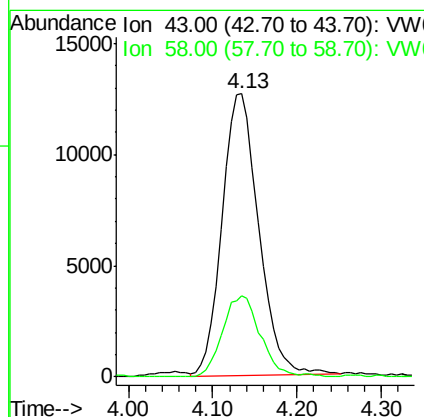
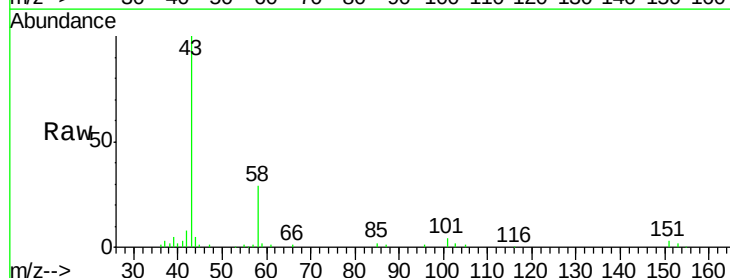
RT: 4.13 min Scan# 366

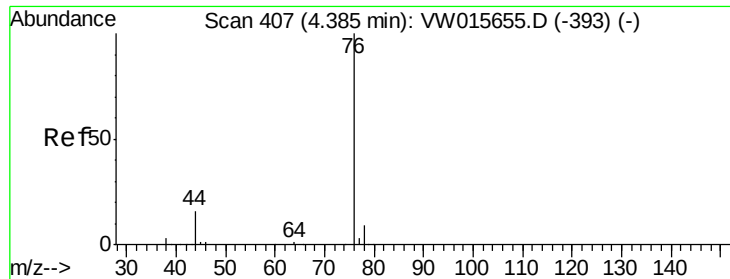
Delta R.T. 0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion:	43	Resp:	37568
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.6	33.8





#17

Carbon Disulfide

Concen: 17.684 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 76 Resp: 99825

Ion Ratio Lower Upper

76 100

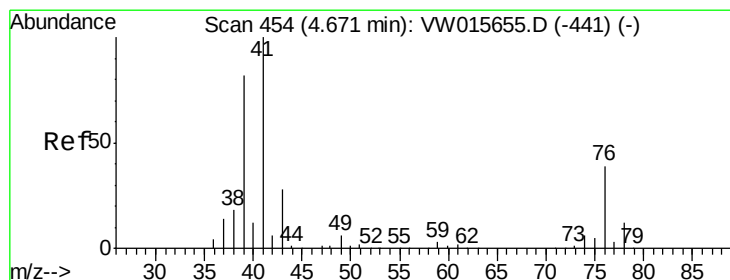
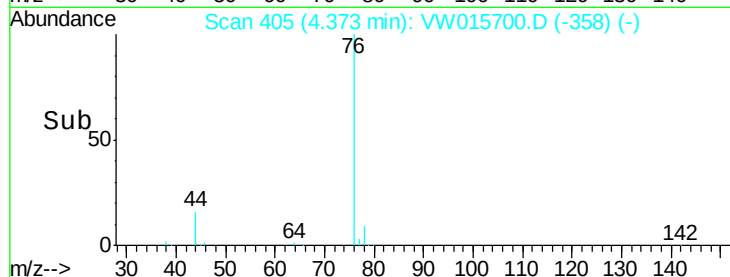
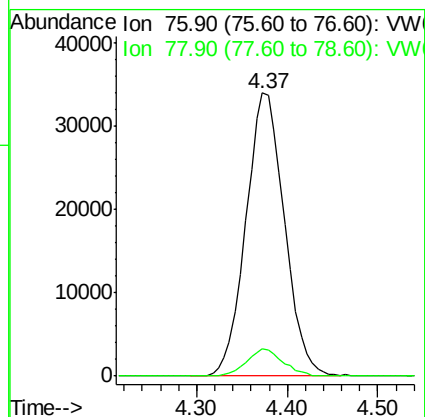
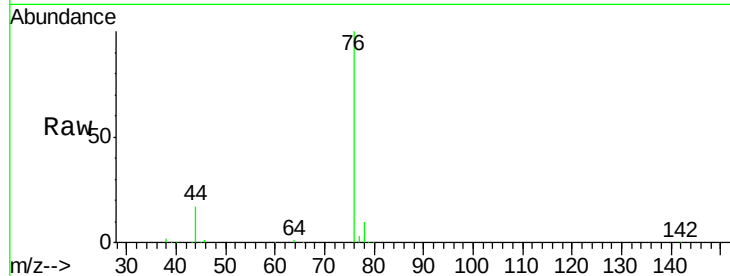
78 9.7 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

6/25/2020 4:18:29 PM



#18

Methyl Acetate

Concen: 24.781 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015700.D

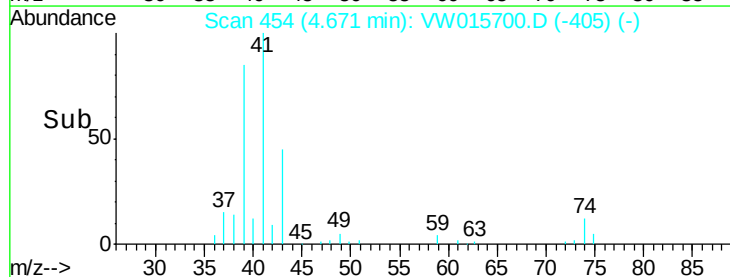
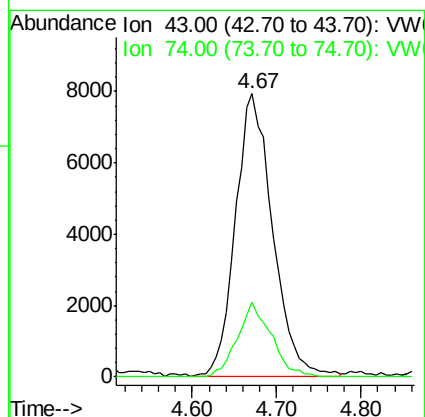
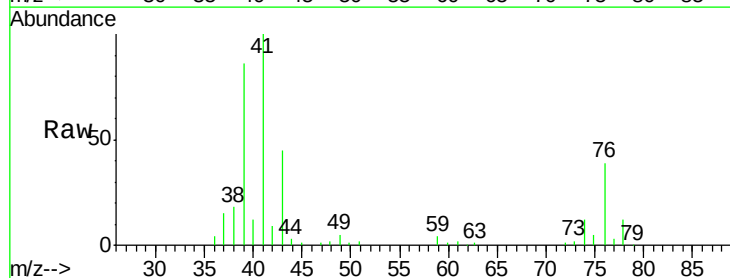
Acq: 24 Jun 2020 23:49

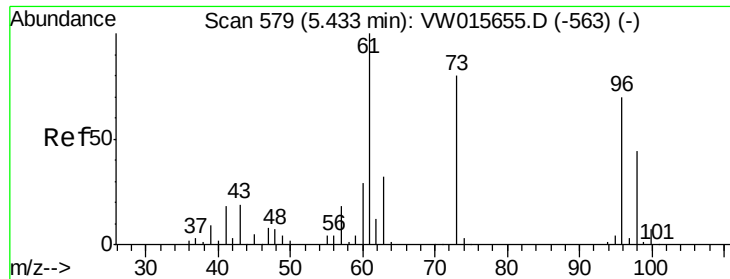
Tgt Ion: 43 Resp: 23861

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.6





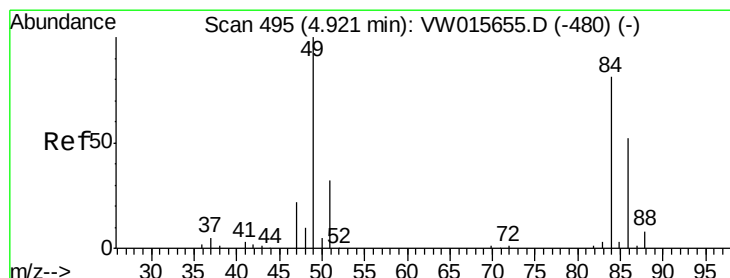
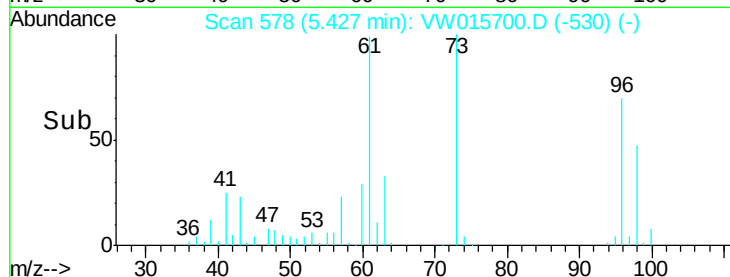
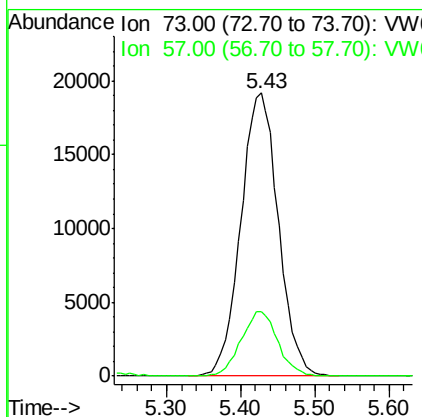
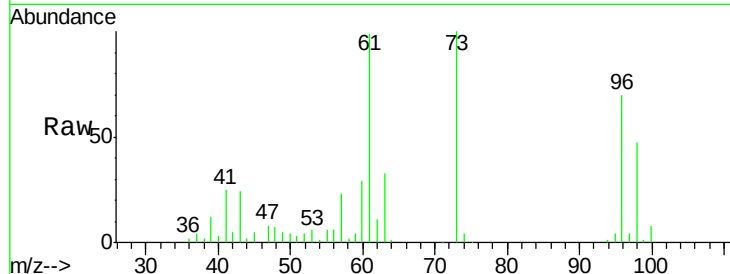
#19
Methyl tert-butyl Ether
Concen: 22.891 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 73 Resp: 67569
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1

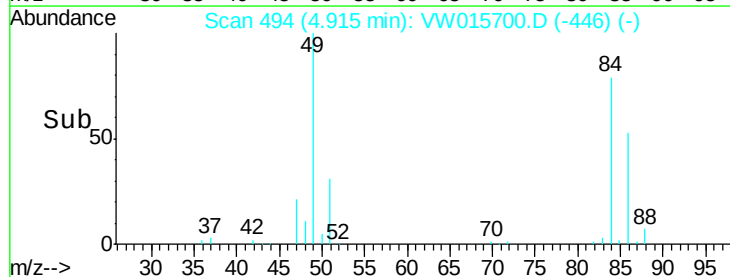
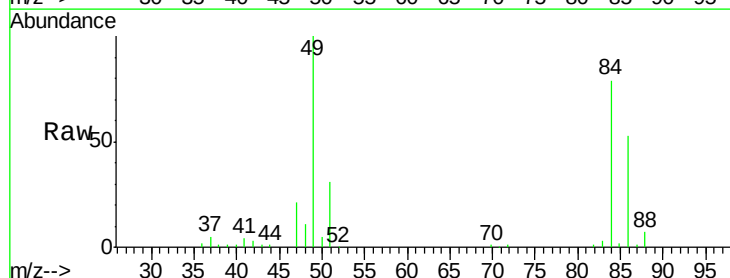
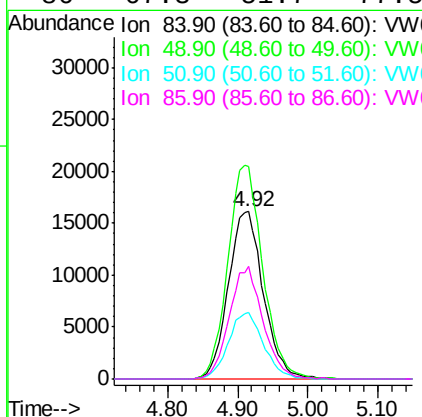
Manual Integrations
APPROVED

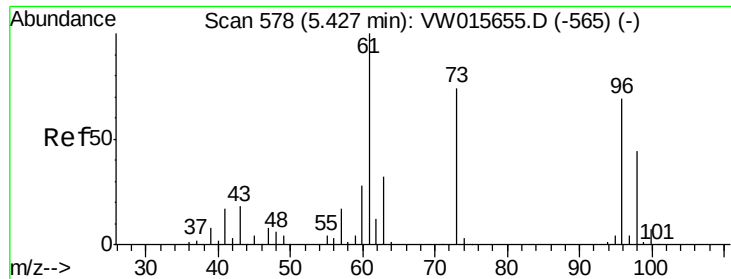
MMDadoda
6/25/2020 4:18:29 PM



#20
Methylene Chloride
Concen: 24.737 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 84 Resp: 56026
Ion Ratio Lower Upper
84 100
49 127.3 99.3 148.9
51 39.8 31.8 47.6
86 67.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.366 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

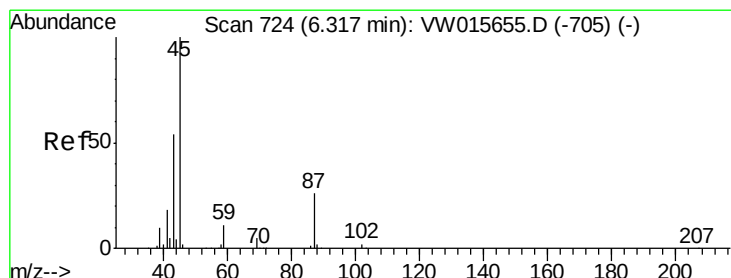
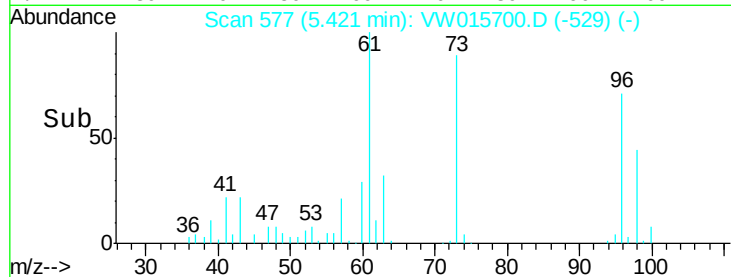
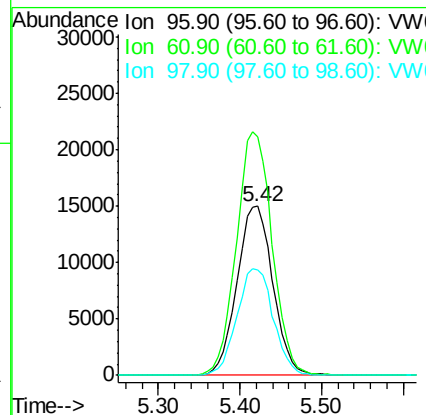
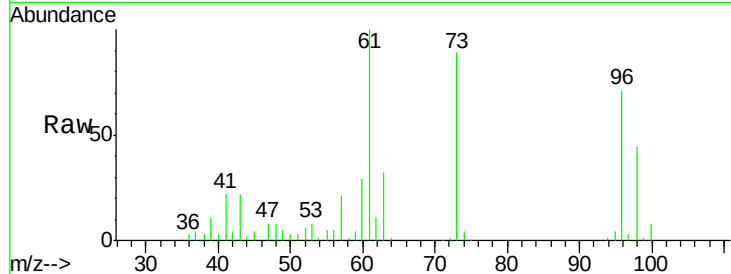
ClientSampleId :

VW0624SBS02

Tot Ion:	96	Resp:	45796
Ion	Ratio	Lower	Upper
96	100		
61	141.3	116.2	174.2
98	62.3	51.4	77.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#22

Diisopropyl ether

Concen: 22.487 ug/l

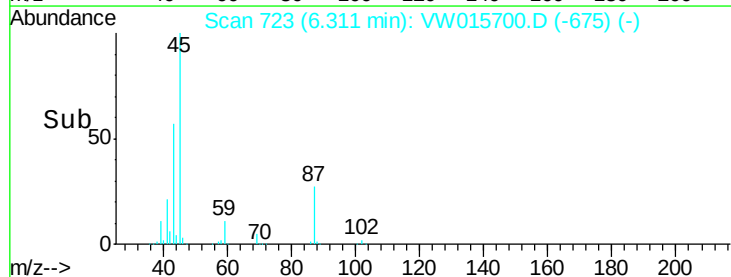
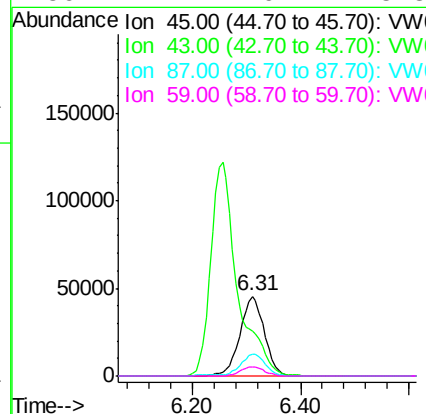
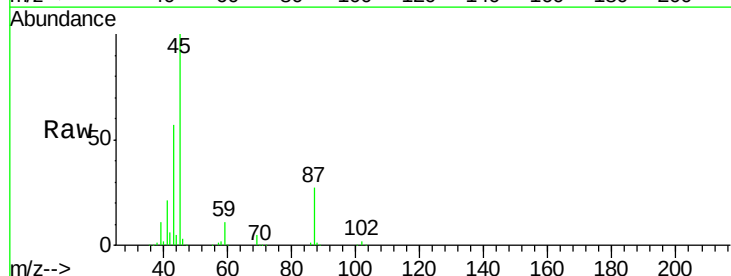
RT: 6.31 min Scan# 723

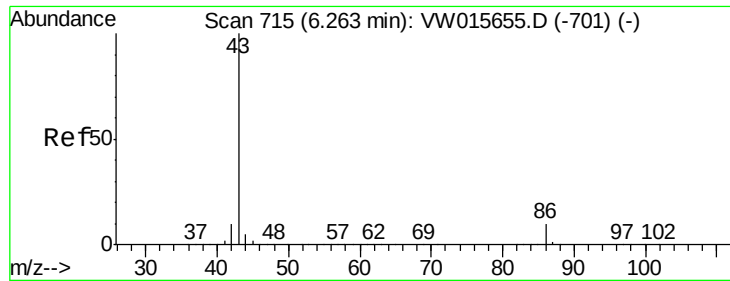
Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion:	45	Resp:	142312
Ion	Ratio	Lower	Upper
45	100		
43	56.6	43.9	65.9
87	27.2	21.2	31.8
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 112.040 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 43 Resp: 413498

Ion Ratio Lower Upper

43 100

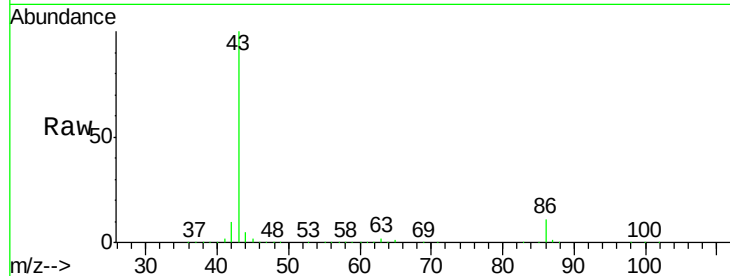
86 10.9 8.3 12.5

Manual Integrations

APPROVED

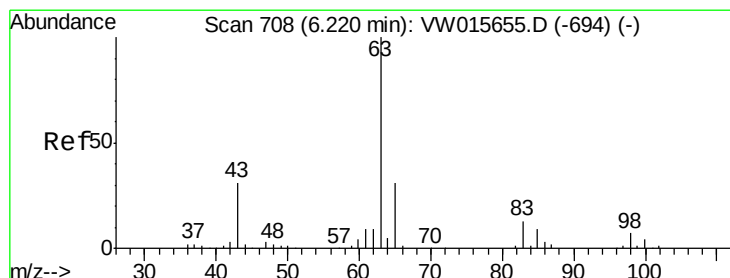
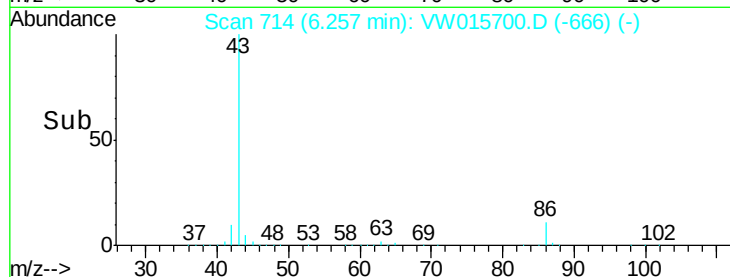
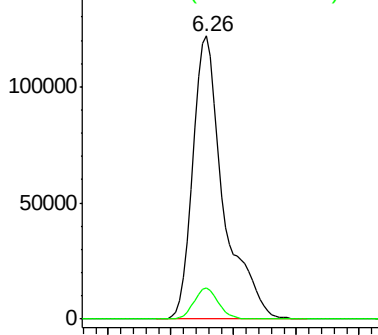
MMDadoda

6/25/2020 4:18:29 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: 21.140 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

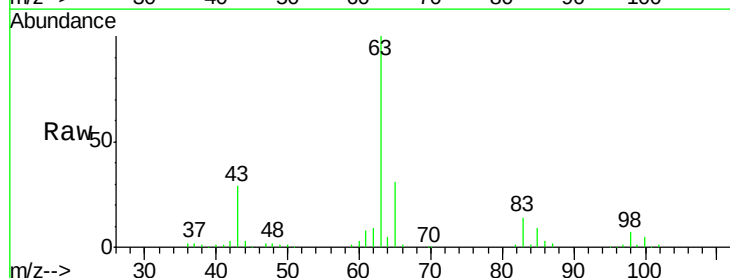
Tgt Ion: 63 Resp: 84215

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

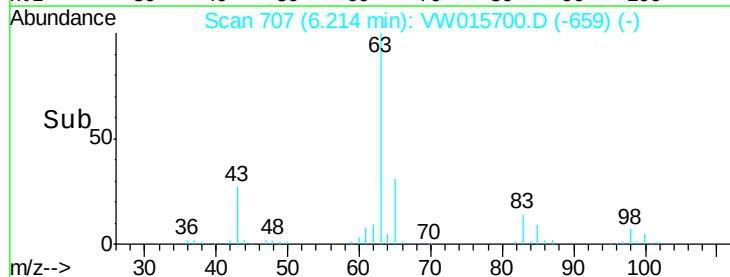
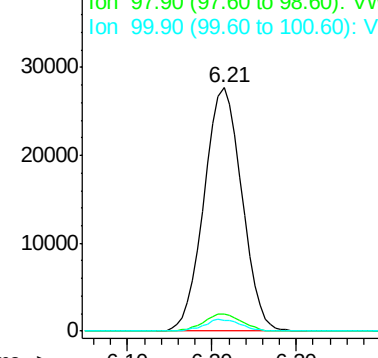
100 4.6 2.1 6.3

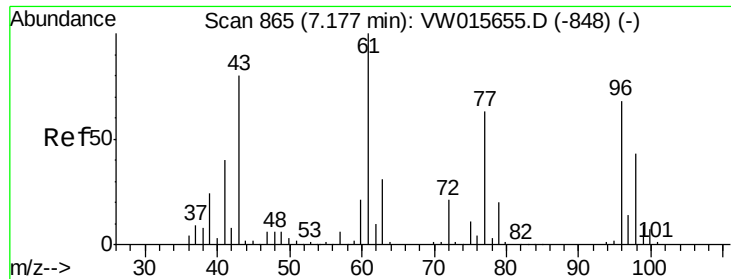


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 105.931 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS02

Tot Ion: 43 Resp: 60887

Ion Ratio Lower Upper

43 100

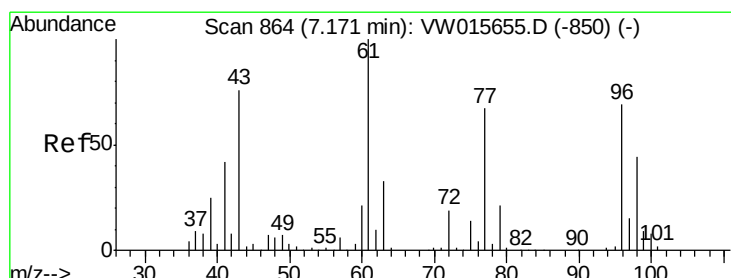
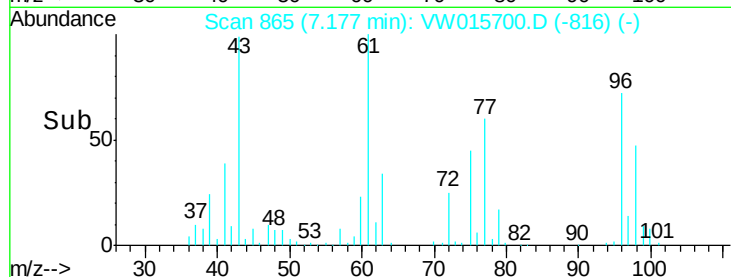
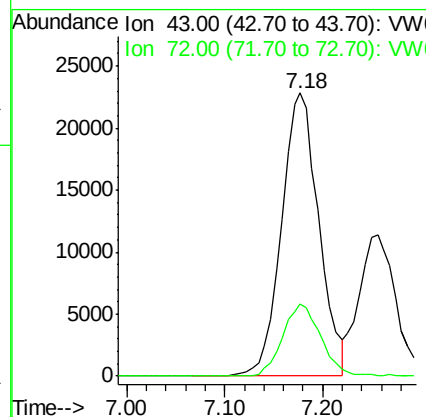
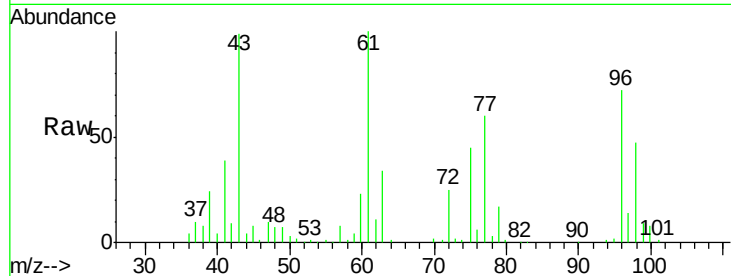
72 25.6 21.1 31.7

Manual Integrations

APPROVED

MMDadoda

6/25/2020 4:18:29 PM



#26

2,2-Dichloropropane

Concen: 18.377 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015700.D

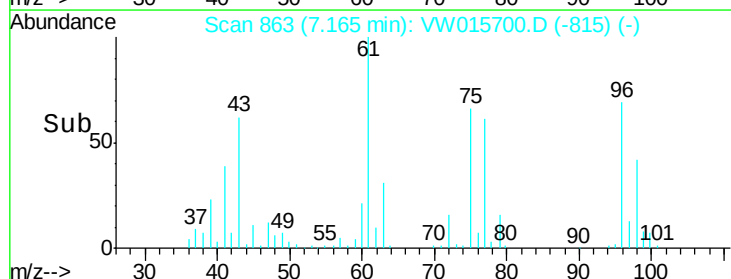
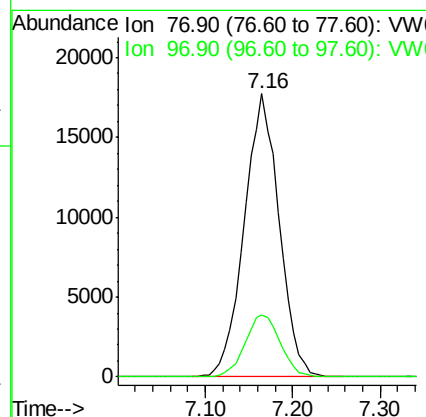
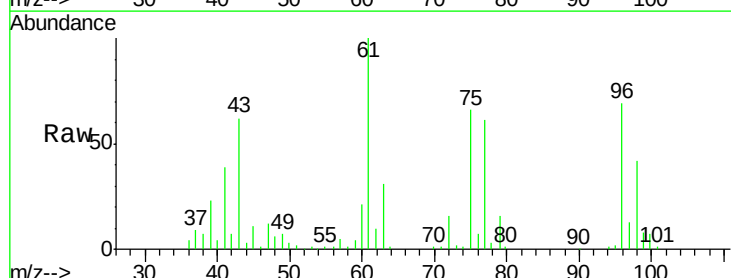
Acq: 24 Jun 2020 23:49

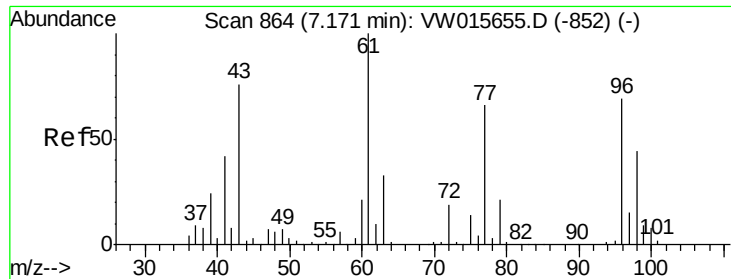
Tgt Ion: 77 Resp: 49103

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.5





#27

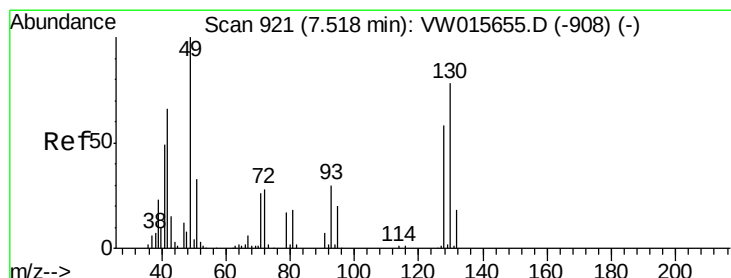
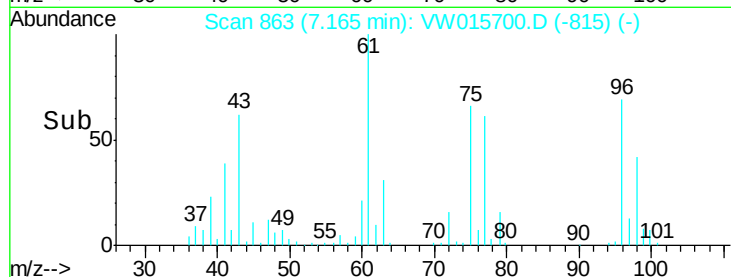
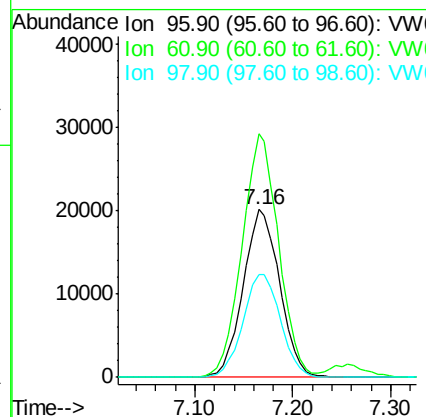
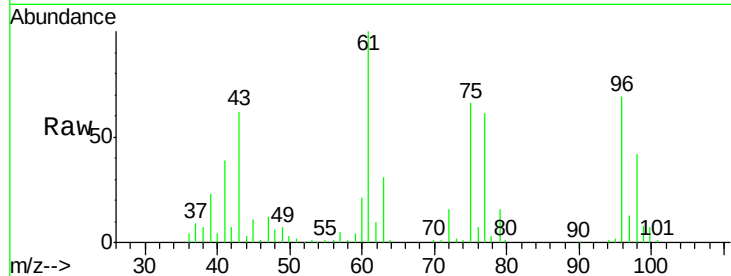
cis-1,2-Dichloroethene
 Concen: 21.536 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	296.8
98	63.2	0.0	128.0

Manual Integrations
 APPROVED

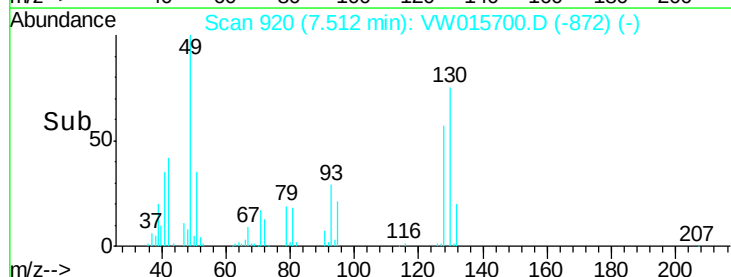
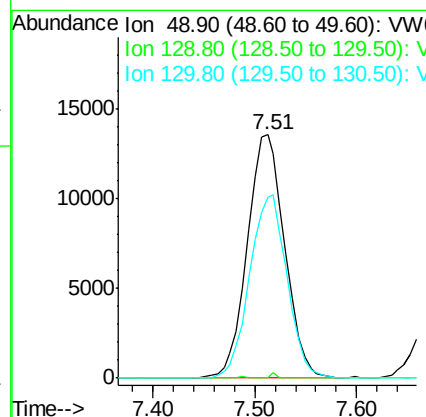
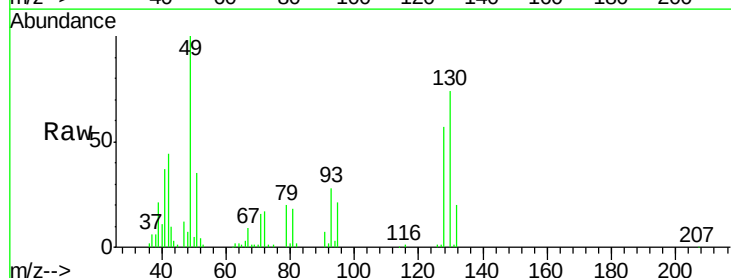
MMDadoda
 6/25/2020 4:18:29 PM

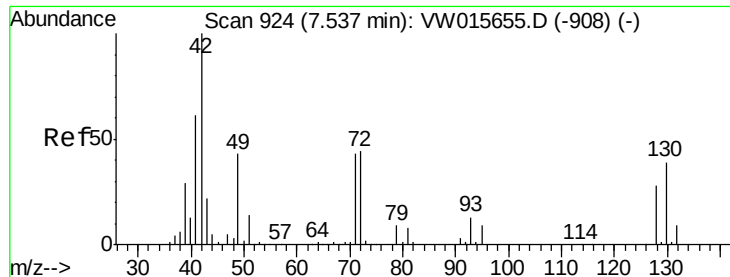


#28

Bromochloromethane
 Concen: 22.509 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	2.2
130	75.3	61.0	91.4





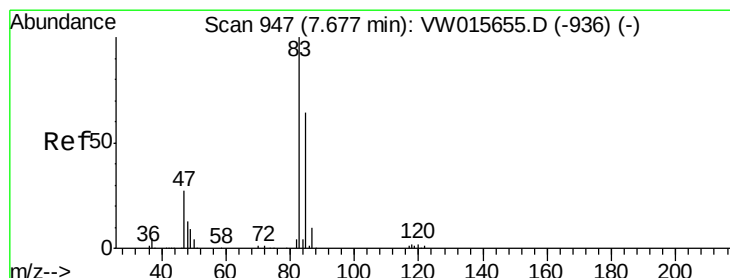
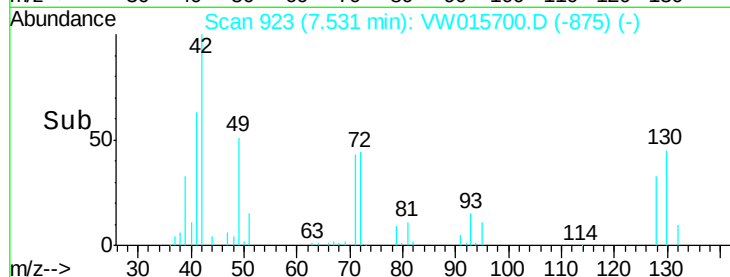
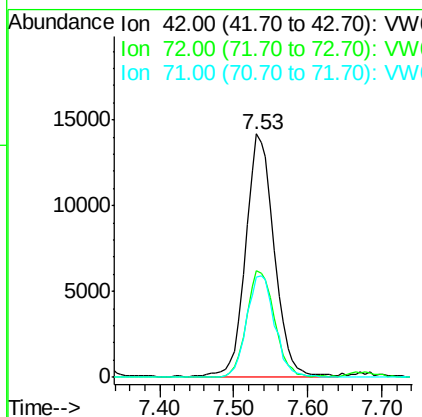
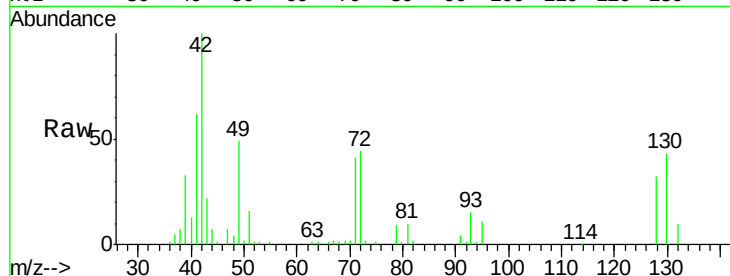
#29
Tetrahydrofuran
Concen: 113.801 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.0	52.6
71	40.6	32.6	49.0

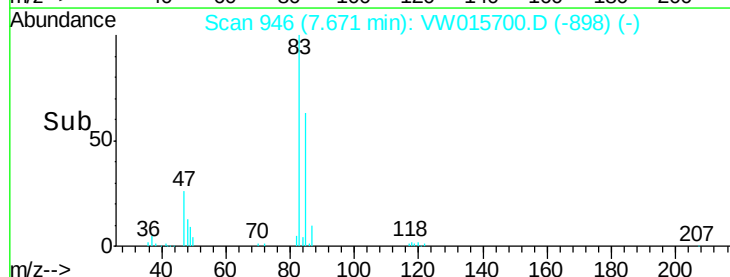
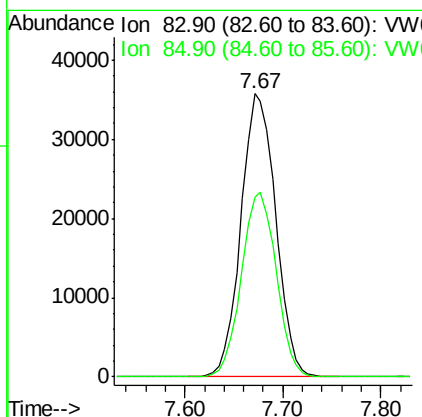
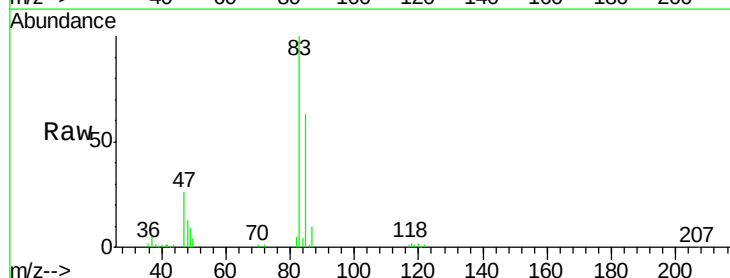
Manual Integrations
APPROVED

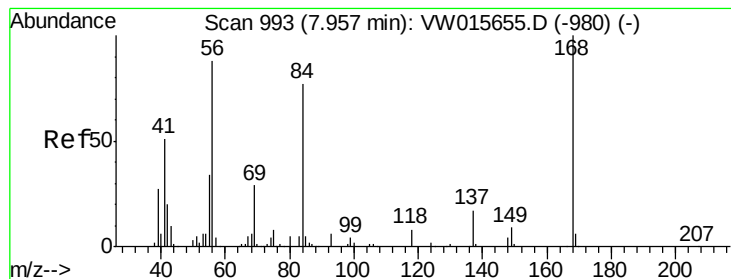
MMDadoda
6/25/2020 4:18:29 PM



#30
Chloroform
Concen: 21.575 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.4





#31

Cyclohexane

Concen: 18.818 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

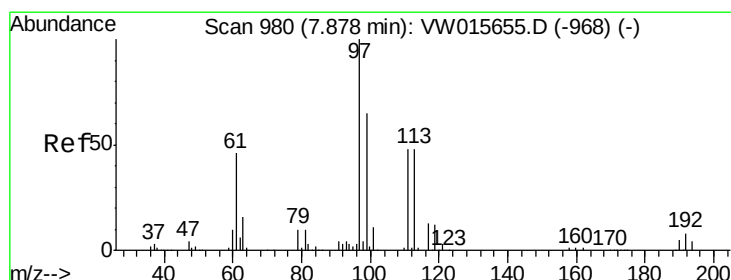
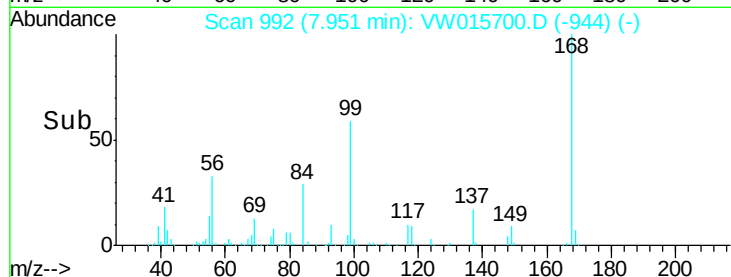
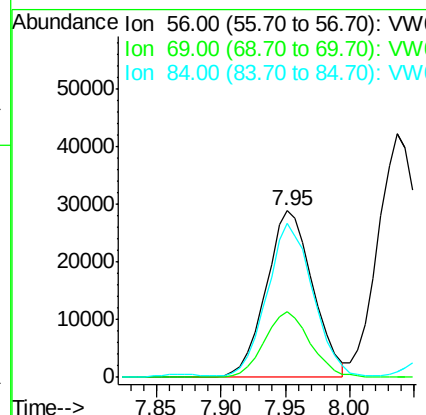
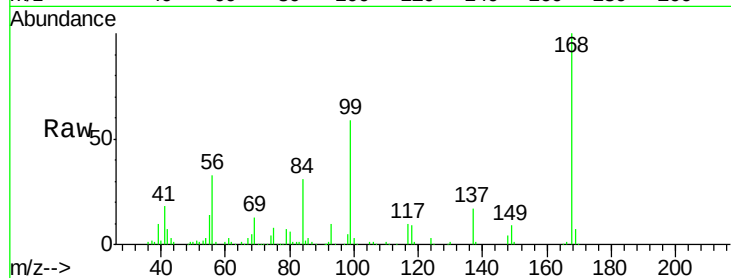
ClientSampleId :

VW0624SBS02

Tot Ion:	56	Resp:	72516
Ion Ratio	Lower	Upper	
56	100		
69	39.4	26.2	39.4#
84	91.4	70.4	105.6

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#32

1,1,1-Trichloroethane

Concen: 20.178 ug/l

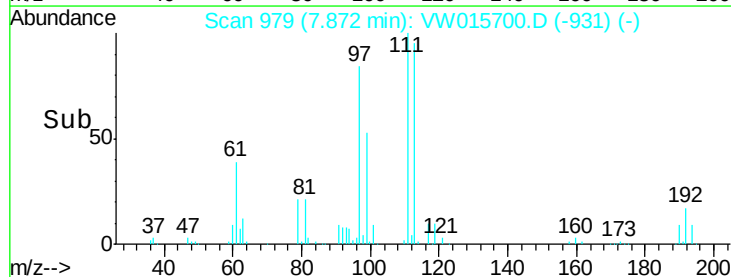
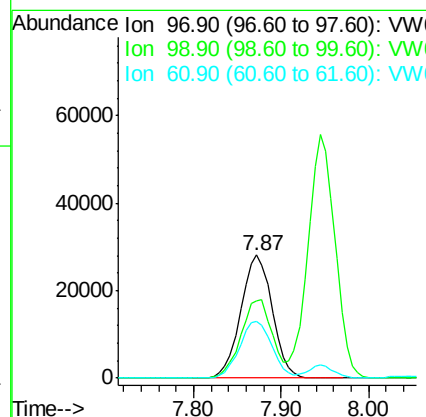
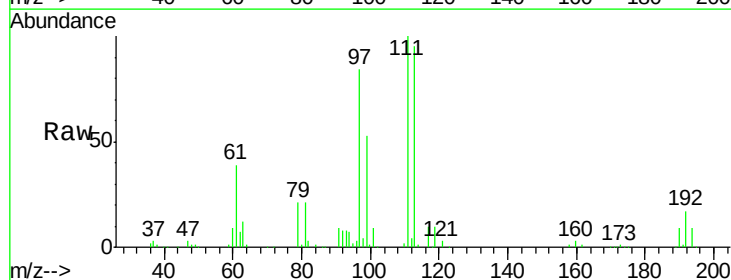
RT: 7.87 min Scan# 979

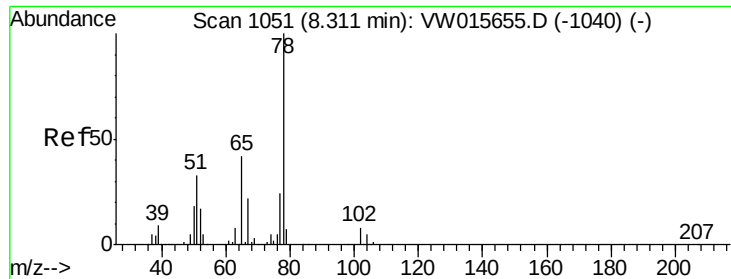
Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion:	97	Resp:	70273
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.9	77.9
61	47.7	37.3	55.9





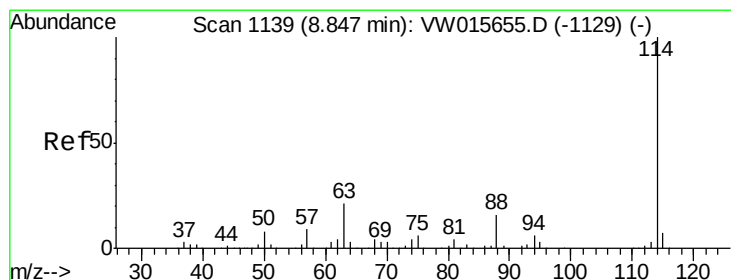
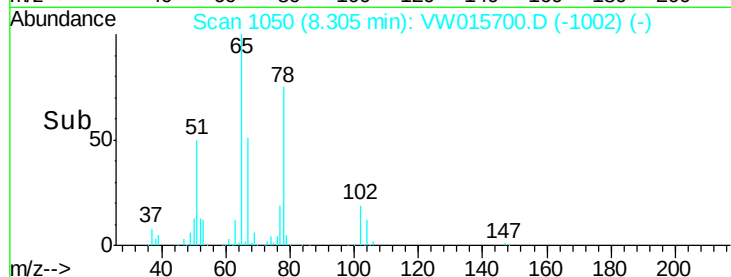
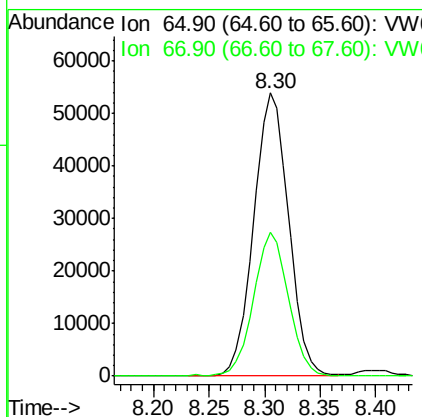
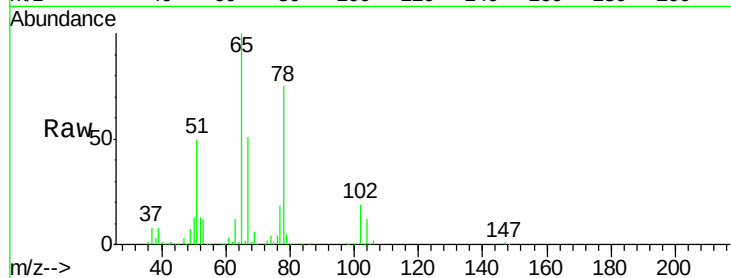
#33
 1,2-Dichloroethane-d4
 Concen: 52.709 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117915		
67	50.9	0.0	102.2	

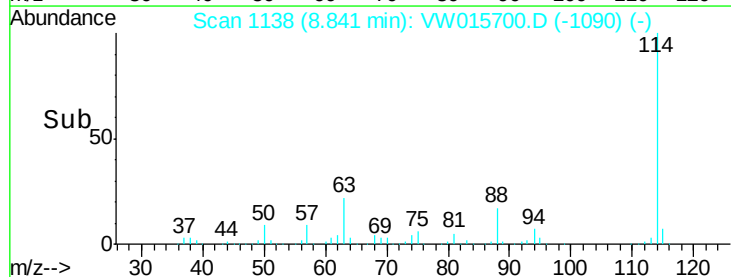
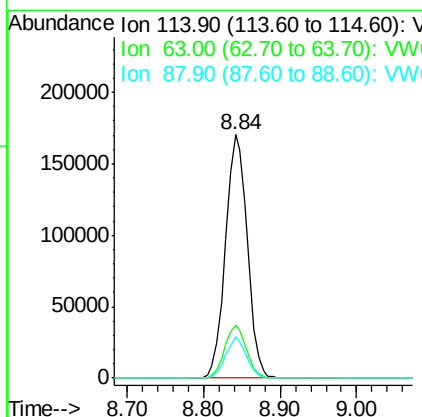
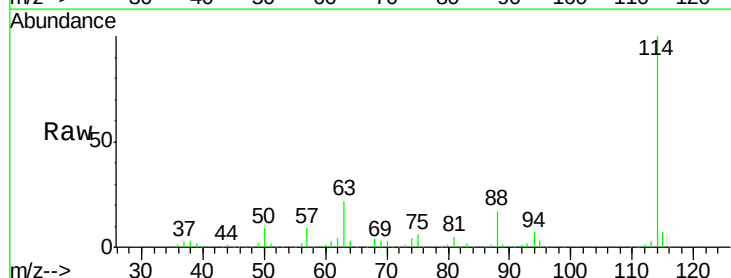
Manual Integrations
 APPROVED

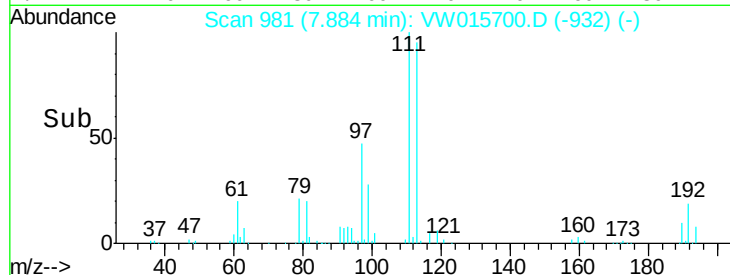
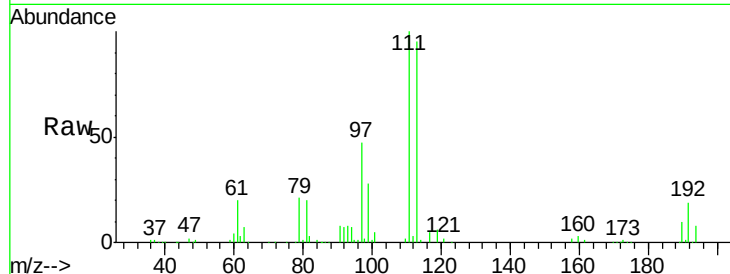
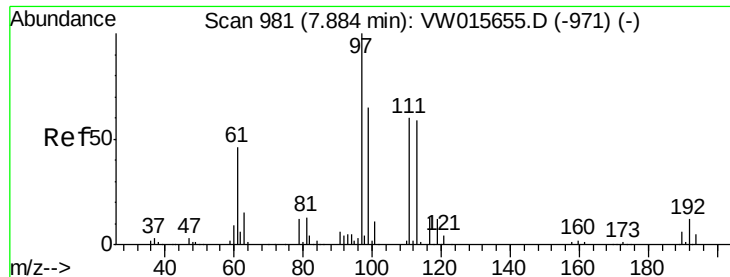
MMDadoda
 6/25/2020 4:18:29 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	334178		
63	21.9	0.0	42.4	
88	16.7	0.0	32.6	





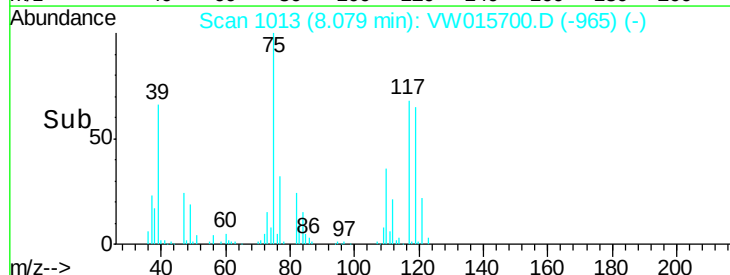
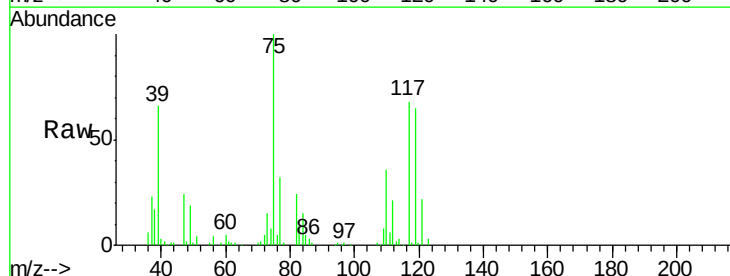
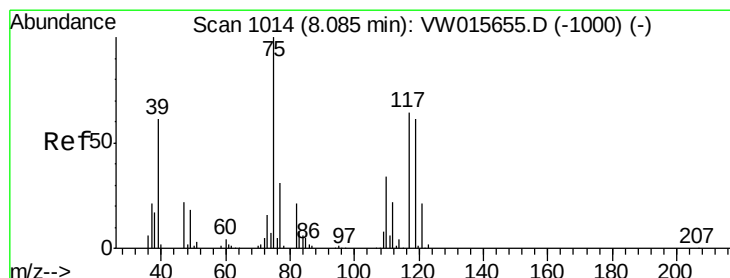
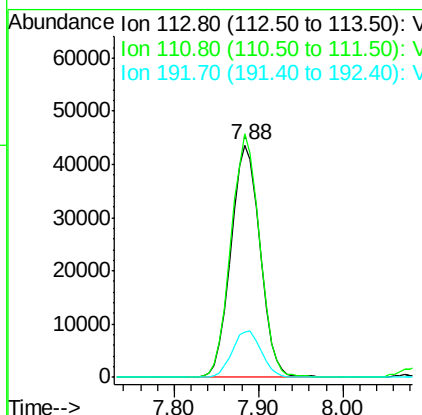
#35
Dibromofluoromethane
Concen: 48.672 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102312		
111	103.1	82.3	123.5	
192	20.0	16.4	24.6	

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

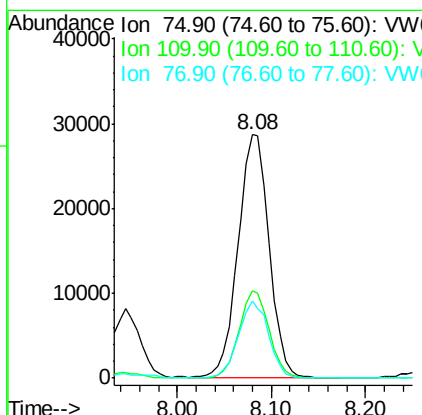
Manual Integrations
APPROVED

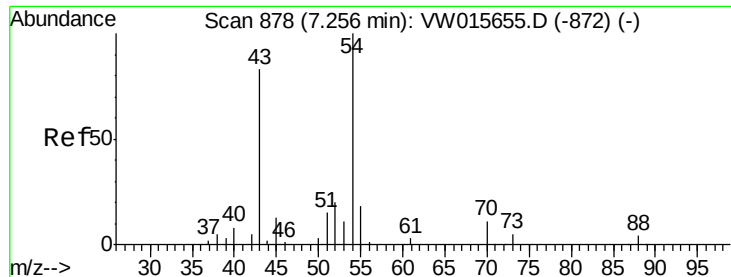
MMDadoda
6/25/2020 4:18:29 PM



#36
1,1-Dichloropropene
Concen: 19.145 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66545		
110	34.4	17.0	51.0	
77	30.8	24.6	36.8	





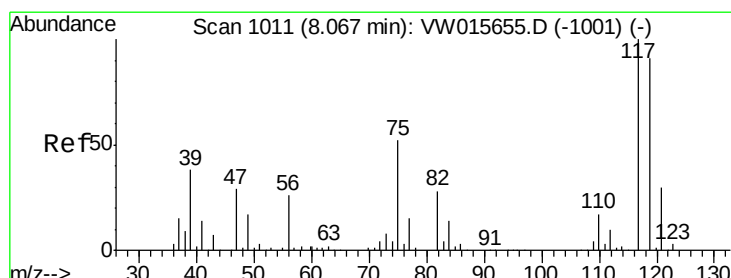
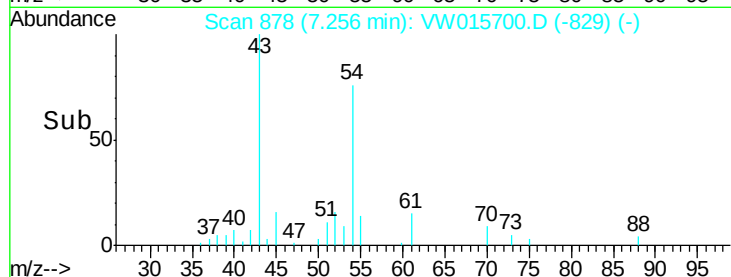
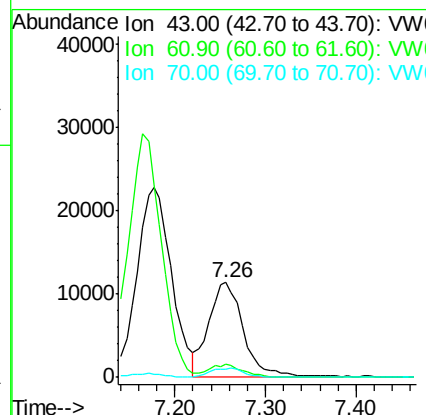
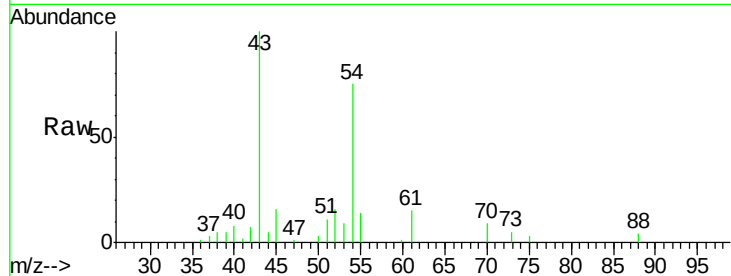
#37
Ethyl Acetate
Concen: 22.956 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.4	8.4	12.6

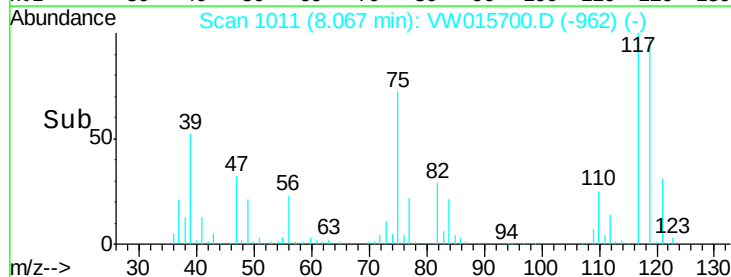
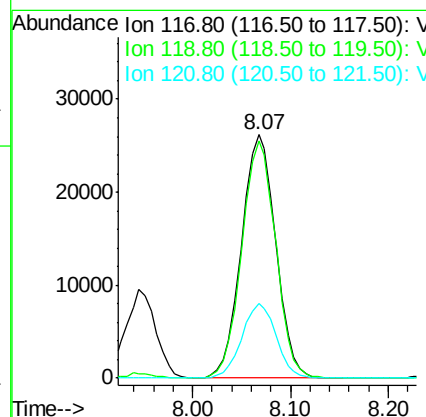
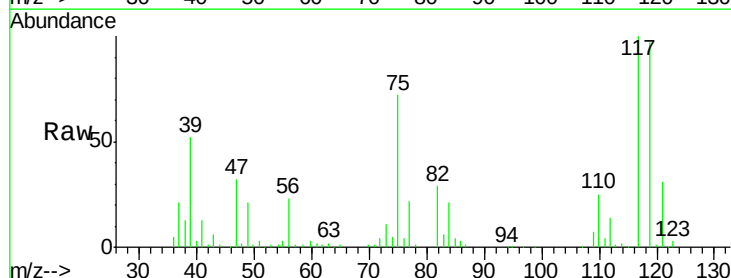
Manual Integrations
APPROVED

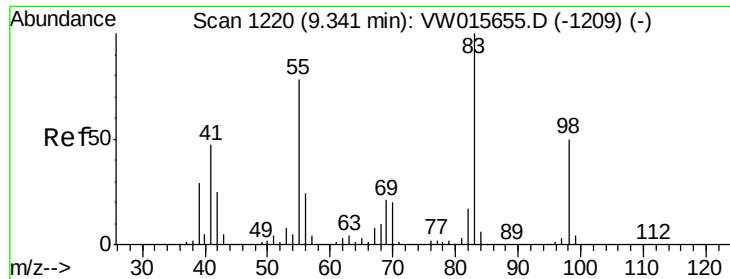
MMDadoda
6/25/2020 4:18:29 PM



#38
Carbon Tetrachloride
Concen: 18.922 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.2	109.8
121	30.8	23.9	35.9





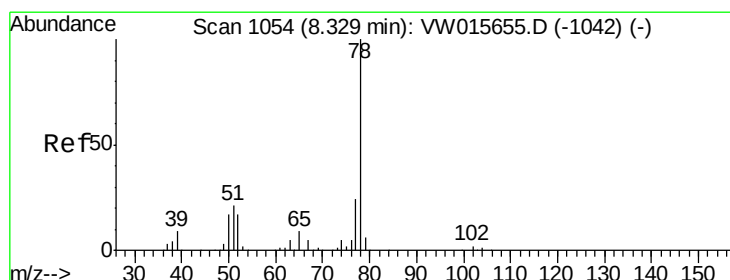
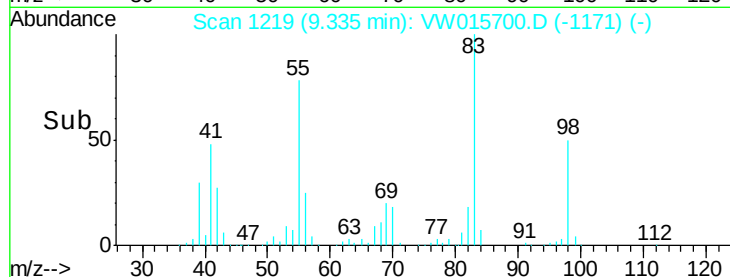
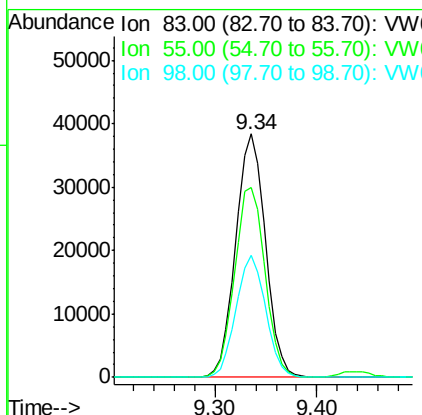
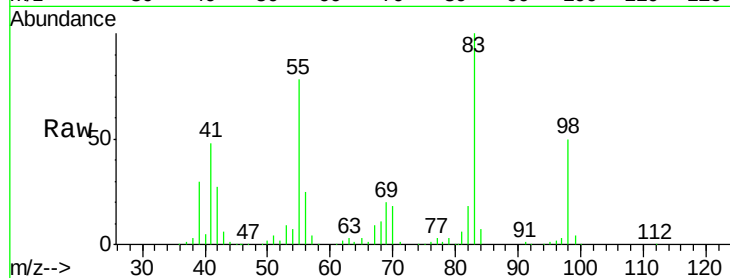
#39
Methylvlcyclohexane
Concen: 18.456 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	62.8	94.2
98	50.4	39.9	59.9

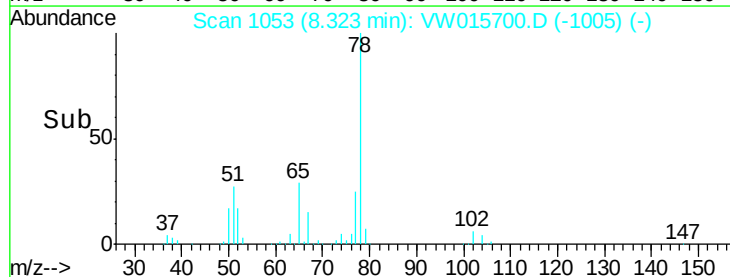
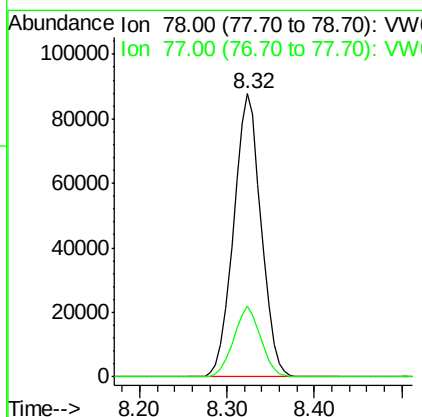
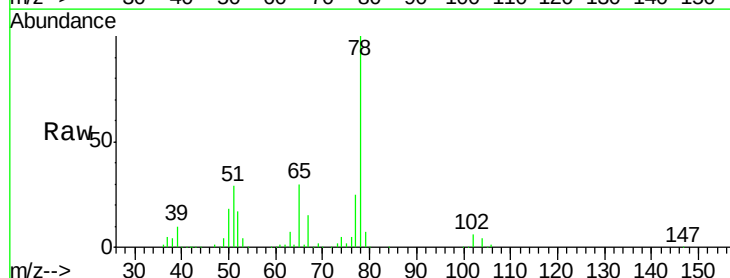
Manual Integrations
APPROVED

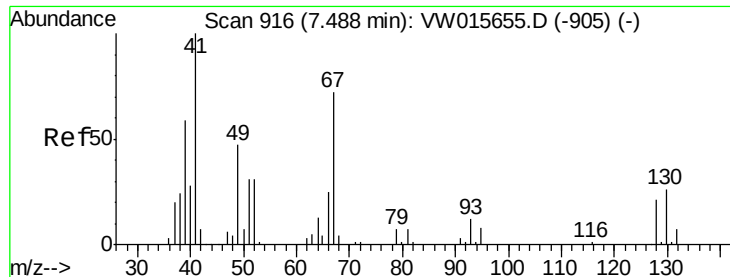
MMDadoda
6/25/2020 4:18:29 PM



#40
Benzene
Concen: 20.273 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.3	28.9





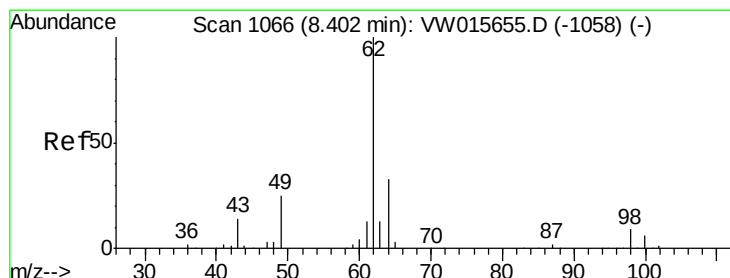
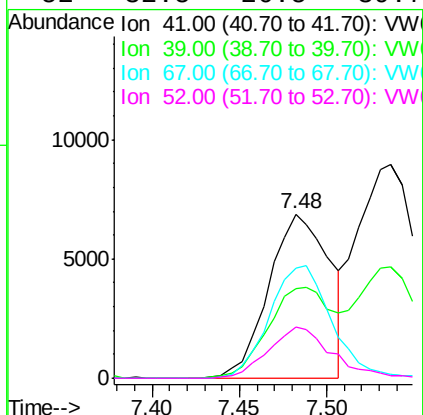
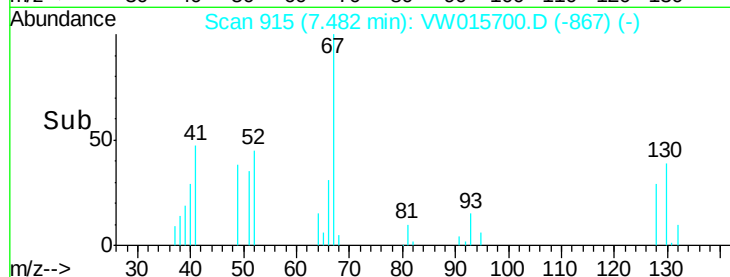
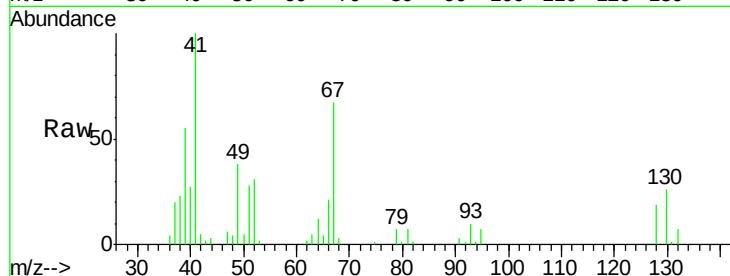
#41
Methacrylonitrile
Concen: 21.887 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	41	Resp	16671
Ion	Ratio	Lower	Upper
41	100		
39	58.3	52.0	78.0
67	70.6	57.5	86.3
52	32.5	26.5	39.7

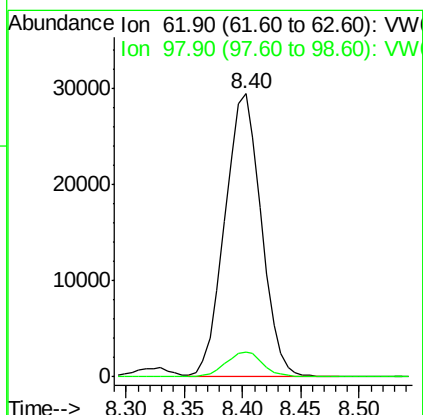
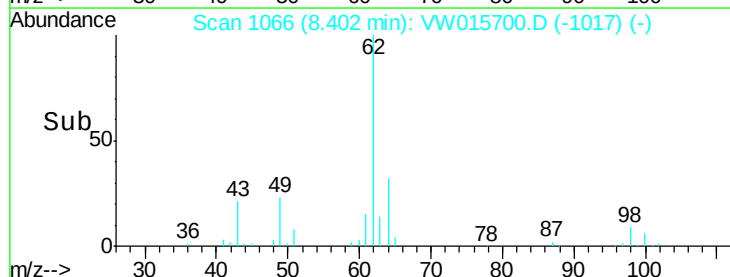
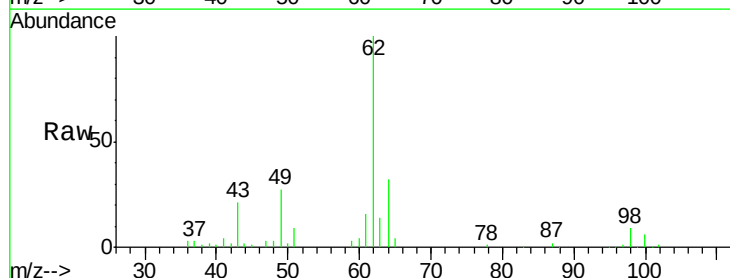
Manual Integrations
APPROVED

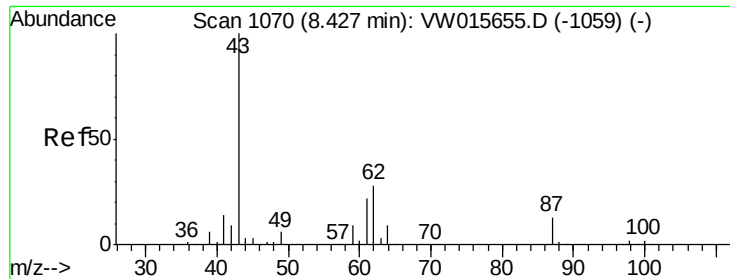
MMDadoda
6/25/2020 4:18:29 PM



#42
1,2-Dichloroethane
Concen: 21.962 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	62	Resp	64211
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4





#43

Isopropyl Acetate

Concen: 22.195 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

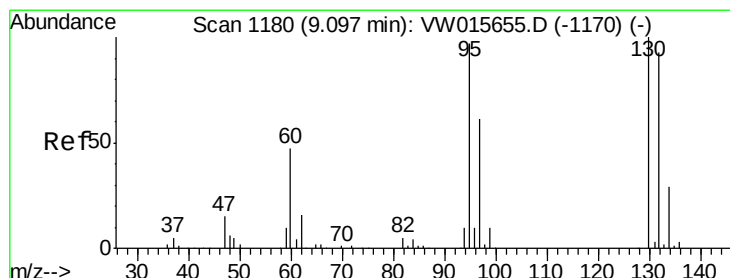
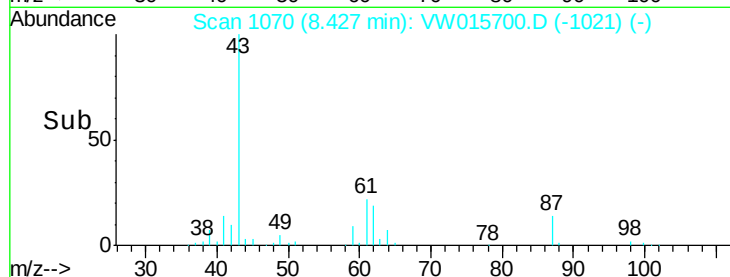
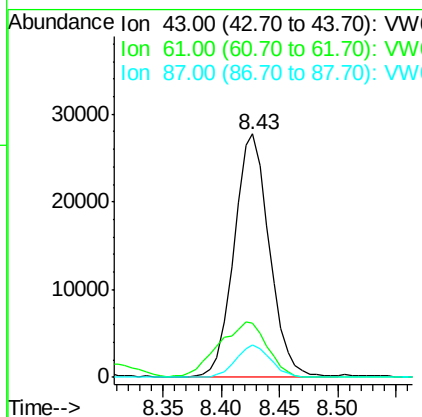
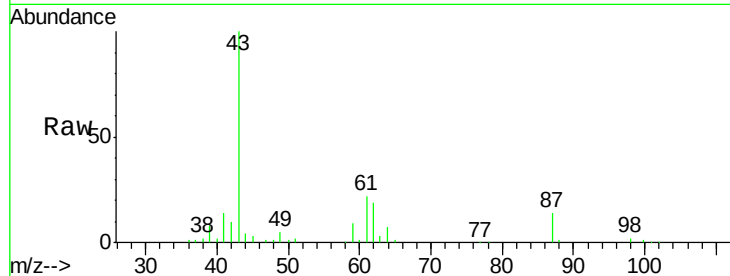
ClientSampleId :

VW0624SBS02

Tot Ion:	43	Resp:	58782
Ion	Ratio	Lower	Upper
43	100		
61	31.4	24.7	37.1
87	12.9	10.2	15.2

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#44

Trichloroethene

Concen: 19.699 ug/l

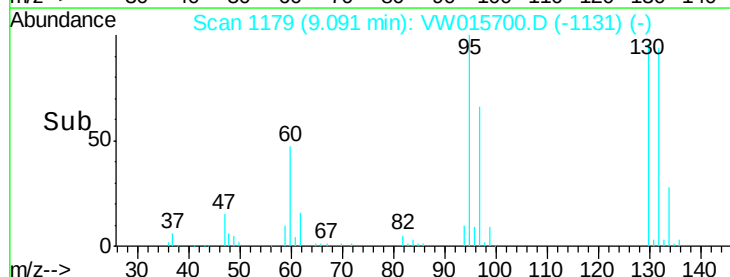
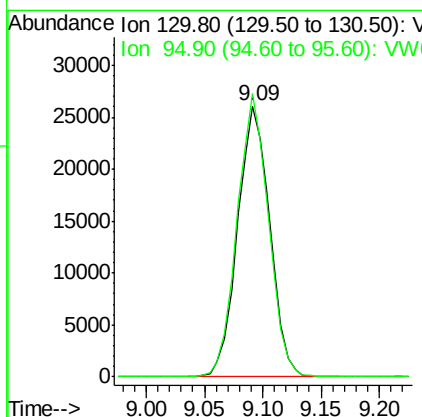
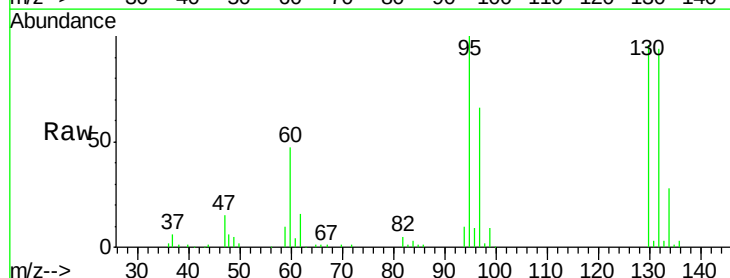
RT: 9.09 min Scan# 1179

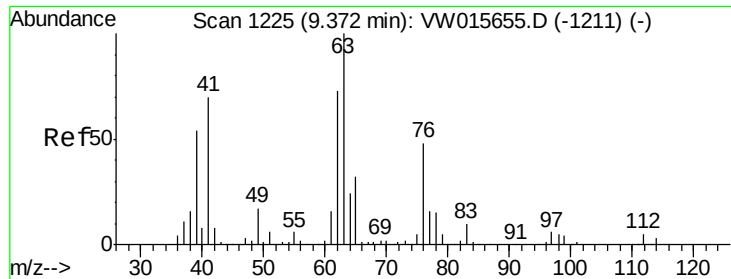
Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion:	130	Resp:	50180
Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	194.4





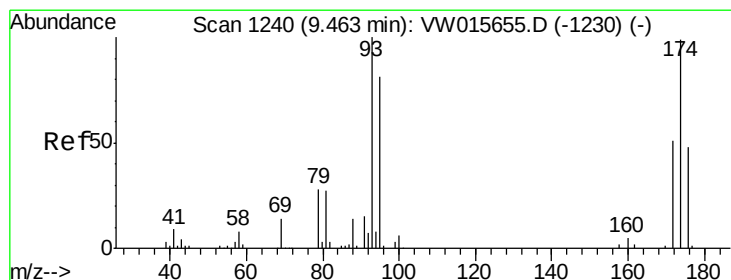
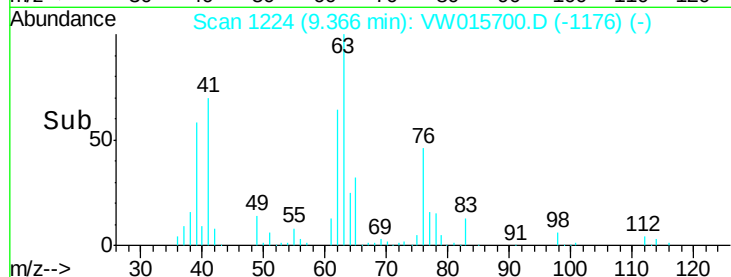
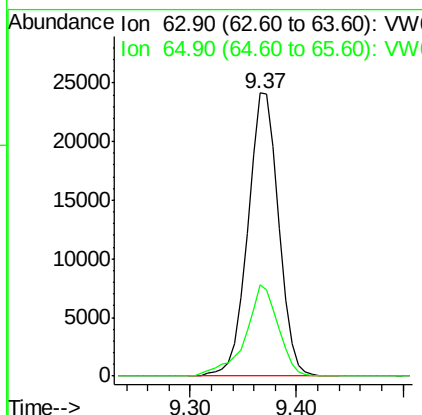
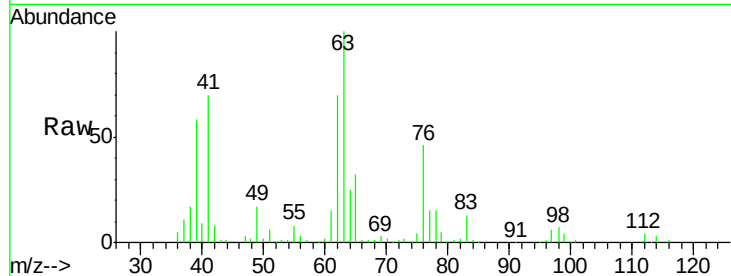
#45
 1,2-Dichloropropane
 Concen: 21.226 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBS02

Tot Ion: 63 Resp: 49034
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.3 37.9

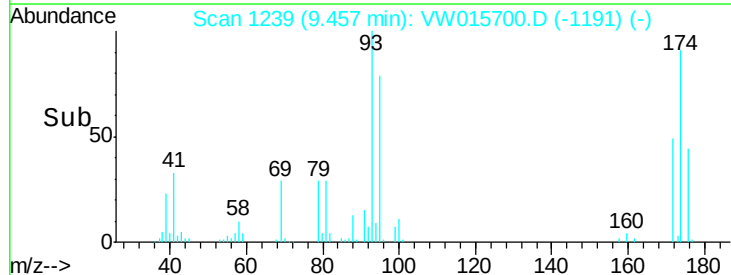
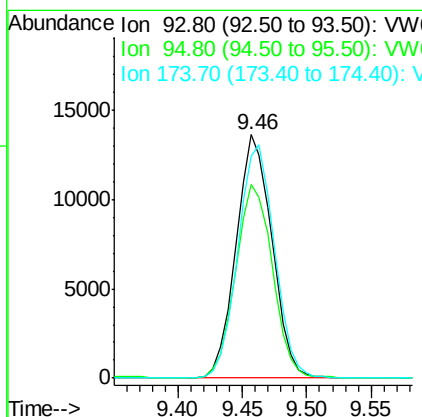
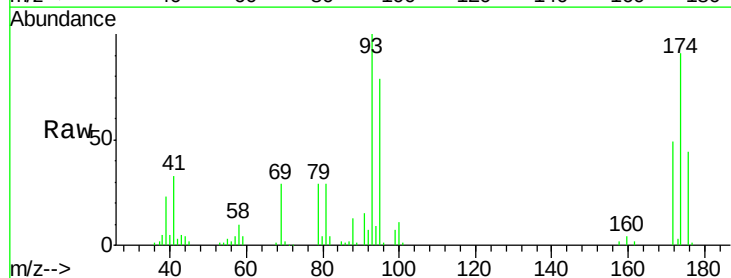
Manual Integrations
 APPROVED

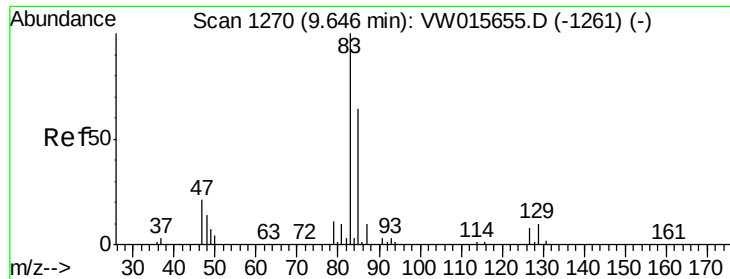
MMDadoda
 6/25/2020 4:18:29 PM



#46
 Dibromomethane
 Concen: 22.006 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion: 93 Resp: 26302
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.7 98.5
 174 97.5 79.0 118.6





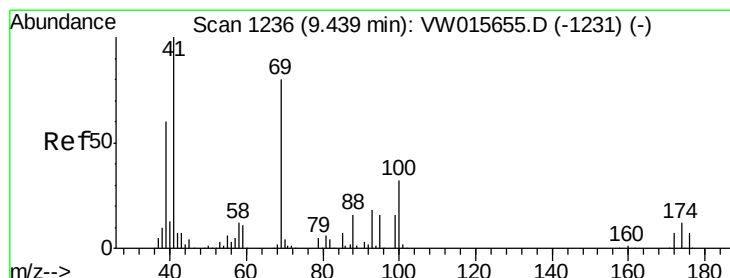
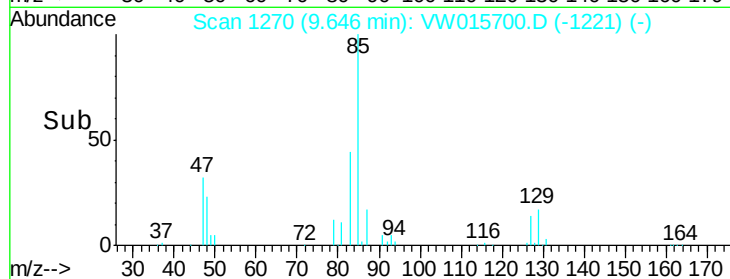
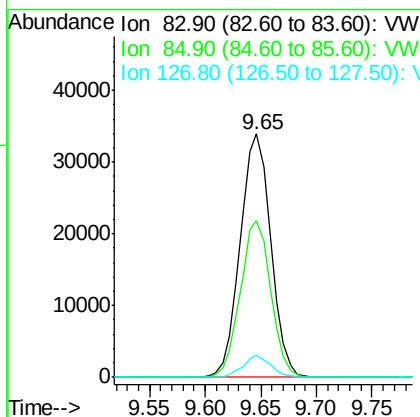
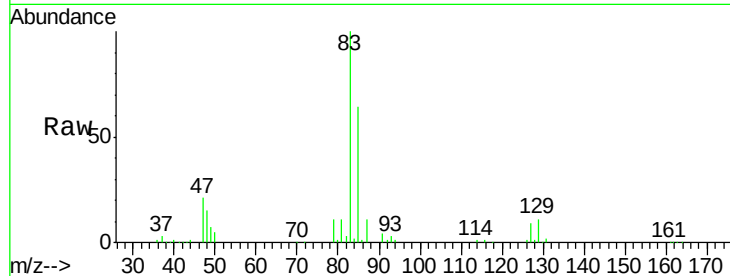
#47
Bromodichloromethane
Concen: 20.776 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	83	Resp	64773
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.8	76.2
127	9.2	6.3	9.5

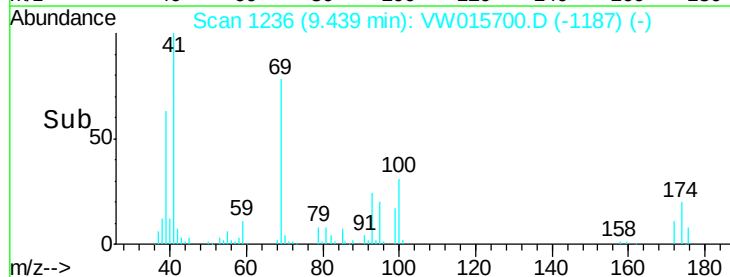
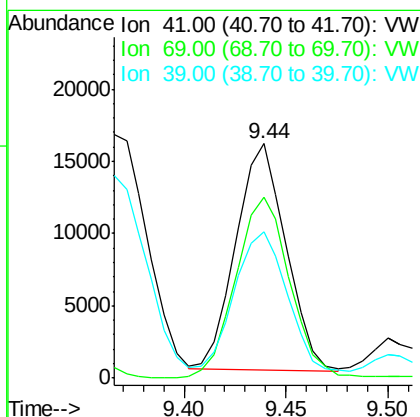
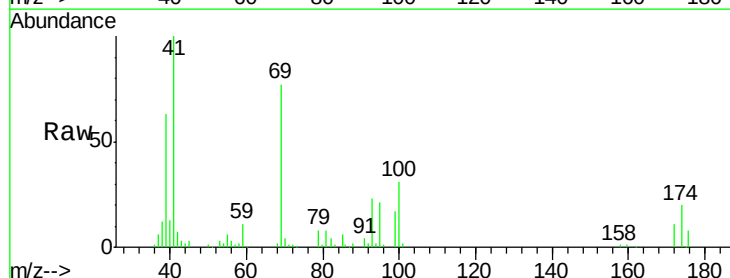
Manual Integrations
APPROVED

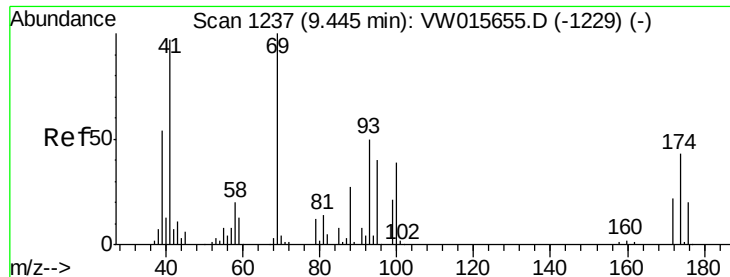
MMDadoda
6/25/2020 4:18:29 PM



#48
Methyl methacrylate
Concen: 22.071 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	41	Resp	26724
Ion Ratio	100	Lower	Upper
41	100		
69	86.3	68.2	102.2
39	72.0	49.8	74.6





#49

1,4-Dioxane

Concen: 387.895 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.03 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

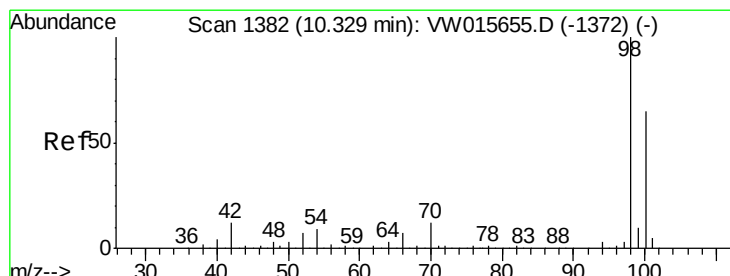
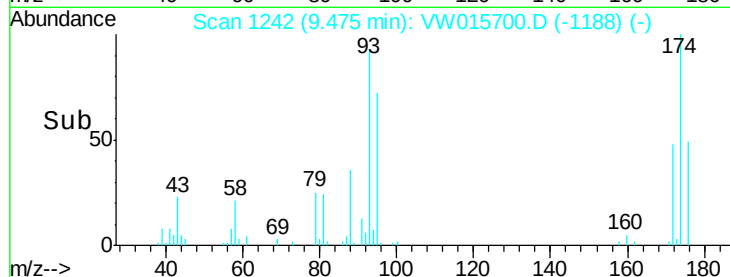
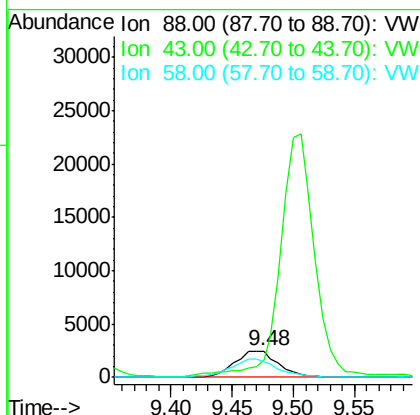
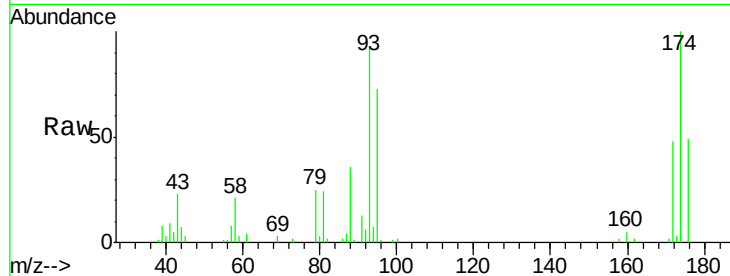
ClientSampleId :

VW0624SBS02

Tot Ion	88	Resp	6082
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	73.7	56.1	84.1

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#50

Toluene-d8

Concen: 49.047 ug/l

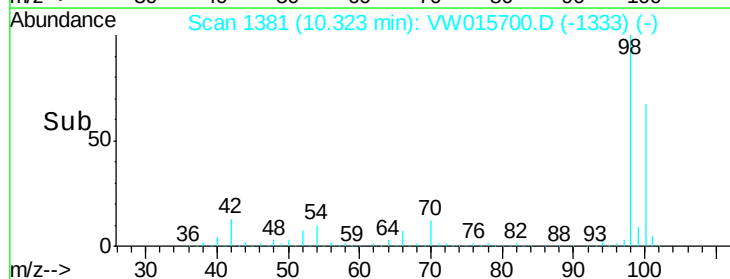
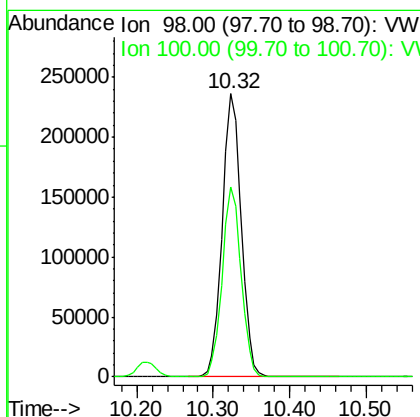
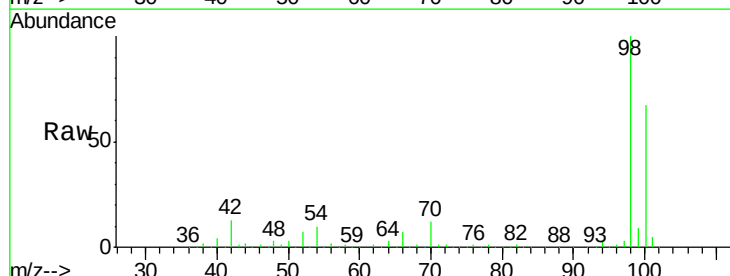
RT: 10.32 min Scan# 1381

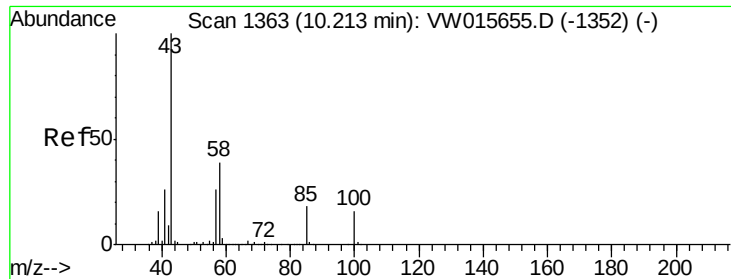
Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion	98	Resp	405743
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.8	79.2





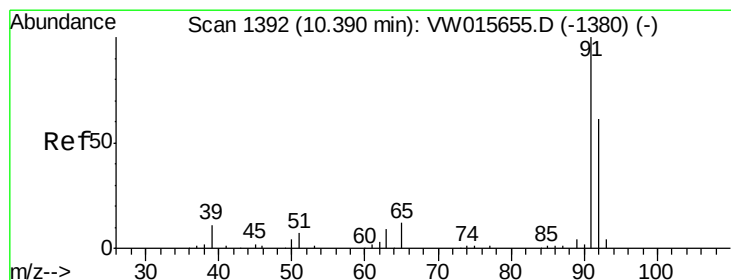
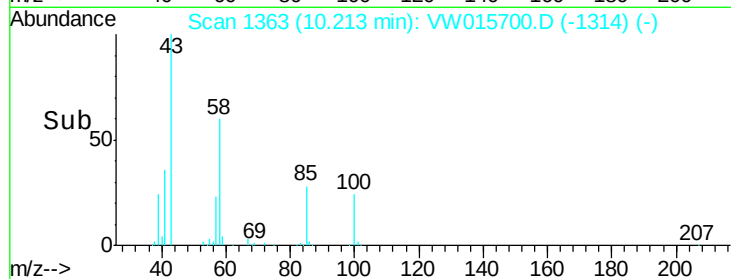
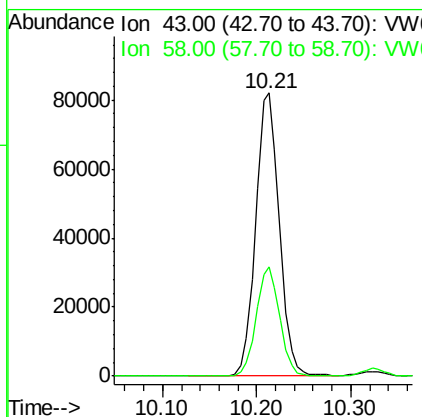
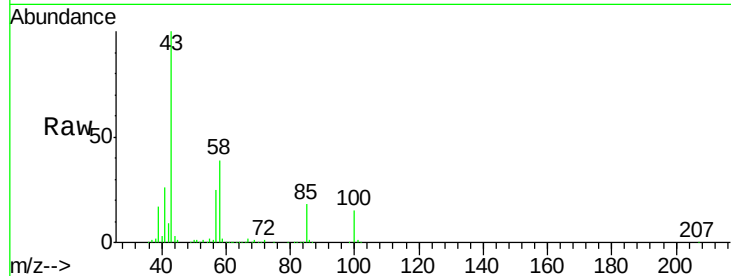
#51
4-Methyl-2-Pentanone
Concen: 113.698 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 43 Resp: 145214
Ion Ratio Lower Upper
43 100
58 38.0 31.2 46.8

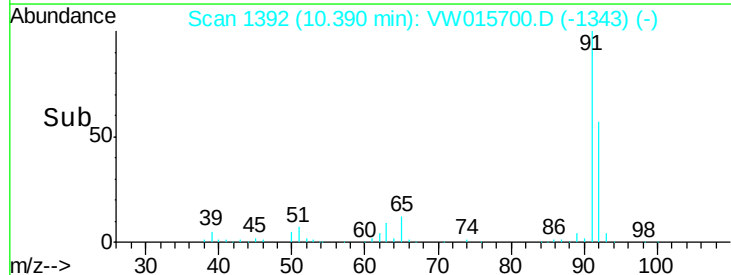
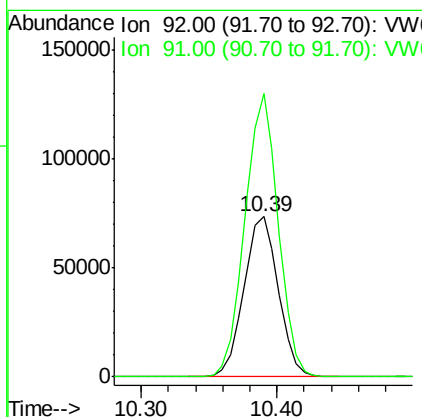
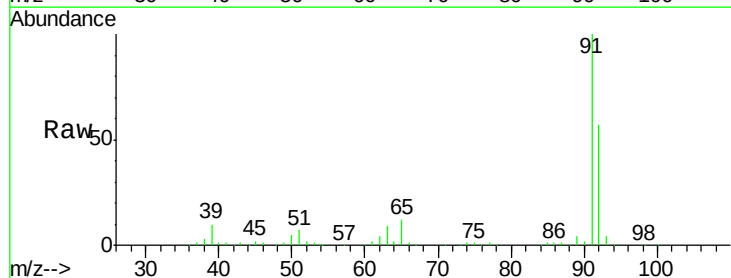
Manual Integrations
APPROVED

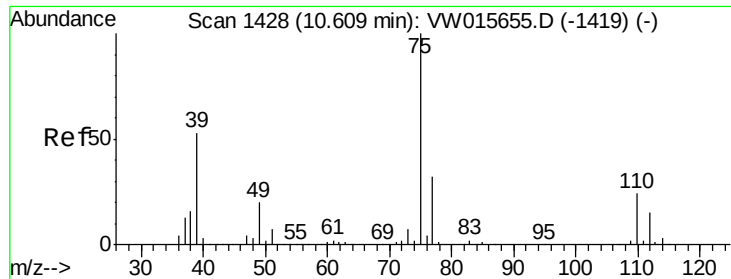
MMDadoda
6/25/2020 4:18:29 PM



#52
Toluene
Concen: 21.265 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 92 Resp: 129771
Ion Ratio Lower Upper
92 100
91 171.7 135.5 203.3





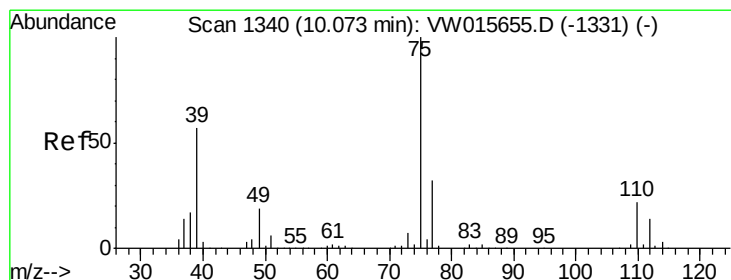
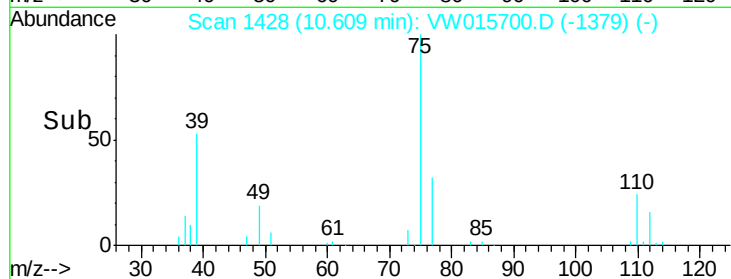
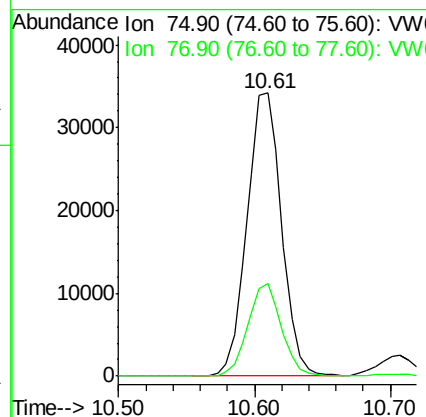
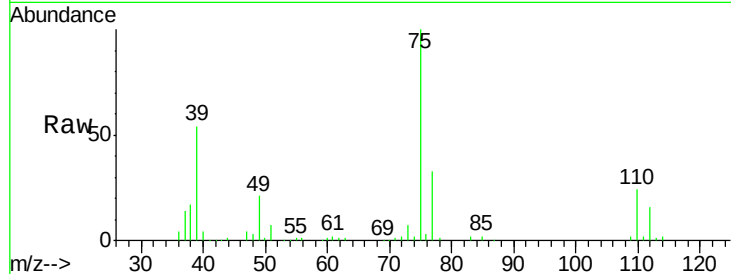
#53
 t-1,3-Dichloropropene
 Concen: 20.209 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion: 75 Resp: 60867
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9

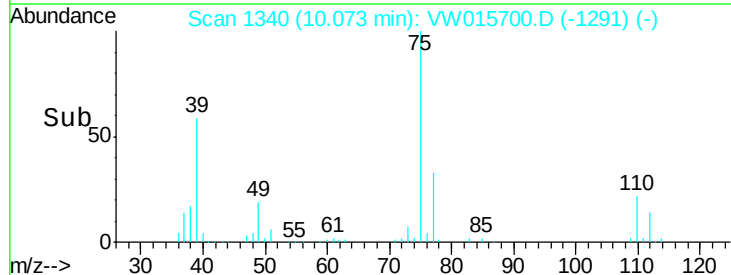
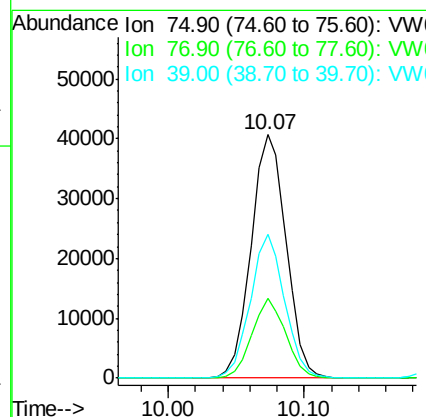
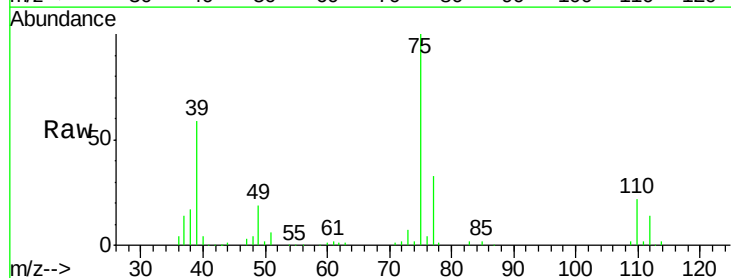
Manual Integrations
 APPROVED

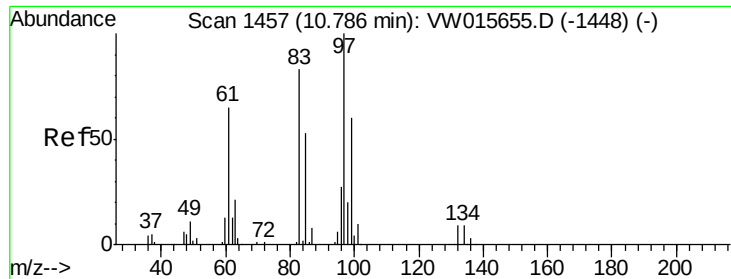
MMDadoda
 6/25/2020 4:18:29 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.413 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion: 75 Resp: 73449
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2
 39 59.0 45.8 68.6





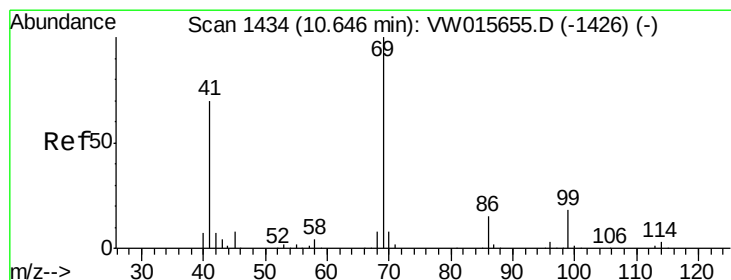
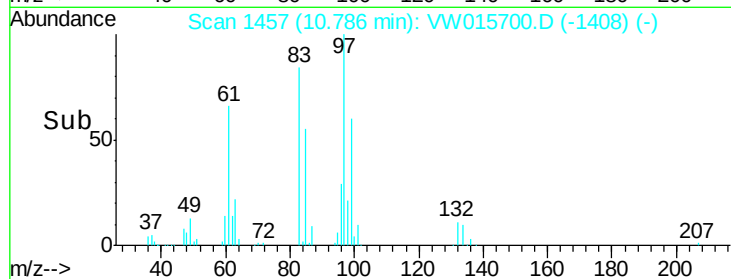
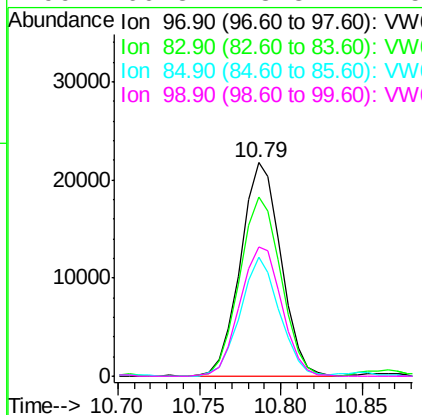
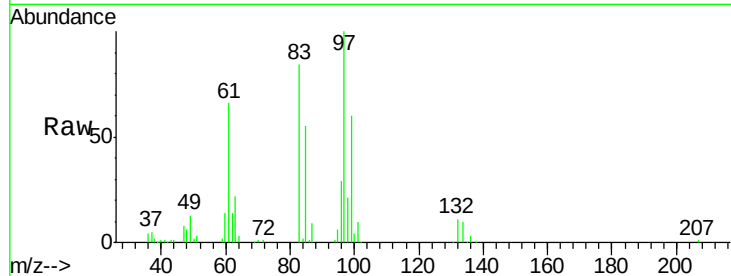
#55
 1,1,2-Trichloroethane
 Concen: 22.629 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	97	Resp	37606
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.3	99.5
85	55.5	42.5	63.7
99	60.3	48.3	72.5

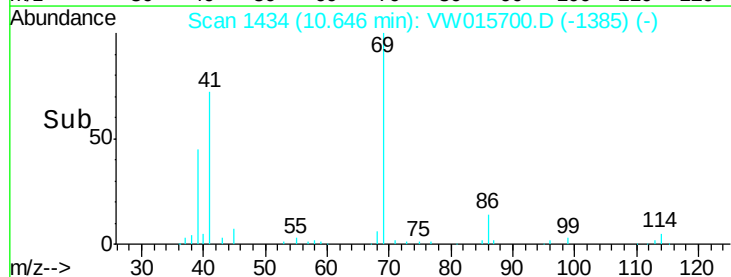
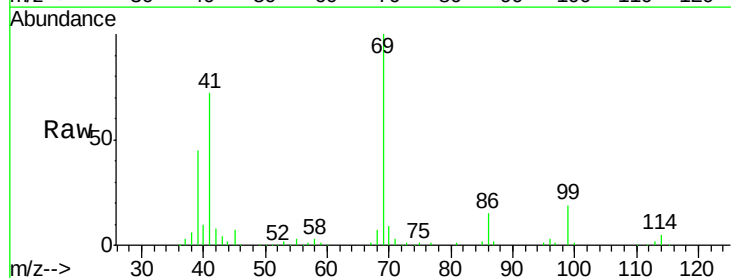
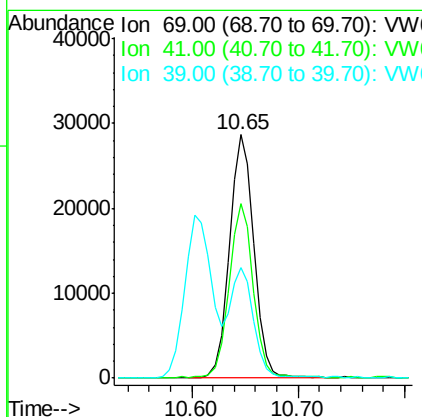
Manual Integrations
 APPROVED

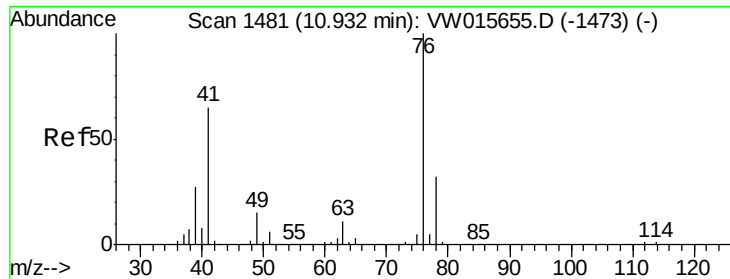
MMDadoda
 6/25/2020 4:18:29 PM



#56
 Ethyl methacrylate
 Concen: 22.319 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	69	Resp	46150
Ion	Ratio	Lower	Upper
69	100		
41	71.9	55.8	83.6
39	43.0	29.5	44.3





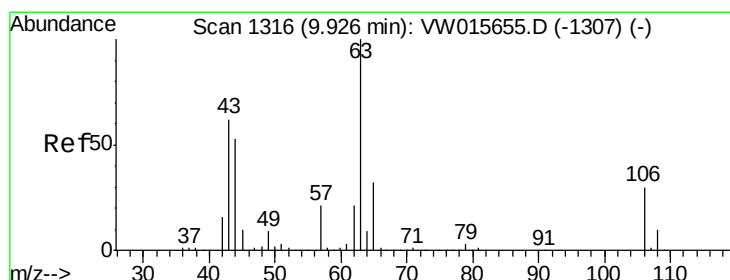
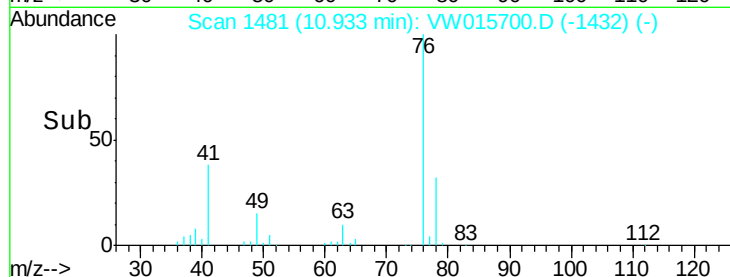
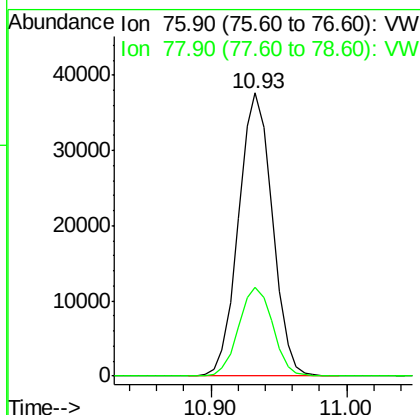
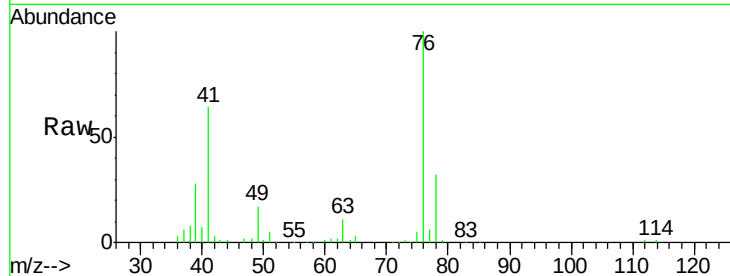
#57
 1,3-Dichloropropane
 Concen: 22.273 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion: 76 Resp: 65619
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2

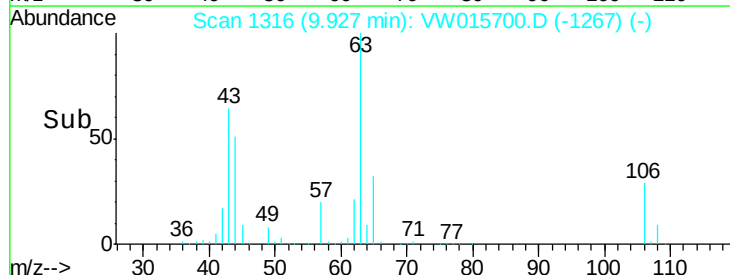
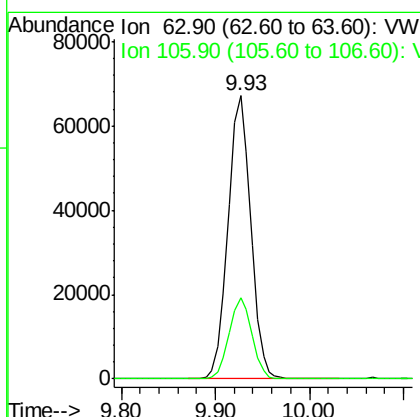
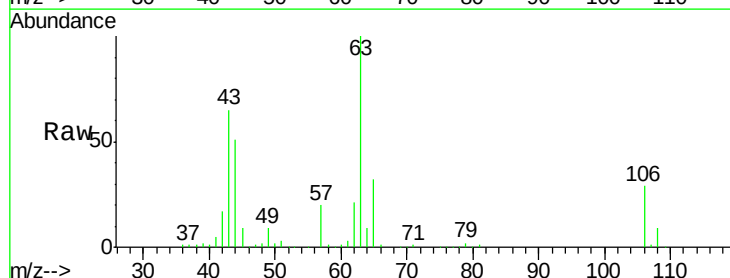
Manual Integrations
 APPROVED

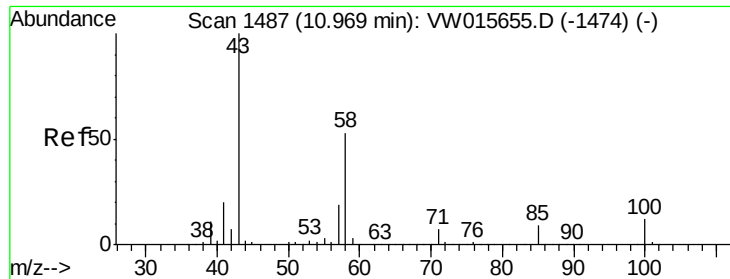
MMDadoda
 6/25/2020 4:18:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.336 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion: 63 Resp: 112856
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.3 34.9





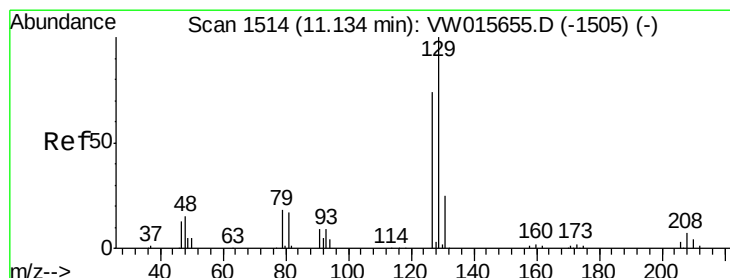
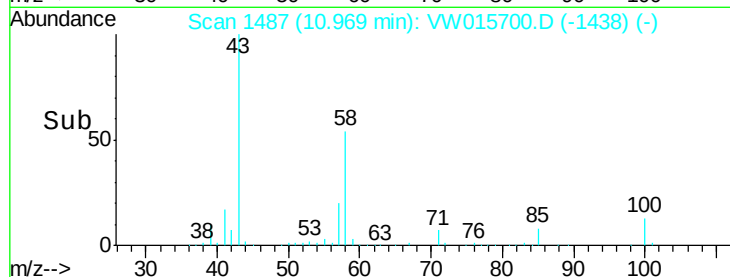
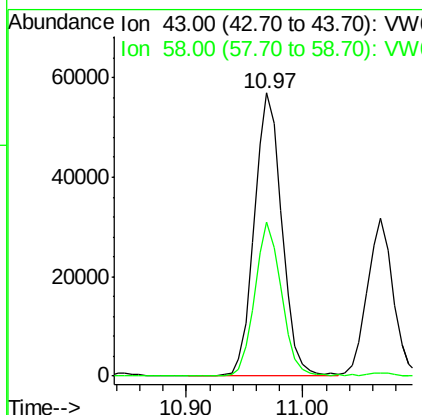
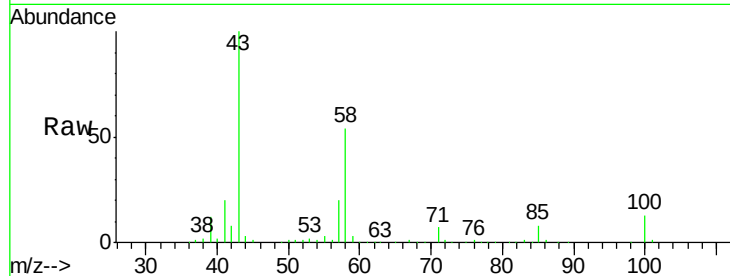
#59
2-Hexanone
Concen: 108.486 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 43 Resp: 94329
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4

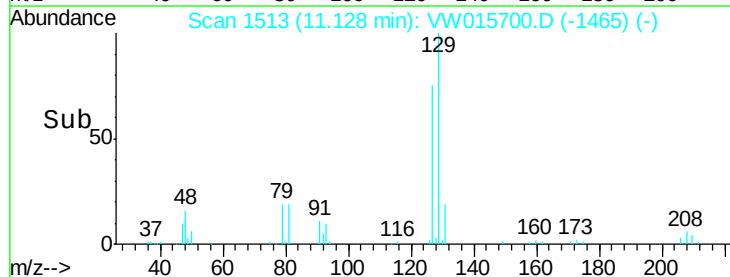
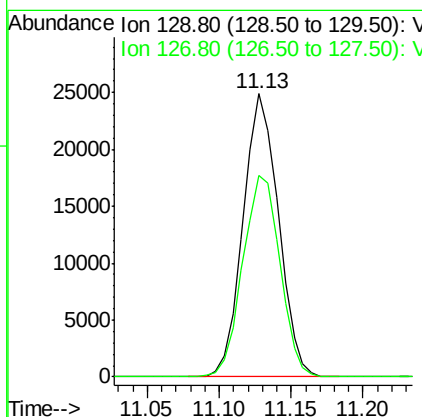
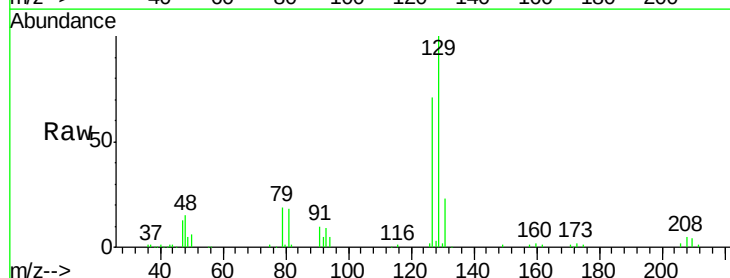
Manual Integrations
APPROVED

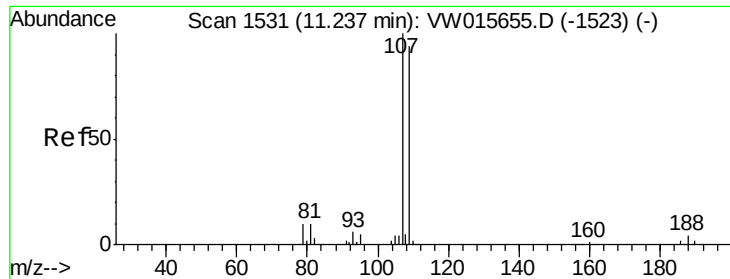
MMDadoda
6/25/2020 4:18:29 PM



#60
Dibromochloromethane
Concen: 21.841 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 129 Resp: 42296
Ion Ratio Lower Upper
129 100
127 74.8 38.0 114.1





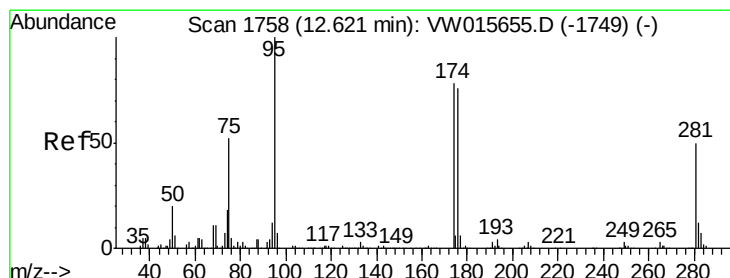
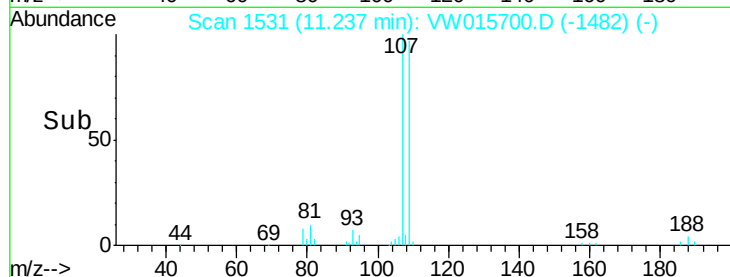
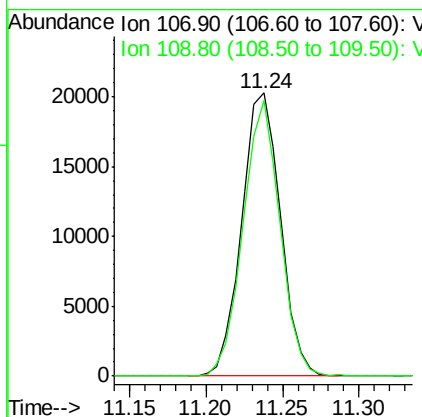
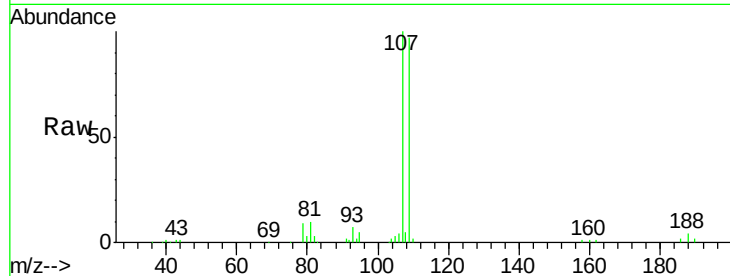
#61
 1,2-Dibromoethane
 Concen: 22.491 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.9	112.3

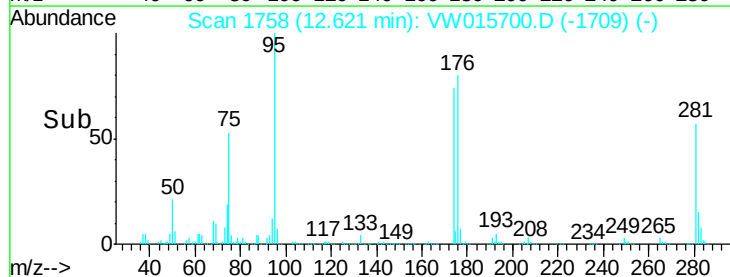
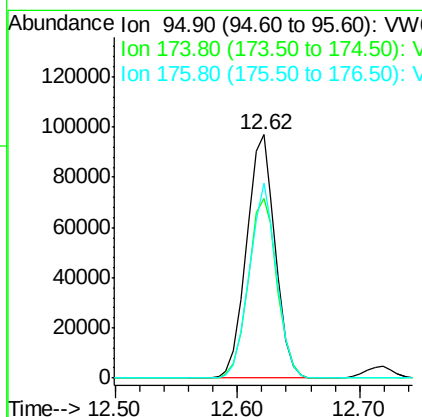
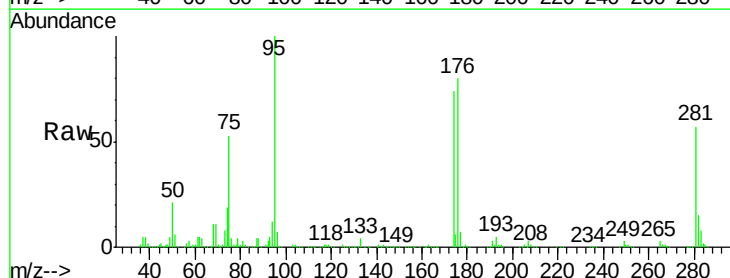
Manual Integrations
 APPROVED

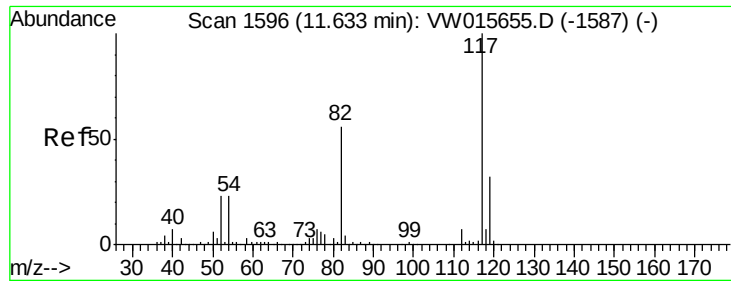
MMDadoda
 6/25/2020 4:18:29 PM



#62
 4-Bromofluorobenzene
 Concen: 51.542 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	157.0
176	76.3	0.0	151.4





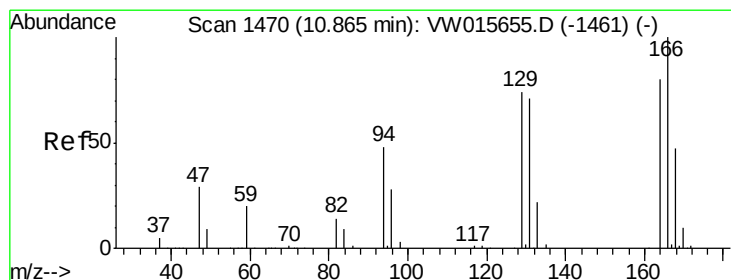
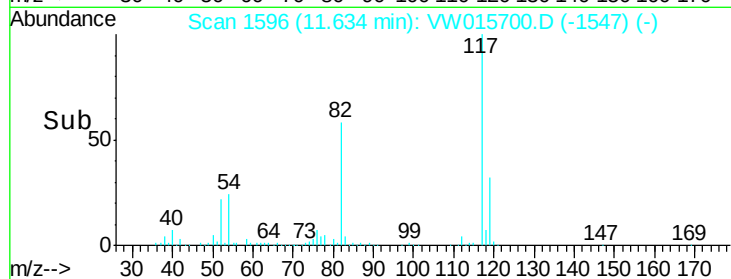
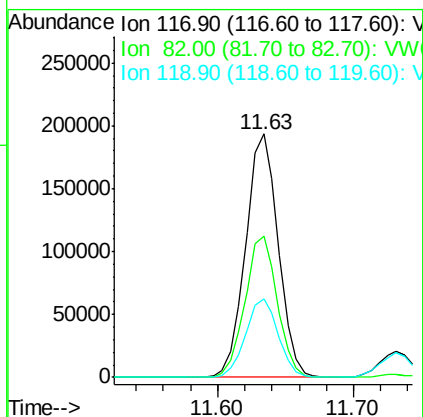
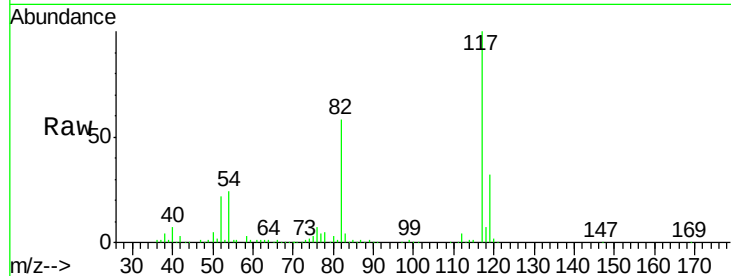
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.1	67.7
119	32.1	25.8	38.8

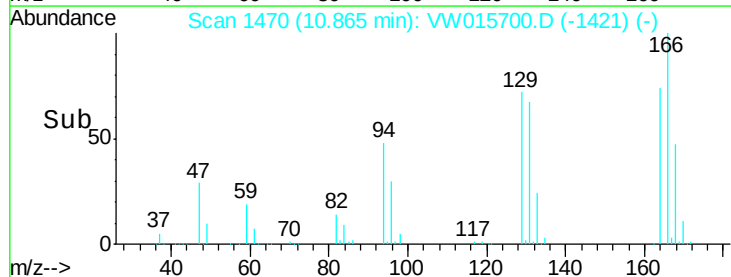
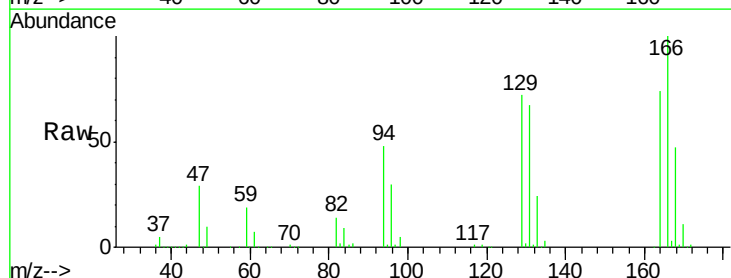
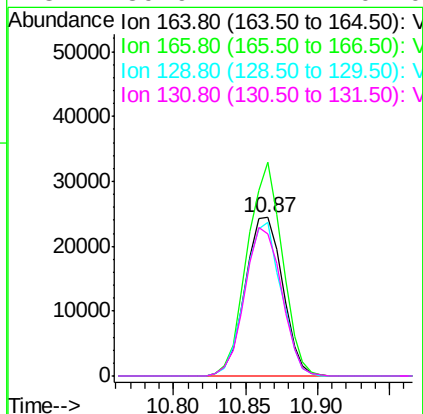
Manual Integrations
APPROVED

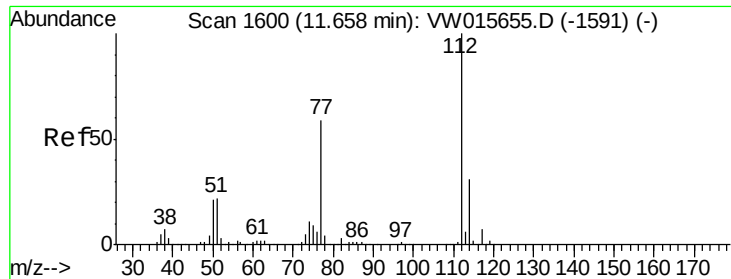
MMDadoda
6/25/2020 4:18:29 PM



#64
Tetrachloroethene
Concen: 19.322 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.6	99.9	149.9
129	96.7	74.2	111.2
131	89.9	71.4	107.0





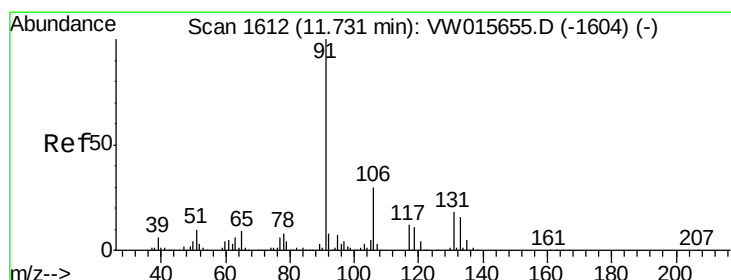
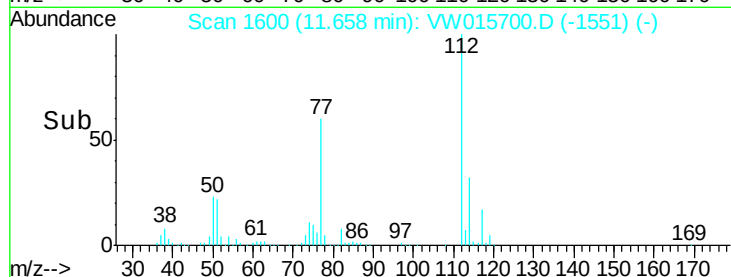
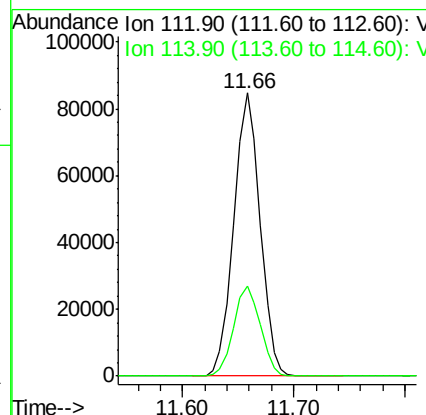
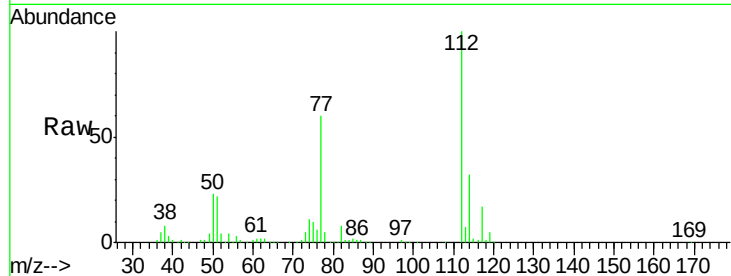
#65
Chlorobenzene
Concen: 20.254 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion:112 Resp: 138708
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3

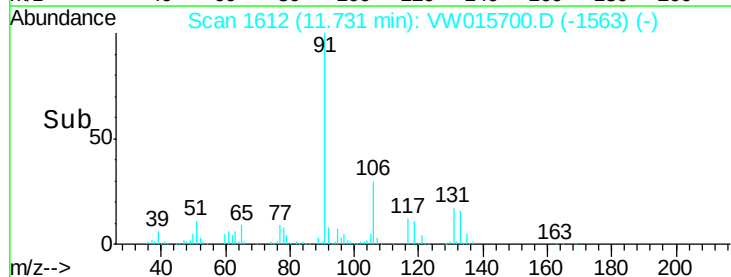
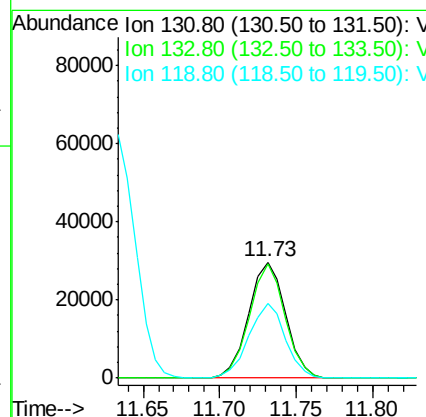
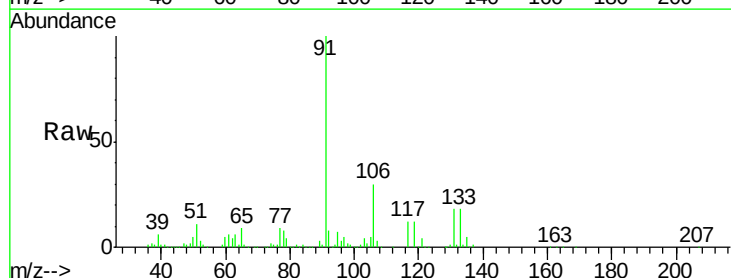
Manual Integrations
APPROVED

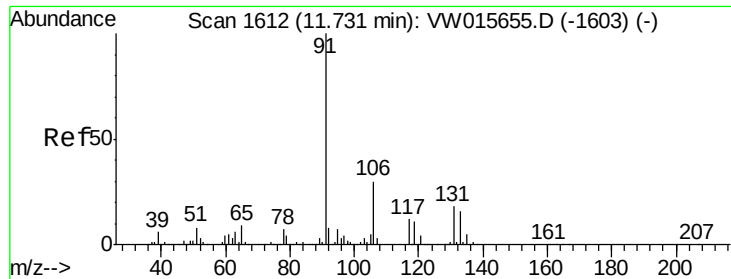
MMDadoda
6/25/2020 4:18:29 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.636 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion:131 Resp: 49552
Ion Ratio Lower Upper
131 100
133 95.5 46.5 139.5
119 64.7 32.5 97.5





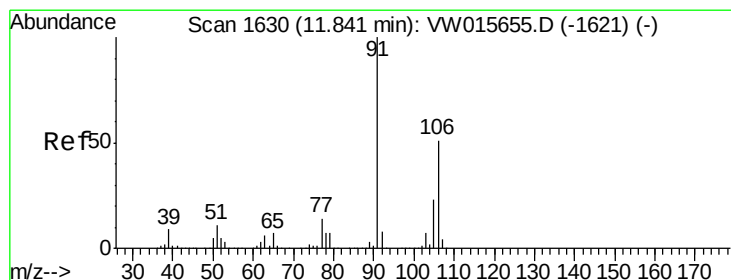
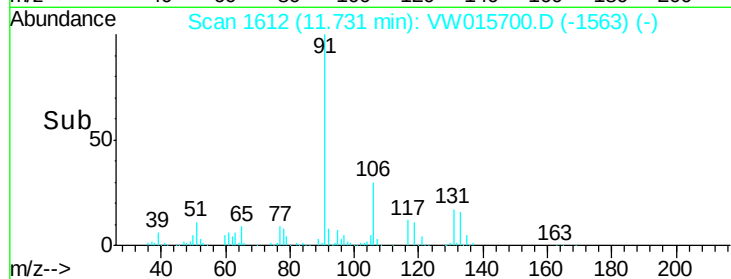
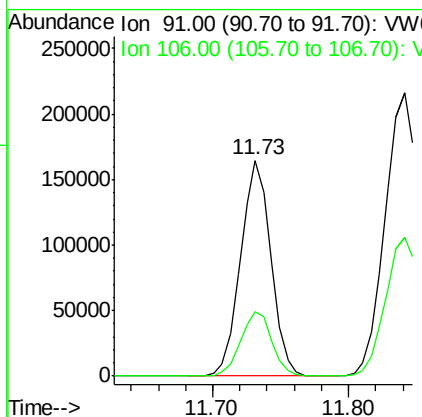
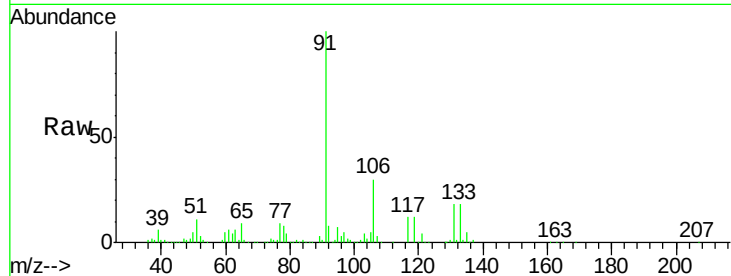
#67
Ethyl Benzene
Concen: 20.062 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	255699		
106	29.9		24.1	36.1

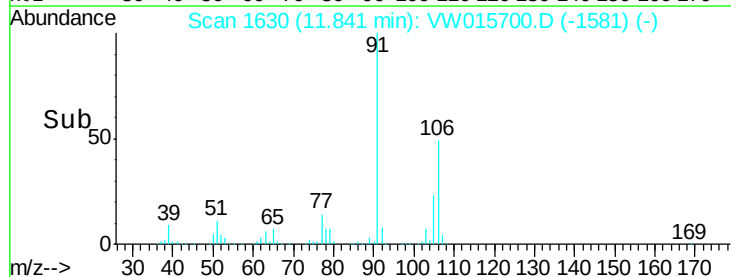
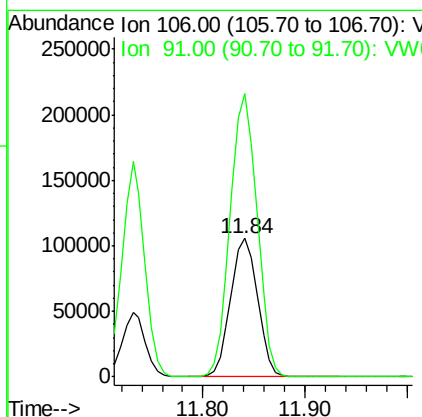
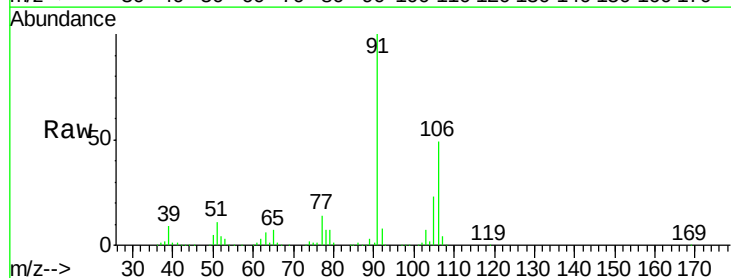
Manual Integrations
APPROVED

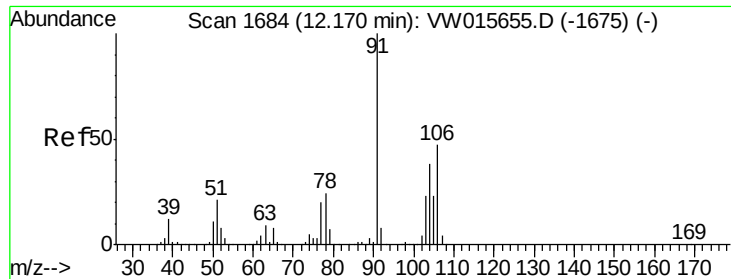
MMDadoda
6/25/2020 4:18:29 PM



#68
m/p-Xylenes
Concen: 40.532 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	193979		
91	204.0		162.6	244.0





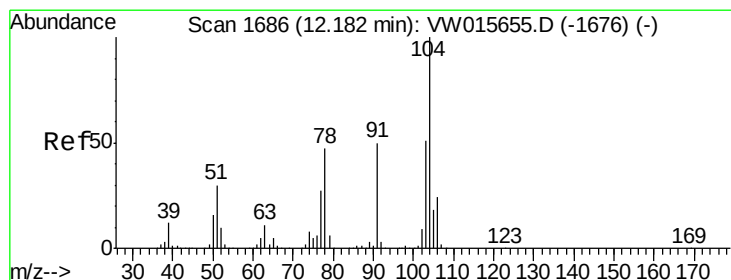
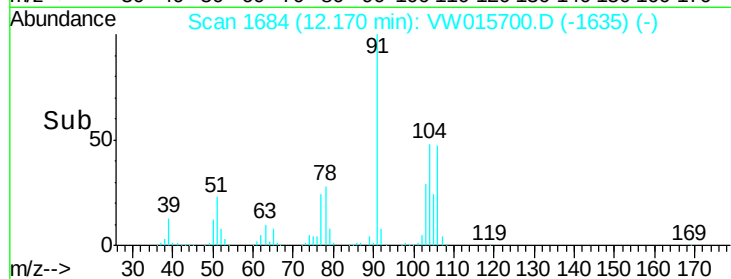
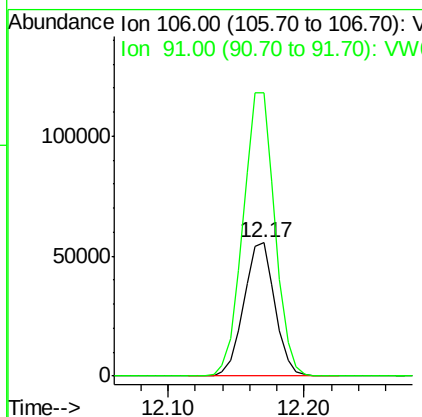
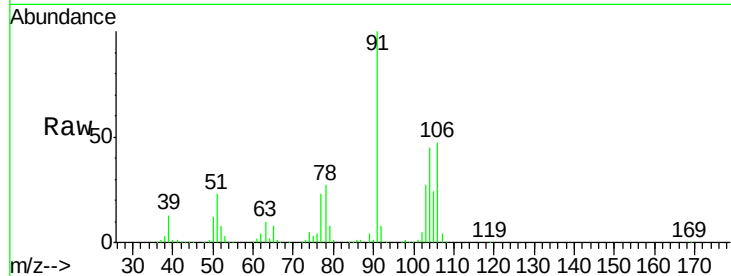
#69
o-Xylene
Concen: 20.181 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		88804		
91	217.6	108.3	324.9		

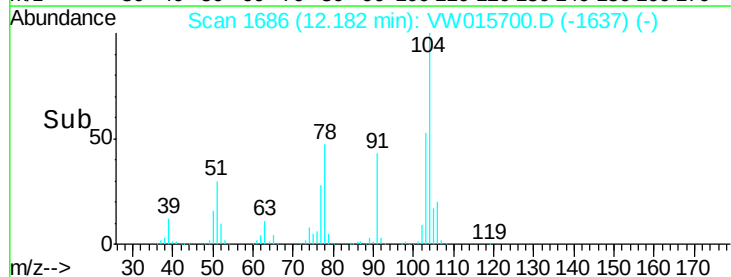
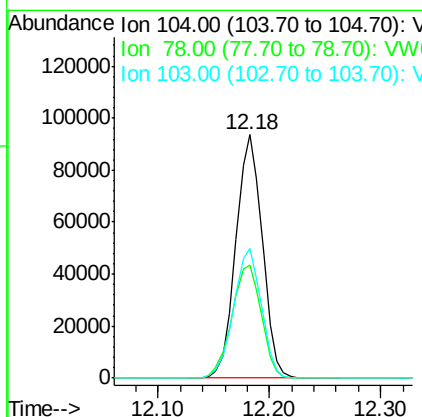
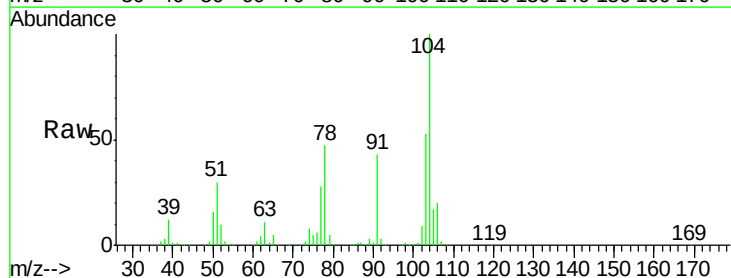
Manual Integrations
APPROVED

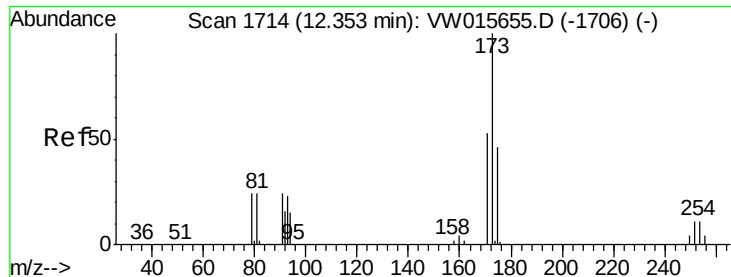
MMDadoda
6/25/2020 4:18:29 PM



#70
Styrene
Concen: 20.504 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		154151		
78	51.9	40.9	61.3		
103	55.9	43.1	64.7		





#71

Bromoform

Concen: 20.455 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion:173 Resp: 22599

Ion Ratio Lower Upper

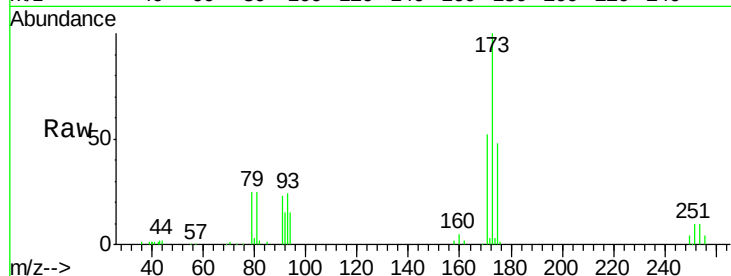
173 100

175 48.1 23.5 70.6

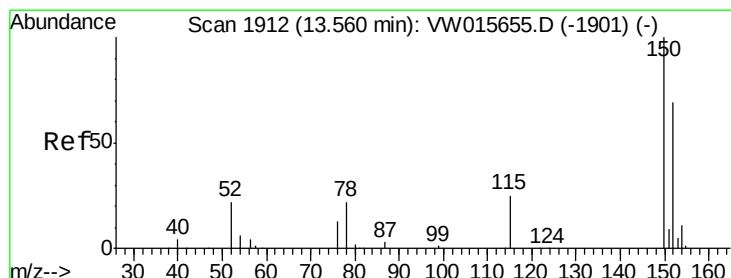
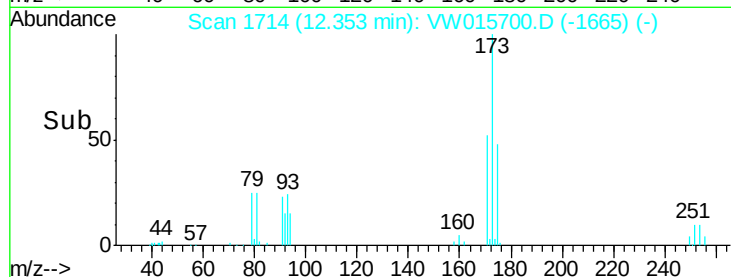
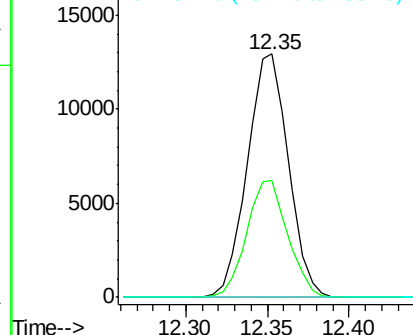
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



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: VW015700.D

Acq: 24 Jun 2020 23:49

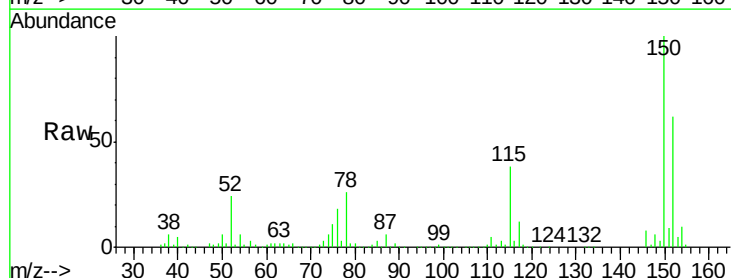
Tgt Ion:152 Resp: 165880

Ion Ratio Lower Upper

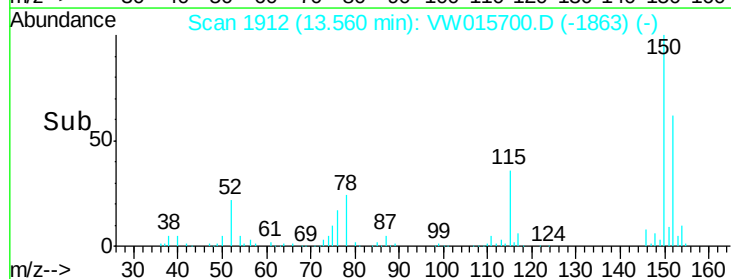
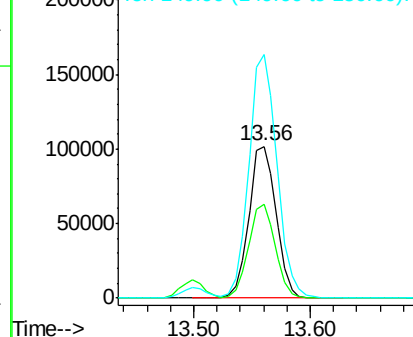
152 100

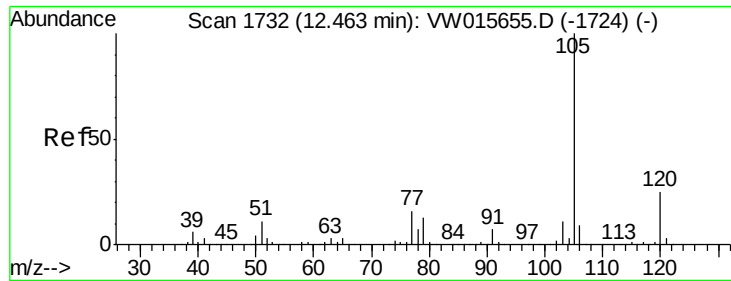
115 60.8 30.1 90.5

150 165.8 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





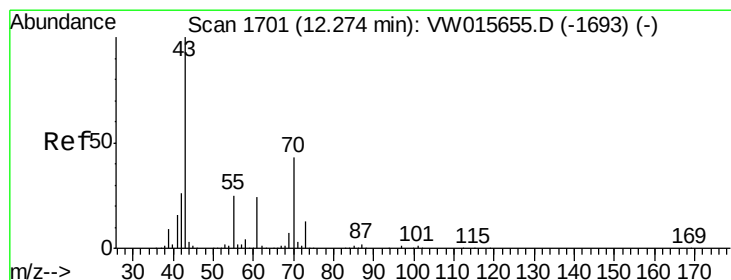
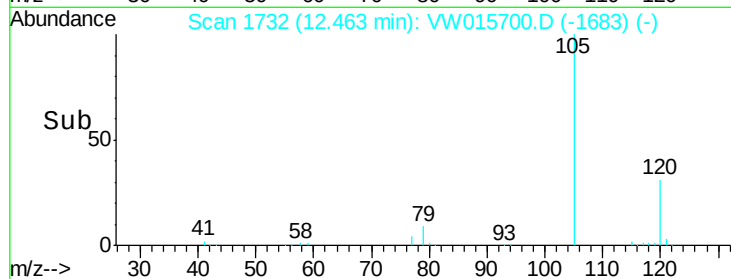
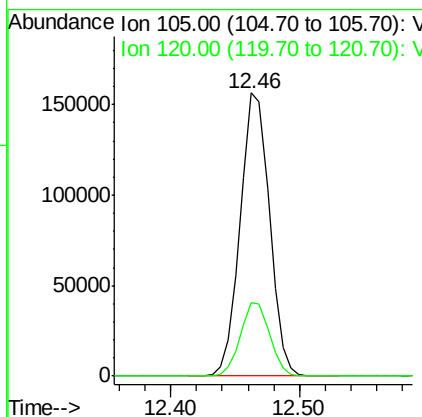
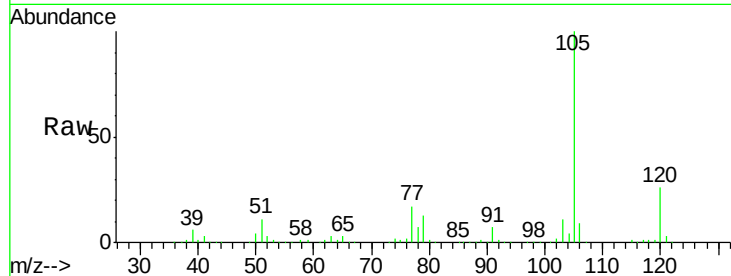
#73
Isopropylbenzene
Concen: 19.468 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 105 Resp: 246346
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

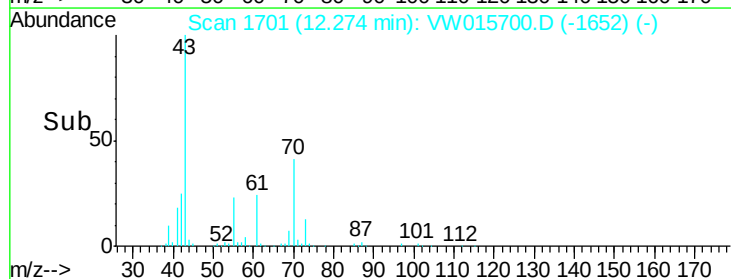
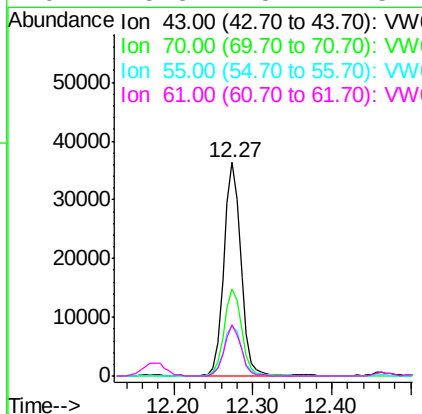
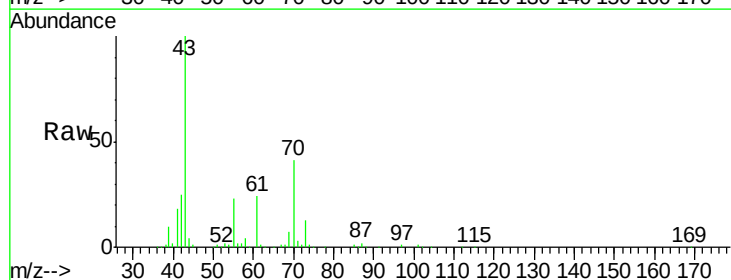
Manual Integrations
APPROVED

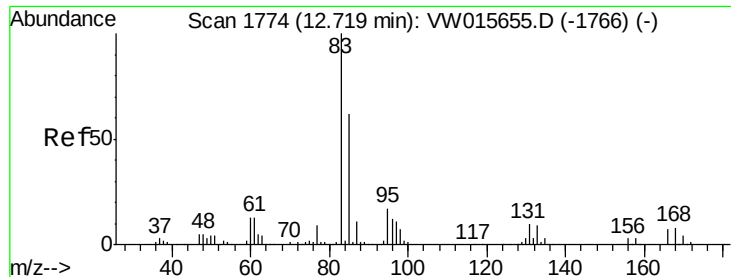
MMDadoda
6/25/2020 4:18:29 PM



#74
N-ethyl acetate
Concen: 20.325 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 43 Resp: 54521
Ion Ratio Lower Upper
43 100
70 41.9 33.6 50.4
55 25.2 19.7 29.5
61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.456 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

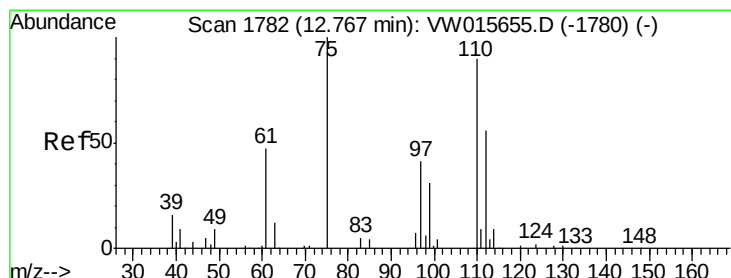
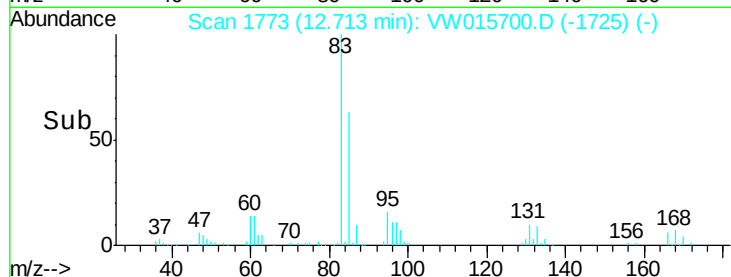
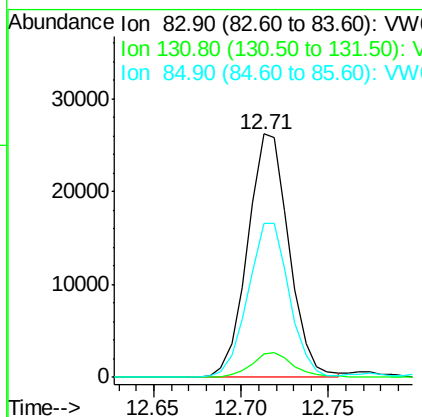
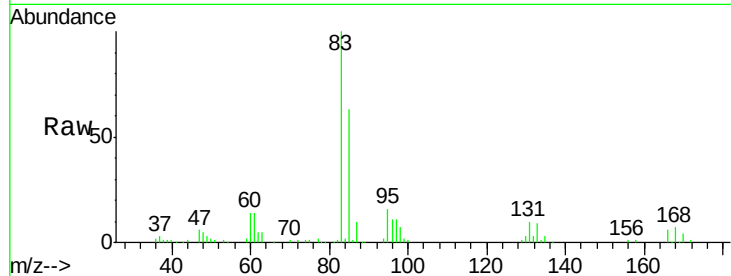
ClientSampleId :

VW0624SBS02

Tot Ion:	83	Resp:	43434
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	63.4	31.9	95.7

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#76

1,2,3-Trichloropropane

Concen: 24.254 ug/l m

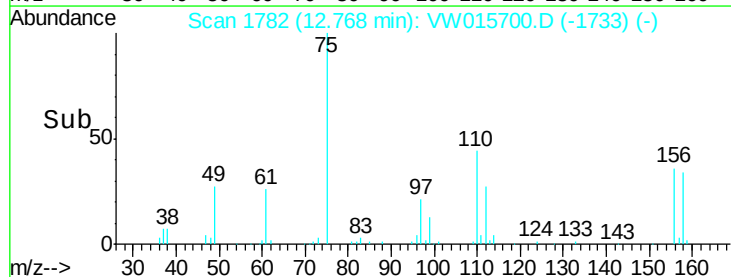
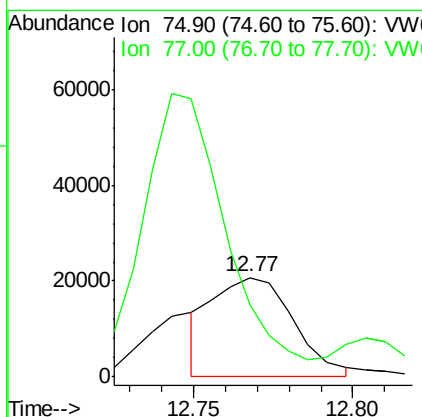
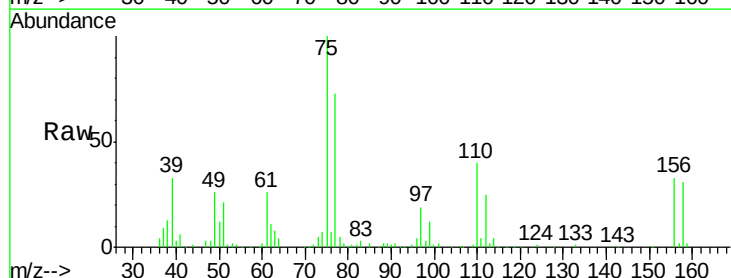
RT: 12.77 min Scan# 1782

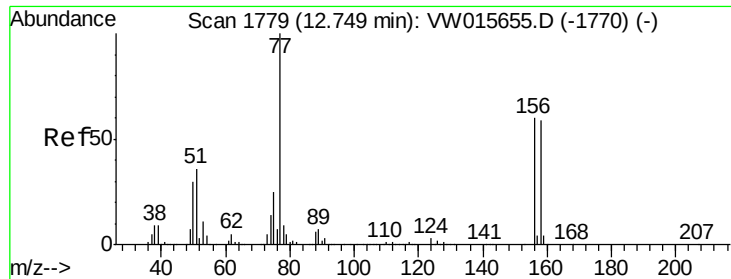
Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion:	75	Resp:	36698
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.1	537.1#





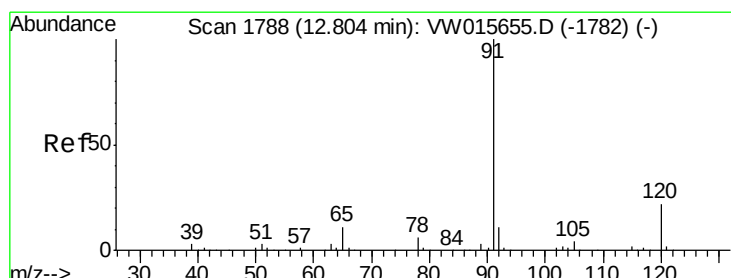
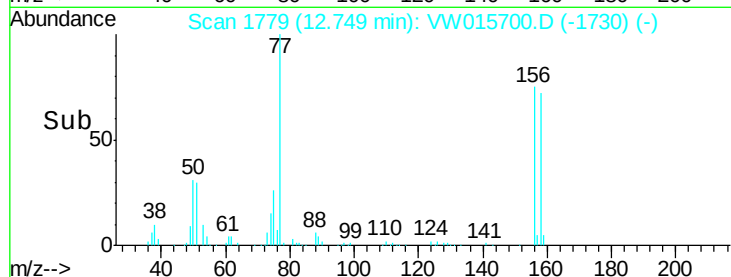
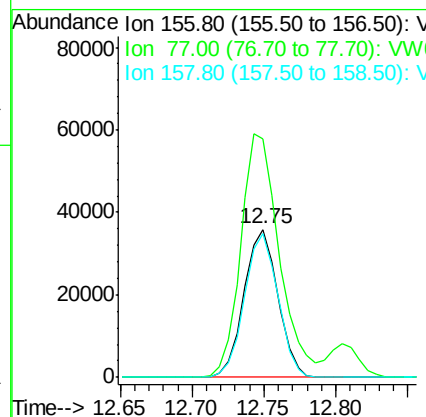
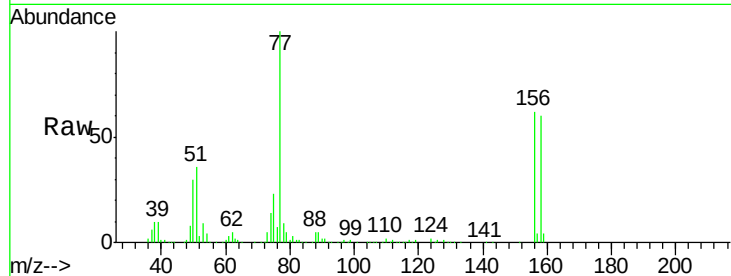
#77
Bromobenzene
Concen: 20.733 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		58501		
77	186.6	94.5	283.5		
158	95.8	47.9	143.6		

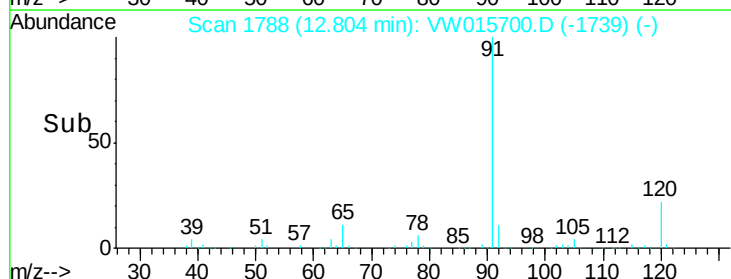
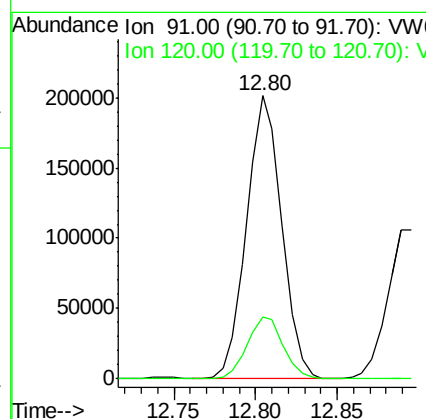
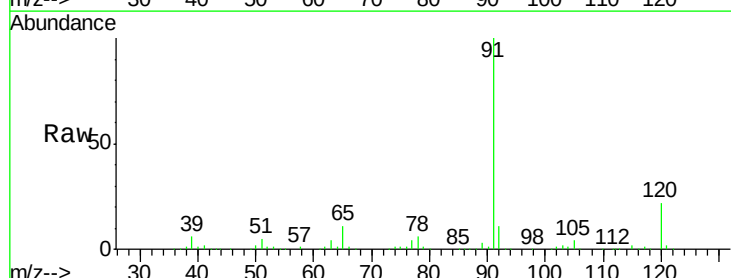
Manual Integrations
APPROVED

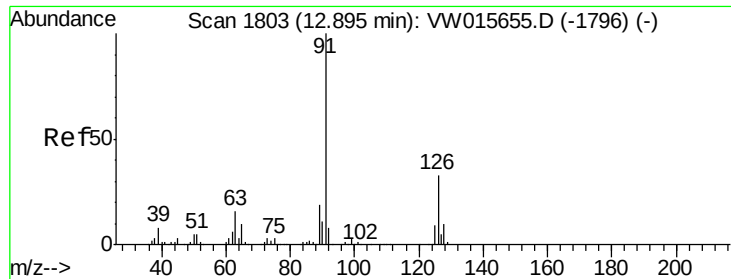
MMDadoda
6/25/2020 4:18:29 PM



#78
n-propylbenzene
Concen: 19.728 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		300479		
120	22.4	11.2	33.5		





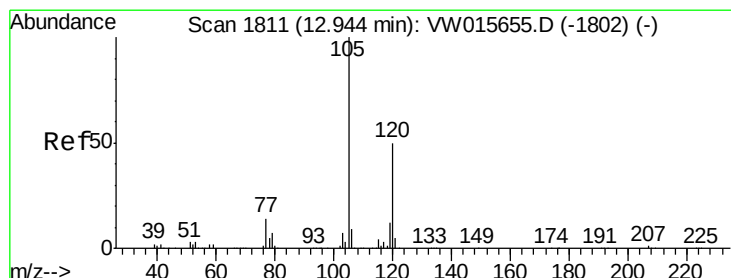
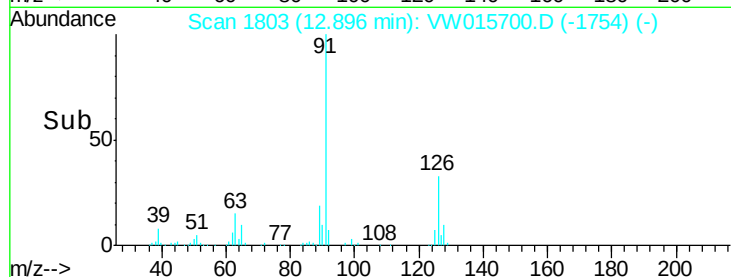
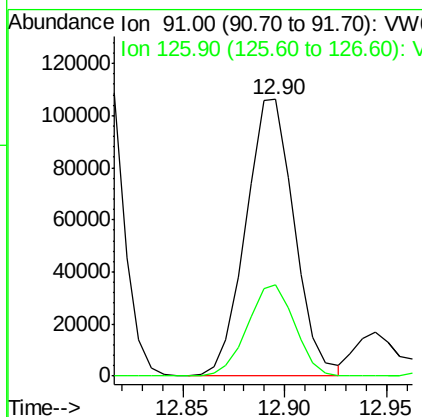
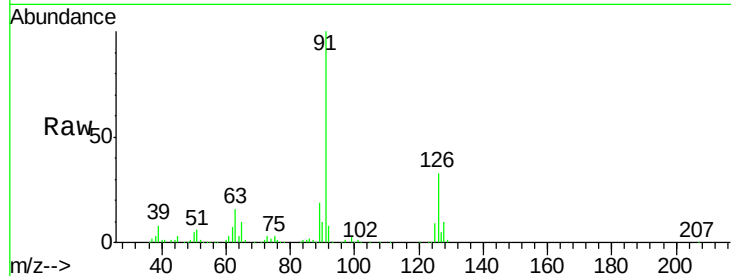
#79
 2-Chlorotoluene
 Concen: 20.443 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.6	49.8

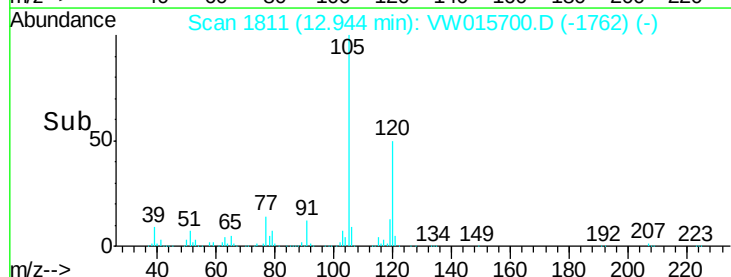
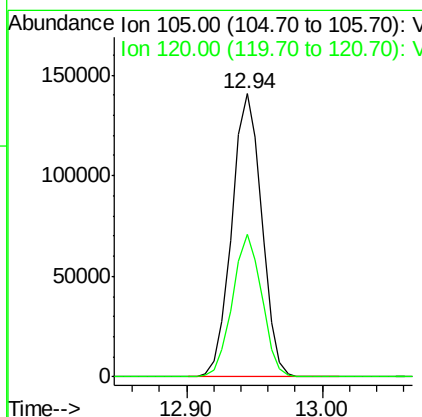
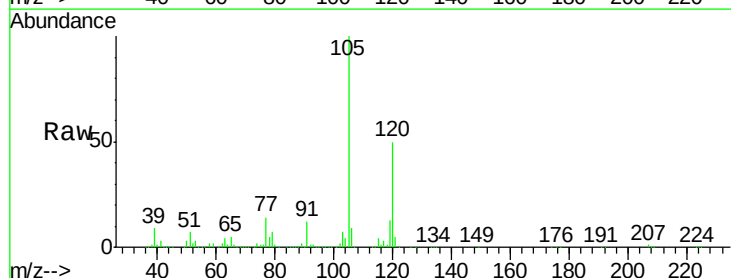
Manual Integrations
 APPROVED

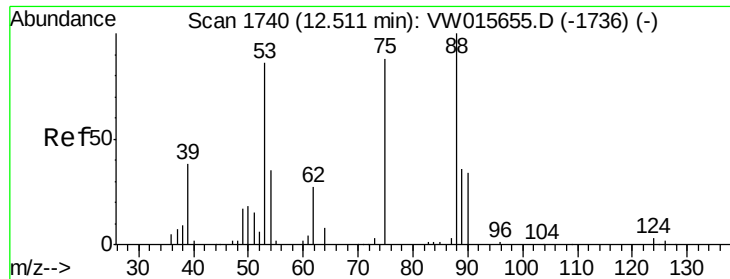
MMDadoda
 6/25/2020 4:18:29 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.062 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.4	73.2





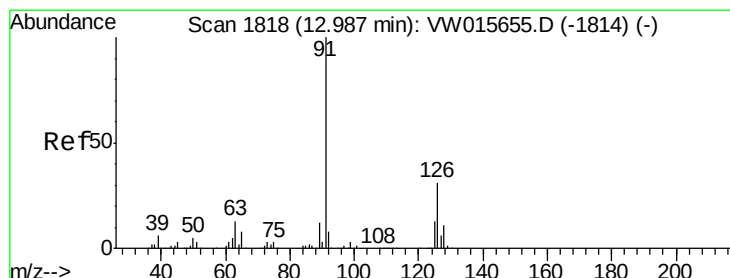
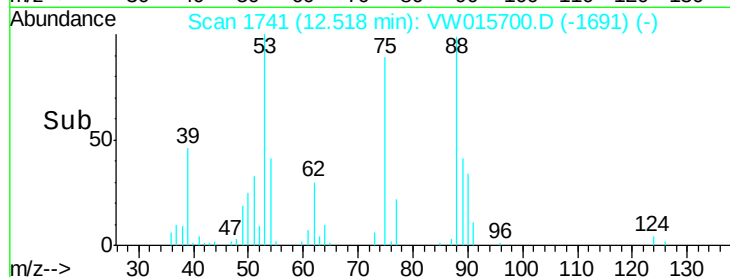
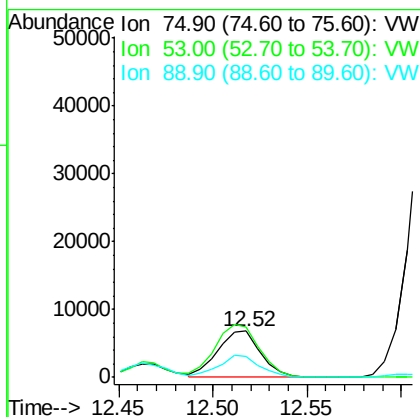
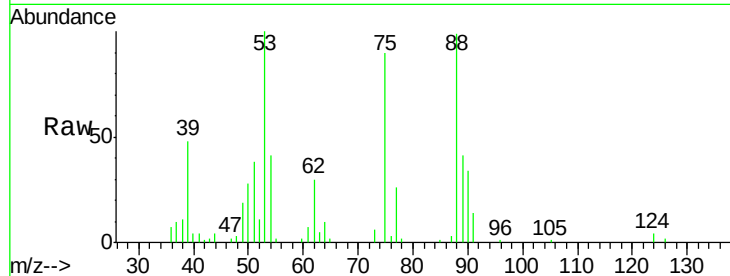
#81
trans-1,4-Dichloro-2-butene
Concen: 18.207 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.7	83.8	125.8
89	44.2	36.6	55.0

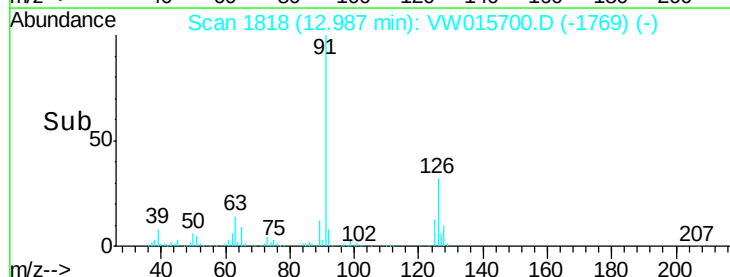
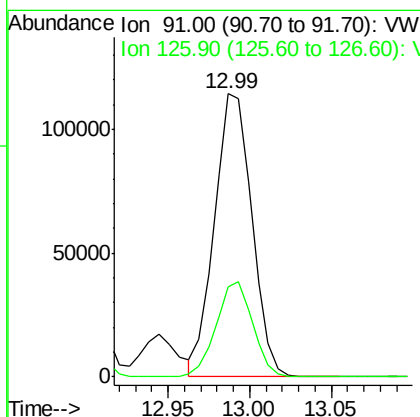
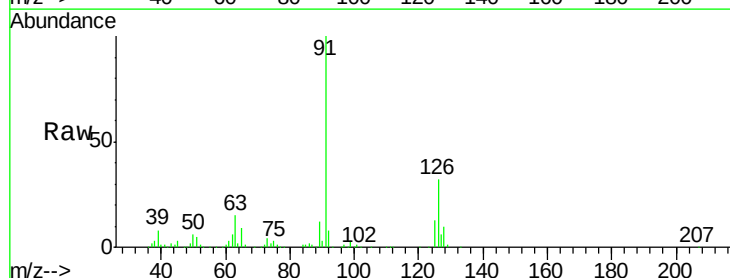
Manual Integrations
APPROVED

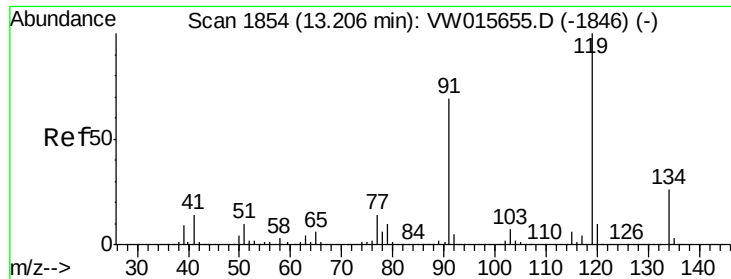
MMDadoda
6/25/2020 4:18:29 PM



#82
4-Chlorotoluene
Concen: 20.131 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.9





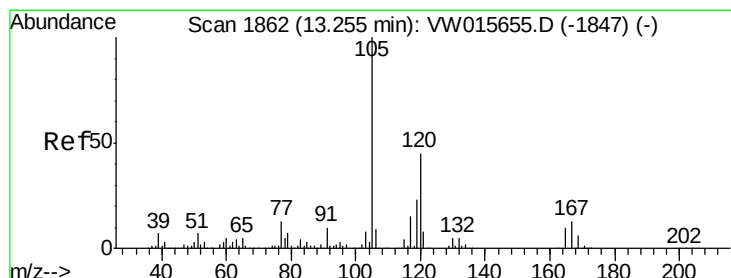
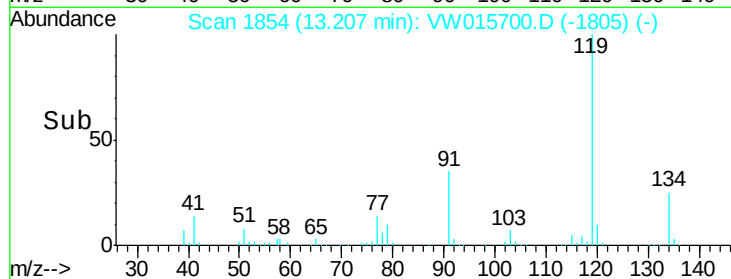
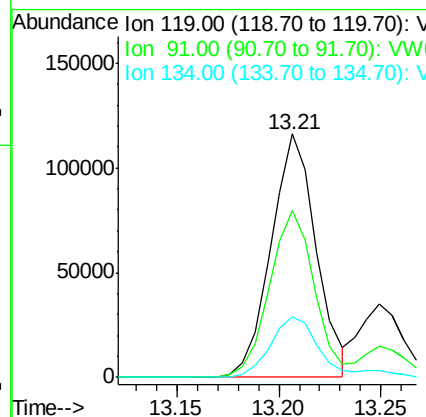
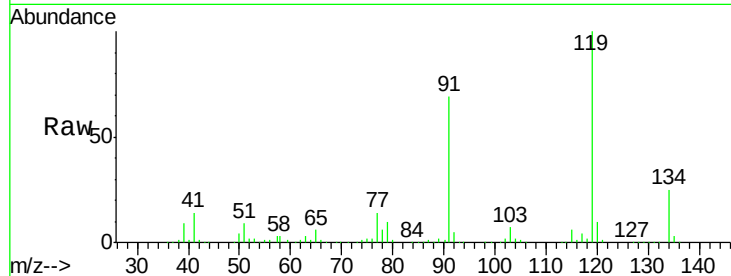
#83
 tert-Butylbenzene
 Concen: 19.730 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.7	104.1
134	25.8	13.8	41.4

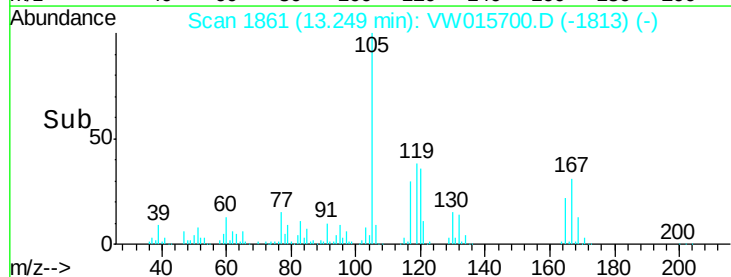
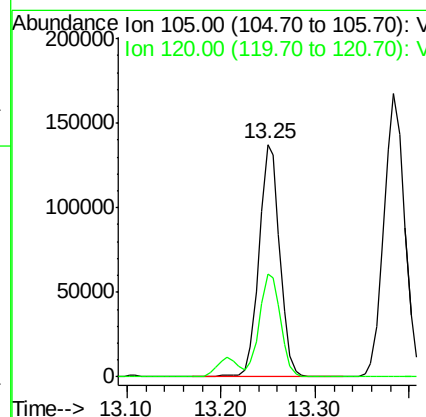
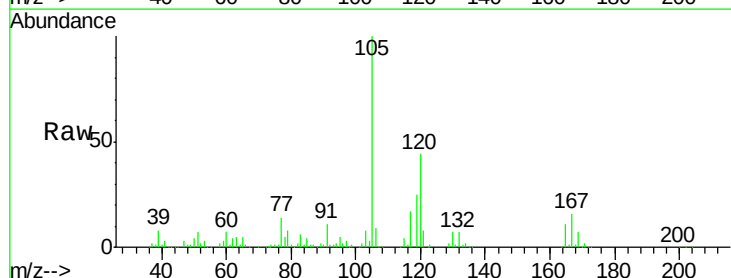
Manual Integrations
 APPROVED

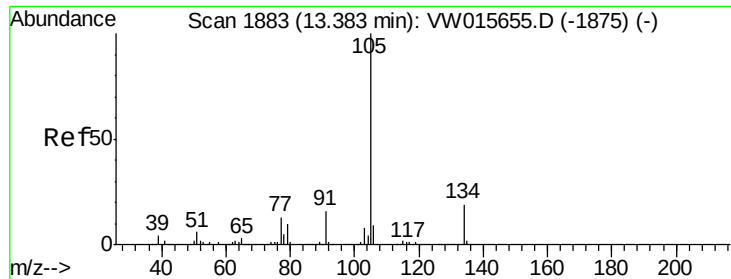
MMDadoda
 6/25/2020 4:18:29 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.023 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.8	68.3





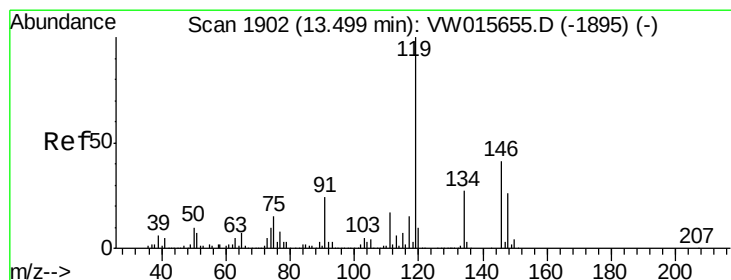
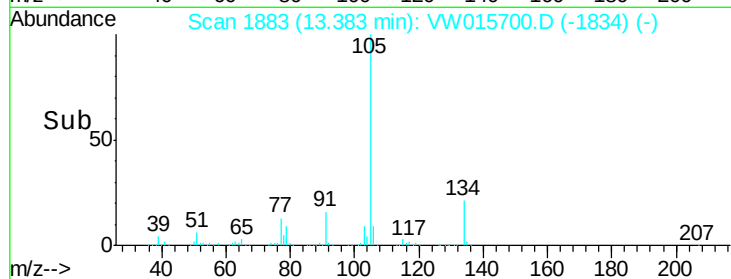
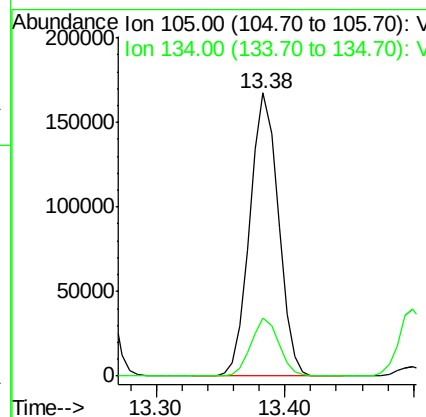
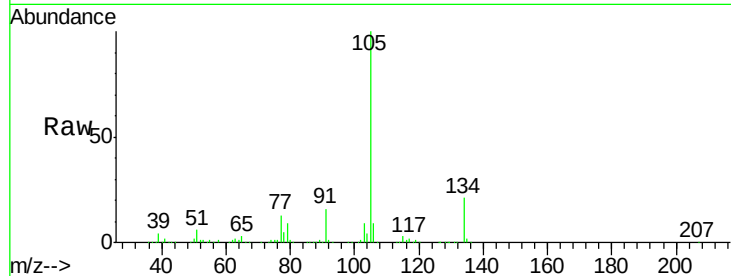
#85
 sec-Butylbenzene
 Concen: 19.741 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	29.8

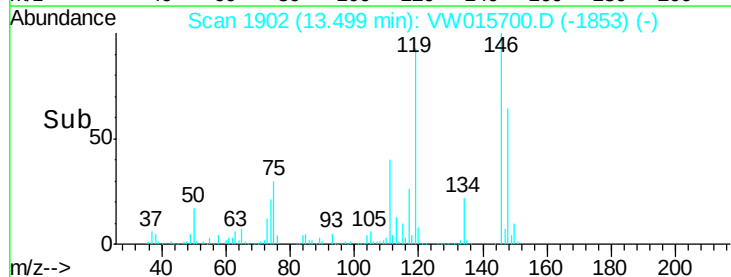
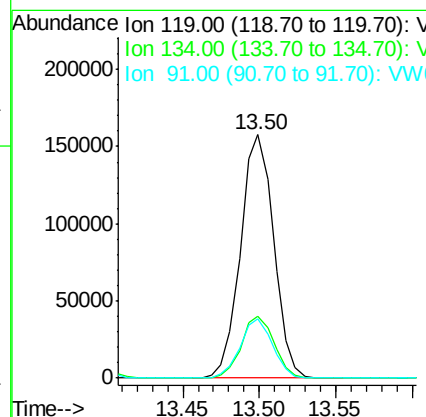
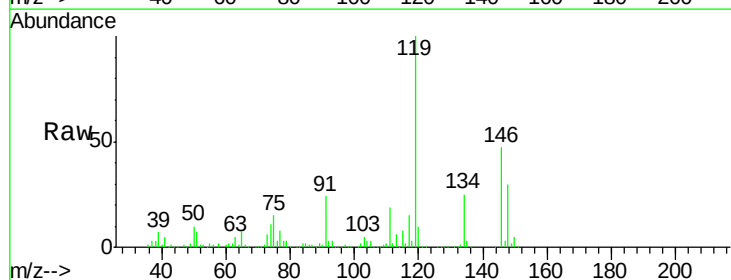
Manual Integrations
 APPROVED

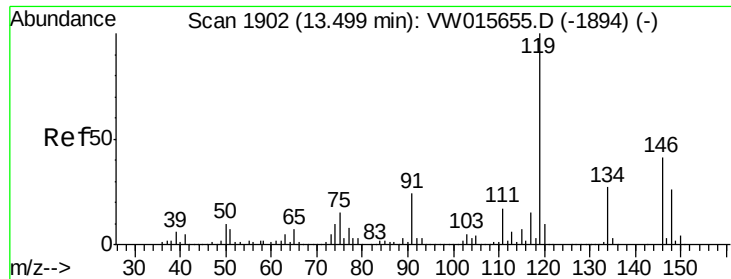
MMDadoda
 6/25/2020 4:18:29 PM



#86
 p-Isopropyltoluene
 Concen: 20.118 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.5	40.4
91	23.6	12.3	36.8





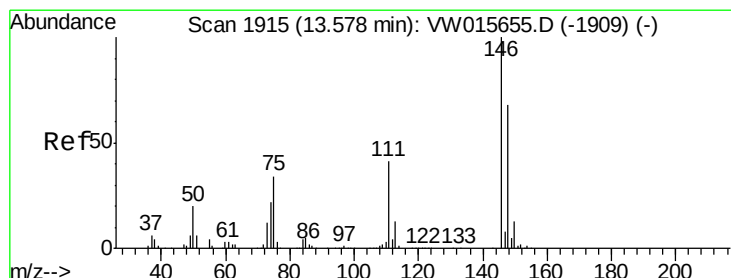
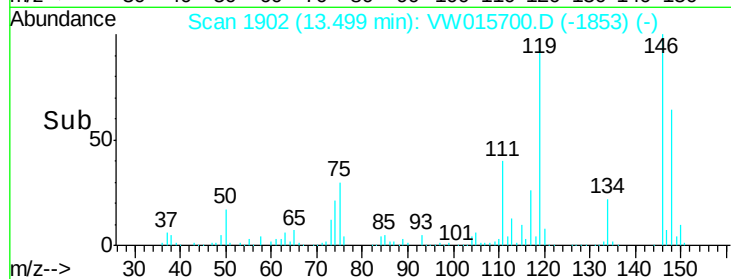
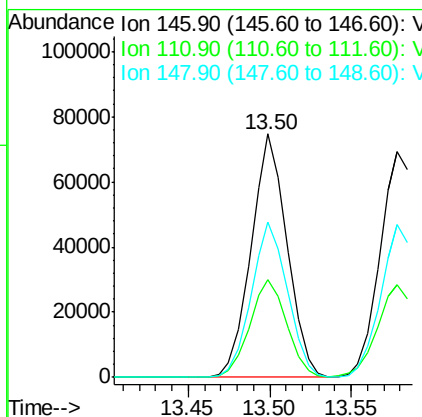
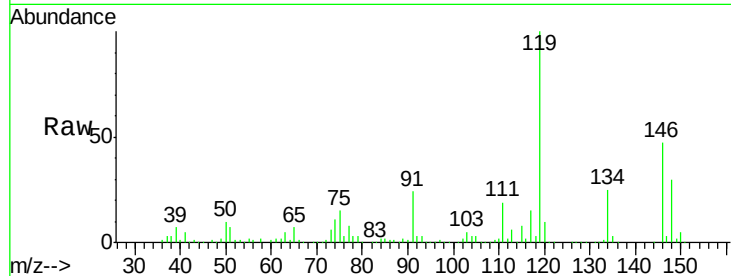
#87
 1,3-Dichlorobenzene
 Concen: 20.429 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114426		
111	41.2	20.3	60.8	
148	64.1	31.6	94.7	

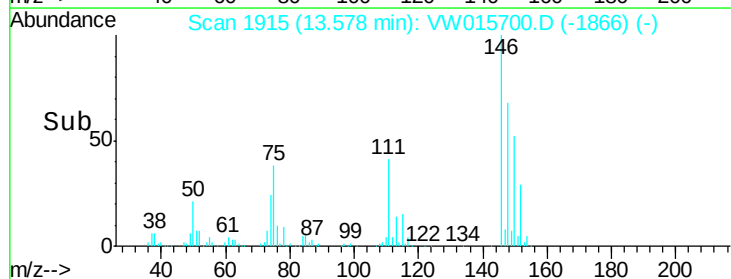
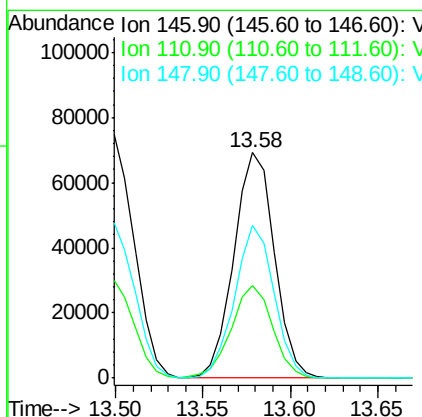
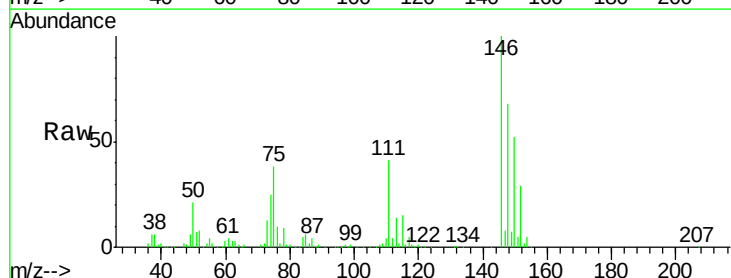
Manual Integrations
 APPROVED

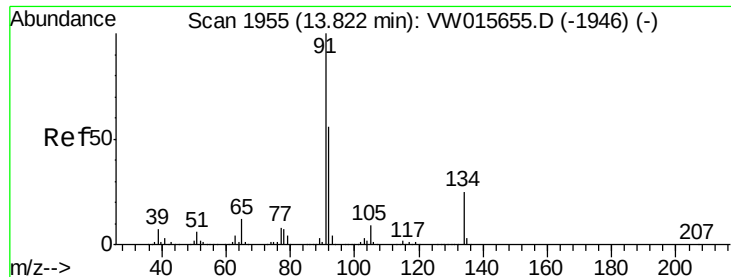
MMDadoda
 6/25/2020 4:18:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.074 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111363		
111	42.1	20.3	60.9	
148	65.9	33.7	101.1	





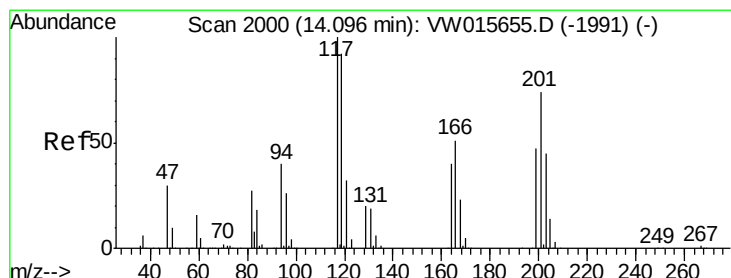
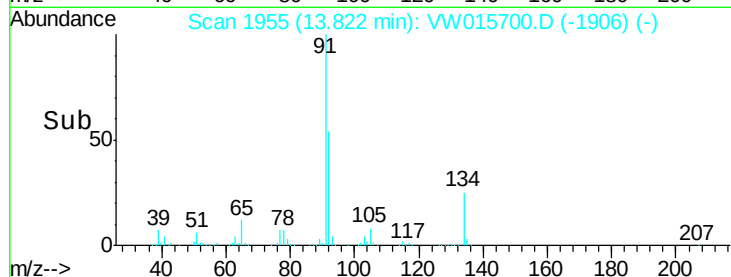
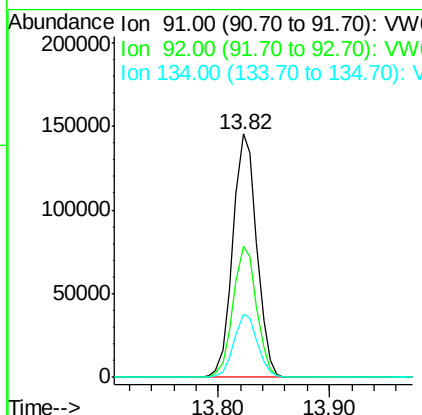
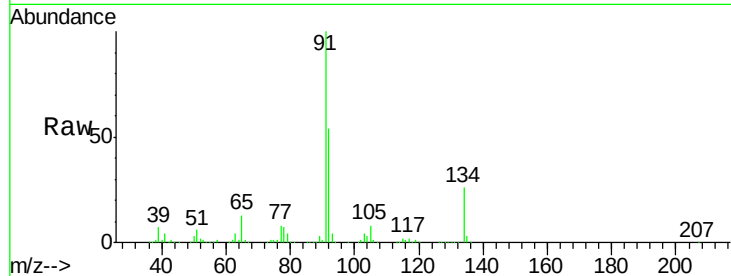
#89
n-Butylbenzene
Concen: 19.133 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.5	82.4
134	25.6	13.0	38.9

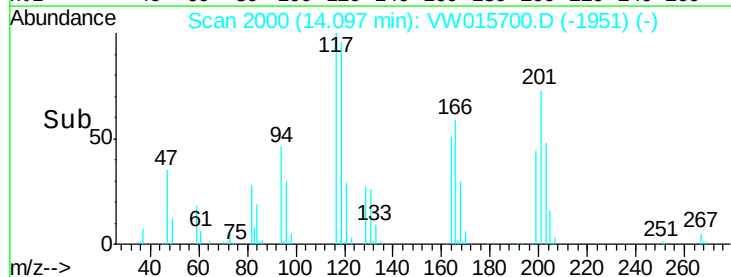
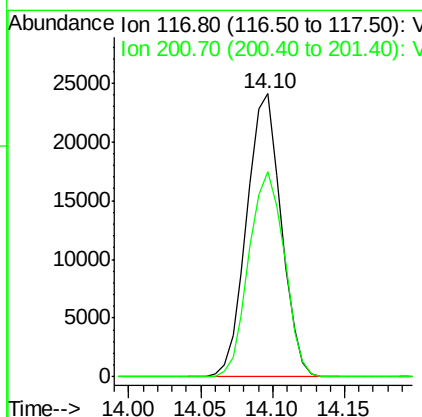
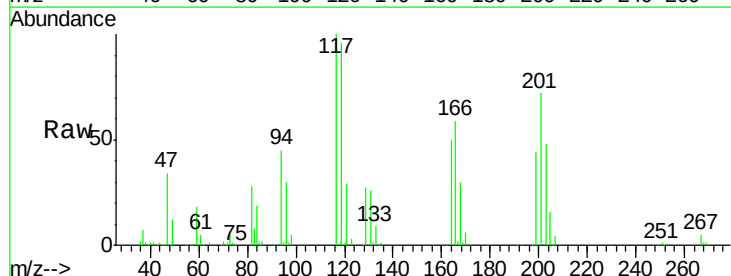
Manual Integrations
APPROVED

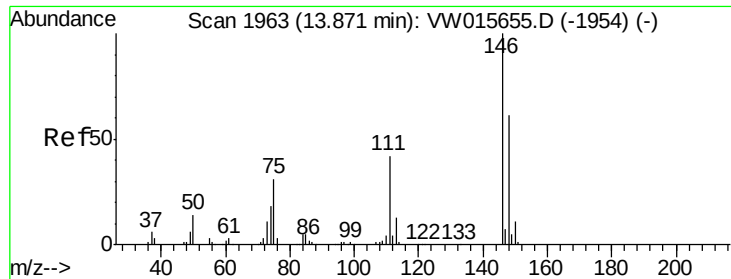
MMDadoda
6/25/2020 4:18:29 PM



#90
Hexachloroethane
Concen: 19.051 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.4	37.1	111.5





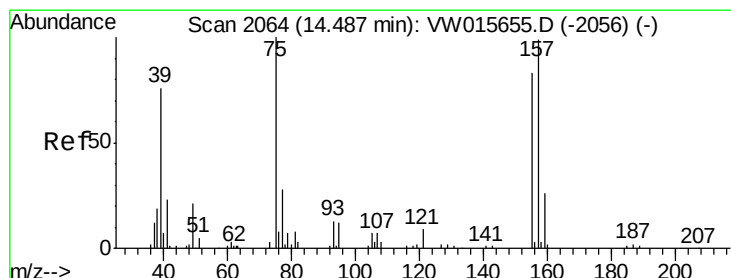
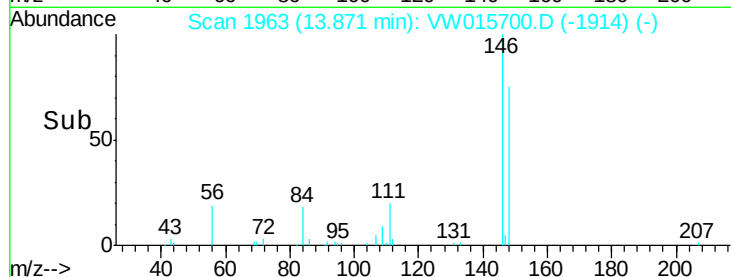
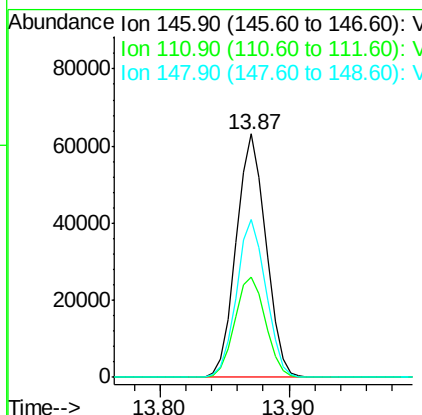
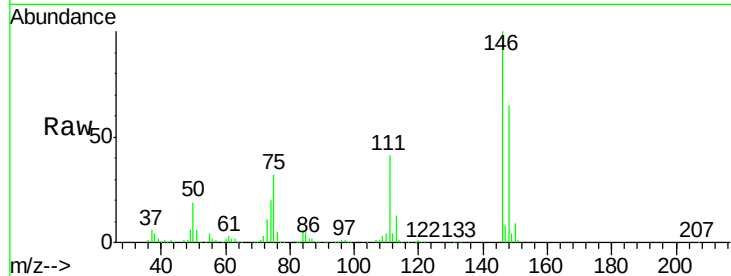
#91
 1,2-Dichlorobenzene
 Concen: 20.852 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	64.2	32.2	96.6

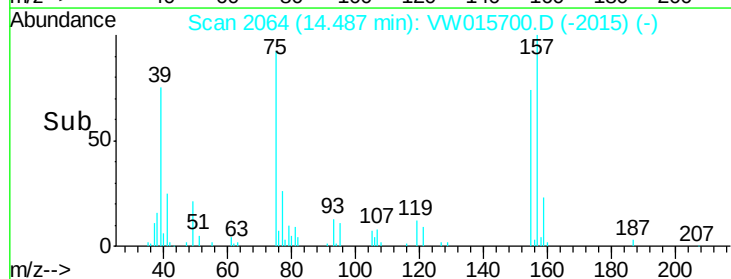
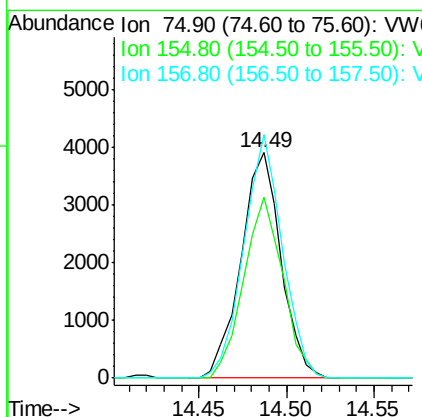
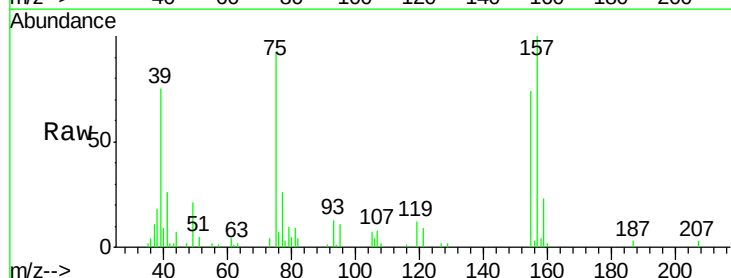
Manual Integrations
 APPROVED

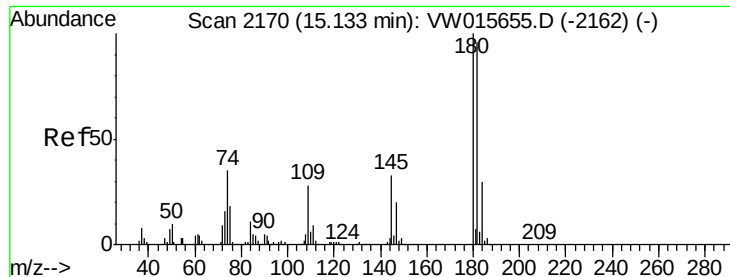
MMDadoda
 6/25/2020 4:18:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.176 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	40.8	122.2
157	103.9	50.7	152.1





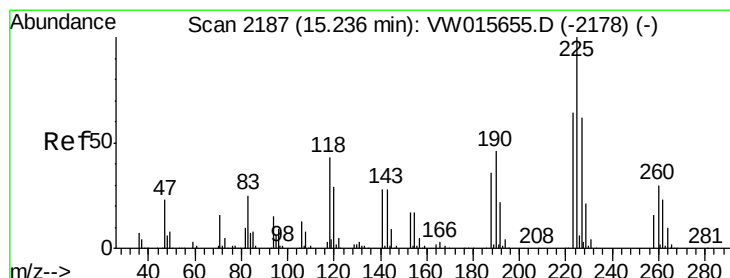
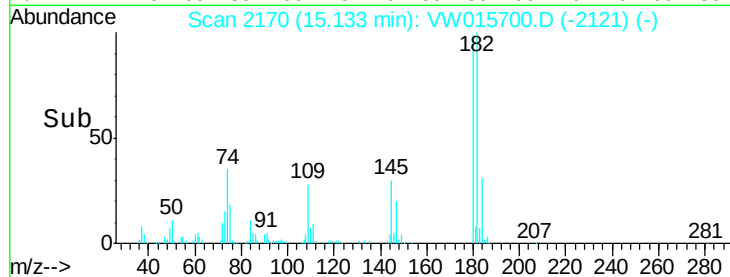
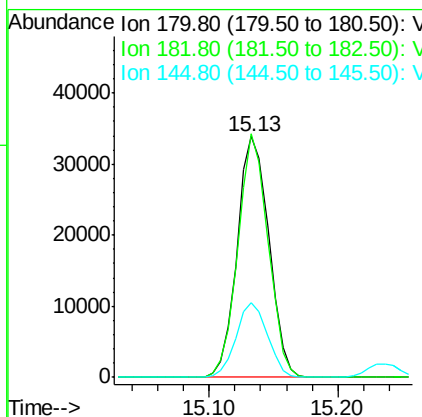
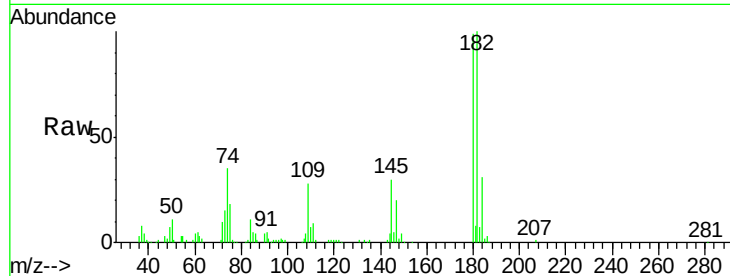
#93
 1,2,4-Trichlorobenzene
 Concen: 18.050 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	57727		
182	96.0	47.9	143.6	
145	30.6	15.6	46.7	

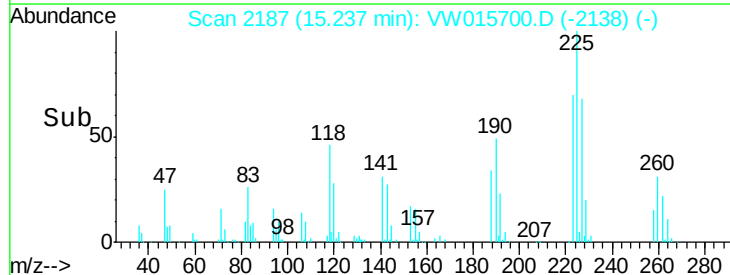
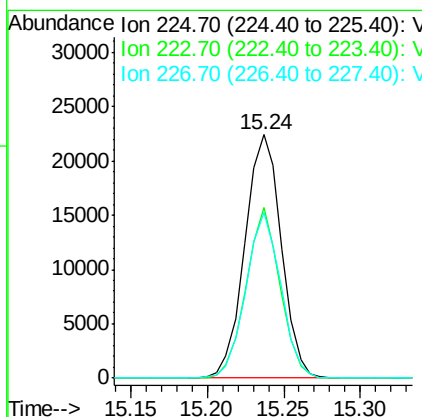
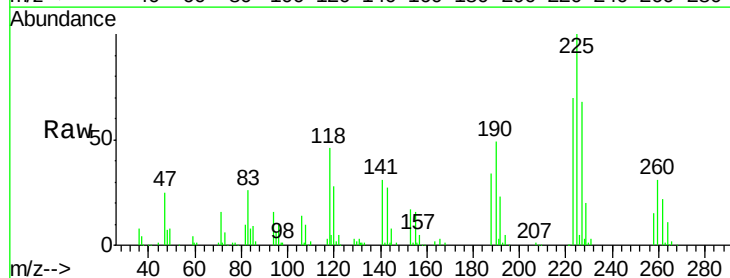
Manual Integrations
 APPROVED

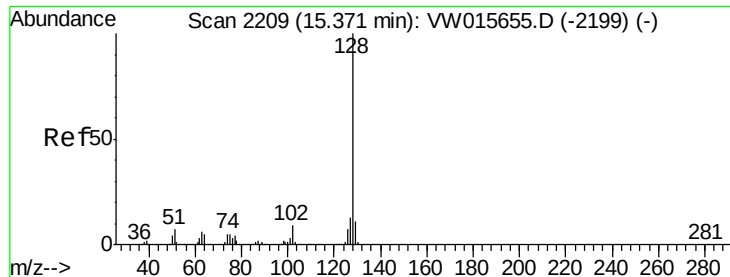
MMDadoda
 6/25/2020 4:18:29 PM



#94
 Hexachlorobutadiene
 Concen: 18.181 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37042		
223	65.5	31.0	93.0	
227	65.4	31.9	95.9	





#95

Naphthalene

Concen: 18.930 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Instrument :

MSVOA_W

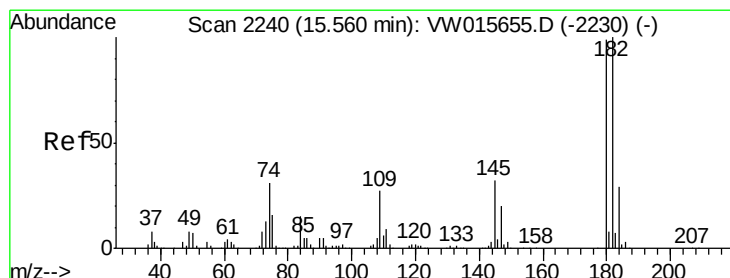
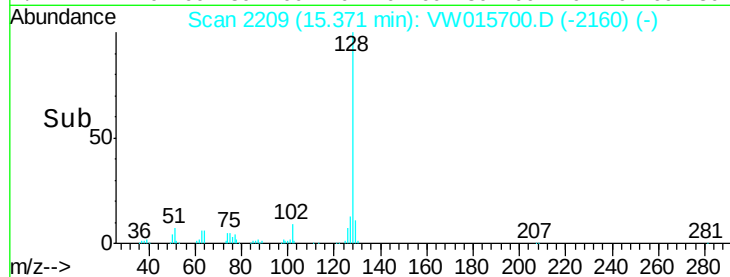
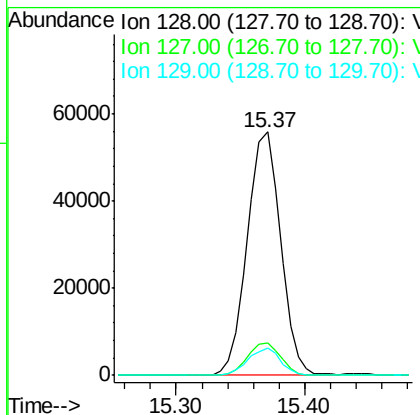
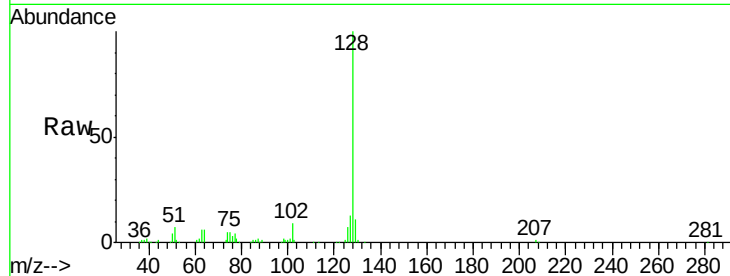
ClientSampleId :

VW0624SBS02

Tot Ion:	128	Resp:	100131
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.660 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW015700.D

Acq: 24 Jun 2020 23:49

Tgt Ion:	180	Resp:	51381
Ion Ratio	Lower	Upper	
180	100		
182	91.7	49.0	147.0
145	31.7	16.4	49.2

