

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

Quant Time: Jun 25 02:07:49 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

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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	54177	35.806	ug/l #	1
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

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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
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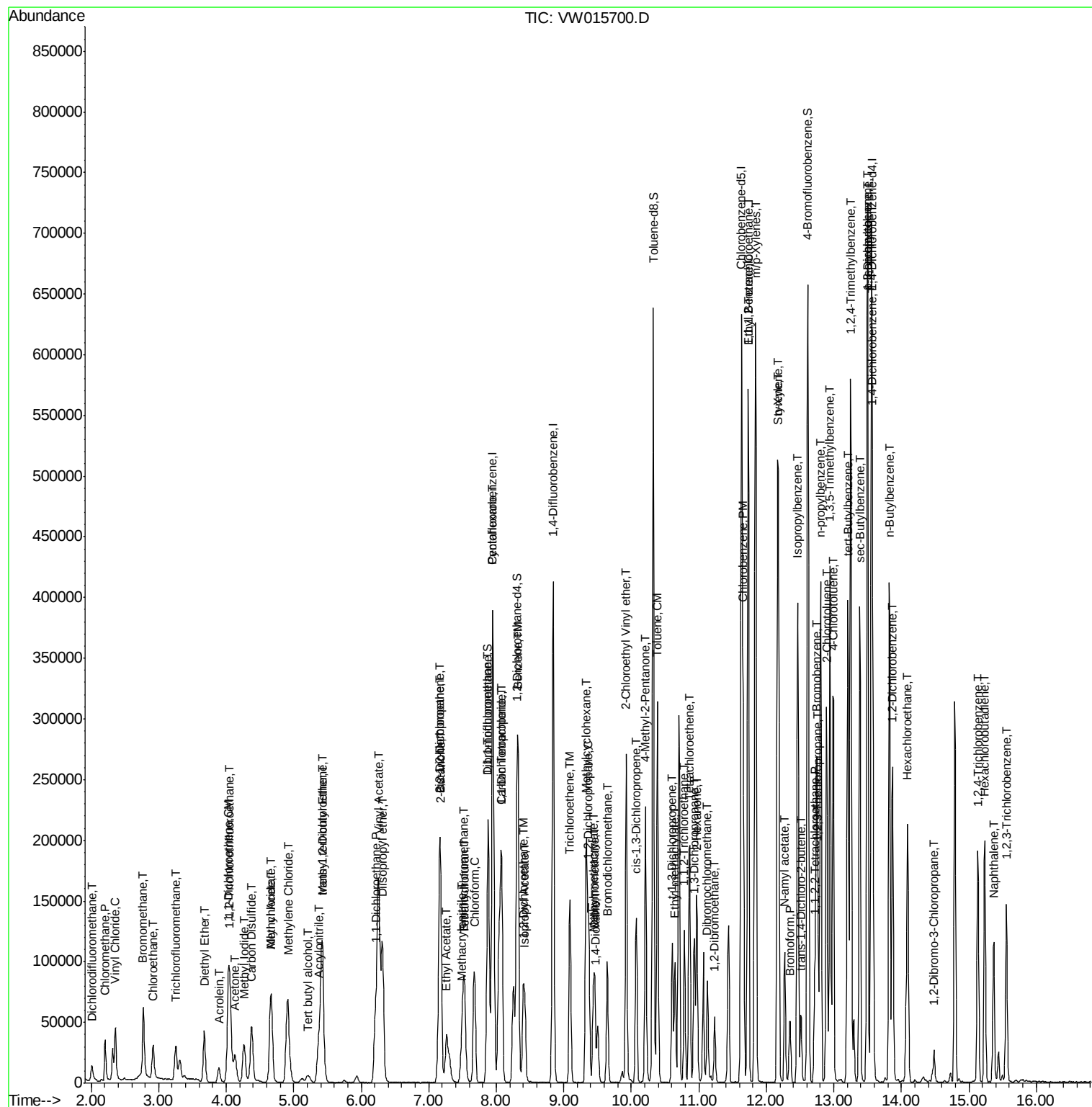
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	57727	18.050	ug/l	100
94) Hexachlorobutadiene	15.24	225	37042	18.181	ug/l	97
95) Naphthalene	15.37	128	100131	18.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51381	18.660	ug/l	95

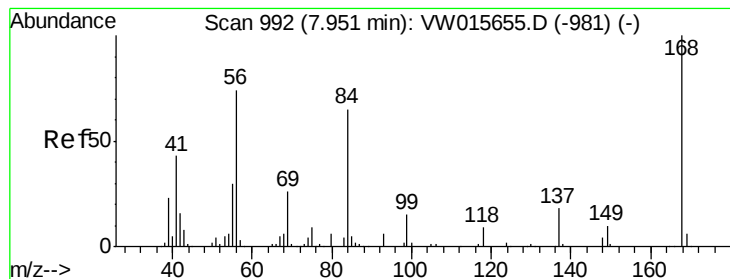
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

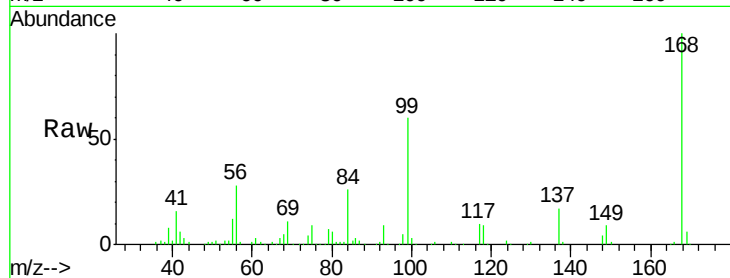
VW0624SBS02

Tgt Ion: 168 Resp: 201063

Ion Ratio Lower Upper

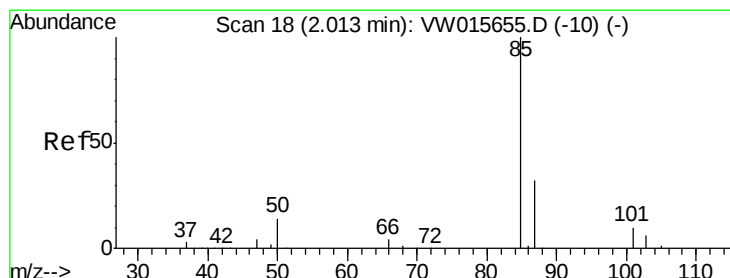
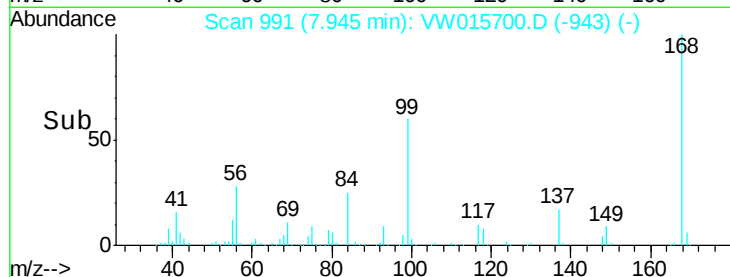
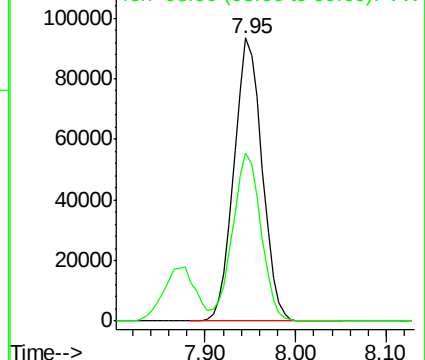
168 100

99 59.6 48.6 73.0



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

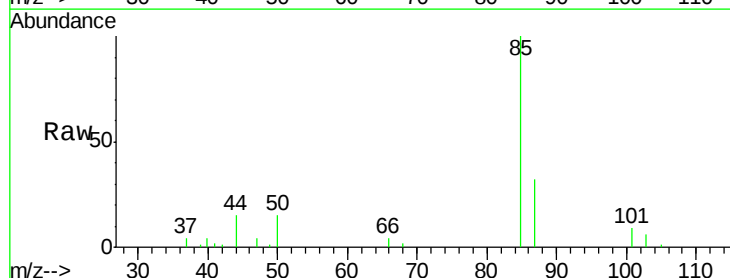
Acq: 24 Jun 2020 23:49

Tgt Ion: 85 Resp: 18823

Ion Ratio Lower Upper

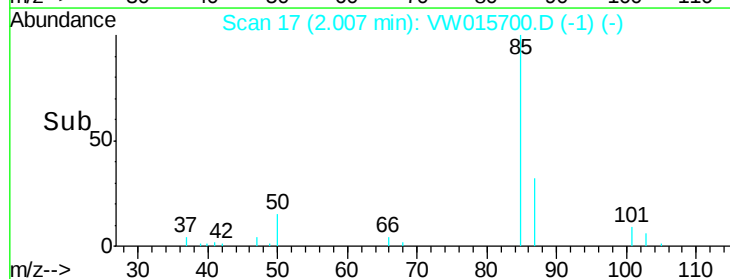
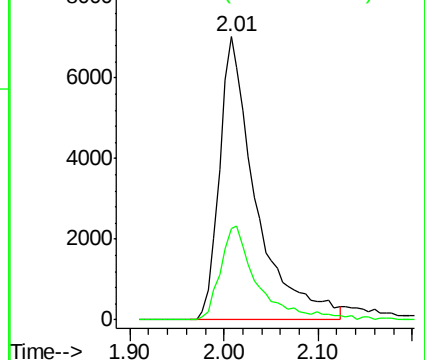
85 100

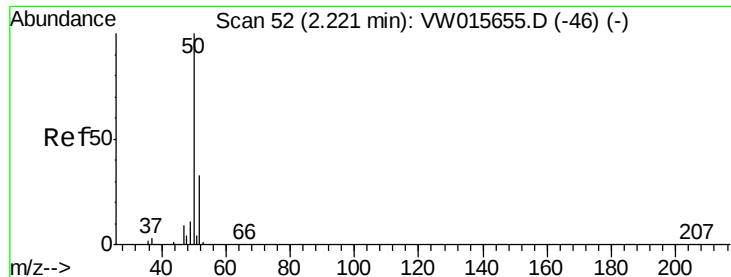
87 32.4 15.9 47.6



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 :

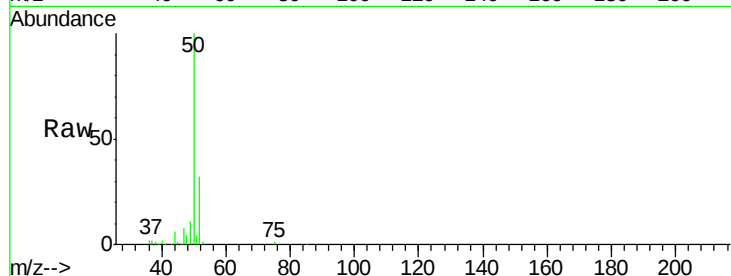
VW0624SBS02

Tgt Ion: 50 Resp: 28967

Ion Ratio Lower Upper

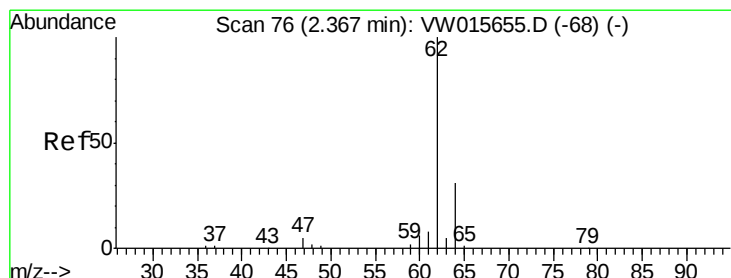
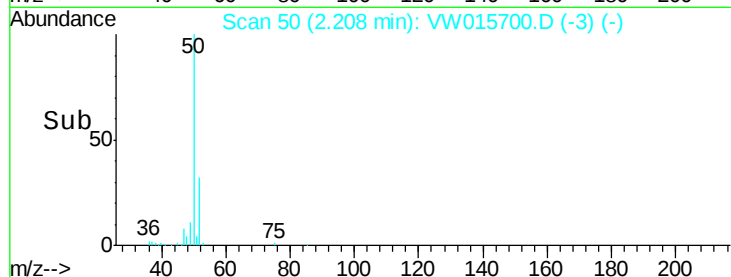
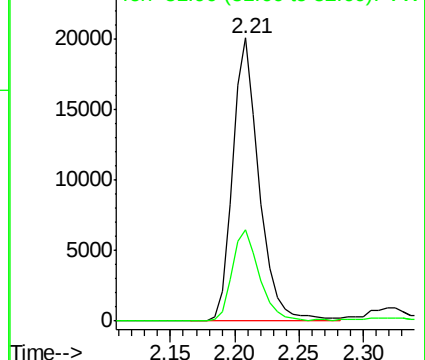
50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 18.833 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015700.D

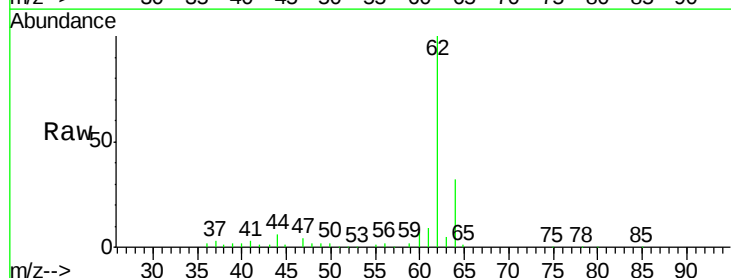
Acq: 24 Jun 2020 23:49

Tgt Ion: 62 Resp: 42861

Ion Ratio Lower Upper

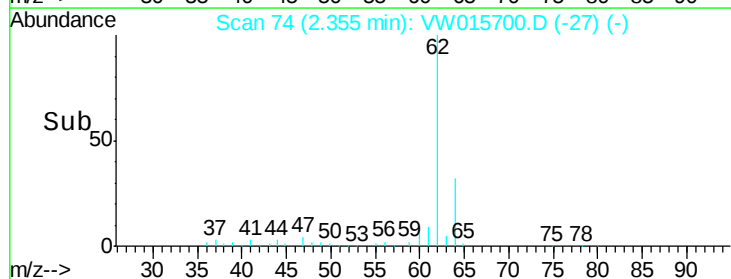
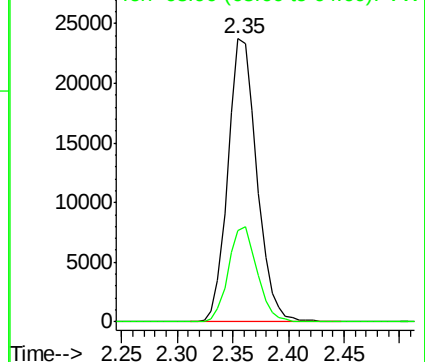
62 100

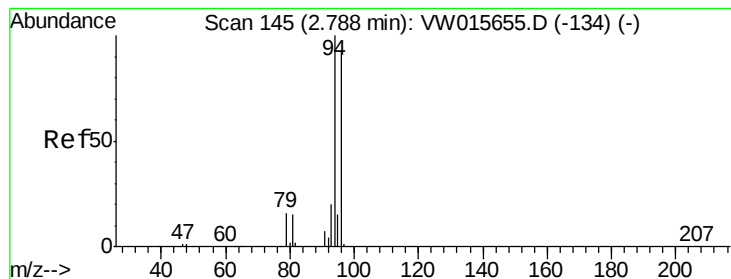
64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#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 :

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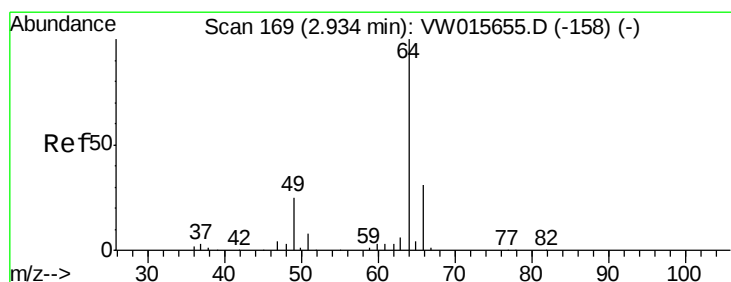
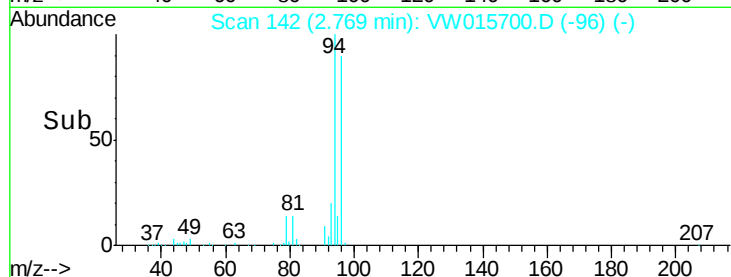
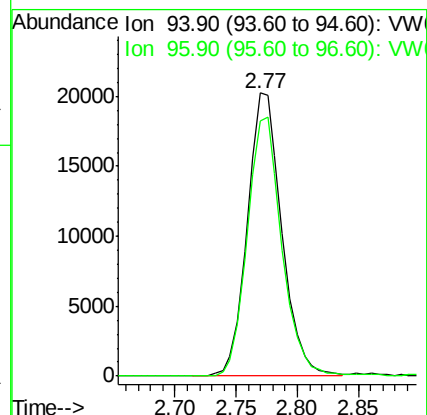
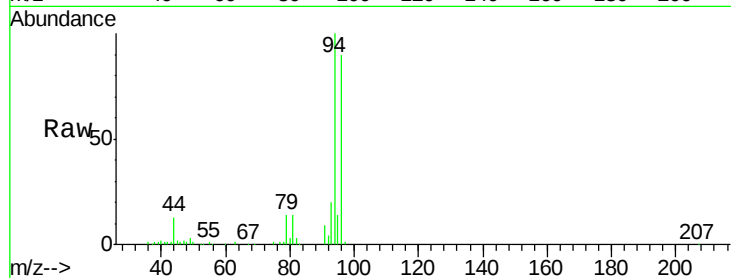
VW0624SBS02

Tgt Ion: 94 Resp: 39747

Ion Ratio Lower Upper

94 100

96 90.1 73.8 110.6



#6

Chloroethane

Concen: 20.481 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.02 min

Lab File: VW015700.D

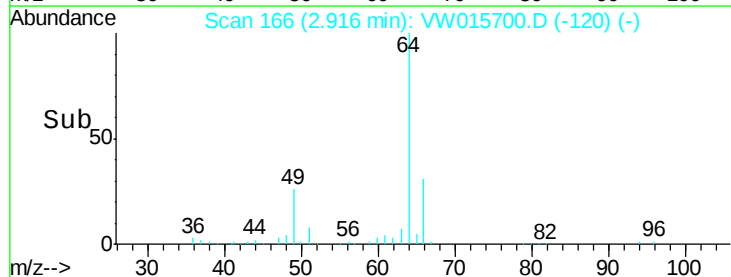
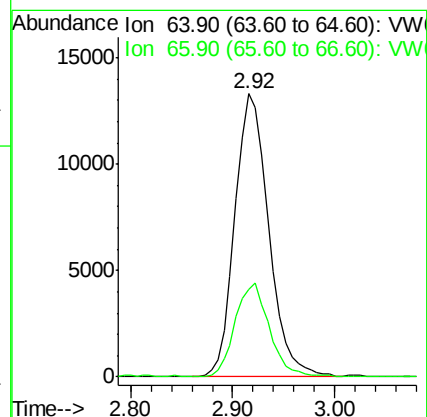
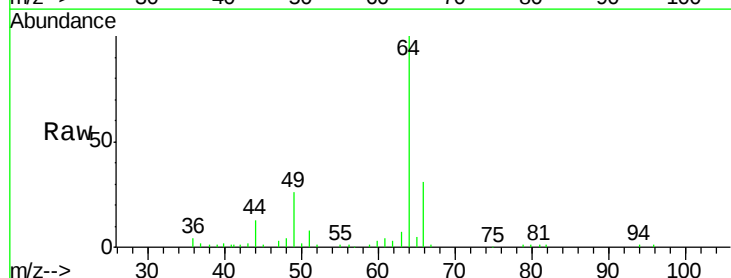
Acq: 24 Jun 2020 23:49

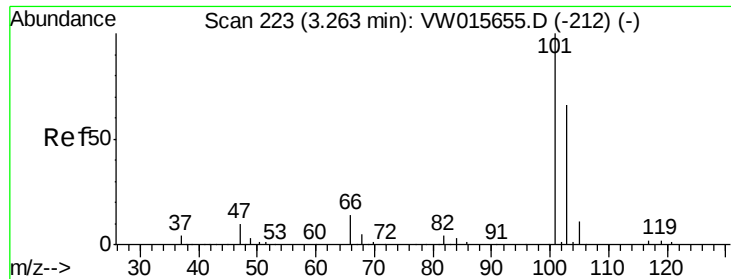
Tgt Ion: 64 Resp: 30674

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9



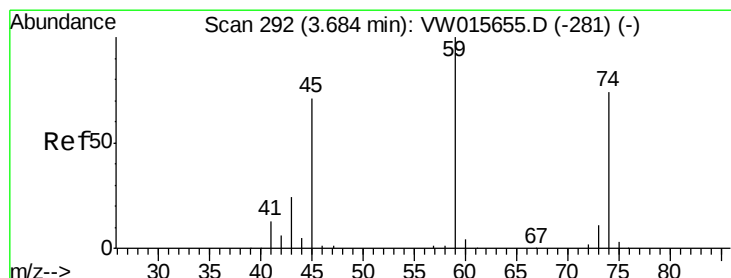
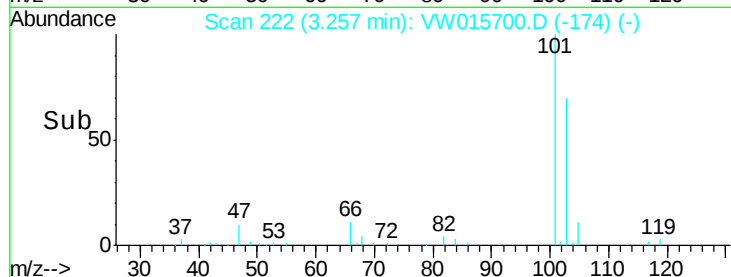
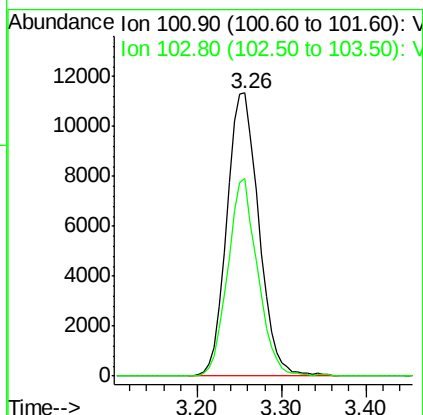
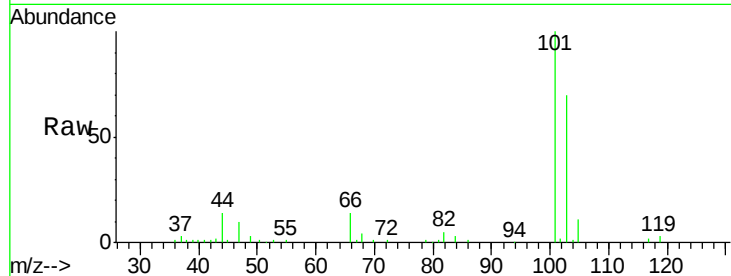


#7

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 :
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ClientSampleId :
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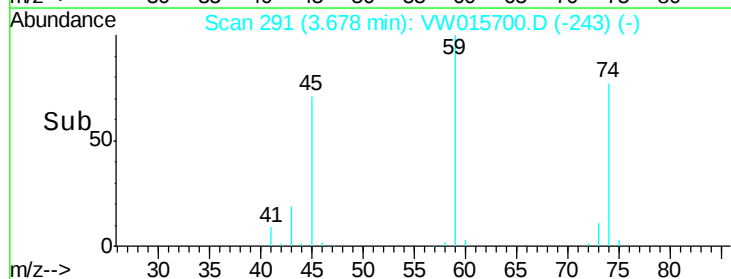
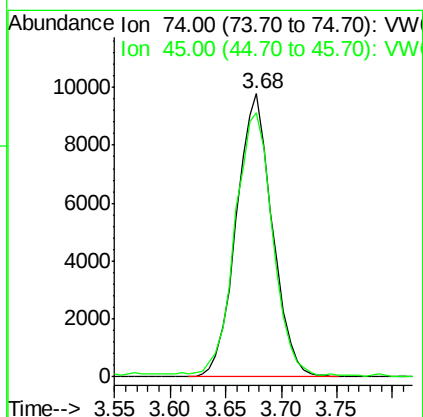
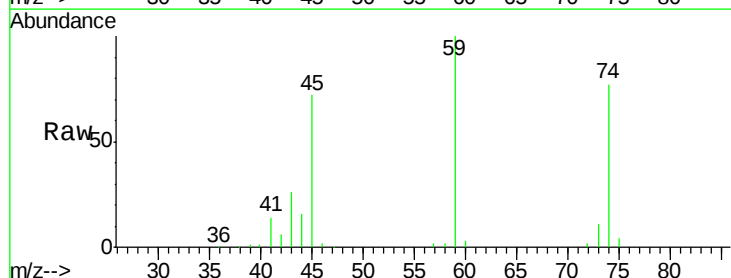
Tgt Ion: 101 Resp: 29312
Ion Ratio Lower Upper
101 100
103 70.0 52.6 78.8

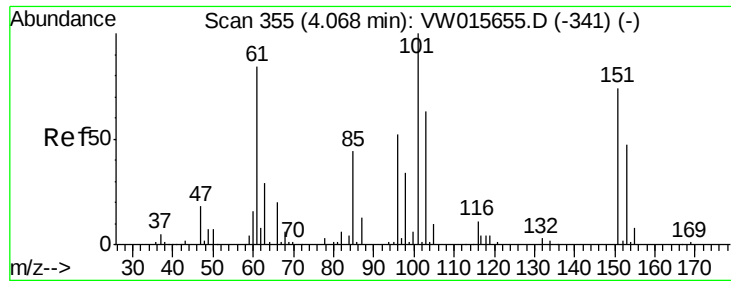


#8

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: 74 Resp: 21928
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

ClientSampleId :

VW0624SBS02

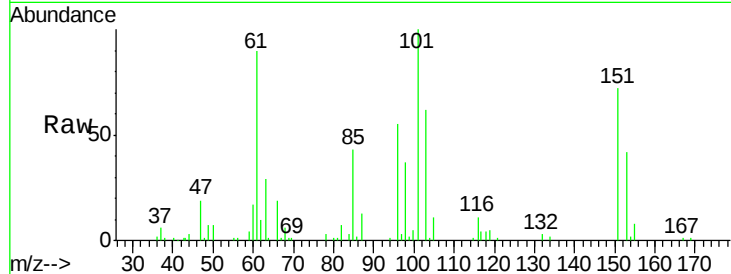
Tgt Ion:101 Resp: 39163

Ion Ratio Lower Upper

101 100

85 46.2 36.6 55.0

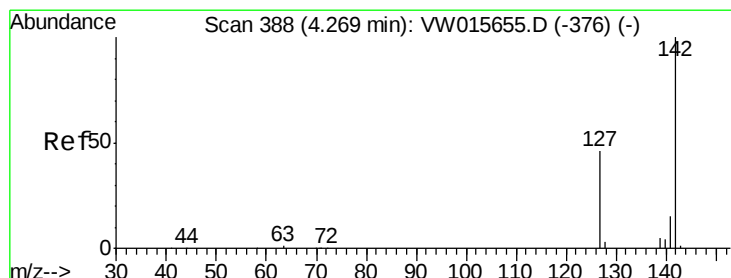
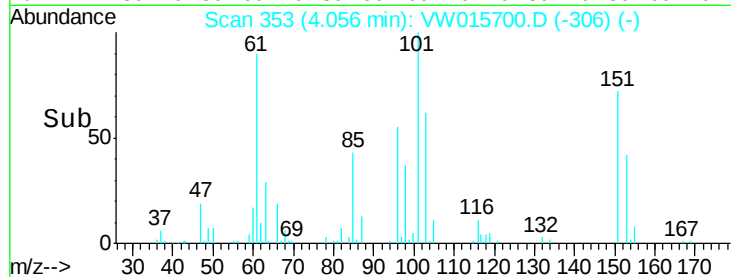
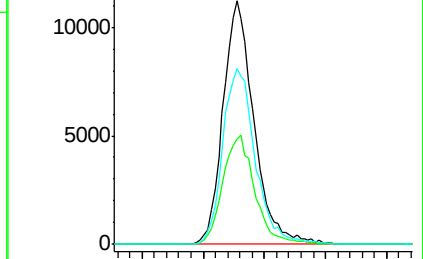
151 76.0 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#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

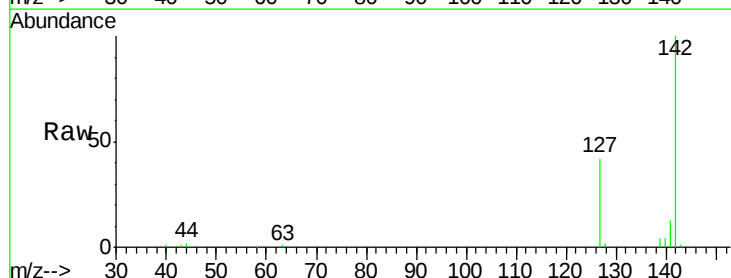
Tgt Ion:142 Resp: 56734

Ion Ratio Lower Upper

142 100

127 45.0 36.4 54.6

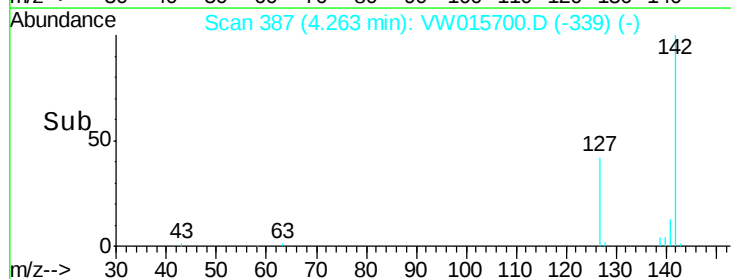
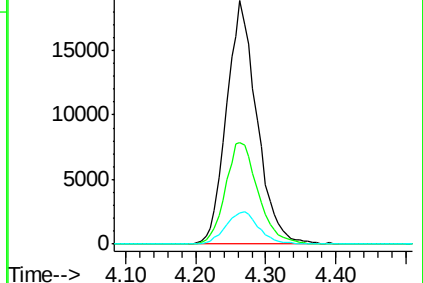
141 14.5 11.6 17.4

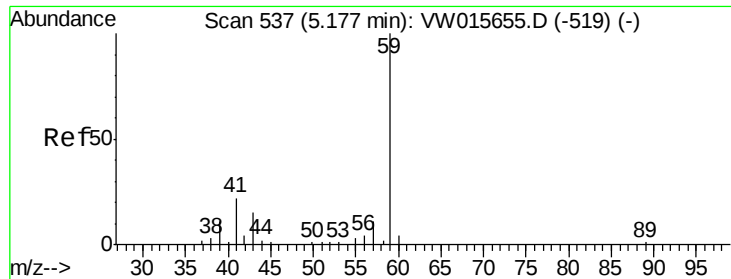


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

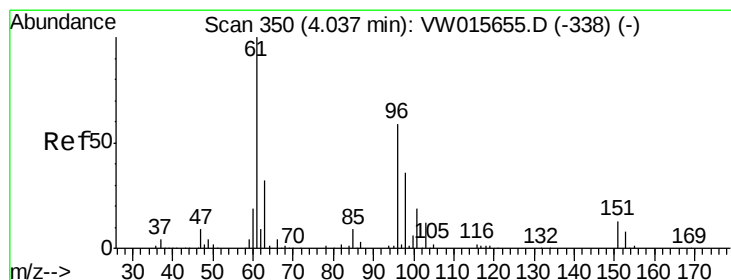
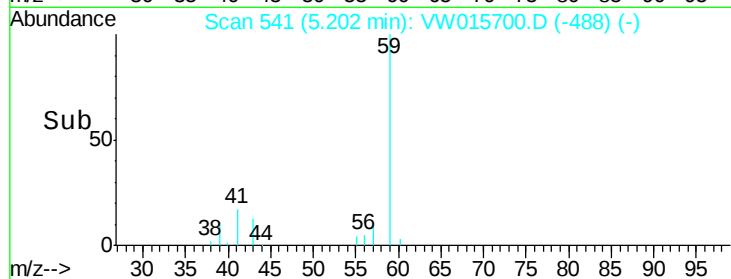
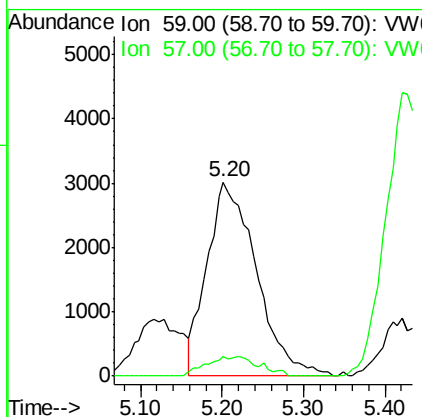
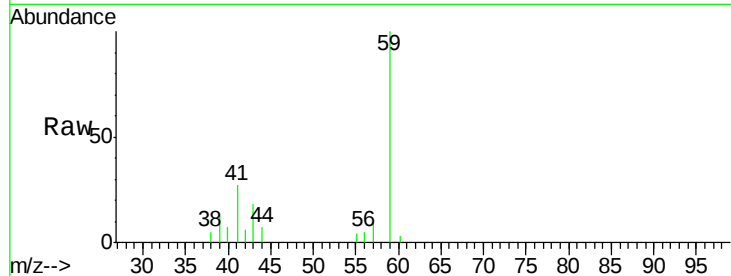




#11
Tert butyl alcohol
Concen: 79.758 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

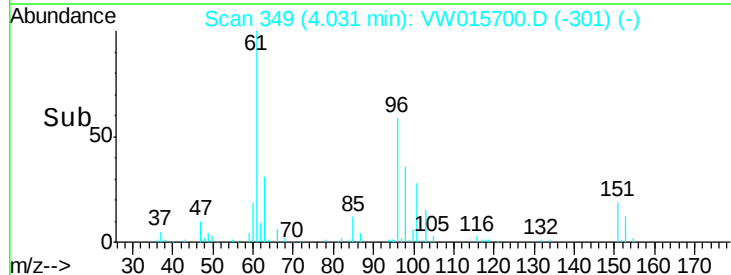
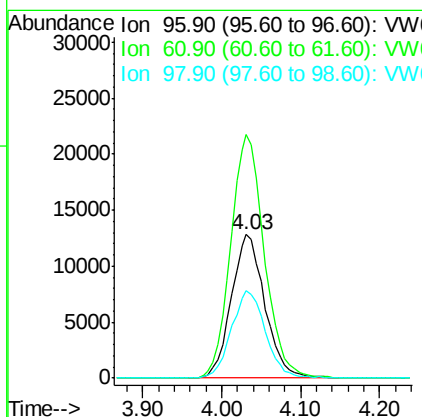
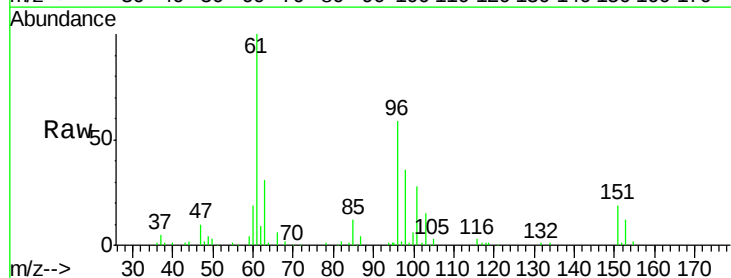
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

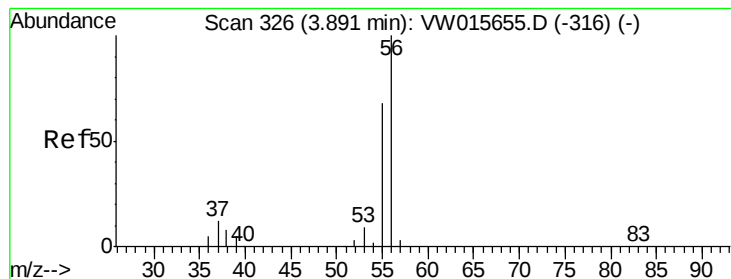
Tgt Ion: 59 Resp: 12700
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#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 :

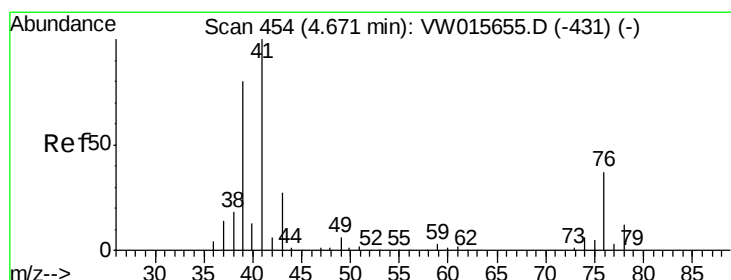
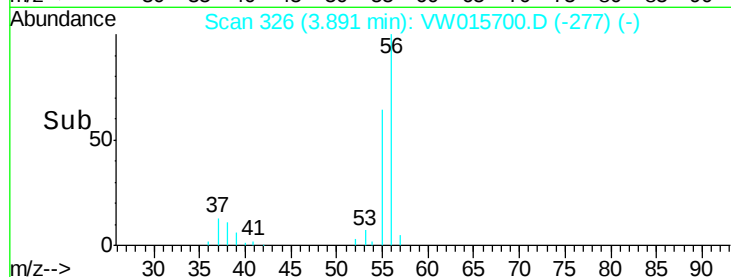
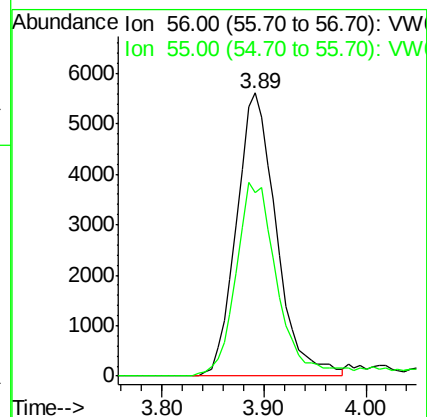
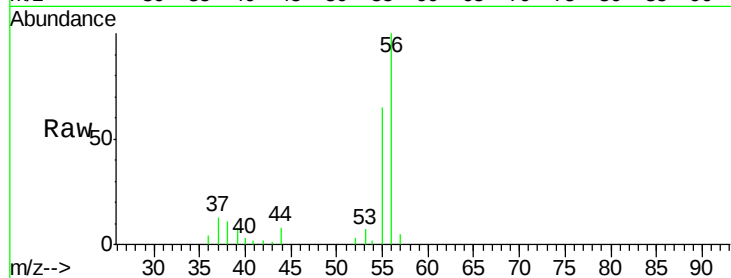
VW0624SBS02

Tgt Ion: 56 Resp: 15219

Ion Ratio Lower Upper

56 100

55 70.9 56.2 84.2



#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

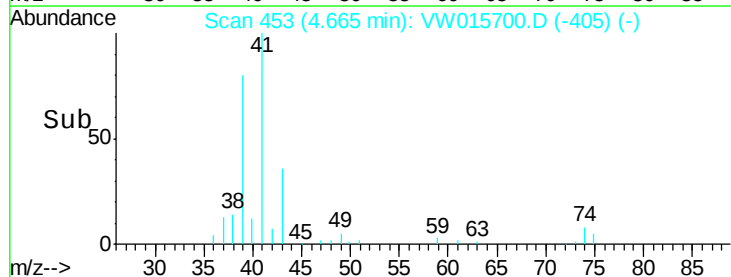
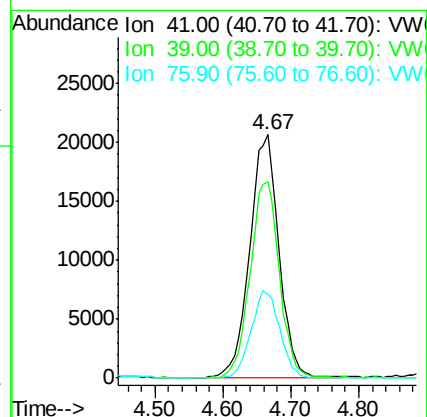
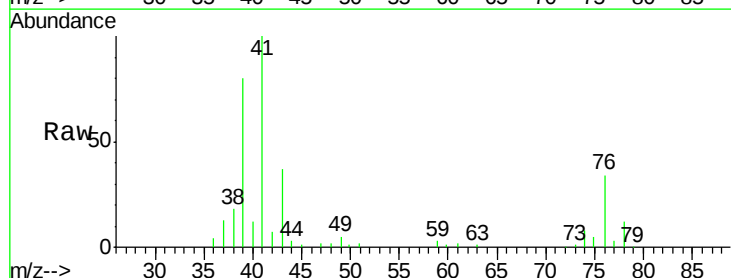
Tgt Ion: 41 Resp: 62127

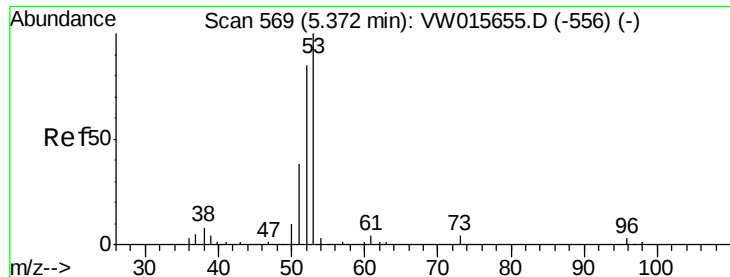
Ion Ratio Lower Upper

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

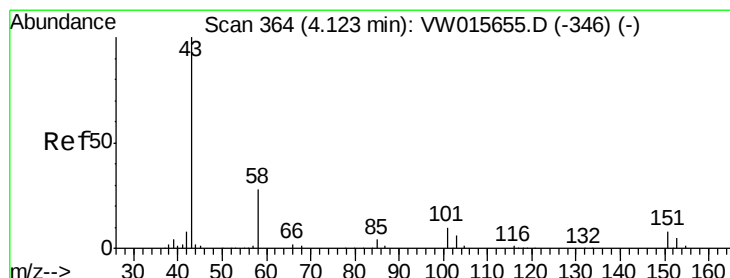
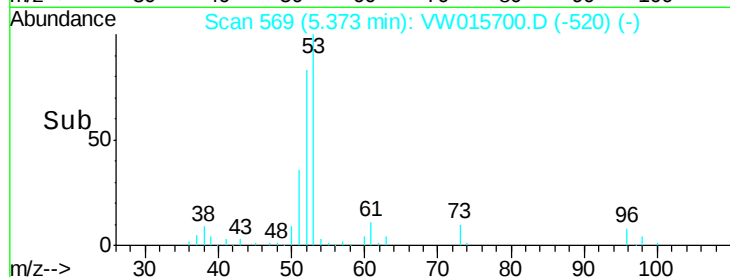
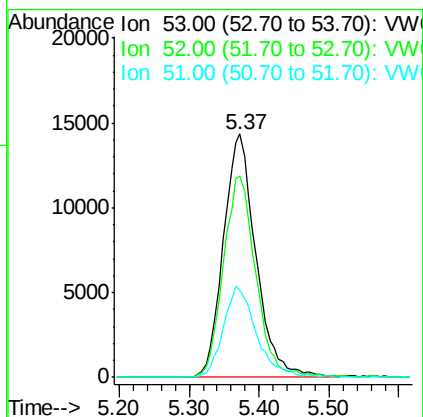
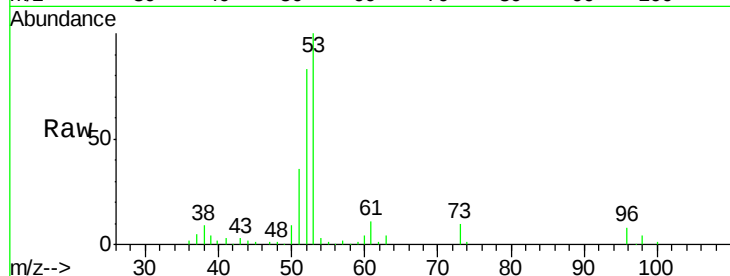
Tgt Ion: 53 Resp: 46256

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.6

51 37.9 30.7 46.1



#16

Acetone

Concen: 88.337 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015700.D

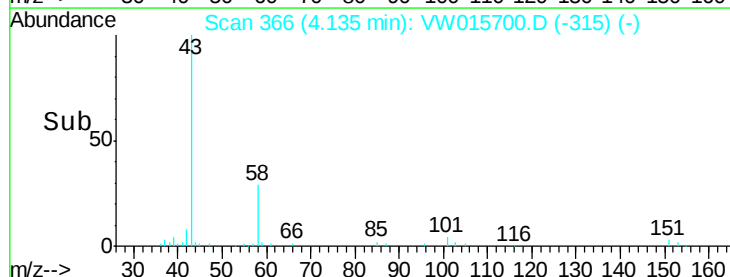
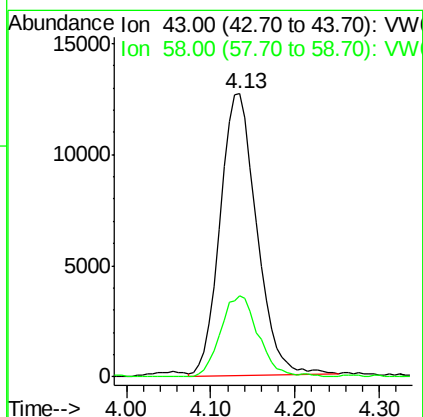
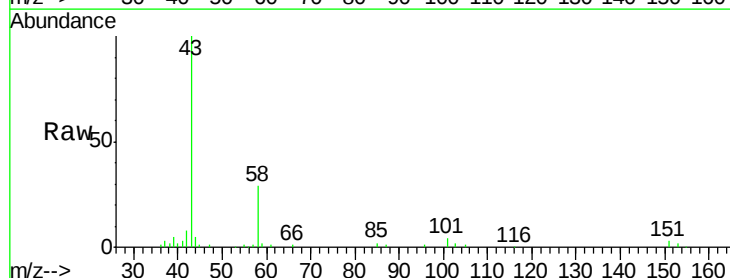
Acq: 24 Jun 2020 23:49

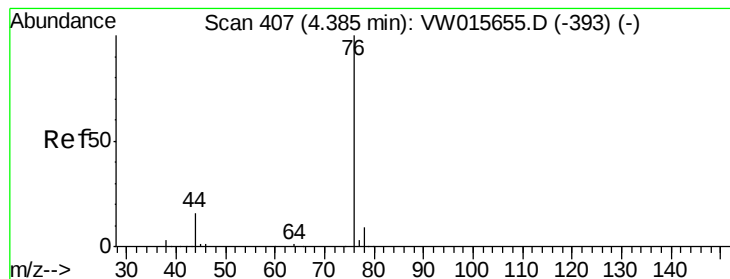
Tgt Ion: 43 Resp: 37568

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 :

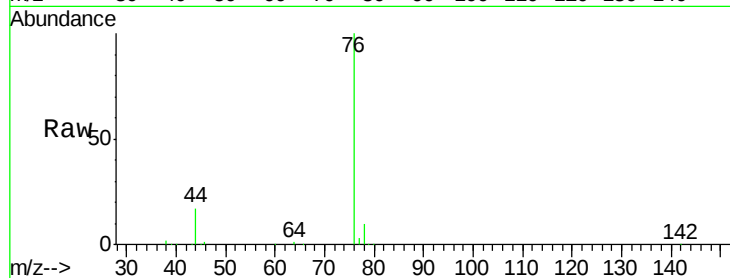
VW0624SBS02

Tgt Ion: 76 Resp: 99825

Ion Ratio Lower Upper

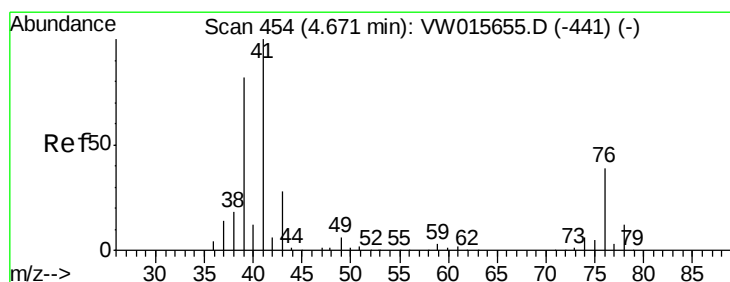
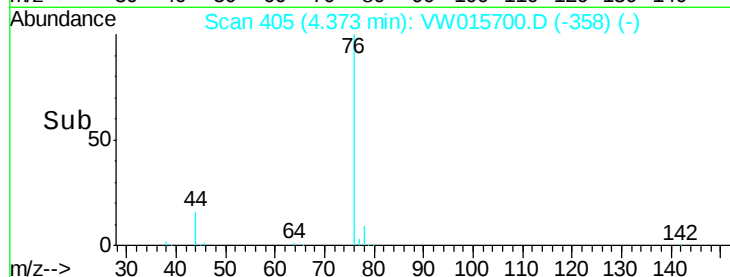
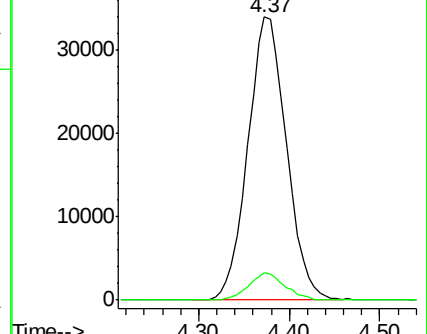
76 100

78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 24.781 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015700.D

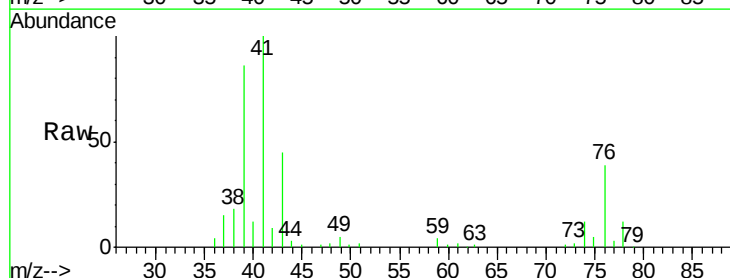
Acq: 24 Jun 2020 23:49

Tgt Ion: 43 Resp: 23861

Ion Ratio Lower Upper

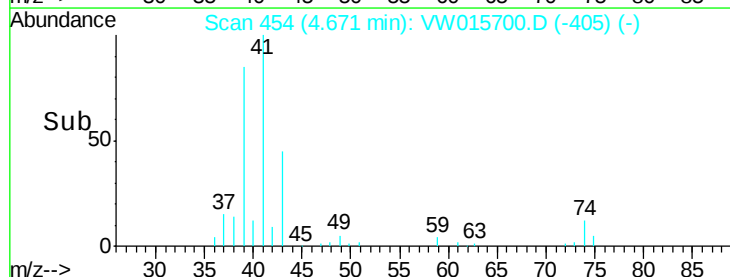
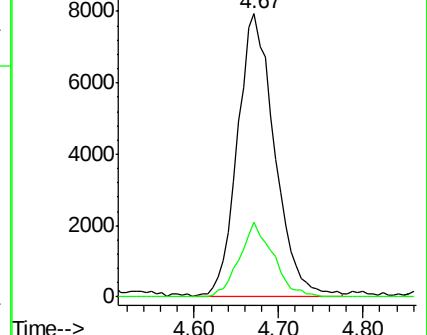
43 100

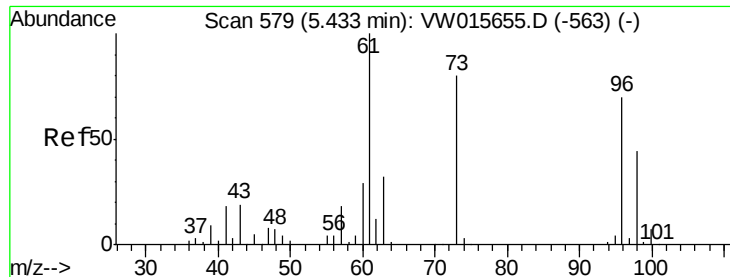
74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

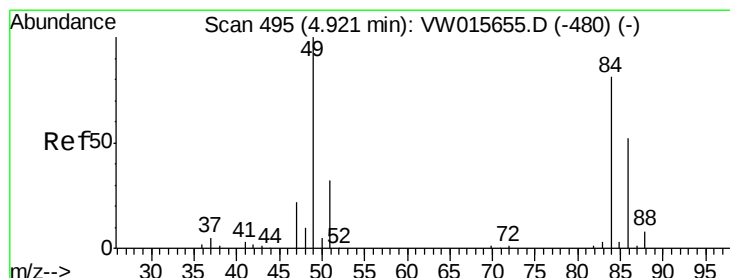
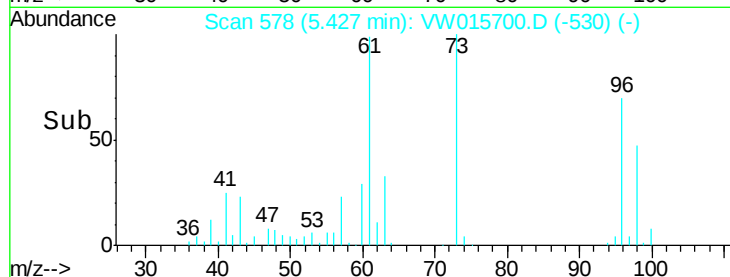
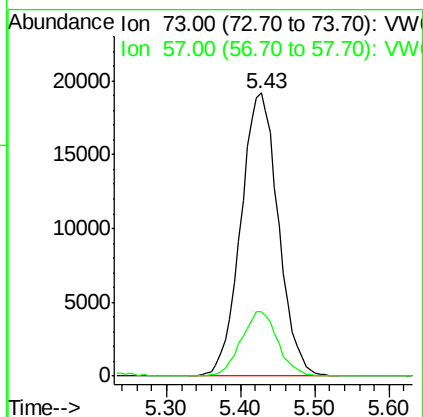
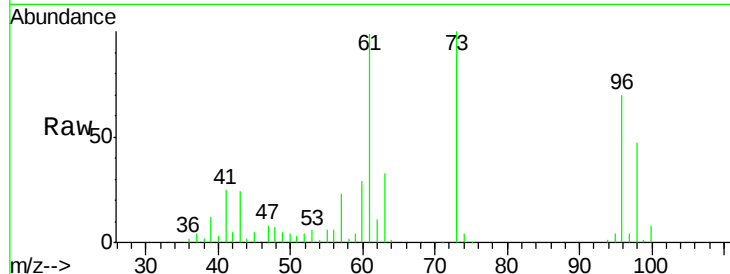




#19
Methyl tert-butyl Ether
Concen: 22.891 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

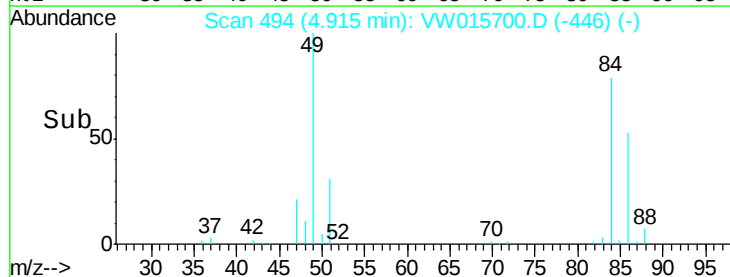
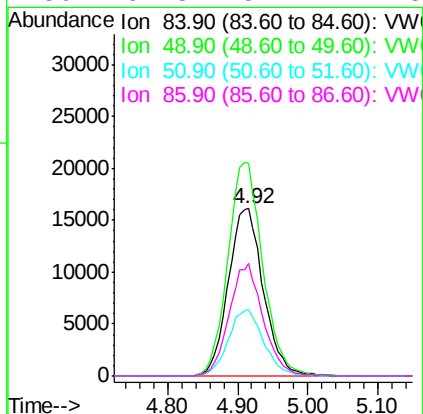
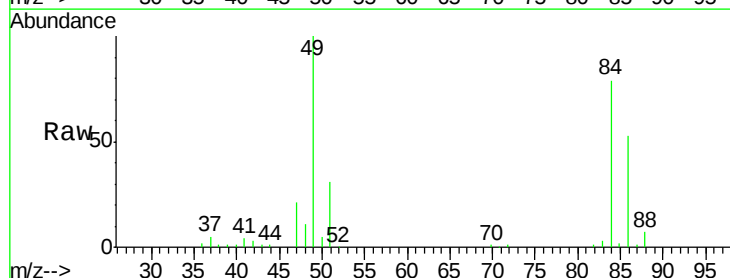
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

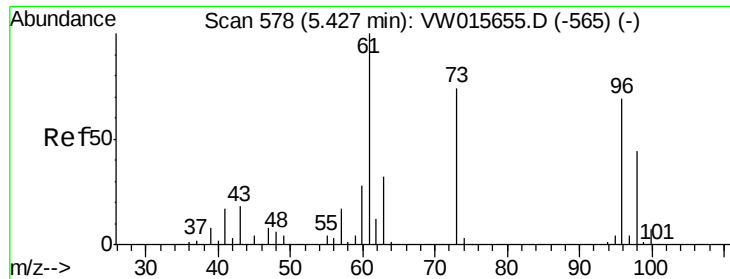
Tgt Ion: 73 Resp: 67569
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#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

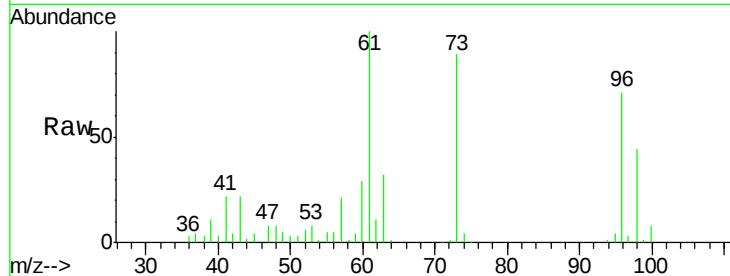
Tgt Ion: 96 Resp: 45796

Ion Ratio Lower Upper

96 100

61 141.3 116.2 174.2

98 62.3 51.4 77.0

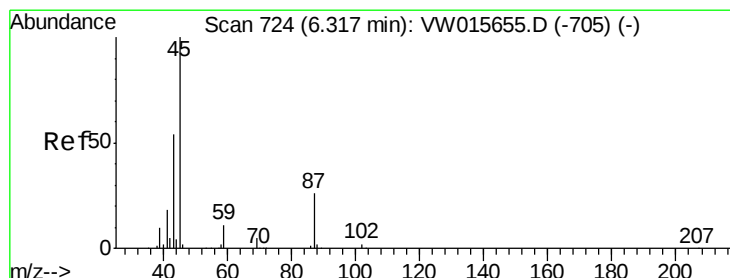
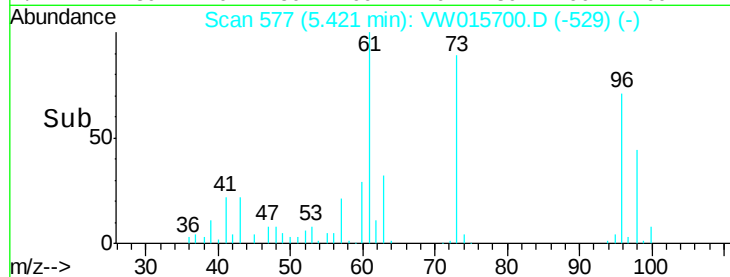
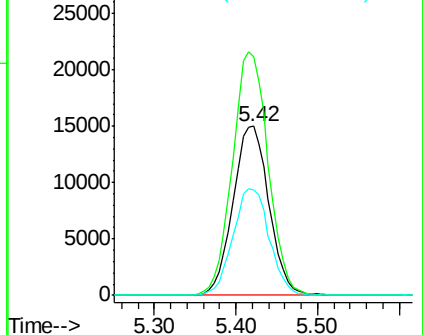


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 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

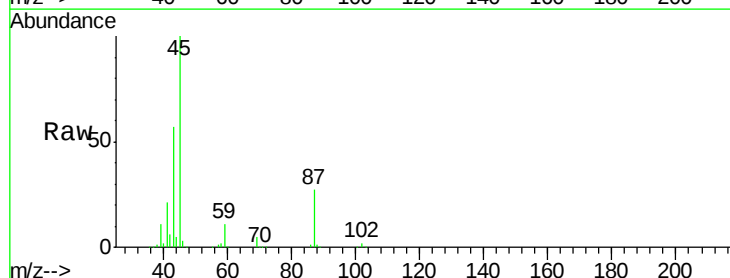
Ion Ratio Lower Upper

45 100

43 56.6 43.9 65.9

87 27.2 21.2 31.8

59 11.4 9.2 13.8



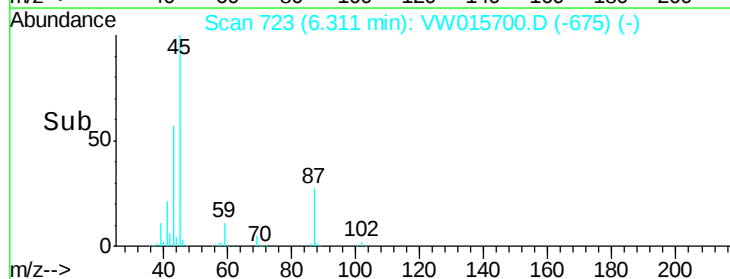
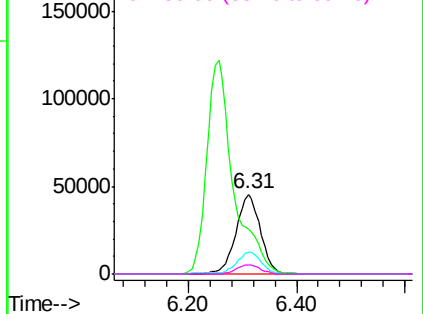
Abundance

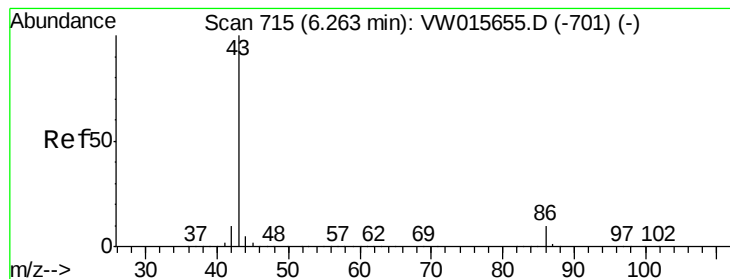
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 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

ClientSampled :

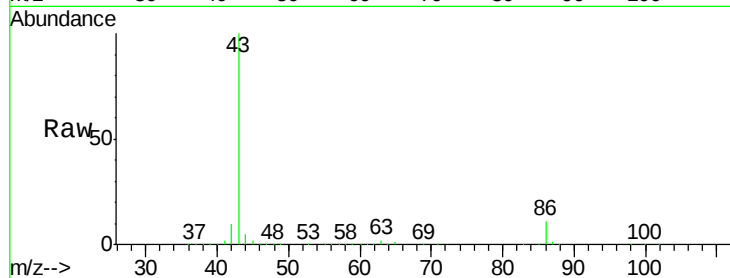
VW0624SBS02

Tgt Ion: 43 Resp: 413498

Ion Ratio Lower Upper

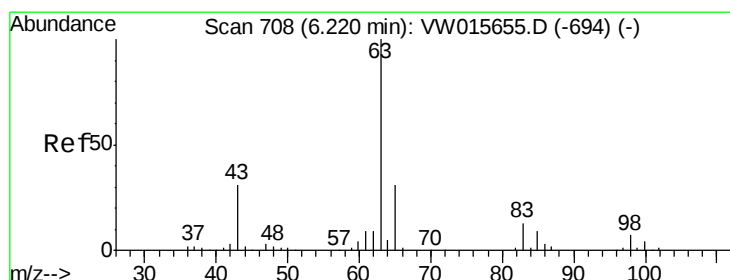
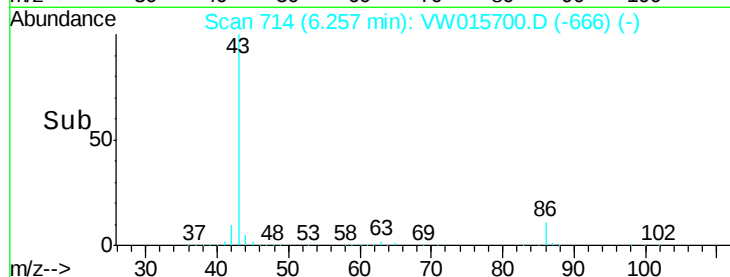
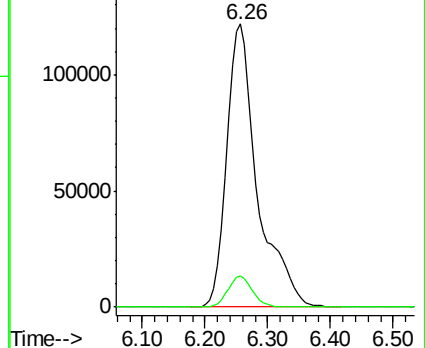
43 100

86 10.9 8.3 12.5



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

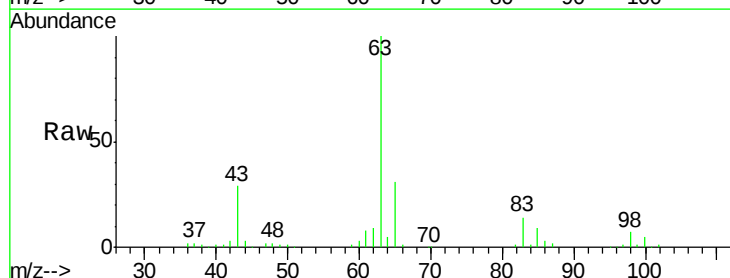
Tgt Ion: 63 Resp: 84215

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

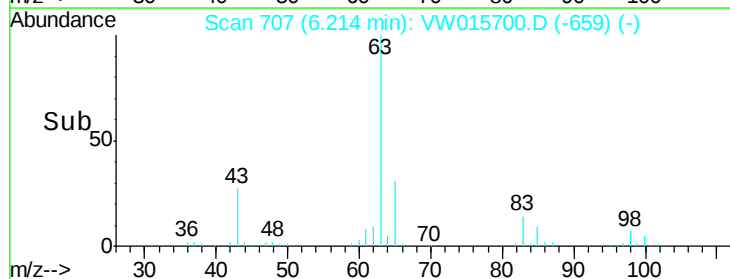
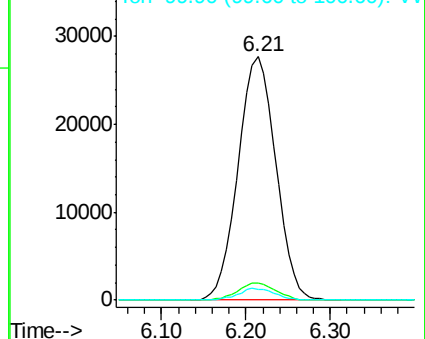
100 4.6 2.1 6.3

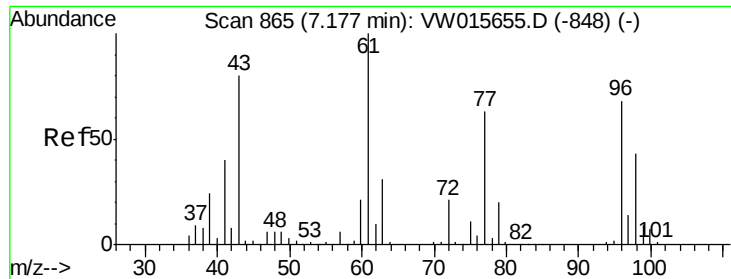


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

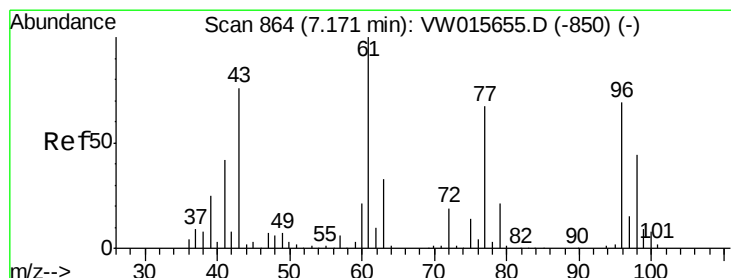
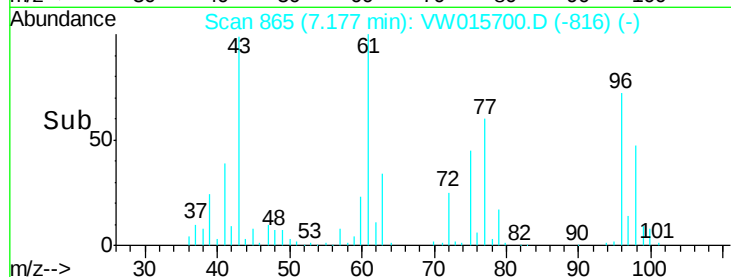
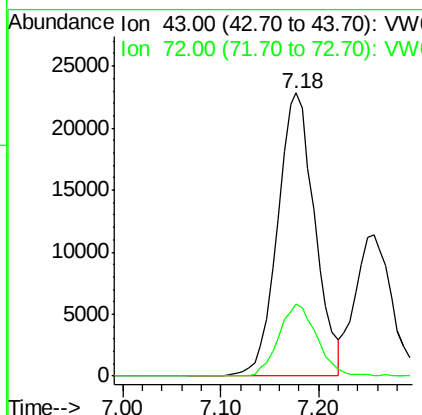
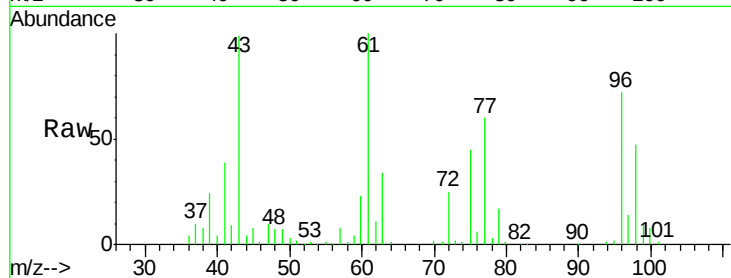




#25
2-Butanone
Concen: 105.931 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

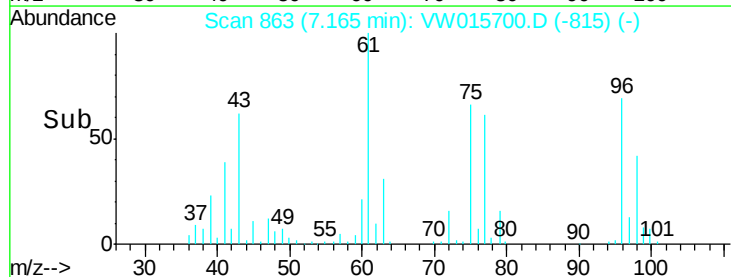
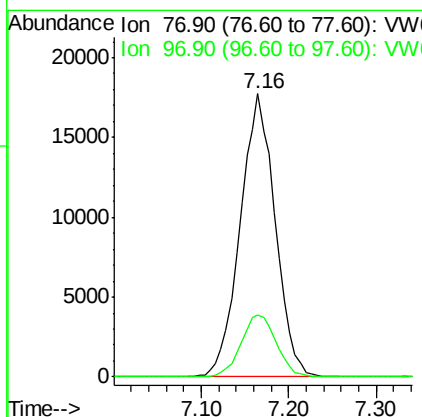
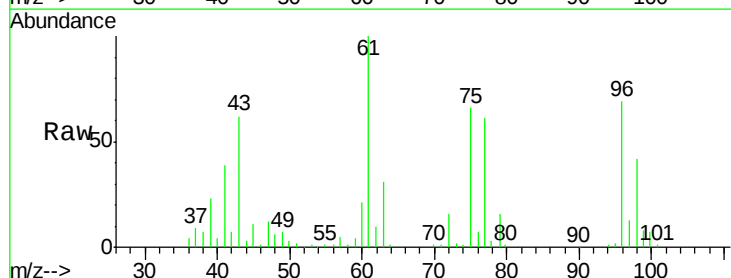
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

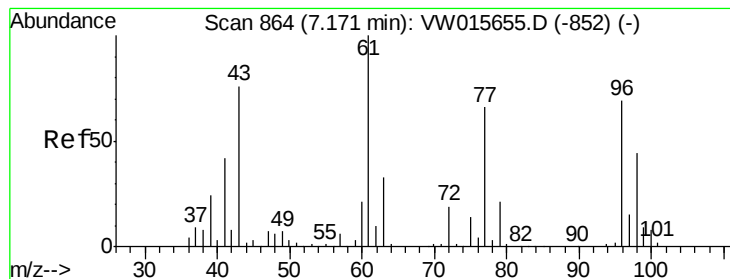
Tgt Ion: 43 Resp: 60887
Ion Ratio Lower Upper
43 100
72 25.6 21.1 31.7



#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



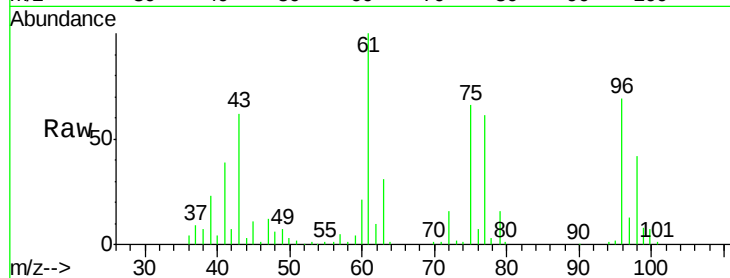


#27

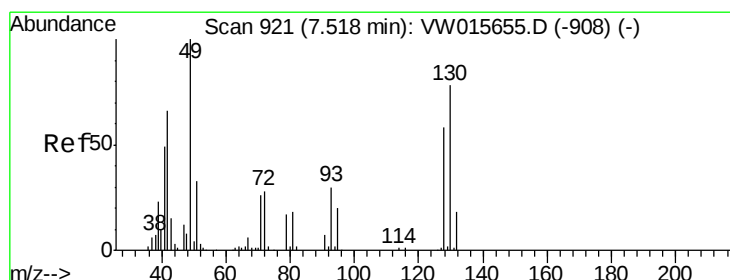
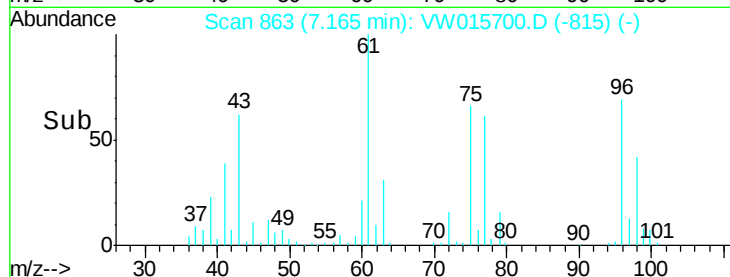
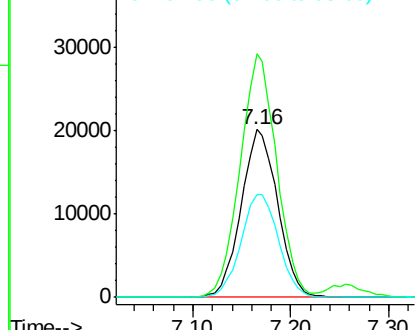
cis-1,2-Dichloroethene
Concen: 21.536 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tgt Ion: 96 Resp: 52094
Ion Ratio Lower Upper
96 100
61 145.5 0.0 296.8
98 63.2 0.0 128.0



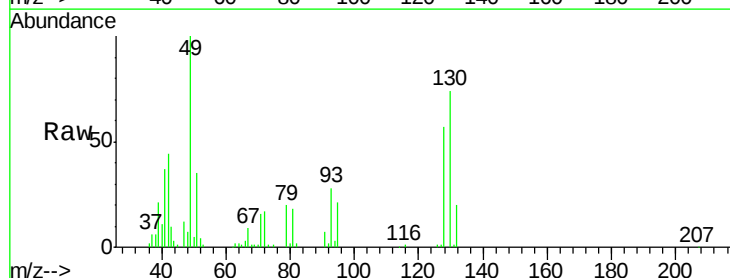
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



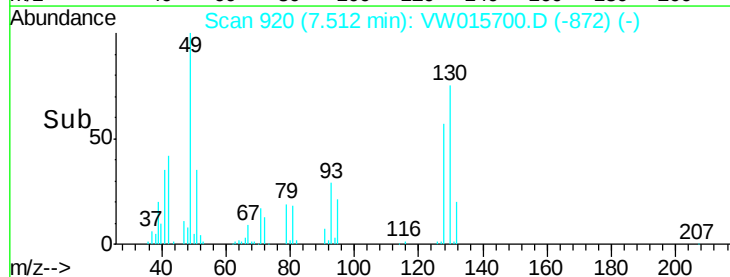
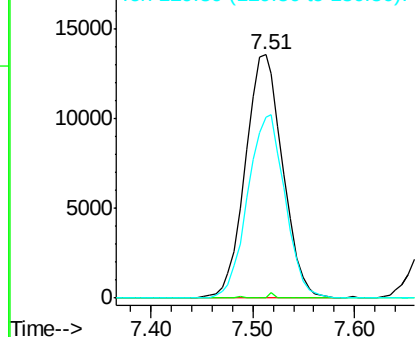
#28

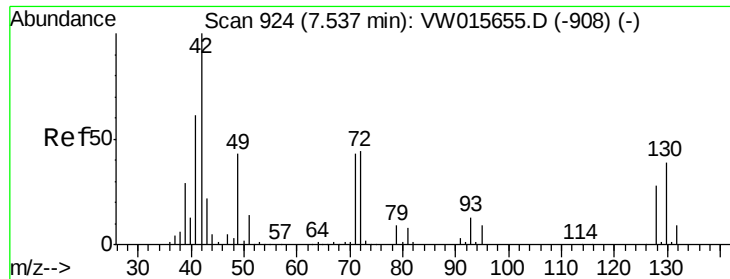
Bromochloromethane
Concen: 22.509 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 49 Resp: 34493
Ion Ratio Lower Upper
49 100
129 0.3 0.0 2.2
130 75.3 61.0 91.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

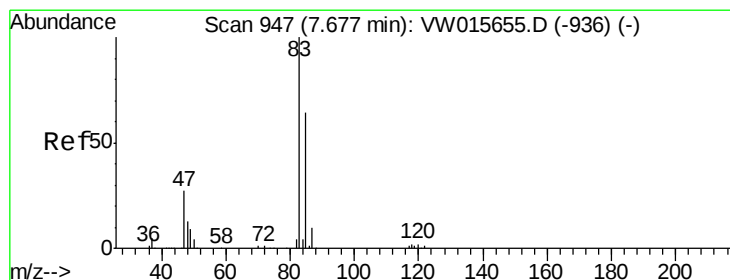
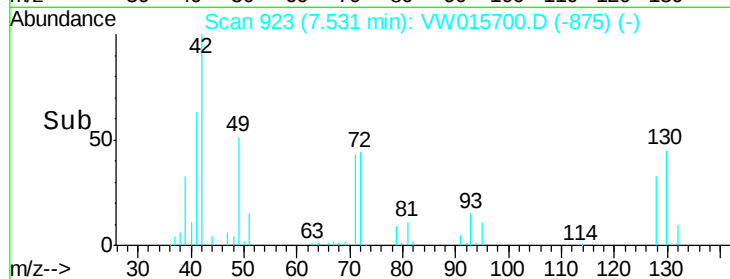
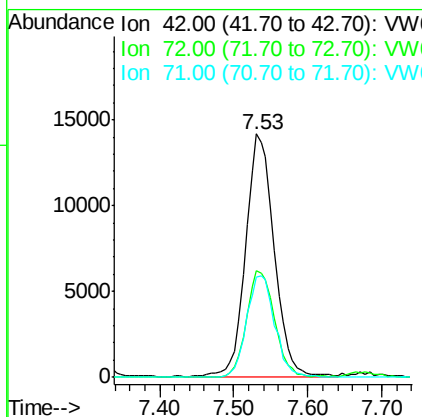
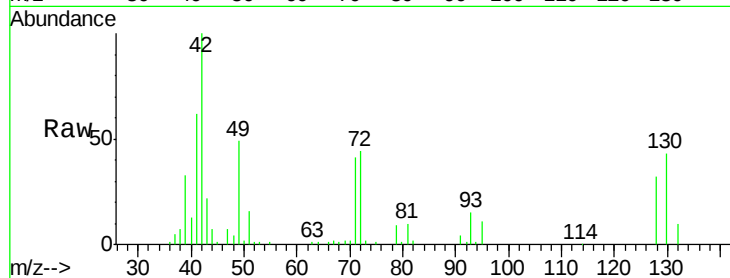




#29
Tetrahydrofuran
Concen: 113.801 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

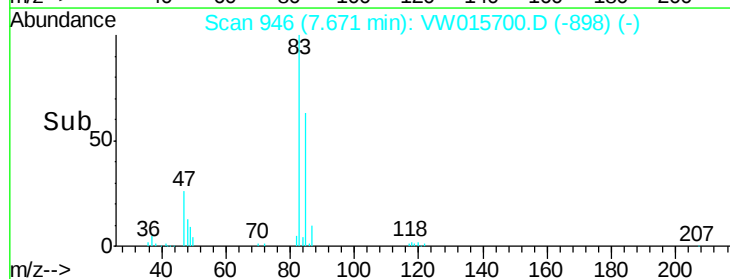
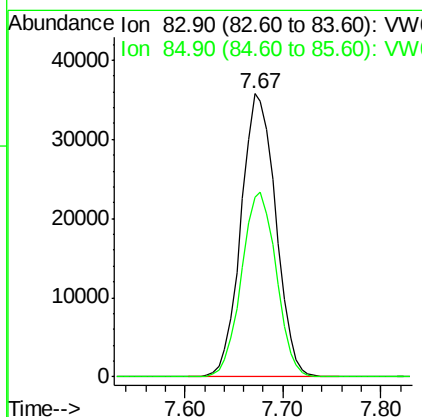
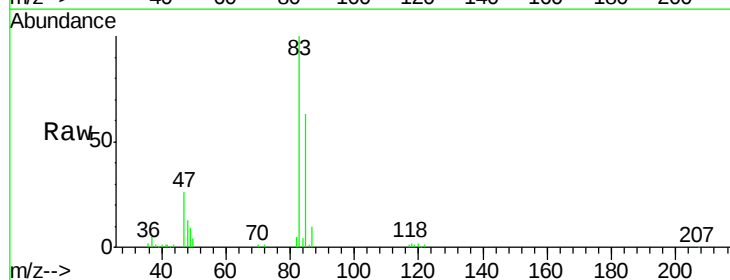
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

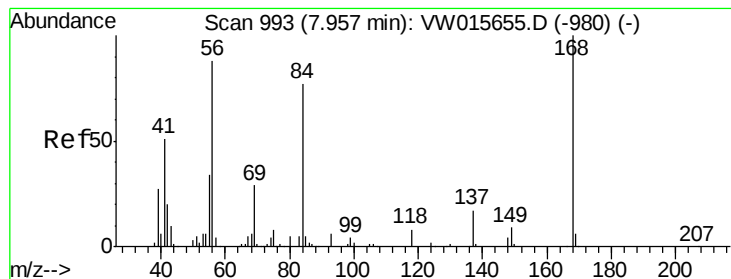
Tgt Ion: 42 Resp: 38438
Ion Ratio Lower Upper
42 100
72 42.6 35.0 52.6
71 40.6 32.6 49.0



#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: 83 Resp: 88149
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

ClientSampled :

VW0624SBS02

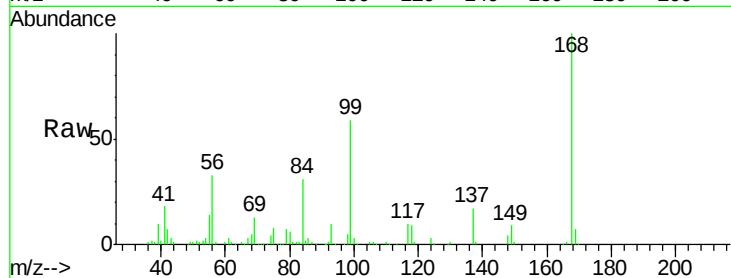
Tgt Ion: 56 Resp: 72516

Ion Ratio Lower Upper

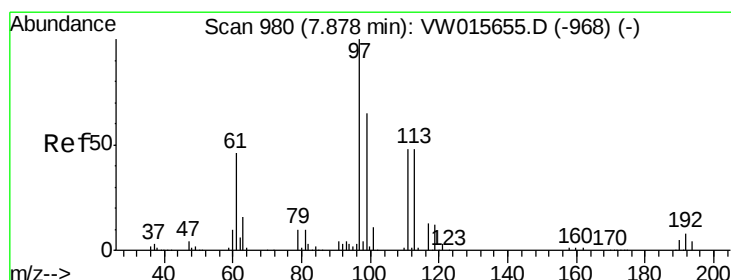
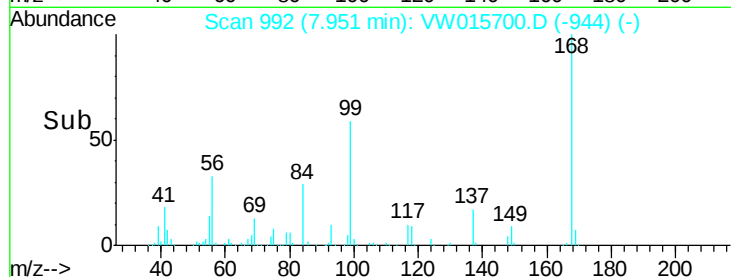
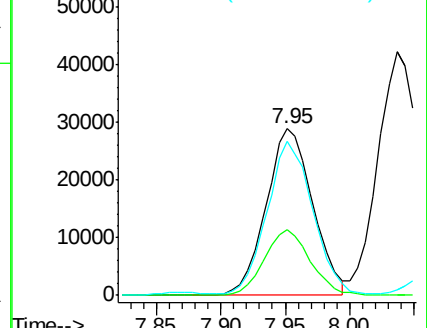
56 100

69 39.4 26.2 39.4#

84 91.4 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#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

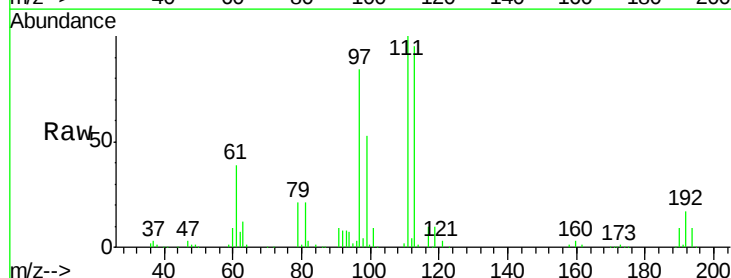
Tgt Ion: 97 Resp: 70273

Ion Ratio Lower Upper

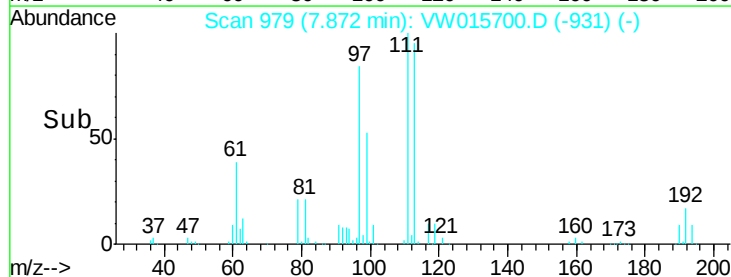
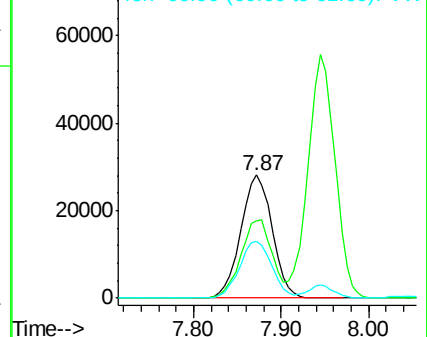
97 100

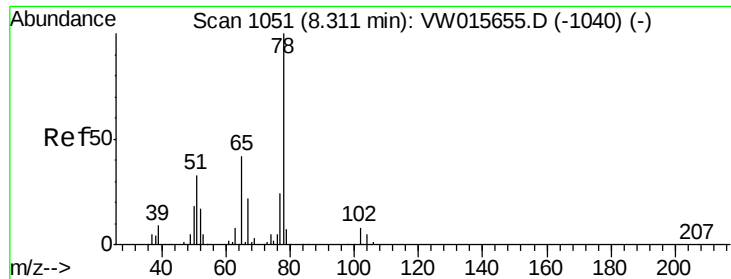
99 62.9 51.9 77.9

61 47.7 37.3 55.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

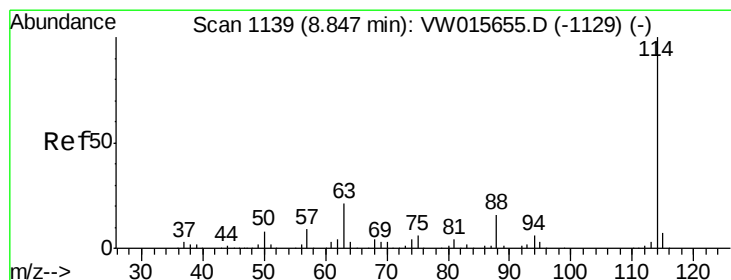
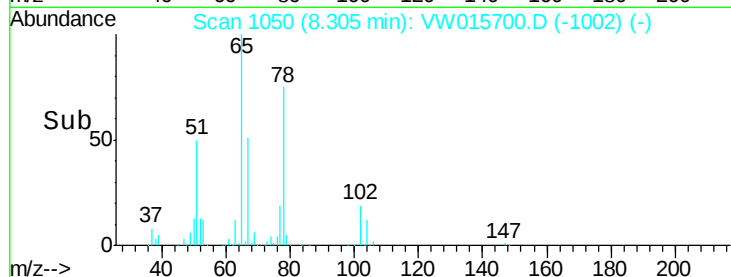
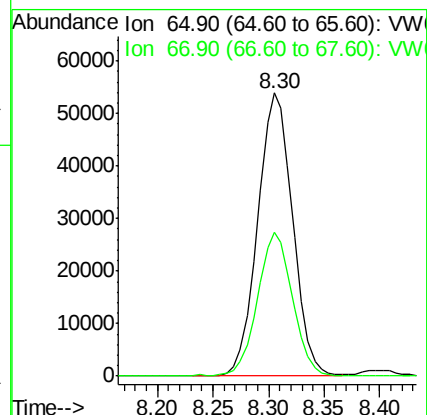
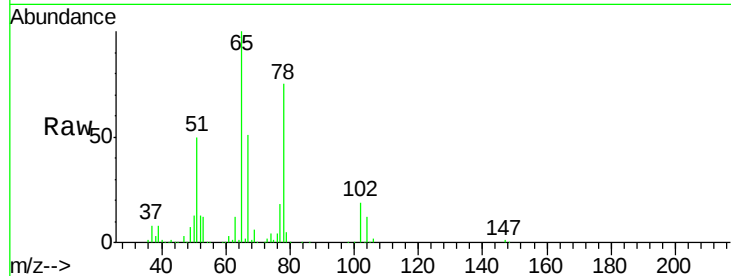




#33
 1,2-Dichloroethane-d4
 Concen: 52.709 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

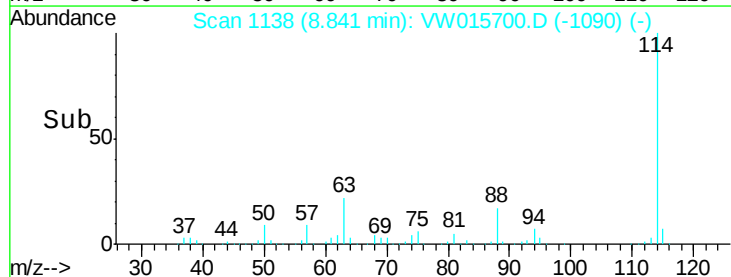
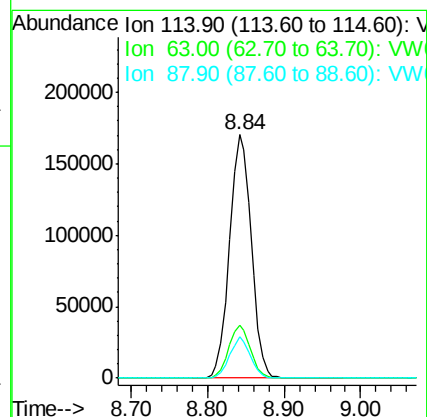
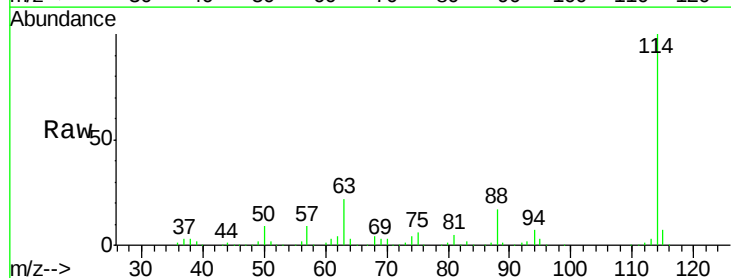
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

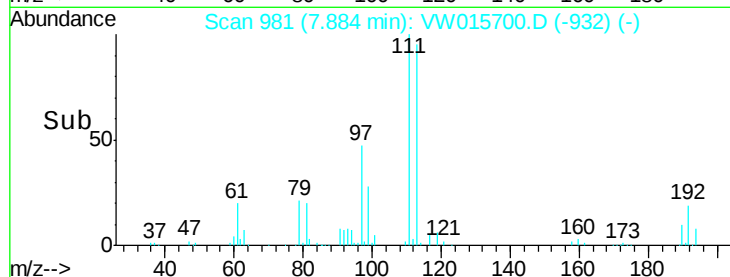
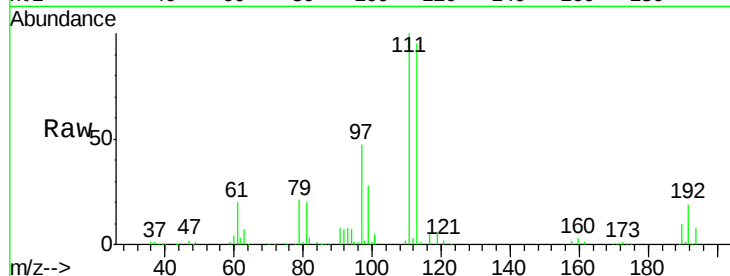
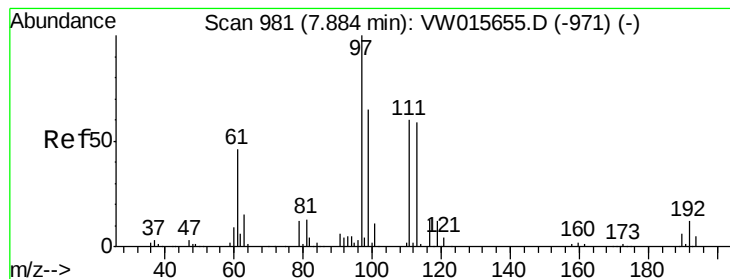
Tgt Ion: 65 Resp: 117915
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.2



#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: 114 Resp: 334178
 Ion Ratio Lower Upper
 114 100
 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

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

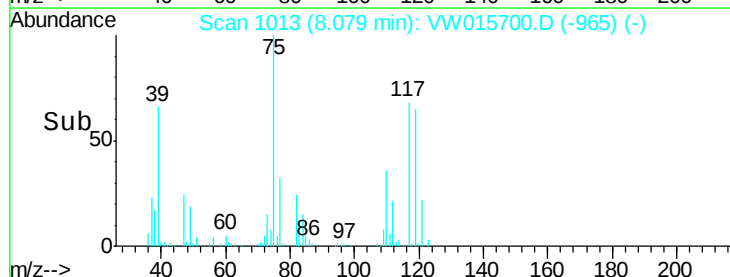
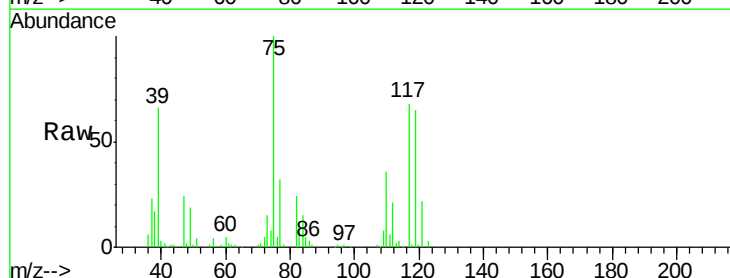
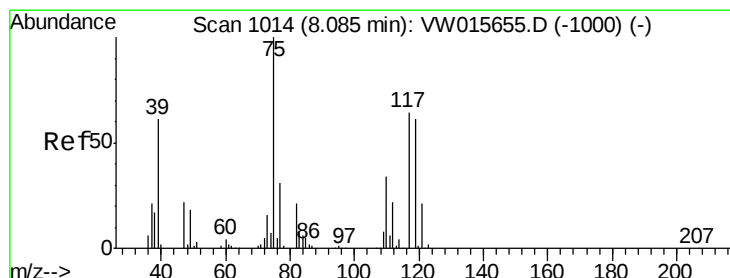
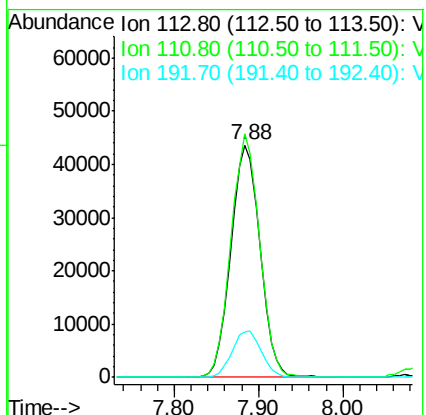
Tgt Ion:113 Resp: 102312

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 20.0 16.4 24.6



#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

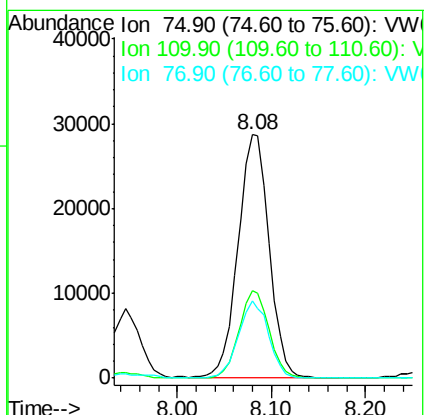
Tgt Ion: 75 Resp: 66545

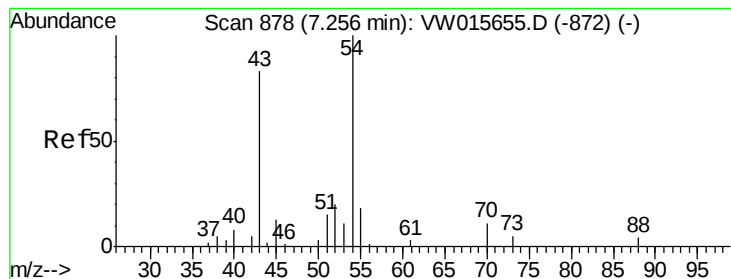
Ion Ratio Lower Upper

75 100

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

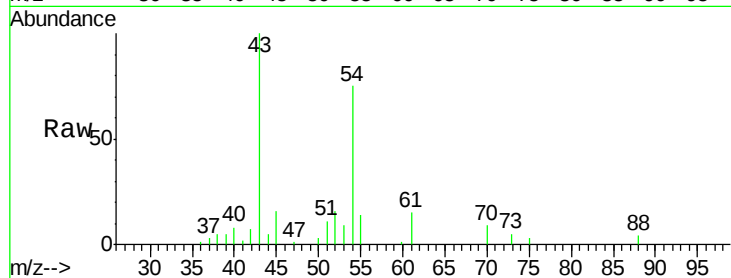
Tgt Ion: 43 Resp: 30466

Ion Ratio Lower Upper

43 100

61 13.3 10.4 15.6

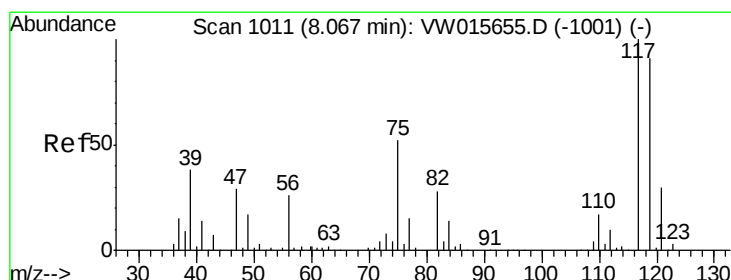
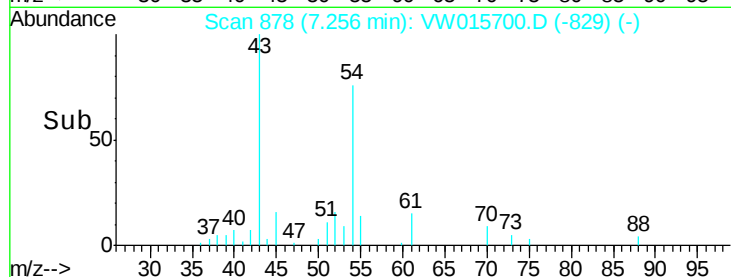
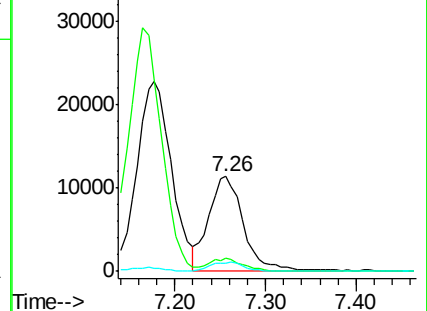
70 9.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#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

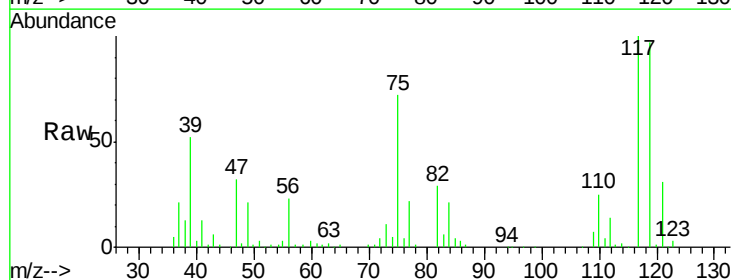
Tgt Ion: 117 Resp: 63754

Ion Ratio Lower Upper

117 100

119 97.3 73.2 109.8

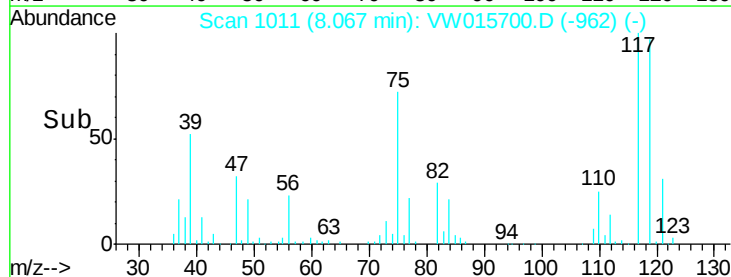
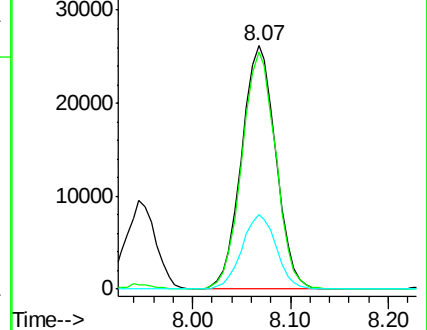
121 30.8 23.9 35.9

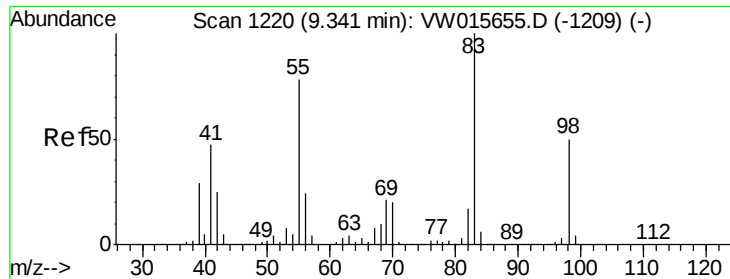


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

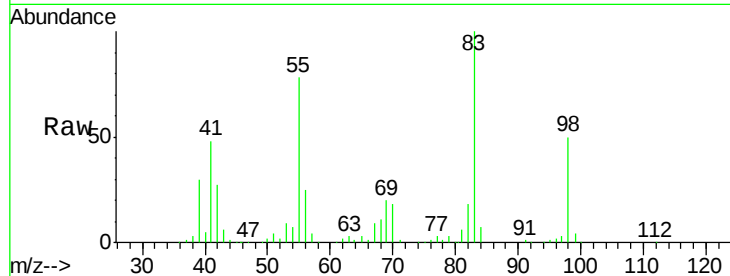




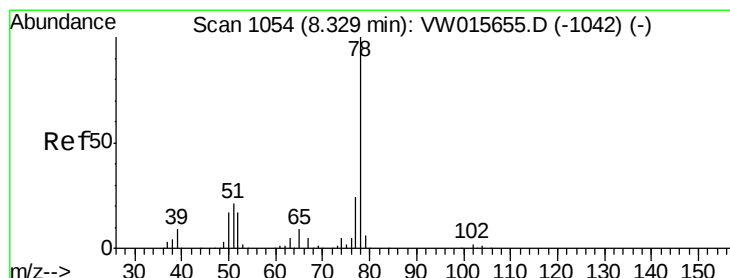
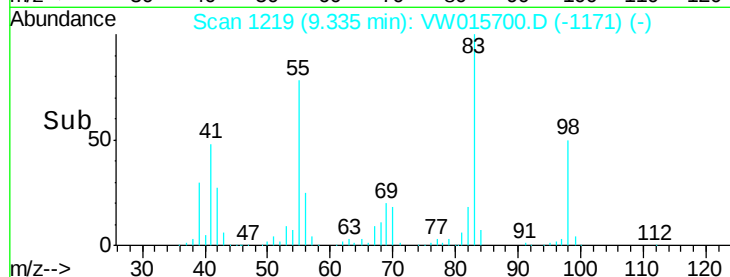
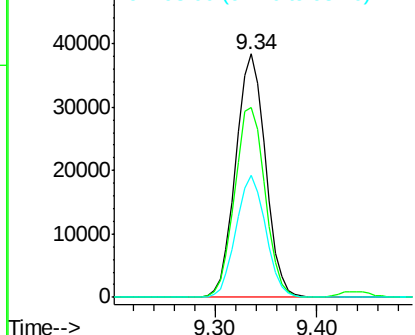
#39
Methylcyclohexane
Concen: 18.456 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tgt Ion: 83 Resp: 77697
Ion Ratio Lower Upper
83 100
55 78.1 62.8 94.2
98 50.4 39.9 59.9

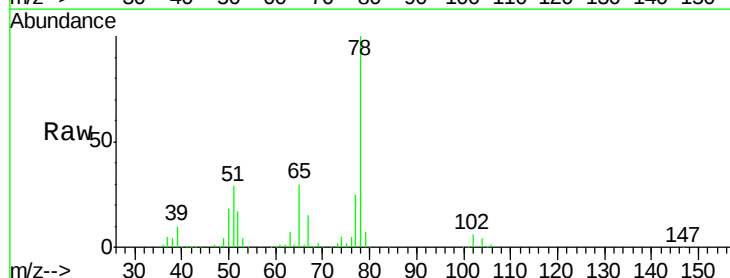


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

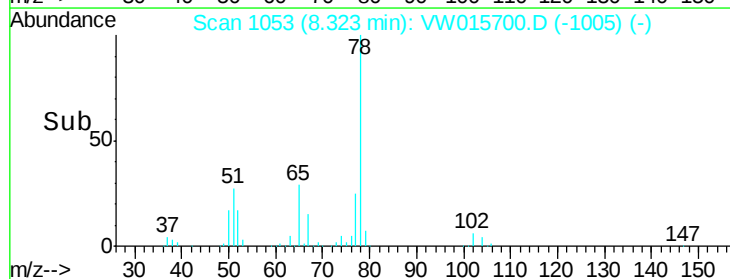
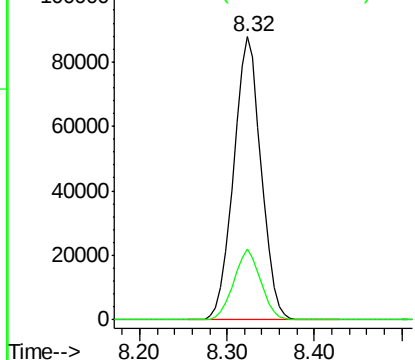


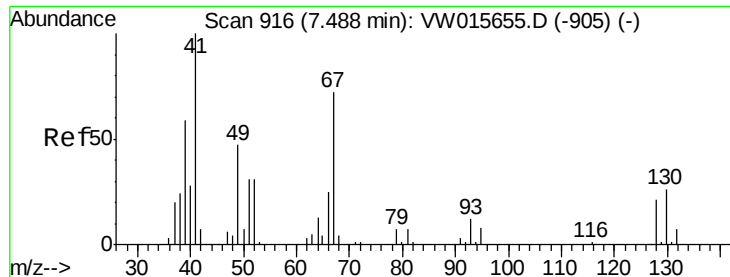
#40
Benzene
Concen: 20.273 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Tgt Ion: 78 Resp: 191595
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

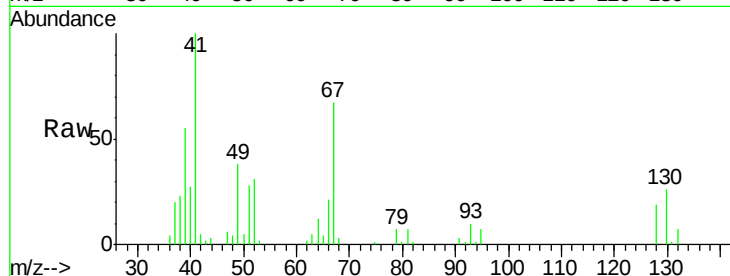




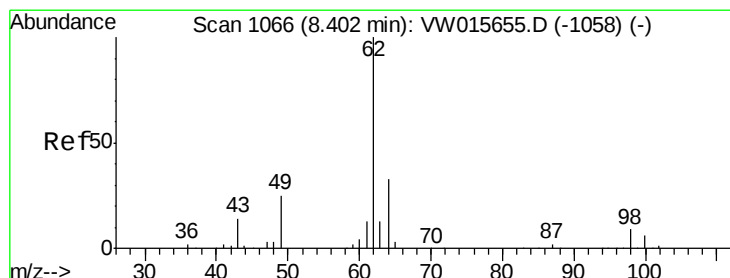
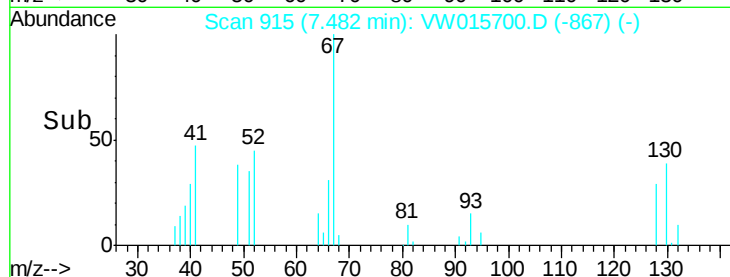
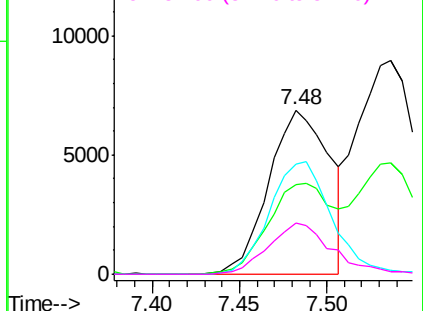
#41
Methacrylonitrile
Concen: 21.887 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tgt 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

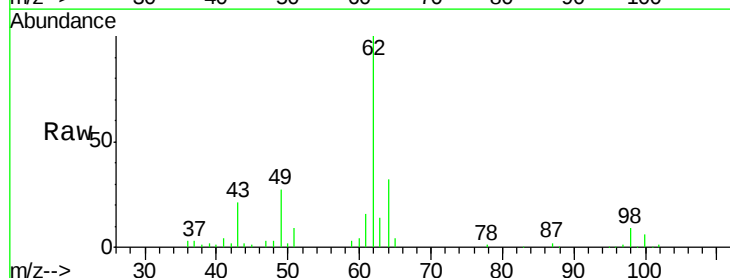


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

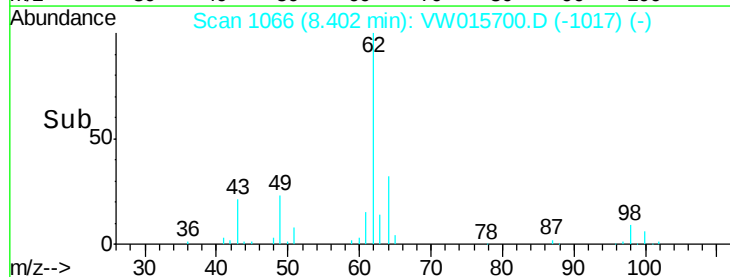
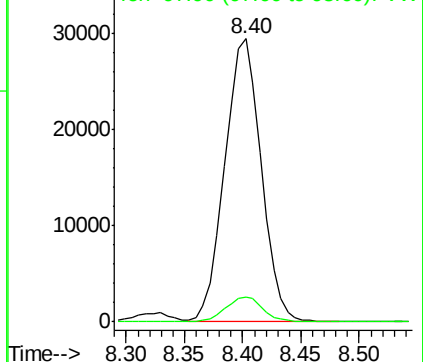


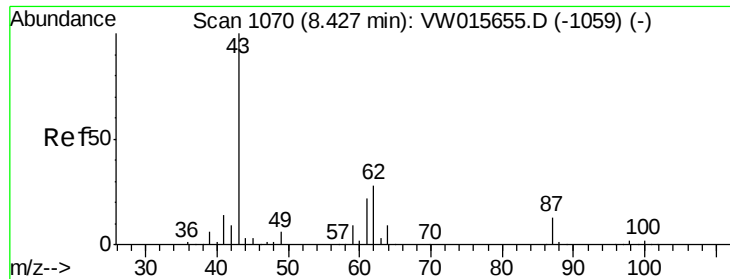
#42
1,2-Dichloroethane
Concen: 21.962 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

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



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#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

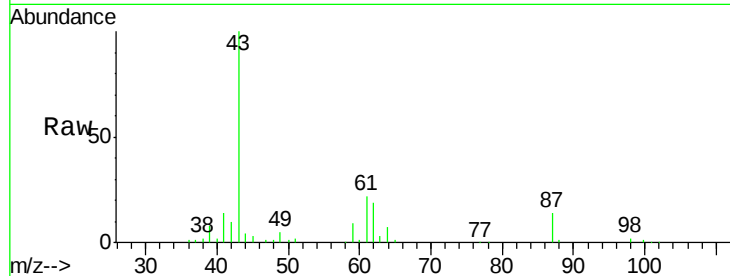
Tgt Ion: 43 Resp: 58782

Ion Ratio Lower Upper

43 100

61 31.4 24.7 37.1

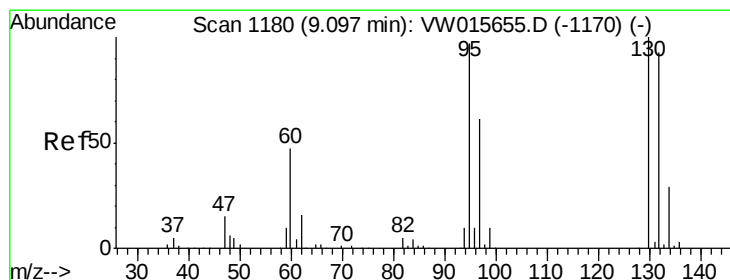
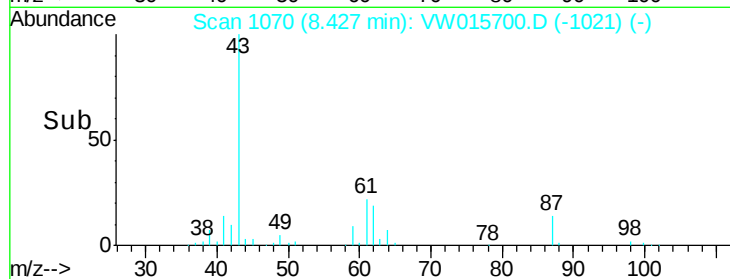
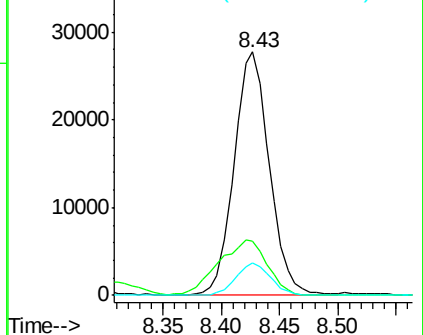
87 12.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.699 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015700.D

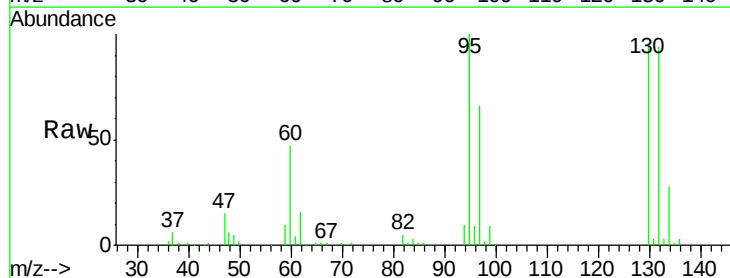
Acq: 24 Jun 2020 23:49

Tgt Ion: 130 Resp: 50180

Ion Ratio Lower Upper

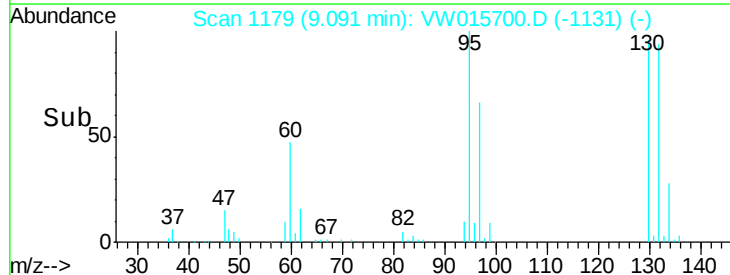
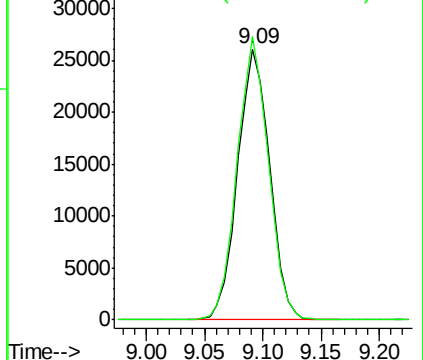
130 100

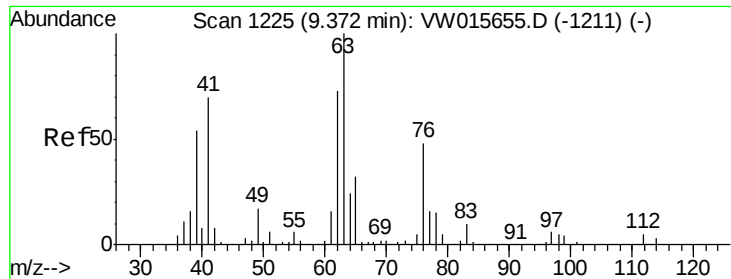
95 104.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

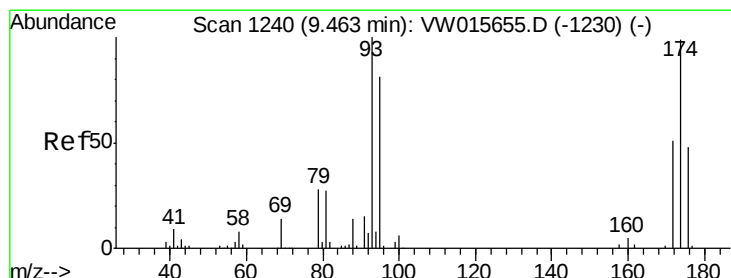
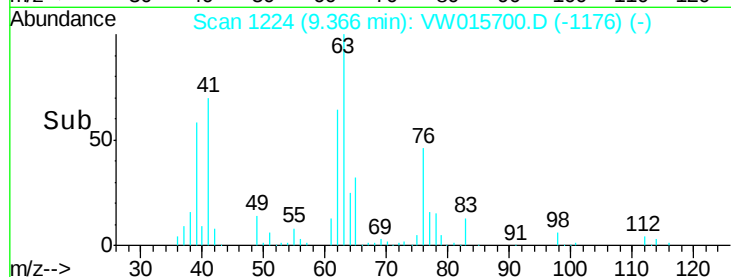
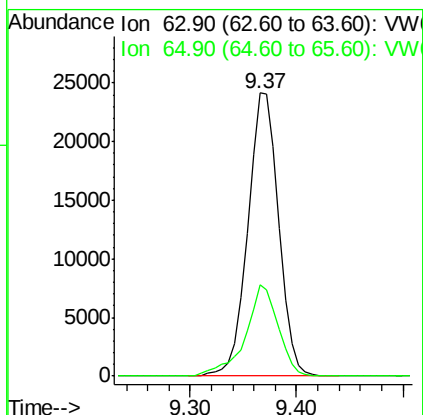
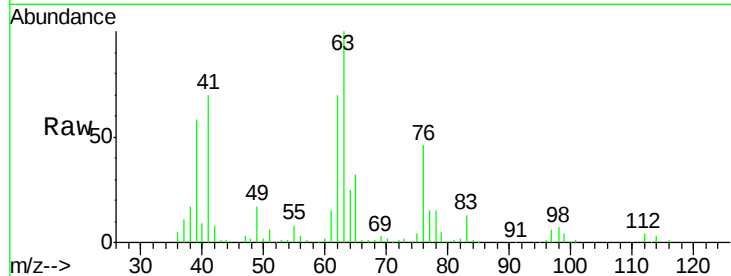




#45
 1,2-Dichloropropane
 Concen: 21.226 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

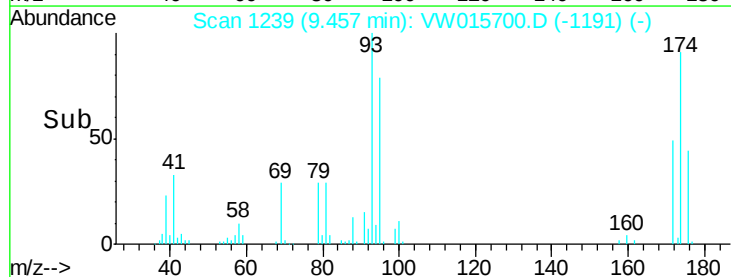
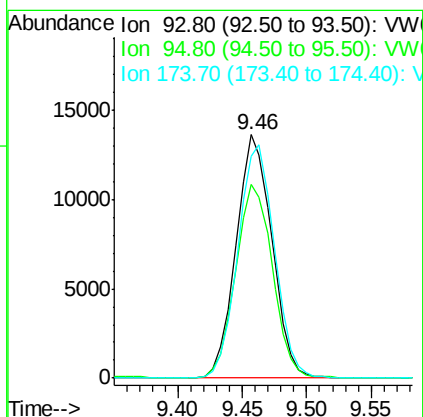
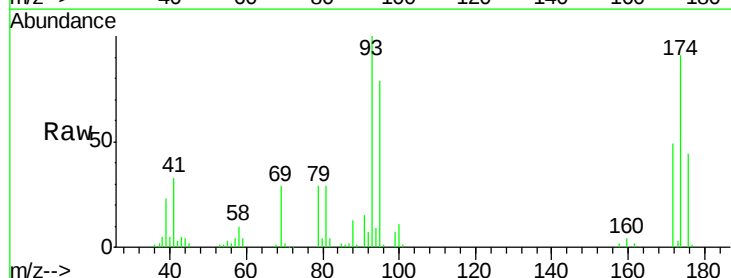
Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBS02

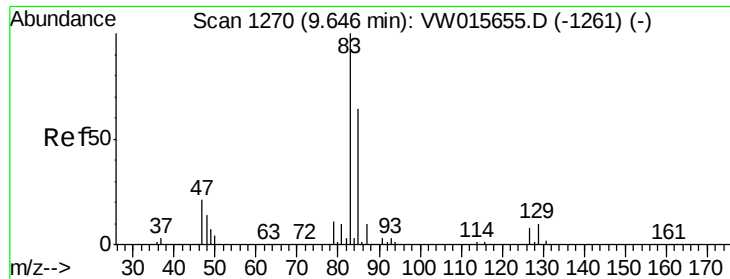
Tgt Ion: 63 Resp: 49034
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.3 37.9



#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

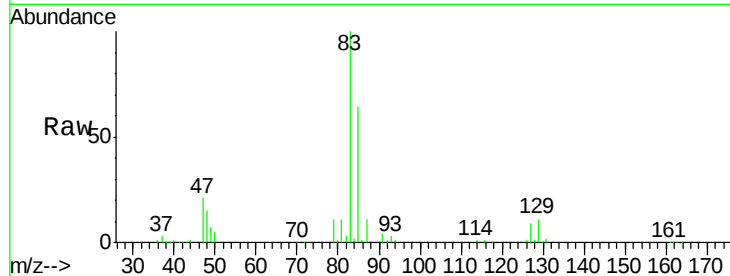
Tgt Ion: 83 Resp: 64773

Ion Ratio Lower Upper

83 100

85 64.3 50.8 76.2

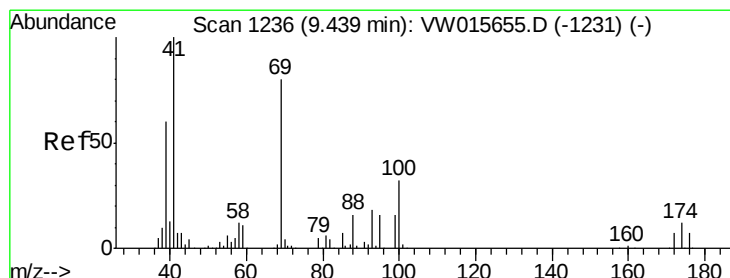
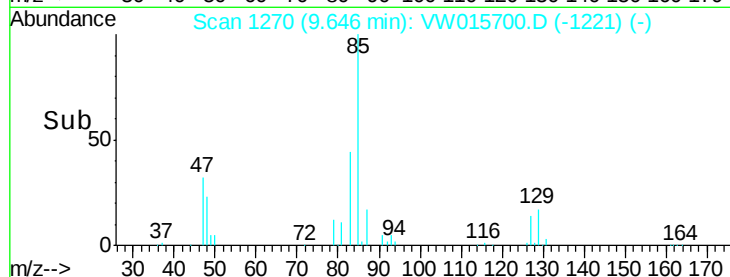
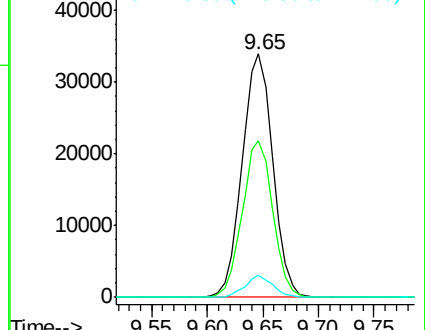
127 9.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#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

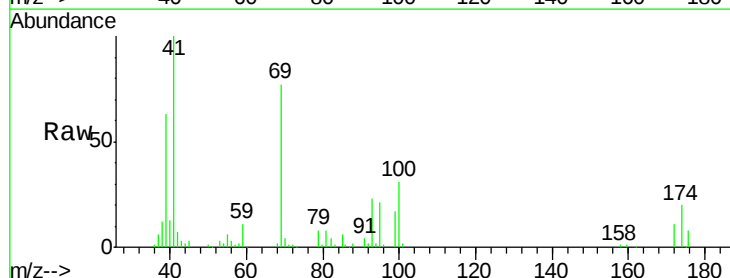
Tgt Ion: 41 Resp: 26724

Ion Ratio Lower Upper

41 100

69 86.3 68.2 102.2

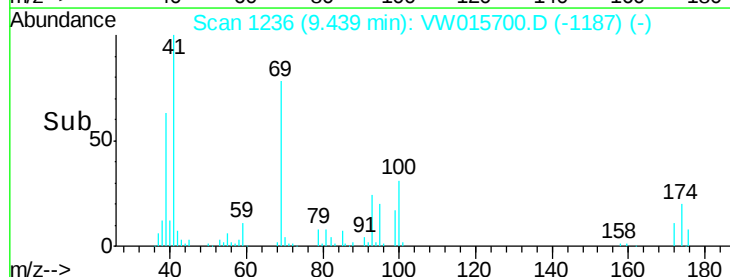
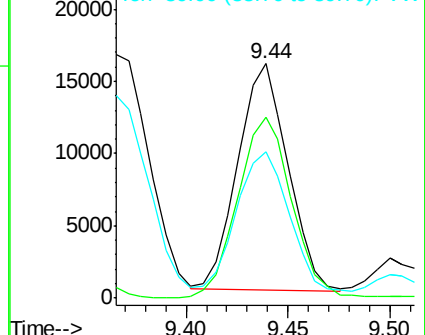
39 72.0 49.8 74.6

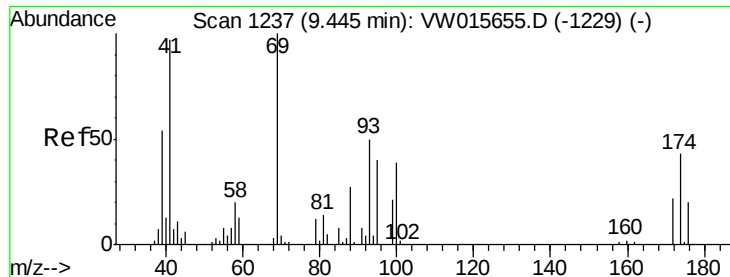


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#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

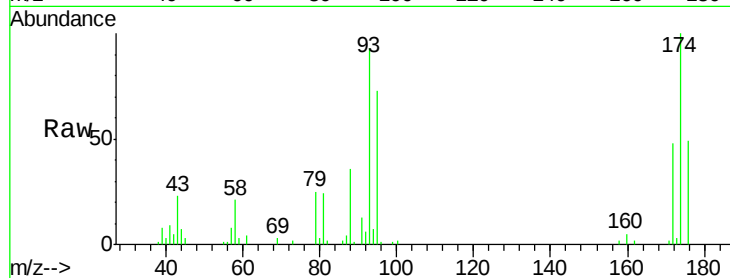
Tgt Ion: 88 Resp: 6082

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

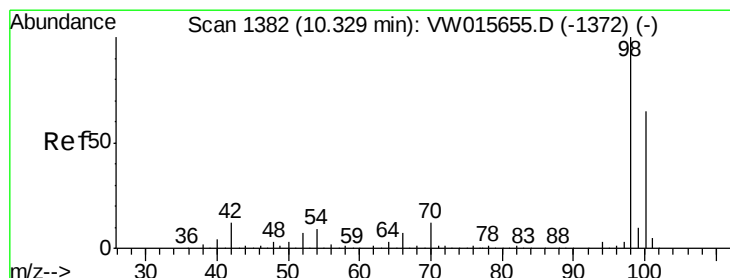
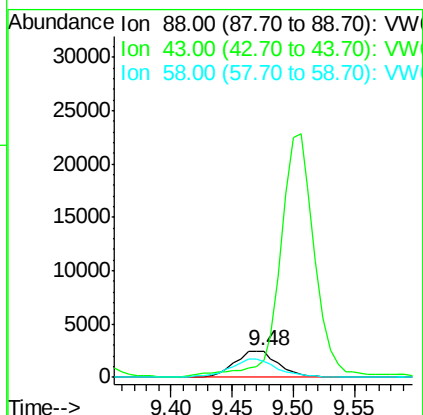
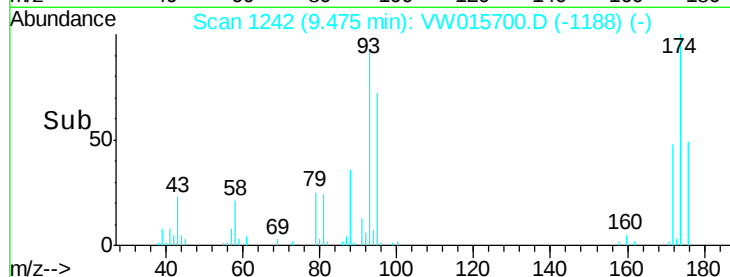
58 73.7 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.047 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015700.D

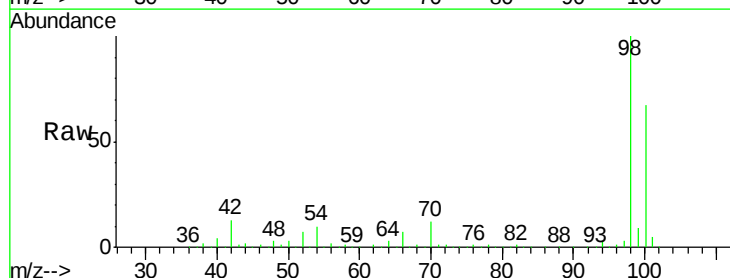
Acq: 24 Jun 2020 23:49

Tgt Ion: 98 Resp: 405743

Ion Ratio Lower Upper

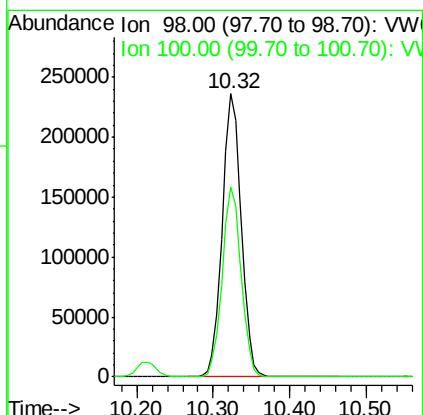
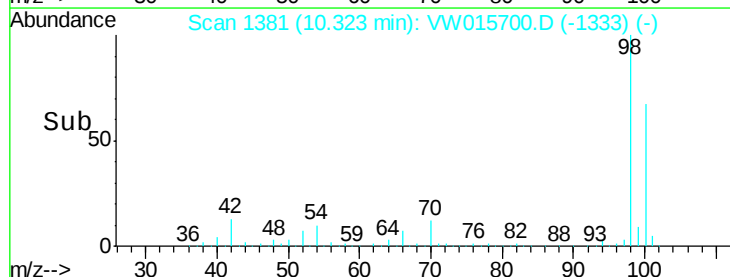
98 100

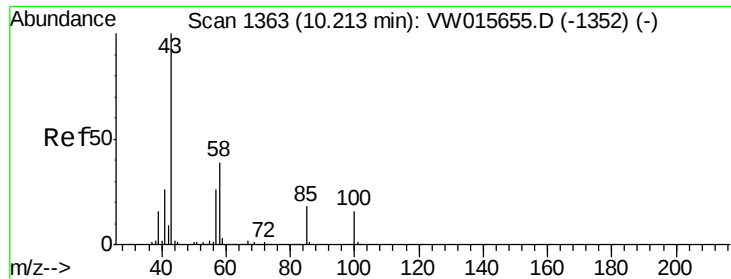
100 66.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

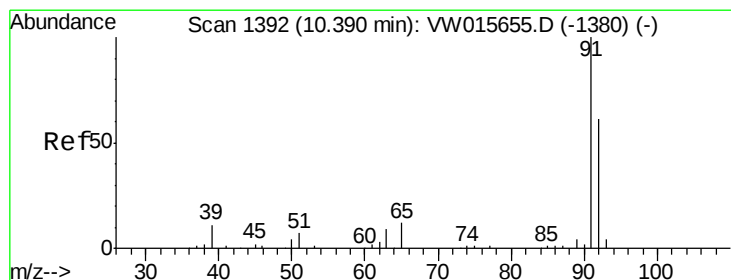
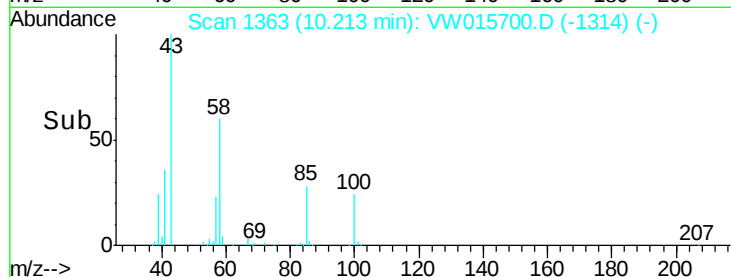
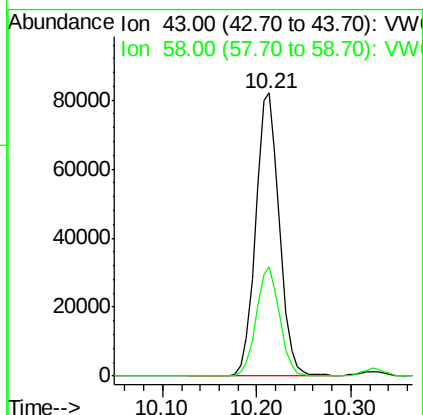
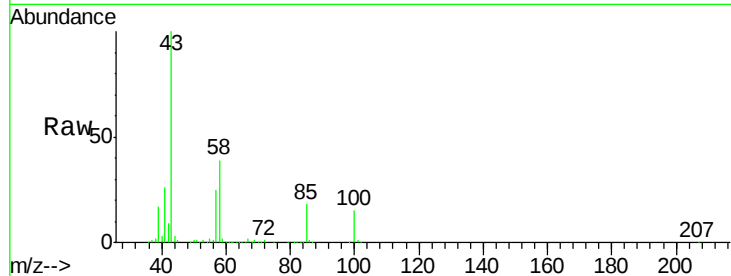




#51
 4-Methyl-2-Pentanone
 Concen: 113.698 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

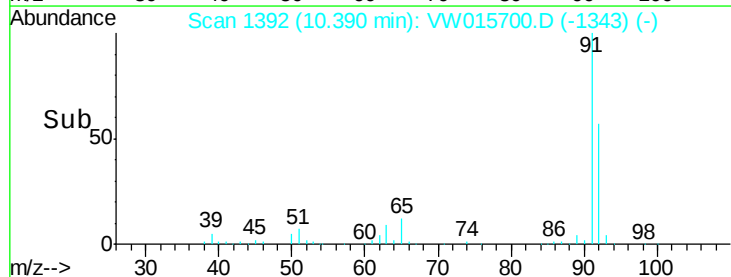
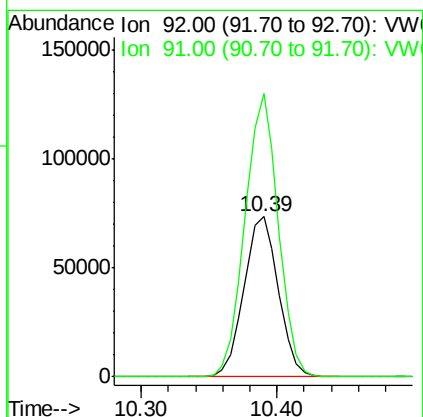
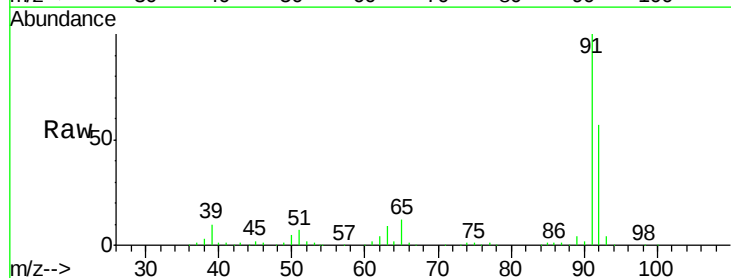
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

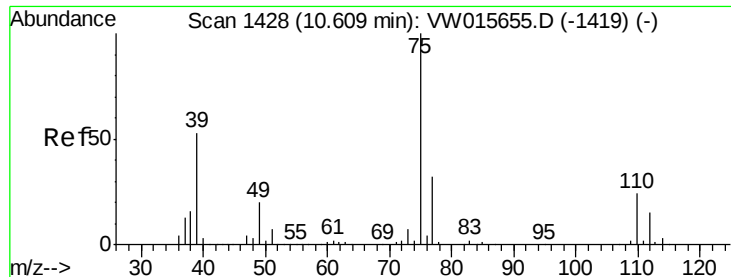
Tgt Ion: 43 Resp: 145214
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.2 46.8



#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

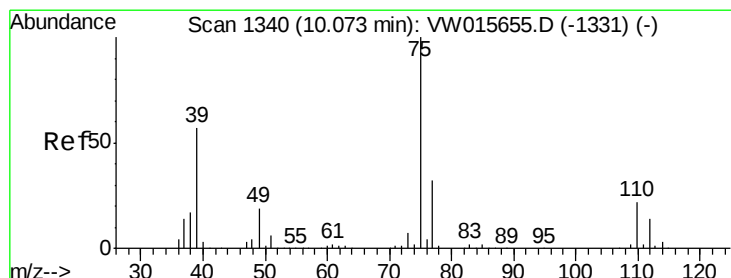
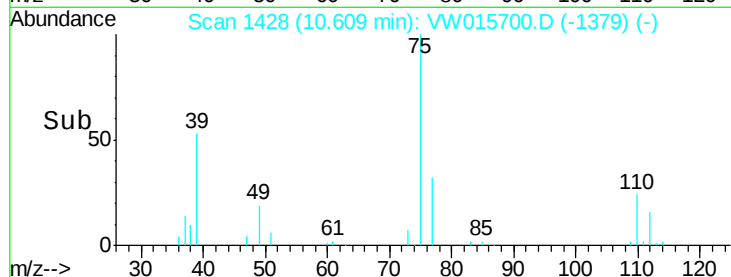
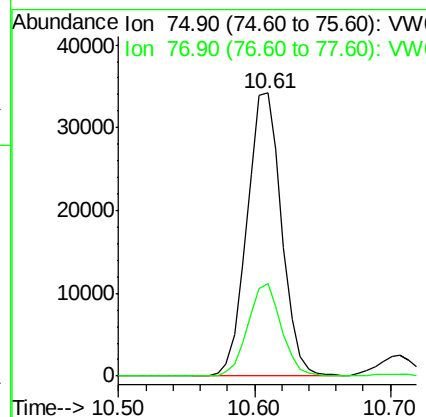
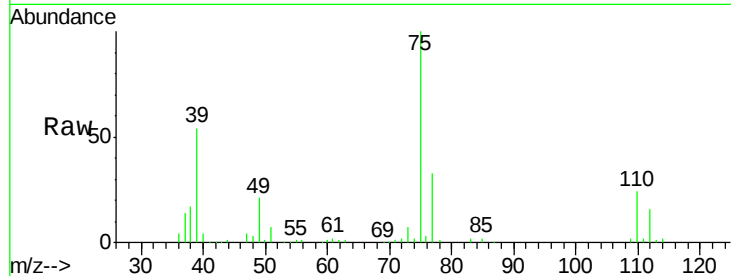




#53
 t-1,3-Dichloropropene
 Concen: 20.209 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

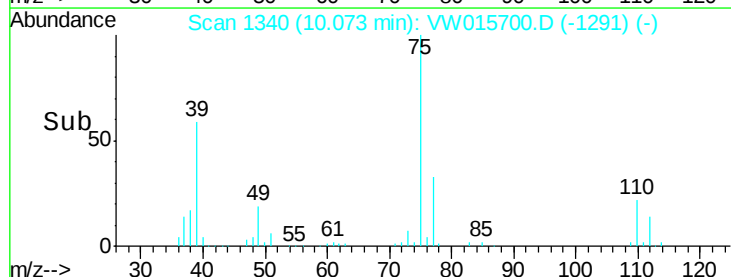
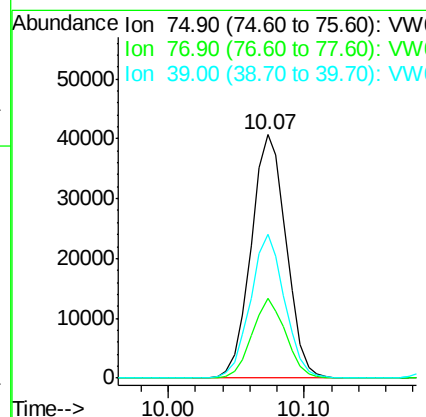
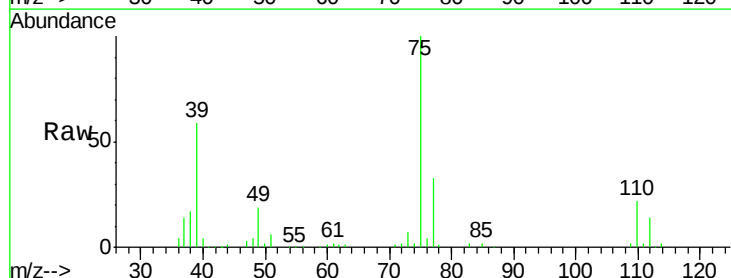
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

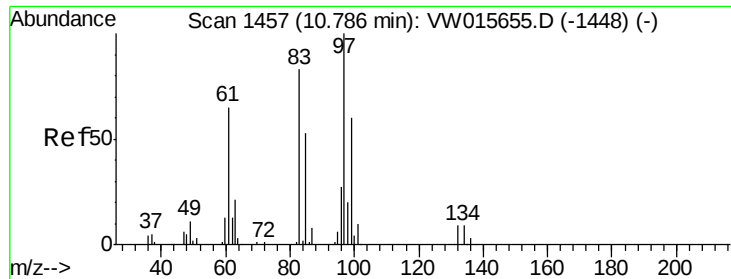
Tgt Ion: 75 Resp: 60867
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#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

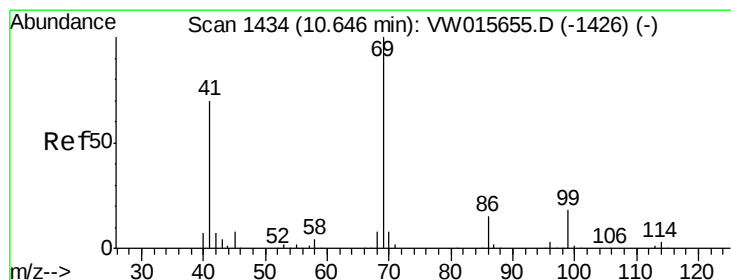
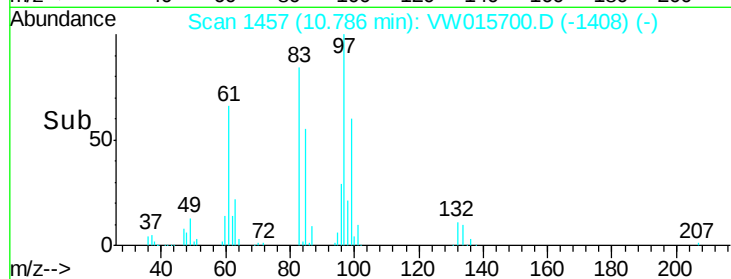
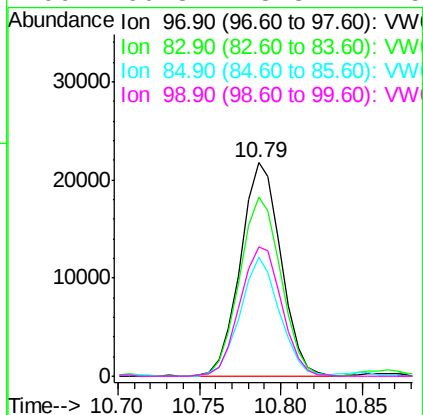
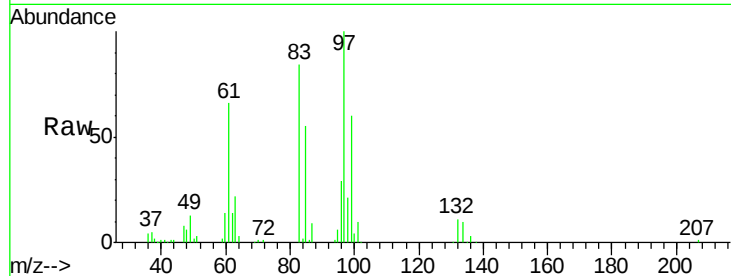




#55
 1,1,2-Trichloroethane
 Concen: 22.629 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

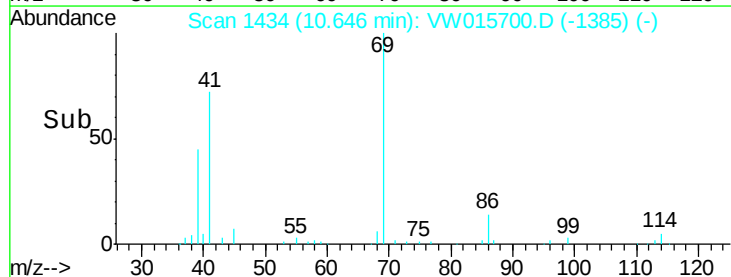
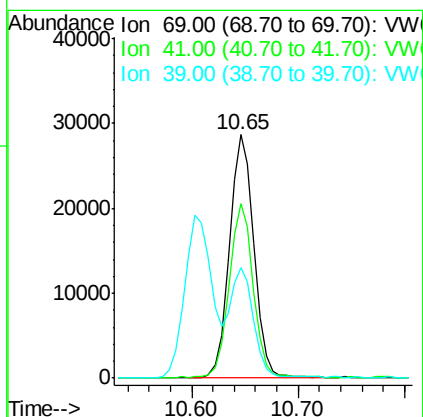
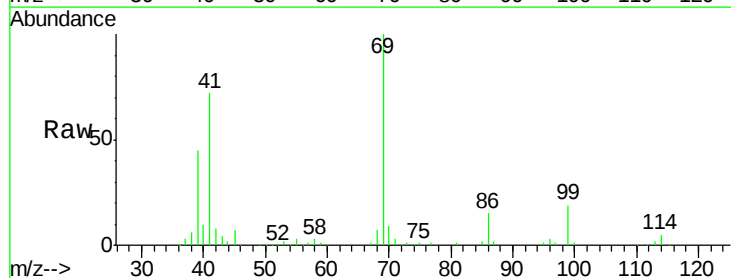
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

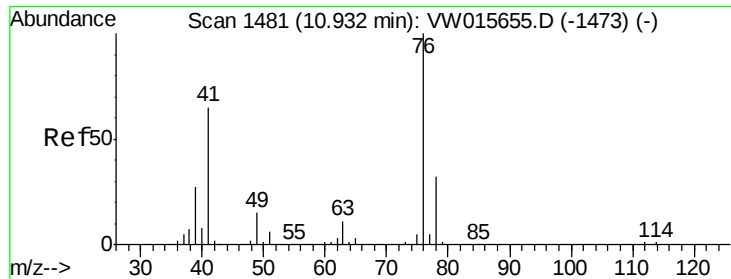
Tgt Ion:	97	Resp:	37606
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.3	99.5
85	55.5	42.5	63.7
99	60.3	48.3	72.5



#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

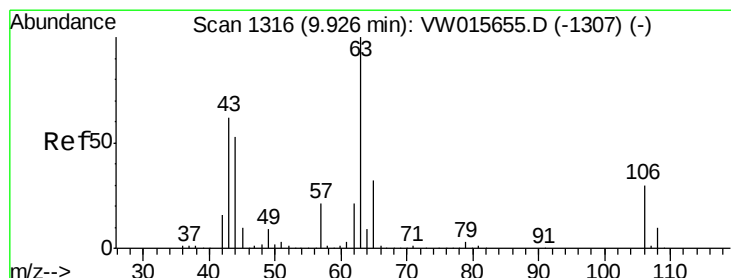
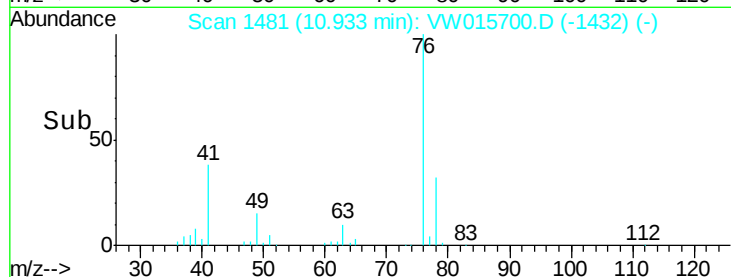
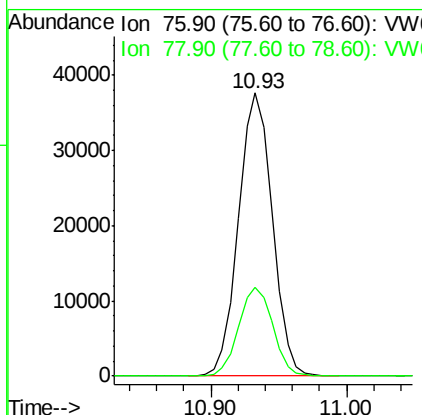
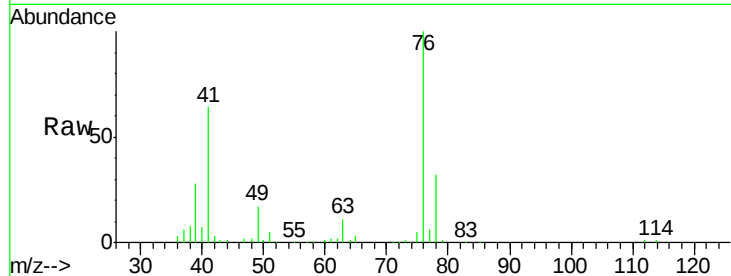




#57
 1,3-Dichloropropane
 Concen: 22.273 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

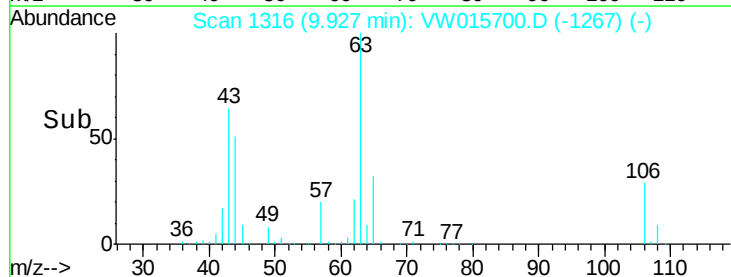
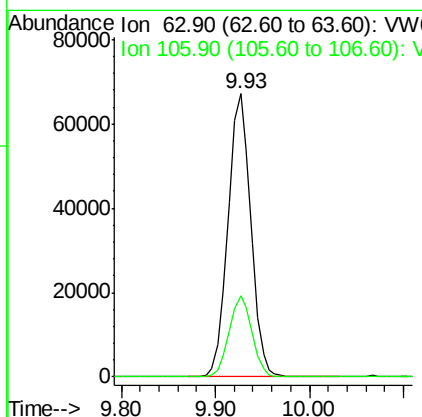
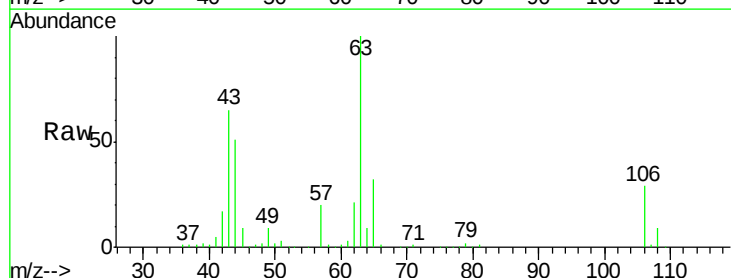
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

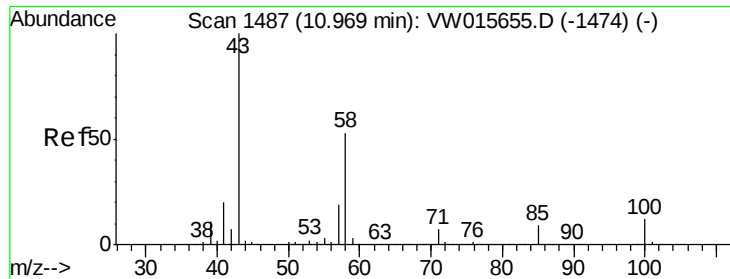
Tgt Ion: 76 Resp: 65619
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2



#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 :

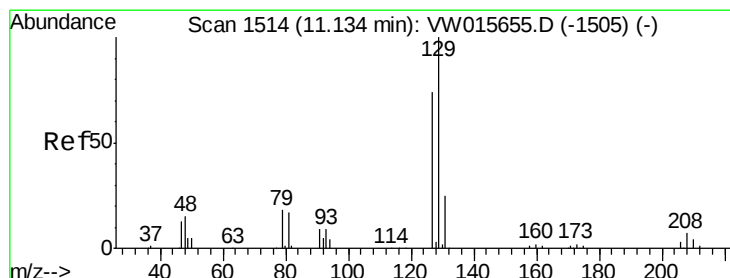
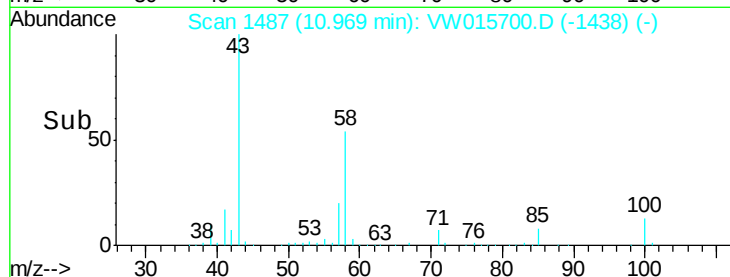
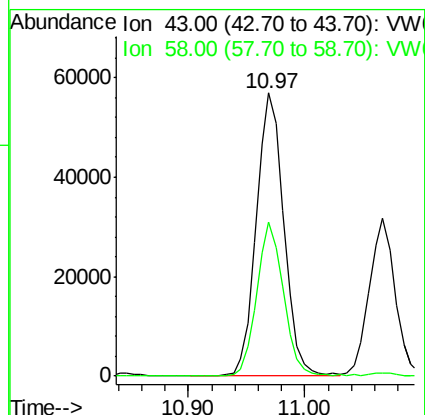
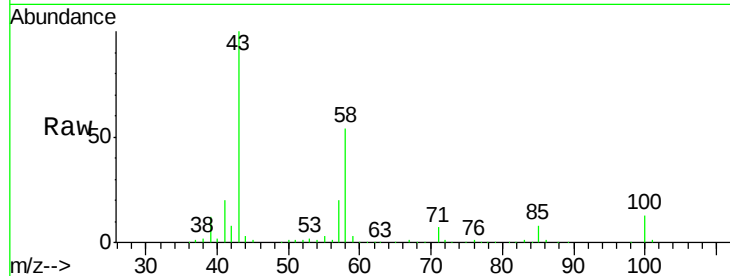
VW0624SBS02

Tgt Ion: 43 Resp: 94329

Ion Ratio Lower Upper

43 100

58 52.7 26.5 79.4



#60

Dibromochloromethane

Concen: 21.841 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW015700.D

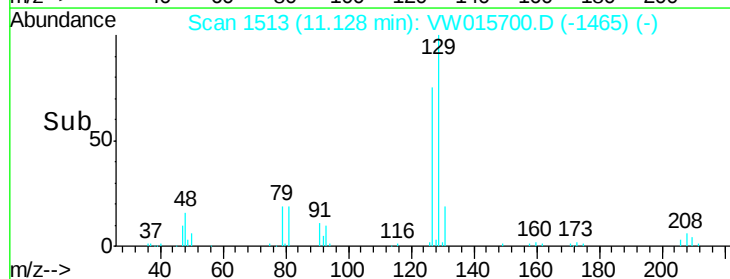
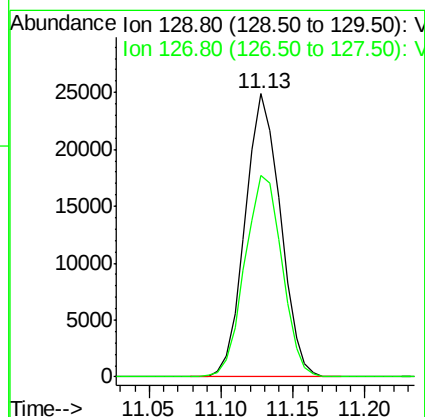
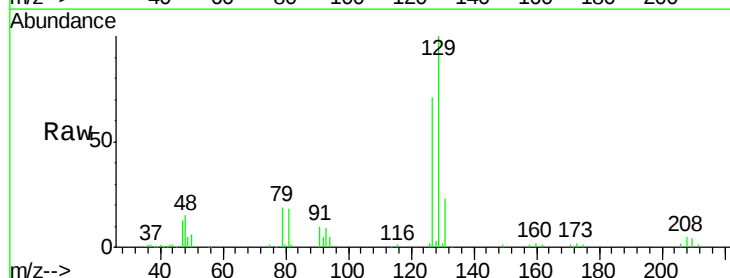
Acq: 24 Jun 2020 23:49

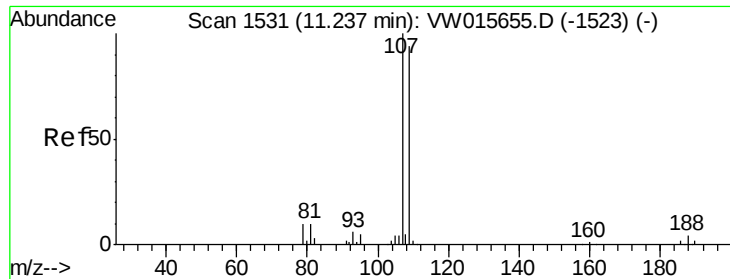
Tgt Ion: 129 Resp: 42296

Ion Ratio Lower Upper

129 100

127 74.8 38.0 114.1

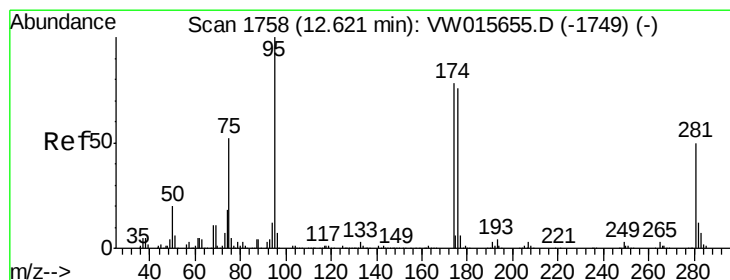
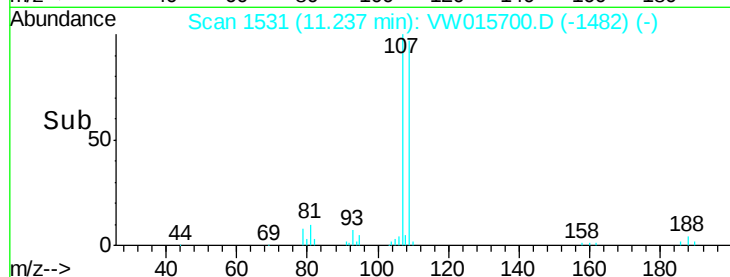
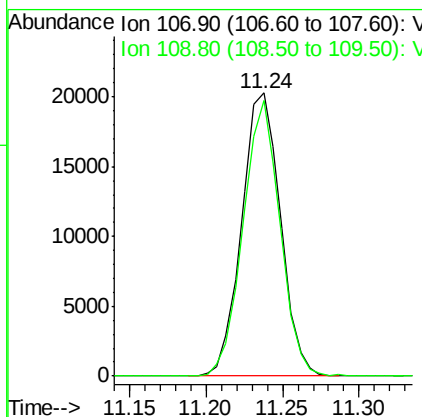
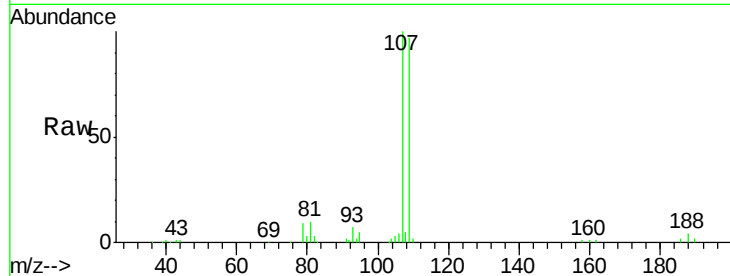




#61
 1,2-Dibromoethane
 Concen: 22.491 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

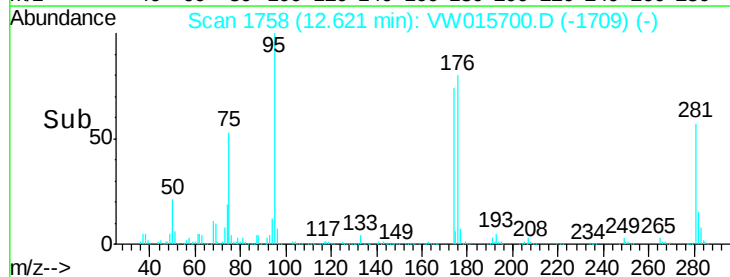
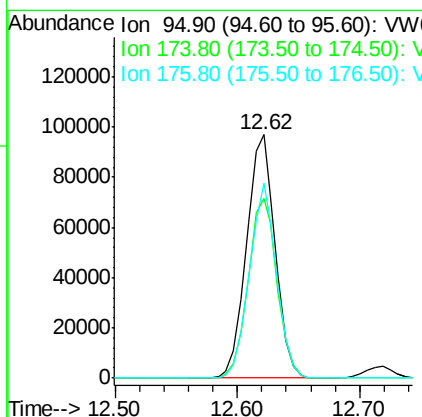
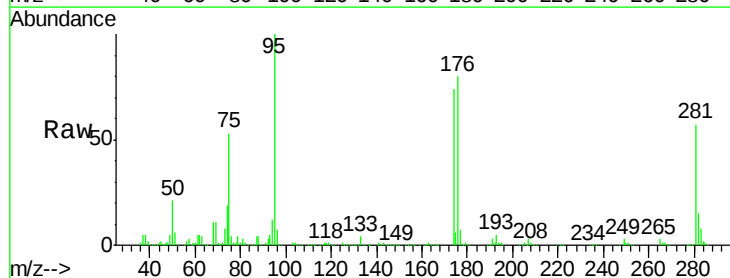
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

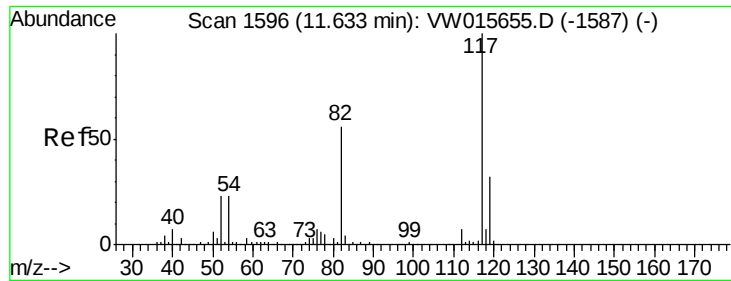
Tgt Ion: 107 Resp: 35726
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.9 112.3



#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: 95 Resp: 157025
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 157.0
 176 76.3 0.0 151.4

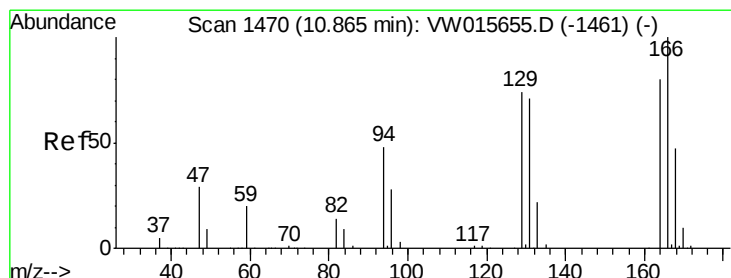
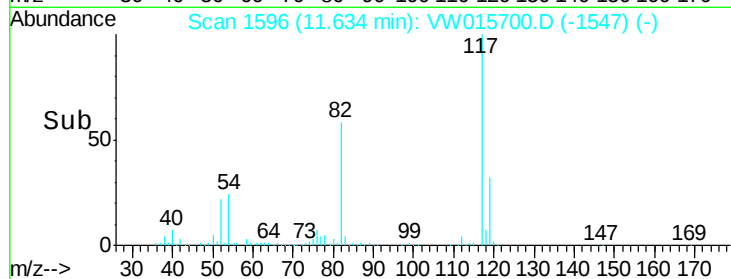
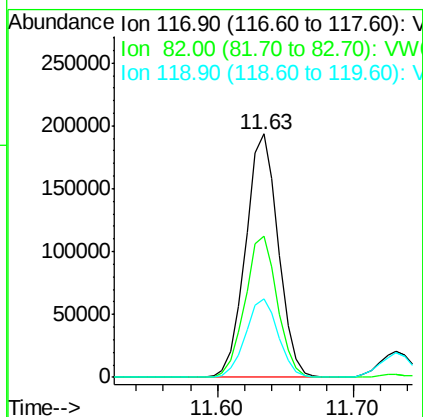
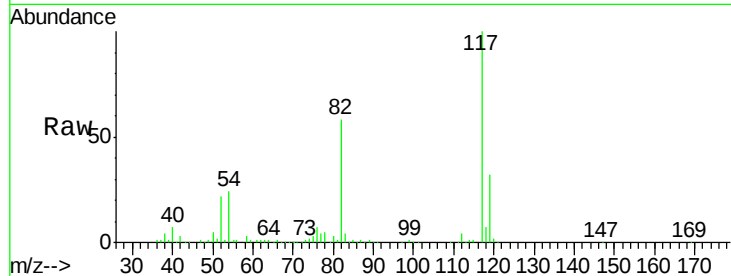




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

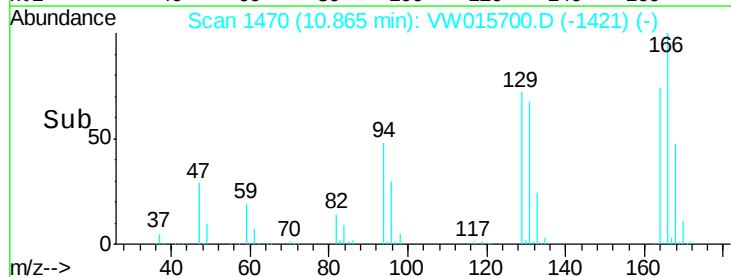
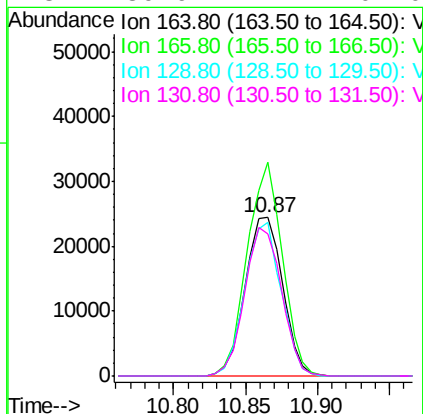
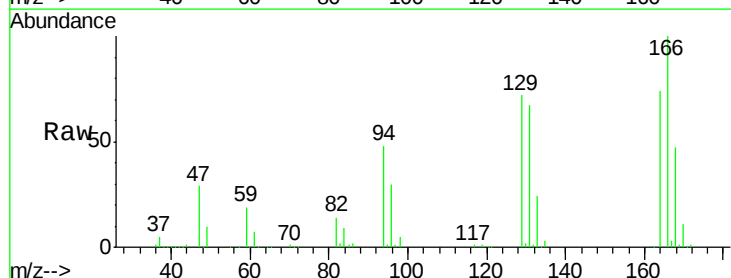
Instrument :
MSVOA_W
ClientSampled :
VW0624SBS02

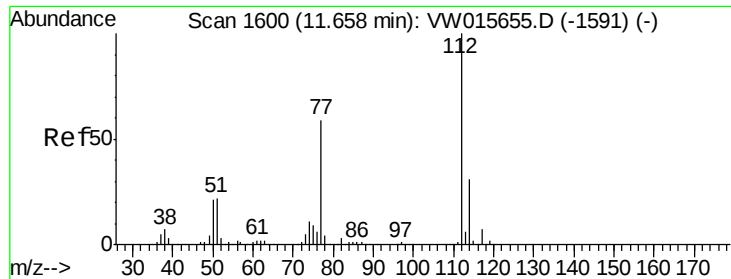
Tgt Ion:117 Resp: 324812
Ion Ratio Lower Upper
117 100
82 58.2 45.1 67.7
119 32.1 25.8 38.8



#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:164 Resp: 44090
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

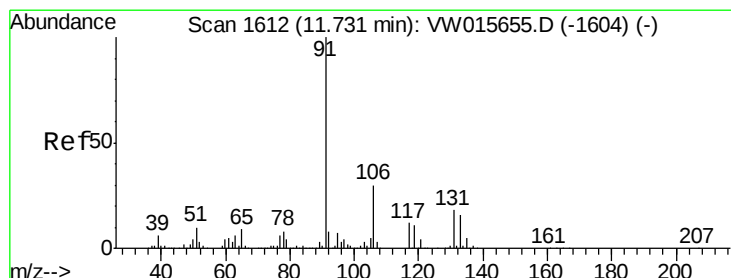
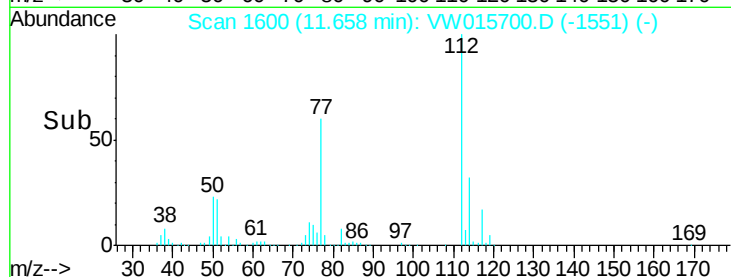
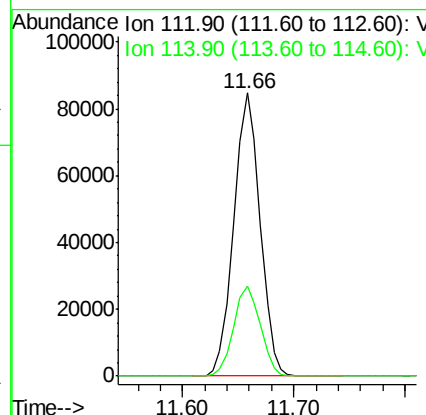
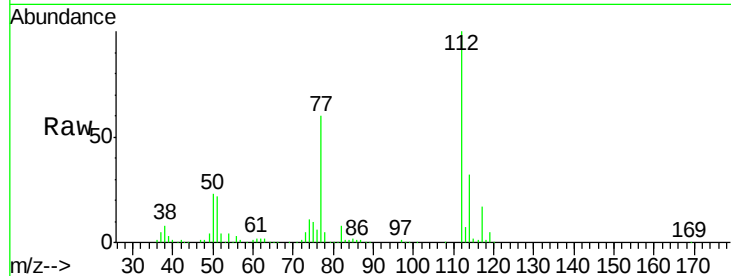




#65
Chlorobenzene
Concen: 20.254 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

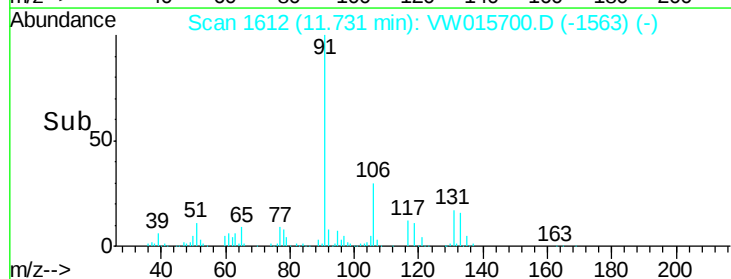
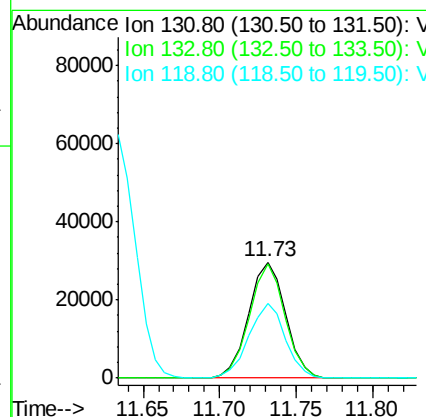
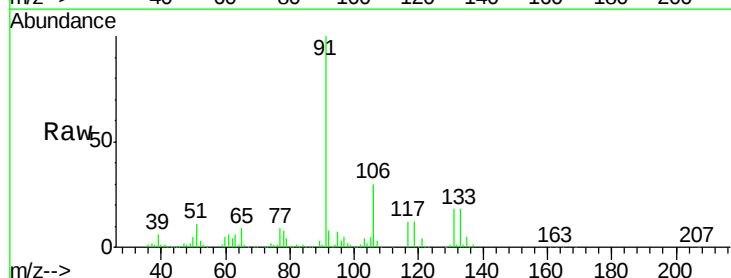
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

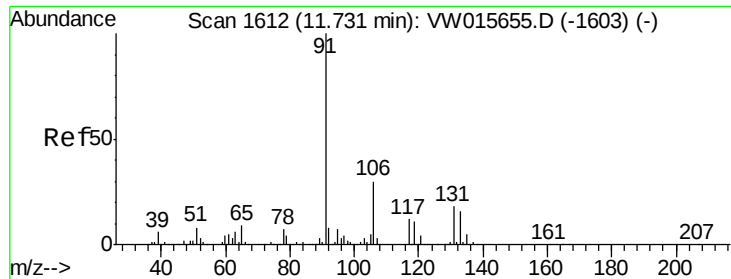
Tgt Ion:112 Resp: 138708
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#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

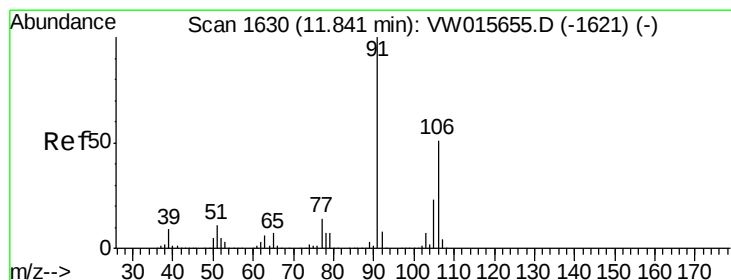
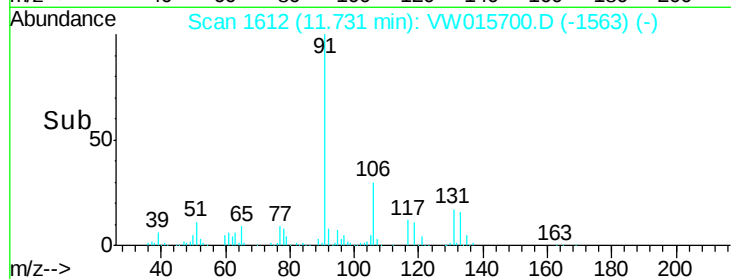
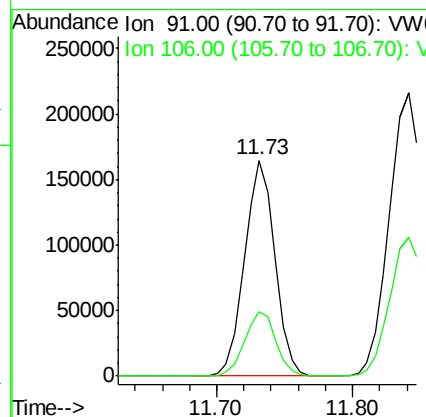
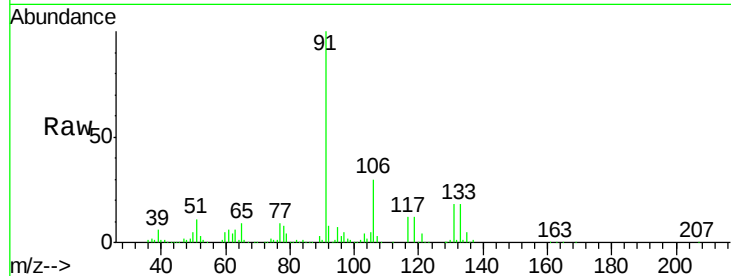




#67
Ethyl Benzene
Concen: 20.062 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

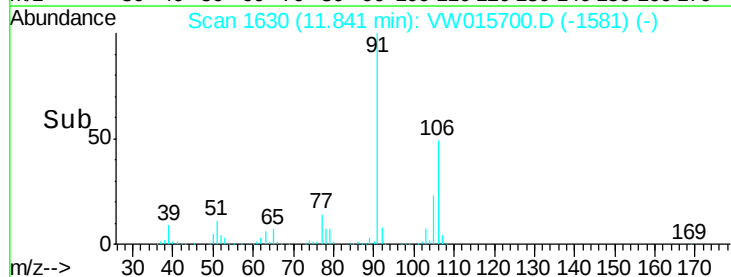
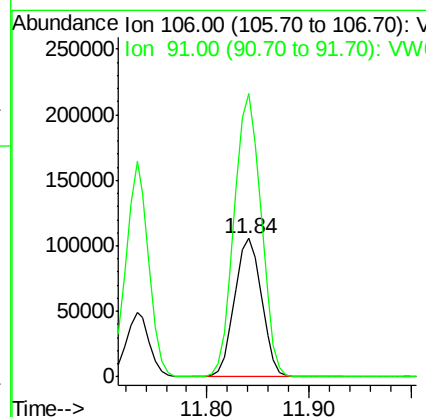
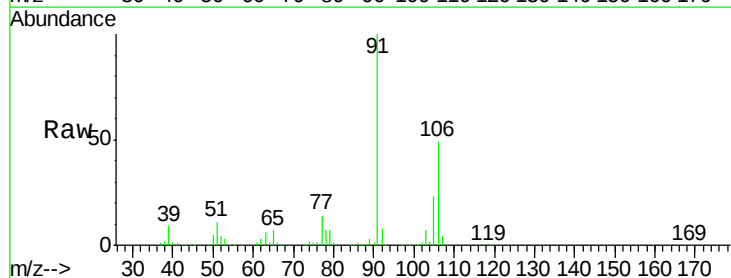
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

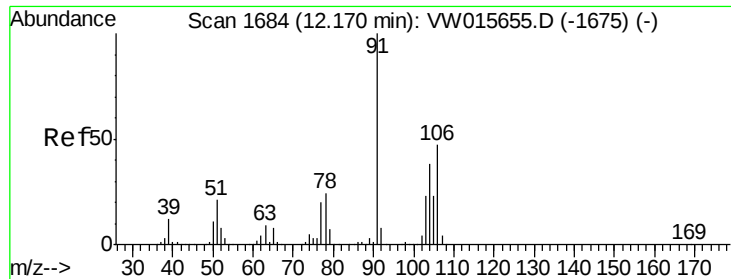
Tgt Ion: 91 Resp: 255699
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



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

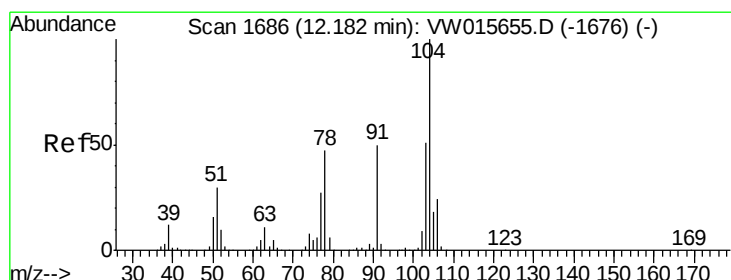
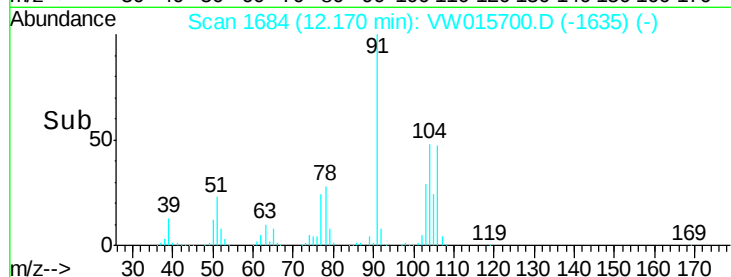
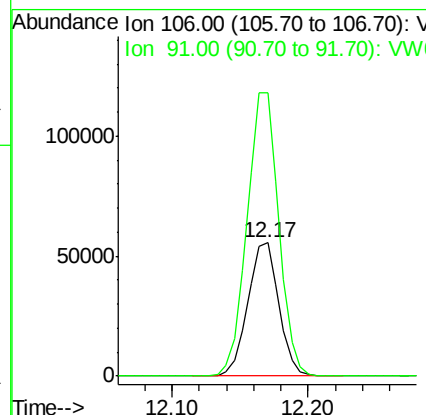
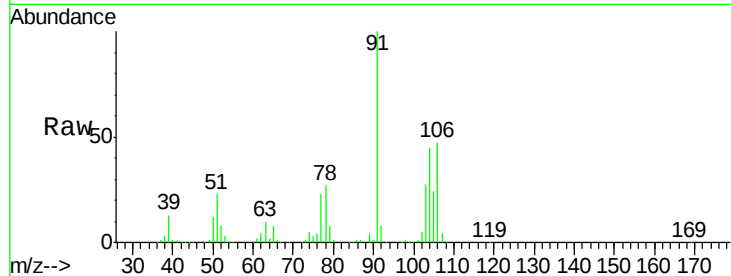




#69
o-Xylene
Concen: 20.181 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

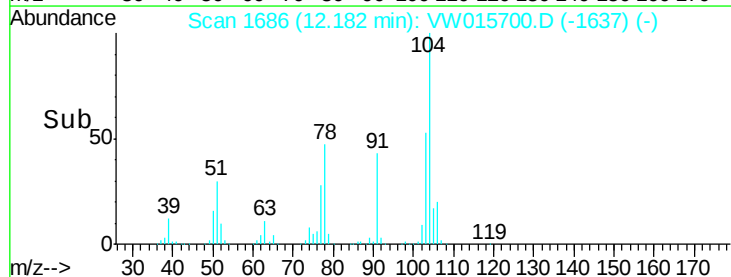
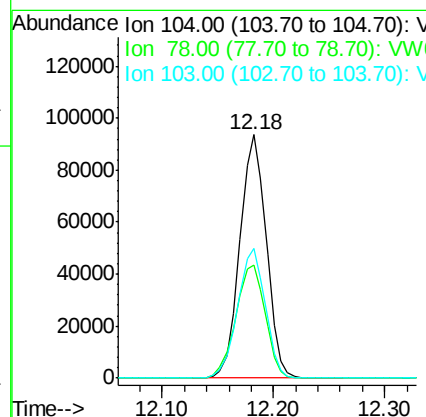
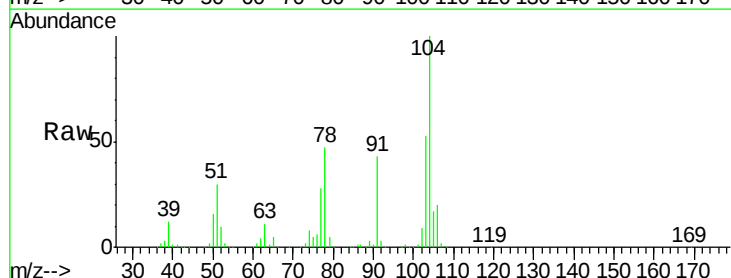
Instrument :
MSVOA_W
ClientSampled :
VW0624SBS02

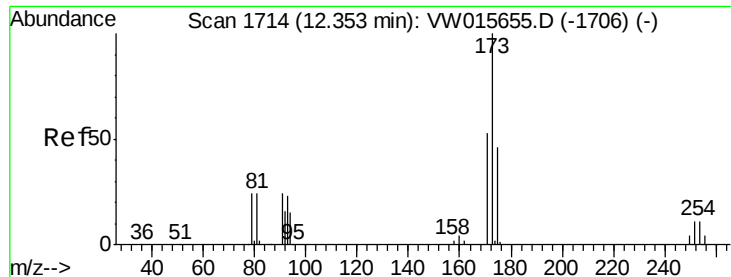
Tgt Ion:106 Resp: 88804
Ion Ratio Lower Upper
106 100
91 217.6 108.3 324.9



#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:104 Resp: 154151
Ion Ratio Lower Upper
104 100
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

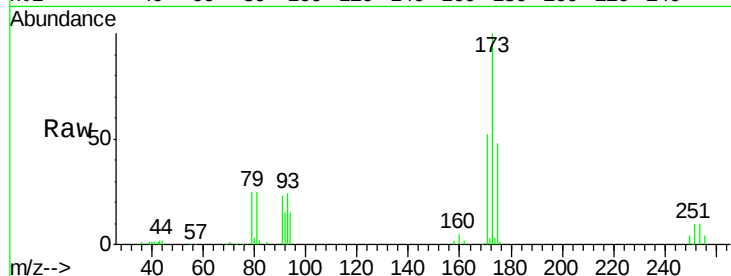
Tgt Ion:173 Resp: 22599

Ion Ratio Lower Upper

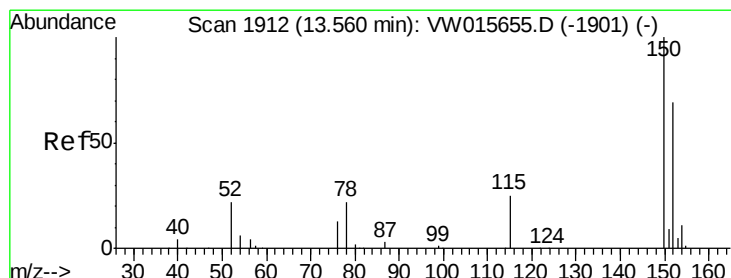
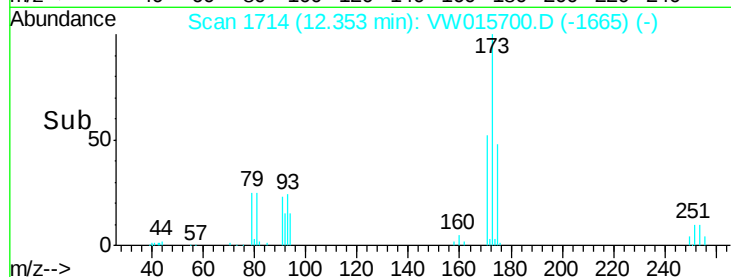
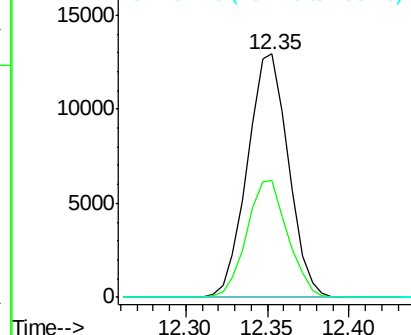
173 100

175 48.1 23.5 70.6

254 0.0 0.1 0.1#



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

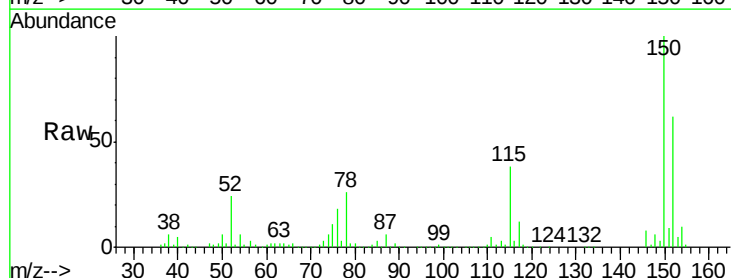
Tgt Ion:152 Resp: 165880

Ion Ratio Lower Upper

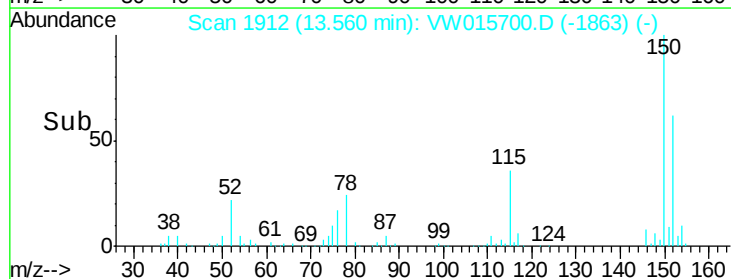
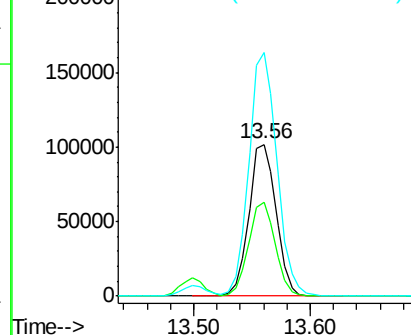
152 100

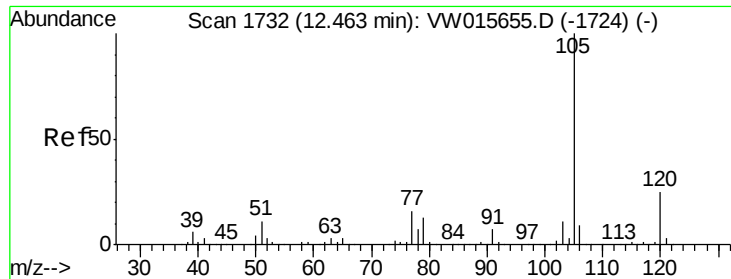
115 60.8 30.1 90.5

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 :

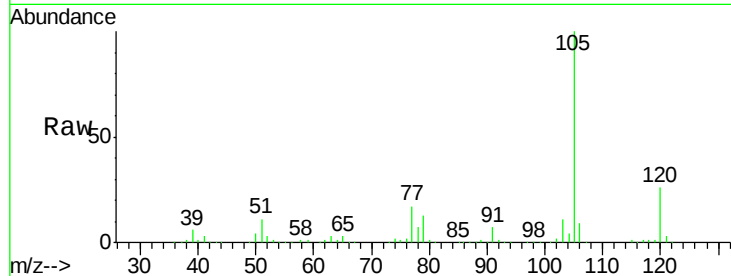
VW0624SBS02

Tgt Ion:105 Resp: 246346

Ion Ratio Lower Upper

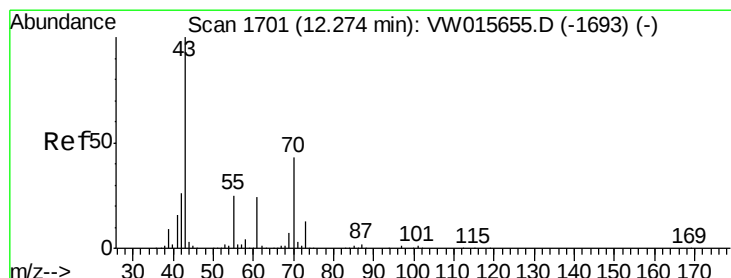
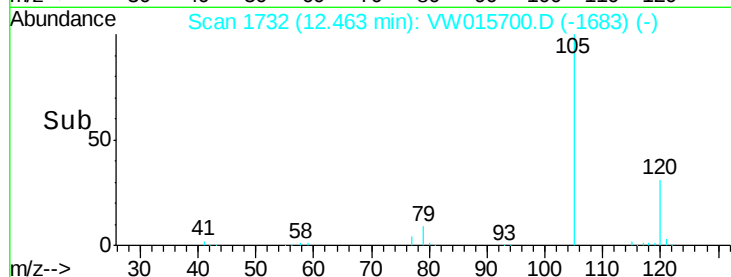
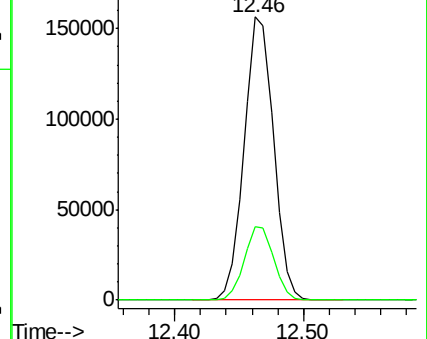
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

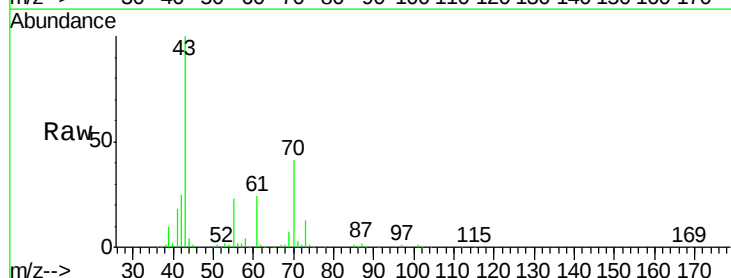
Ion Ratio Lower Upper

43 100

70 41.9 33.6 50.4

55 25.2 19.7 29.5

61 23.3 18.7 28.1

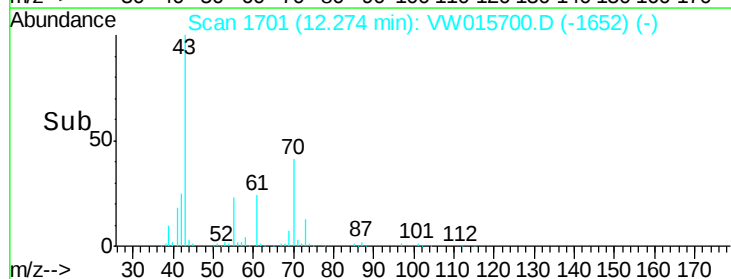
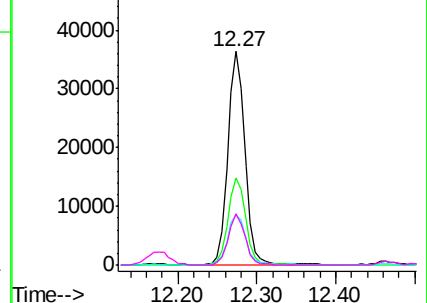


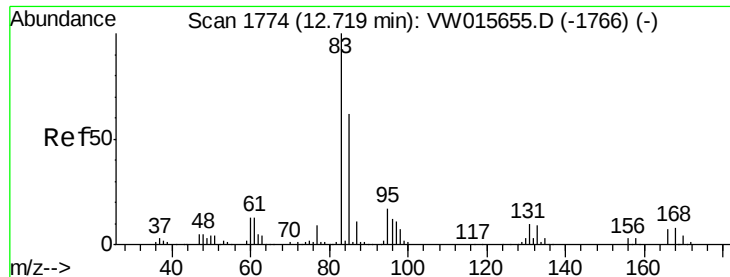
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#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

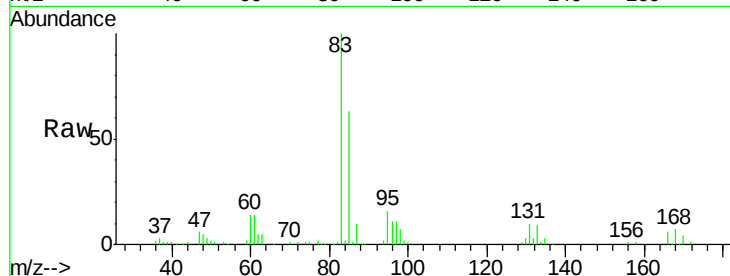
Tgt Ion: 83 Resp: 43434

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

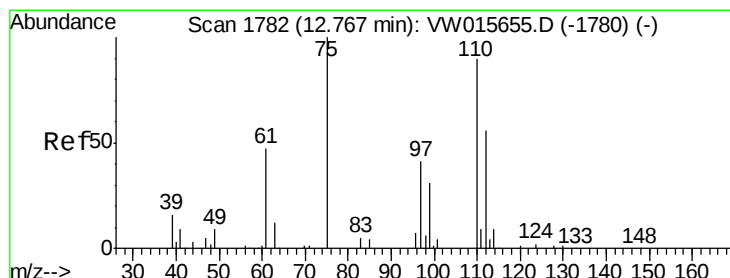
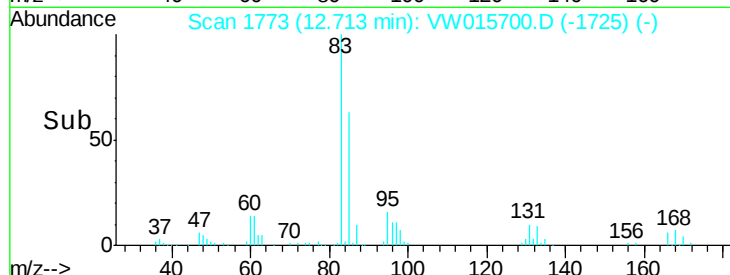
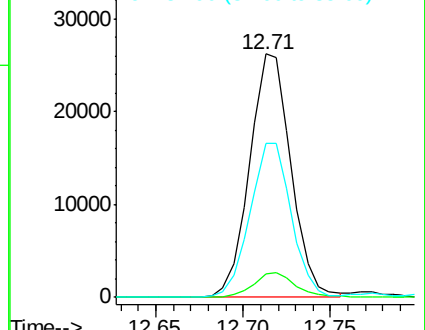
85 63.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.806 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015700.D

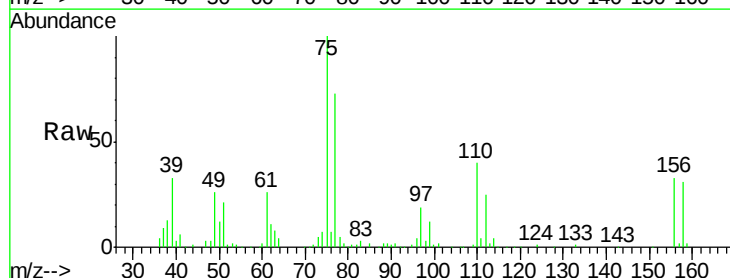
Acq: 24 Jun 2020 23:49

Tgt Ion: 75 Resp: 54177

Ion Ratio Lower Upper

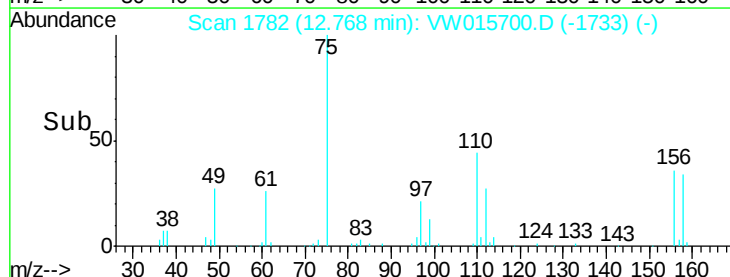
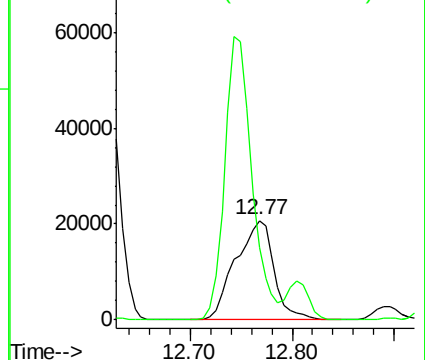
75 100

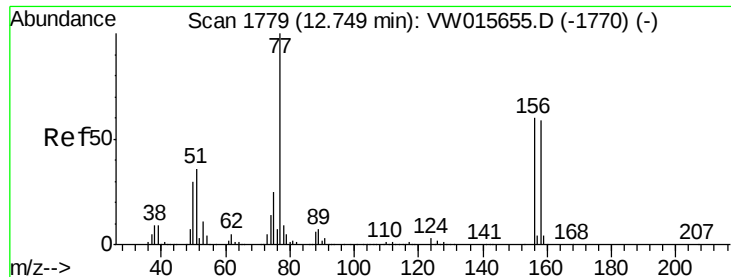
77 0.0 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#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

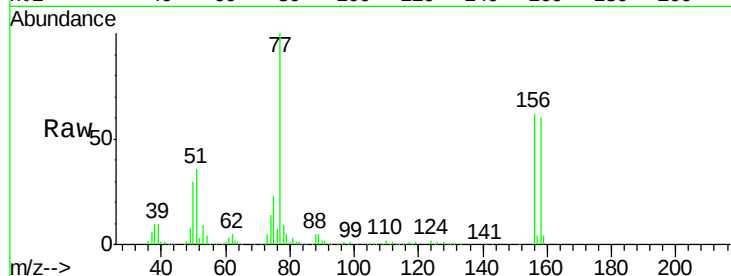
Tgt Ion:156 Resp: 58501

Ion Ratio Lower Upper

156 100

77 186.6 94.5 283.5

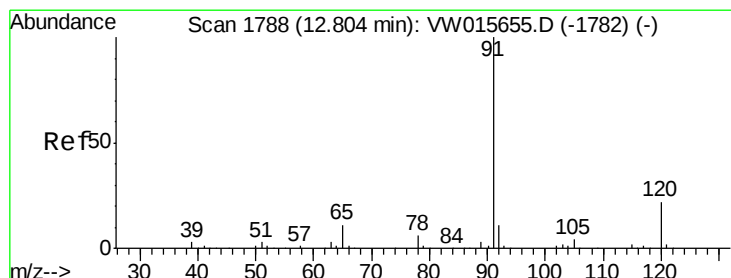
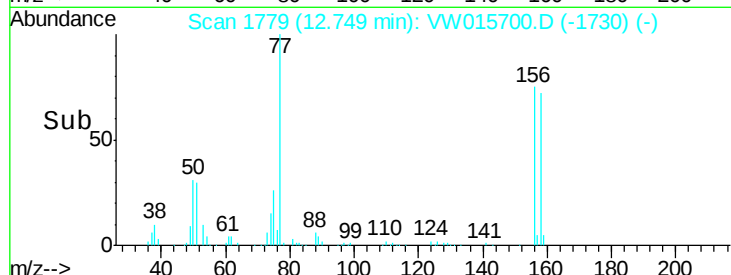
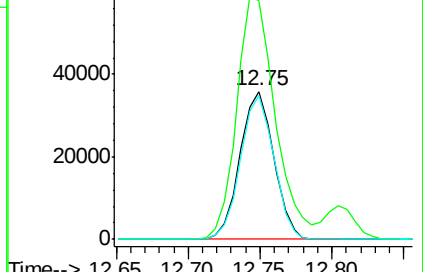
158 95.8 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.728 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015700.D

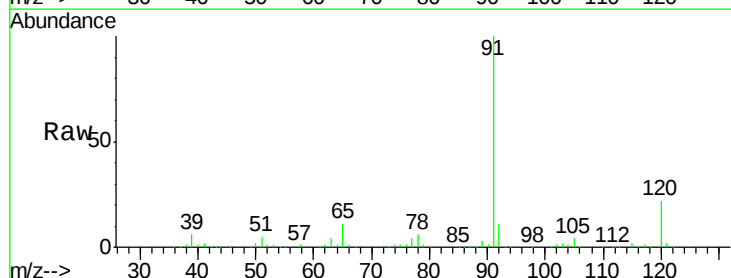
Acq: 24 Jun 2020 23:49

Tgt Ion: 91 Resp: 300479

Ion Ratio Lower Upper

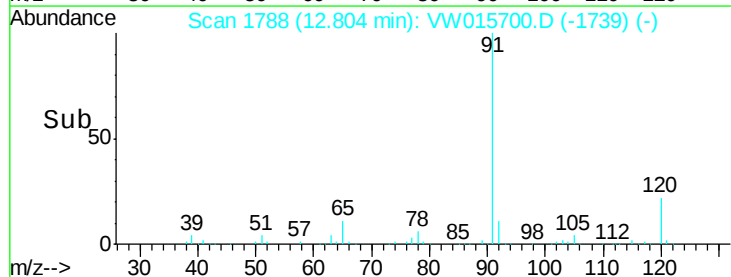
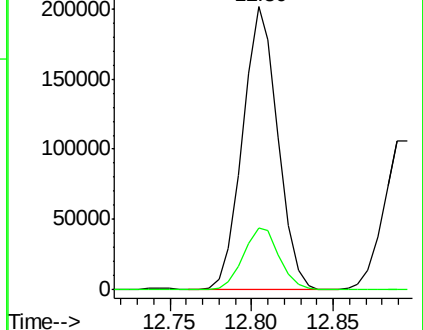
91 100

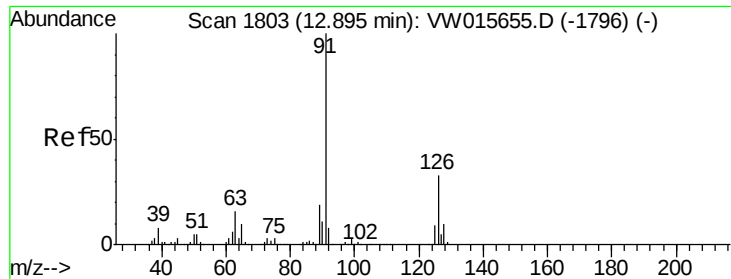
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 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 :

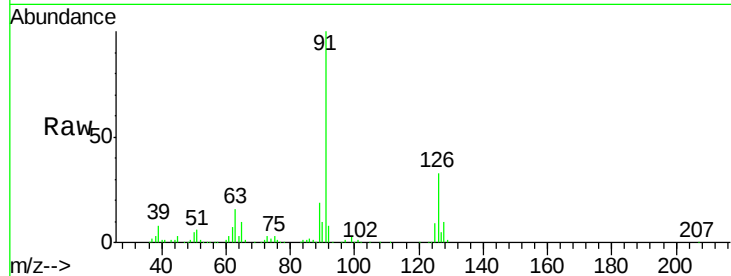
VW0624SBS02

Tgt Ion: 91 Resp: 175320

Ion Ratio Lower Upper

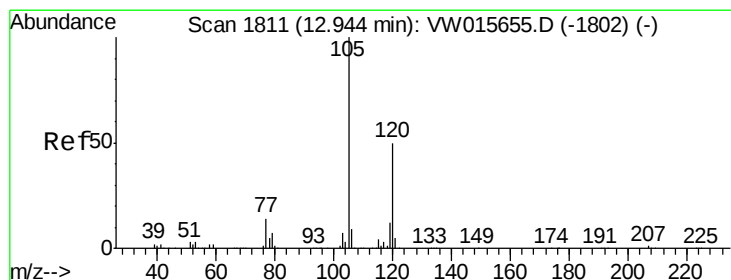
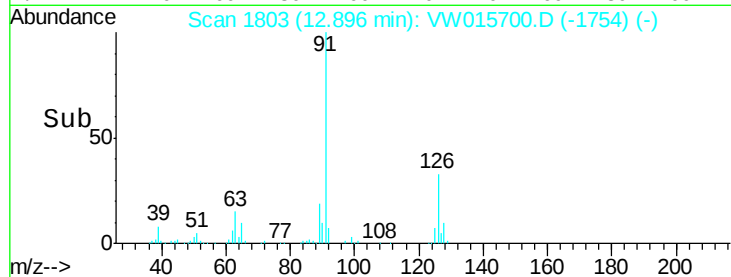
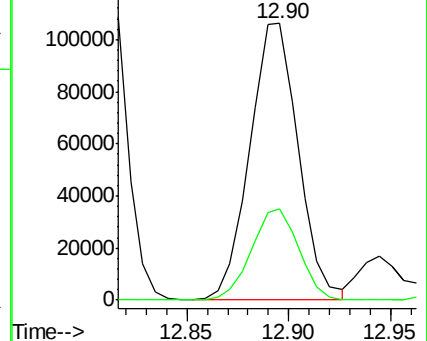
91 100

126 32.4 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.062 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015700.D

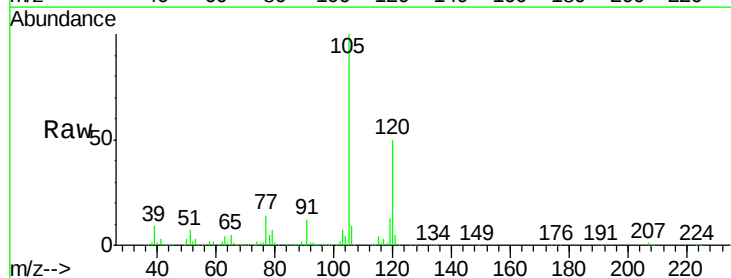
Acq: 24 Jun 2020 23:49

Tgt Ion: 105 Resp: 215111

Ion Ratio Lower Upper

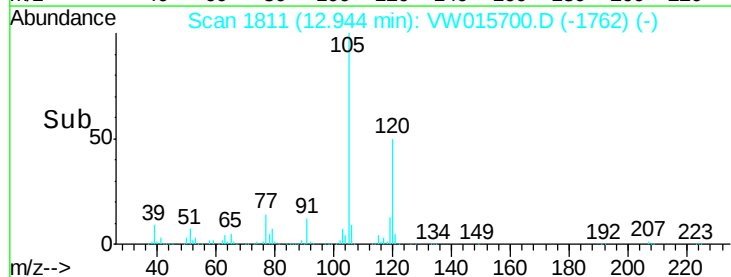
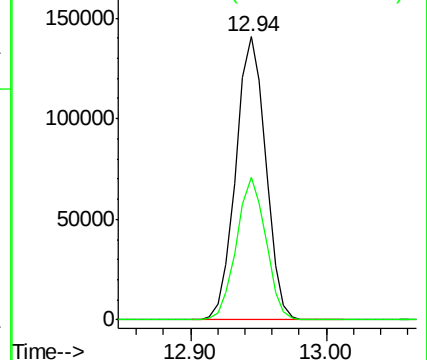
105 100

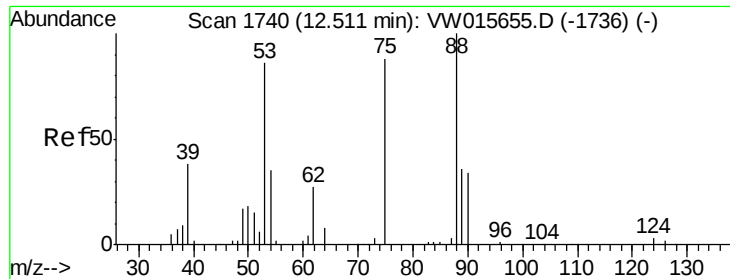
120 49.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

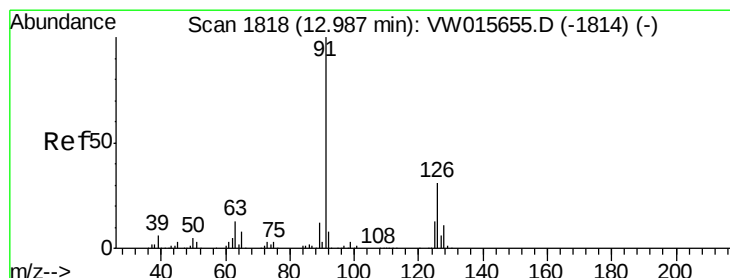
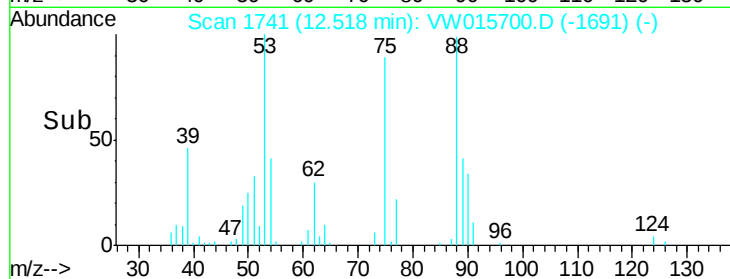
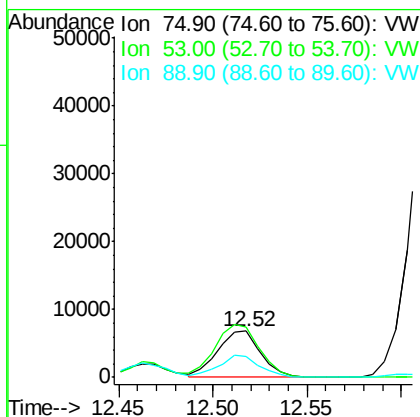
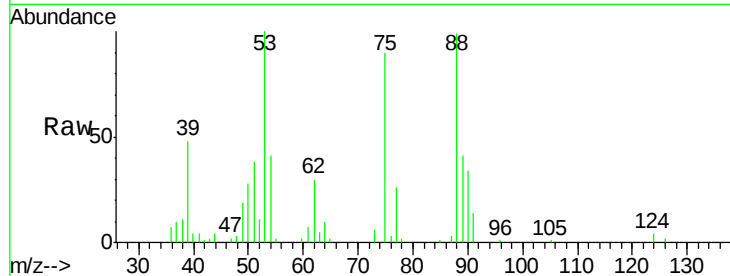




#81
trans-1,4-Dichloro-2-butene
Concen: 18.207 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

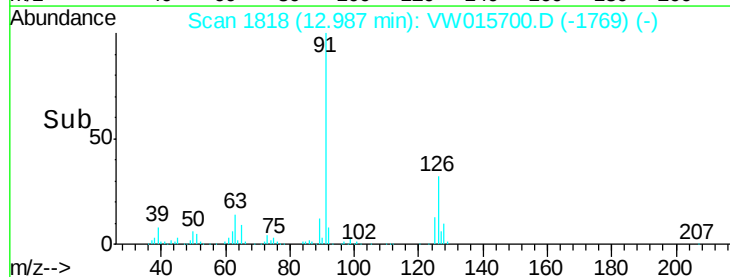
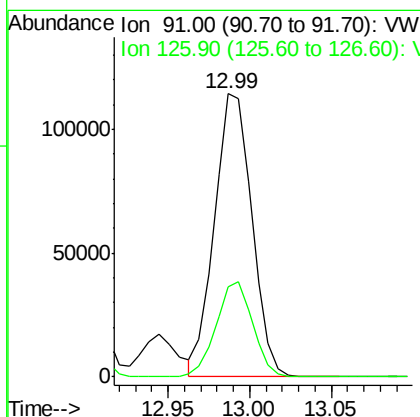
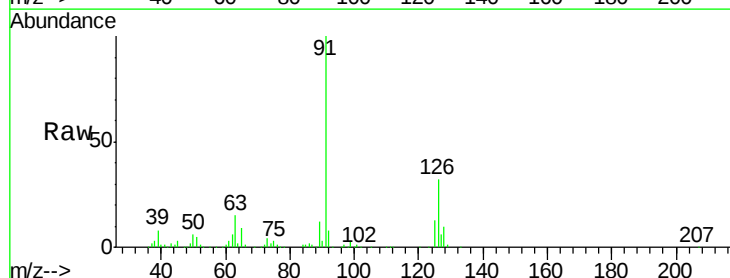
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

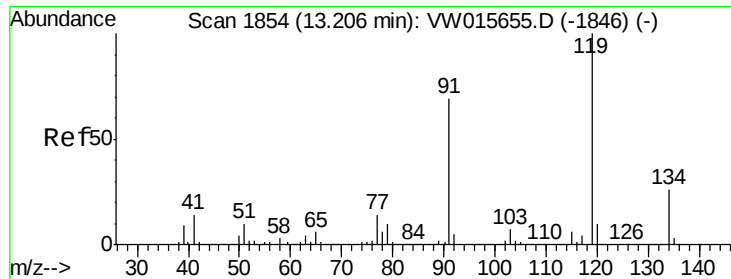
Tgt Ion: 75 Resp: 10932
Ion Ratio Lower Upper
75 100
53 117.7 83.8 125.8
89 44.2 36.6 55.0



#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: 91 Resp: 182647
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9

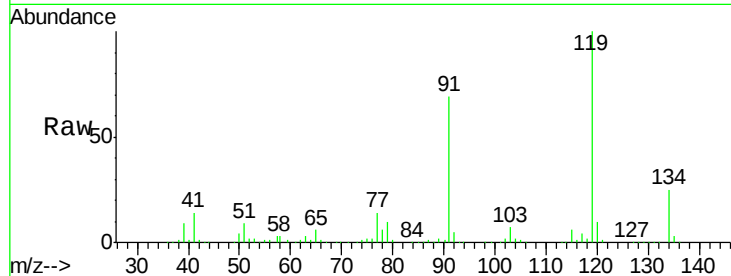




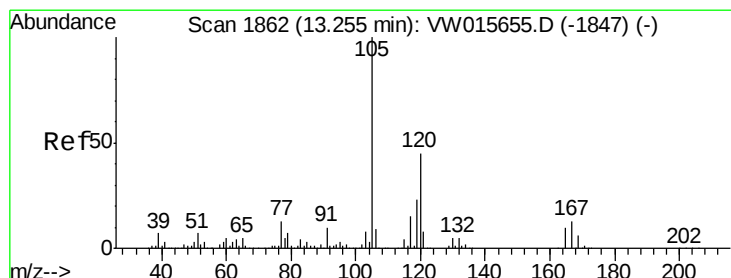
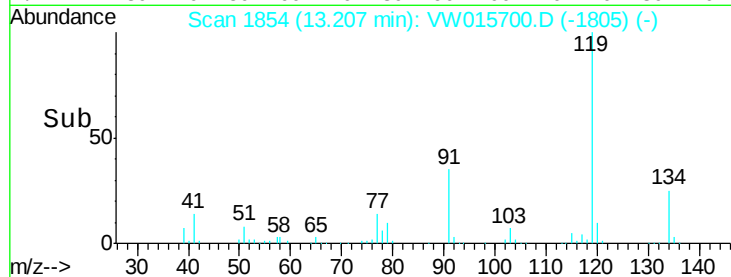
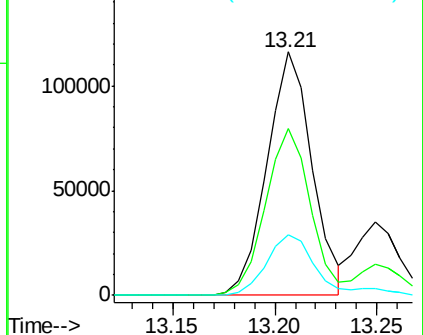
#83
 tert-Butylbenzene
 Concen: 19.730 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tgt Ion:119 Resp: 178747
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.7 104.1
 134 25.8 13.8 41.4

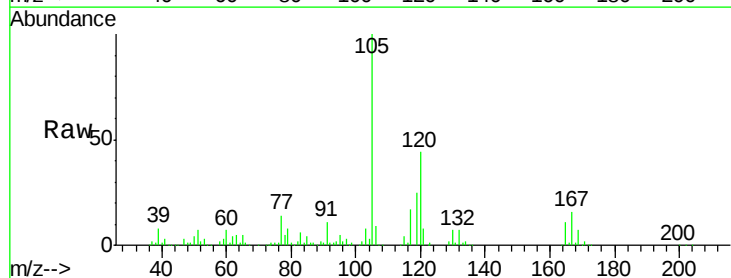


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

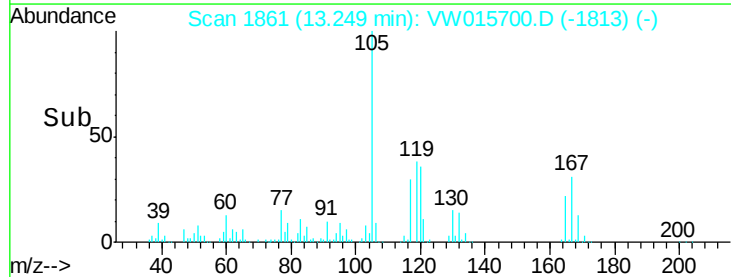
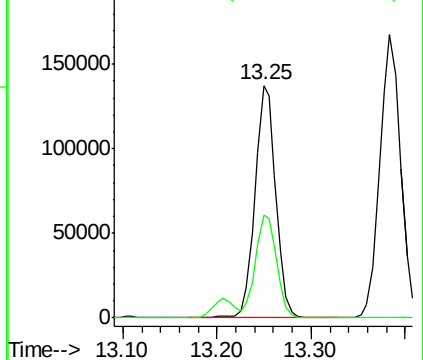


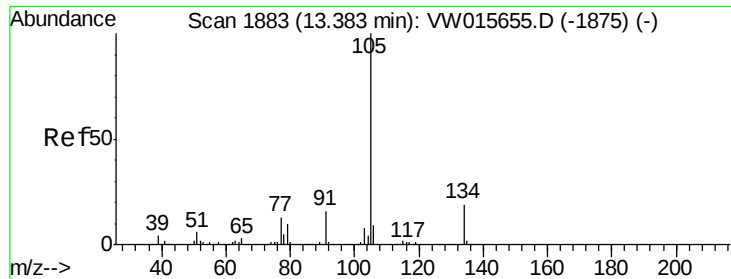
#84
 1,2,4-Trimethylbenzene
 Concen: 20.023 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

Tgt Ion:105 Resp: 214100
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

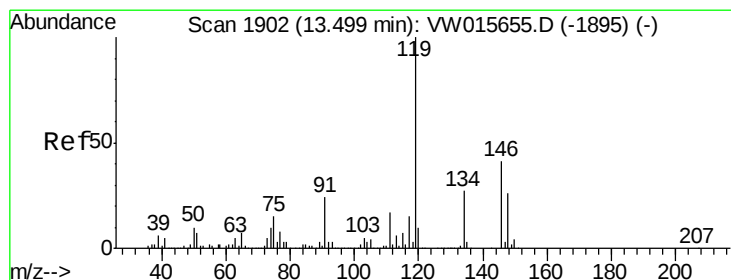
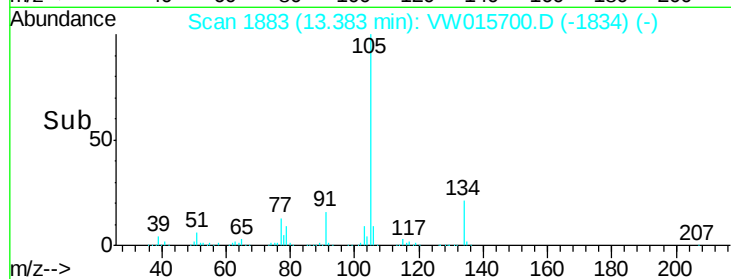
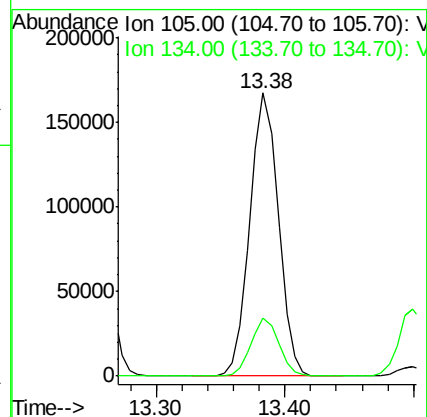
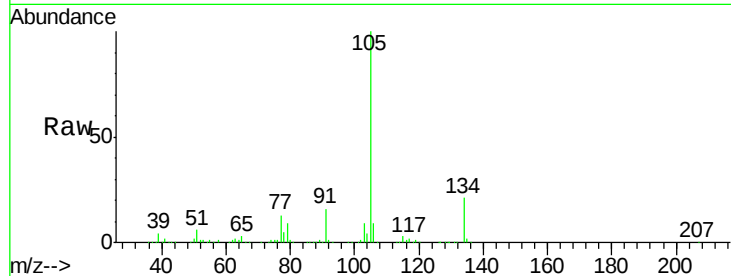




#85
 sec-Butylbenzene
 Concen: 19.741 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

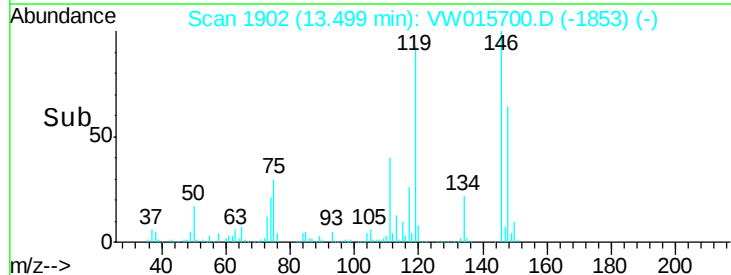
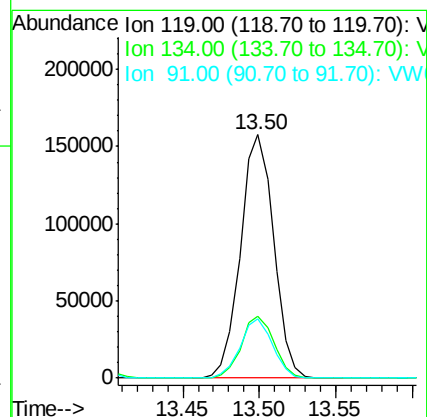
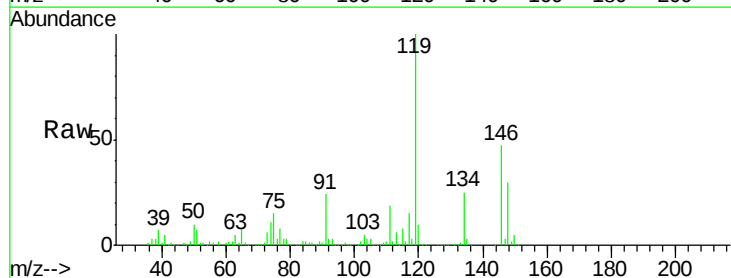
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

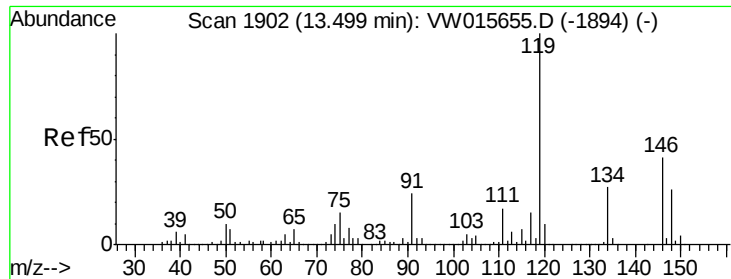
Tgt Ion:105 Resp: 255601
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#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:119 Resp: 236659
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.4
 91 23.6 12.3 36.8

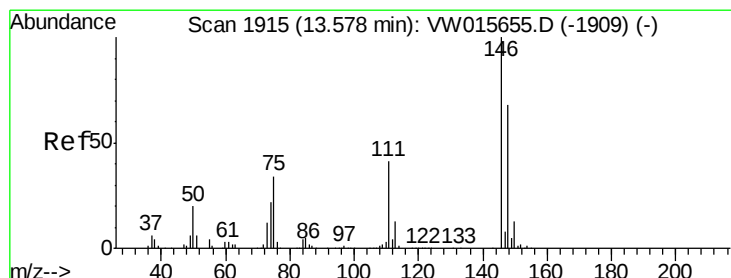
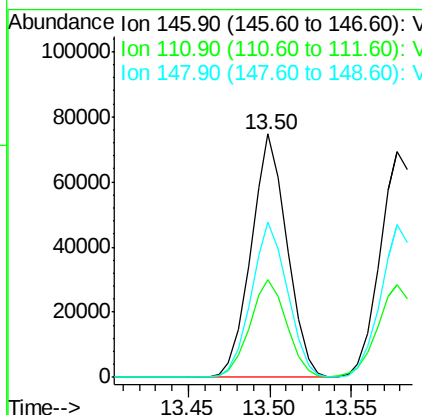
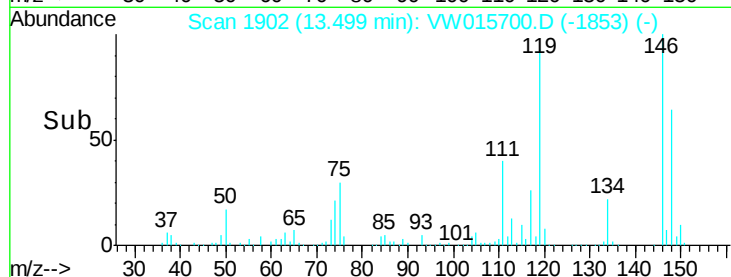
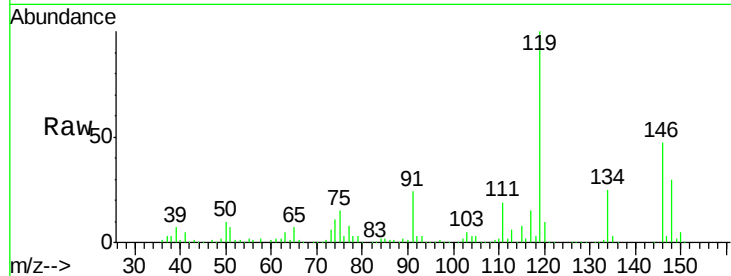




#87
 1,3-Dichlorobenzene
 Concen: 20.429 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

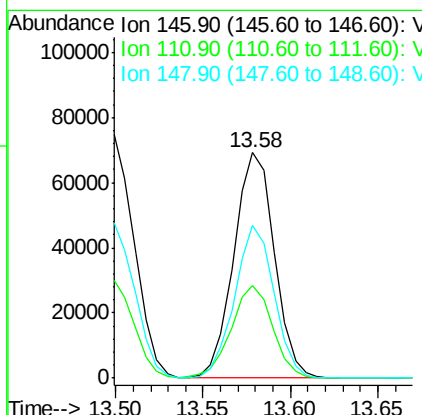
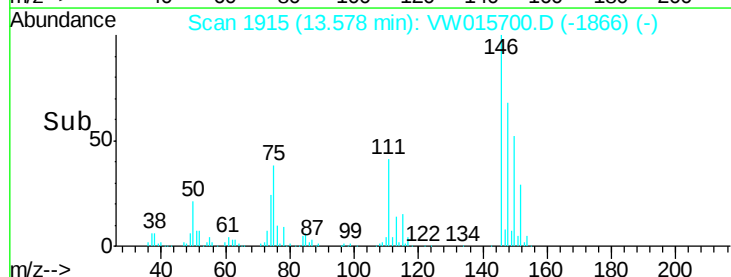
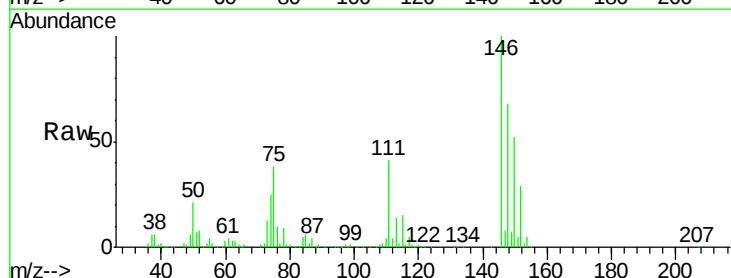
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

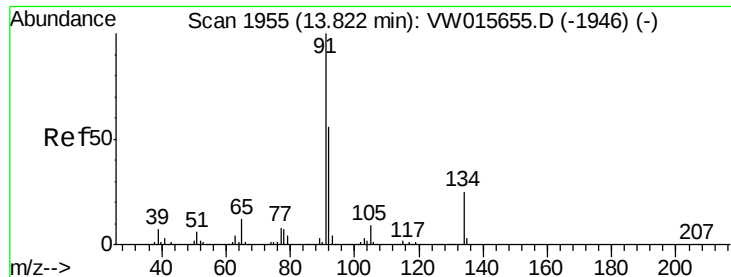
Tgt Ion:146 Resp: 114426
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.8
 148 64.1 31.6 94.7



#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:146 Resp: 111363
 Ion Ratio Lower Upper
 146 100
 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

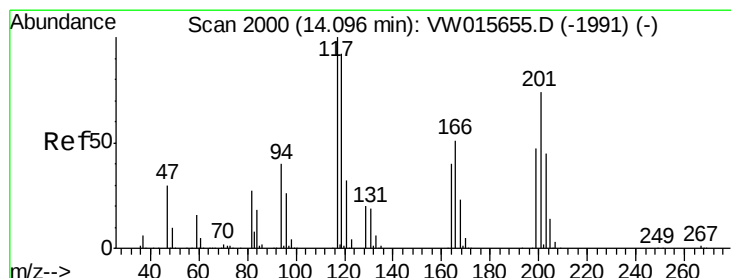
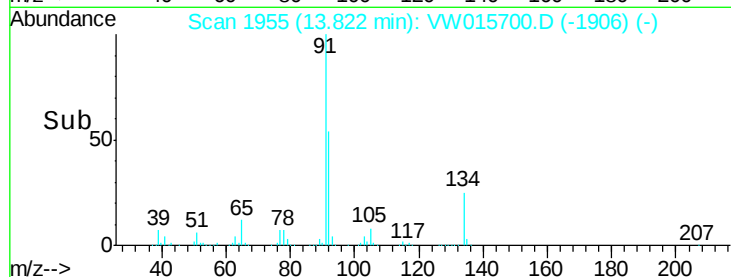
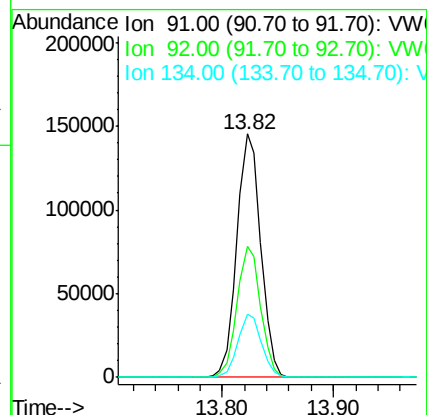
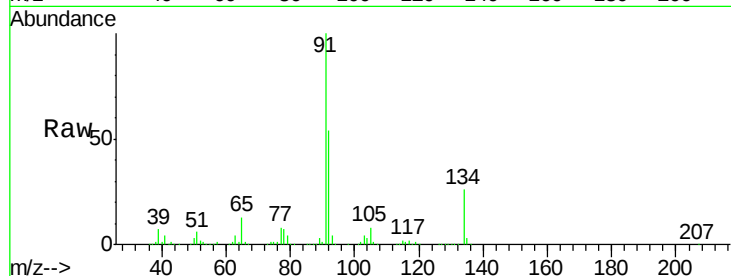
Tgt Ion: 91 Resp: 216064

Ion Ratio Lower Upper

91 100

92 53.2 27.5 82.4

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 19.051 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015700.D

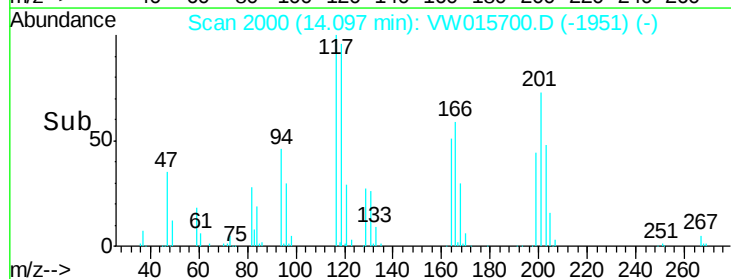
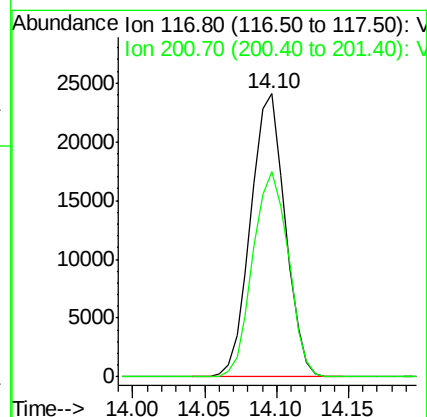
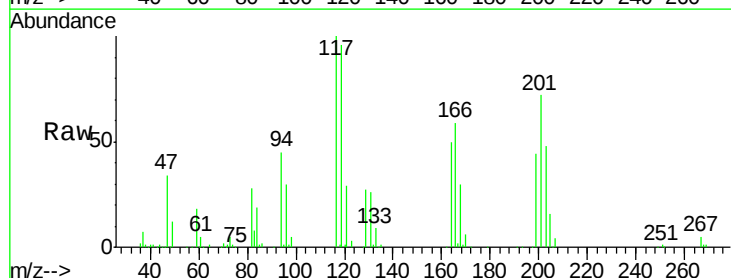
Acq: 24 Jun 2020 23:49

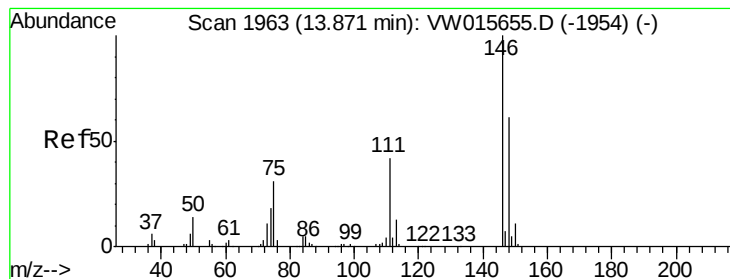
Tgt Ion: 117 Resp: 39883

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

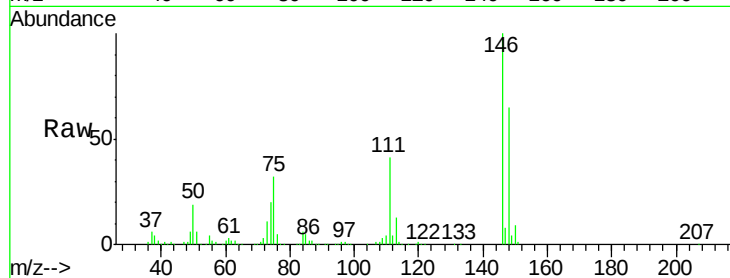
Tgt Ion:146 Resp: 100984

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

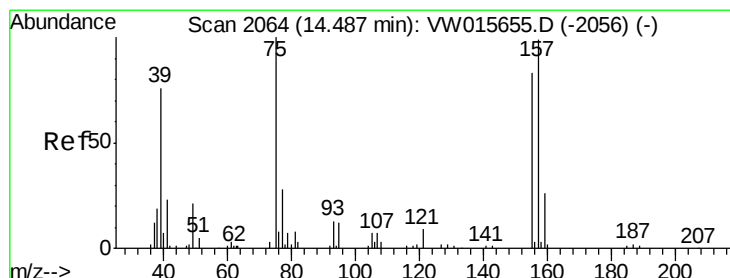
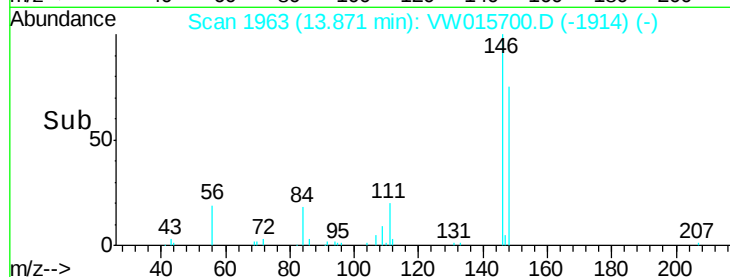
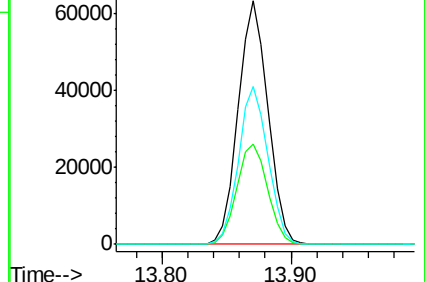
148 64.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

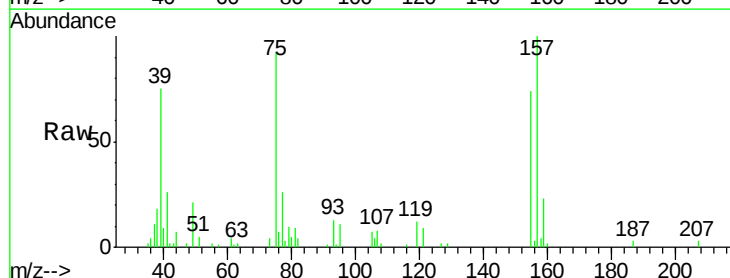
Tgt Ion: 75 Resp: 6216

Ion Ratio Lower Upper

75 100

155 78.3 40.8 122.2

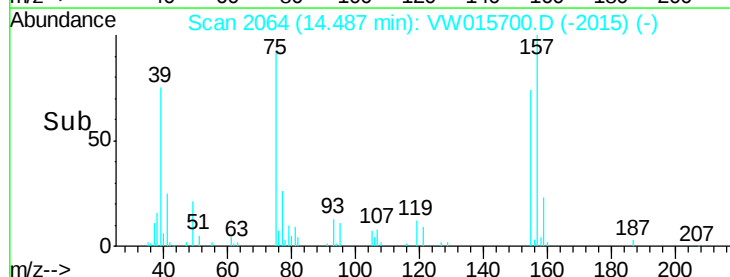
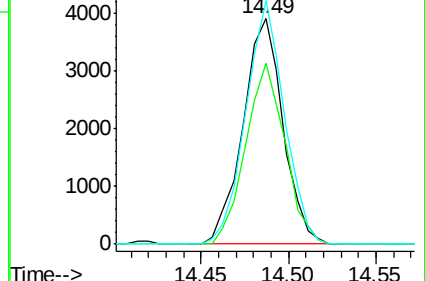
157 103.9 50.7 152.1

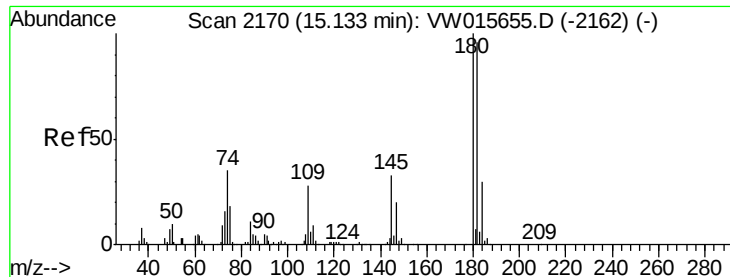


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

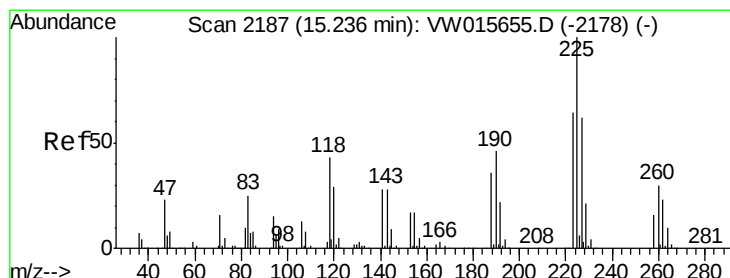
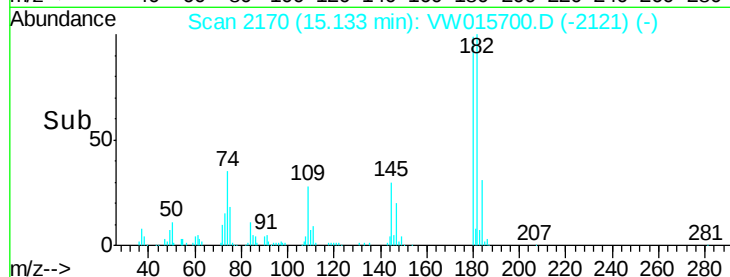
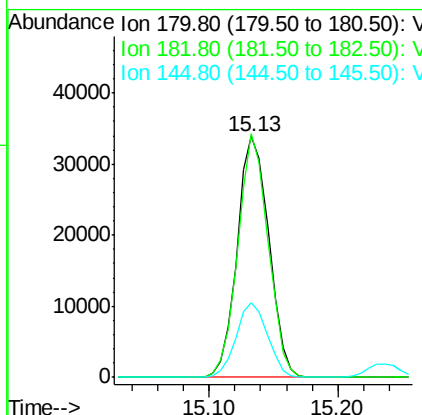
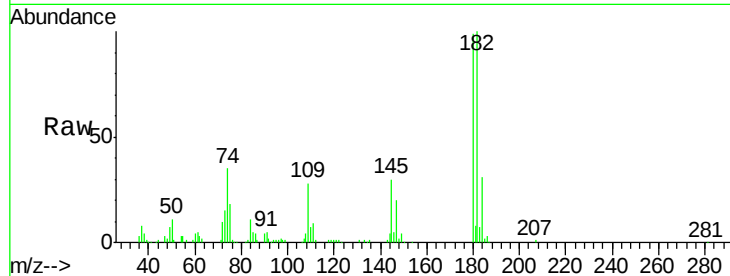




#93
 1,2,4-Trichlorobenzene
 Concen: 18.050 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015700.D
 Acq: 24 Jun 2020 23:49

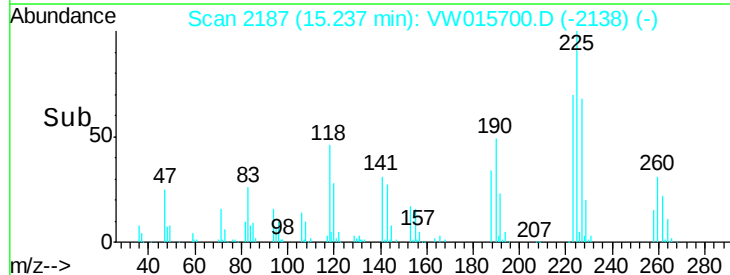
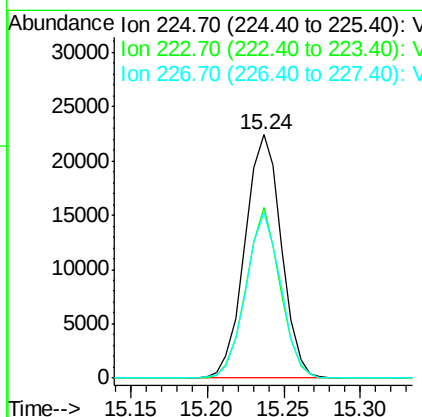
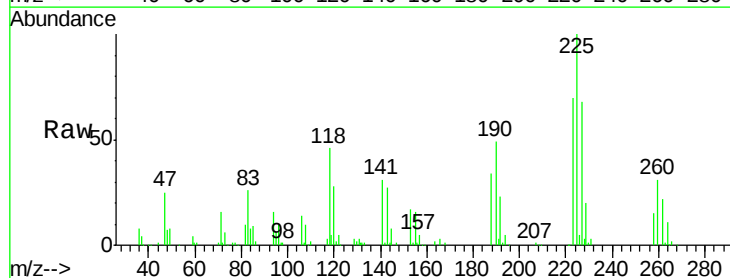
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

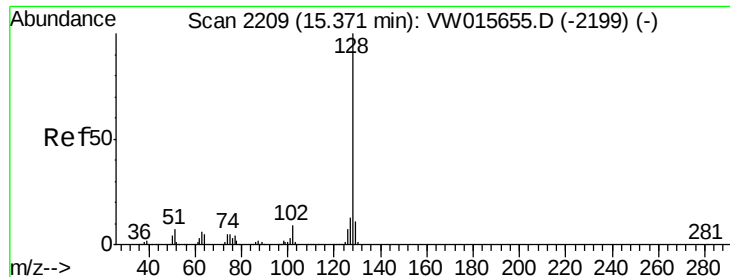
Tgt Ion:180 Resp: 57727
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.6
 145 30.6 15.6 46.7



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

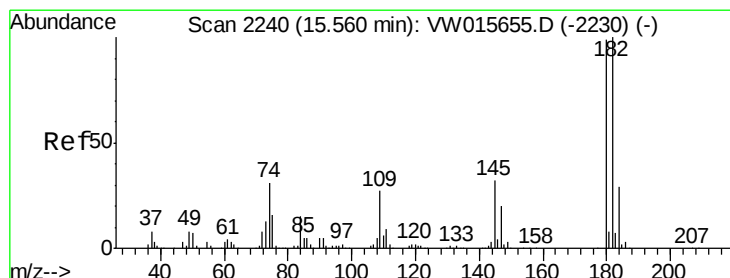
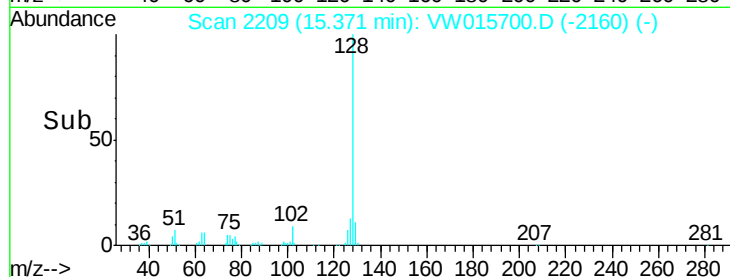
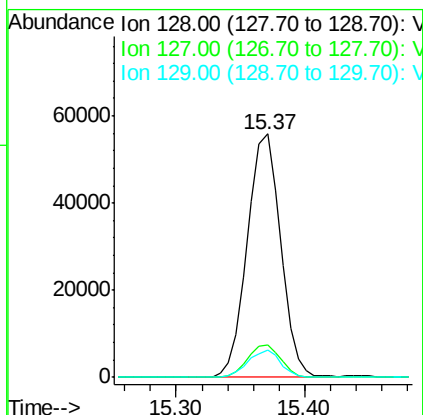
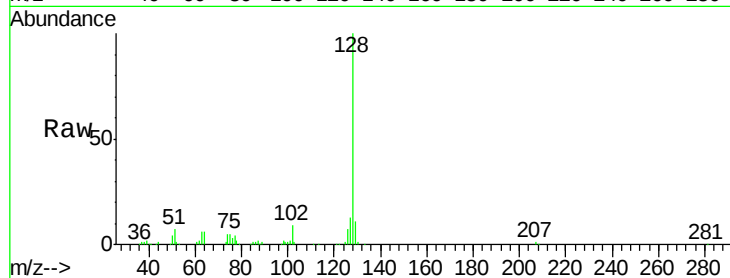




#95
Naphthalene
Concen: 18.930 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015700.D
Acq: 24 Jun 2020 23:49

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

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



#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

