

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015660.D
 Acq On : 23 Jun 2020 14:40
 Operator : SY/VA
 Sample : VW0623SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Quant Time: Jun 24 03:04:25 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	224416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126369	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.88	113	109461	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	437581	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	166340	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	26590	19.872	ug/l	94
3) Chloromethane	2.21	50	31335	19.942	ug/l	100
4) Vinyl Chloride	2.37	62	47097	18.541	ug/l	99
5) Bromomethane	2.78	94	38352	20.542	ug/l	96
6) Chloroethane	2.92	64	32009	19.148	ug/l	99
7) Trichlorofluoromethane	3.26	101	32606	17.095	ug/l	96
8) Diethyl Ether	3.68	74	21262	19.302	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42771	19.025	ug/l	98
10) Methyl Iodide	4.27	142	60261	18.957	ug/l	99
11) Tert butyl alcohol	5.21	59	13847	77.025	ug/l	97
12) 1,1-Dichloroethene	4.04	96	41382	18.904	ug/l	98
13) Acrolein	3.89	56	17553	101.196	ug/l	98
14) Allyl chloride	4.67	41	67912	19.122	ug/l	99
15) Acrylonitrile	5.37	53	43621	95.981	ug/l	98
16) Acetone	4.14	43	47086	99.196	ug/l	98
17) Carbon Disulfide	4.38	76	113358	17.992	ug/l	98
18) Methyl Acetate	4.67	43	20697	18.120	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	65074	19.752	ug/l	99
20) Methylene Chloride	4.91	84	54825	21.070	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46999	18.726	ug/l	98
22) Diisopropyl ether	6.31	45	137359	19.446	ug/l	97
23) Vinyl Acetate	6.26	43	397813	96.574	ug/l	100
24) 1,1-Dichloroethane	6.21	63	83913	18.872	ug/l	100
25) 2-Butanone	7.18	43	61973	96.601	ug/l	100
26) 2,2-Dichloropropane	7.17	77	56300	18.878	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51360	19.023	ug/l	100
28) Bromochloromethane	7.51	49	35484	20.746	ug/l	98
29) Tetrahydrofuran	7.54	42	36060	95.651	ug/l	98
30) Chloroform	7.68	83	86536	18.977	ug/l	98
31) Cyclohexane	7.96	56	78942	18.354	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	73223	18.837	ug/l	100
36) 1,1-Dichloropropene	8.09	75	68778	19.288	ug/l	99
37) Ethyl Acetate	7.26	43	26568	19.513	ug/l	98
38) Carbon Tetrachloride	8.07	117	66150	19.137	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015660.D
 Acq On : 23 Jun 2020 14:40
 Operator : SY/VA
 Sample : VW0623SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Quant Time: Jun 24 03:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81776	18.934	ug/l	98
40) Benzene	8.32	78	187543	19.342	ug/l	100
41) Methacrylonitrile	7.48	41	15468	19.795	ug/l	95
42) 1,2-Dichloroethane	8.40	62	59433	19.814	ug/l	100
43) Isopropyl Acetate	8.43	43	55350	20.371	ug/l	99
44) Trichloroethene	9.09	130	49761	19.040	ug/l	92
45) 1,2-Dichloropropane	9.37	63	46048	19.430	ug/l	97
46) Dibromomethane	9.46	93	24206	19.740	ug/l	98
47) Bromodichloromethane	9.65	83	61909	19.355	ug/l	97
48) Methyl methacrylate	9.44	41	24634	19.831	ug/l	98
49) 1,4-Dioxane	9.47	88	5979	371.689	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	131833	100.612	ug/l	99
52) Toluene	10.39	92	123798	19.774	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59858	19.372	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	71530	19.378	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33553	19.680	ug/l	96
56) Ethyl methacrylate	10.65	69	42563	20.064	ug/l	95
57) 1,3-Dichloropropane	10.93	76	60184	19.912	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	111585	111.155	ug/l	99
59) 2-Hexanone	10.97	43	90650	101.620	ug/l	99
60) Dibromochloromethane	11.13	129	38055	19.154	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31759	19.488	ug/l	98
64) Tetrachloroethene	10.87	164	42663	19.211	ug/l	97
65) Chlorobenzene	11.66	112	129561	19.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44862	19.197	ug/l	99
67) Ethyl Benzene	11.73	91	243096	19.599	ug/l	99
68) m/p-Xylenes	11.84	106	182749	39.237	ug/l	98
69) o-Xylene	12.16	106	84635	19.763	ug/l	99
70) Styrene	12.18	104	142386	19.460	ug/l	99
71) Bromoform	12.35	173	20186	18.774	ug/l #	96
73) Isopropylbenzene	12.46	105	236231	19.515	ug/l	99
74) N-amyl acetate	12.27	43	51054	19.895	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	38068	19.657	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	49993	34.538	ug/l #	1
77) Bromobenzene	12.75	156	52443	19.429	ug/l	98
78) n-propylbenzene	12.80	91	282741	19.404	ug/l	98
79) 2-Chlorotoluene	12.90	91	162558	19.814	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	204586	19.946	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10825	18.846	ug/l	94
82) 4-Chlorotoluene	12.99	91	172614	19.887	ug/l	100
83) tert-Butylbenzene	13.21	119	168285	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	203928	19.936	ug/l	99
85) sec-Butylbenzene	13.38	105	245404	19.813	ug/l	99
86) p-Isopropyltoluene	13.50	119	226953	20.167	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	109367	20.411	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	106938	20.150	ug/l	97
89) n-Butylbenzene	13.82	91	217406	20.124	ug/l	99
90) Hexachloroethane	14.10	117	39184	19.566	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	93234	20.124	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6212	20.032	ug/l	97

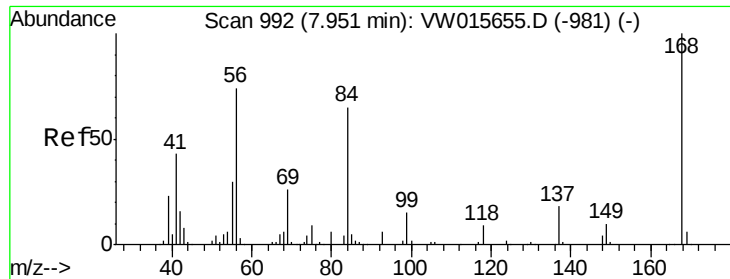
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015660.D
 Acq On : 23 Jun 2020 14:40
 Operator : SY/VA
 Sample : VW0623SBS01
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Instrument :
 MSVOA_W
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Quant Time: Jun 24 03:04:25 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60926	19.914	ug/l	97
94) Hexachlorobutadiene	15.24	225	36063	18.502	ug/l	96
95) Naphthalene	15.37	128	102248	20.206	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53932	20.474	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

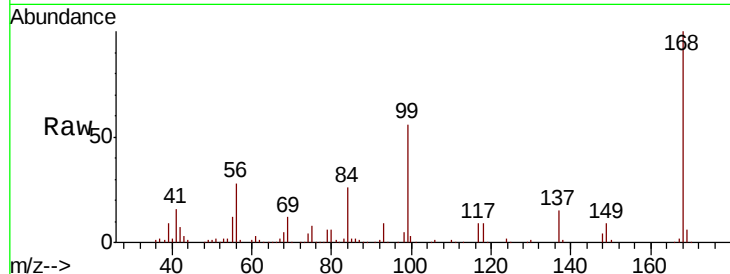
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion:168 Resp: 224416

Ion Ratio Lower Upper

168 100

99 56.1 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

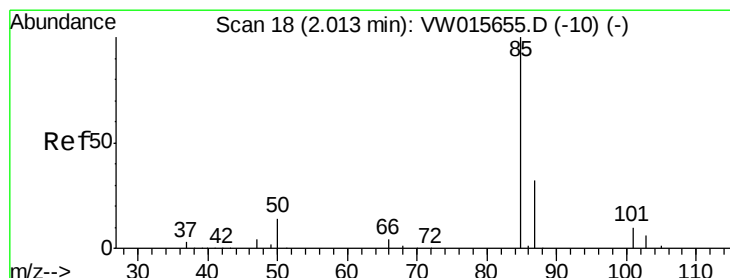
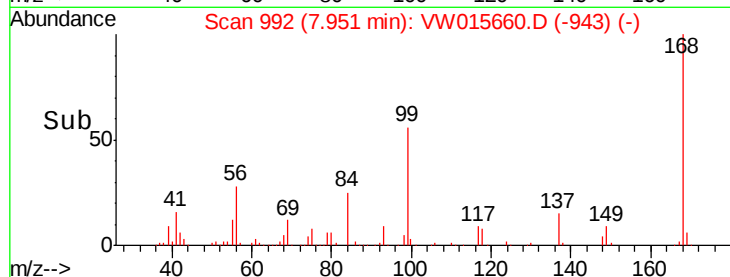
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.872 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015660.D

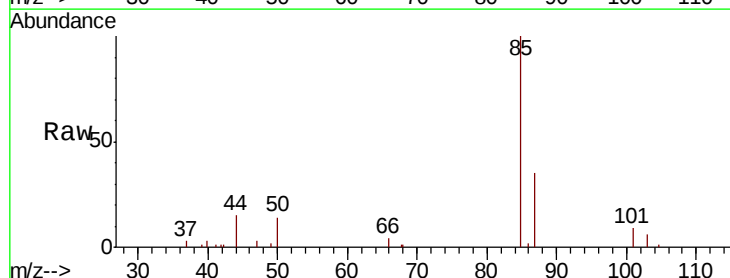
Acq: 23 Jun 2020 14:40

Tgt Ion: 85 Resp: 26590

Ion Ratio Lower Upper

85 100

87 34.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

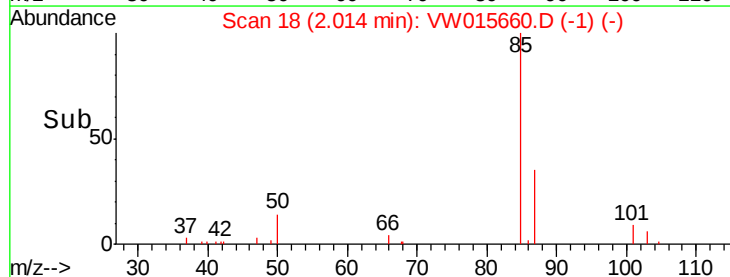
6000

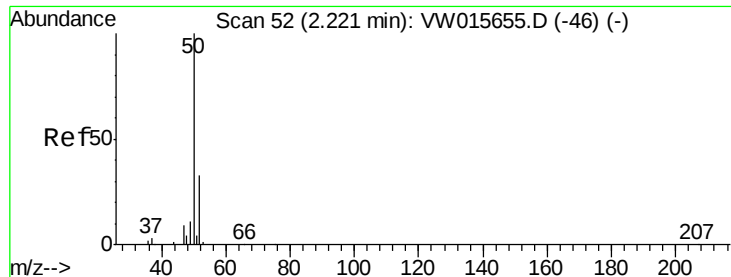
4000

2000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 19.942 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

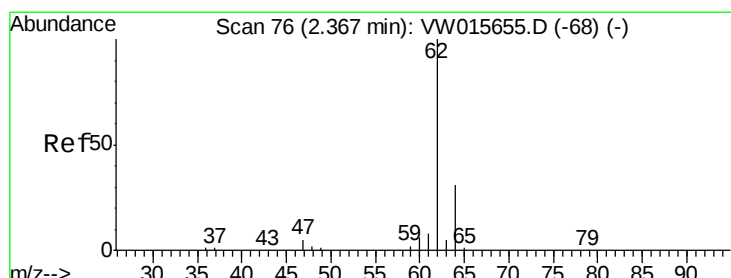
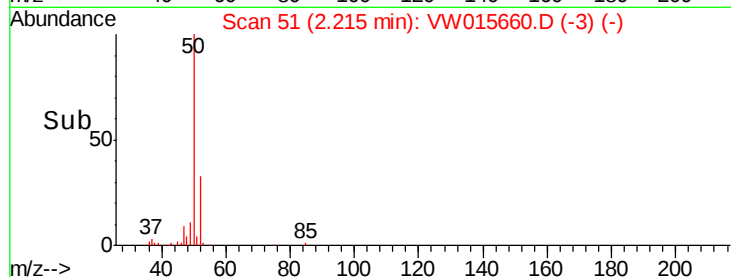
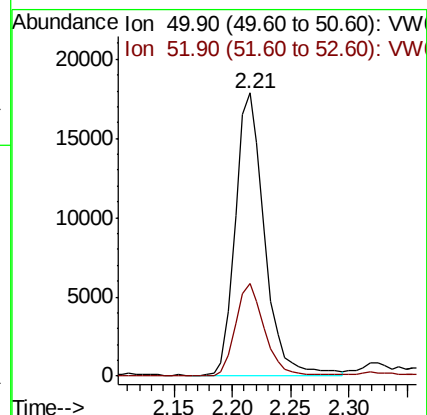
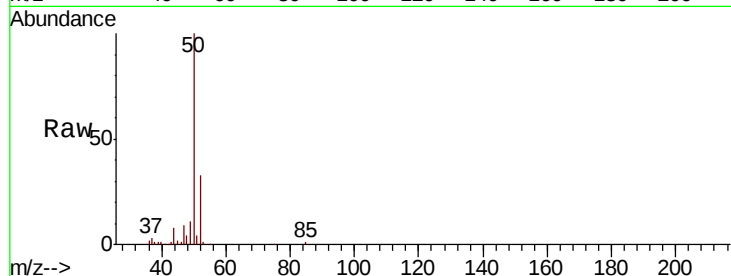
VW0623SBS01

Tot Ion: 50 Resp: 31335

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 18.541 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015660.D

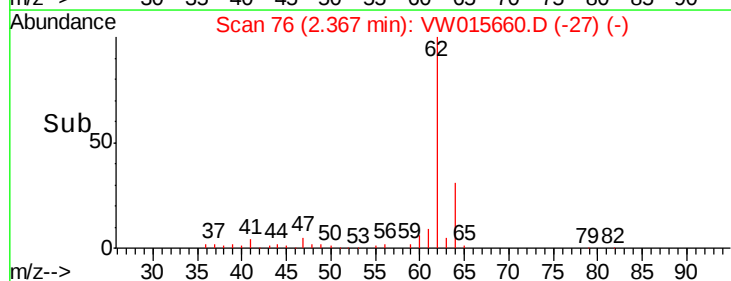
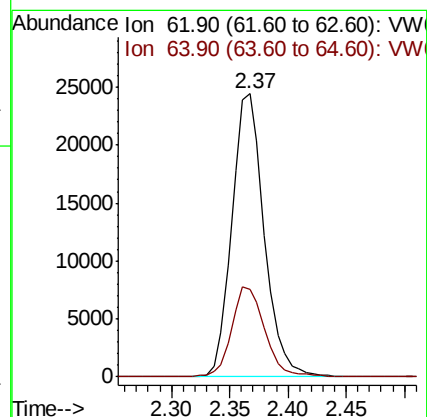
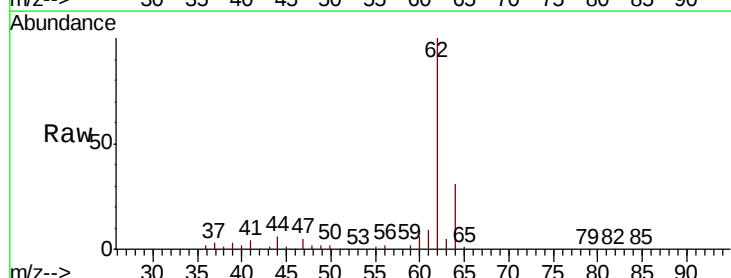
Acq: 23 Jun 2020 14:40

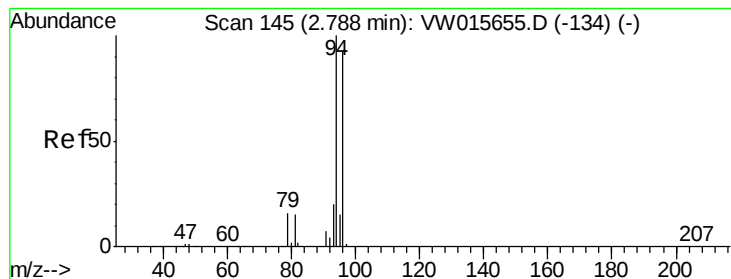
Tgt Ion: 62 Resp: 47097

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 20.542 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

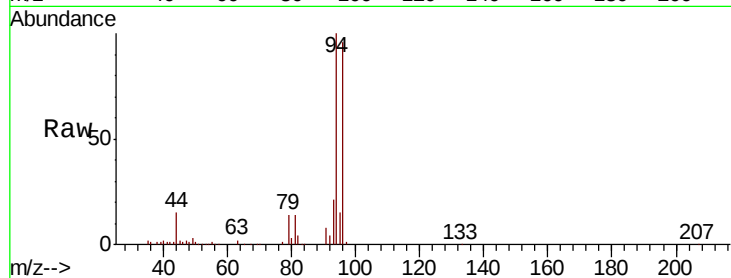
VW0623SBS01

Tot Ion: 94 Resp: 38352

Ion Ratio Lower Upper

94 100

96 95.9 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

15000

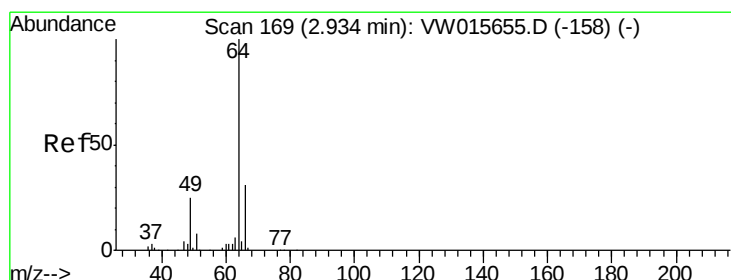
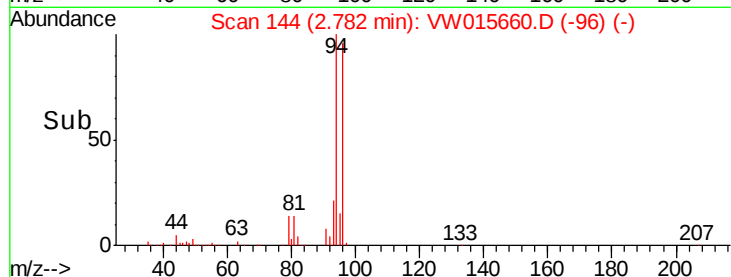
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 19.148 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015660.D

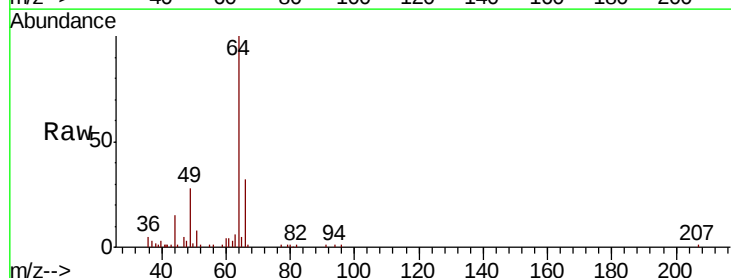
Acq: 23 Jun 2020 14:40

Tgt Ion: 64 Resp: 32009

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

15000

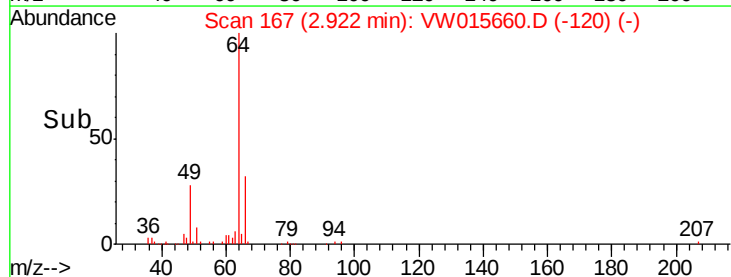
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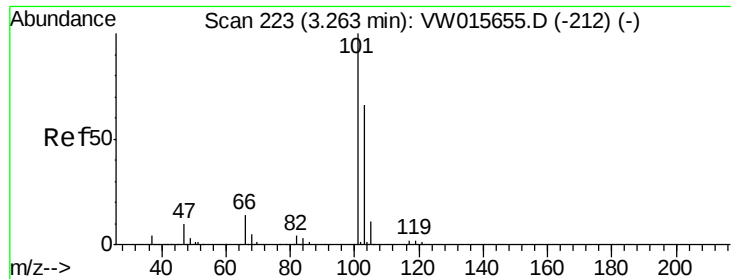
5000

0

2.80 2.90 3.00 3.10

Time-->



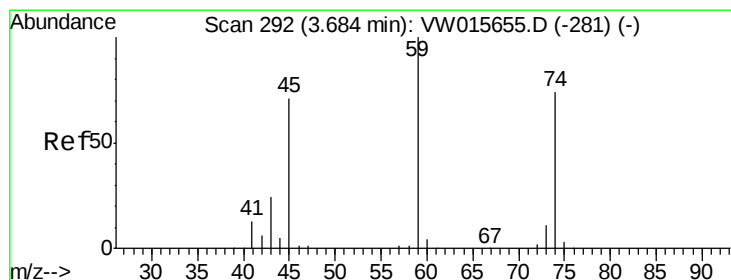
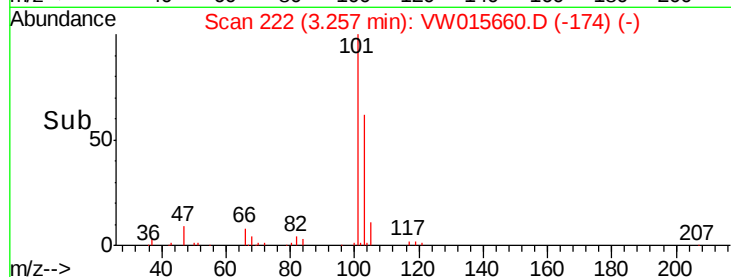
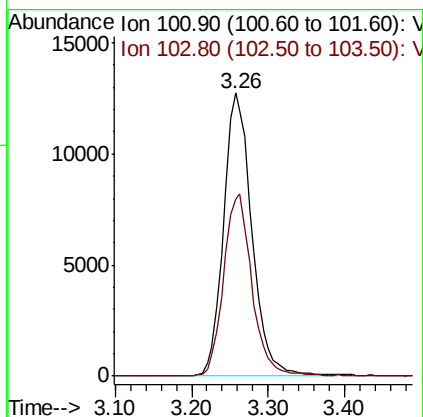
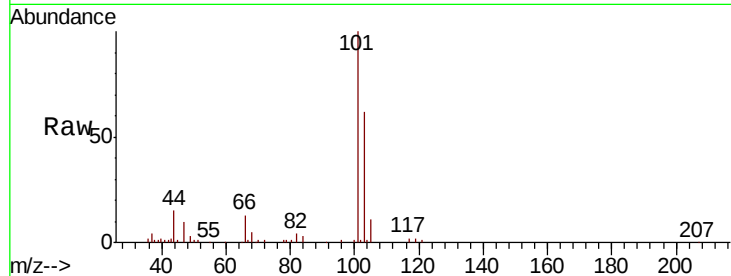


#7

Trichlorofluoromethane
 Concen: 17.095 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

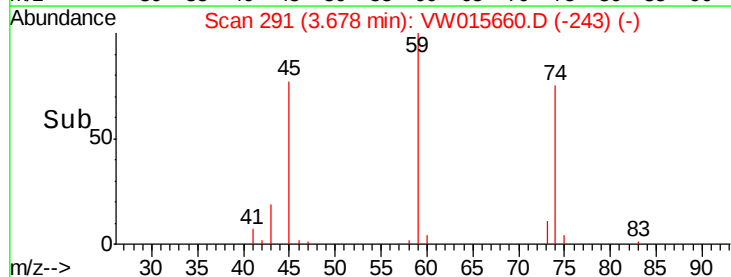
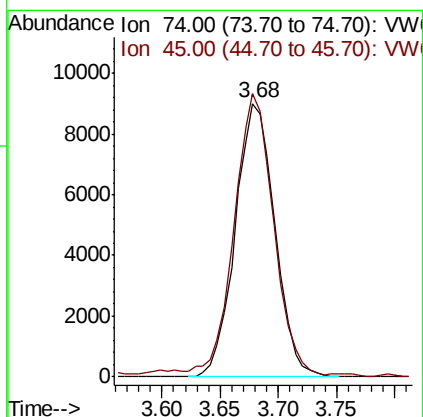
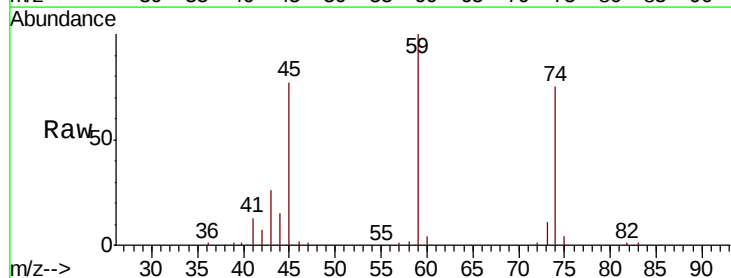
Tot Ion:101 Resp: 32606
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.6 78.8

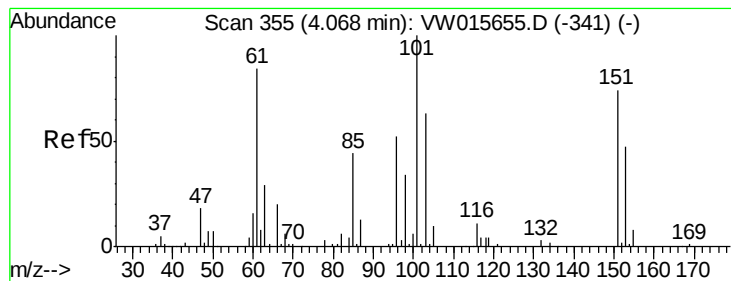


#8

Diethyl Ether
 Concen: 19.302 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion: 74 Resp: 21262
 Ion Ratio Lower Upper
 74 100
 45 101.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.025 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

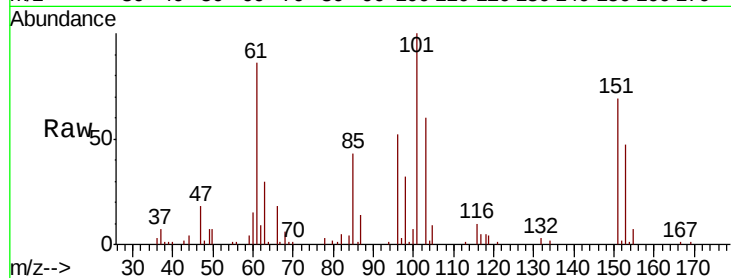
Tot Ion:101 Resp: 42771

Ion Ratio Lower Upper

101 100

85 44.5 36.6 55.0

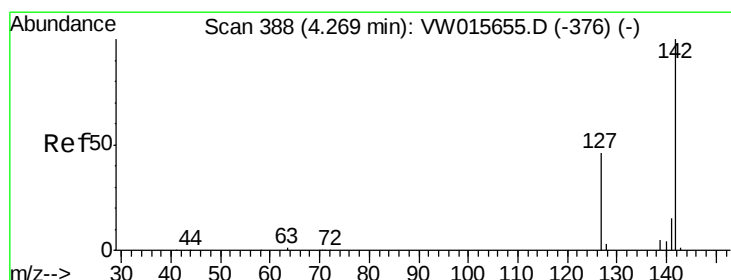
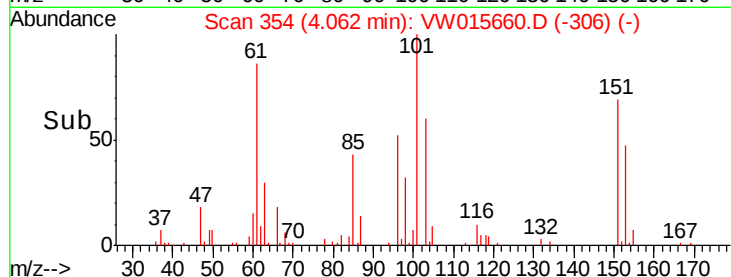
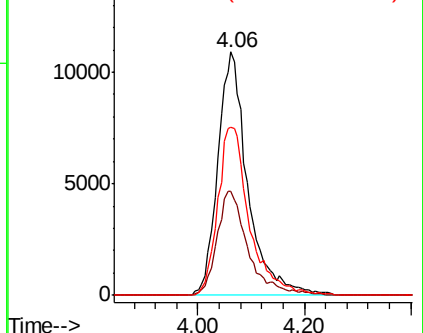
151 73.2 60.4 90.6



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: 18.957 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

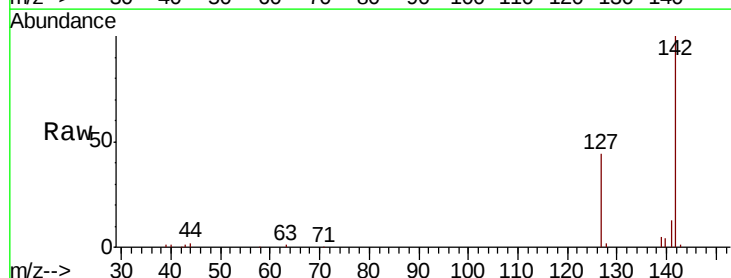
Tgt Ion:142 Resp: 60261

Ion Ratio Lower Upper

142 100

127 44.6 36.4 54.6

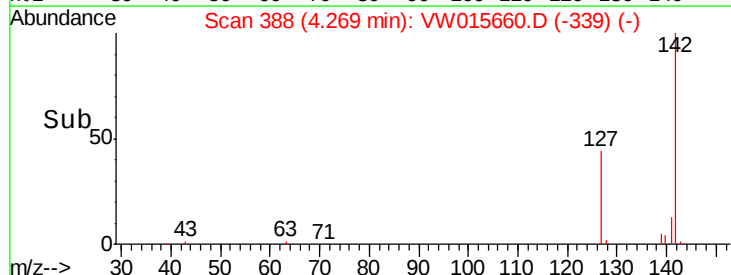
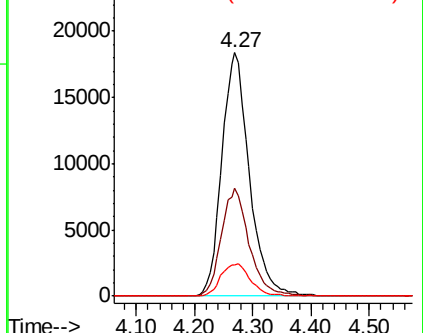
141 14.3 11.6 17.4

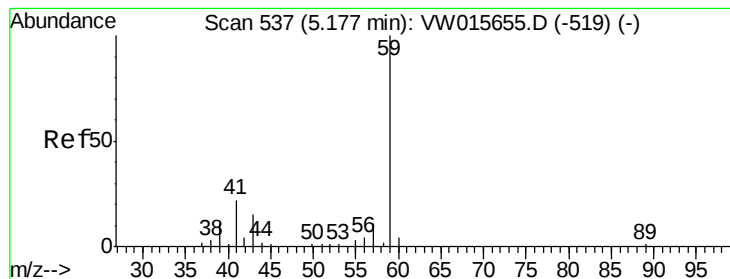


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 77.025 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

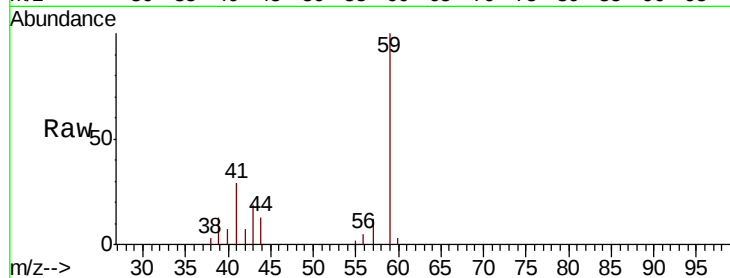
VW0623SBS01

Tot Ion: 59 Resp: 13847

Ion Ratio Lower Upper

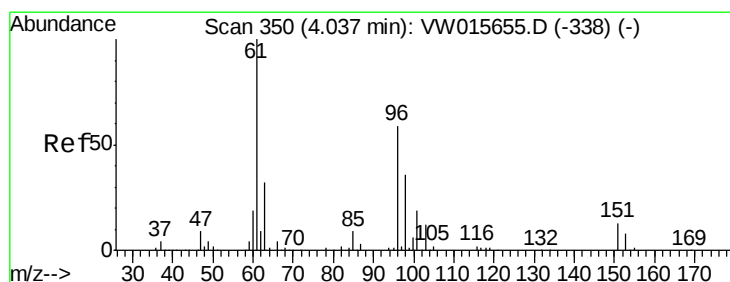
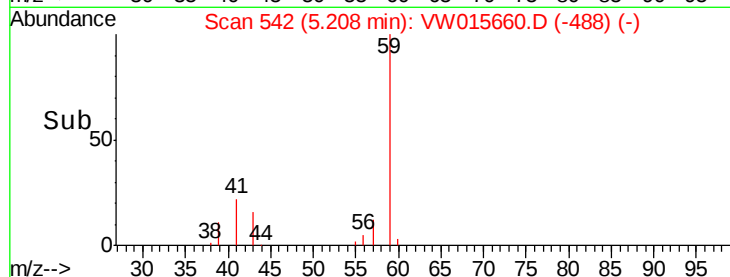
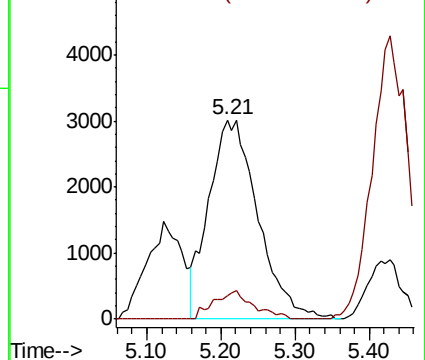
59 100

57 11.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 18.904 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

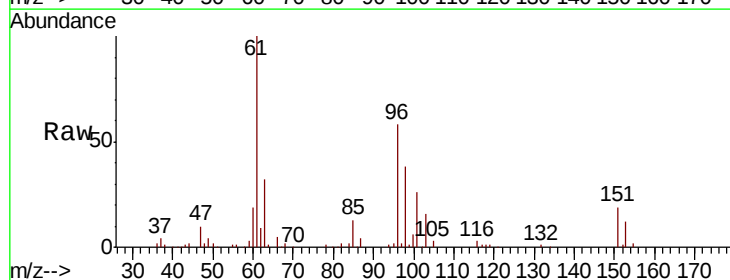
Tgt Ion: 96 Resp: 41382

Ion Ratio Lower Upper

96 100

61 173.2 136.7 205.1

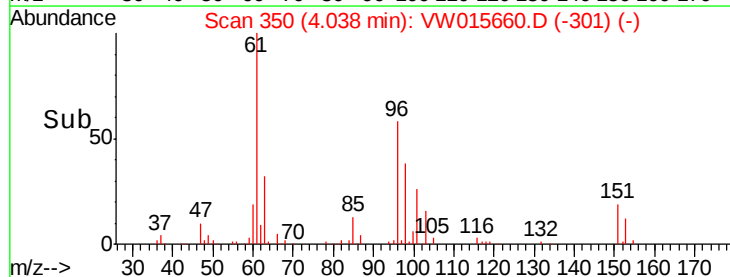
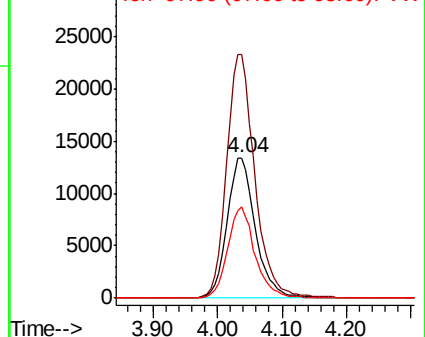
98 65.0 49.2 73.8

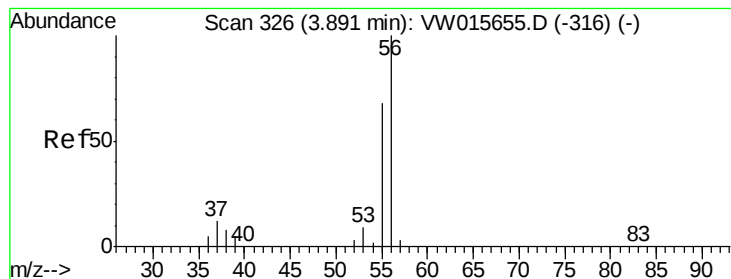


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 101.196 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

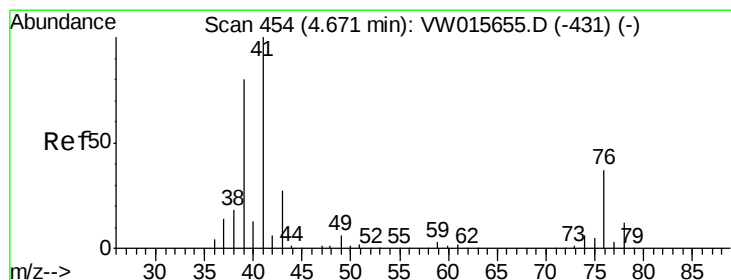
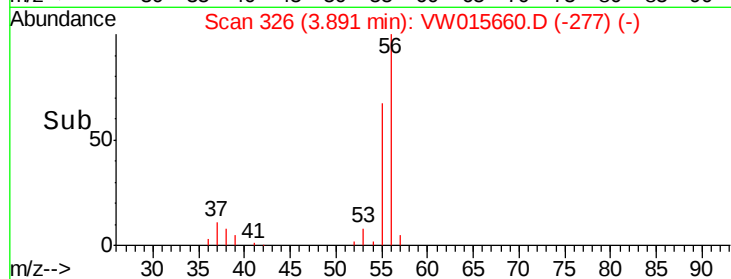
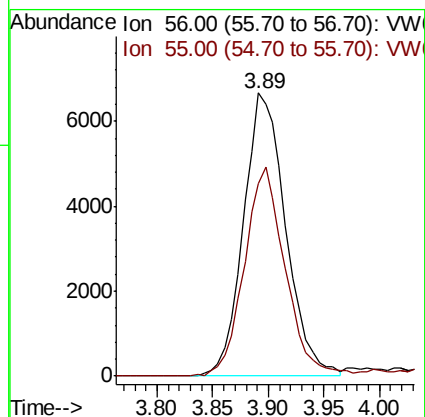
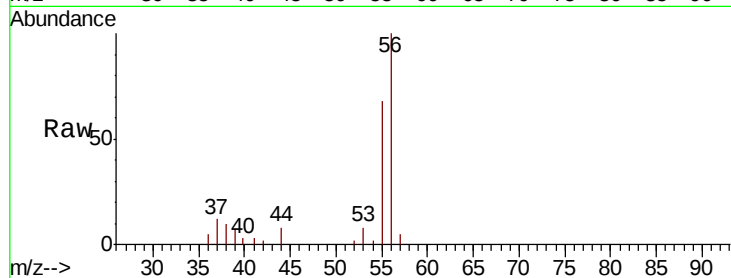
VW0623SBS01

Tot Ion: 56 Resp: 17553

Ion Ratio Lower Upper

56 100

55 71.5 56.2 84.2



#14

Allyl chloride

Concen: 19.122 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

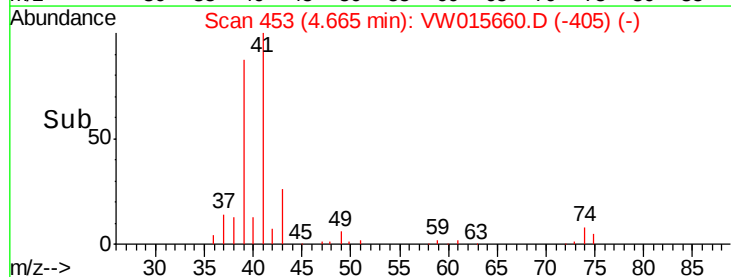
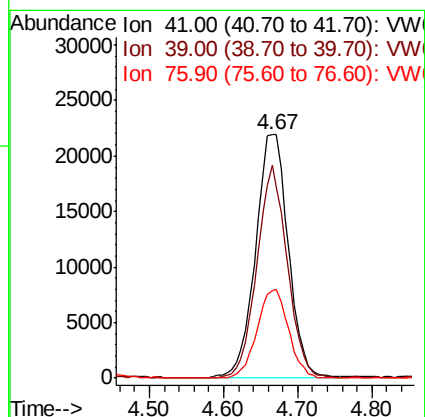
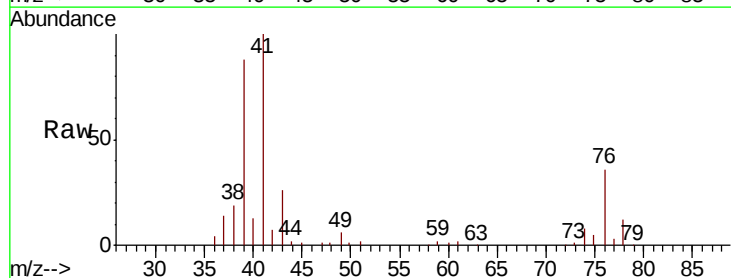
Tgt Ion: 41 Resp: 67912

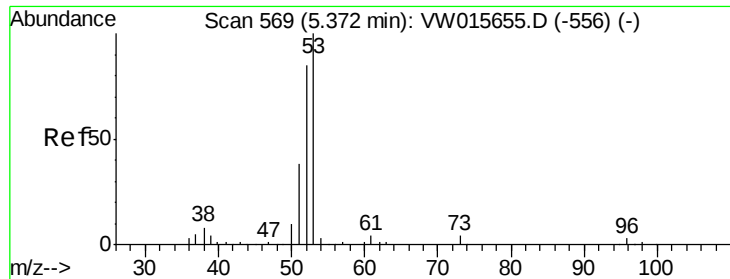
Ion Ratio Lower Upper

41 100

39 80.7 64.6 97.0

76 35.0 29.1 43.7





#15

Acrylonitrile

Concen: 95.981 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

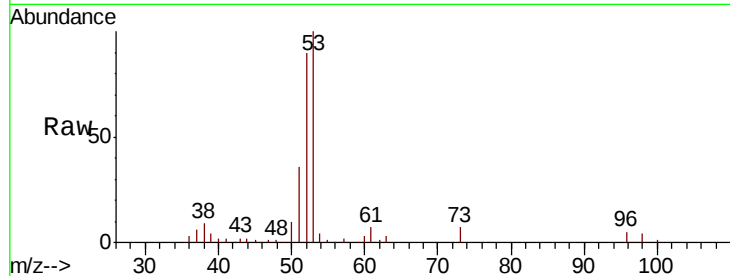
Tot Ion: 53 Resp: 43621

Ion Ratio Lower Upper

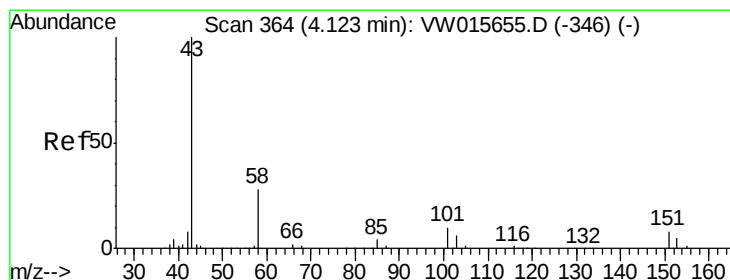
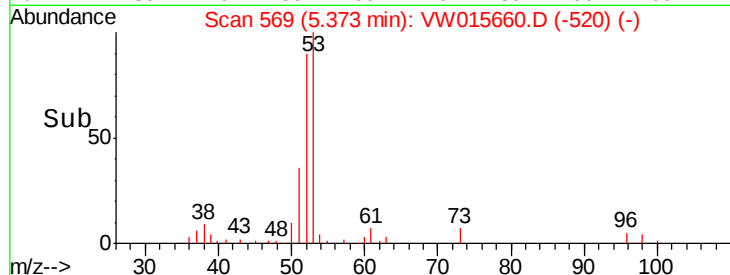
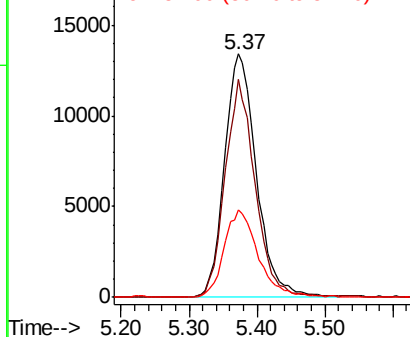
53 100

52 84.0 65.8 98.6

51 38.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 99.196 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015660.D

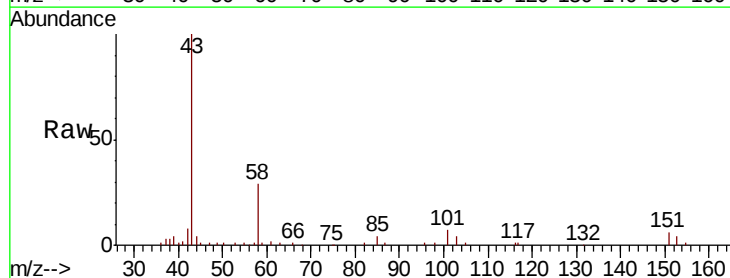
Acq: 23 Jun 2020 14:40

Tgt Ion: 43 Resp: 47086

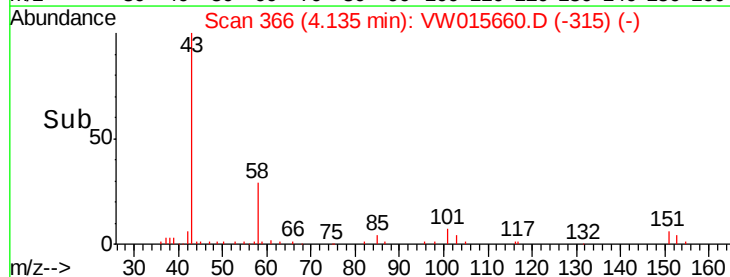
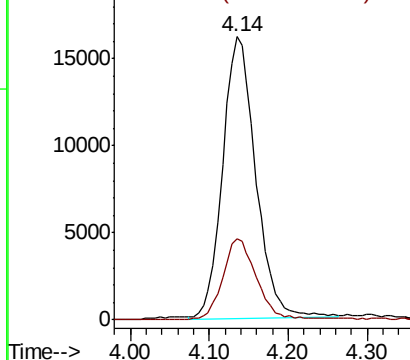
Ion Ratio Lower Upper

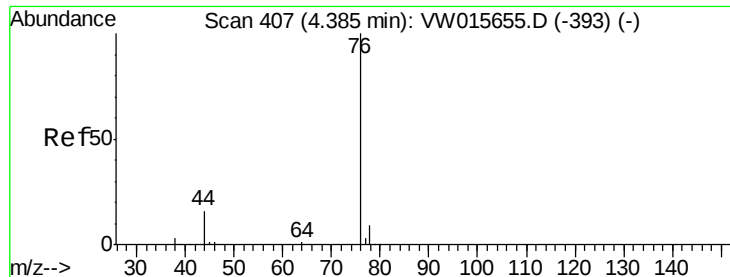
43 100

58 29.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

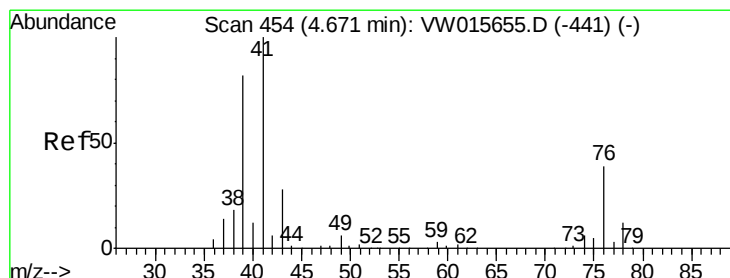
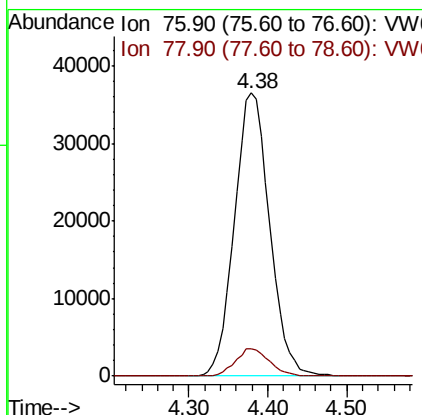
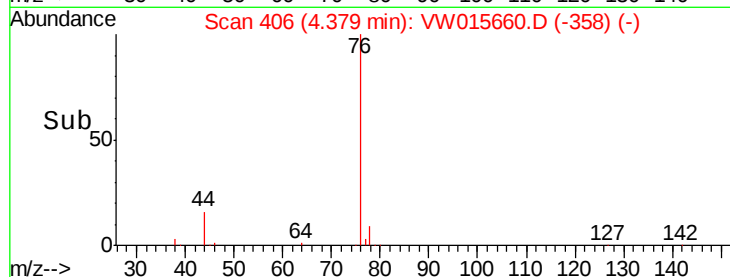
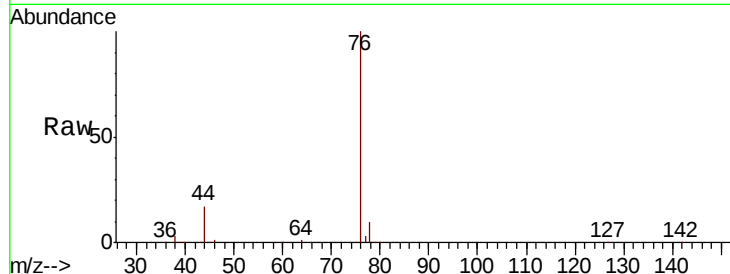




#17
Carbon Disulfide
Concen: 17.992 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

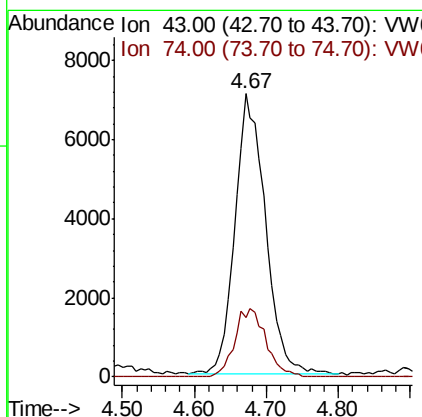
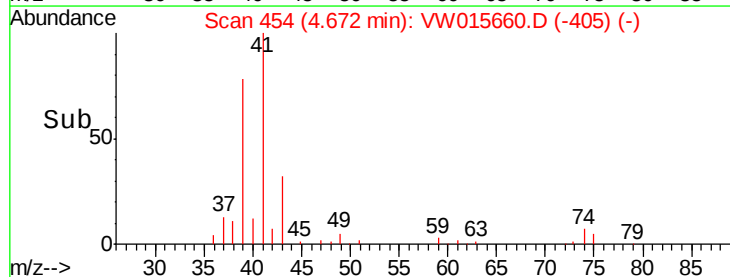
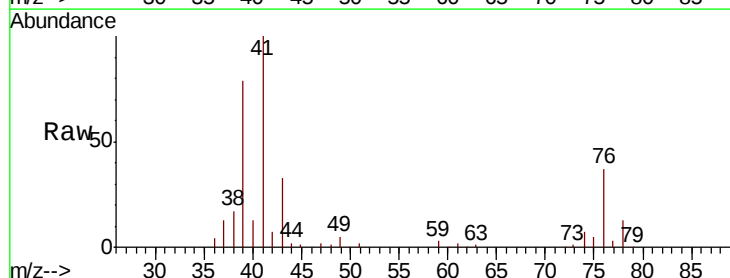
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

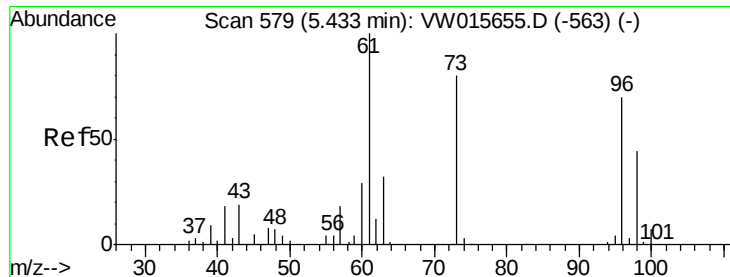
Tot Ion: 76 Resp: 113358
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 18.120 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 43 Resp: 20697
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6

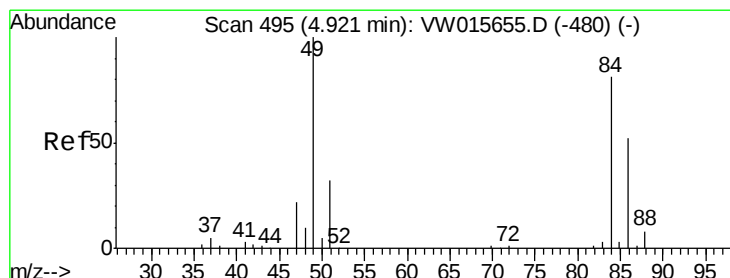
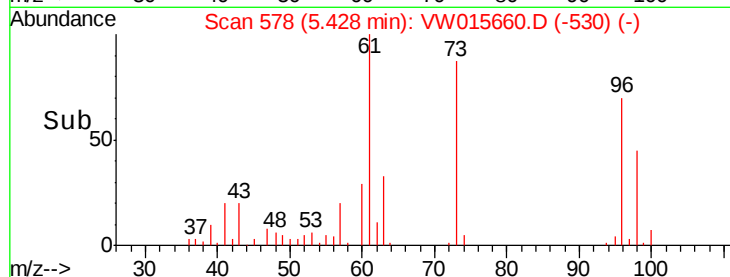
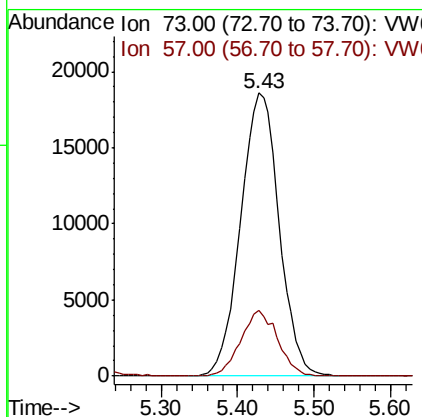
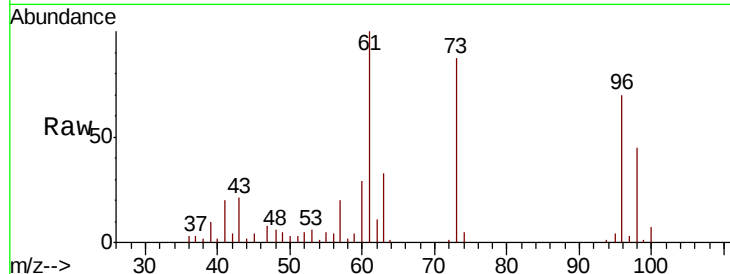




#19
Methvl tert-butvl Ether
Concen: 19.752 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

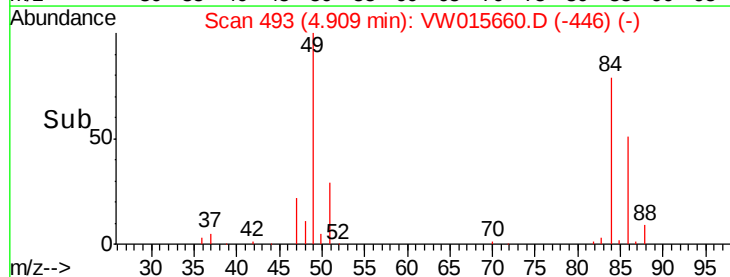
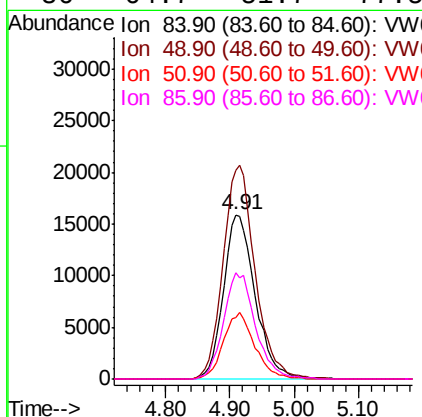
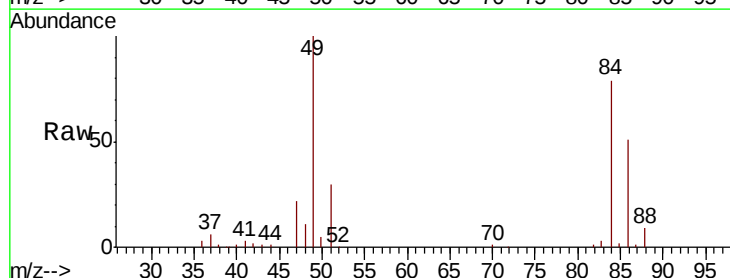
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

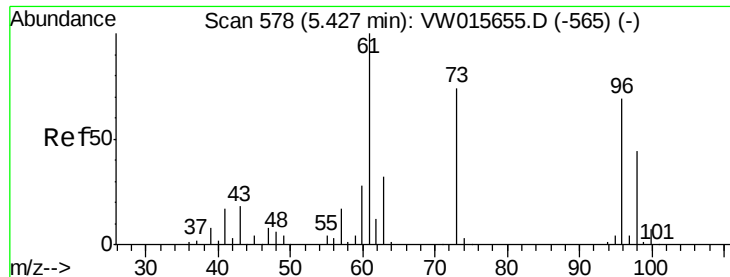
Tot Ion: 73 Resp: 65074
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1



#20
Methylene Chloride
Concen: 21.070 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 84 Resp: 54825
Ion Ratio Lower Upper
84 100
49 127.4 99.3 148.9
51 37.6 31.8 47.6
86 64.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.726 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

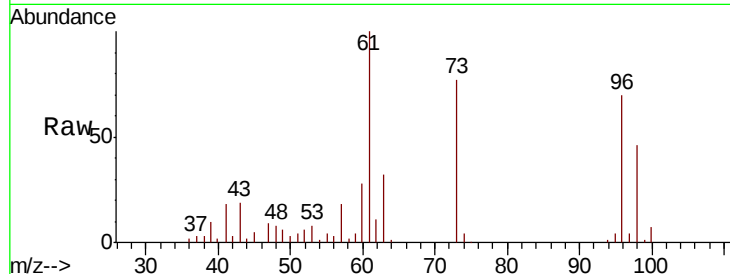
Tot Ion: 96 Resp: 46999

Ion Ratio Lower Upper

96 100

61 142.1 116.2 174.2

98 64.9 51.4 77.0

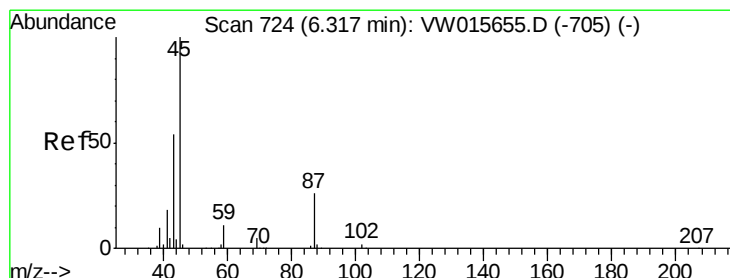
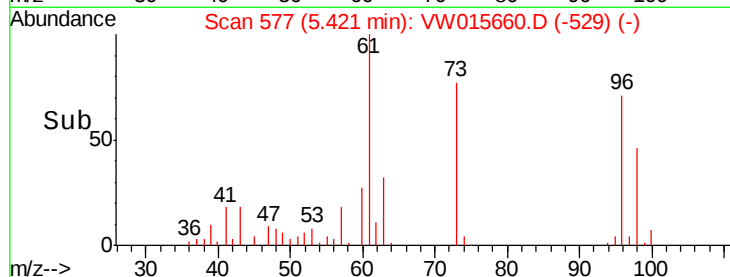
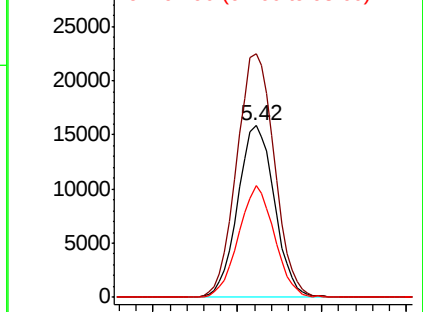


Abundance

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: 19.446 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Tgt Ion: 45 Resp: 137359

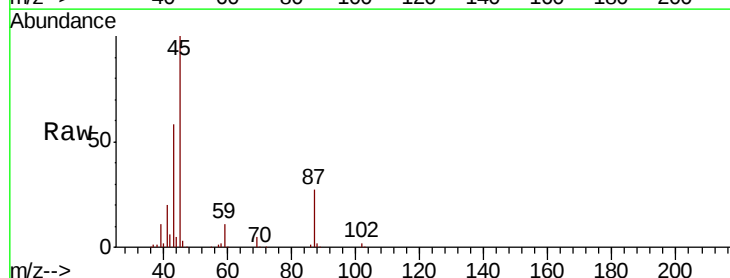
Ion Ratio Lower Upper

45 100

43 58.0 43.9 65.9

87 27.0 21.2 31.8

59 11.2 9.2 13.8



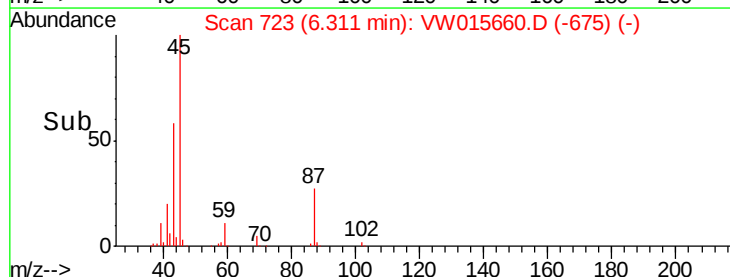
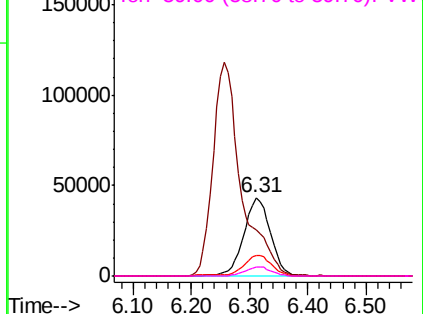
Abundance

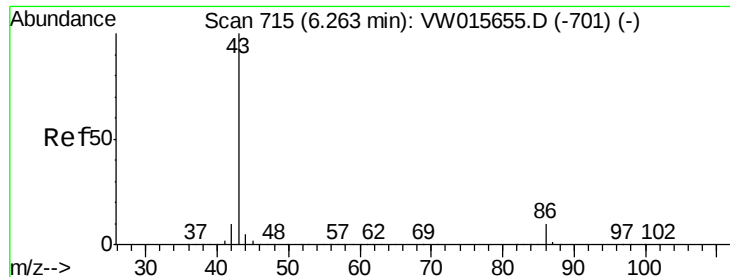
Ion 45.00 (44.70 to 45.70): VW

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: 96.574 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampled :

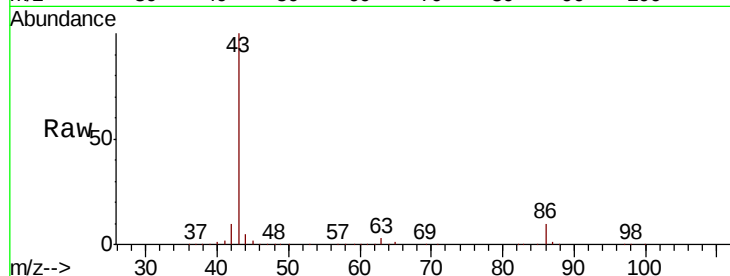
VW0623SBS01

Tot Ion: 43 Resp: 397813

Ion Ratio Lower Upper

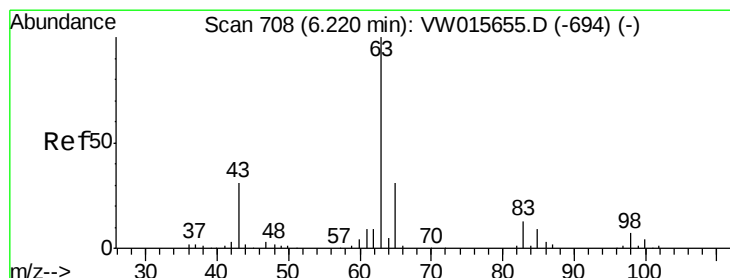
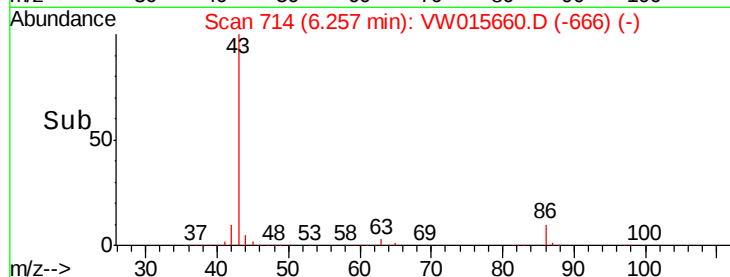
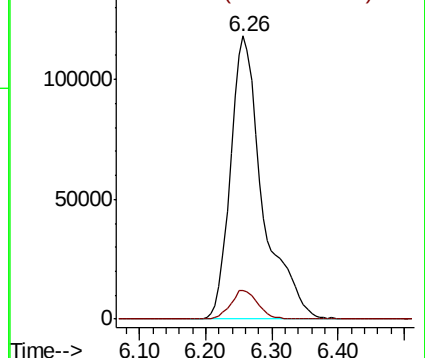
43 100

86 10.3 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: 18.872 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

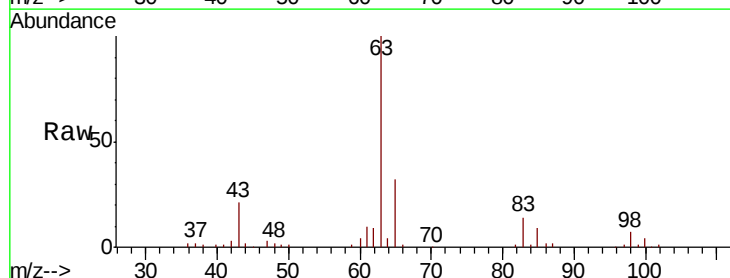
Tgt Ion: 63 Resp: 83913

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

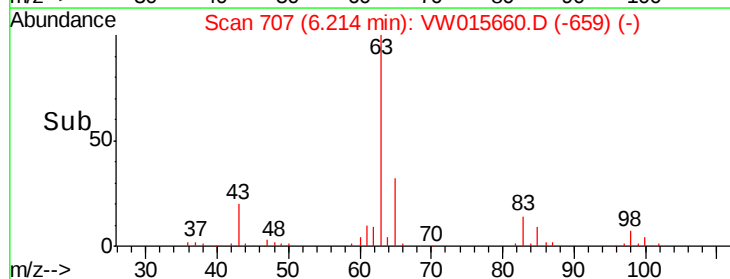
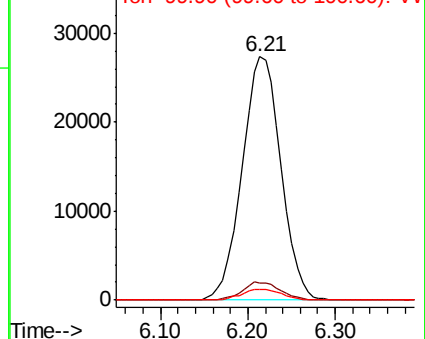
100 4.4 2.1 6.3

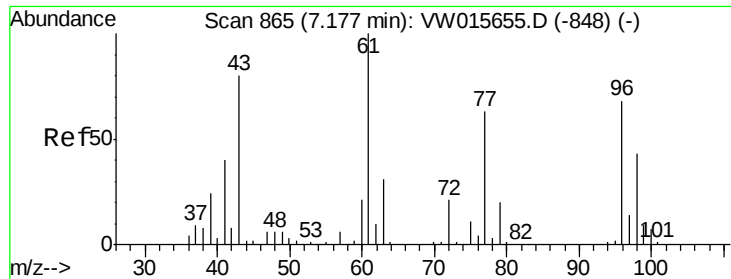


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

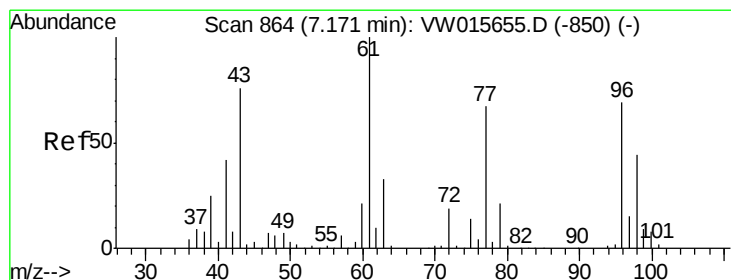
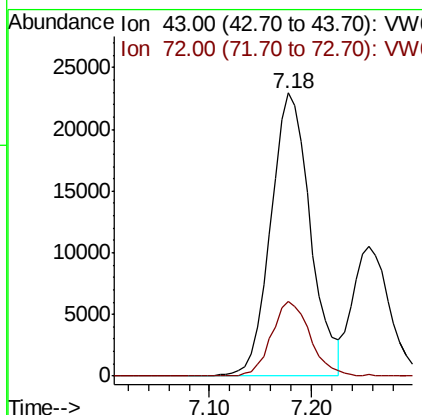
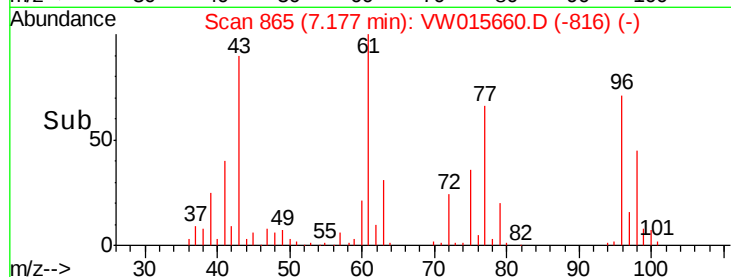
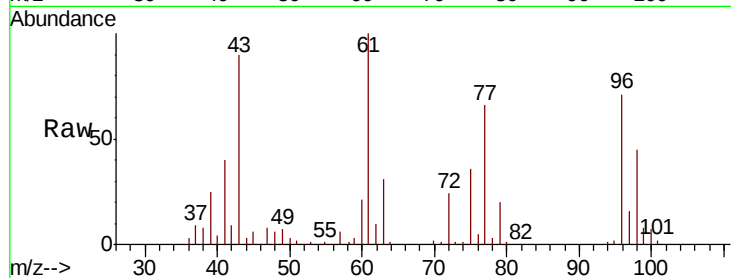




#25
2-Butanone
Concen: 96.601 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

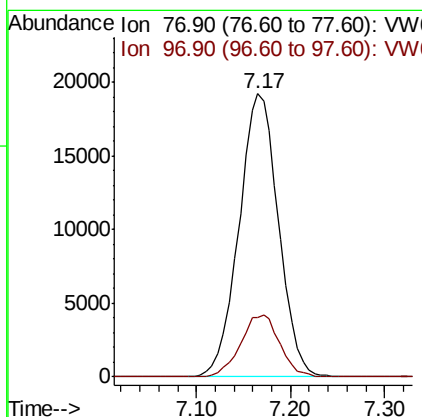
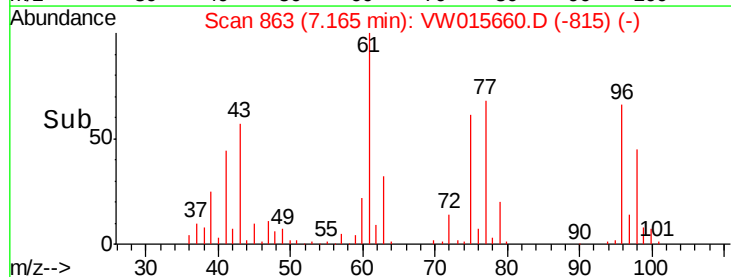
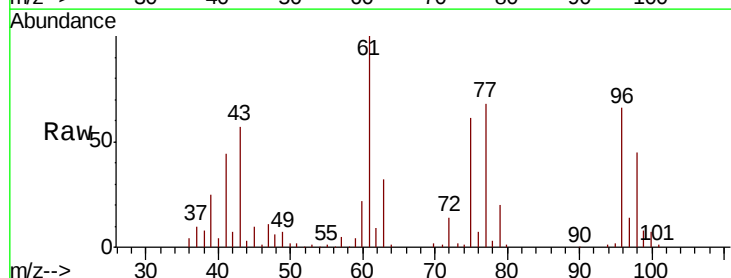
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

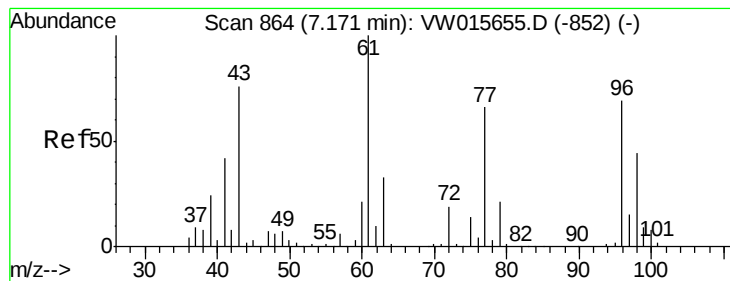
Tot Ion: 43 Resp: 61973
Ion Ratio Lower Upper
43 100
72 26.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 18.878 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 77 Resp: 56300
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.5



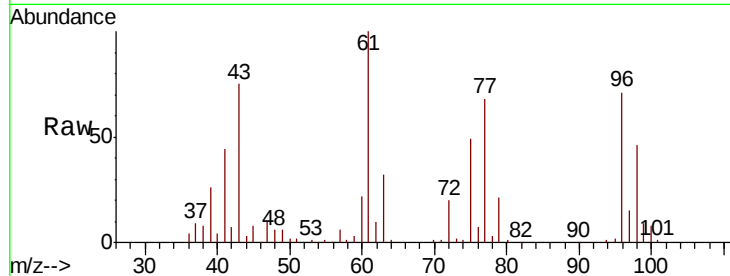


#27

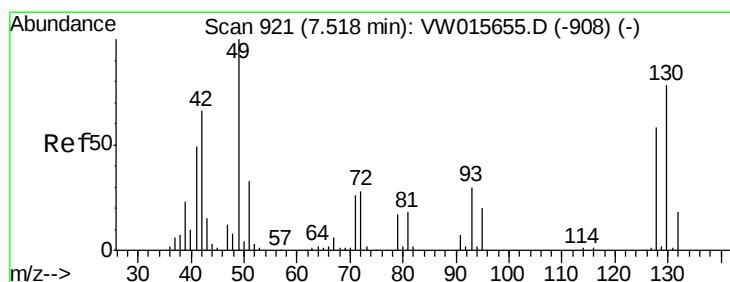
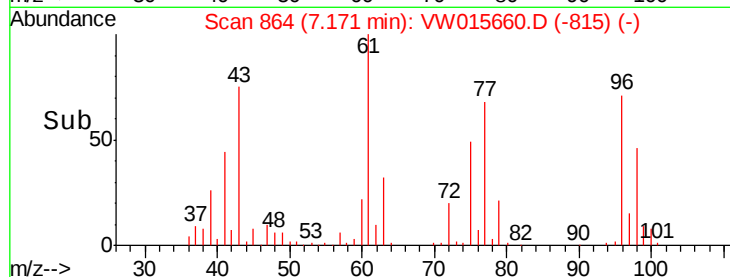
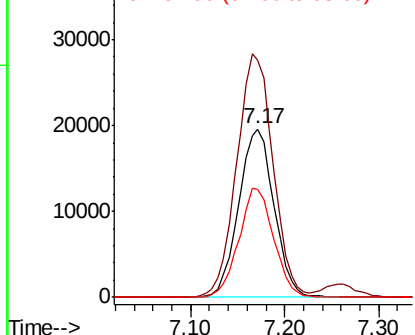
cis-1,2-Dichloroethene
Concen: 19.023 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion: 96 Resp: 51360
Ion Ratio Lower Upper
96 100
61 148.7 0.0 296.8
98 63.9 0.0 128.0



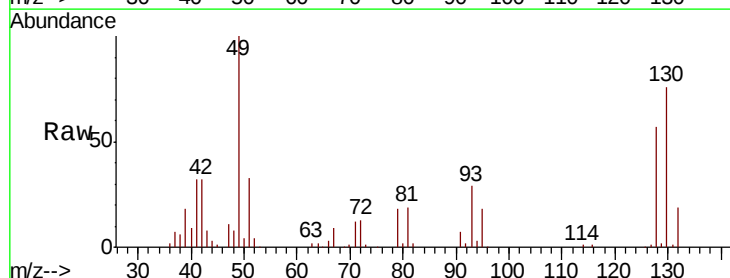
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



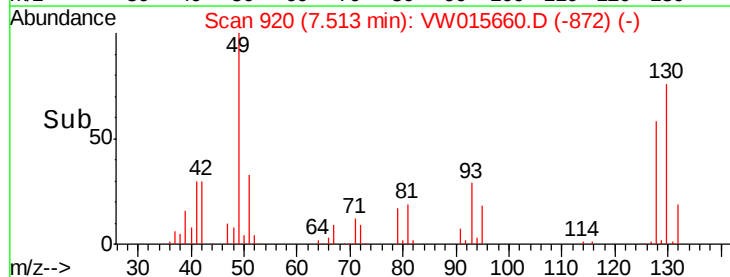
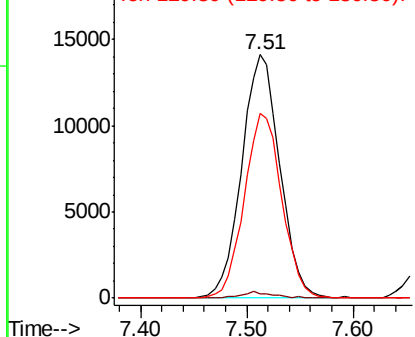
#28

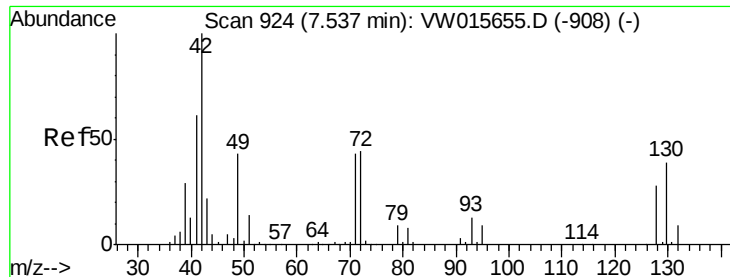
Bromochloromethane
Concen: 20.746 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 49 Resp: 35484
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 74.6 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

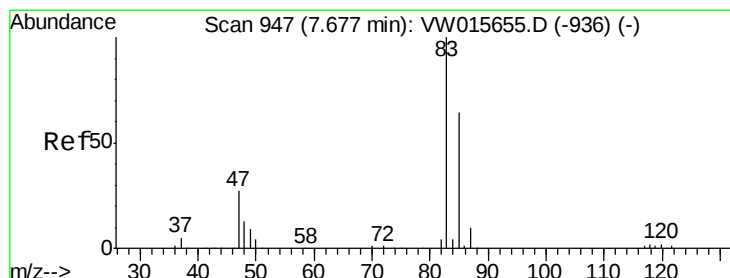
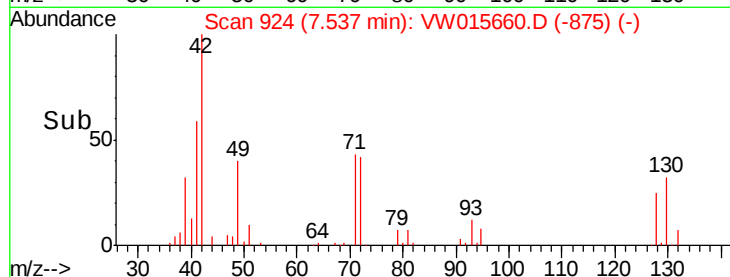
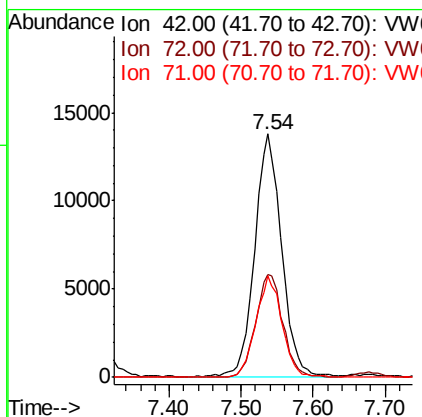
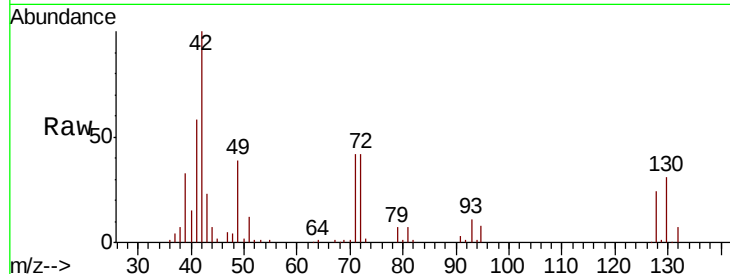




#29
Tetrahydrofuran
Concen: 95.651 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

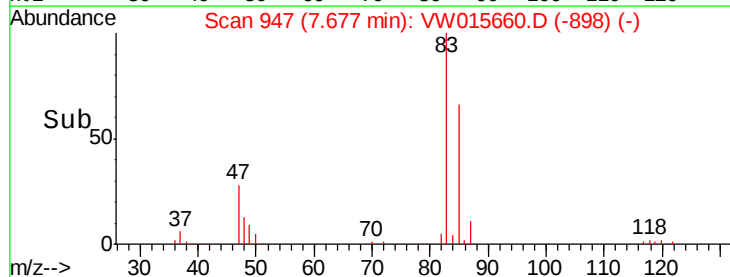
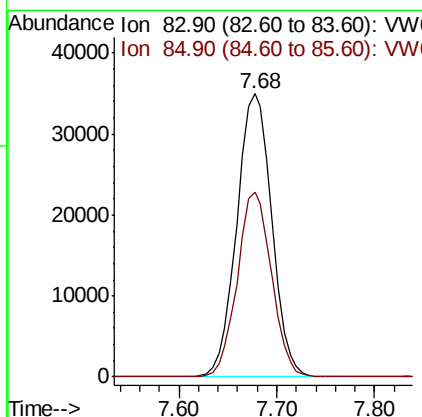
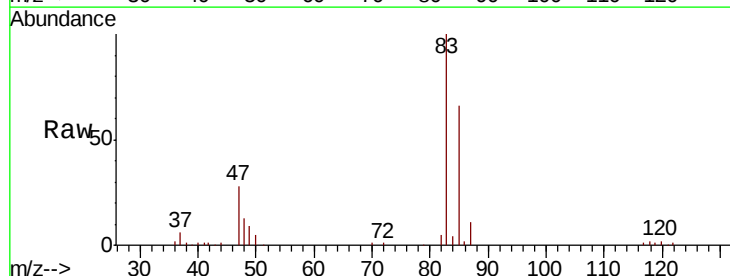
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

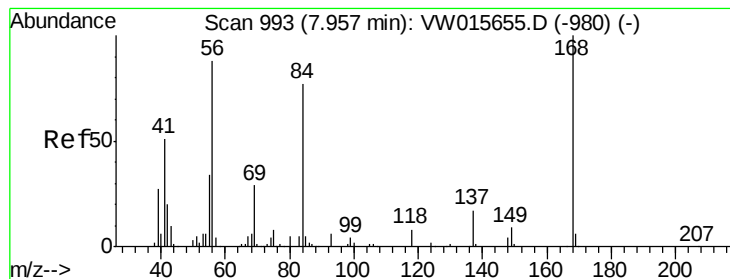
Tot Ion: 42 Resp: 36060
Ion Ratio Lower Upper
42 100
72 42.3 35.0 52.6
71 40.0 32.6 49.0



#30
Chloroform
Concen: 18.977 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 83 Resp: 86536
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.4





#31

Cyclohexane

Concen: 18.354 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleID :

VW0623SBS01

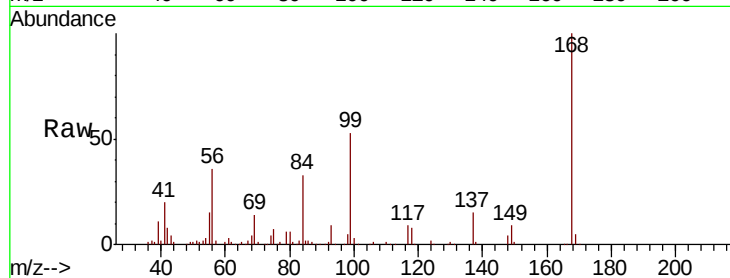
Tot Ion: 56 Resp: 78942

Ion Ratio Lower Upper

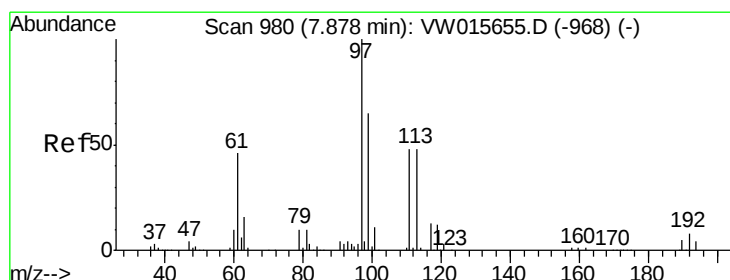
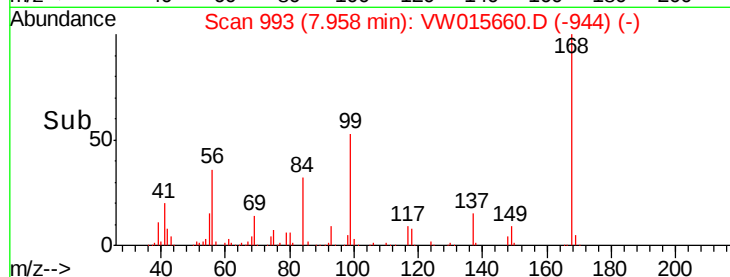
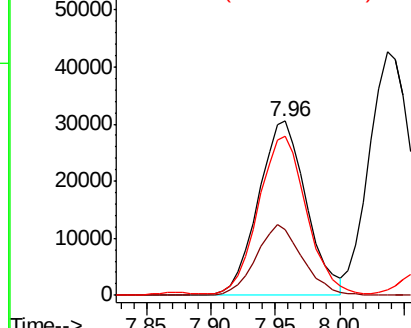
56 100

69 37.8 26.2 39.4

84 89.9 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: 18.837 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

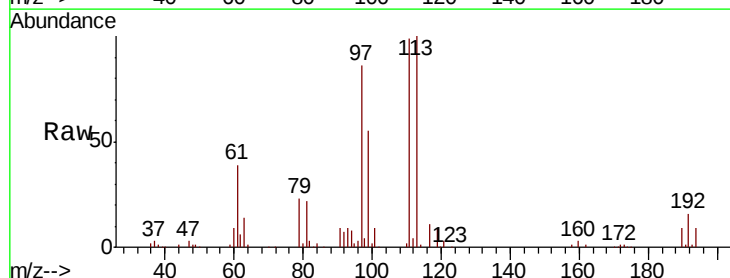
Tgt Ion: 97 Resp: 73223

Ion Ratio Lower Upper

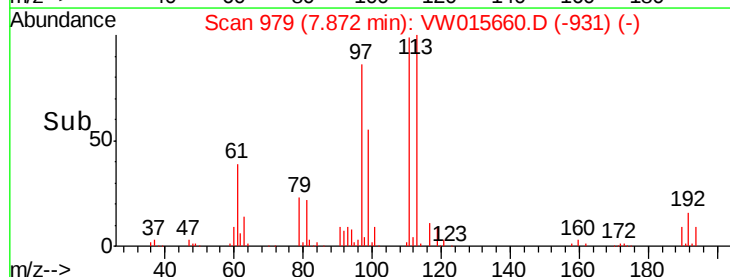
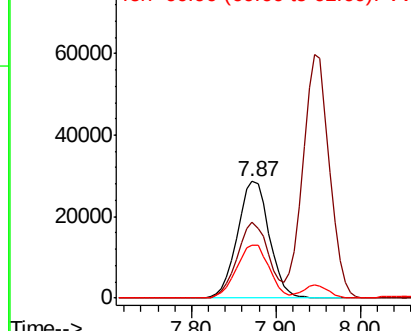
97 100

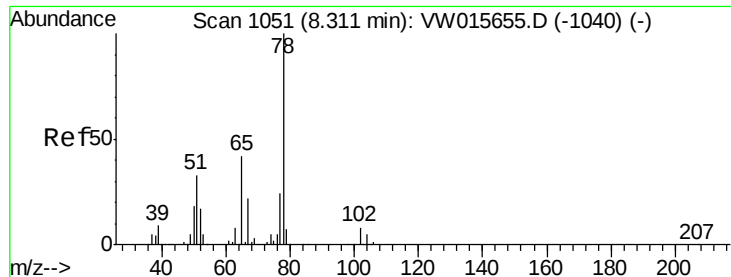
99 64.7 51.9 77.9

61 46.8 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: 50.610 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

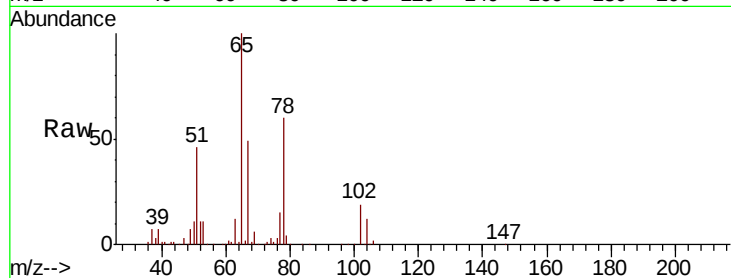
VW0623SBS01

Tot Ion: 65 Resp: 126369

Ion Ratio Lower Upper

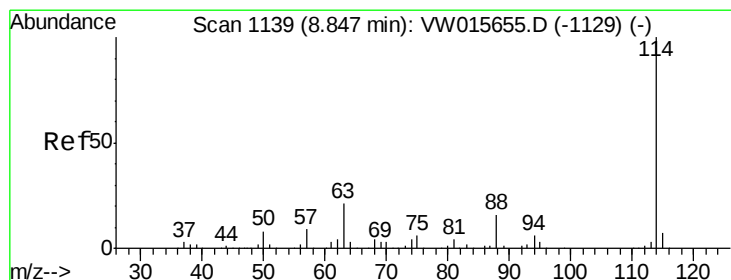
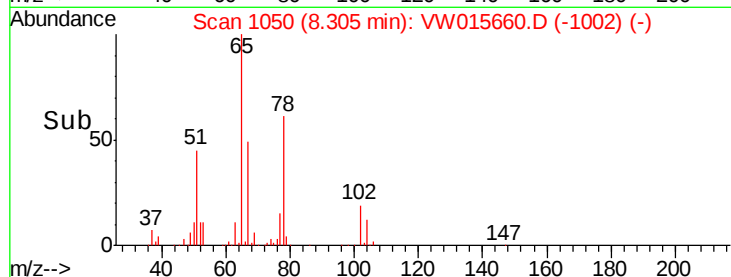
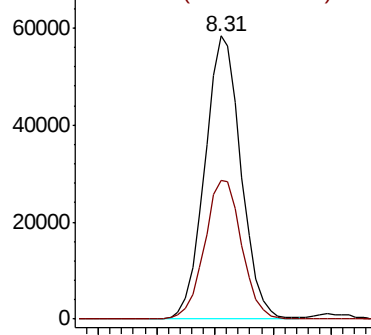
65 100

67 50.1 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

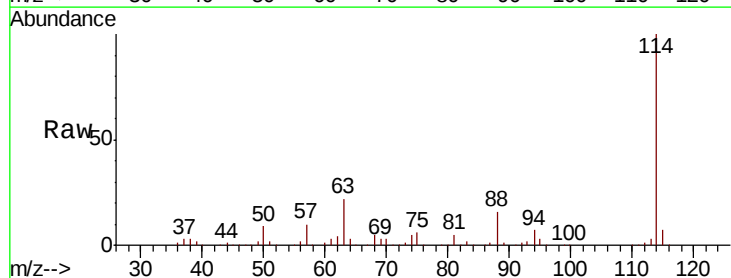
Tgt Ion: 114 Resp: 342843

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

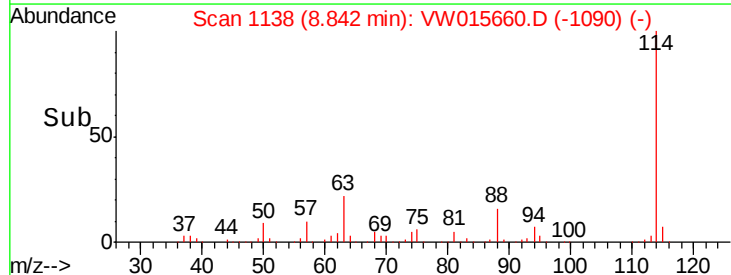
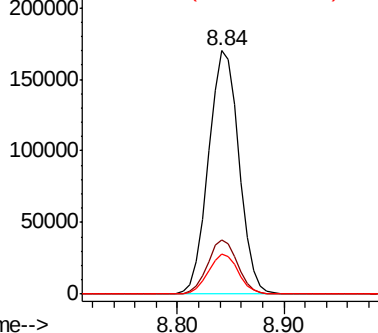
88 16.4 0.0 32.6

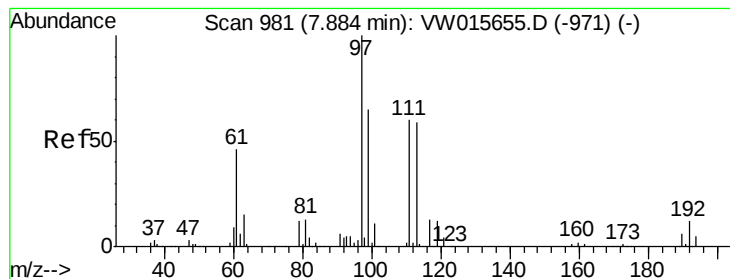


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.757 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

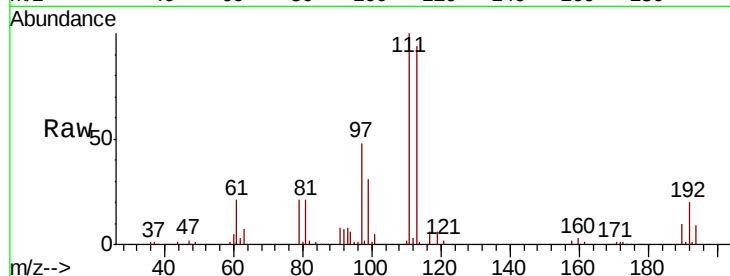
Tot Ion:113 Resp: 109461

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

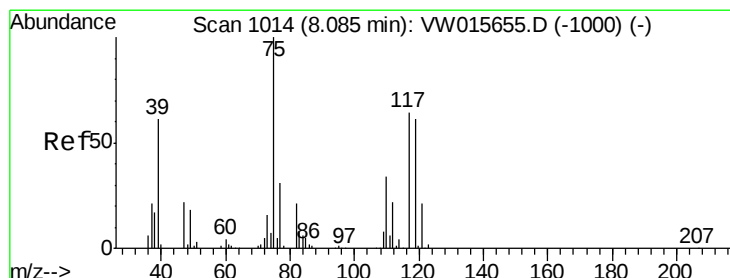
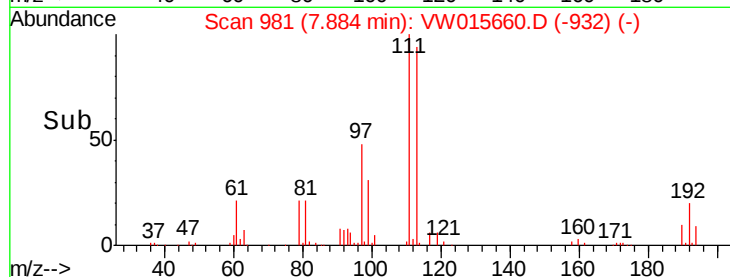
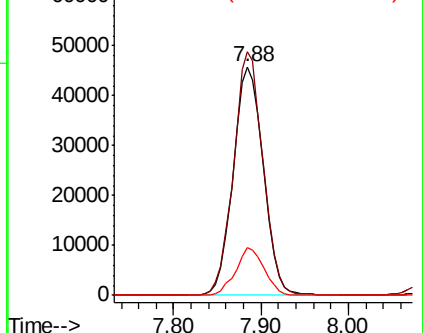
192 19.9 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.288 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

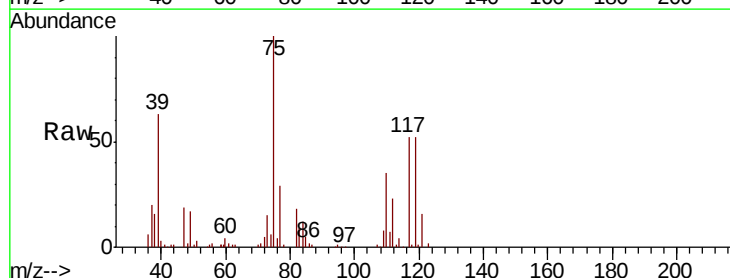
Tgt Ion: 75 Resp: 68778

Ion Ratio Lower Upper

75 100

110 34.4 17.0 51.0

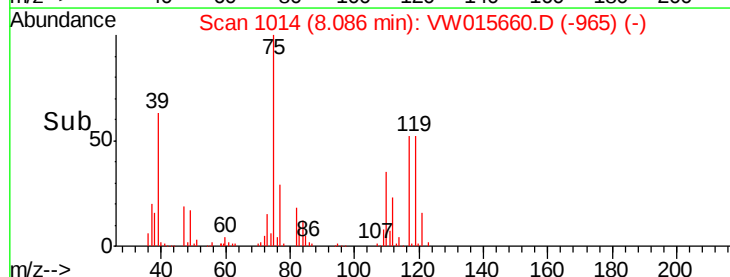
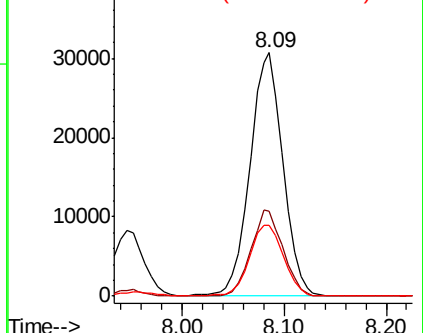
77 30.5 24.6 36.8

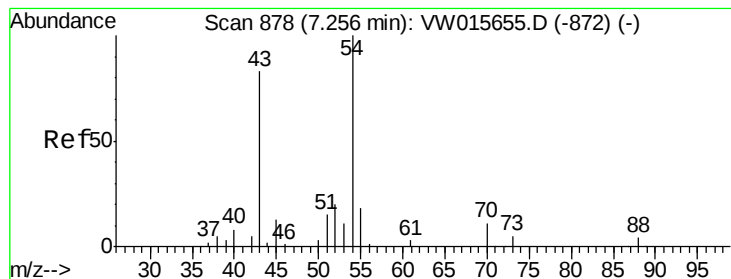


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 19.513 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

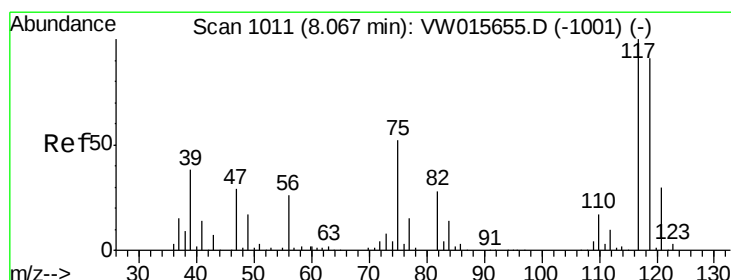
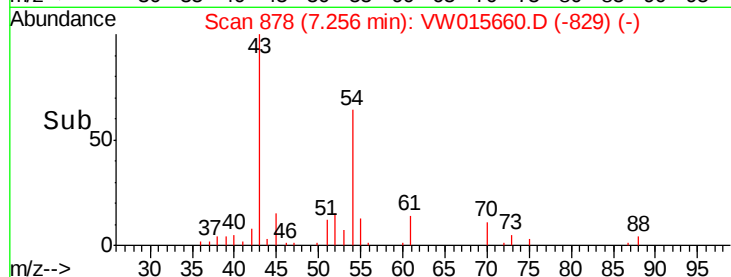
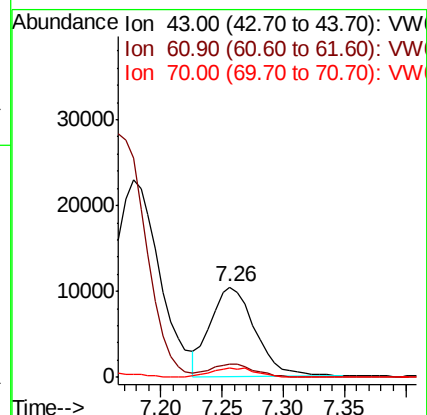
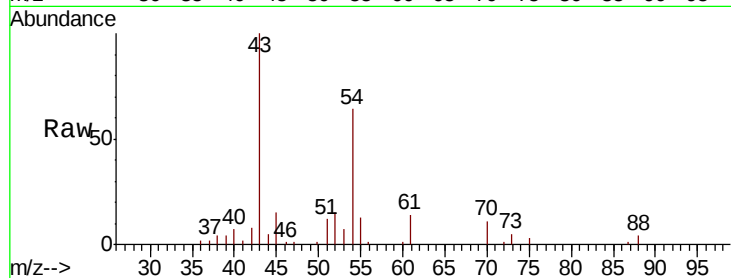
Tot Ion: 43 Resp: 26568

Ion Ratio Lower Upper

43 100

61 14.6 10.4 15.6

70 10.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 19.137 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

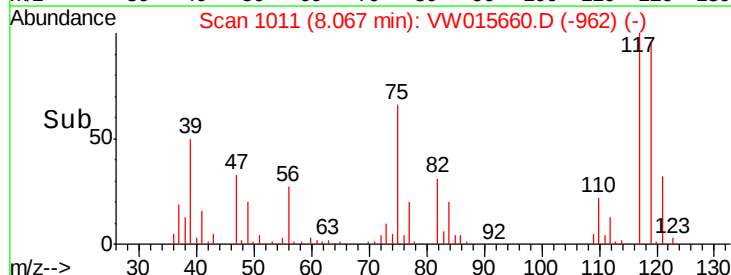
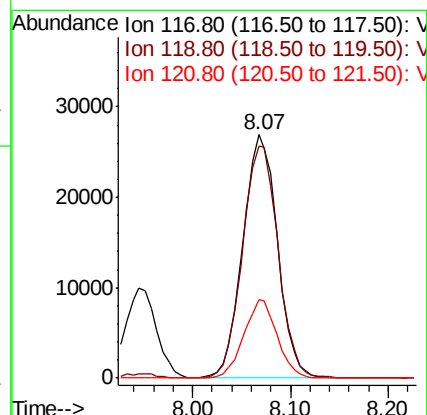
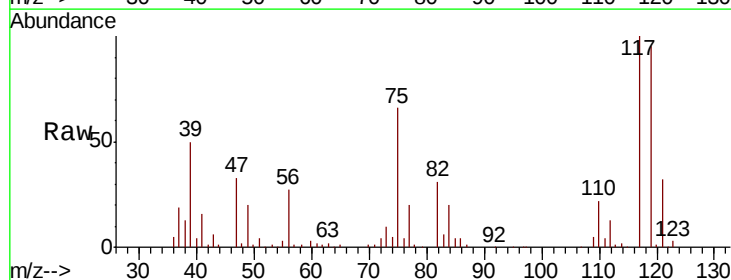
Tgt Ion: 117 Resp: 66150

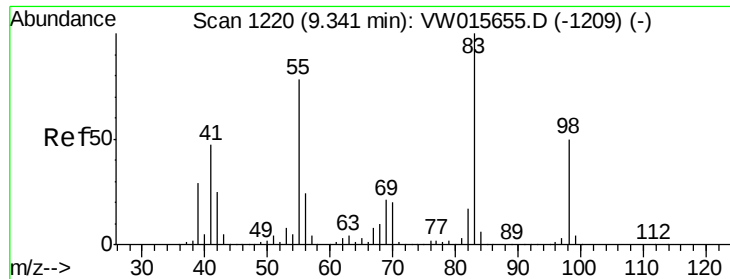
Ion Ratio Lower Upper

117 100

119 95.1 73.2 109.8

121 32.1 23.9 35.9





#39

Methvlcvclohexane

Concen: 18.934 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

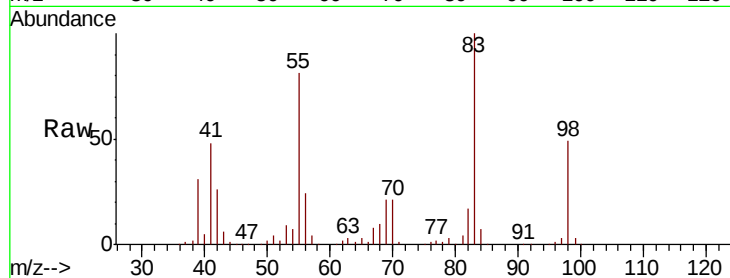
Tot Ion: 83 Resp: 81776

Ion Ratio Lower Upper

83 100

55 81.0 62.8 94.2

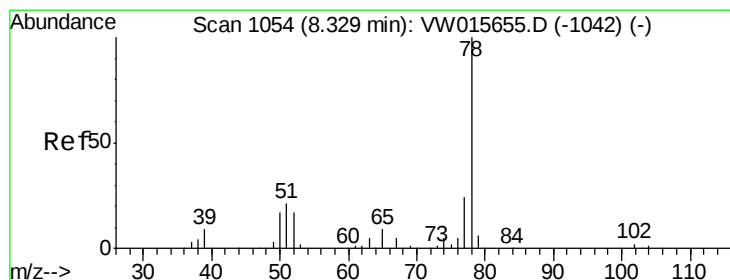
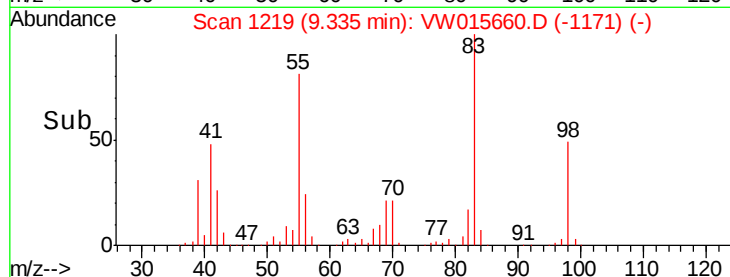
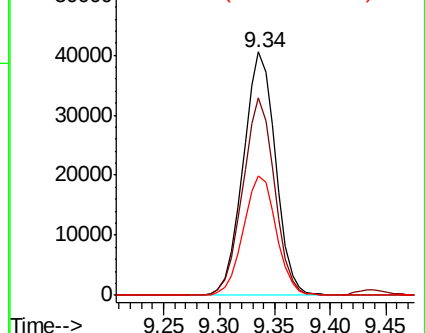
98 49.2 39.9 59.9



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: 19.342 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW015660.D

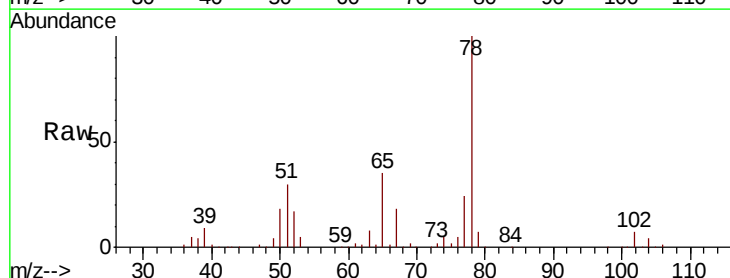
Acq: 23 Jun 2020 14:40

Tgt Ion: 78 Resp: 187543

Ion Ratio Lower Upper

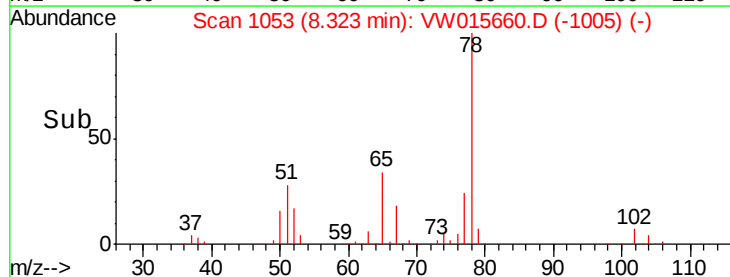
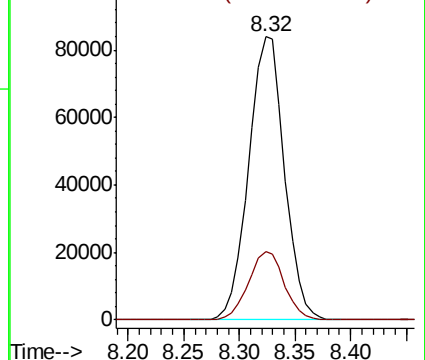
78 100

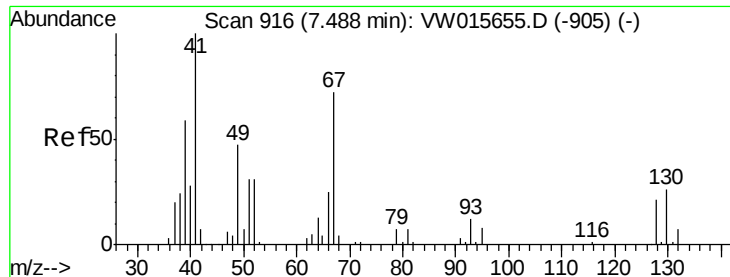
77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

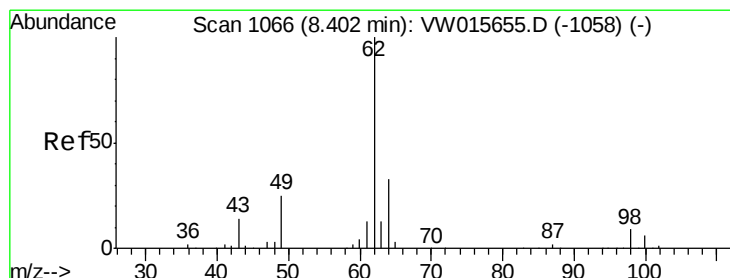
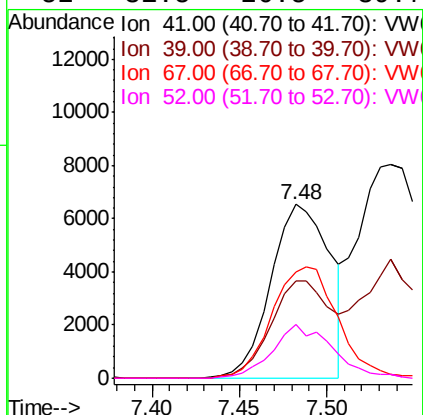
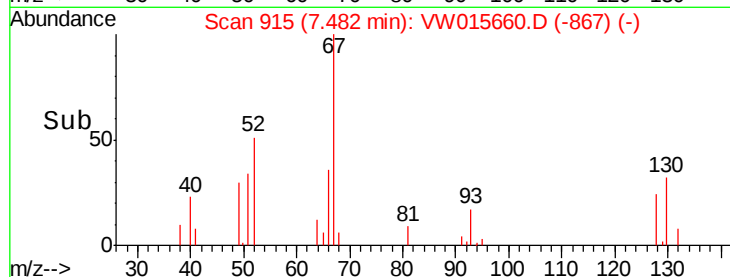
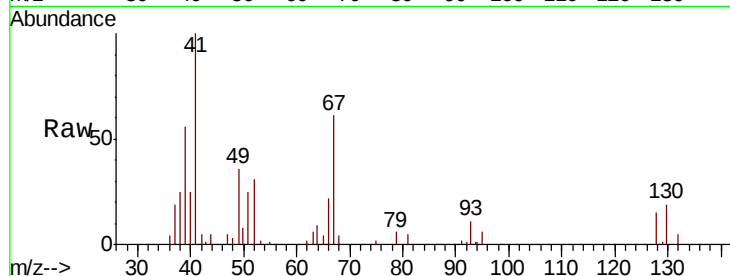




#41
Methacrylonitrile
Concen: 19.795 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

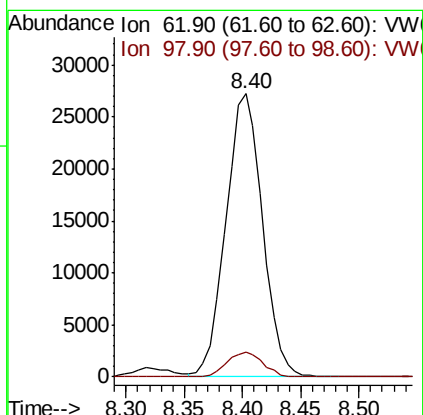
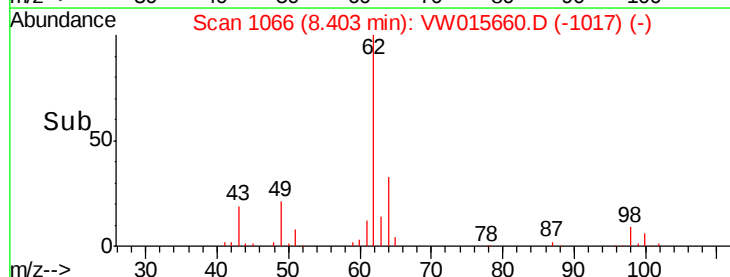
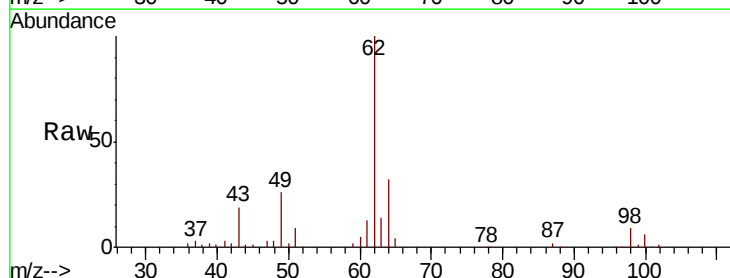
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

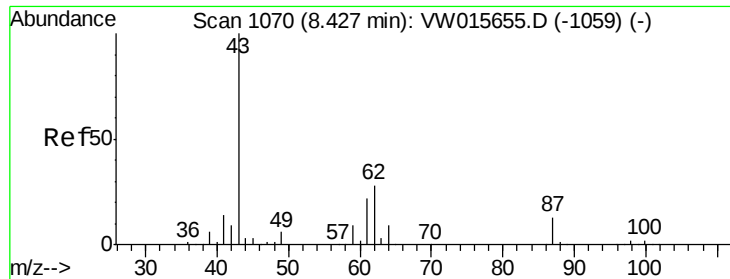
Tot Ion:	41	Resp:	15468
Ion	Ratio	Lower	Upper
41	100		
39	56.6	52.0	78.0
67	71.3	57.5	86.3
52	31.5	26.5	39.7



#42
1,2-Dichloroethane
Concen: 19.814 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion:	62	Resp:	59433
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 20.371 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

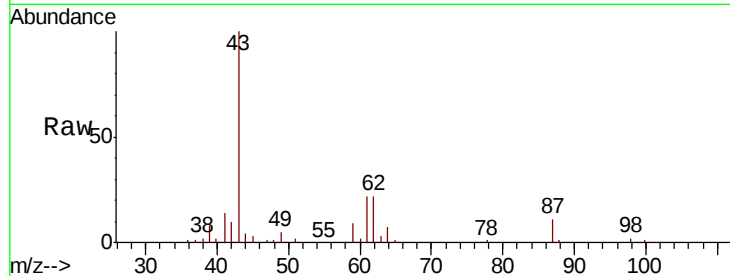
Tot Ion: 43 Resp: 55350

Ion Ratio Lower Upper

43 100

61 30.0 24.7 37.1

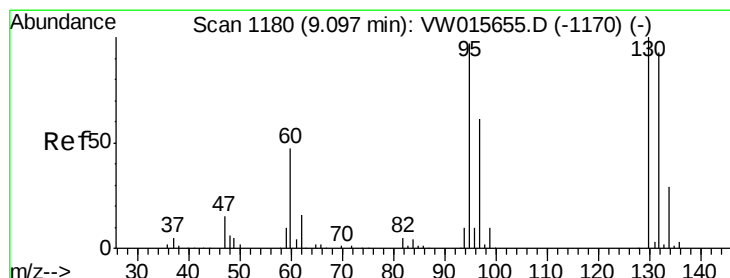
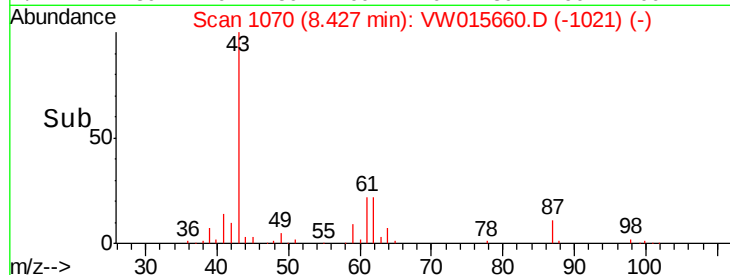
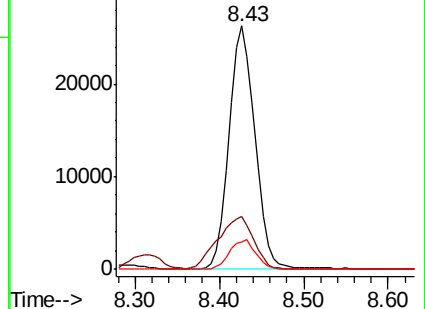
87 12.3 10.2 15.2



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: 19.040 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015660.D

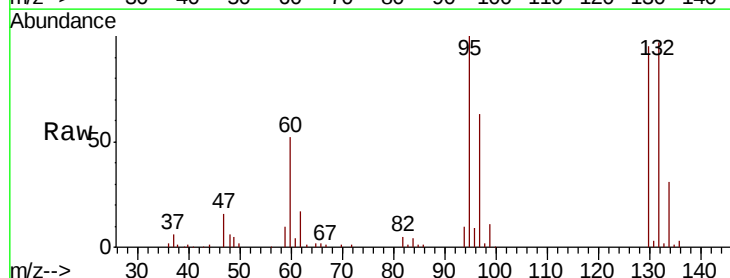
Acq: 23 Jun 2020 14:40

Tgt Ion: 130 Resp: 49761

Ion Ratio Lower Upper

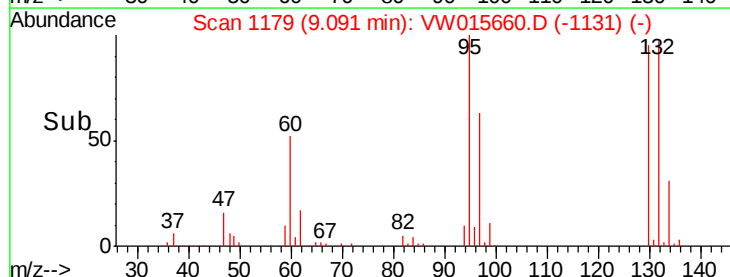
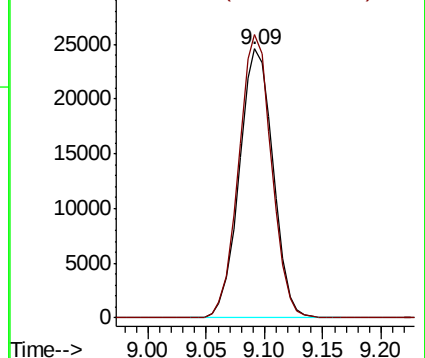
130 100

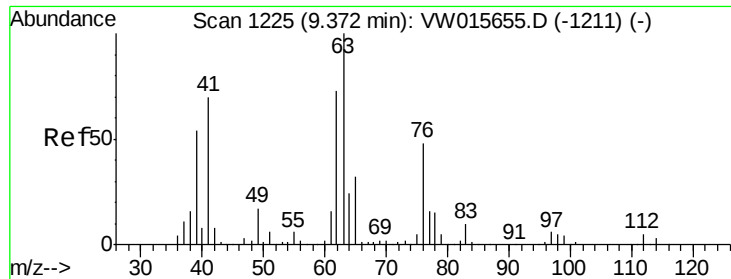
95 105.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

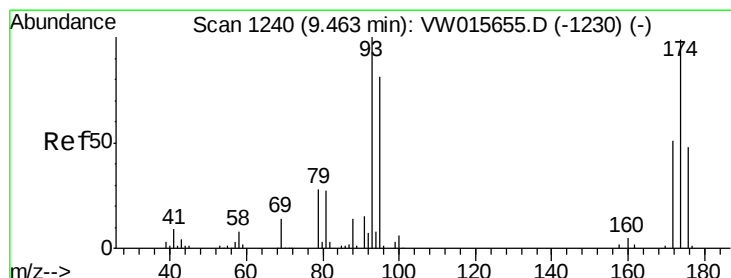
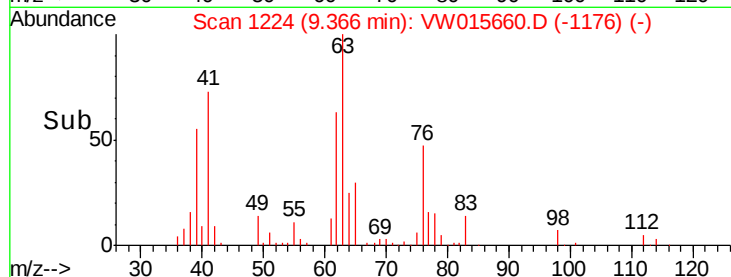
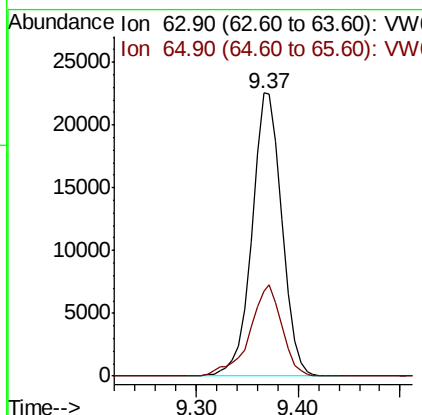
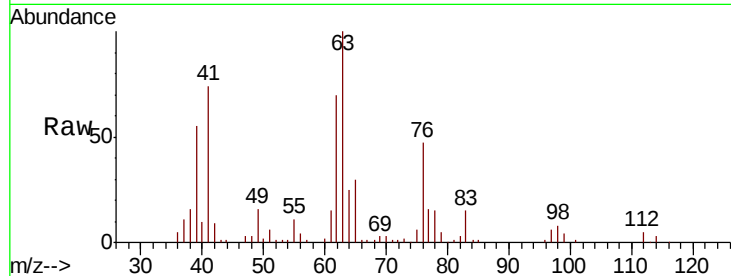




#45
 1,2-Dichloropropane
 Concen: 19.430 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

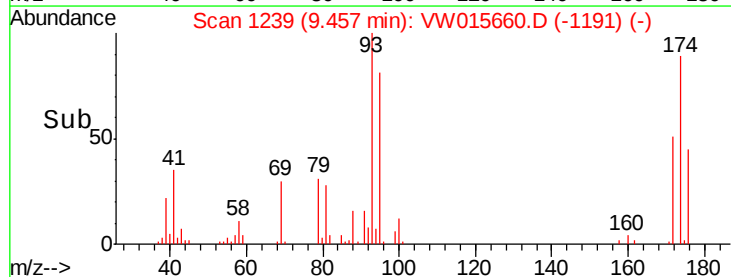
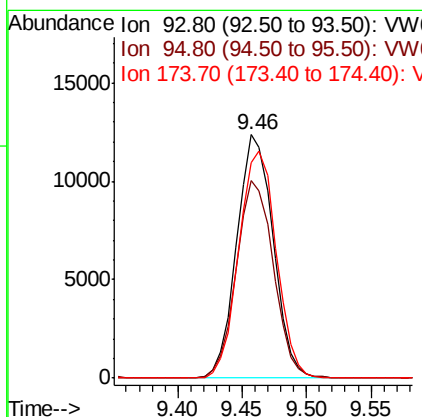
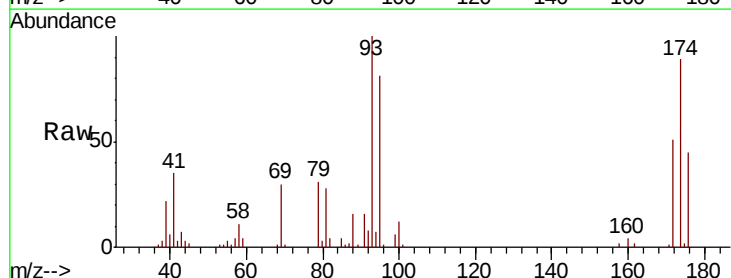
Instrument :
 MSVOA_W
 ClientSampled :
 VW0623SBS01

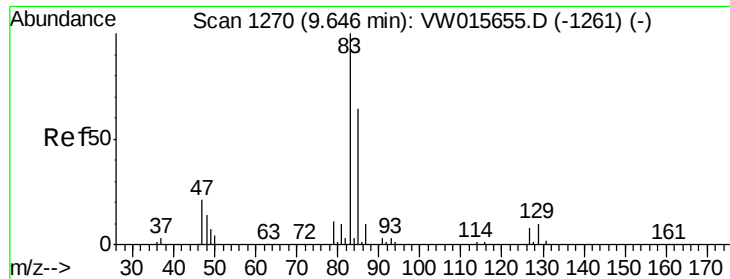
Tot Ion: 63 Resp: 46048
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.3 37.9



#46
 Dibromomethane
 Concen: 19.740 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion: 93 Resp: 24206
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.7 98.5
 174 95.9 79.0 118.6

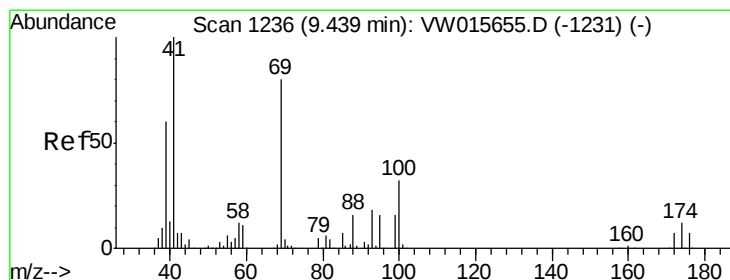
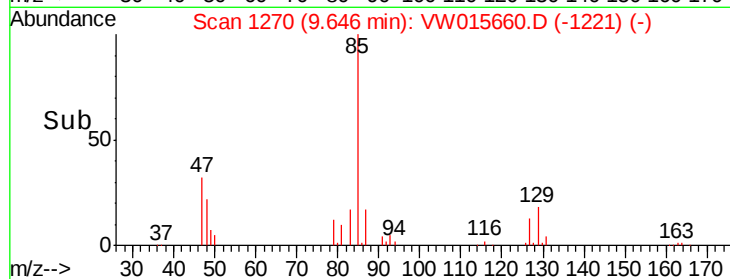
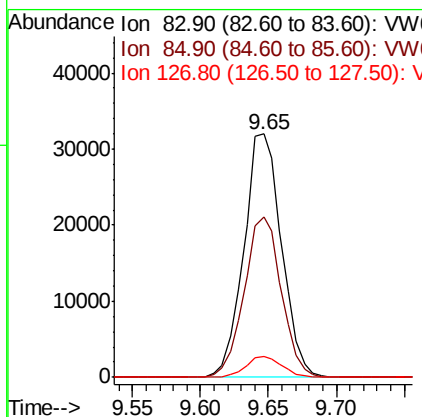
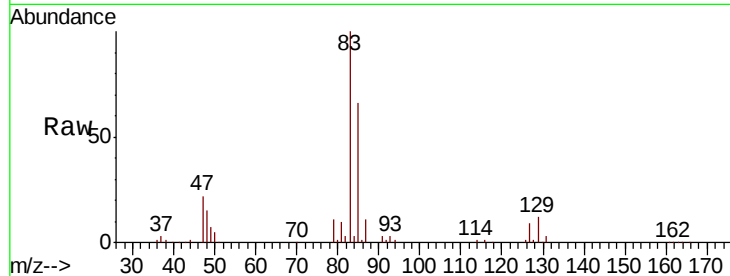




#47
Bromodichloromethane
Concen: 19.355 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

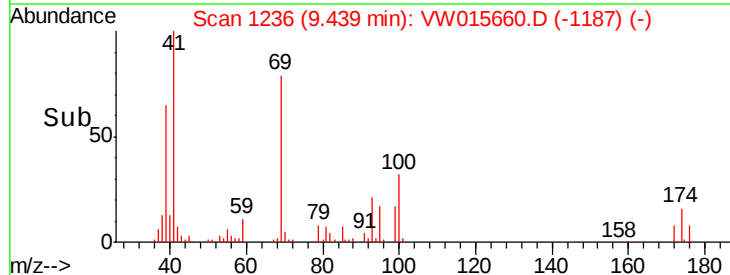
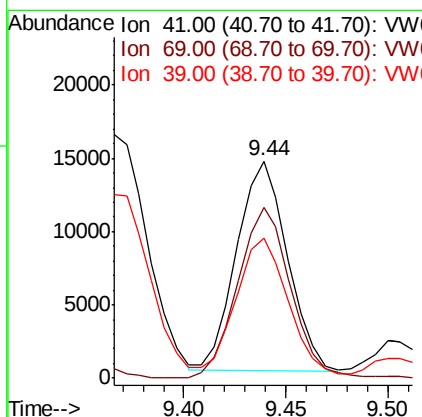
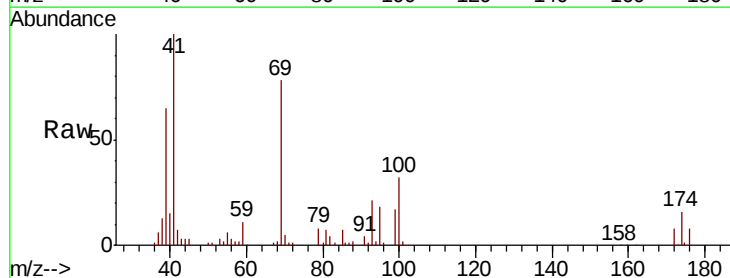
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

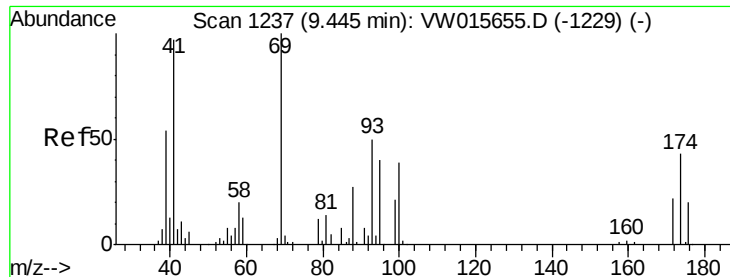
Tot Ion: 83 Resp: 61909
Ion Ratio Lower Upper
83 100
85 65.8 50.8 76.2
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 19.831 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 41 Resp: 24634
Ion Ratio Lower Upper
41 100
69 85.8 68.2 102.2
39 64.9 49.8 74.6





#49

1,4-Dioxane

Concen: 371.689 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

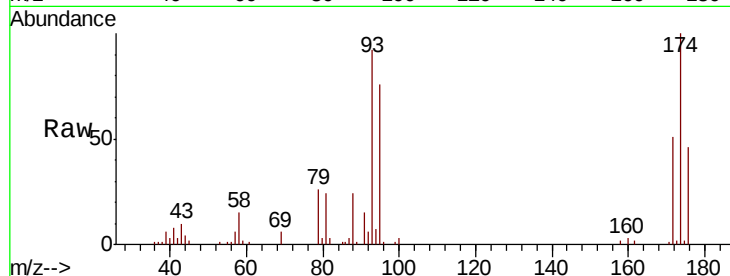
Tot Ion: 88 Resp: 5979

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

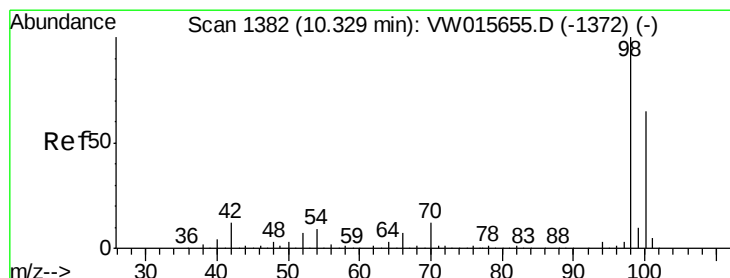
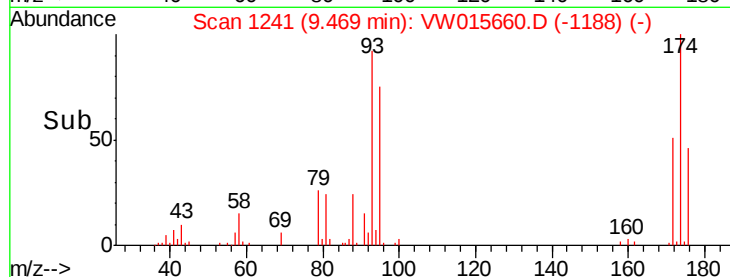
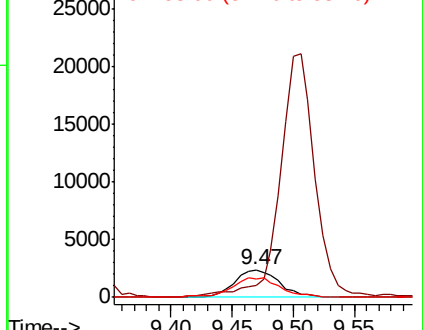
58 76.6 56.1 84.1



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: 51.559 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015660.D

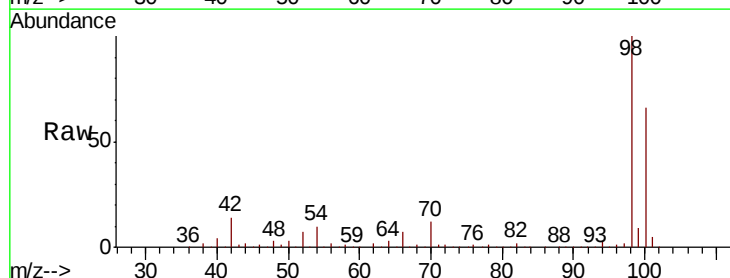
Acq: 23 Jun 2020 14:40

Tgt Ion: 98 Resp: 437581

Ion Ratio Lower Upper

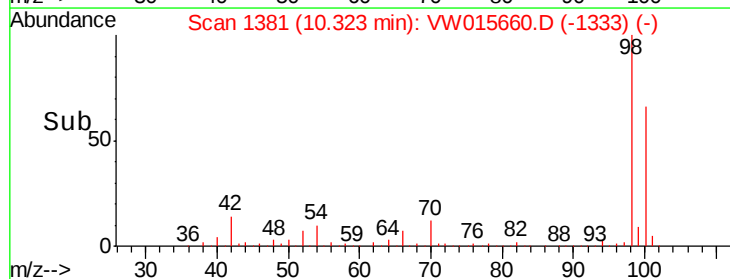
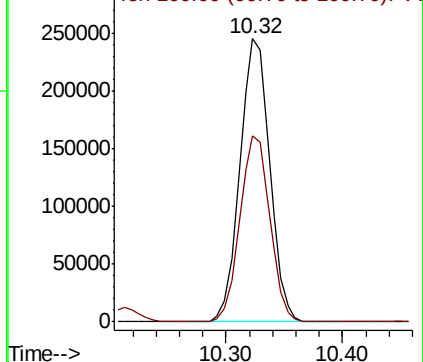
98 100

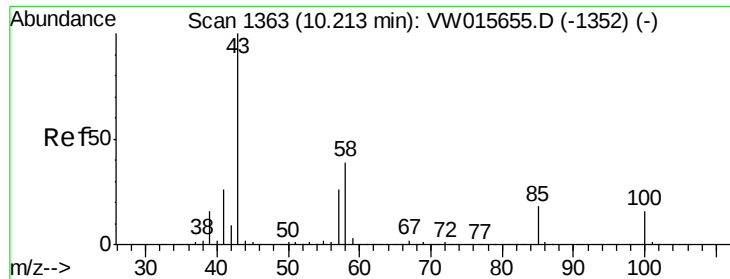
100 66.3 52.8 79.2



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: 100.612 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

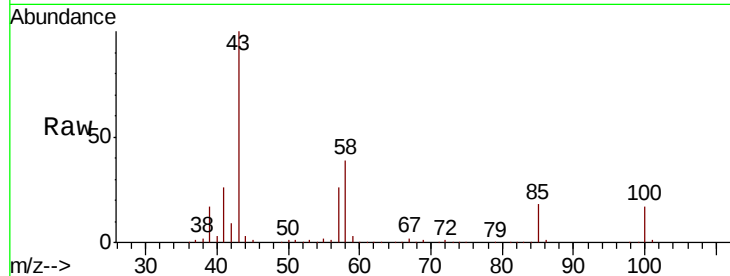
VW0623SBS01

Tot Ion: 43 Resp: 131833

Ion Ratio Lower Upper

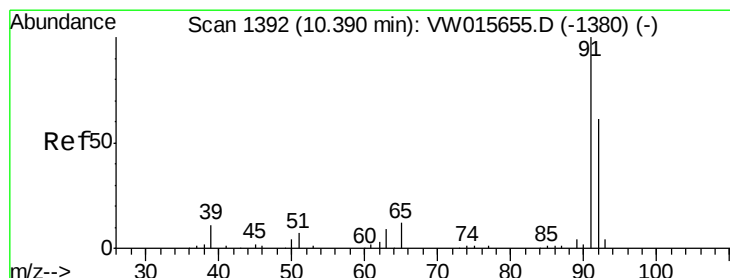
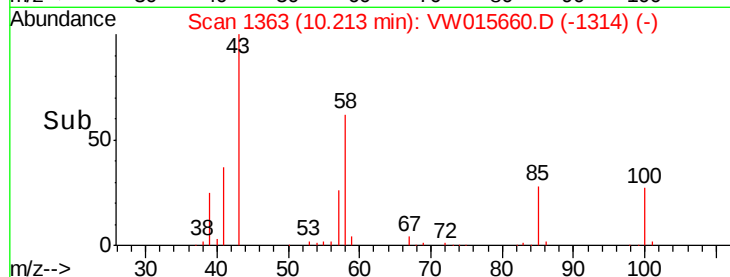
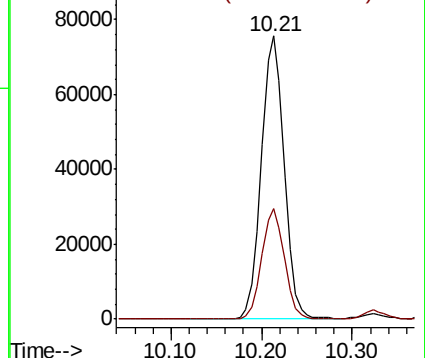
43 100

58 38.5 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.774 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015660.D

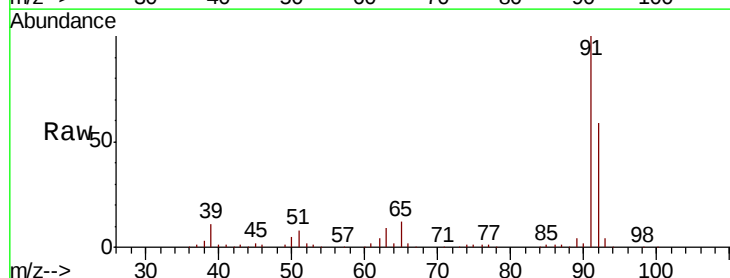
Acq: 23 Jun 2020 14:40

Tgt Ion: 92 Resp: 123798

Ion Ratio Lower Upper

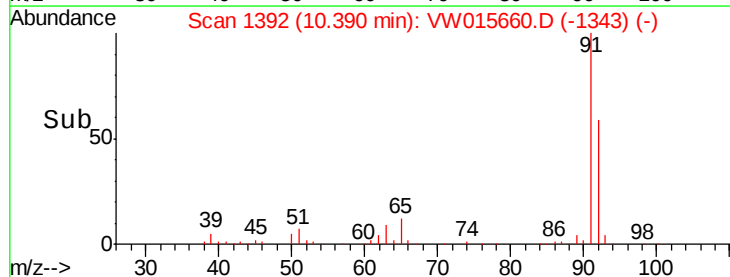
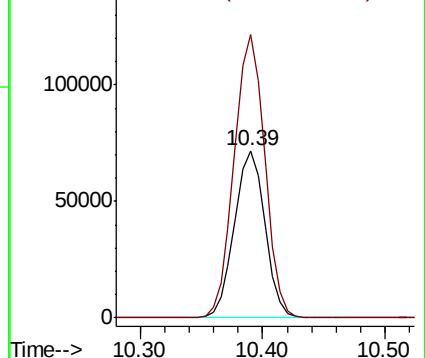
92 100

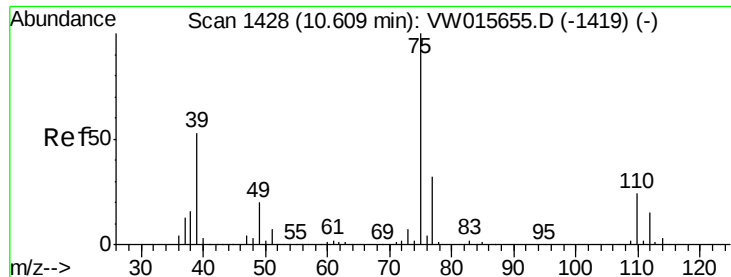
91 170.4 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.372 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

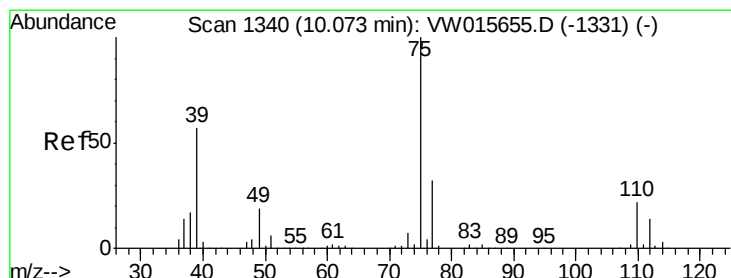
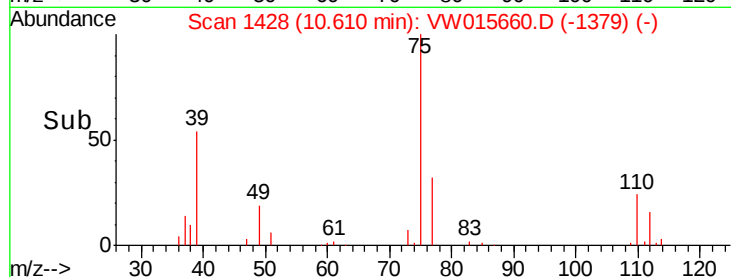
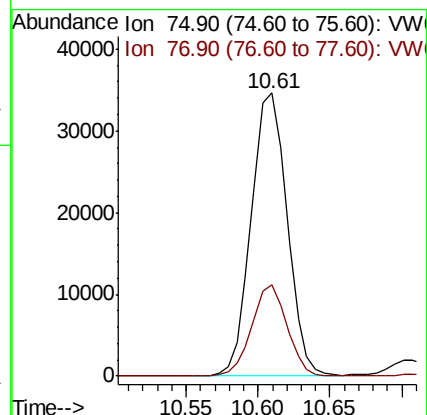
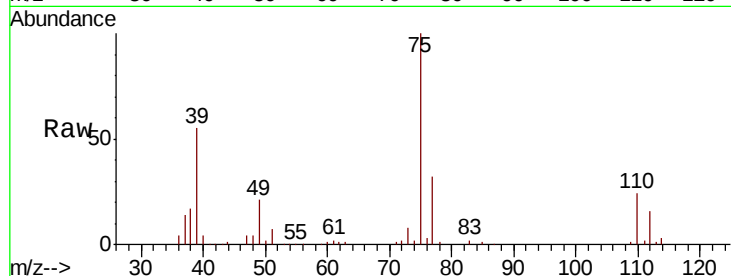
VW0623SBS01

Tot Ion: 75 Resp: 59858

Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.378 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

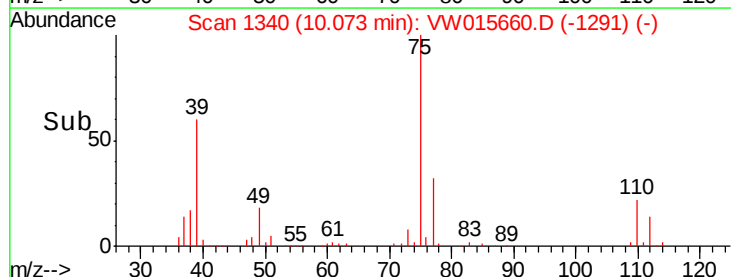
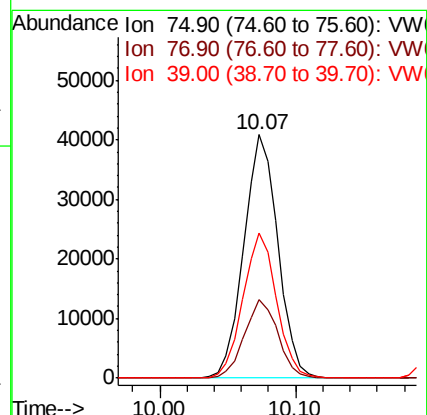
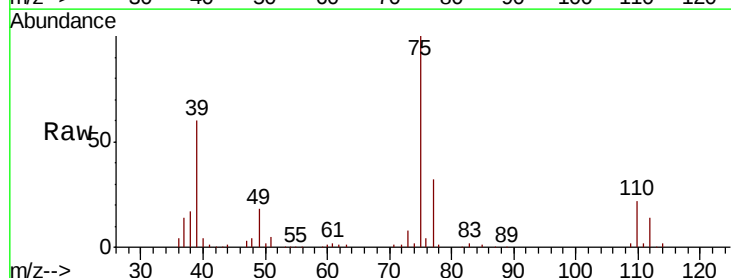
Tgt Ion: 75 Resp: 71530

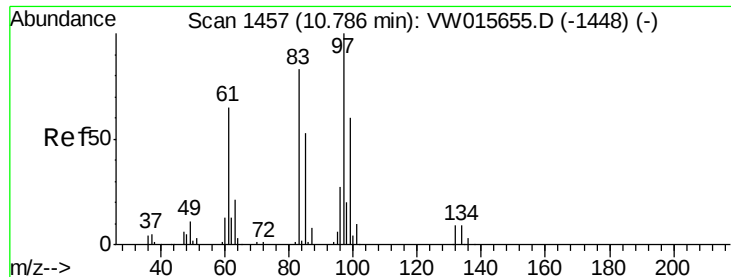
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 59.6 45.8 68.6

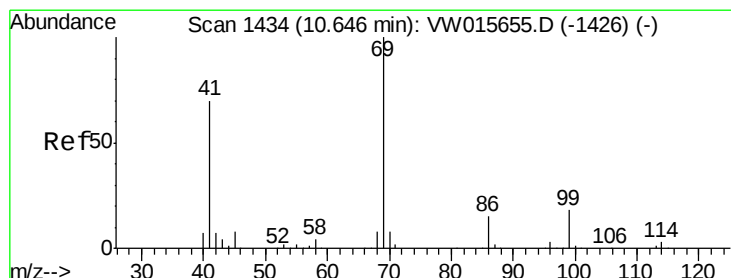
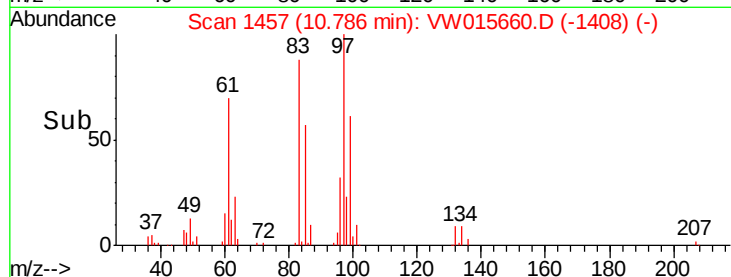
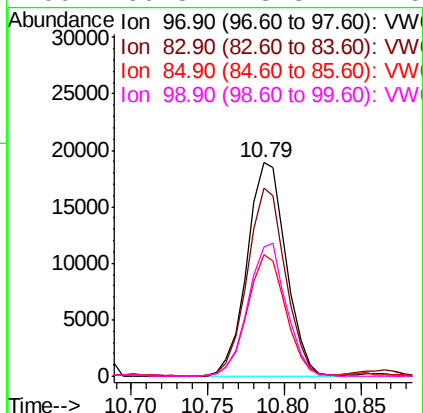
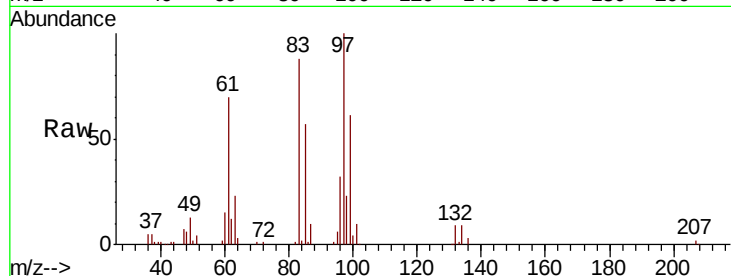




#55
 1,1,2-Trichloroethane
 Concen: 19.680 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

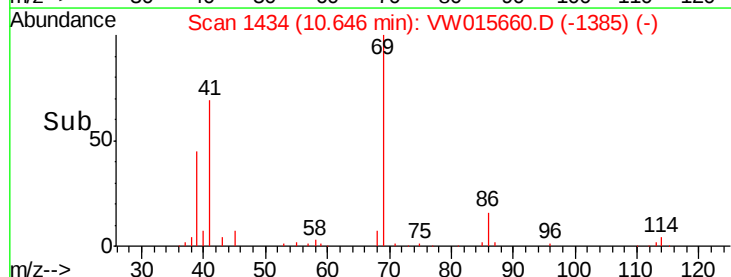
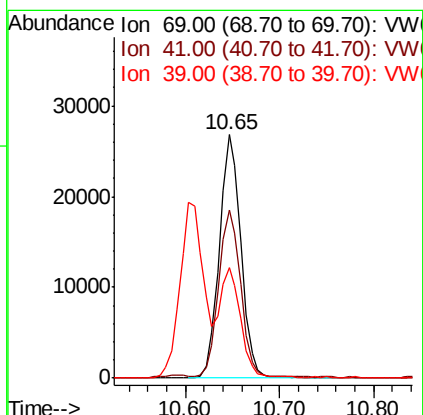
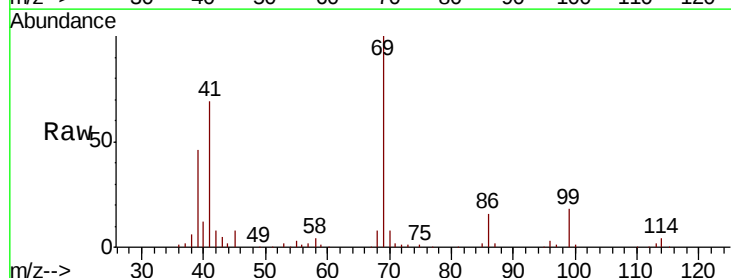
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

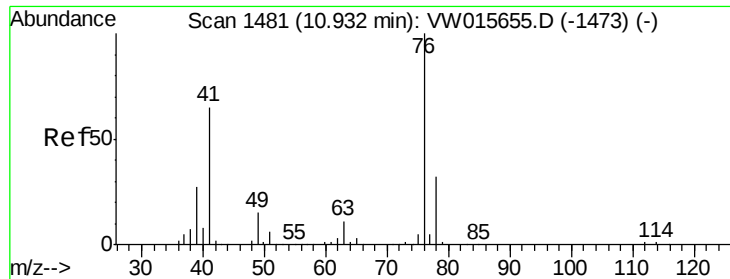
Tot Ion:	97	Resp:	33553
Ion	Ratio	Lower	Upper
97	100		
83	87.9	66.3	99.5
85	57.2	42.5	63.7
99	60.8	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 20.064 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion:	69	Resp:	42563
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.6
39	44.2	29.5	44.3

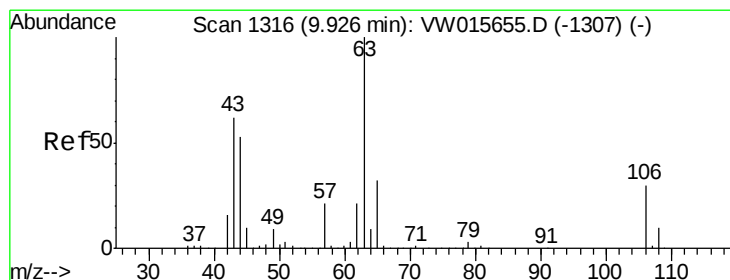
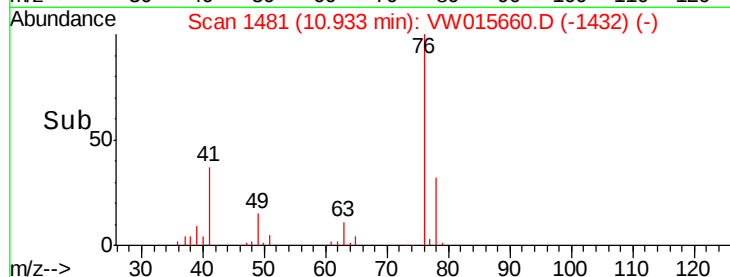
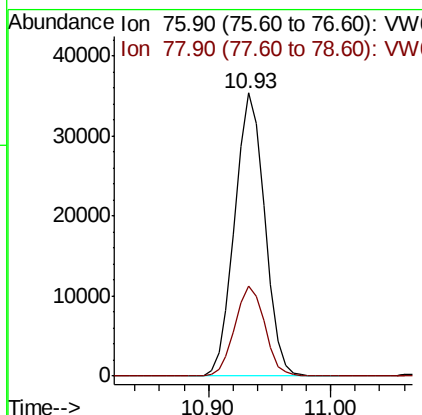
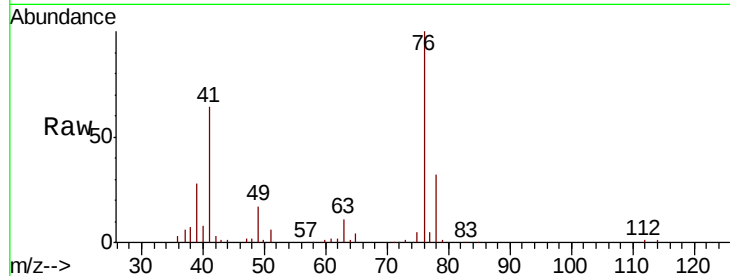




#57
 1,3-Dichloropropane
 Concen: 19.912 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

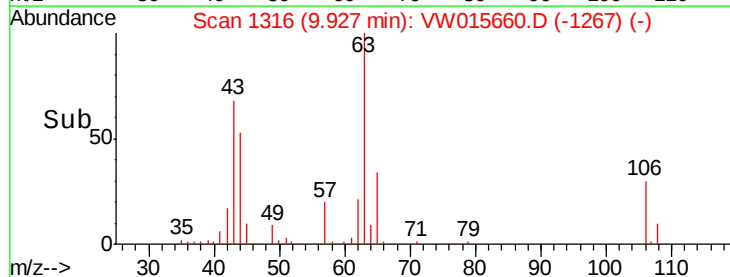
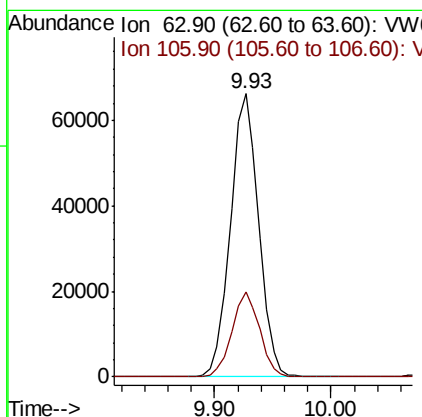
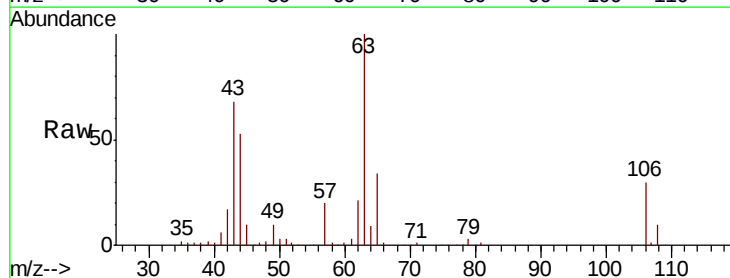
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

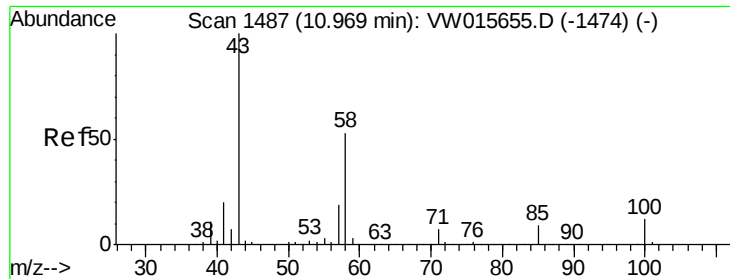
Tot Ion: 76 Resp: 60184
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.155 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion: 63 Resp: 111585
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.3 34.9

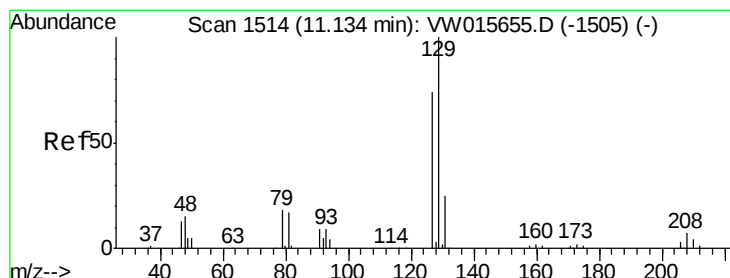
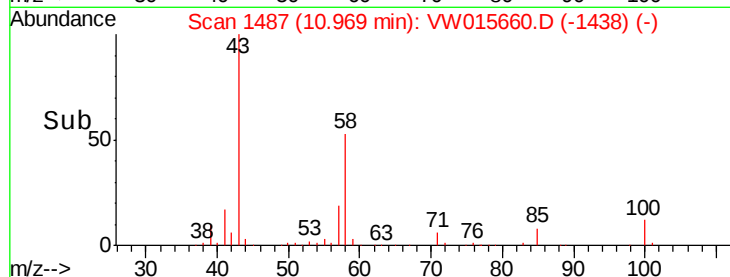
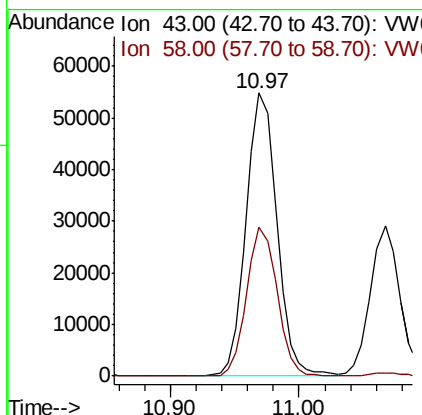
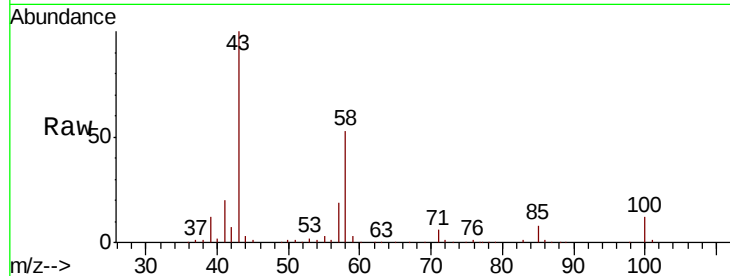




#59
2-Hexanone
Concen: 101.620 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

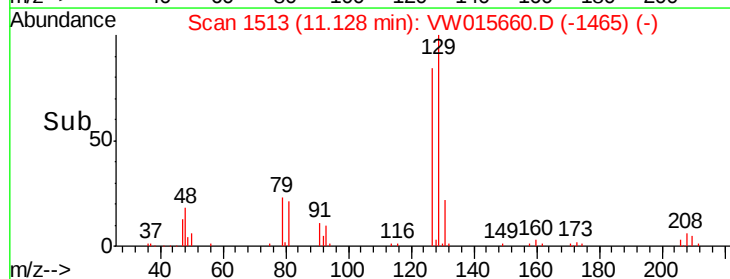
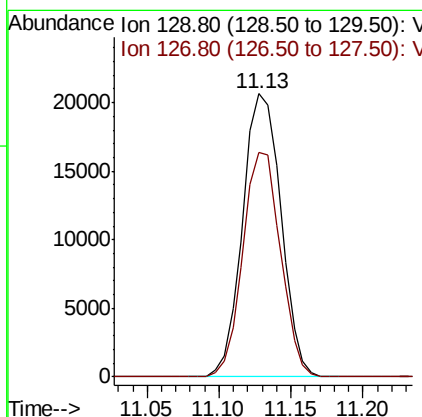
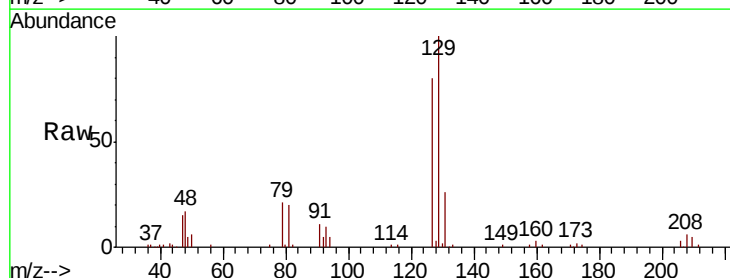
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

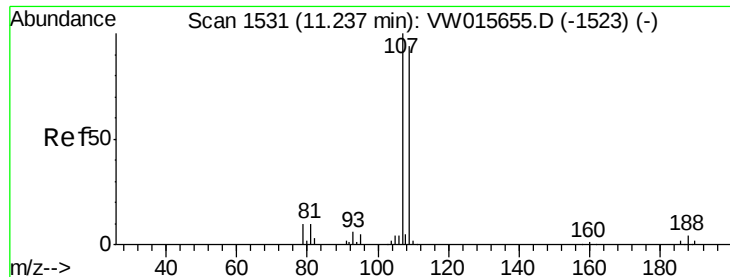
Tot Ion: 43 Resp: 90650
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.4



#60
Dibromochloromethane
Concen: 19.154 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 129 Resp: 38055
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.1

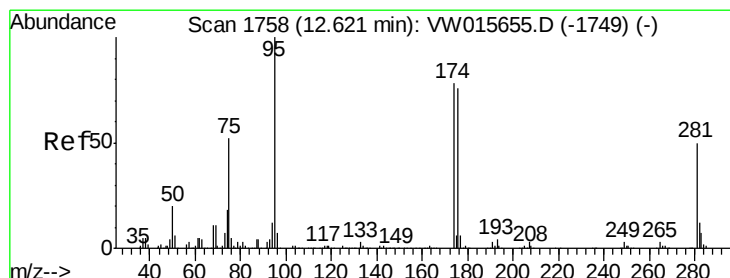
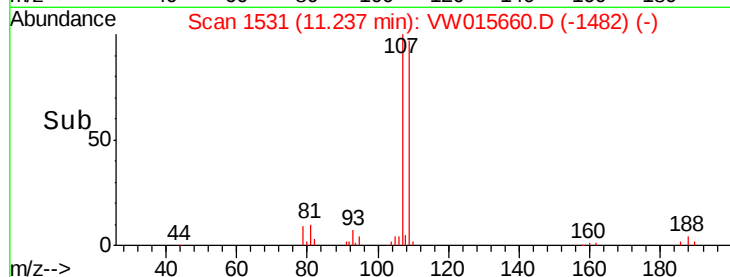
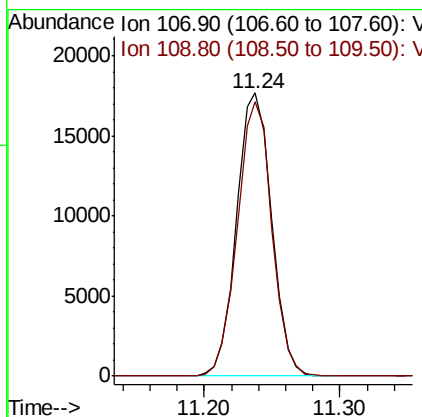
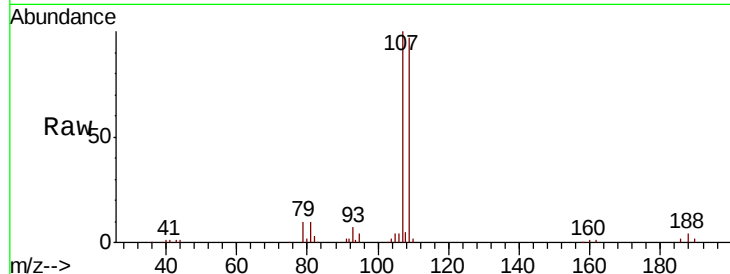




#61
 1,2-Dibromoethane
 Concen: 19.488 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

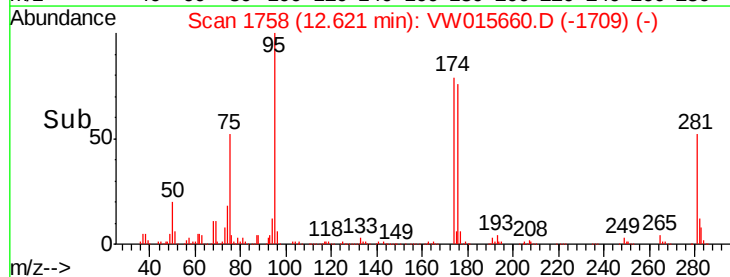
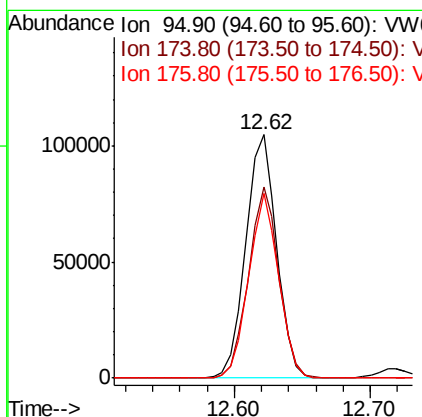
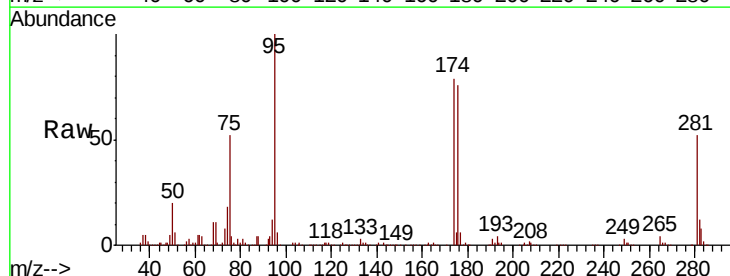
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

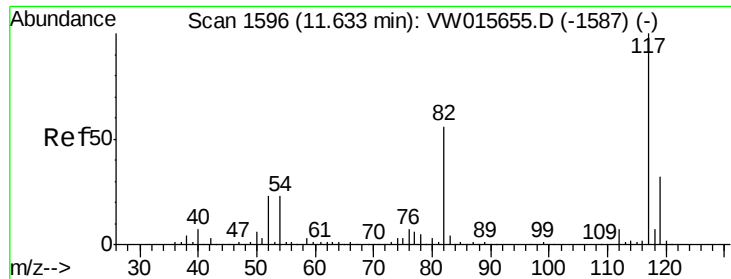
Tot Ion:107 Resp: 31759
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 53.220 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion: 95 Resp: 166340
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 157.0
 176 73.9 0.0 151.4

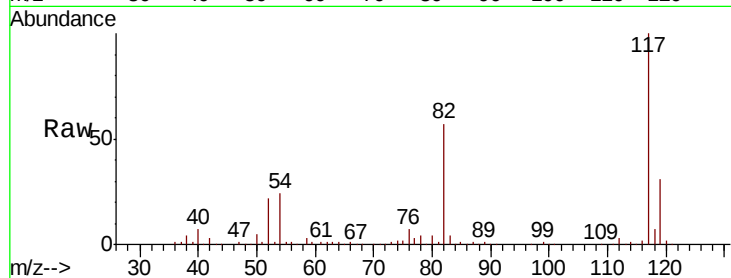




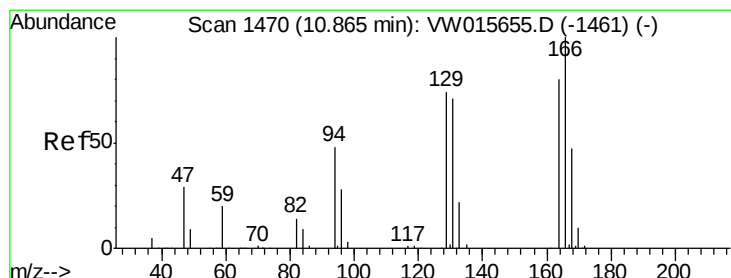
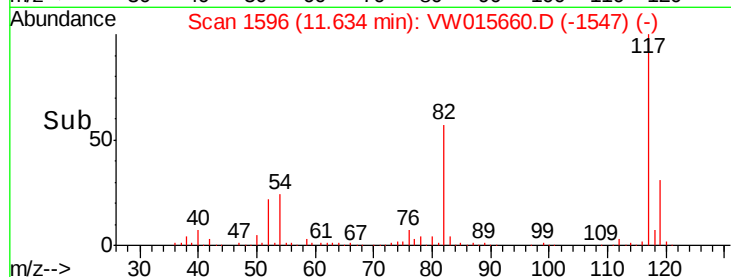
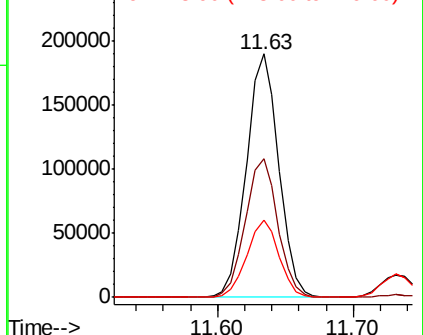
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion:117 Resp: 316112
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 31.5 25.8 38.8



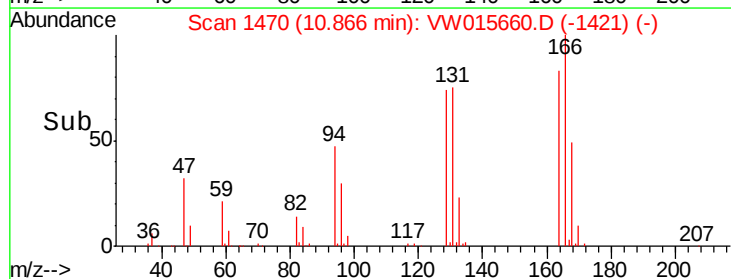
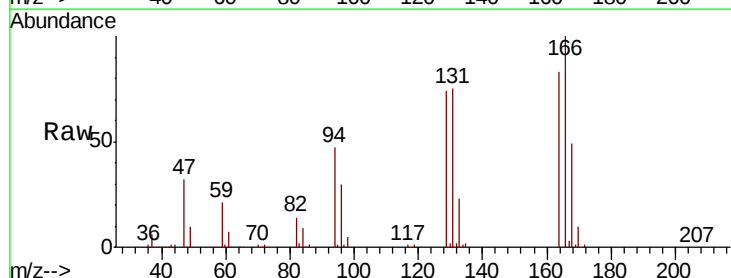
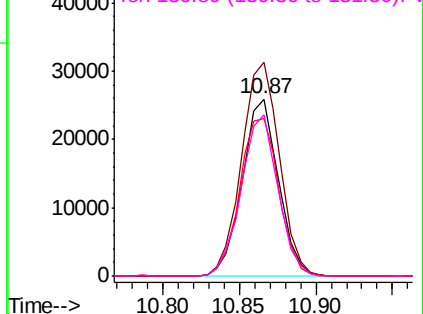
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

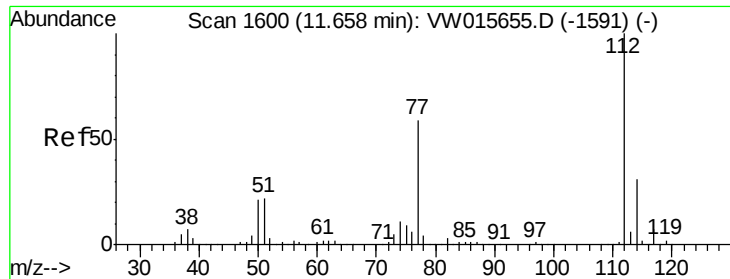


#64
Tetrachloroethene
Concen: 19.211 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion:164 Resp: 42663
Ion Ratio Lower Upper
164 100
166 120.9 99.9 149.9
129 89.4 74.2 111.2
131 91.0 71.4 107.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

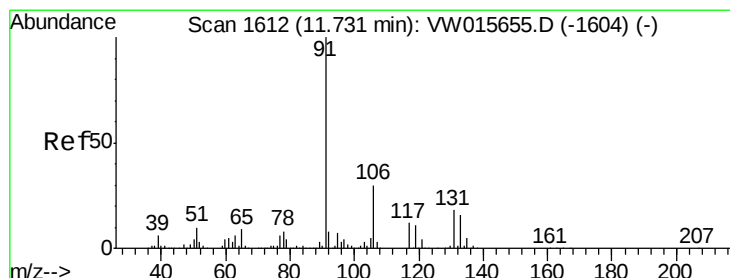
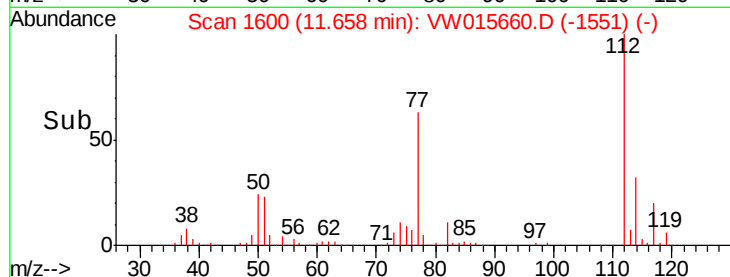
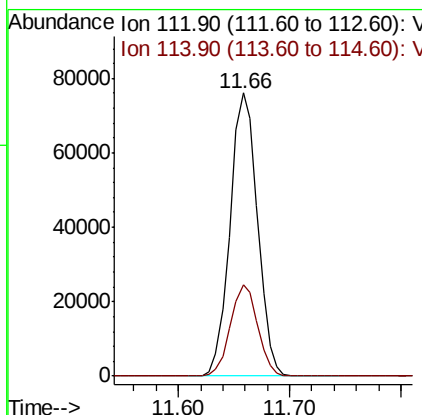
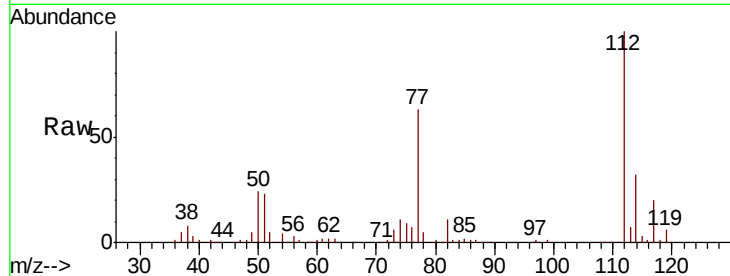




#65
Chlorobenzene
Concen: 19.439 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

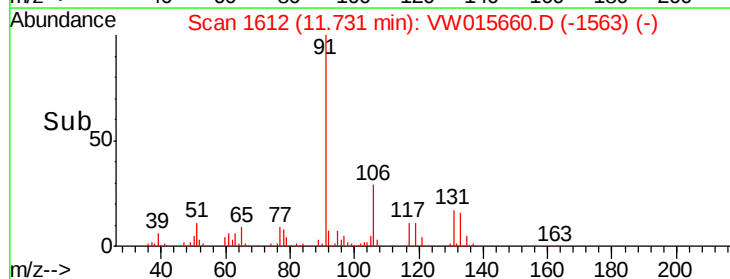
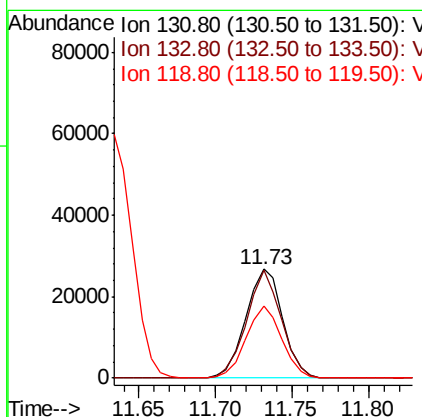
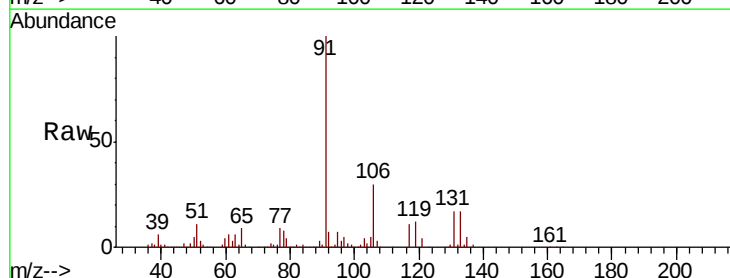
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

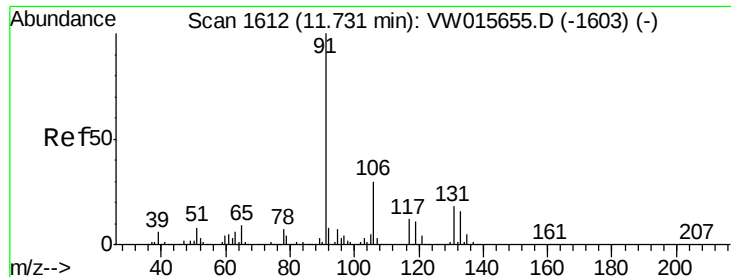
Tot Ion:112 Resp: 129561
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.197 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion:131 Resp: 44862
Ion Ratio Lower Upper
131 100
133 93.5 46.5 139.5
119 64.3 32.5 97.5

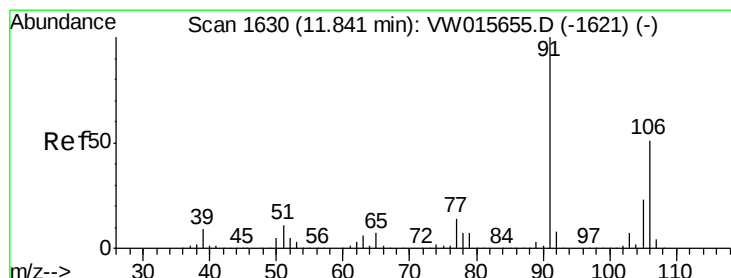
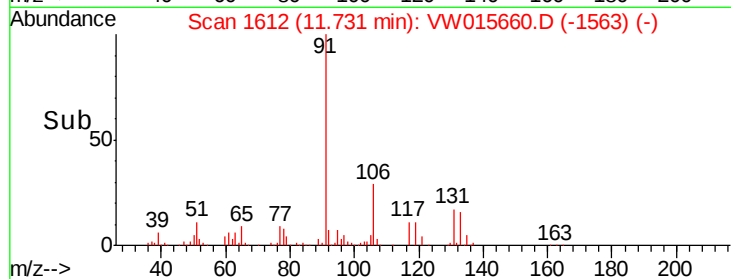
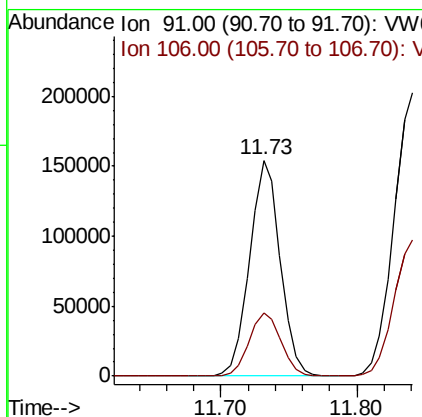
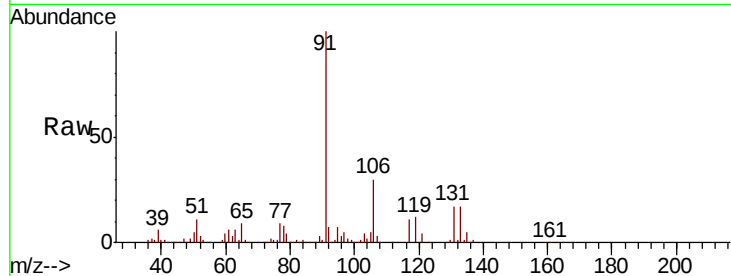




#67
Ethyl Benzene
Concen: 19.599 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

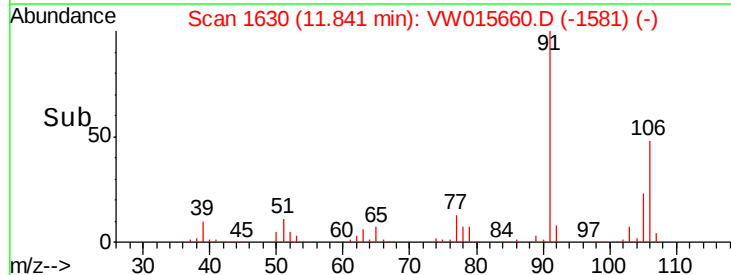
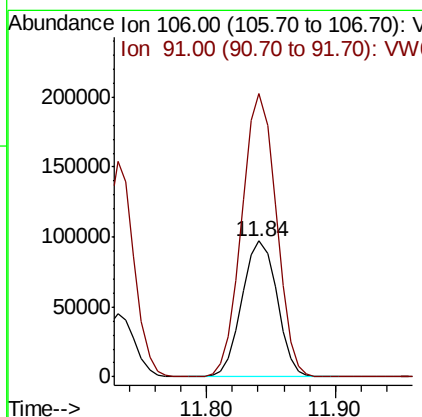
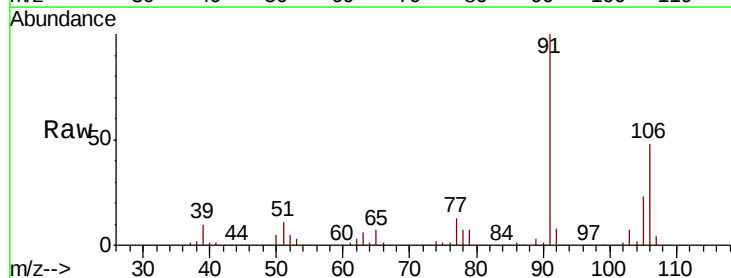
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

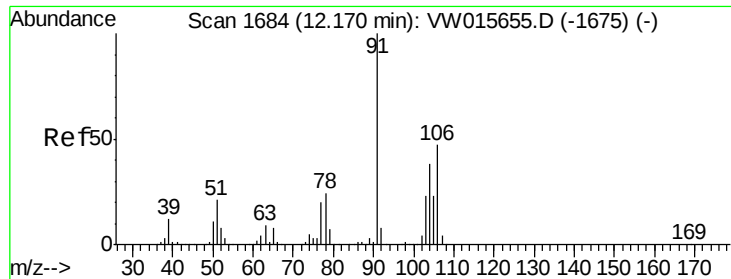
Tot Ion: 91 Resp: 243096
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1



#68
m/p-Xylenes
Concen: 39.237 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion: 106 Resp: 182749
Ion Ratio Lower Upper
106 100
91 205.7 162.6 244.0

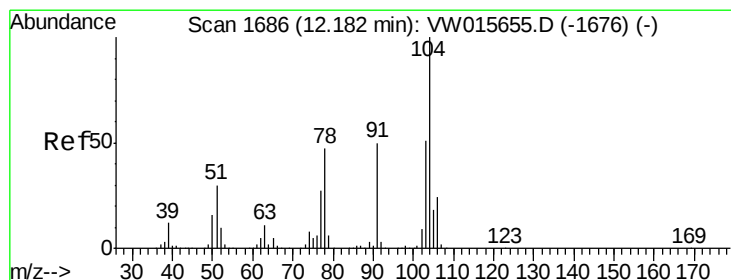
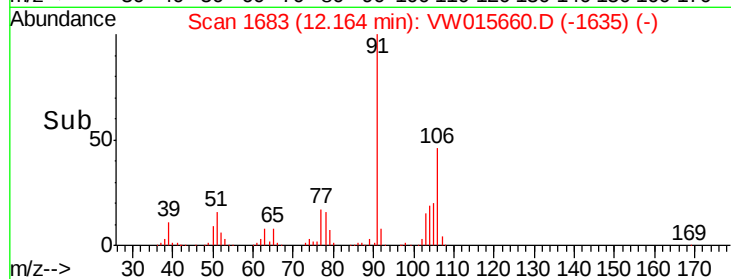
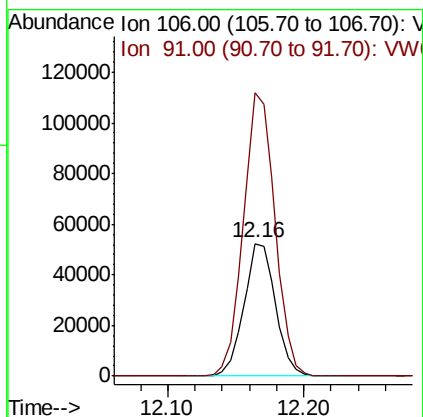
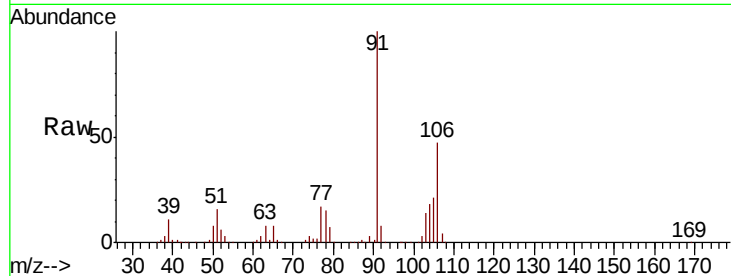




#69
o-Xylene
Concen: 19.763 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

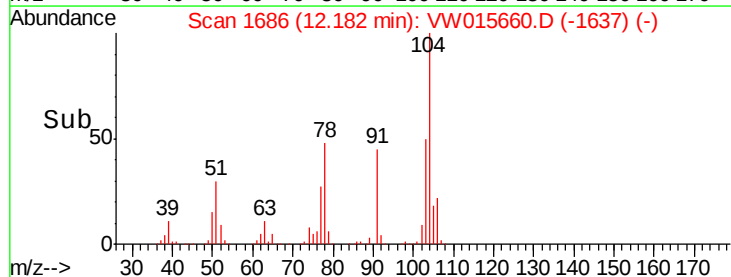
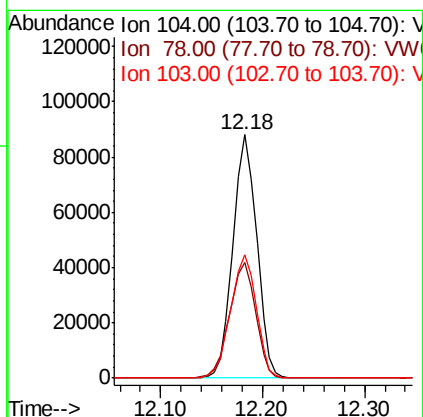
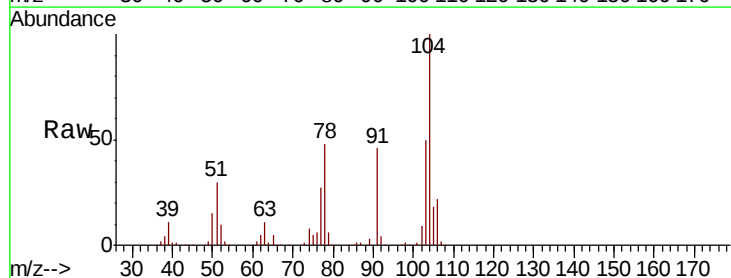
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

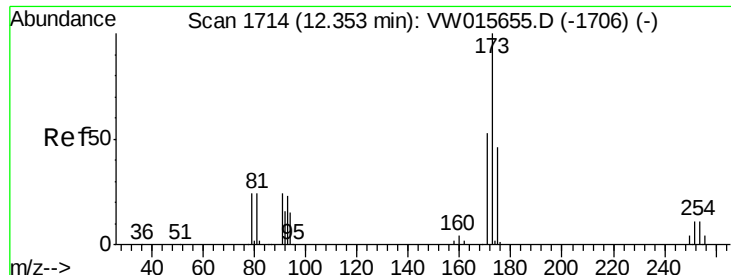
Tot Ion:106 Resp: 84635
Ion Ratio Lower Upper
106 100
91 214.8 108.3 324.9



#70
Styrene
Concen: 19.460 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion:104 Resp: 142386
Ion Ratio Lower Upper
104 100
78 52.1 40.9 61.3
103 54.5 43.1 64.7





#71

Bromoform

Concen: 18.774 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

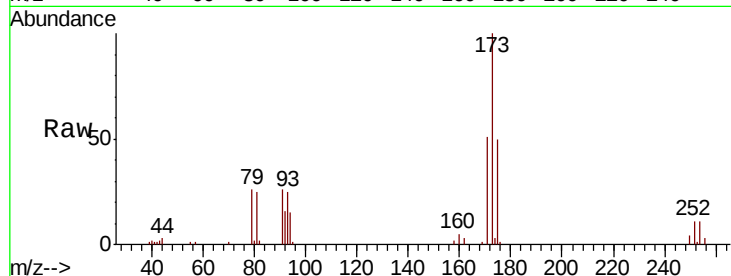
Tot Ion:173 Resp: 20186

Ion Ratio Lower Upper

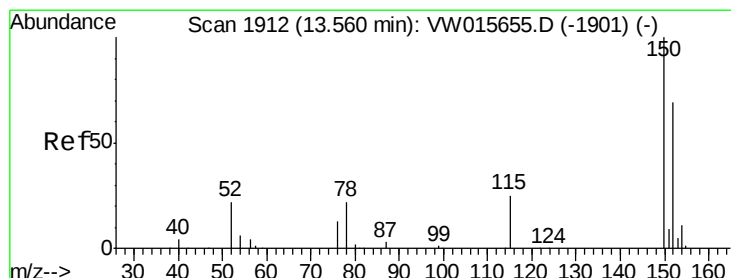
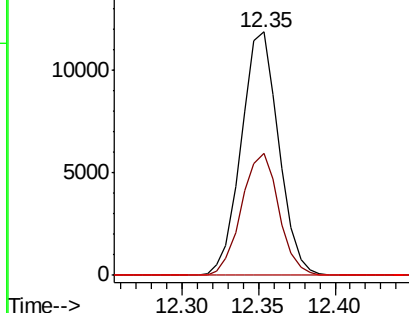
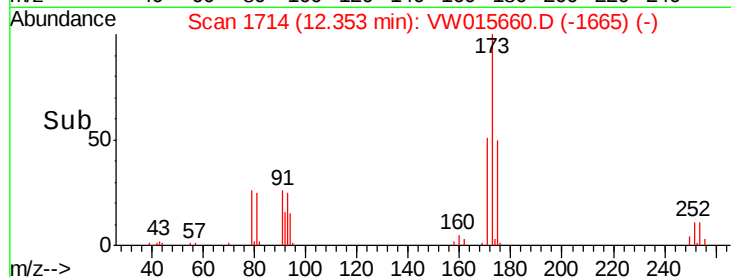
173 100

175 49.8 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: VW015660.D

Acq: 23 Jun 2020 14:40

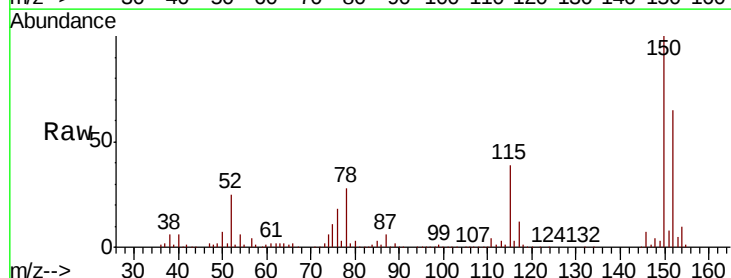
Tgt Ion:152 Resp: 158687

Ion Ratio Lower Upper

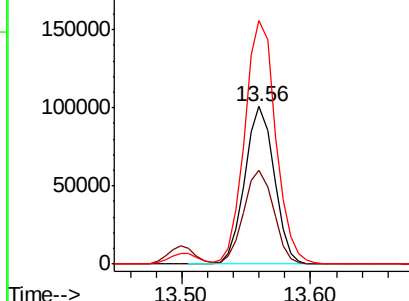
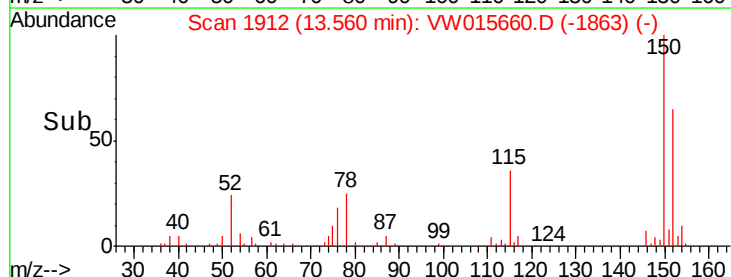
152 100

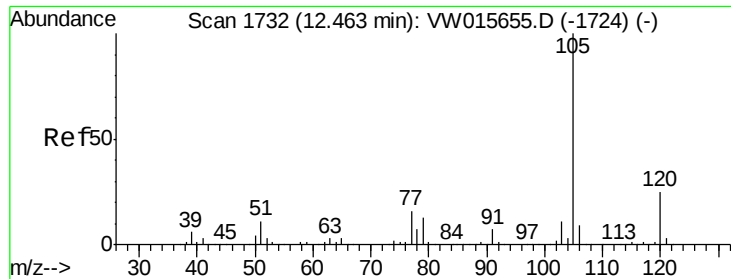
115 60.9 30.1 90.5

150 163.2 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: 19.515 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

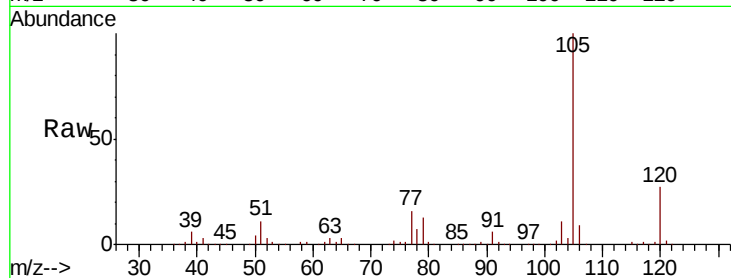
VW0623SBS01

Tot Ion:105 Resp: 236231

Ion Ratio Lower Upper

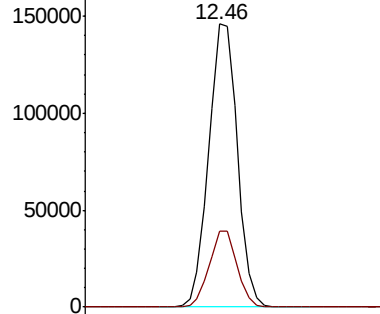
105 100

120 26.1 12.9 38.7

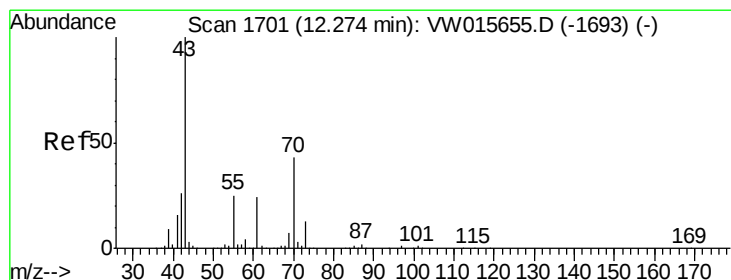
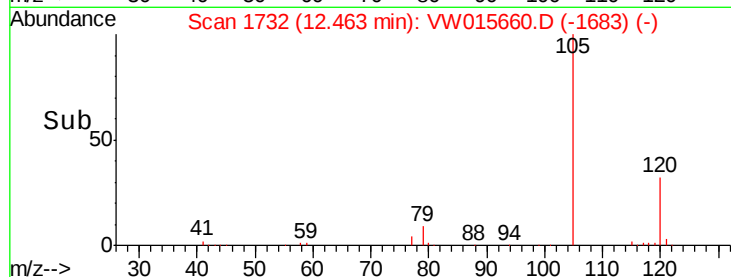


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.895 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Tgt Ion: 43 Resp: 51054

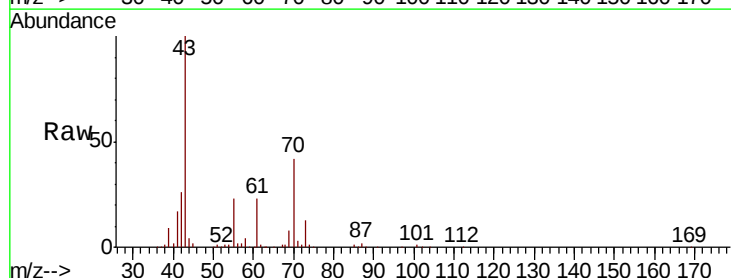
Ion Ratio Lower Upper

43 100

70 42.2 33.6 50.4

55 24.2 19.7 29.5

61 23.3 18.7 28.1

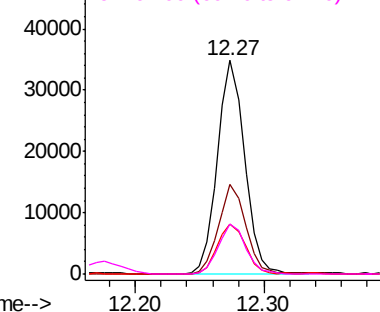


Abundance Ion 43.00 (42.70 to 43.70): VW

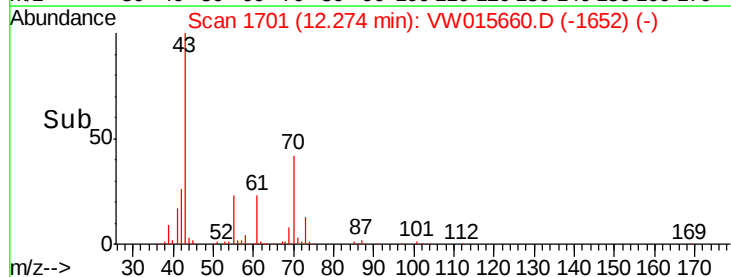
Ion 70.00 (69.70 to 70.70): VW

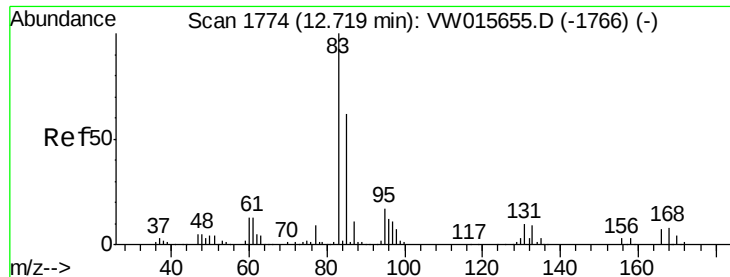
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.657 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

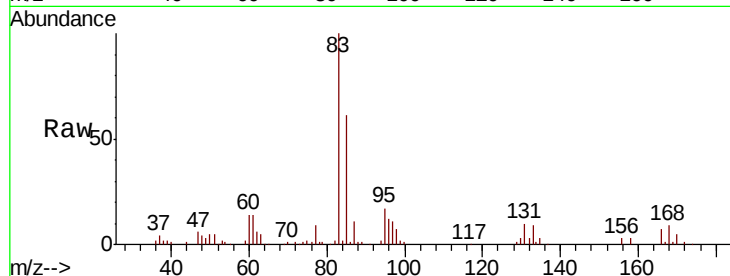
Tot Ion: 83 Resp: 38068

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

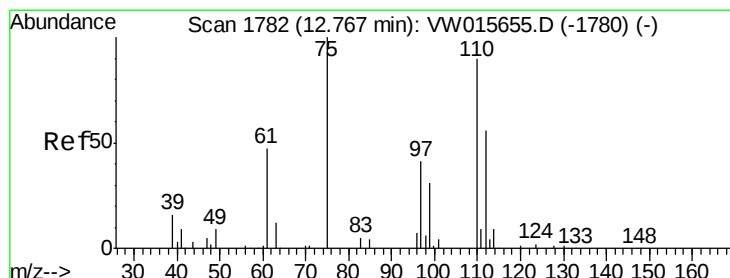
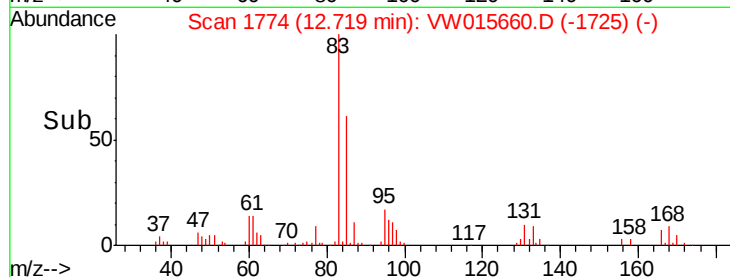
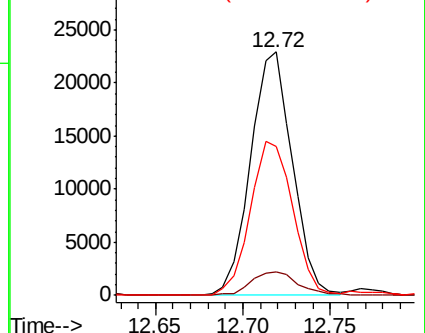
85 64.2 31.9 95.7



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: 34.538 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW015660.D

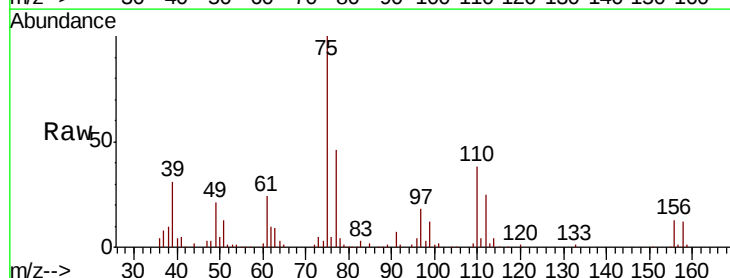
Acq: 23 Jun 2020 14:40

Tgt Ion: 75 Resp: 49993

Ion Ratio Lower Upper

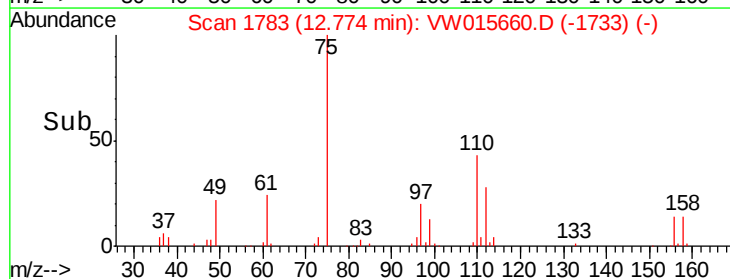
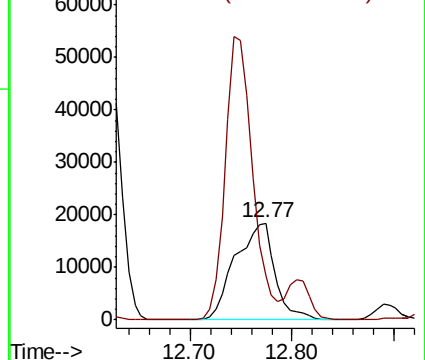
75 100

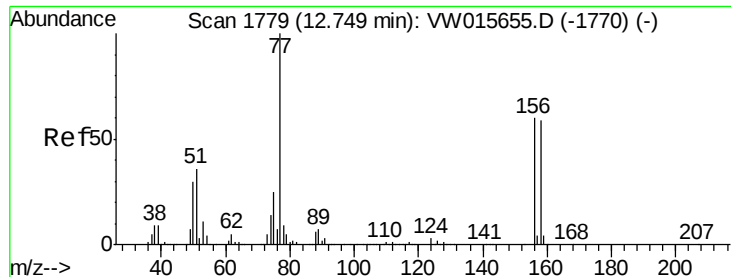
77 0.0 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.429 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

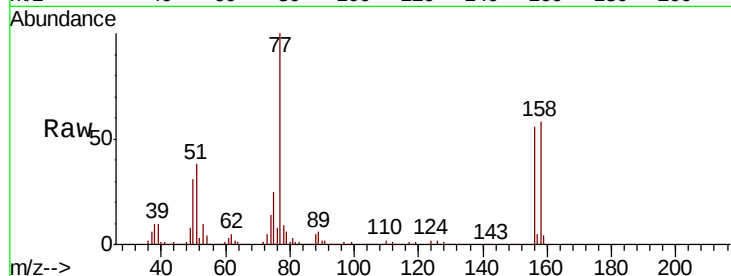
Tot Ion:156 Resp: 52443

Ion Ratio Lower Upper

156 100

77 192.4 94.5 283.5

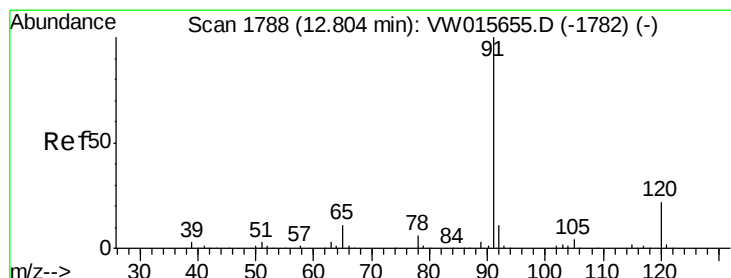
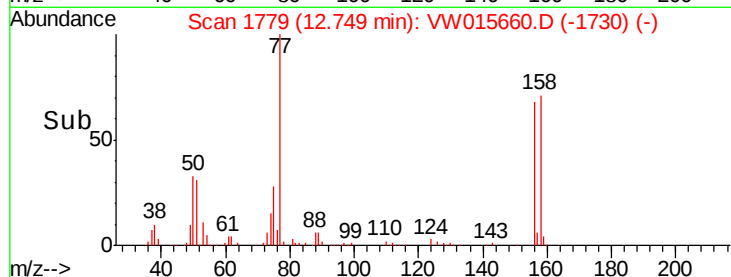
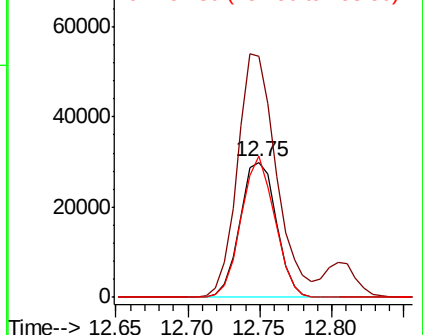
158 95.9 47.9 143.6



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: 19.404 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015660.D

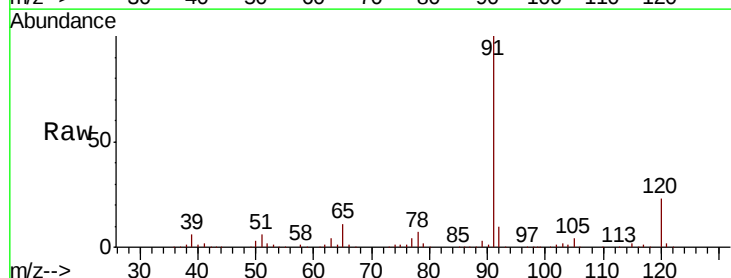
Acq: 23 Jun 2020 14:40

Tgt Ion: 91 Resp: 282741

Ion Ratio Lower Upper

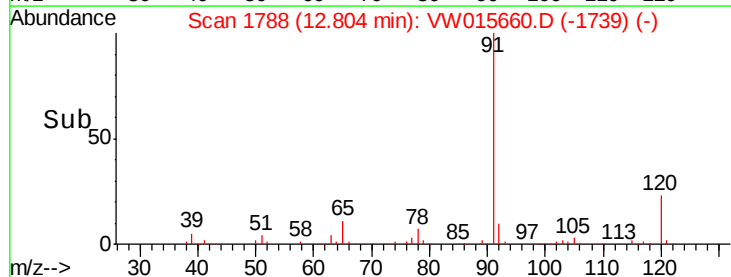
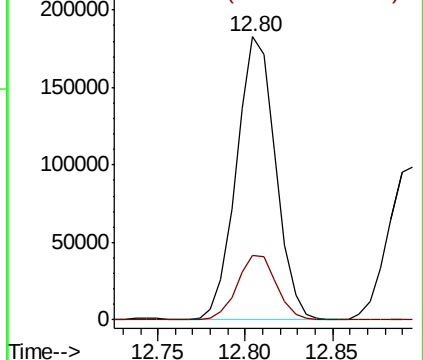
91 100

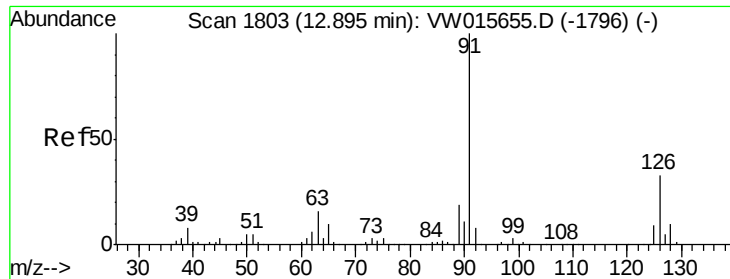
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

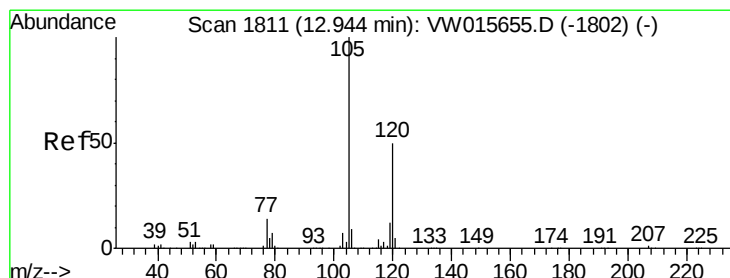
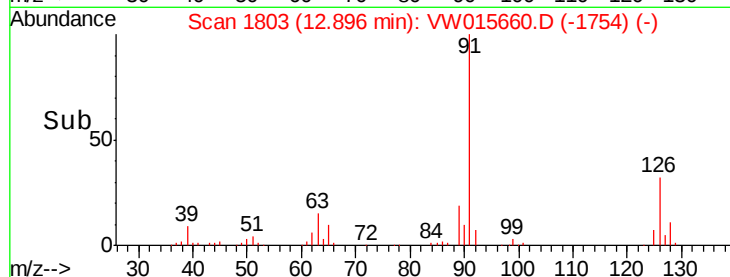
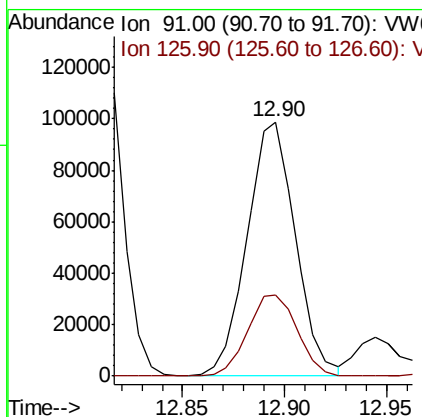
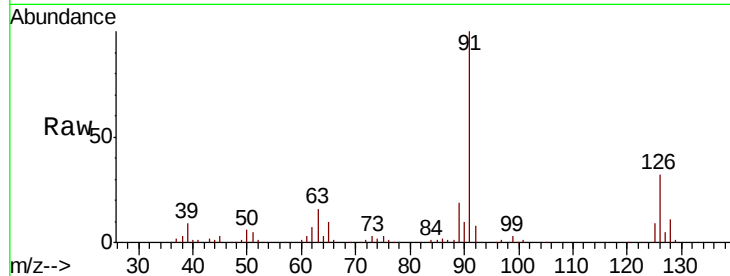




#79
 2-Chlorotoluene
 Concen: 19.814 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

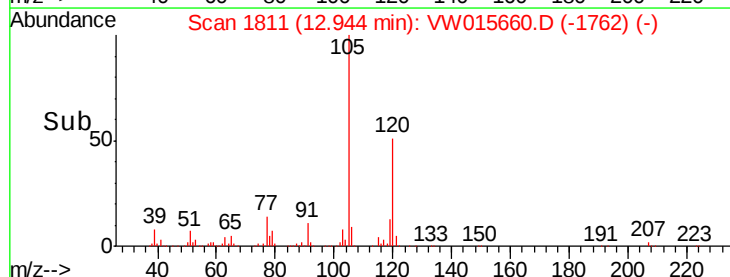
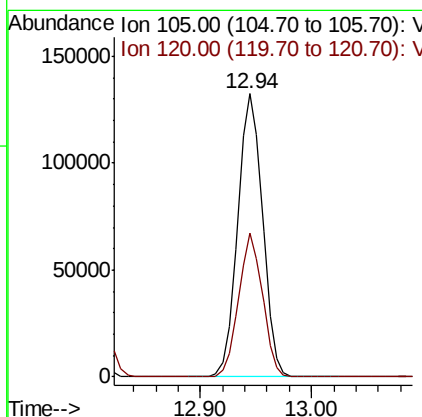
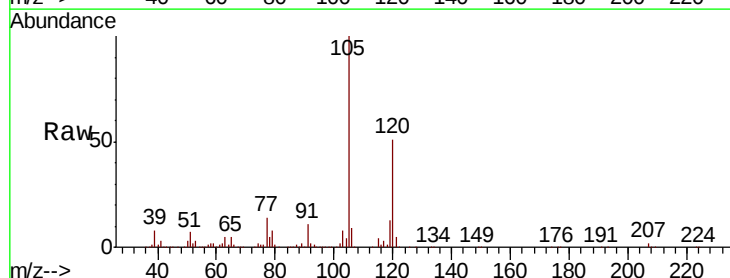
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

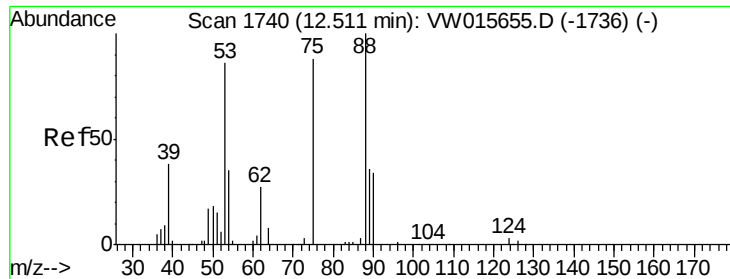
Tot Ion: 91 Resp: 162558
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.946 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion: 105 Resp: 204586
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.846 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

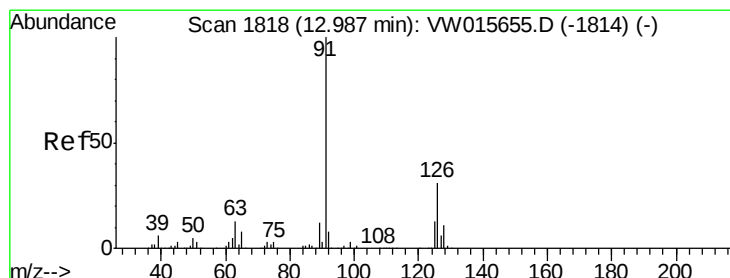
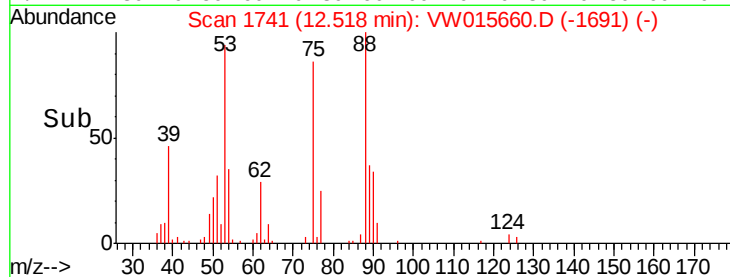
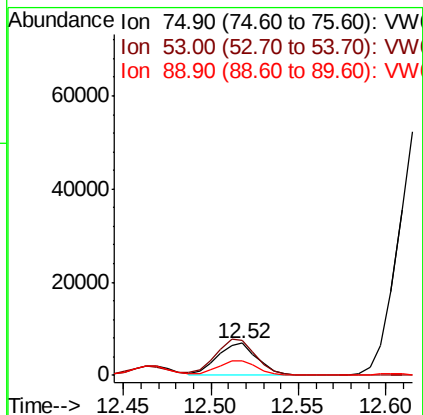
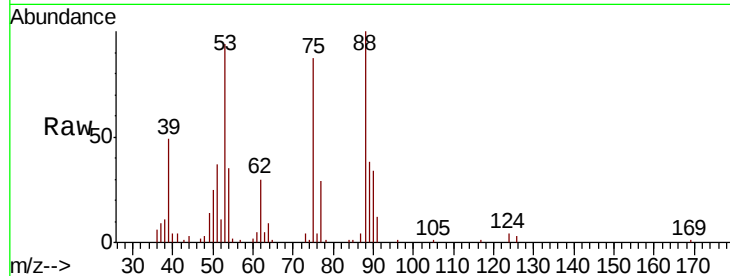
Tot Ion: 75 Resp: 10825

Ion Ratio Lower Upper

75 100

53 114.1 83.8 125.8

89 45.6 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.887 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015660.D

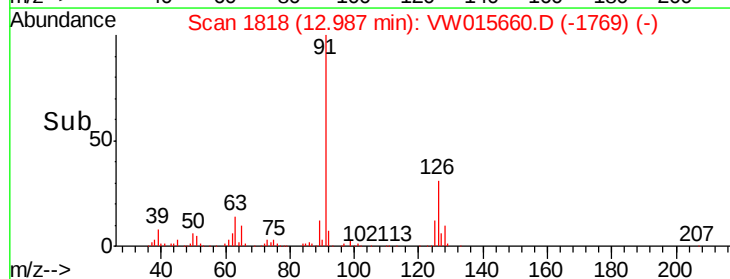
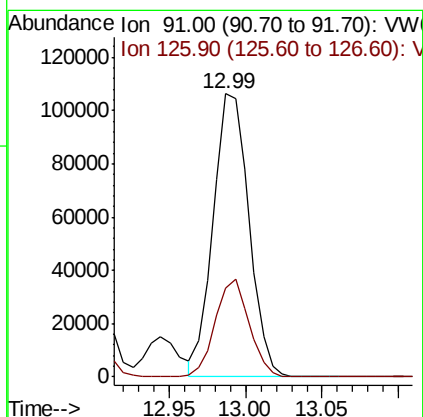
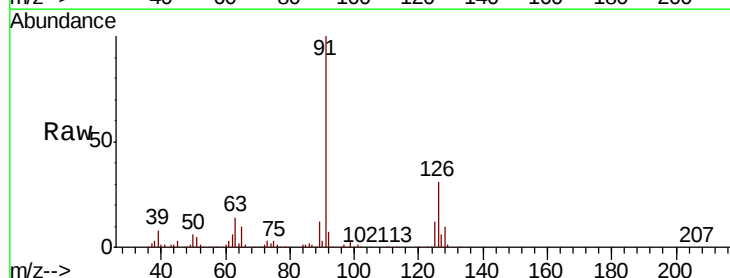
Acq: 23 Jun 2020 14:40

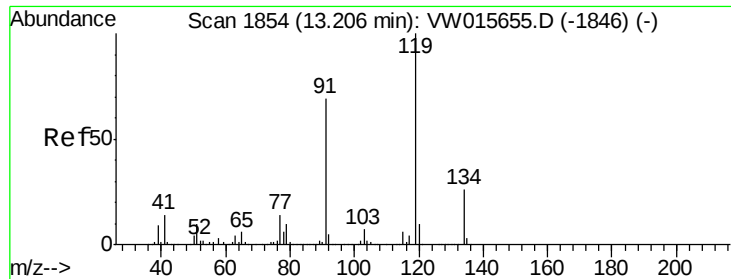
Tgt Ion: 91 Resp: 172614

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9

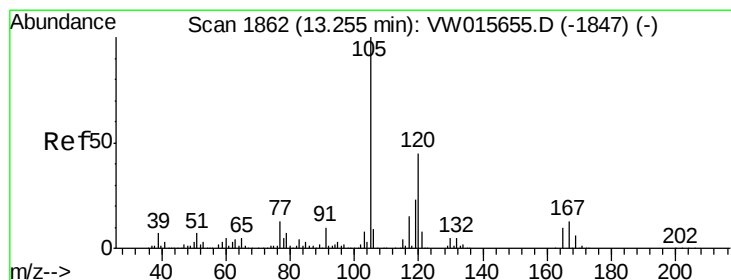
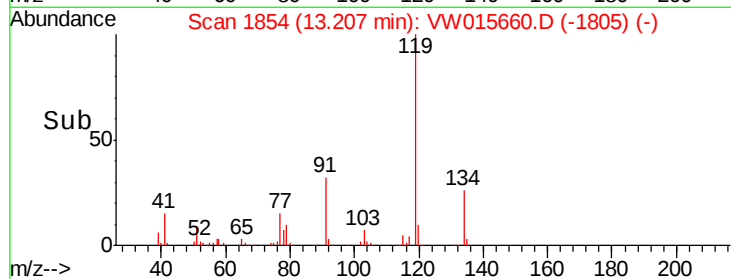
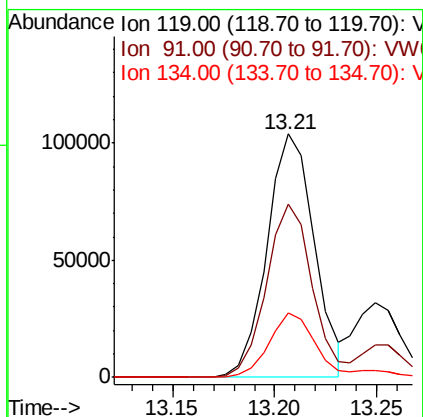
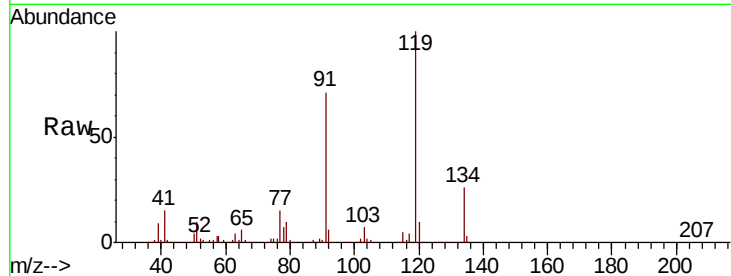




#83
tert-Butylbenzene
Concen: 19.418 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

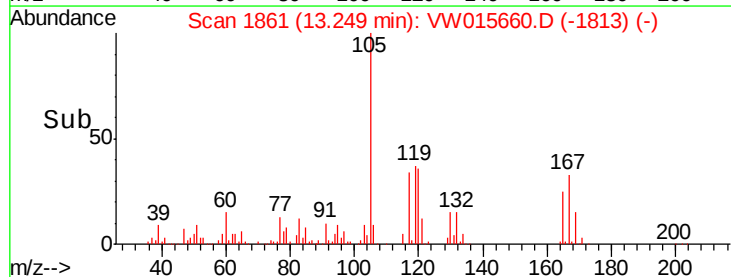
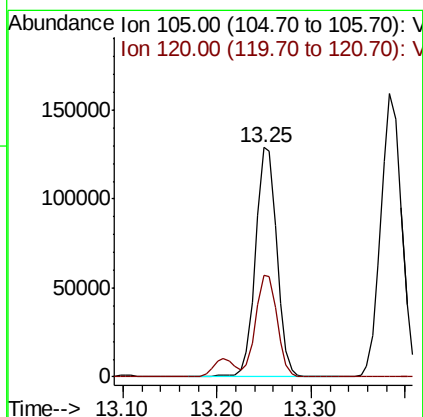
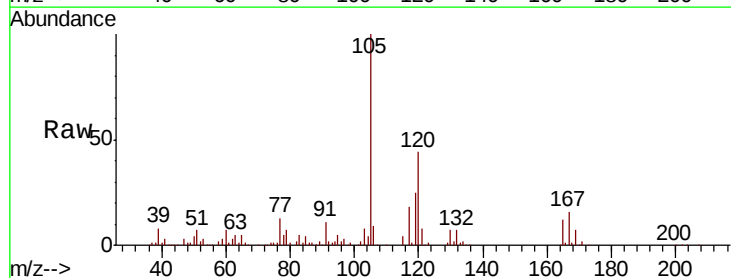
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

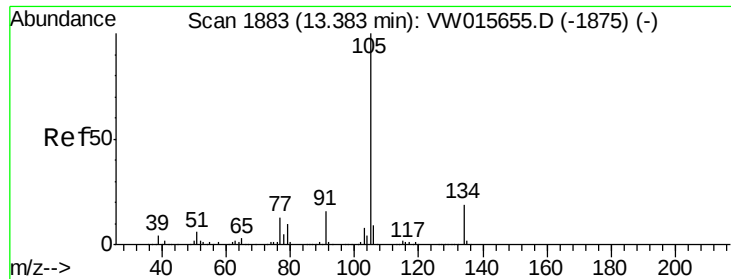
Tot Ion:119 Resp: 168285
Ion Ratio Lower Upper
119 100
91 69.6 34.7 104.1
134 25.4 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 19.936 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion:105 Resp: 203928
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 19.813 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

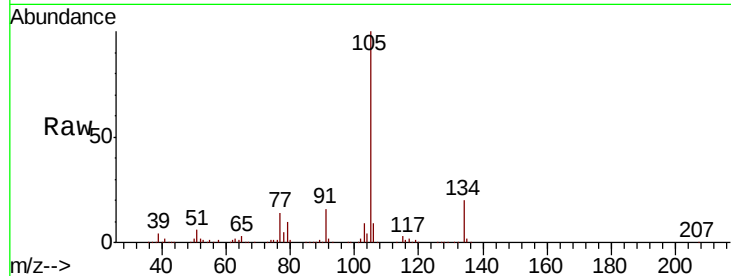
VW0623SBS01

Tot Ion:105 Resp: 245404

Ion Ratio Lower Upper

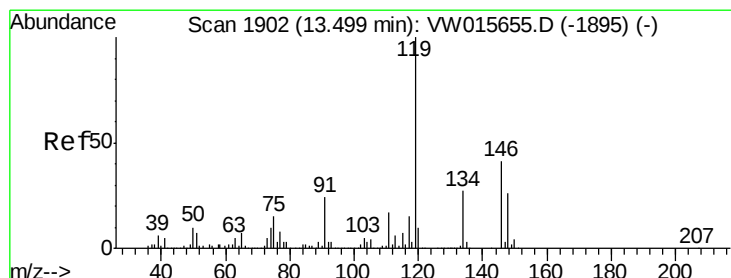
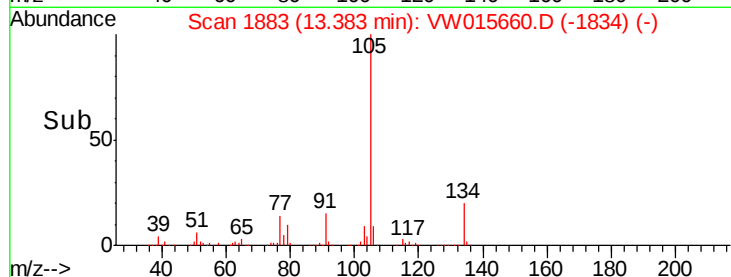
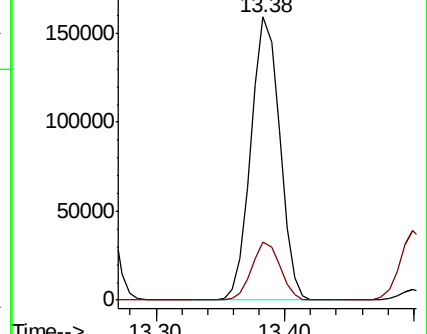
105 100

134 20.3 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.167 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

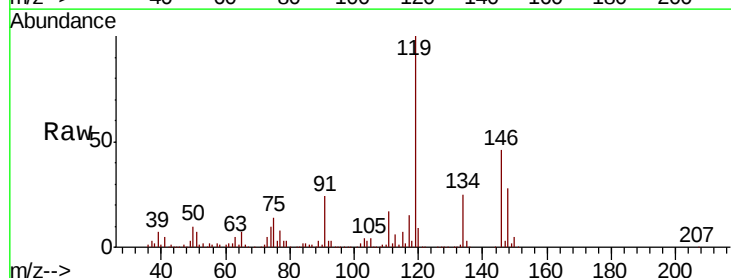
Tgt Ion:119 Resp: 226953

Ion Ratio Lower Upper

119 100

134 25.7 13.5 40.4

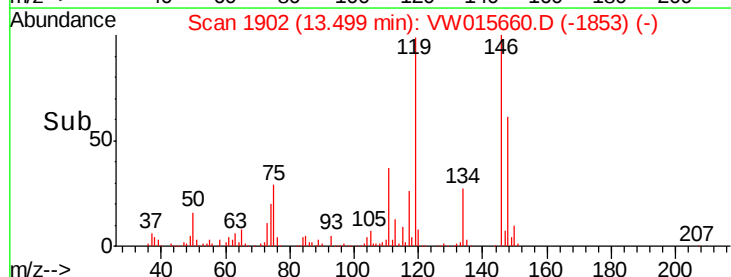
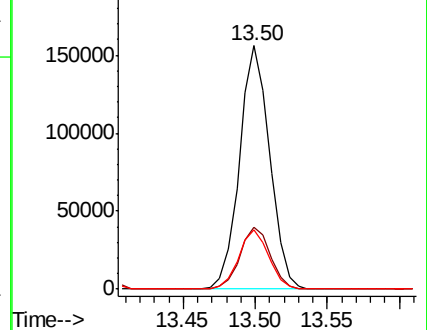
91 24.2 12.3 36.8

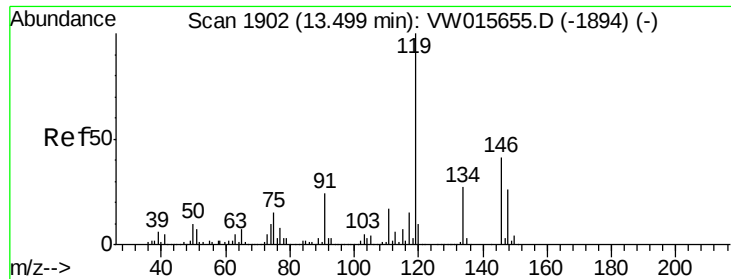


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.411 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

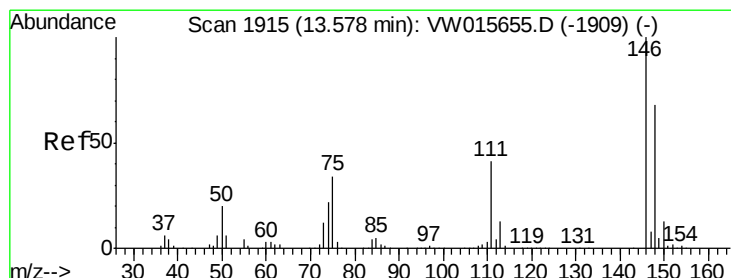
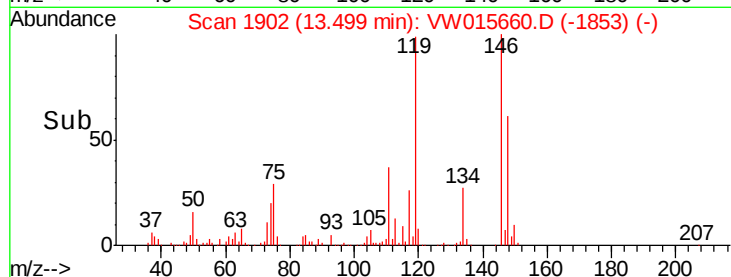
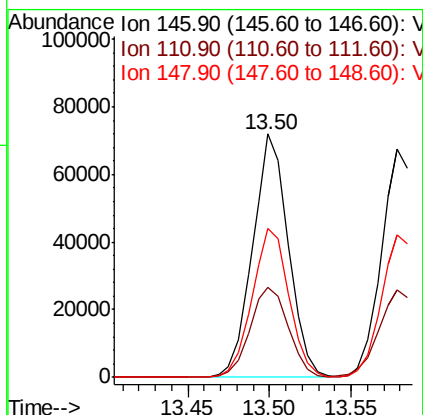
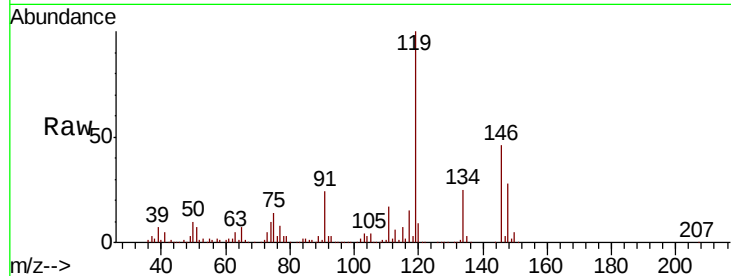
Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion:146 Resp: 109367

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	63.1	31.6	94.7



#88

1,4-Dichlorobenzene

Concen: 20.150 ug/l

RT: 13.58 min Scan# 1915

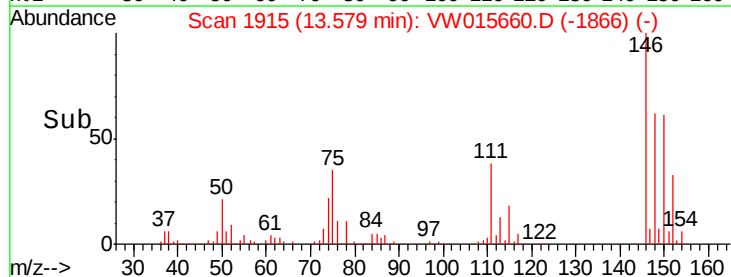
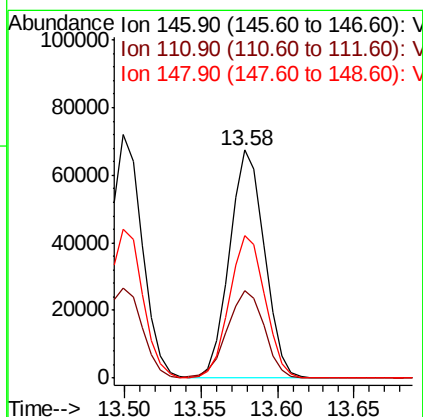
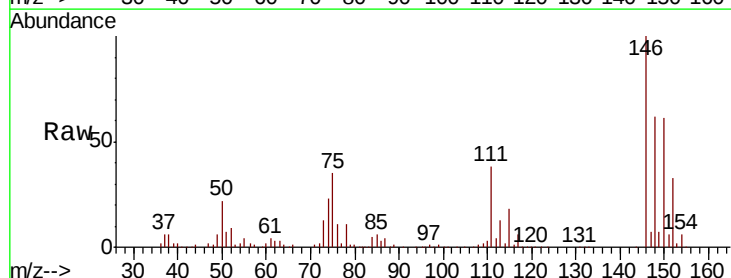
Delta R.T. 0.00 min

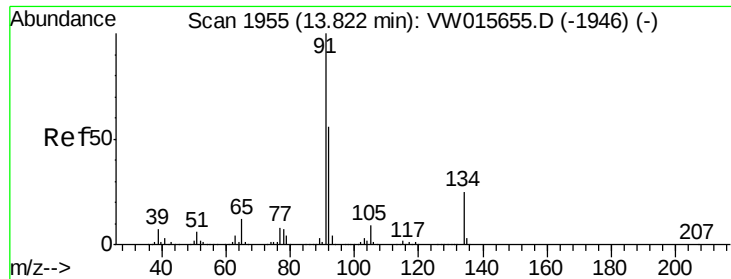
Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Tgt Ion:146 Resp: 106938

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	63.5	33.7	101.1





#89

n-Butylbenzene

Concen: 20.124 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015660.D

Acq: 23 Jun 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

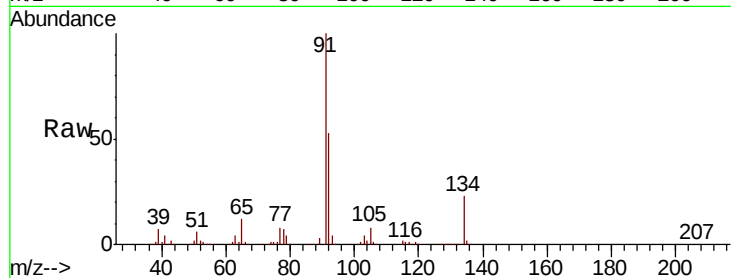
Tot Ion: 91 Resp: 217406

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

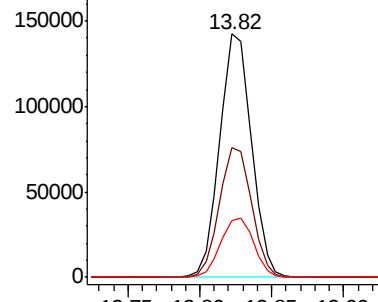
134 25.3 13.0 38.9



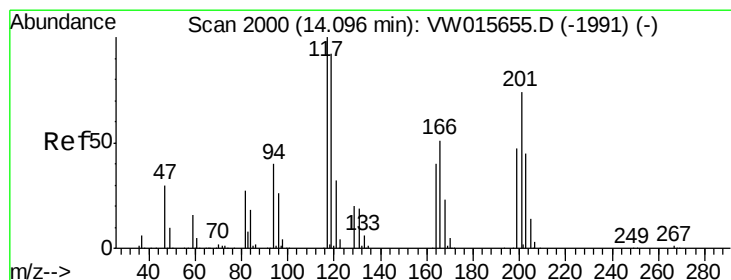
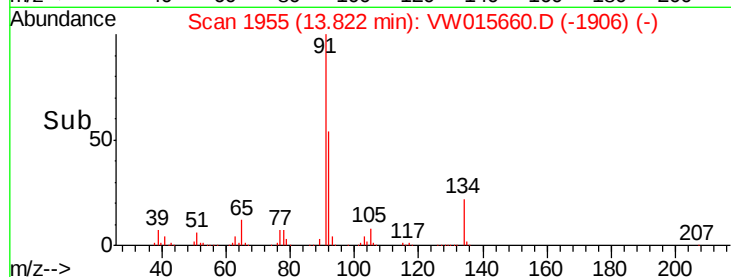
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



Time-->



#90

Hexachloroethane

Concen: 19.566 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015660.D

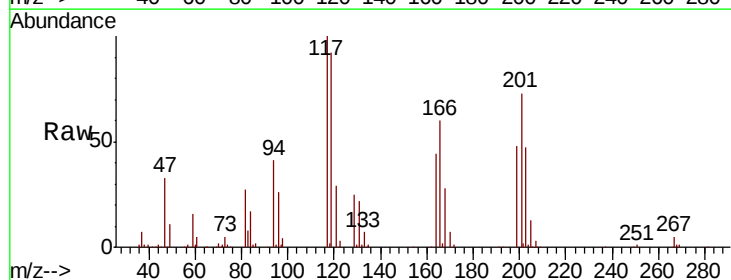
Acq: 23 Jun 2020 14:40

Tgt Ion: 117 Resp: 39184

Ion Ratio Lower Upper

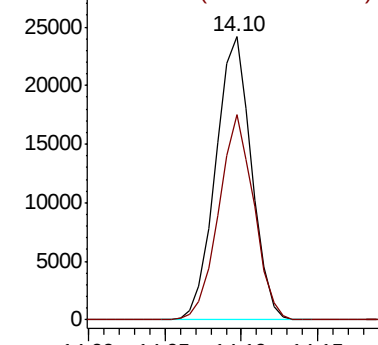
117 100

201 71.4 37.1 111.5

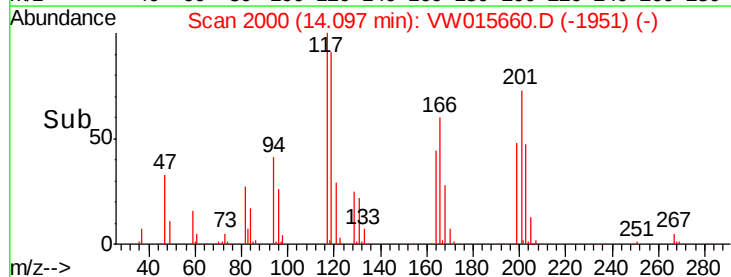


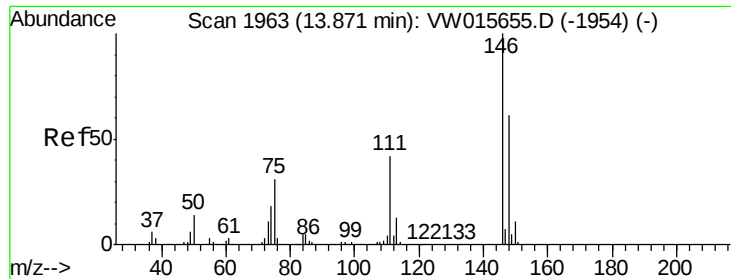
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->

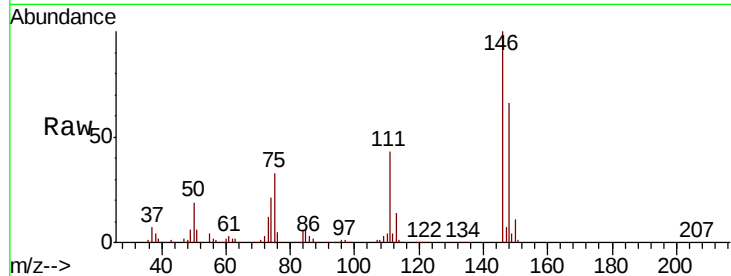




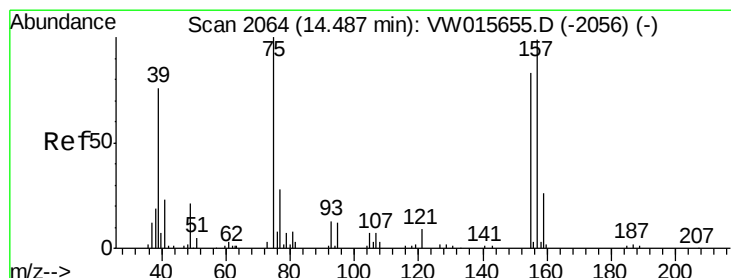
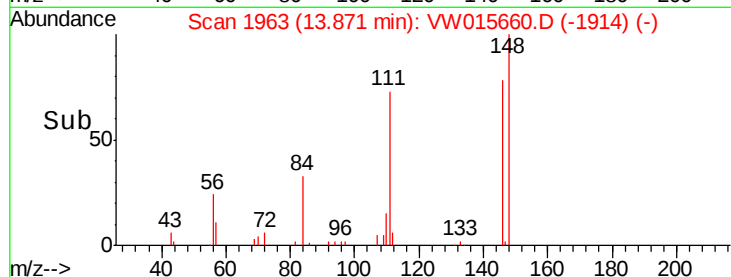
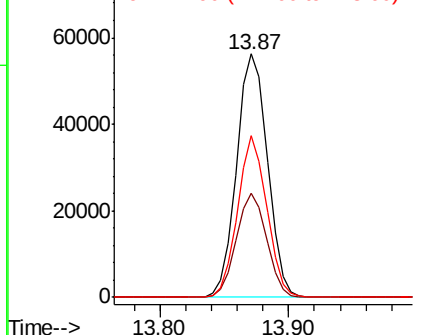
#91
 1,2-Dichlorobenzene
 Concen: 20.124 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion:146 Resp: 93234
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.7
 148 62.9 32.2 96.6

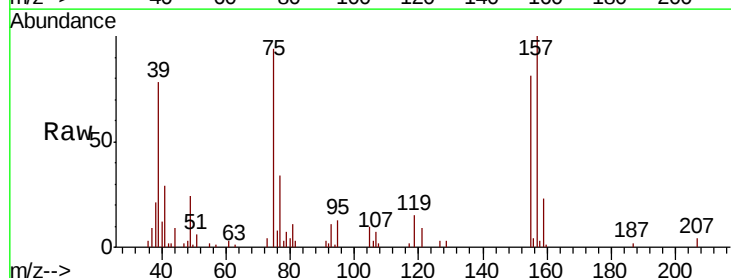


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

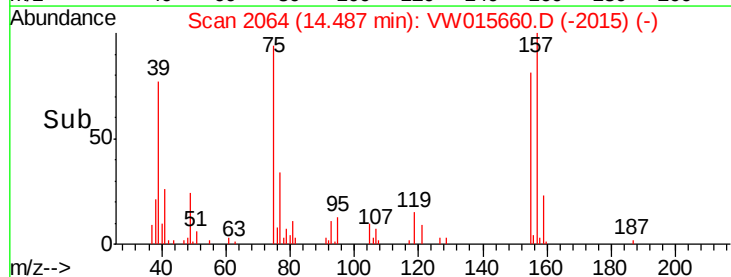
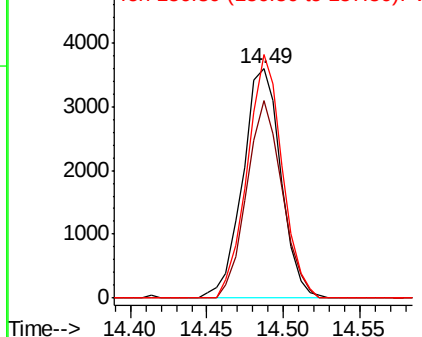


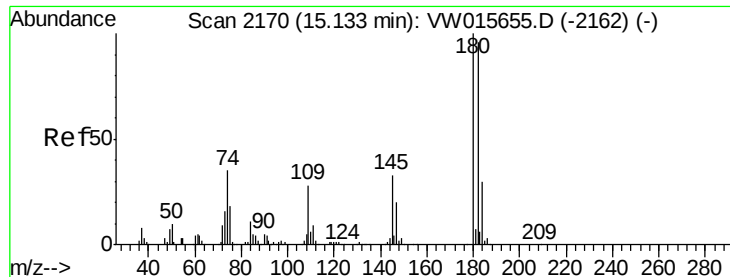
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.032 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion: 75 Resp: 6212
 Ion Ratio Lower Upper
 75 100
 155 80.3 40.8 122.2
 157 97.1 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

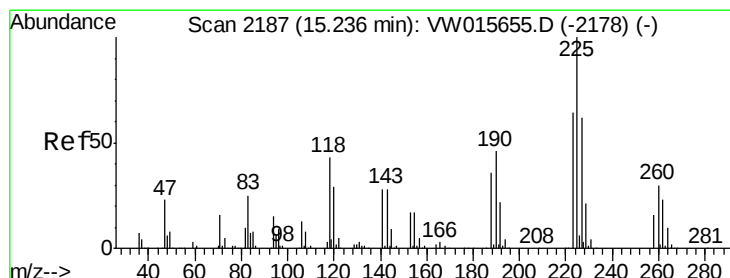
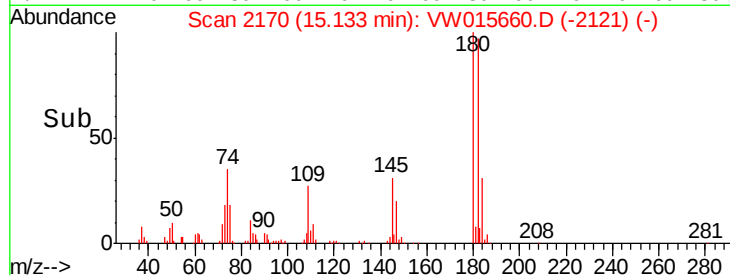
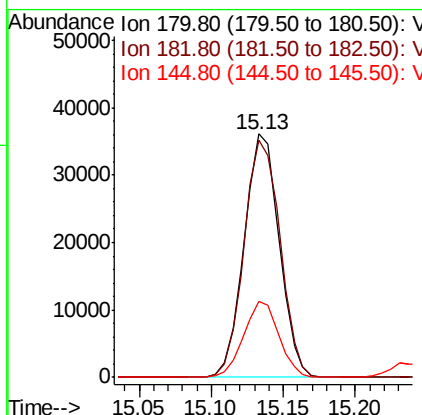
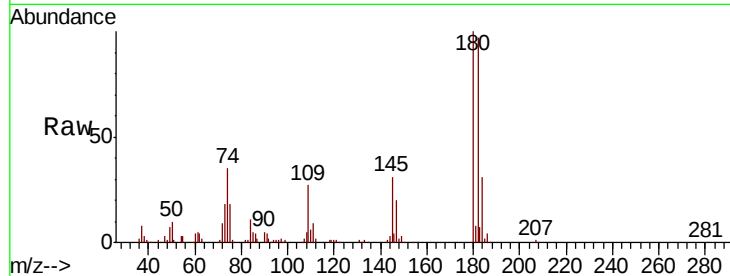




#93
 1,2,4-Trichlorobenzene
 Concen: 19.914 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

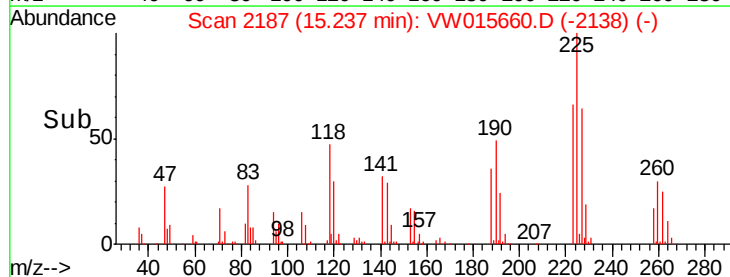
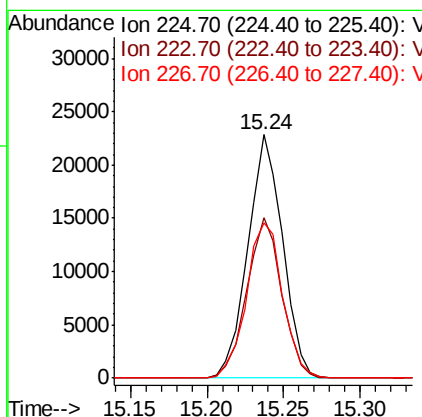
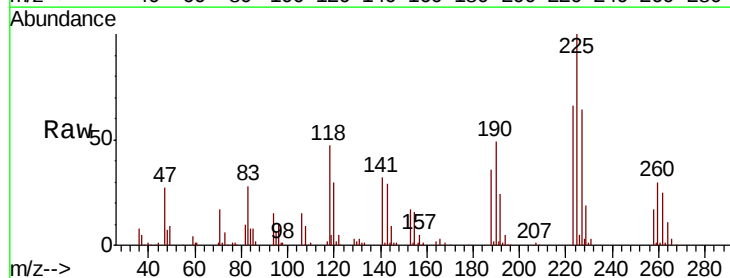
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

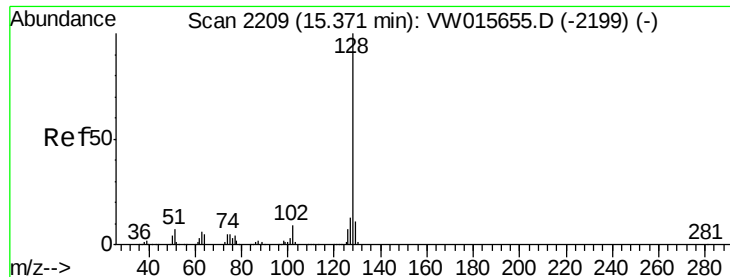
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.9	143.6
145	31.2	15.6	46.7



#94
 Hexachlorobutadiene
 Concen: 18.502 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015660.D
 Acq: 23 Jun 2020 14:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.0	93.0
227	66.3	31.9	95.9

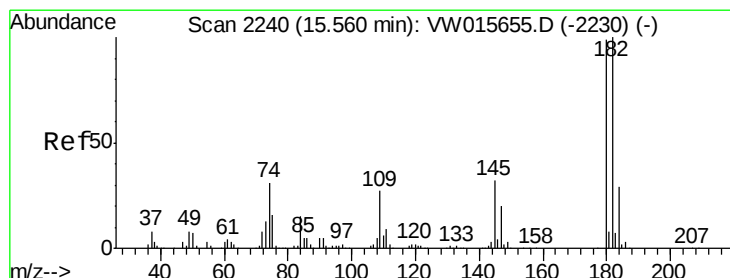
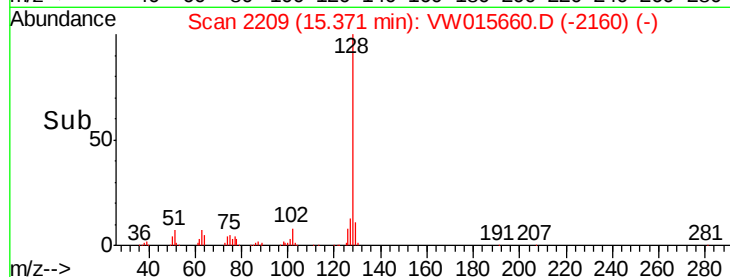
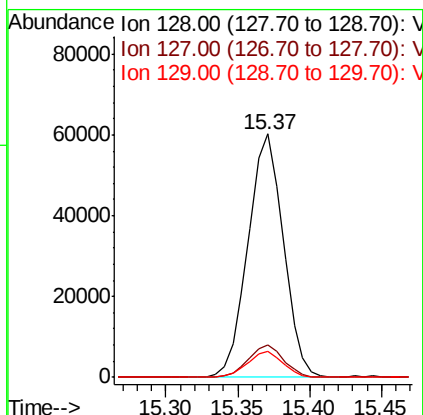
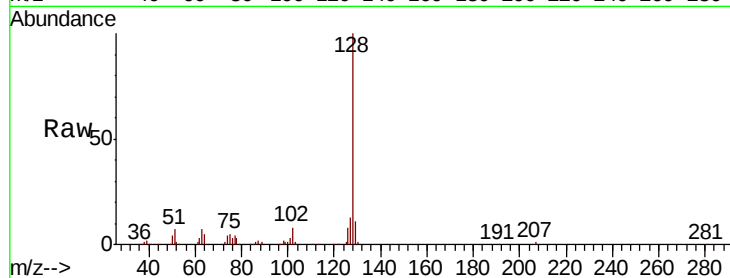




#95
Naphthalene
Concen: 20.206 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion:128 Resp: 102248
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.474 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015660.D
Acq: 23 Jun 2020 14:40

Tgt Ion:180 Resp: 53932
Ion Ratio Lower Upper
180 100
182 92.9 49.0 147.0
145 31.6 16.4 49.2

