

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015719.D
 Acq On : 25 Jun 2020 11:03
 Operator : SY/VA
 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Quant Time: Jun 26 01:37:19 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	187757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105110	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.88	113	94321	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.32	98	374429	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	138950	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23388	20.891	ug/l	89
3) Chloromethane	2.21	50	27530	20.942	ug/l	95
4) Vinyl Chloride	2.37	62	45823	21.561	ug/l	99
5) Bromomethane	2.78	94	37063	23.727	ug/l	98
6) Chloroethane	2.93	64	31688	22.657	ug/l	100
7) Trichlorofluoromethane	3.26	101	33768	21.161	ug/l	97
8) Diethyl Ether	3.68	74	19570	21.235	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39336	20.913	ug/l	99
10) Methyl Iodide	4.27	142	54466	20.479	ug/l	100
11) Tert butyl alcohol	5.23	59	11717	78.339	ug/l	97
12) 1,1-Dichloroethene	4.04	96	38043	20.771	ug/l	97
13) Acrolein	3.90	56	13446	92.654	ug/l	99
14) Allyl chloride	4.67	41	59582	20.052	ug/l	99
15) Acrylonitrile	5.37	53	38323	100.788	ug/l	99
16) Acetone	4.14	43	38683	97.405	ug/l	95
17) Carbon Disulfide	4.38	76	100026	18.976	ug/l	99
18) Methyl Acetate	4.68	43	18592	19.831	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	57413	20.829	ug/l	99
20) Methylene Chloride	4.92	84	52128	24.629	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	42897	20.429	ug/l	96
22) Diisopropyl ether	6.32	45	120796	20.440	ug/l	96
23) Vinyl Acetate	6.26	43	345936	100.377	ug/l	100
24) 1,1-Dichloroethane	6.22	63	77629	20.867	ug/l	99
25) 2-Butanone	7.18	43	52715	98.213	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49867	19.986	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	46636	20.646	ug/l	98
28) Bromochloromethane	7.51	49	30529	21.334	ug/l	98
29) Tetrahydrofuran	7.54	42	31019	98.345	ug/l	99
30) Chloroform	7.68	83	79646	20.876	ug/l	96
31) Cyclohexane	7.96	56	72216	20.068	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	66489	20.445	ug/l	98
36) 1,1-Dichloropropene	8.09	75	64558	20.889	ug/l	100
37) Ethyl Acetate	7.26	43	24514	20.774	ug/l	99
38) Carbon Tetrachloride	8.07	117	60533	20.206	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015719.D
 Acq On : 25 Jun 2020 11:03
 Operator : SY/VA
 Sample : VW0625SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

Quant Time: Jun 26 01:37:19 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	76658	20.478	ug/l	98
40) Benzene	8.32	78	174027	20.709	ug/l	99
41) Methacrylonitrile	7.49	41	13829	20.419	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54578	20.994	ug/l	99
43) Isopropyl Acetate	8.43	43	46805	19.876	ug/l	100
44) Trichloroethene	9.09	130	46348	20.462	ug/l	90
45) 1,2-Dichloropropane	9.37	63	42798	20.836	ug/l	99
46) Dibromomethane	9.46	93	21589	20.314	ug/l	98
47) Bromodichloromethane	9.65	83	55659	20.078	ug/l	99
48) Methyl methacrylate	9.44	41	21548	20.014	ug/l	100
49) 1,4-Dioxane	9.47	88	5929	425.267	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	113526	99.966	ug/l	99
52) Toluene	10.39	92	114911	21.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51647	19.285	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63850	19.957	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30381	20.560	ug/l	97
56) Ethyl methacrylate	10.65	69	37129	20.195	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54541	20.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92106	105.862	ug/l	99
59) 2-Hexanone	10.97	43	77378	100.082	ug/l	99
60) Dibromochloromethane	11.13	129	34438	19.999	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29092	20.597	ug/l	98
64) Tetrachloroethene	10.87	164	39723	20.529	ug/l	99
65) Chlorobenzene	11.66	112	120710	20.786	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	40977	20.125	ug/l	98
67) Ethyl Benzene	11.73	91	223594	20.689	ug/l	100
68) m/p-Xylenes	11.84	106	166970	41.144	ug/l	97
69) o-Xylene	12.17	106	76779	20.577	ug/l	98
70) Styrene	12.18	104	133588	20.955	ug/l	100
71) Bromoform	12.35	173	17457	18.634	ug/l #	99
73) Isopropylbenzene	12.47	105	219370	19.766	ug/l	99
74) N-amyl acetate	12.27	43	44338	18.846	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	34224	19.276	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	44399	33.457	ug/l #	1
77) Bromobenzene	12.75	156	47967	19.383	ug/l	98
78) n-propylbenzene	12.80	91	266104	19.920	ug/l	100
79) 2-Chlorotoluene	12.90	91	151466	20.137	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	189588	20.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8762	16.639	ug/l	89
82) 4-Chlorotoluene	12.99	91	159229	20.010	ug/l	99
83) tert-Butylbenzene	13.21	119	157392	19.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192373	20.513	ug/l	99
85) sec-Butylbenzene	13.38	105	230945	20.337	ug/l	99
86) p-Isopropyltoluene	13.50	119	211762	20.525	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102690	20.903	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98977	20.342	ug/l	97
89) n-Butylbenzene	13.83	91	201944	20.389	ug/l	99
90) Hexachloroethane	14.10	117	34839	18.974	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	86308	20.319	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5514	19.394	ug/l	94

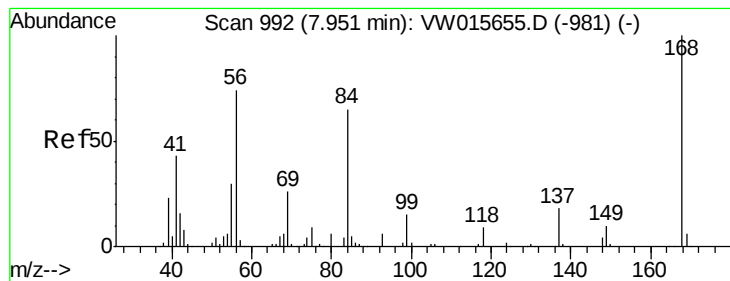
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015719.D
Acq On : 25 Jun 2020 11:03
Operator : SY/VA
Sample : VW0625SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Quant Time: Jun 26 01:37:19 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	56577	20.170	ug/l	99
94) Hexachlorobutadiene	15.24	225	36141	20.225	ug/l	99
95) Naphthalene	15.37	128	92043	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	49910	20.666	ug/l	97

(#) = 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: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

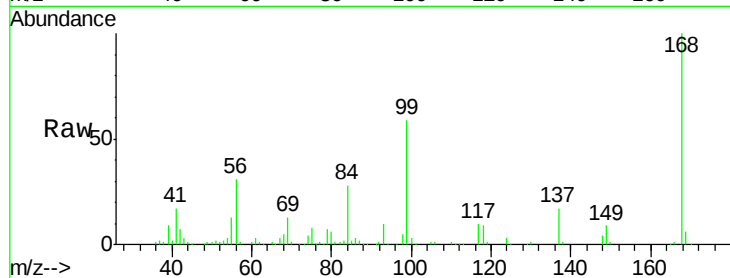
VW0625SBSD01

Tot Ion:168 Resp: 187757

Ion Ratio Lower Upper

168 100

99 59.3 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

80000

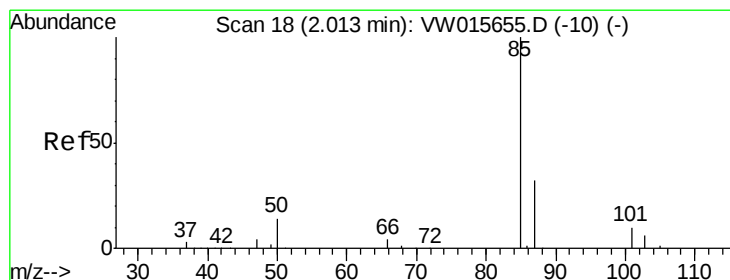
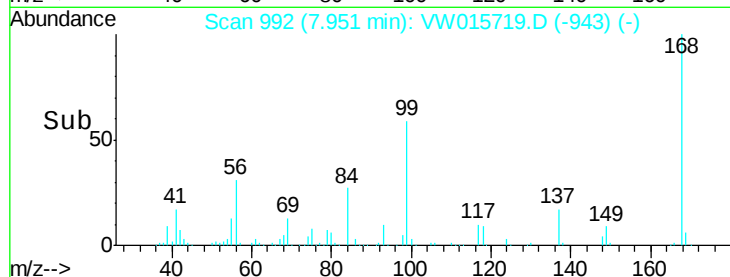
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.891 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015719.D

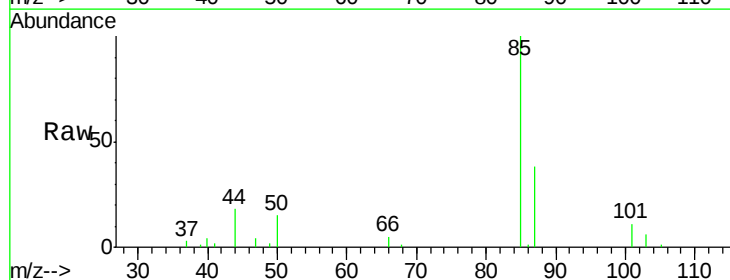
Acq: 25 Jun 2020 11:03

Tgt Ion: 85 Resp: 23388

Ion Ratio Lower Upper

85 100

87 37.5 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

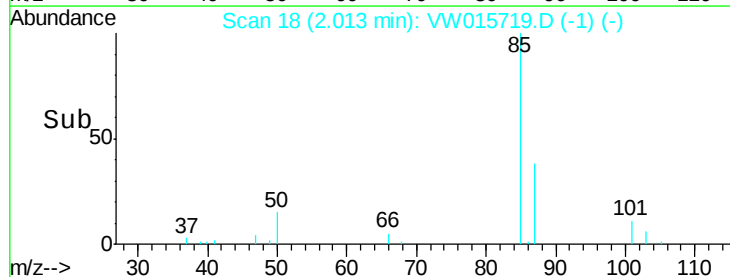
6000

4000

2000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 20.942 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

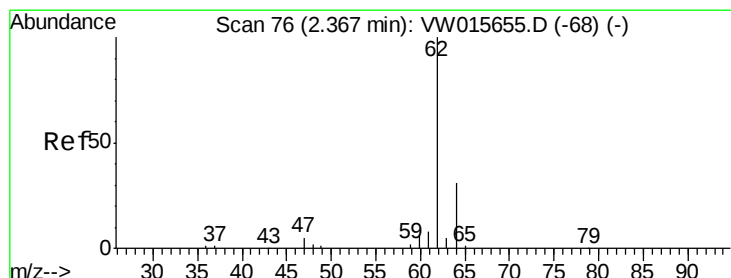
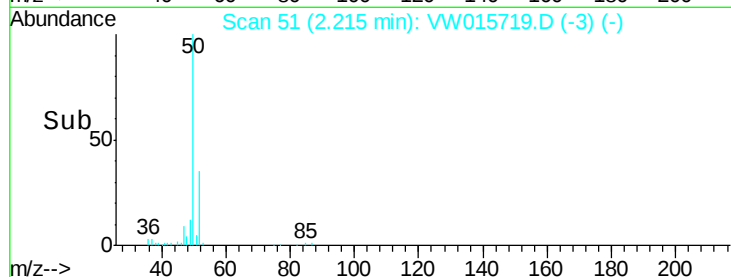
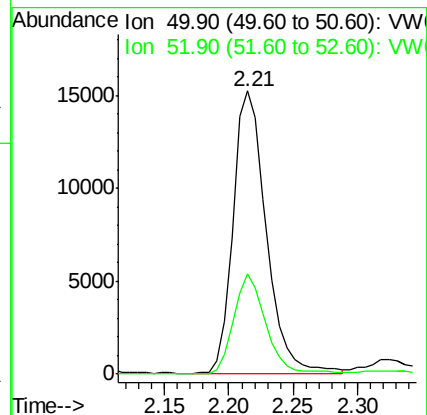
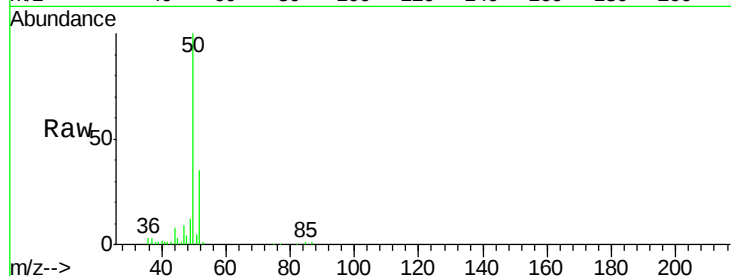
VW0625SBSD01

Tot Ion: 50 Resp: 27530

Ion Ratio Lower Upper

50 100

52 35.4 26.0 39.0



#4

Vinyl Chloride

Concen: 21.561 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015719.D

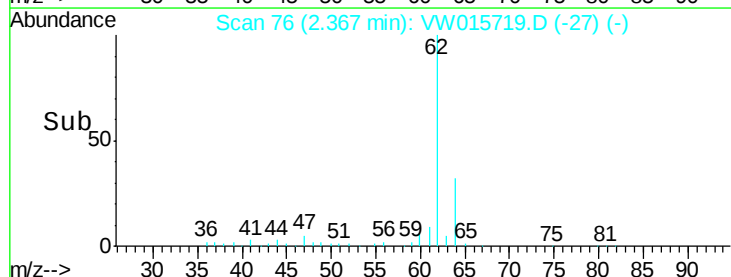
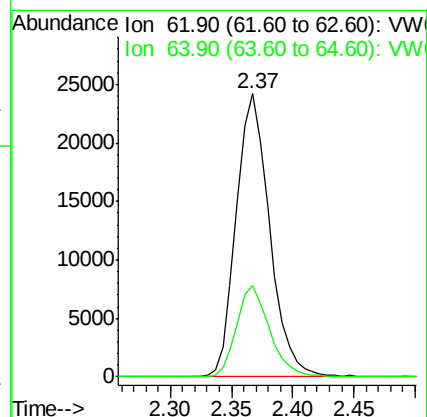
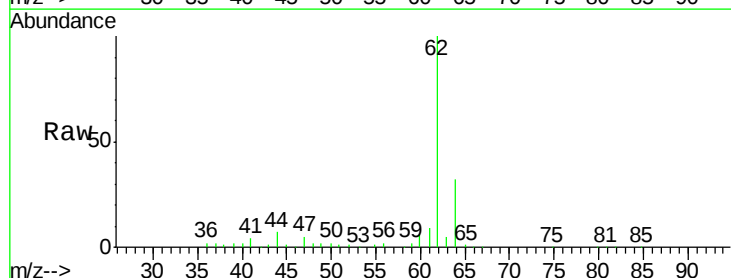
Acq: 25 Jun 2020 11:03

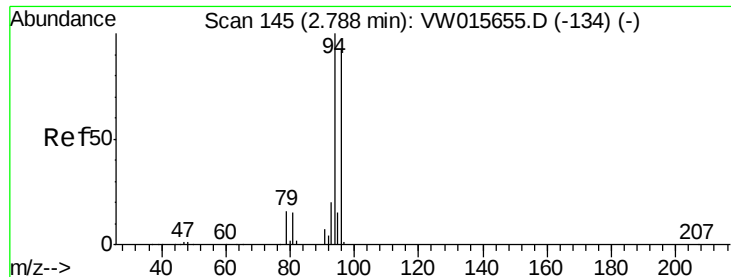
Tgt Ion: 62 Resp: 45823

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 23.727 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

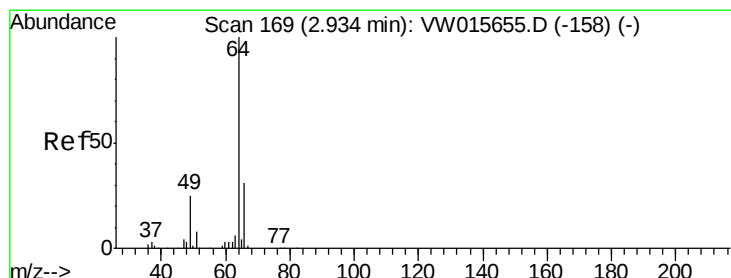
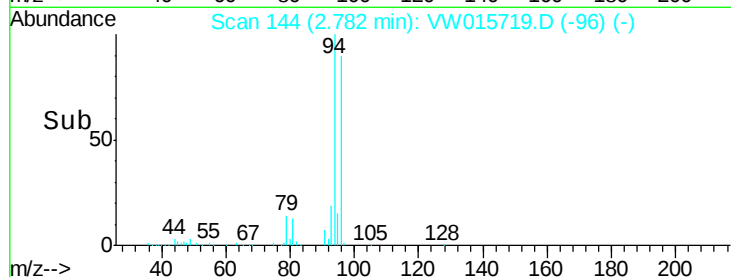
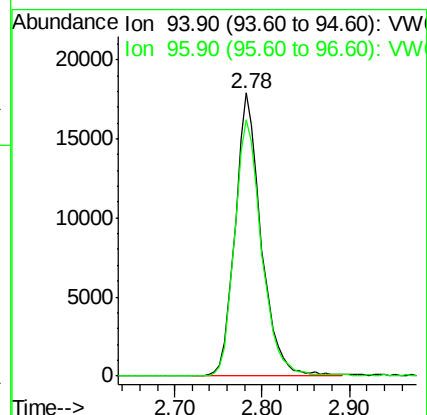
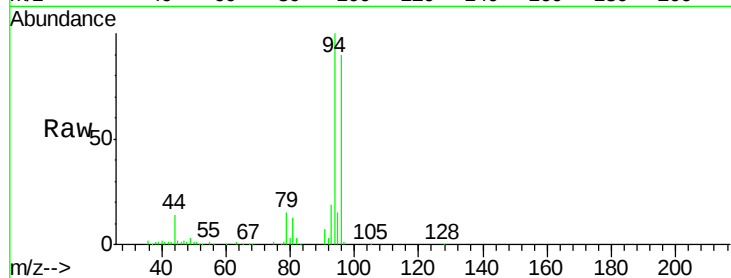
VW0625SBSD01

Tot Ion: 94 Resp: 37063

Ion Ratio Lower Upper

94 100

96 90.5 73.8 110.6



#6

Chloroethane

Concen: 22.657 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015719.D

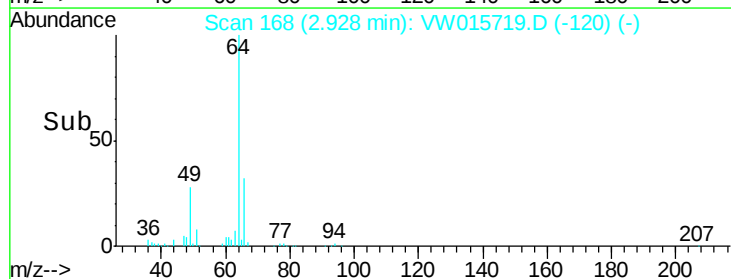
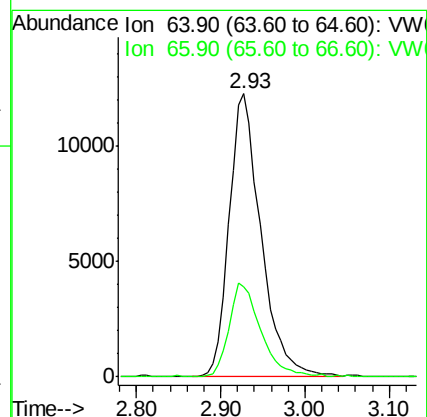
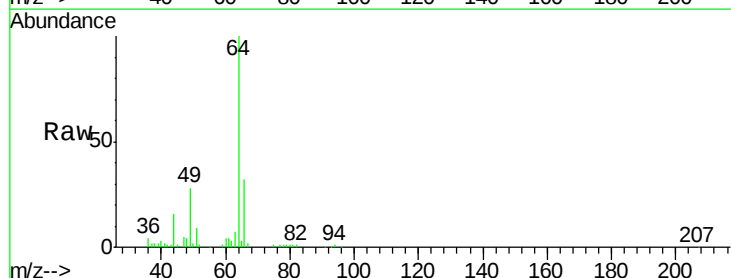
Acq: 25 Jun 2020 11:03

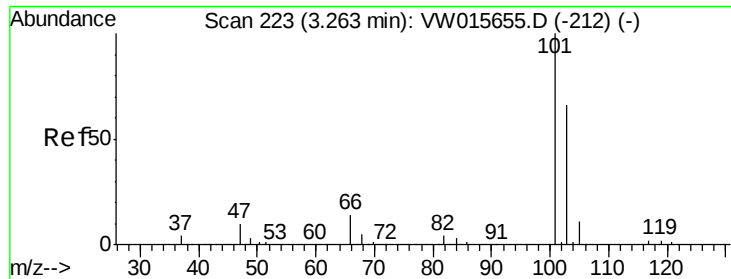
Tgt Ion: 64 Resp: 31688

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9



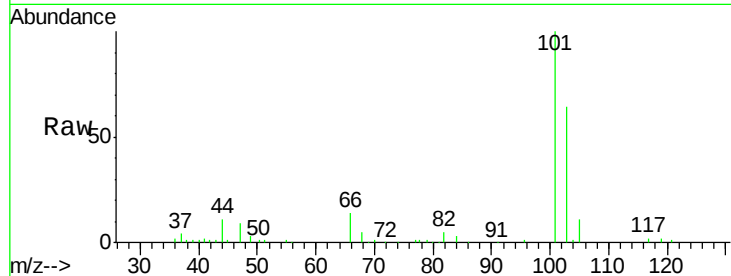


#7

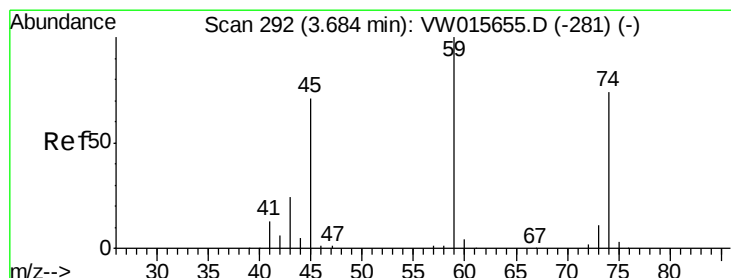
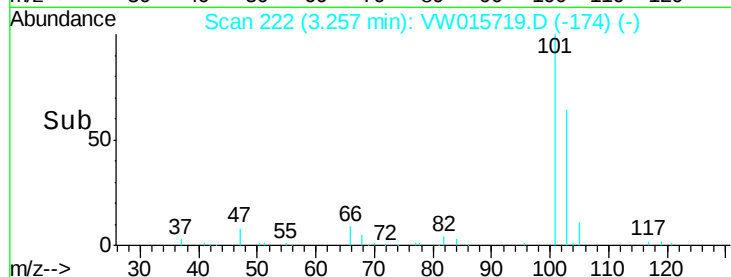
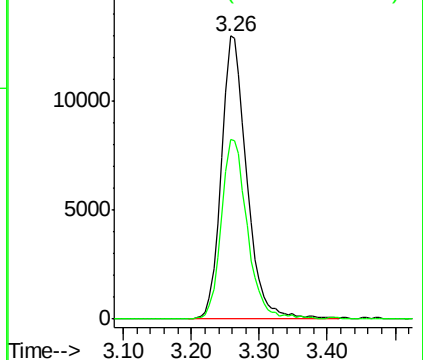
Trichlorofluoromethane
 Concen: 21.161 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

Tot Ion:101 Resp: 33768
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 78.8



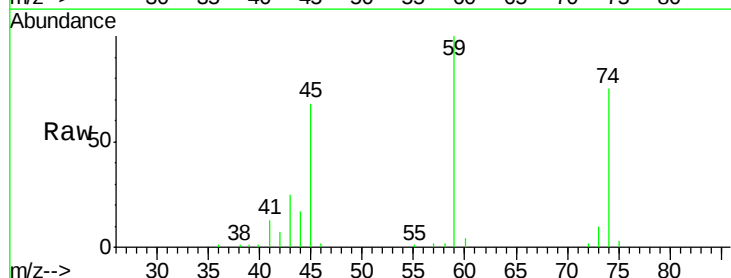
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



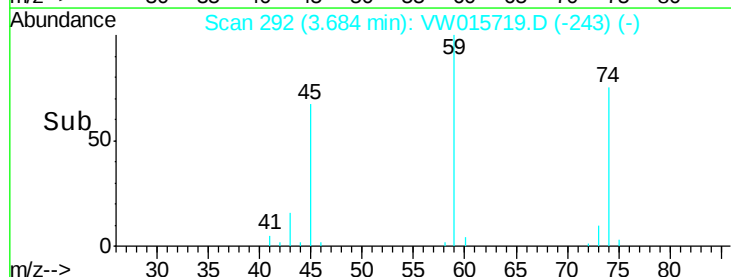
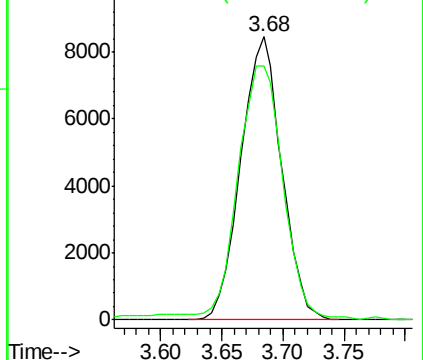
#8

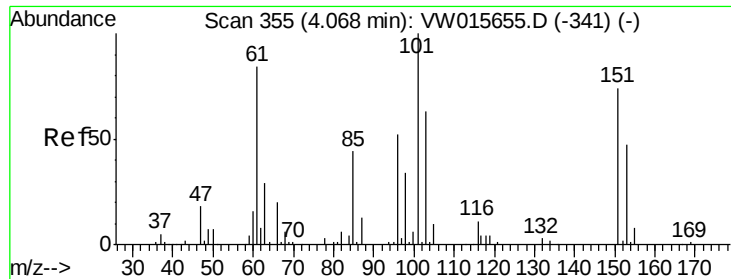
Diethyl Ether
 Concen: 21.235 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 74 Resp: 19570
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.913 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

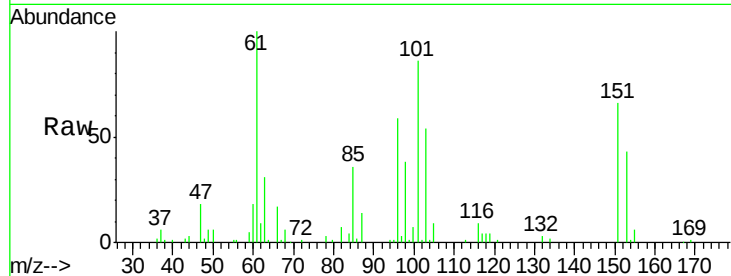
Tot Ion:101 Resp: 39336

Ion Ratio Lower Upper

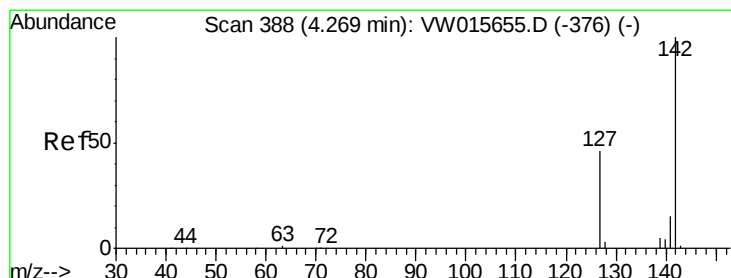
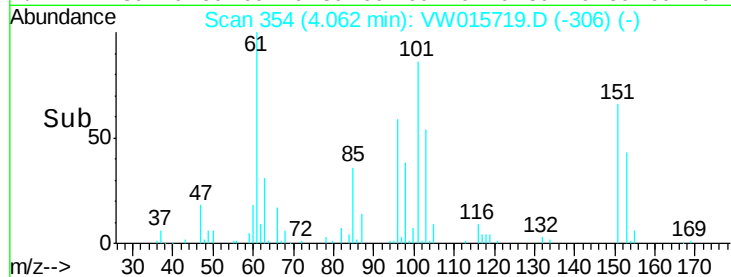
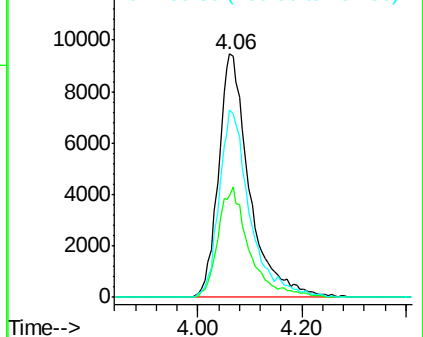
101 100

85 45.5 36.6 55.0

151 76.1 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.479 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

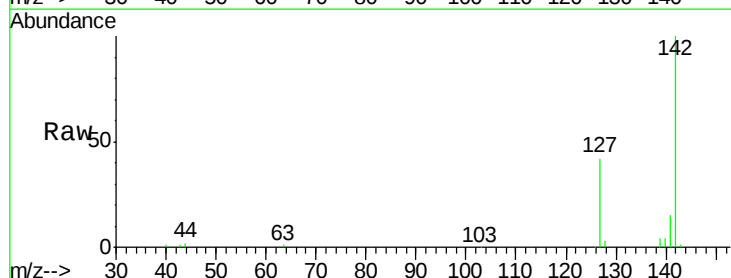
Tgt Ion:142 Resp: 54466

Ion Ratio Lower Upper

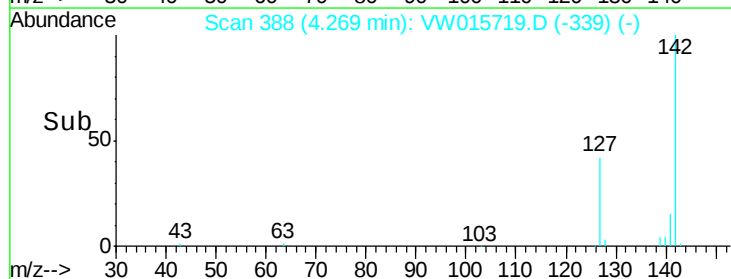
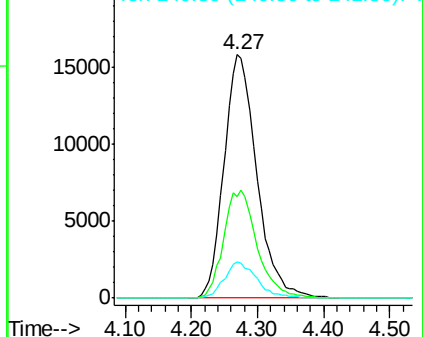
142 100

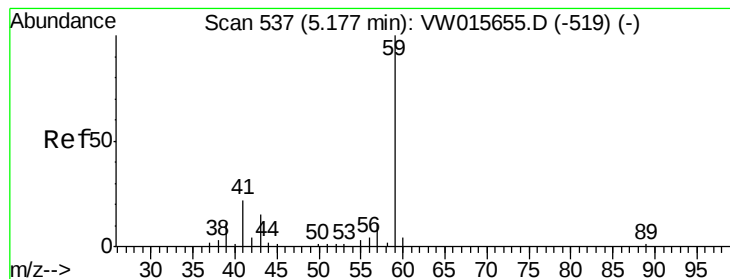
127 45.3 36.4 54.6

141 14.6 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



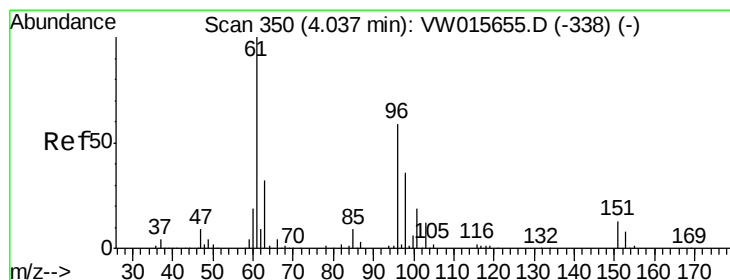
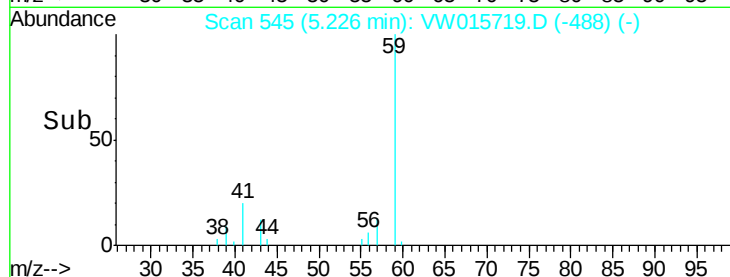
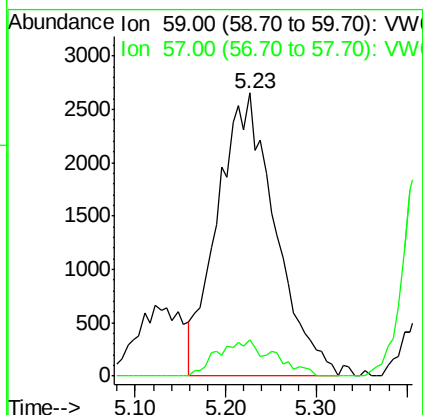
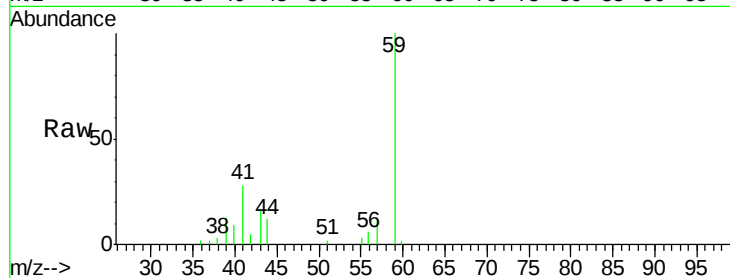


#11

Tert butyl alcohol
 Concen: 78.339 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.05 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

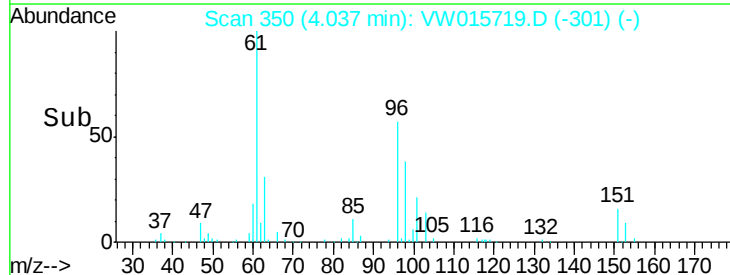
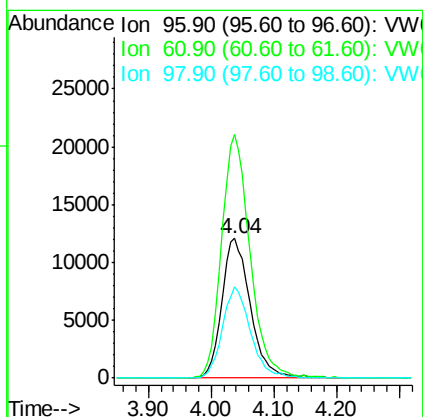
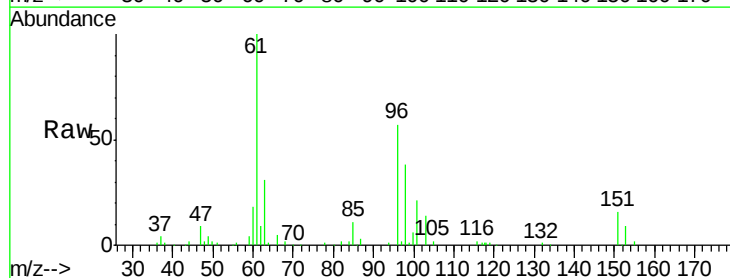
Tot Ion: 59 Resp: 11717
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.4 12.6

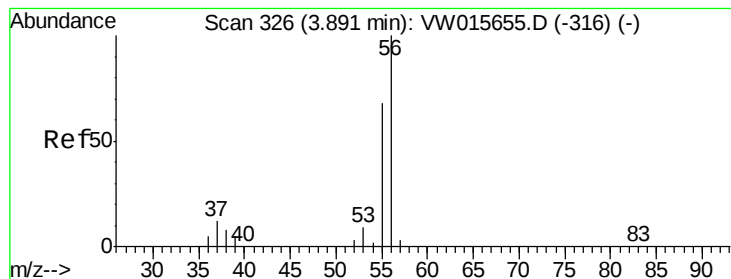


#12

1,1-Dichloroethene
 Concen: 20.771 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 96 Resp: 38043
 Ion Ratio Lower Upper
 96 100
 61 174.3 136.7 205.1
 98 65.4 49.2 73.8





#13

Acrolein

Concen: 92.654 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

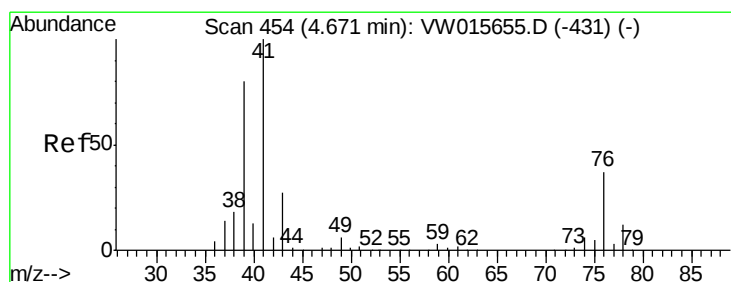
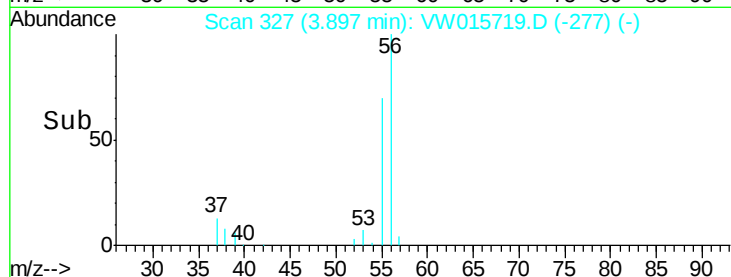
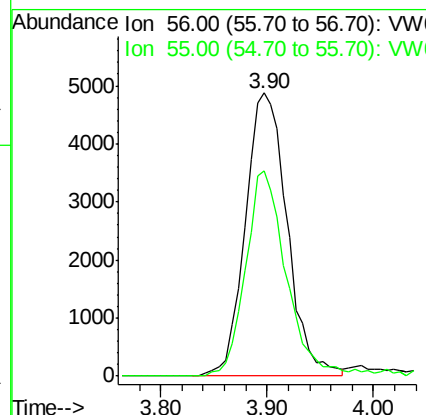
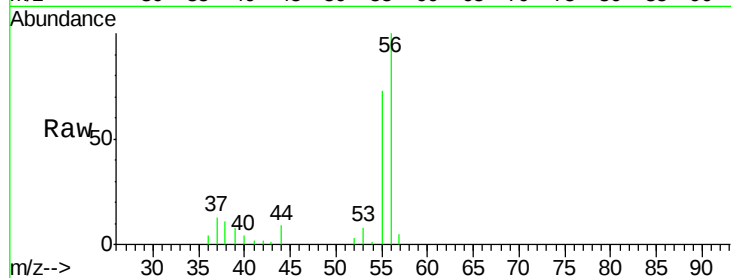
VW0625SBSD01

Tot Ion: 56 Resp: 13446

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.2



#14

Allyl chloride

Concen: 20.052 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

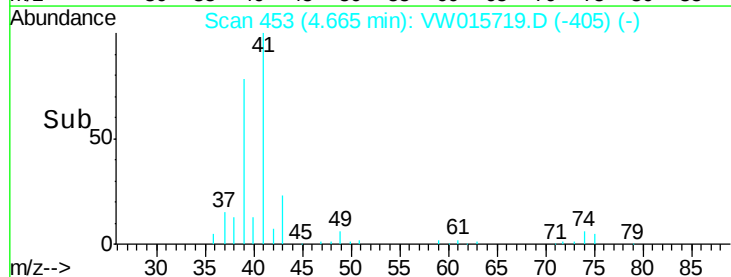
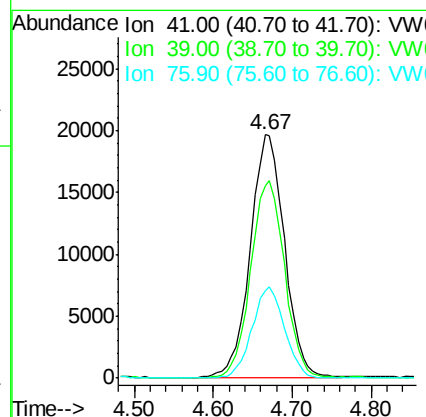
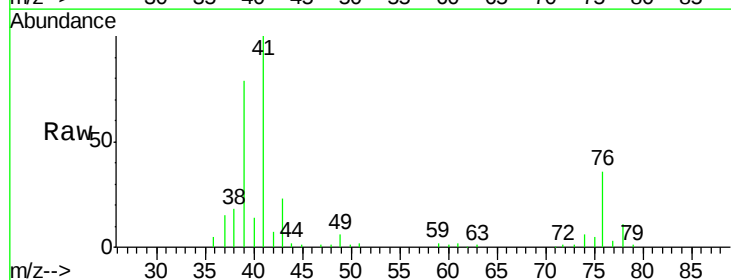
Tgt Ion: 41 Resp: 59582

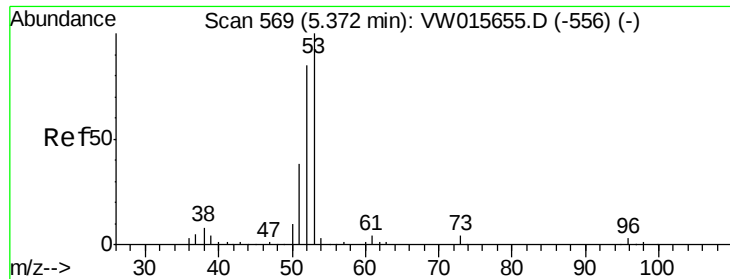
Ion Ratio Lower Upper

41 100

39 80.2 64.6 97.0

76 35.5 29.1 43.7





#15

Acrylonitrile

Concen: 100.788 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

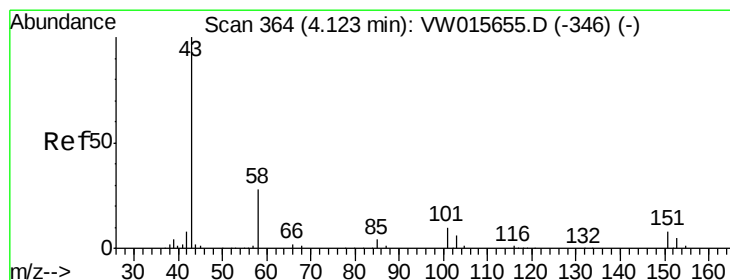
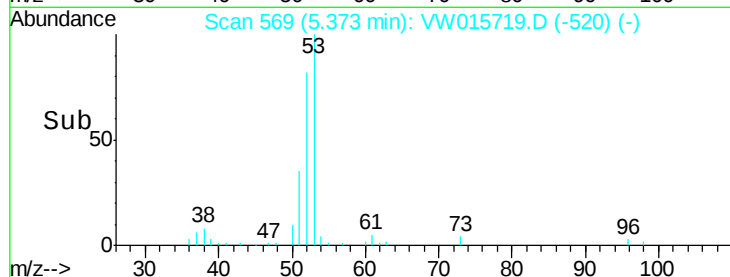
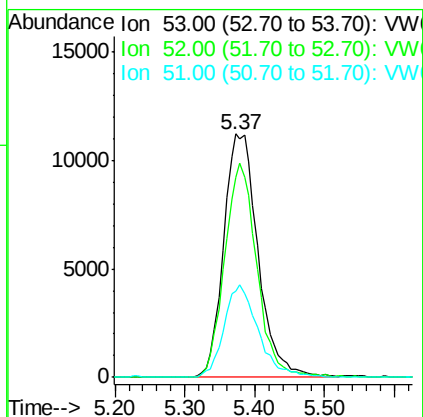
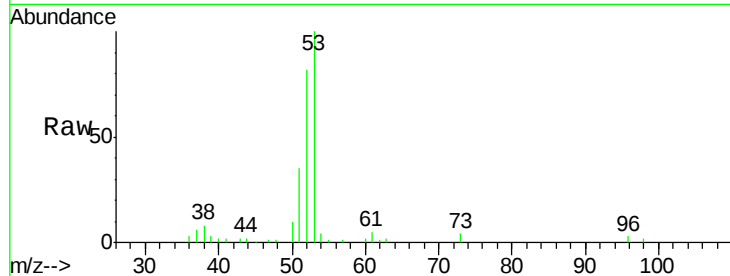
Tot Ion: 53 Resp: 38323

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.6

51 37.6 30.7 46.1



#16

Acetone

Concen: 97.405 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015719.D

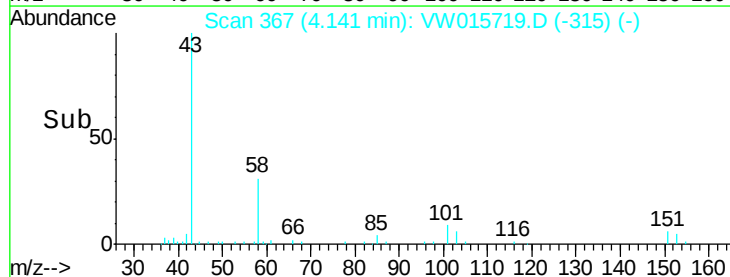
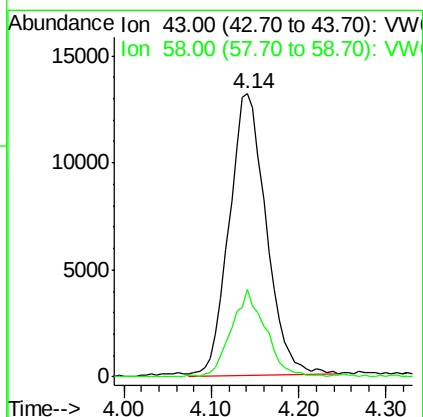
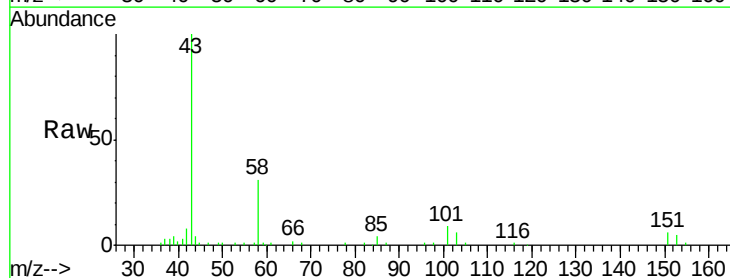
Acq: 25 Jun 2020 11:03

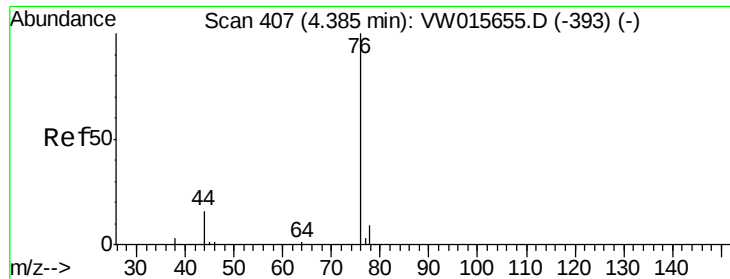
Tgt Ion: 43 Resp: 38683

Ion Ratio Lower Upper

43 100

58 30.7 22.6 33.8

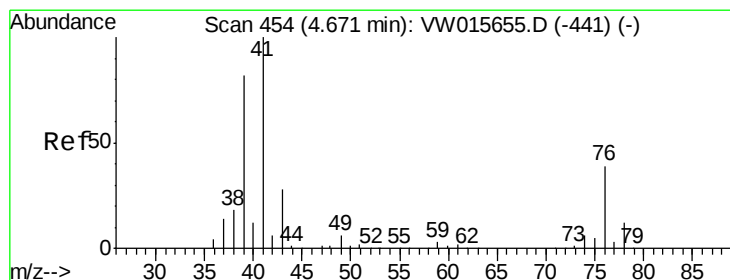
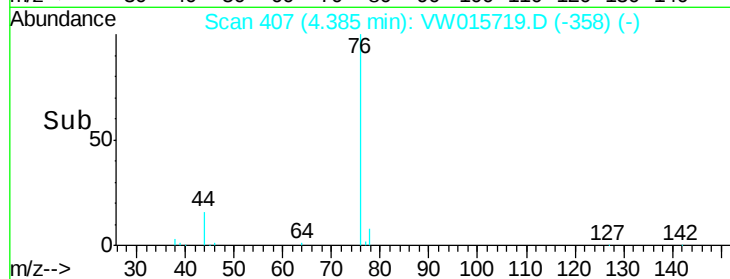
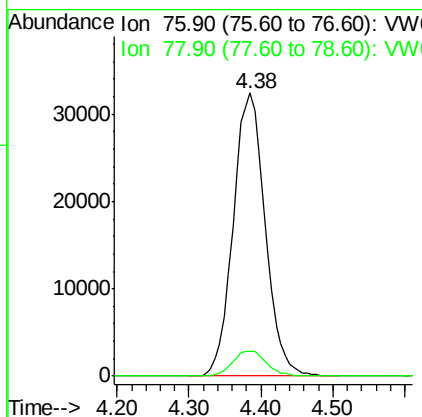
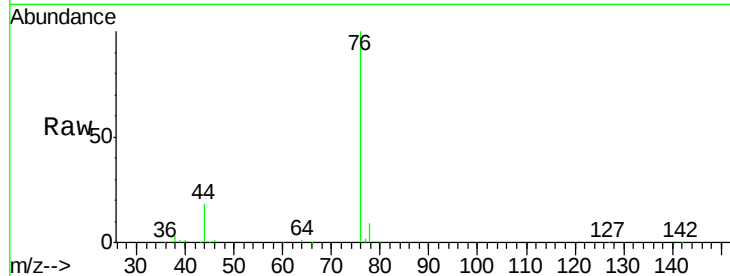




#17
Carbon Disulfide
Concen: 18.976 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

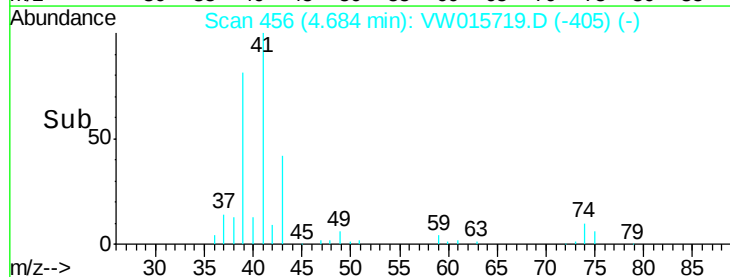
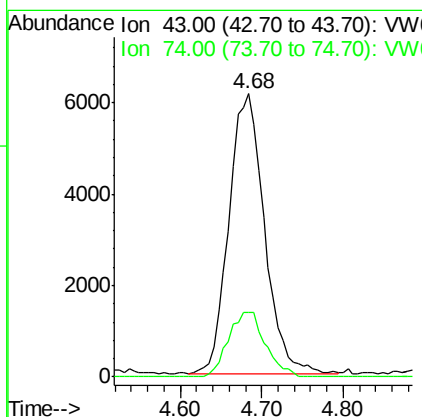
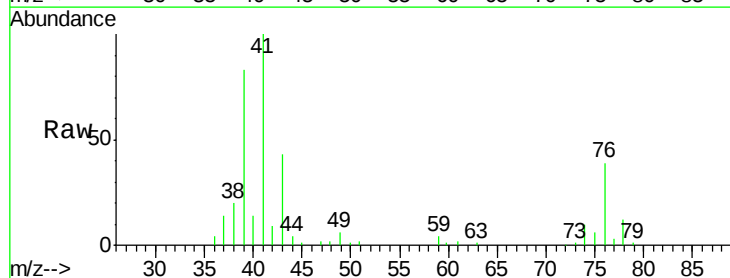
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

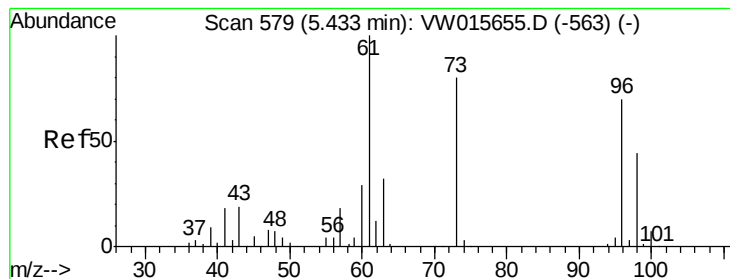
Tot Ion: 76 Resp: 100026
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 19.831 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 43 Resp: 18592
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



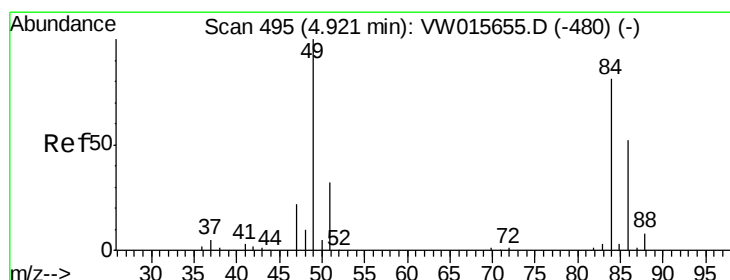
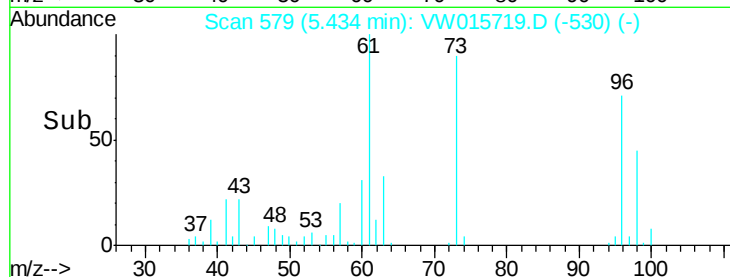
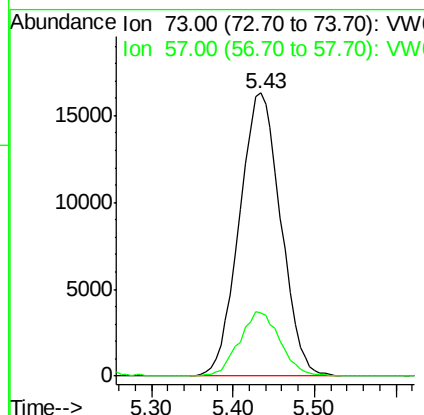
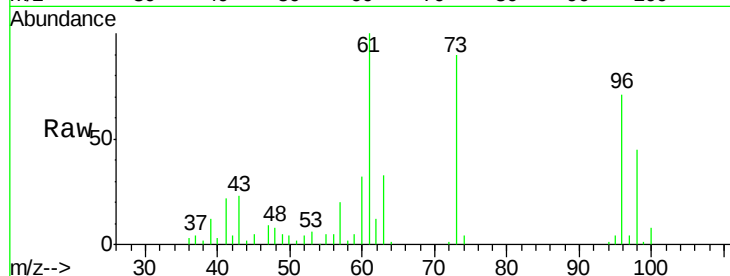


#19

Methyl tert-butyl Ether
 Concen: 20.829 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

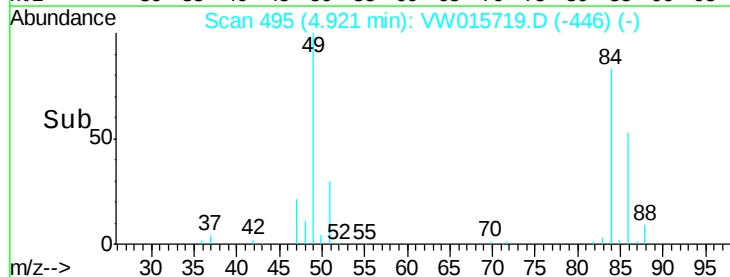
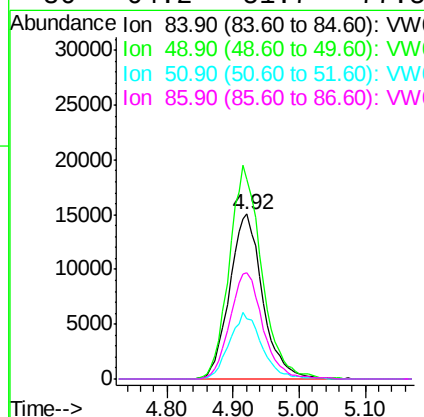
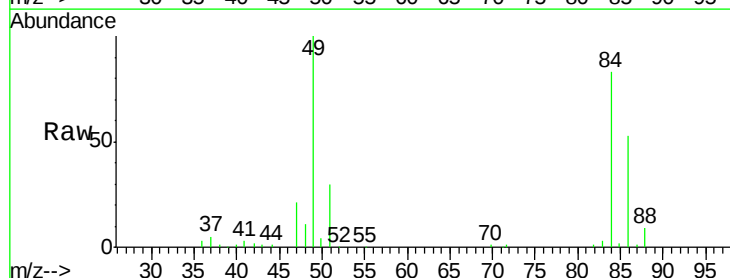
Tot Ion: 73 Resp: 57413
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.1 27.1

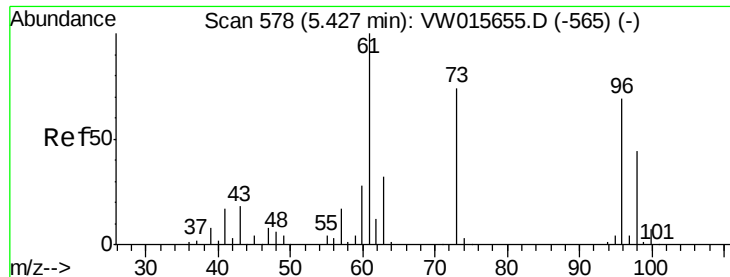


#20

Methylene Chloride
 Concen: 24.629 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 84 Resp: 52128
 Ion Ratio Lower Upper
 84 100
 49 120.9 99.3 148.9
 51 36.2 31.8 47.6
 86 64.2 51.7 77.5

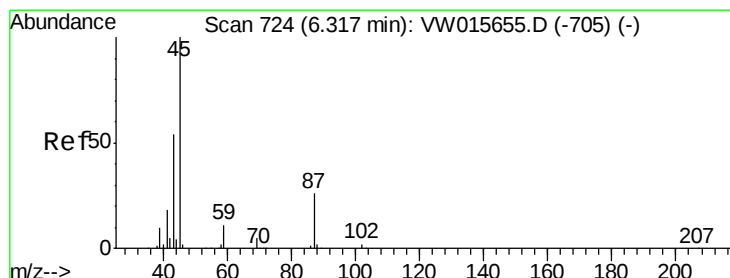
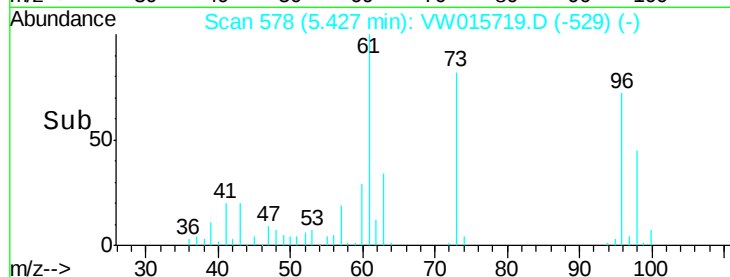
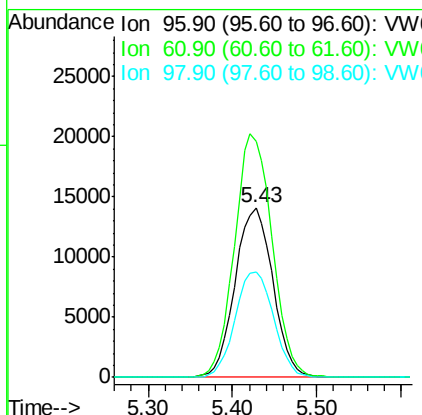
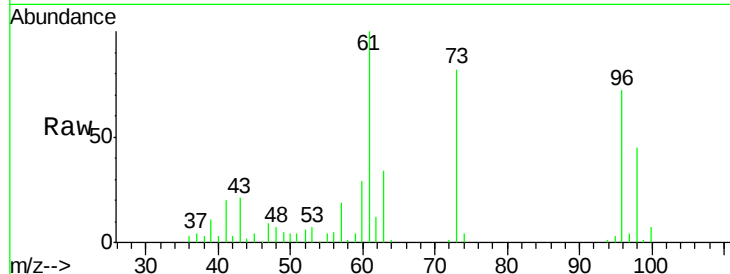




#21
trans-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

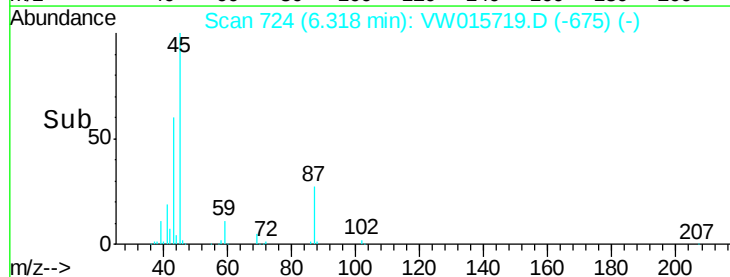
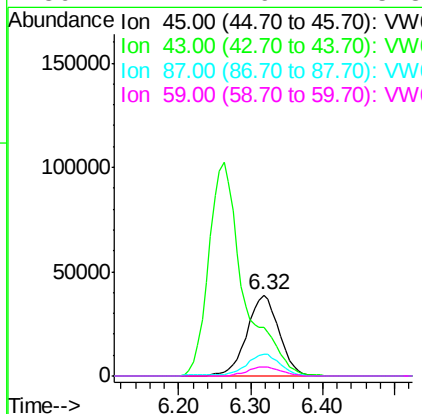
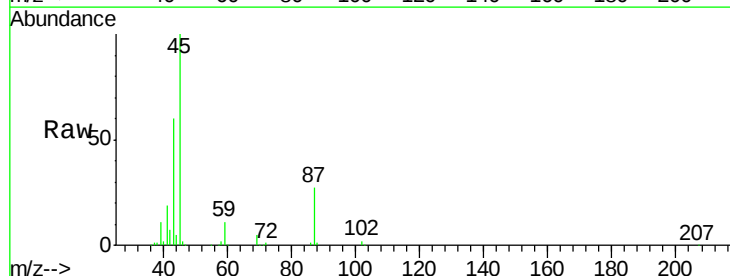
Instrument :
MSVOA_W
ClientSampled :
VW0625SBSD01

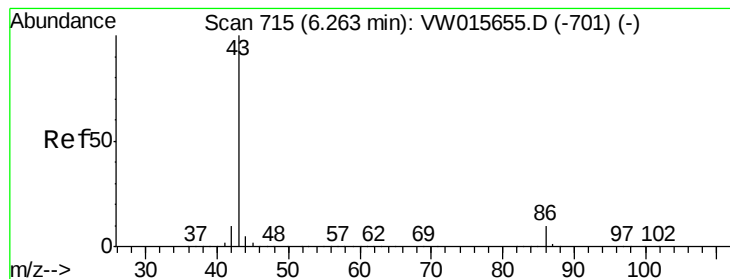
Tot Ion: 96 Resp: 42897
Ion Ratio Lower Upper
96 100
61 139.1 116.2 174.2
98 62.0 51.4 77.0



#22
Diisopropyl ether
Concen: 20.440 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 45 Resp: 120796
Ion Ratio Lower Upper
45 100
43 58.9 43.9 65.9
87 27.0 21.2 31.8
59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 100.377 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

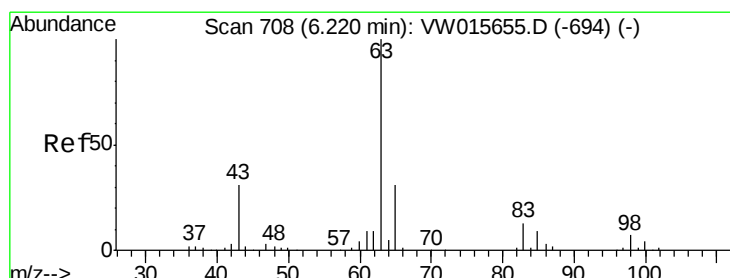
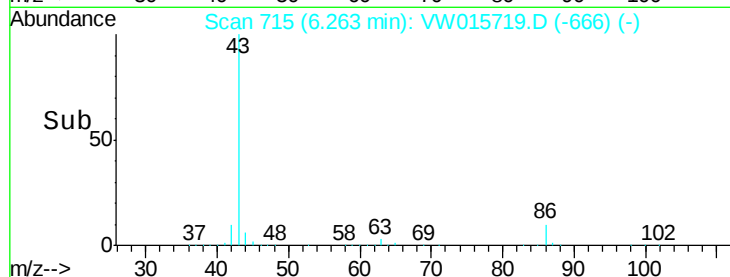
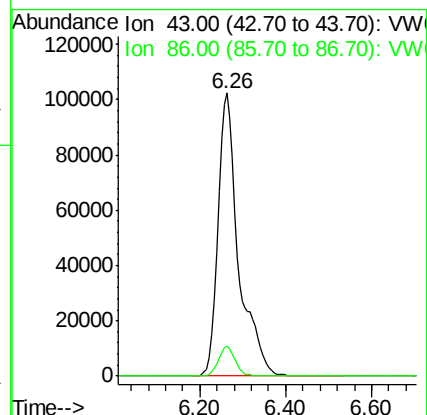
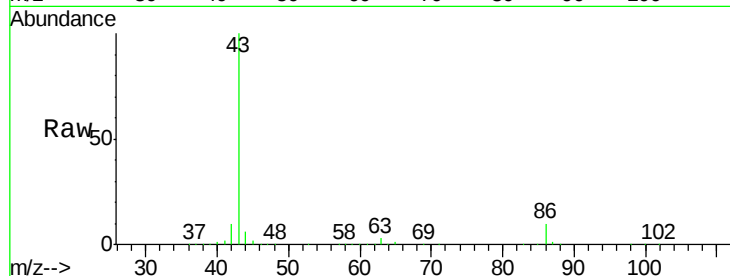
VW0625SBSD01

Tot Ion: 43 Resp: 345936

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



#24

1,1-Dichloroethane

Concen: 20.867 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

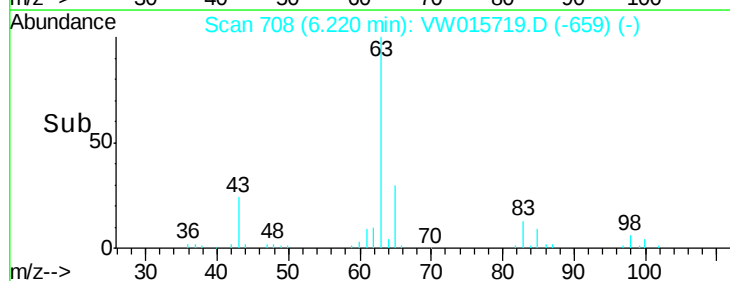
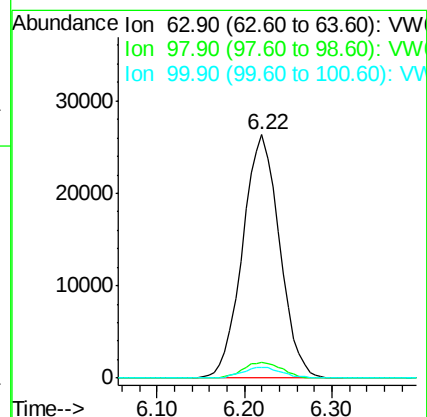
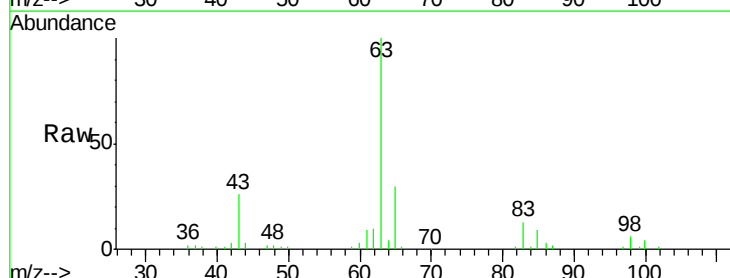
Tgt Ion: 63 Resp: 77629

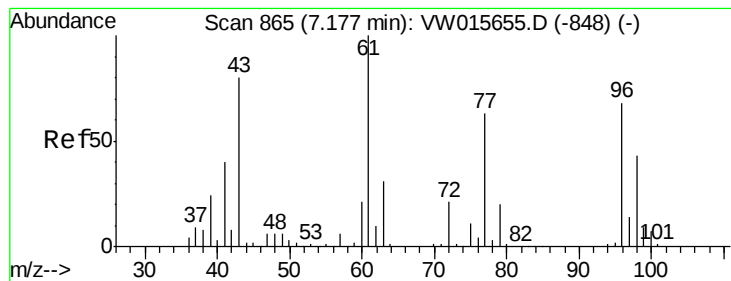
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 98.213 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

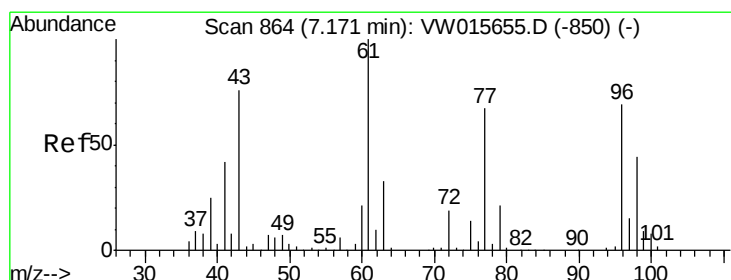
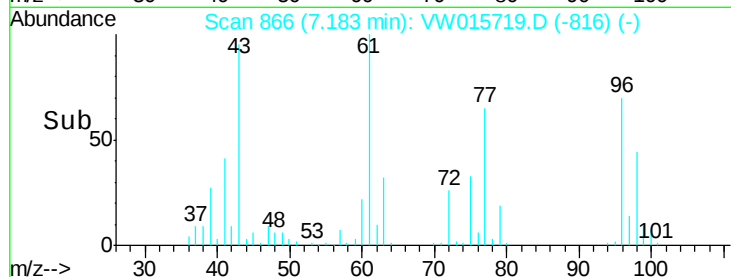
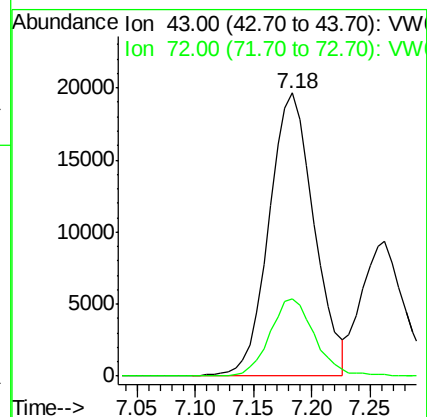
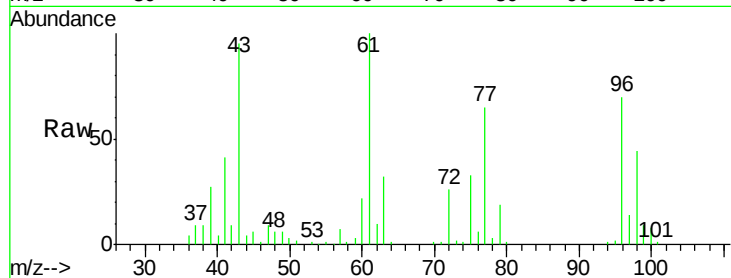
VW0625SBSD01

Tot Ion: 43 Resp: 52715

Ion Ratio Lower Upper

43 100

72 27.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 19.986 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015719.D

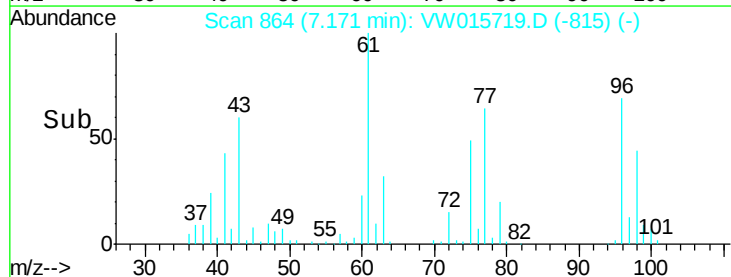
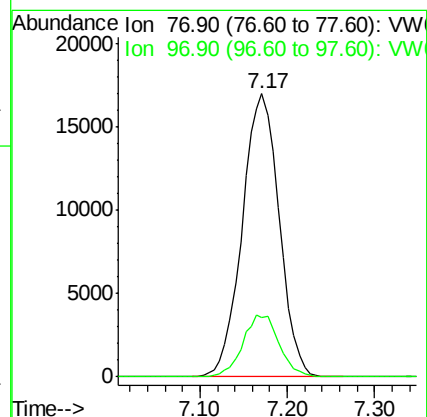
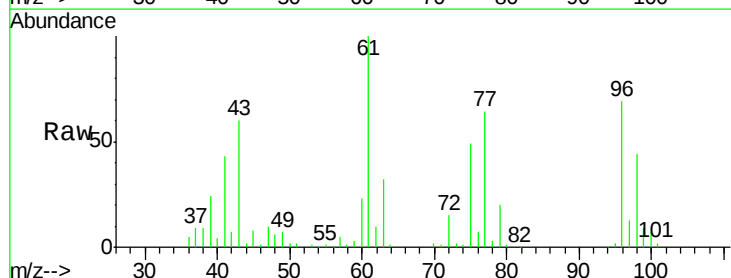
Acq: 25 Jun 2020 11:03

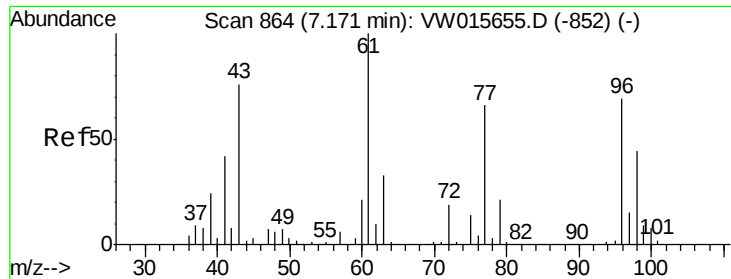
Tgt Ion: 77 Resp: 49867

Ion Ratio Lower Upper

77 100

97 21.4 11.2 33.5



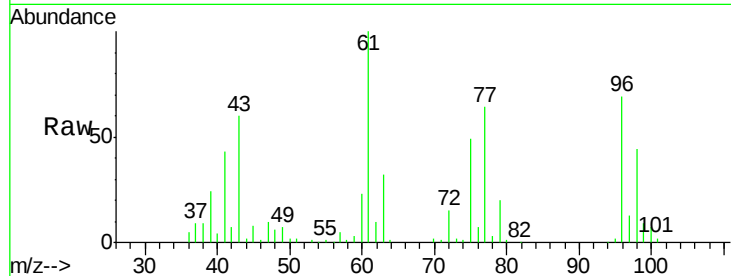


#27

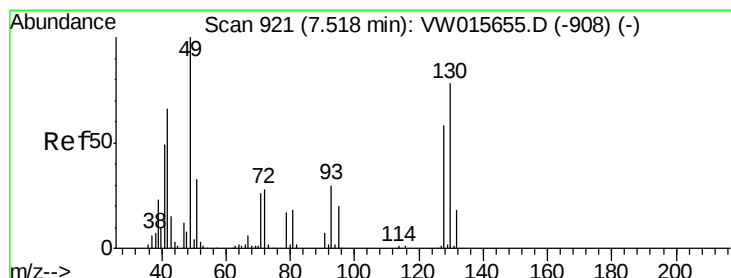
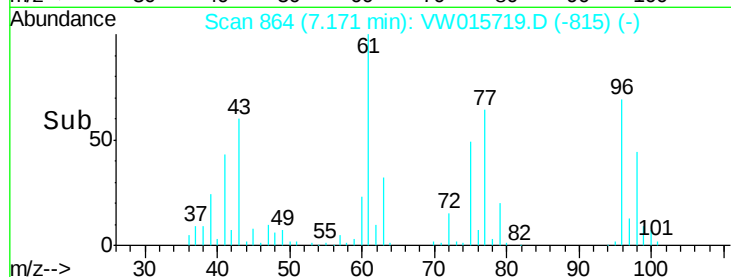
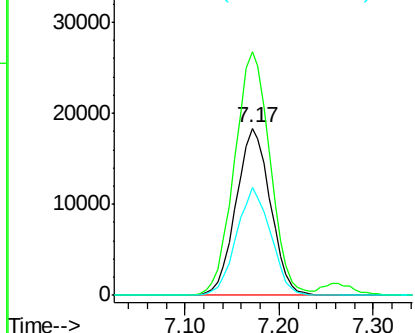
cis-1,2-Dichloroethene
 Concen: 20.646 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampled :
 VW0625SBS01

Tot Ion	96	Resp	46636
Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	296.8
98	64.2	0.0	128.0



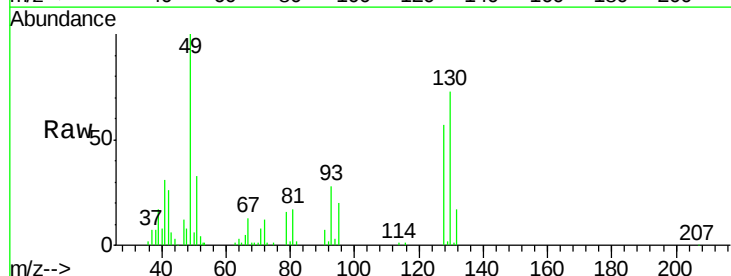
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



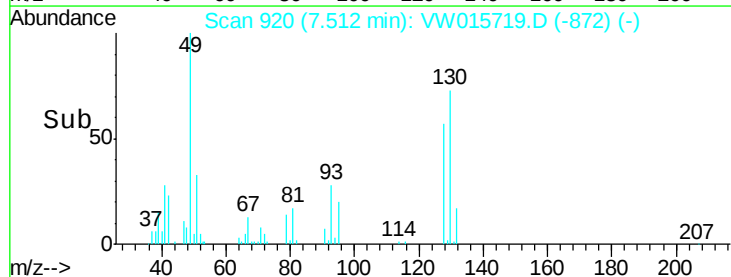
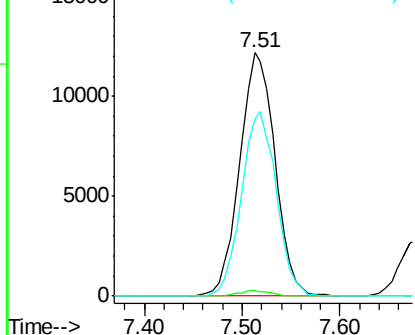
#28

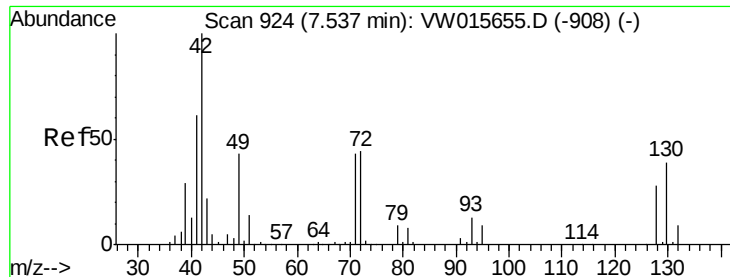
Bromochloromethane
 Concen: 21.334 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	49	Resp	30529
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	74.8	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: 98.345 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampled :

VW0625SBSD01

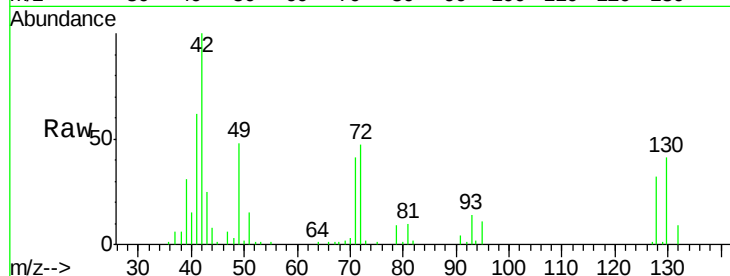
Tot Ion: 42 Resp: 31019

Ion Ratio Lower Upper

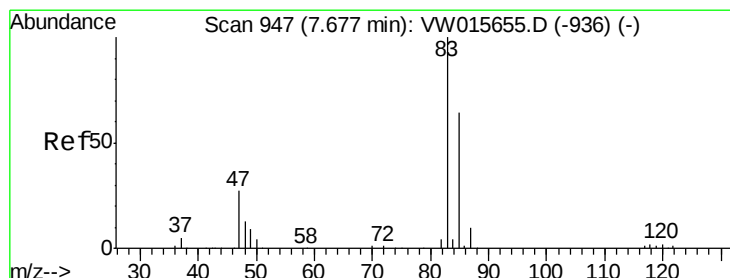
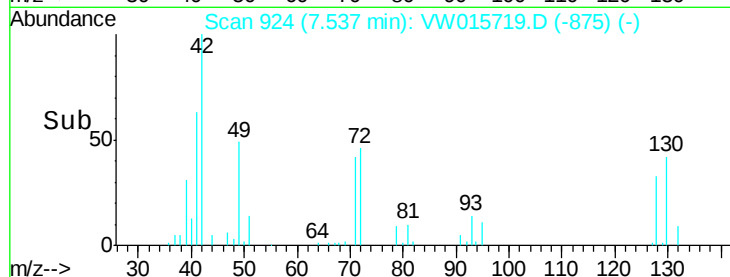
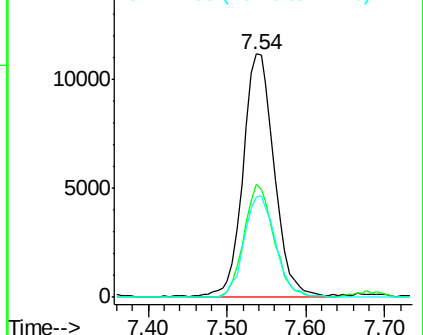
42 100

72 44.3 35.0 52.6

71 41.4 32.6 49.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.876 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015719.D

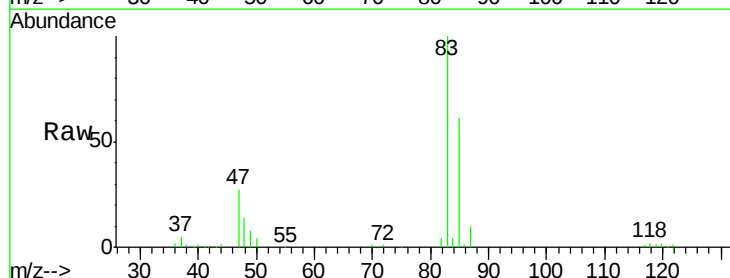
Acq: 25 Jun 2020 11:03

Tgt Ion: 83 Resp: 79646

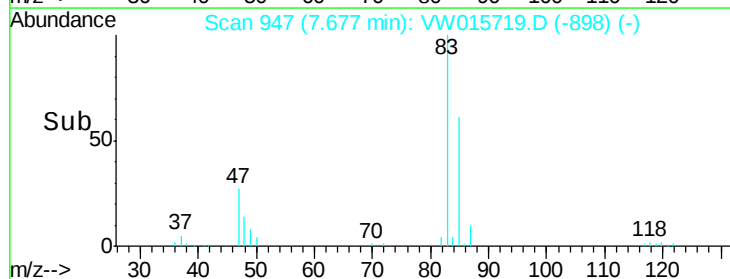
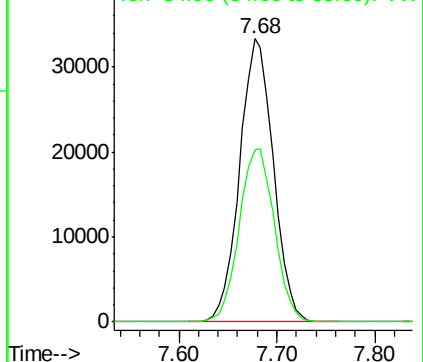
Ion Ratio Lower Upper

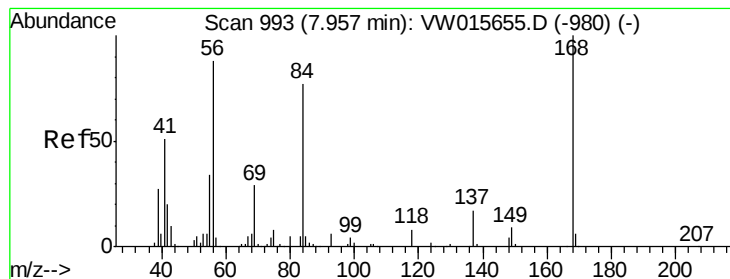
83 100

85 60.9 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.068 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleID :

VW0625SBS01

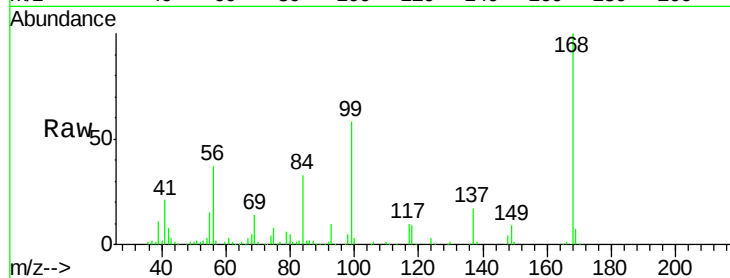
Tot Ion: 56 Resp: 72216

Ion Ratio Lower Upper

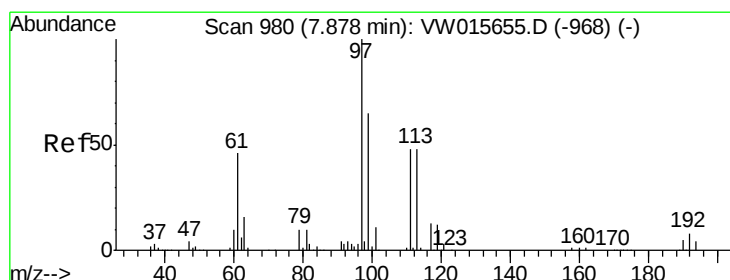
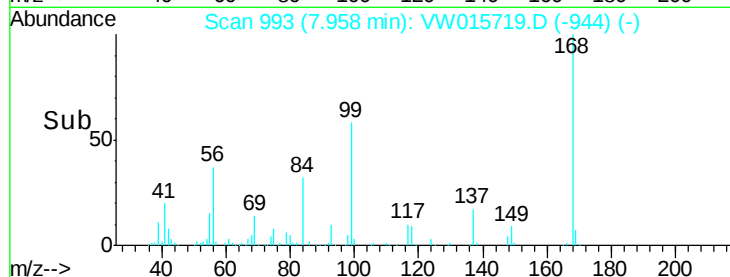
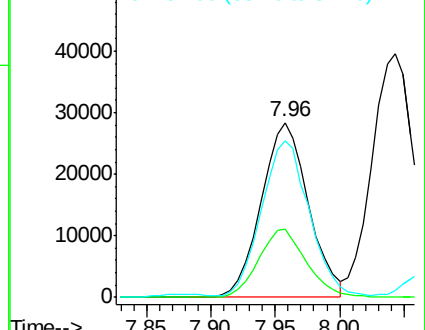
56 100

69 39.3 26.2 39.4

84 88.1 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 20.445 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

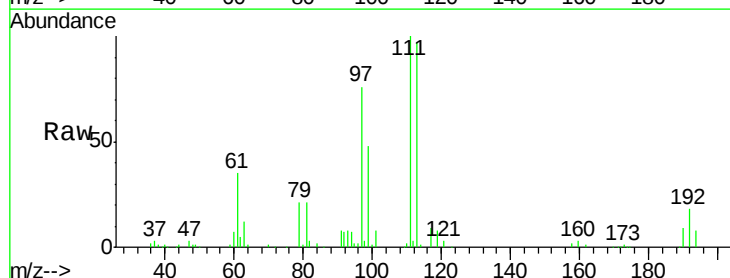
Tgt Ion: 97 Resp: 66489

Ion Ratio Lower Upper

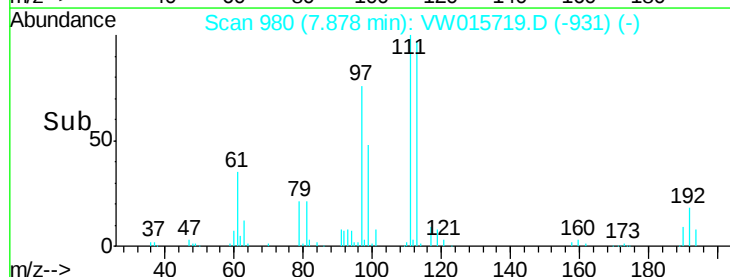
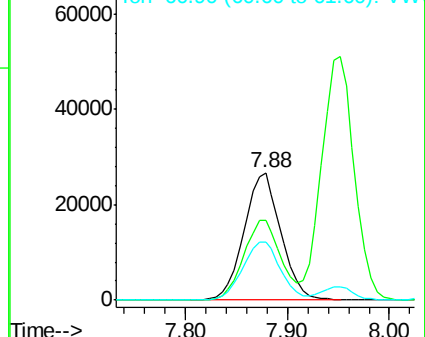
97 100

99 63.4 51.9 77.9

61 47.3 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: 50.315 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

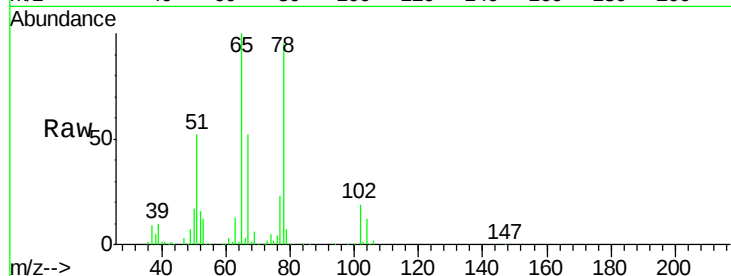
VW0625SBSD01

Tot Ion: 65 Resp: 105110

Ion Ratio Lower Upper

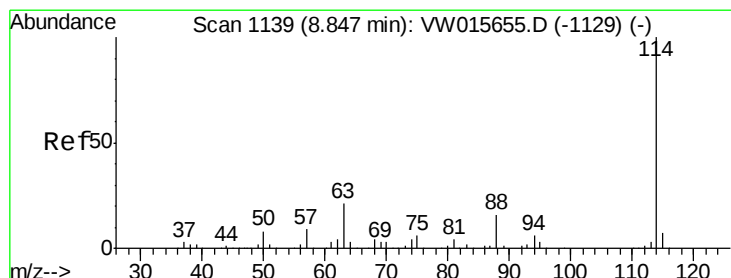
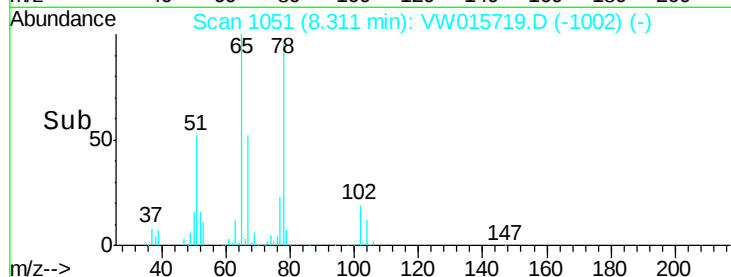
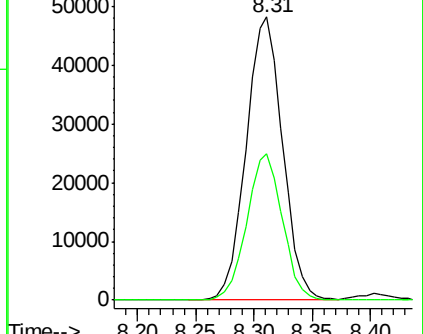
65 100

67 50.7 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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

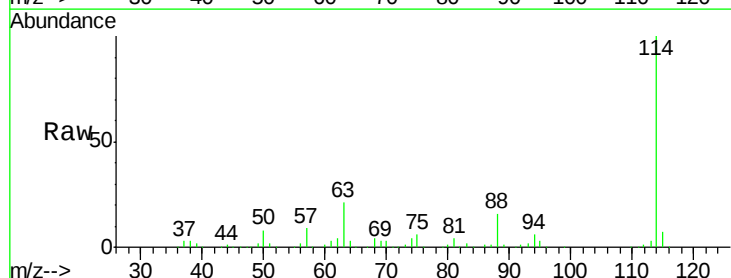
Tgt Ion: 114 Resp: 297143

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

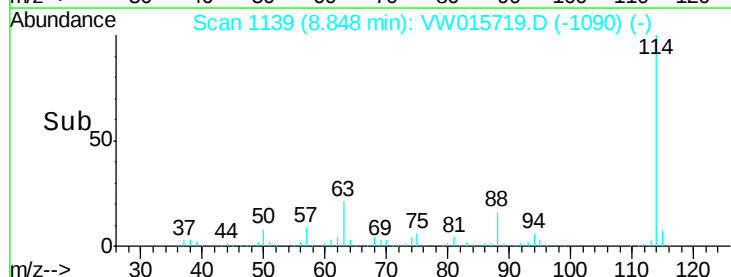
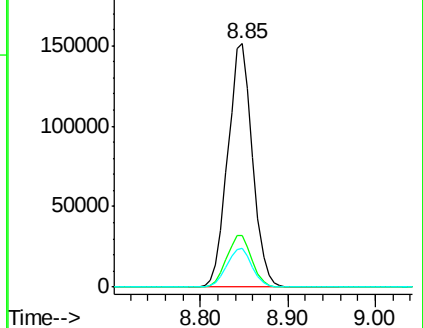
88 15.7 0.0 32.6

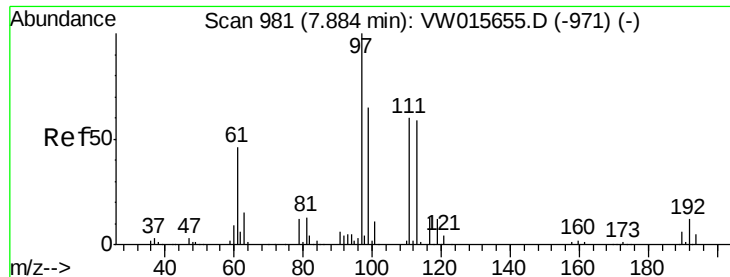


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

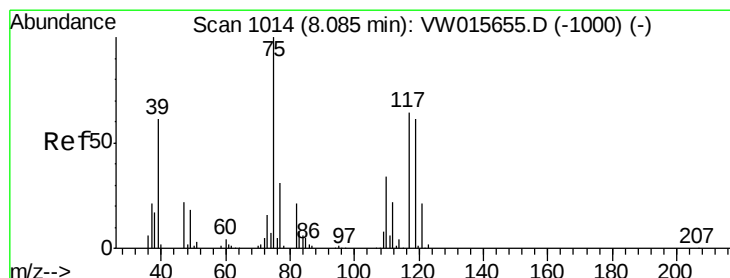
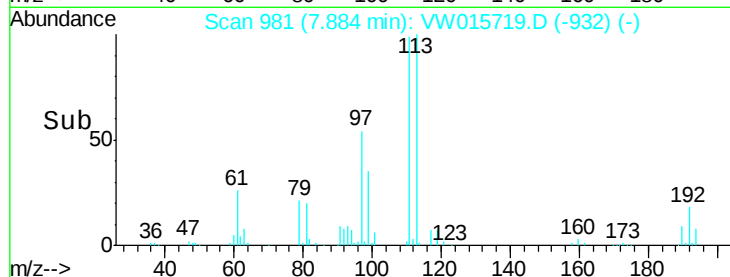
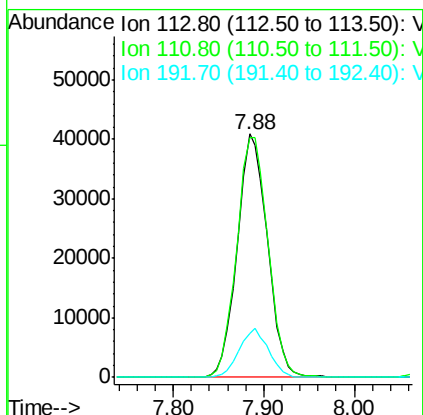
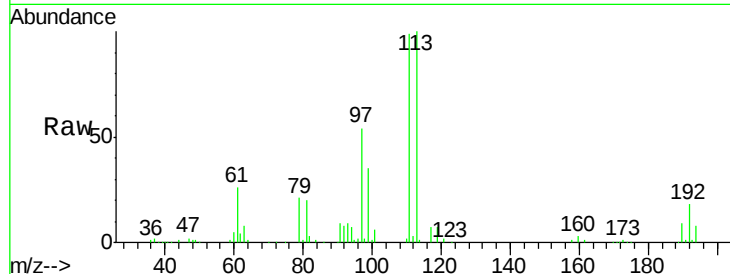




#35
 Dibromofluoromethane
 Concen: 50.463 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

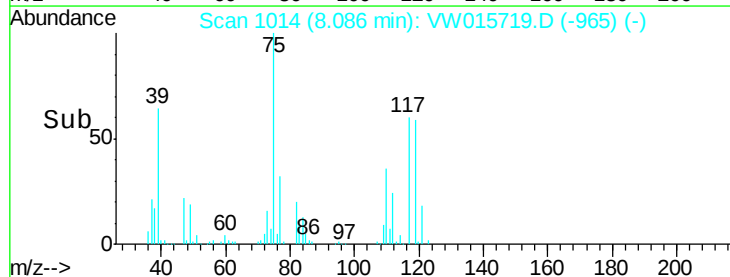
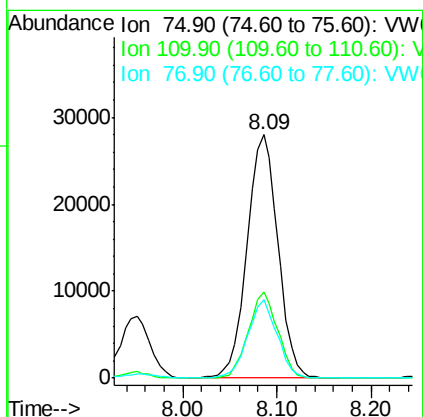
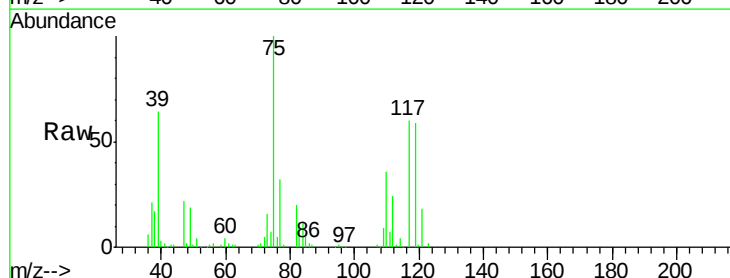
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

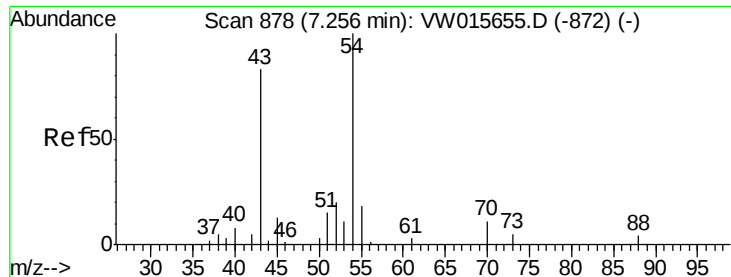
Tot Ion:113 Resp: 94321
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 19.5 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 20.889 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 75 Resp: 64558
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.0 51.0
 77 30.6 24.6 36.8

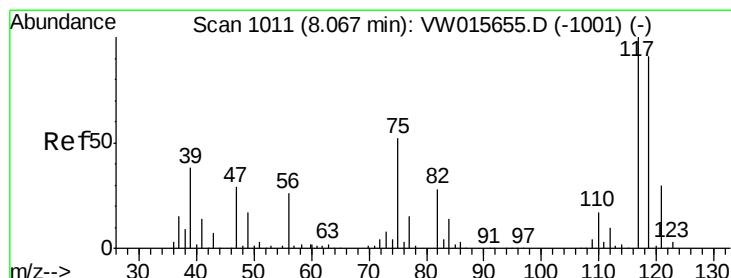
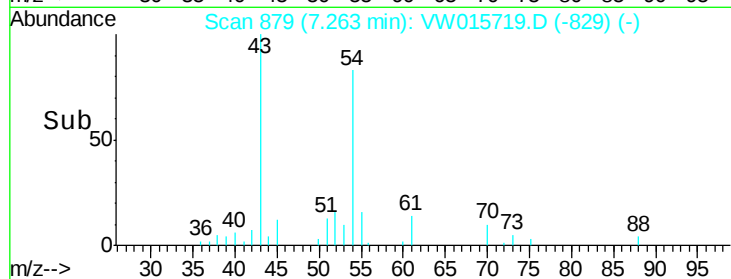
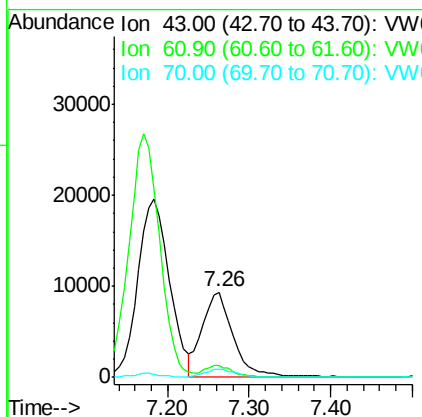
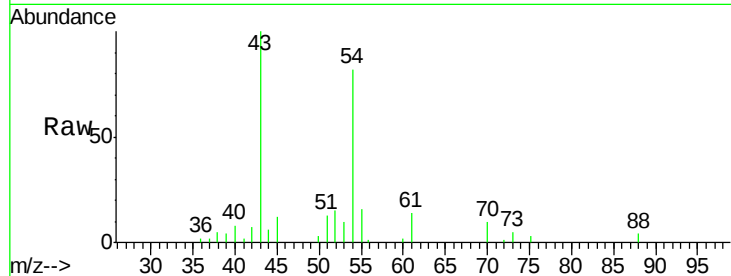




#37
Ethyl Acetate
Concen: 20.774 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

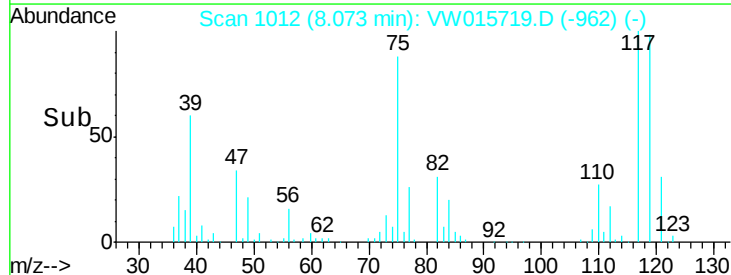
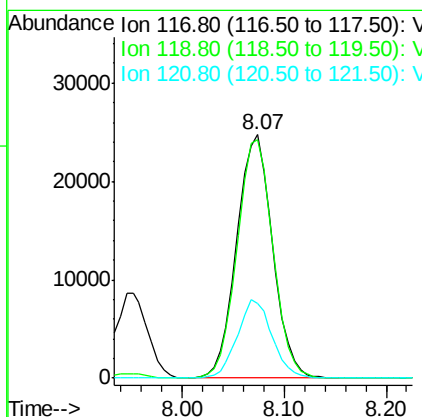
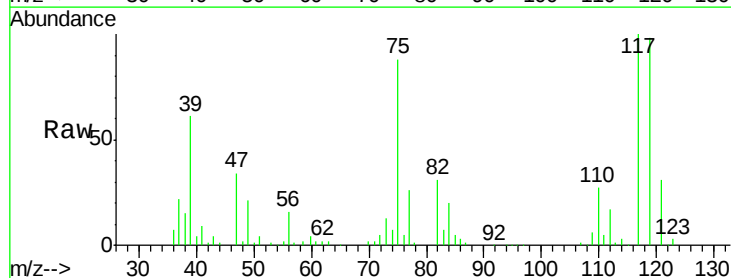
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 43 Resp: 24514
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.206 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 117 Resp: 60533
Ion Ratio Lower Upper
117 100
119 98.2 73.2 109.8
121 30.6 23.9 35.9

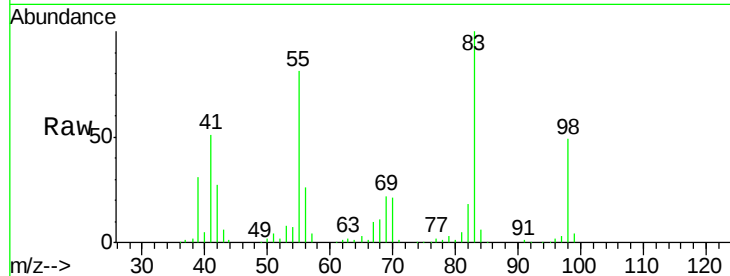




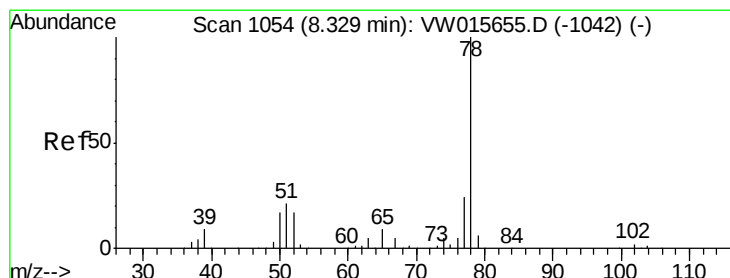
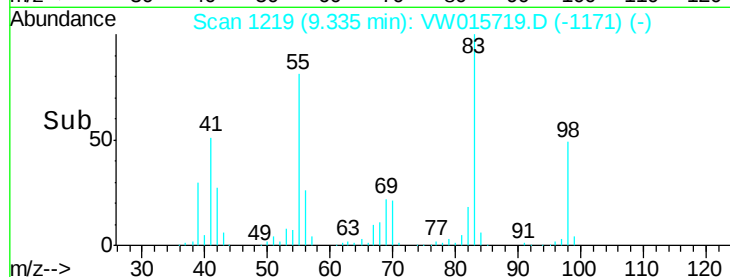
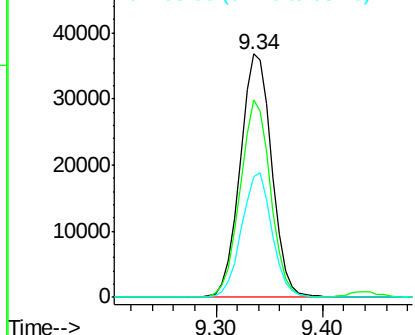
#39
Methvlcvclohexane
Concen: 20.478 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion: 83 Resp: 76658
Ion Ratio Lower Upper
83 100
55 81.2 62.8 94.2
98 49.3 39.9 59.9

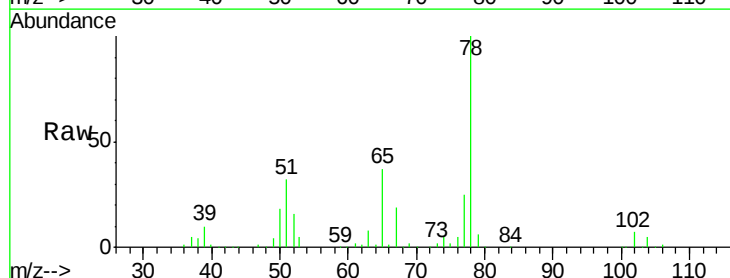


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

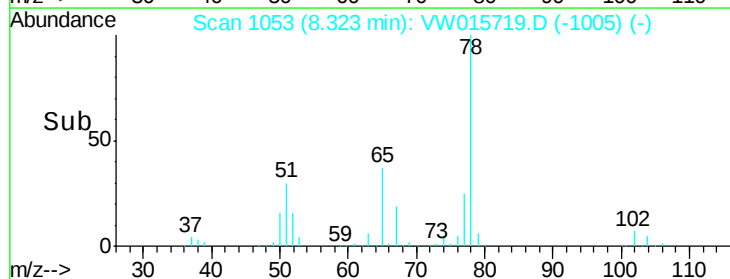
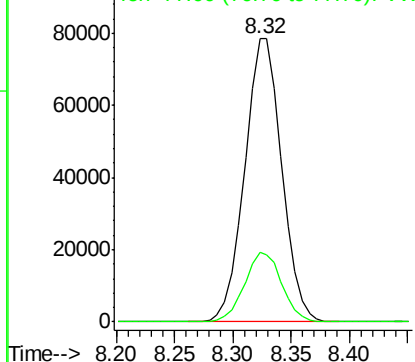


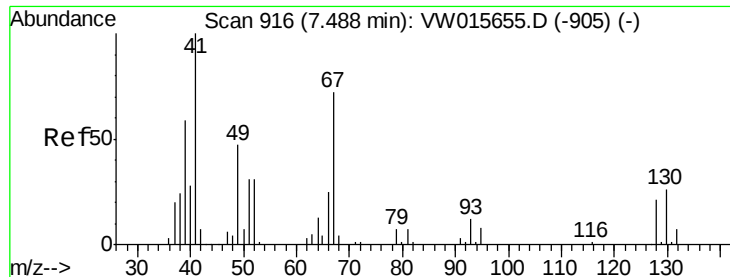
#40
Benzene
Concen: 20.709 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 78 Resp: 174027
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9



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

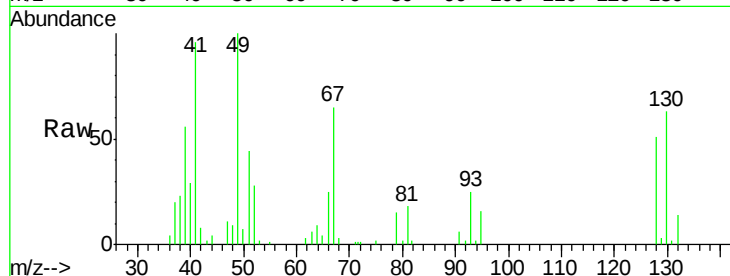




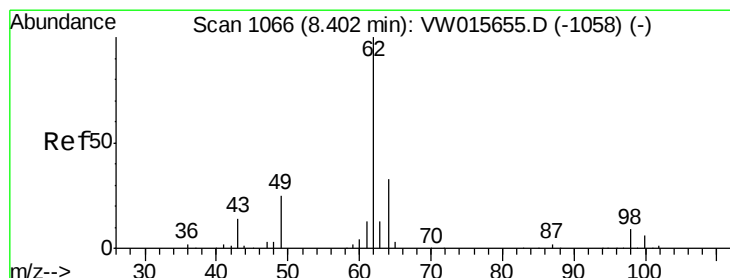
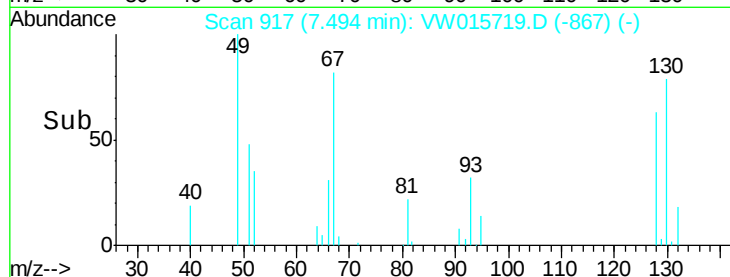
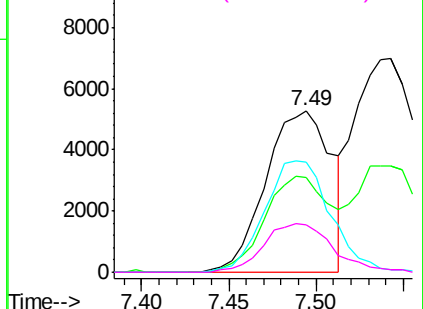
#41
Methacrylonitrile
Concen: 20.419 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion:	41	Resp:	13829
Ion	Ratio	Lower	Upper
41	100		
39	58.5	52.0	78.0
67	69.5	57.5	86.3
52	31.6	26.5	39.7

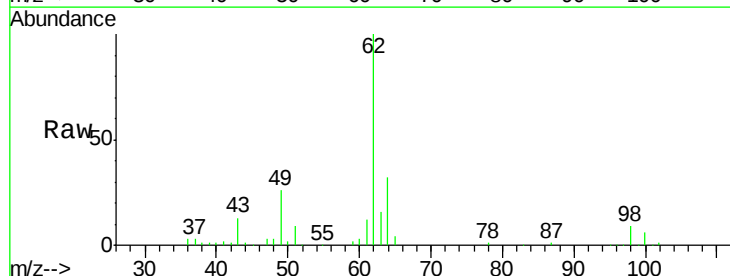


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

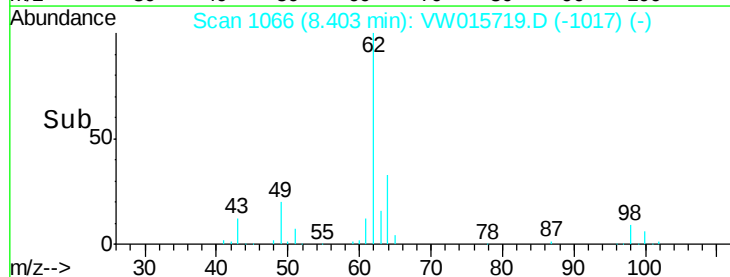
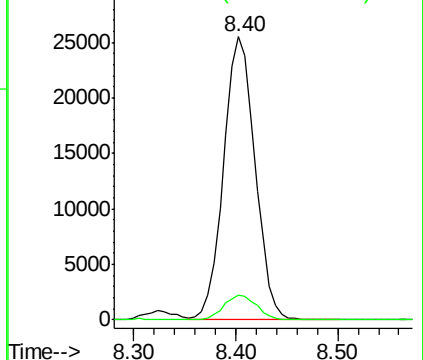


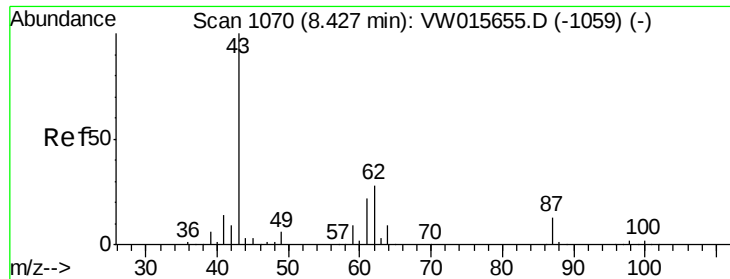
#42
1,2-Dichloroethane
Concen: 20.994 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:	62	Resp:	54578
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.4



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





#43

Isopropyl Acetate

Concen: 19.876 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

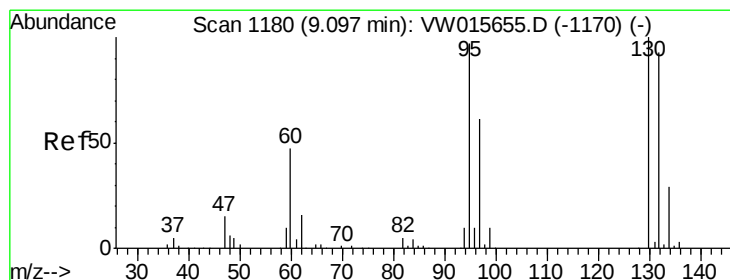
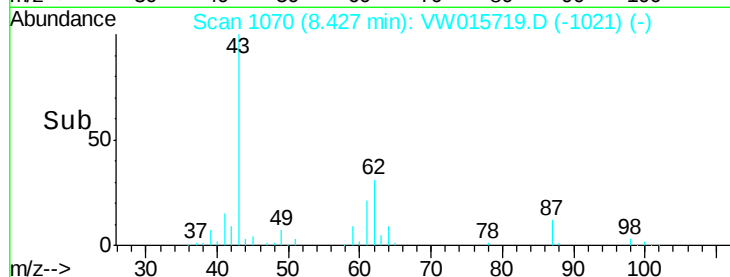
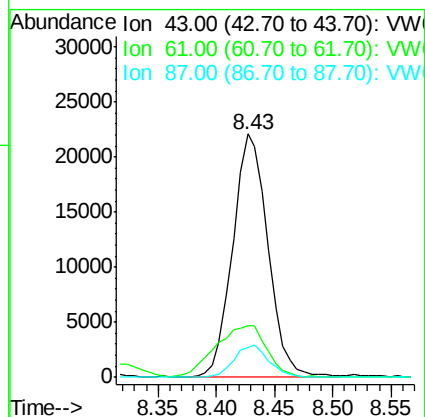
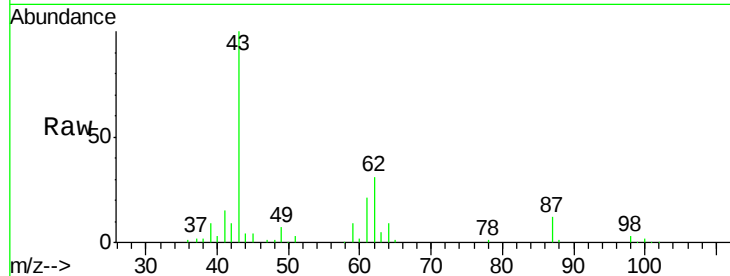
Tot Ion: 43 Resp: 46805

Ion Ratio Lower Upper

43 100

61 31.0 24.7 37.1

87 12.9 10.2 15.2



#44

Trichloroethene

Concen: 20.462 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015719.D

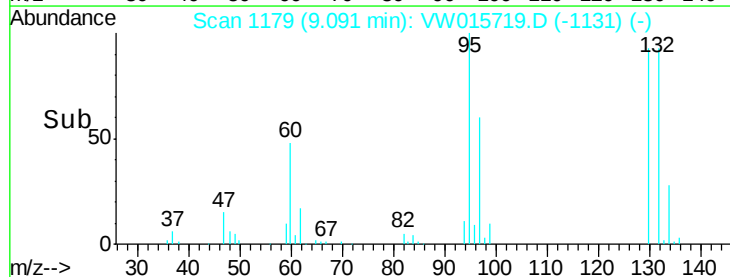
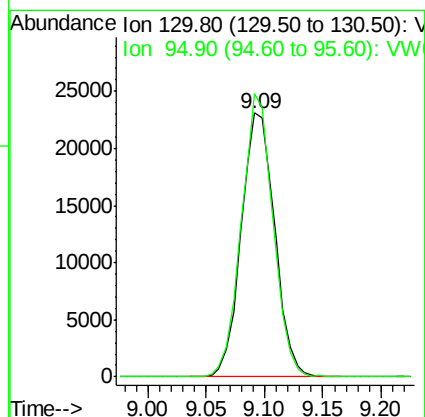
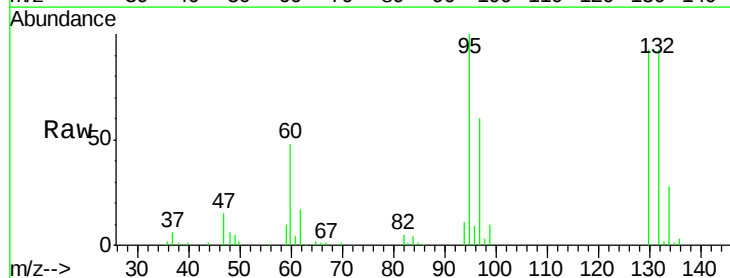
Acq: 25 Jun 2020 11:03

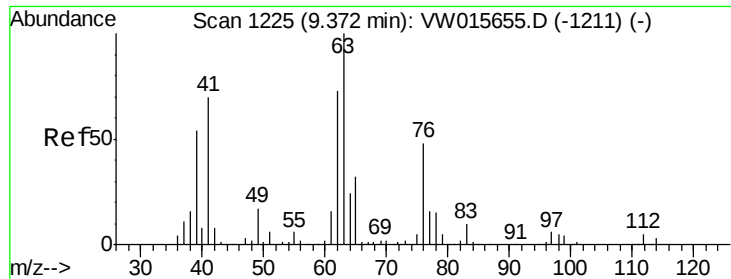
Tgt Ion: 130 Resp: 46348

Ion Ratio Lower Upper

130 100

95 107.3 0.0 194.4





#45

1,2-Dichloropropane

Concen: 20.836 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

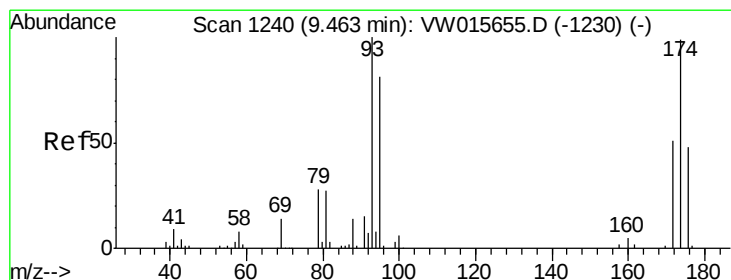
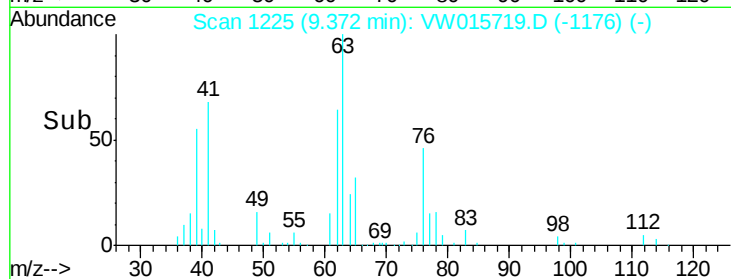
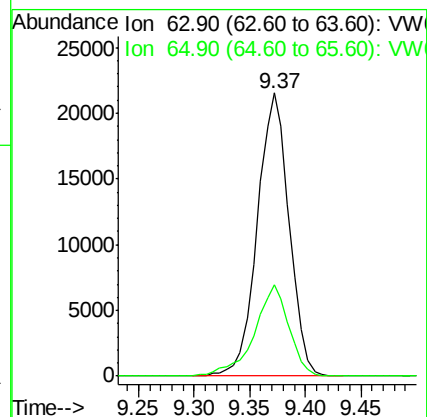
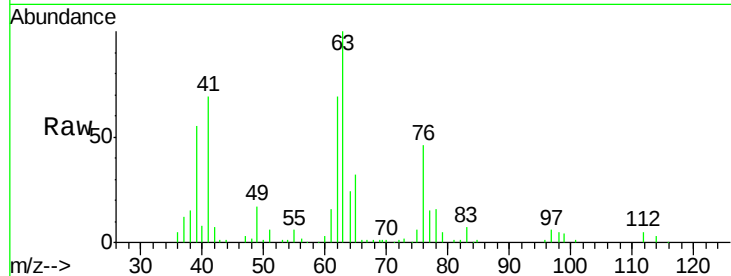
VW0625SBSD01

Tot Ion: 63 Resp: 42798

Ion Ratio Lower Upper

63 100

65 32.2 25.3 37.9



#46

Dibromomethane

Concen: 20.314 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

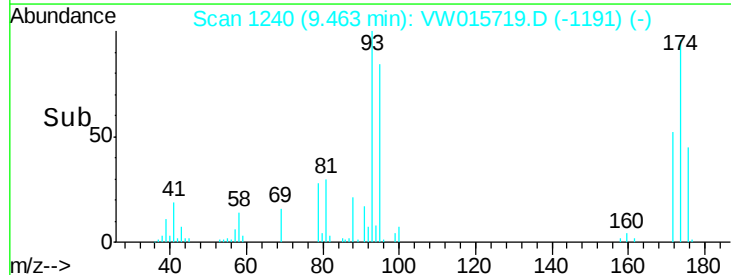
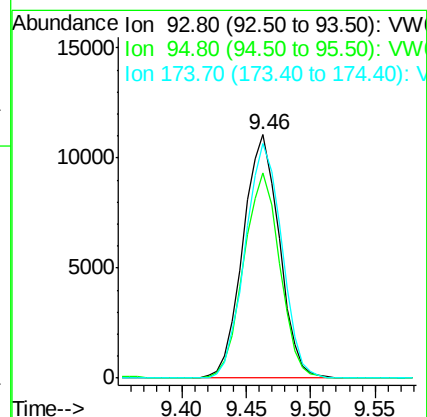
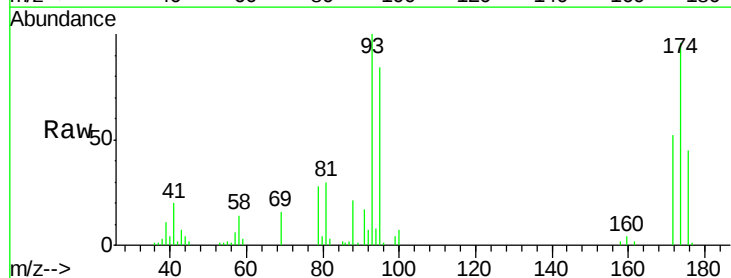
Tgt Ion: 93 Resp: 21589

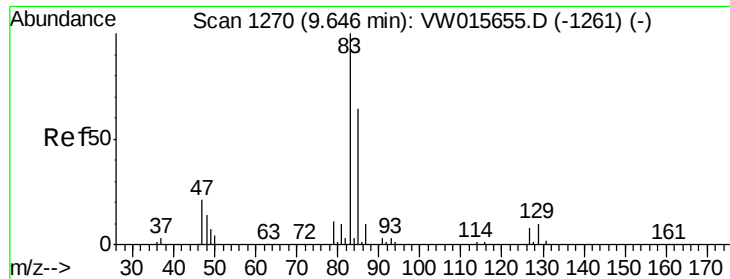
Ion Ratio Lower Upper

93 100

95 83.5 65.7 98.5

174 97.2 79.0 118.6





#47

Bromodichloromethane

Concen: 20.078 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

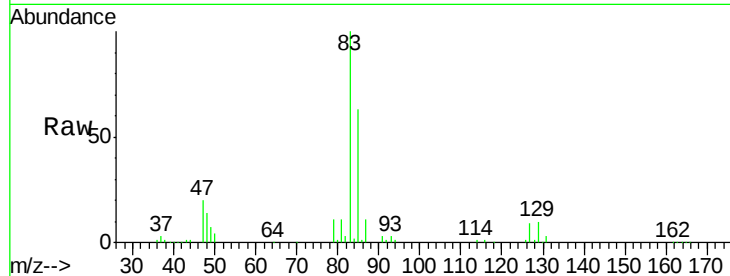
Tot Ion: 83 Resp: 55659

Ion Ratio Lower Upper

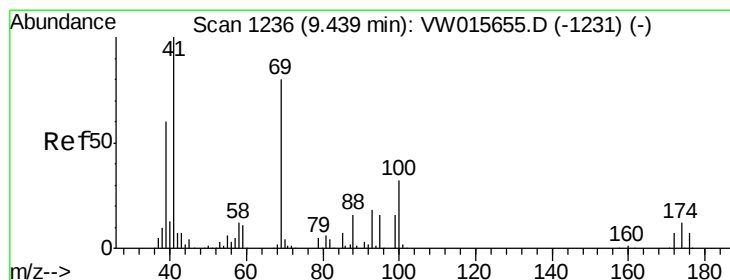
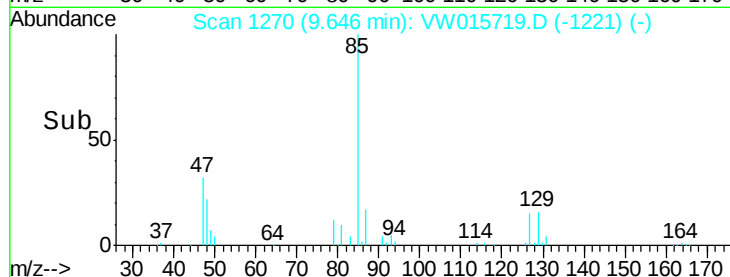
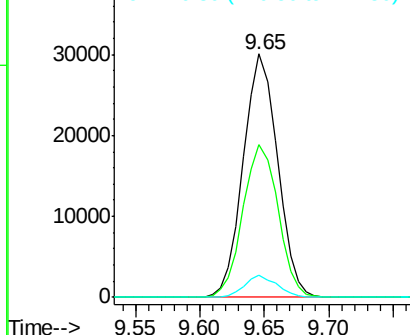
83 100

85 62.6 50.8 76.2

127 9.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.014 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

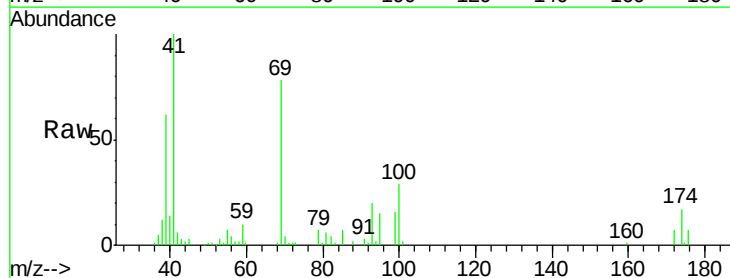
Tgt Ion: 41 Resp: 21548

Ion Ratio Lower Upper

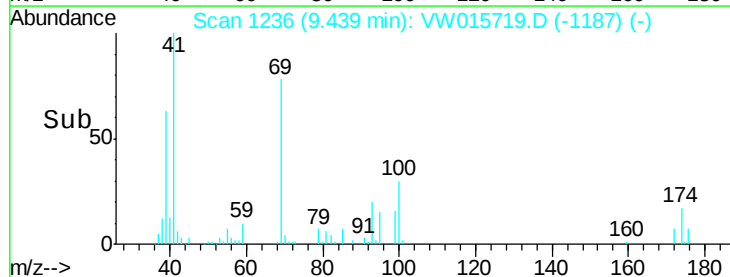
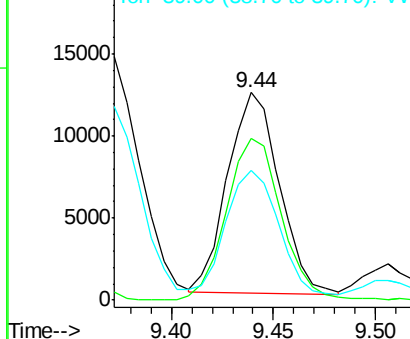
41 100

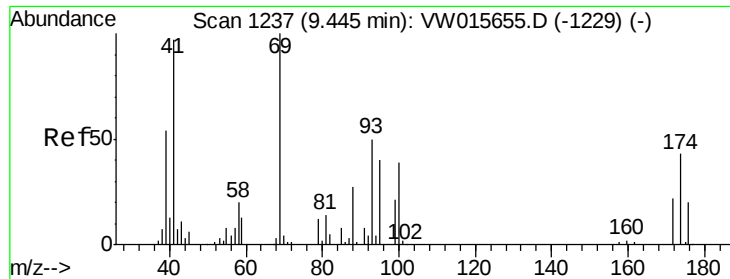
69 85.6 68.2 102.2

39 62.2 49.8 74.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 425.267 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

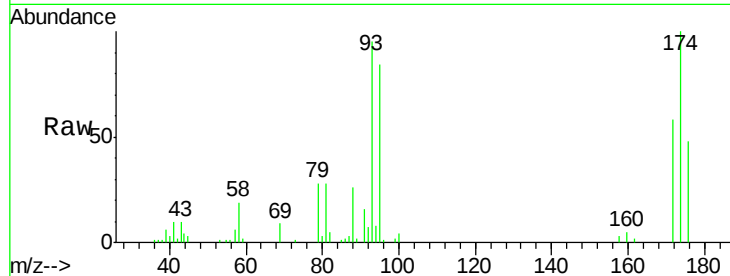
Tot Ion: 88 Resp: 5929

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

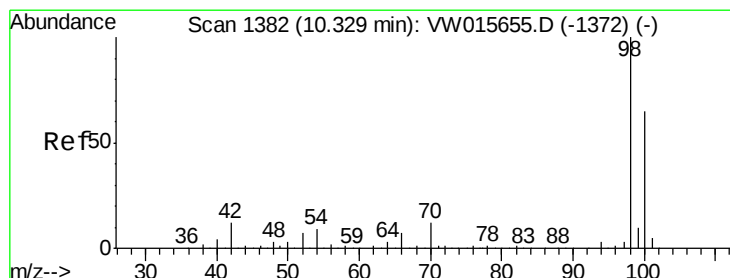
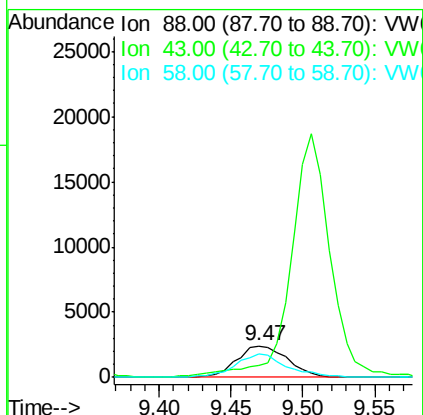
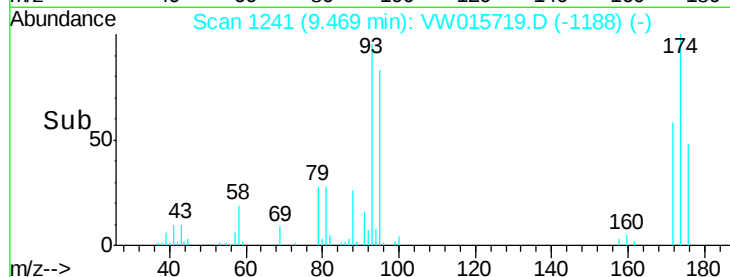
58 75.5 56.1 84.1



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: 50.903 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015719.D

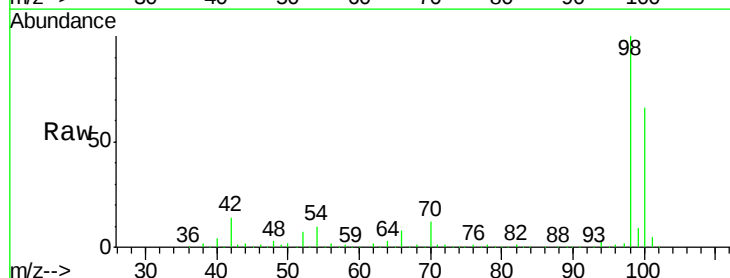
Acq: 25 Jun 2020 11:03

Tgt Ion: 98 Resp: 374429

Ion Ratio Lower Upper

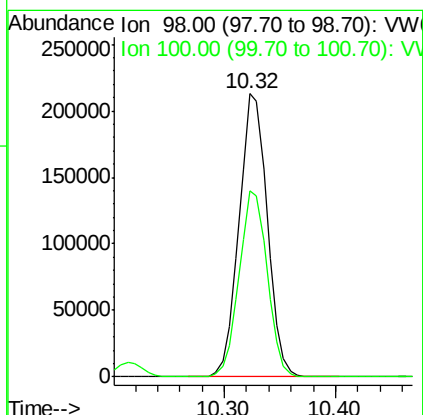
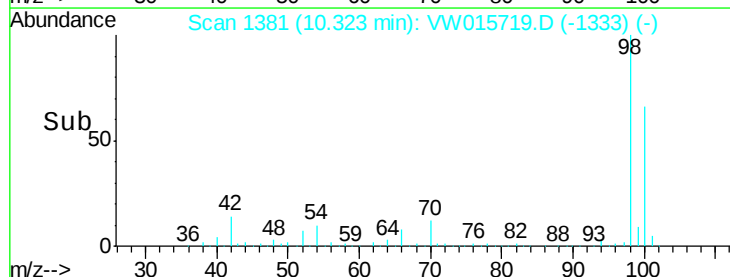
98 100

100 65.6 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: 99.966 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

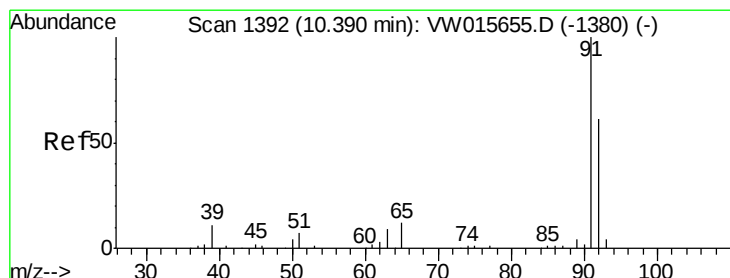
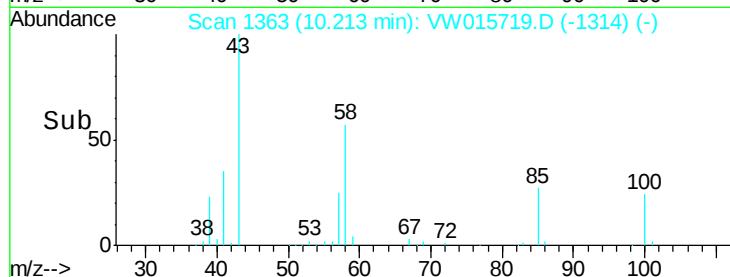
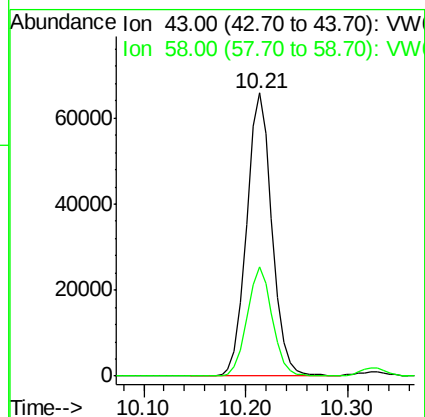
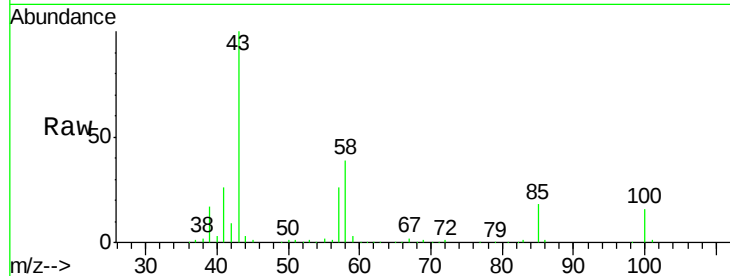
VW0625SBSD01

Tot Ion: 43 Resp: 113526

Ion Ratio Lower Upper

43 100

58 38.3 31.2 46.8



#52

Toluene

Concen: 21.177 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015719.D

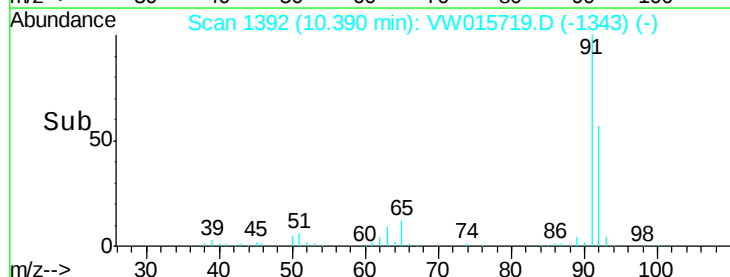
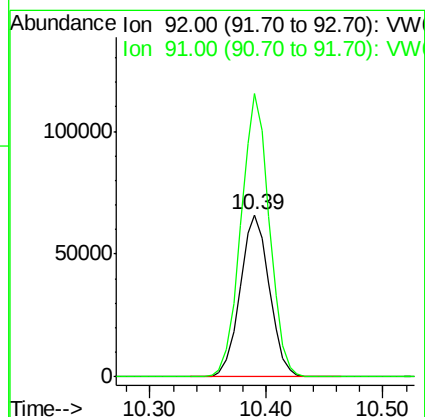
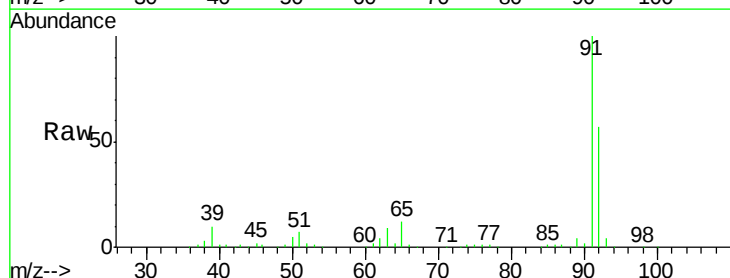
Acq: 25 Jun 2020 11:03

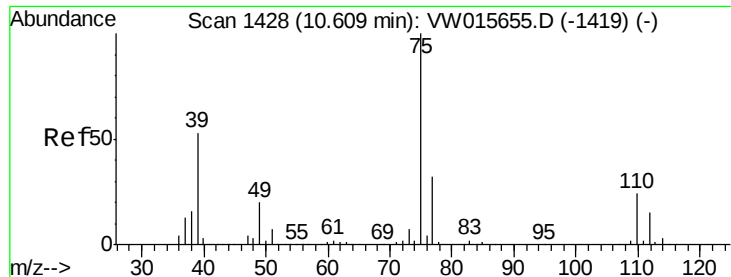
Tgt Ion: 92 Resp: 114911

Ion Ratio Lower Upper

92 100

91 170.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 19.285 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

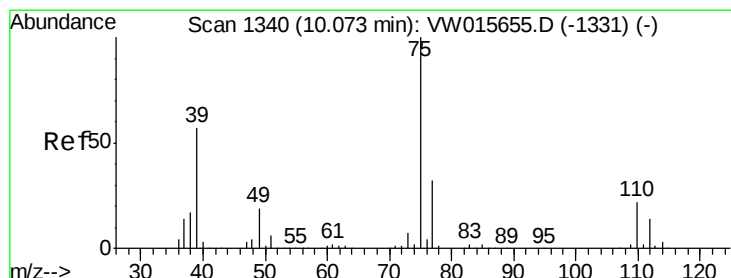
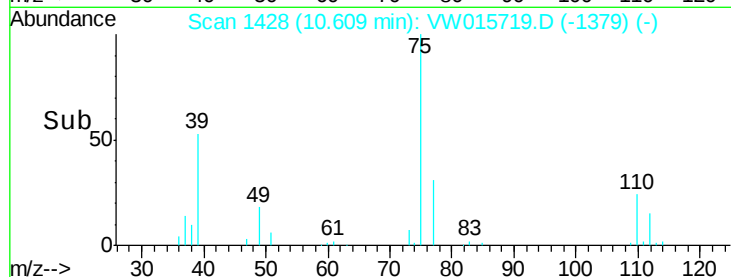
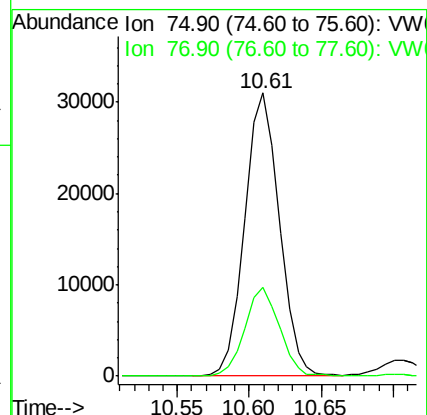
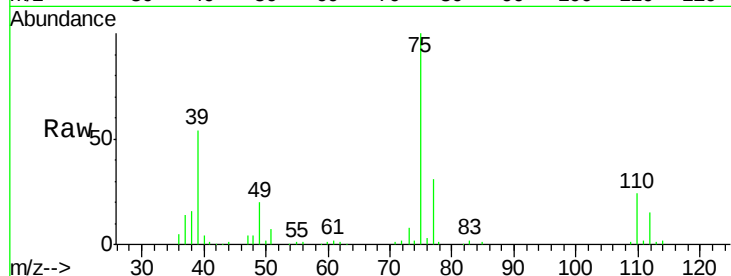
VW0625SBSD01

Tot Ion: 75 Resp: 51647

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.957 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

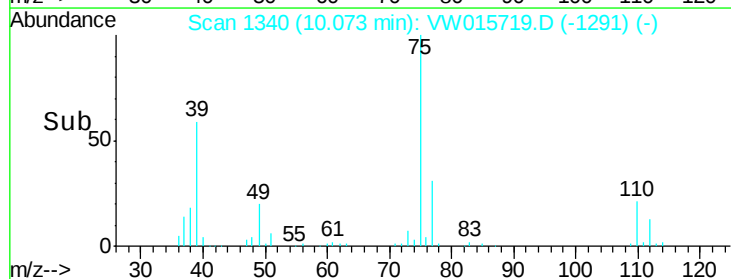
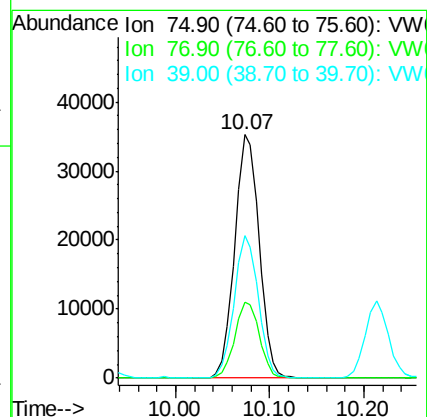
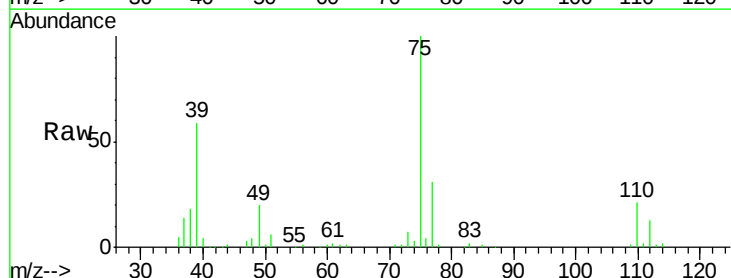
Tgt Ion: 75 Resp: 63850

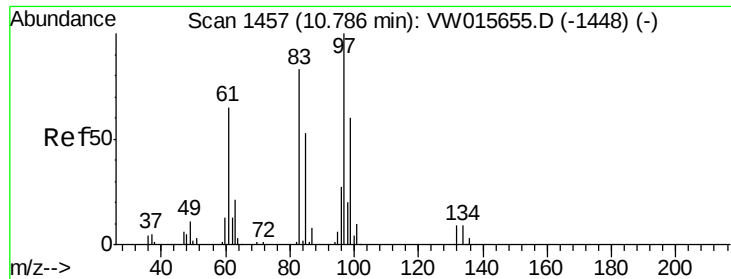
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2

39 58.8 45.8 68.6

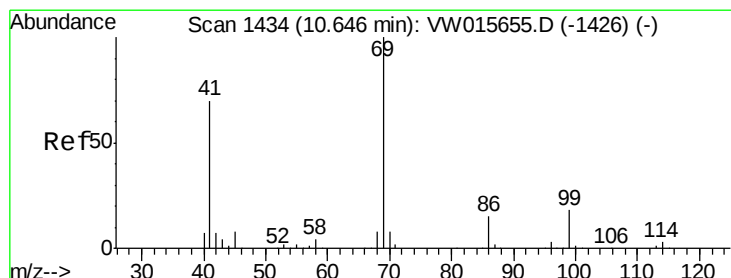
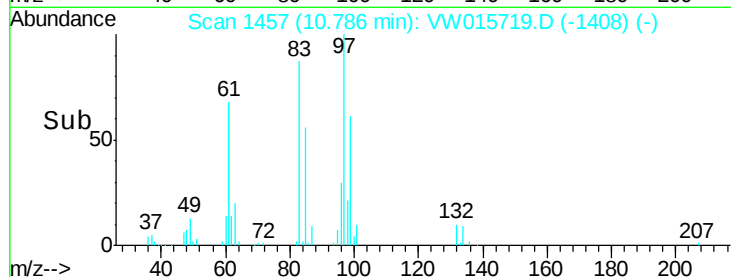
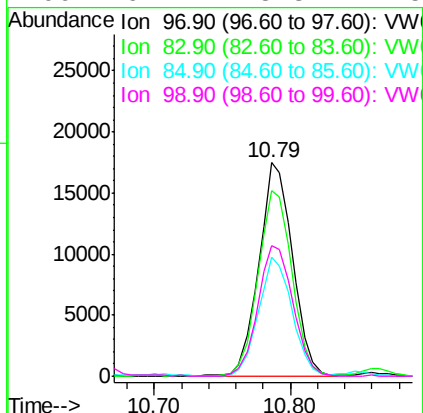
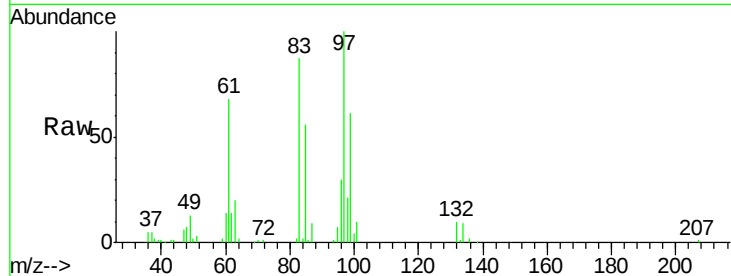




#55
 1,1,2-Trichloroethane
 Concen: 20.560 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

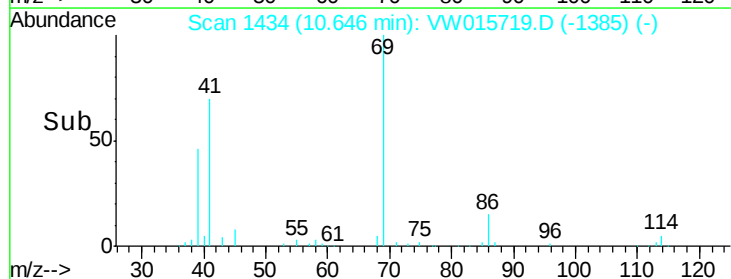
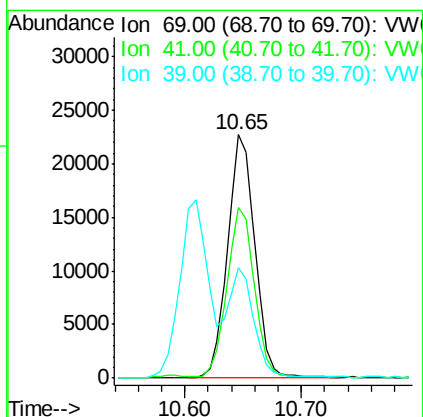
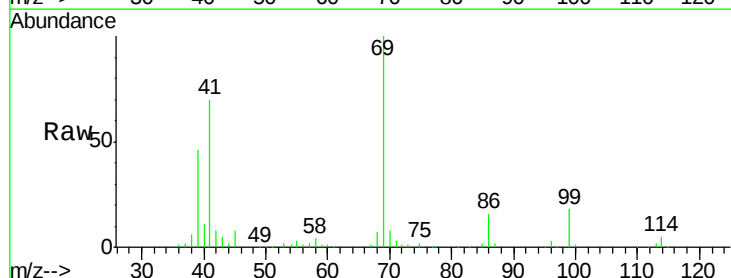
Instrument :
 MSVOA_W
 ClientSampled :
 VW0625SBS01

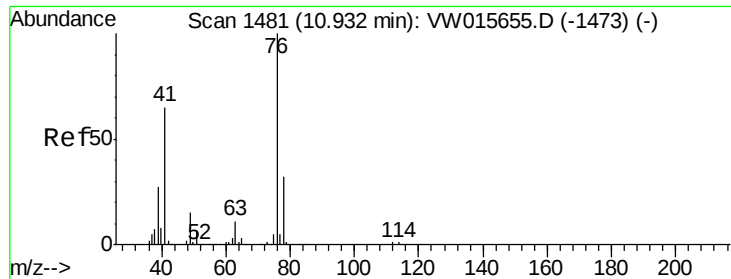
Tot Ion:	97	Resp:	30381
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.3	99.5
85	55.4	42.5	63.7
99	61.2	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 20.195 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion:	69	Resp:	37129
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.8	83.6
39	43.8	29.5	44.3

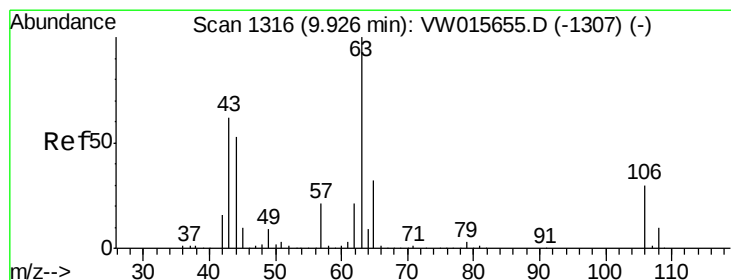
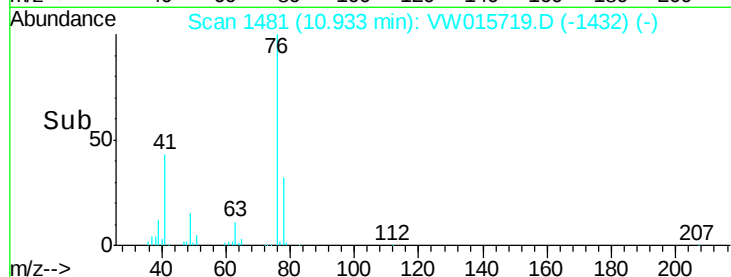
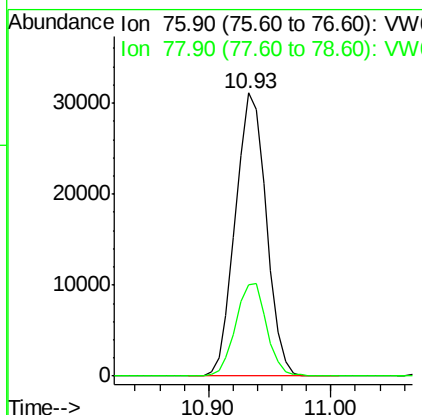
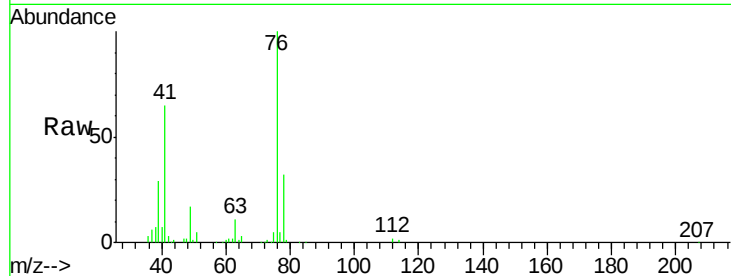




#57
 1,3-Dichloropropane
 Concen: 20.820 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

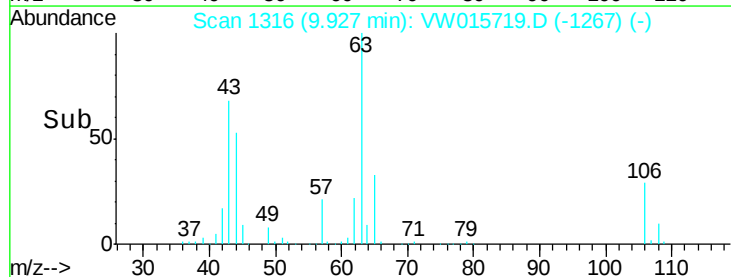
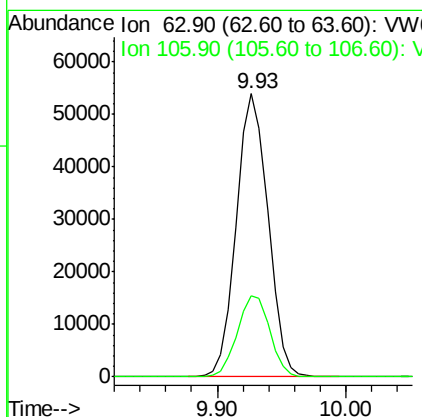
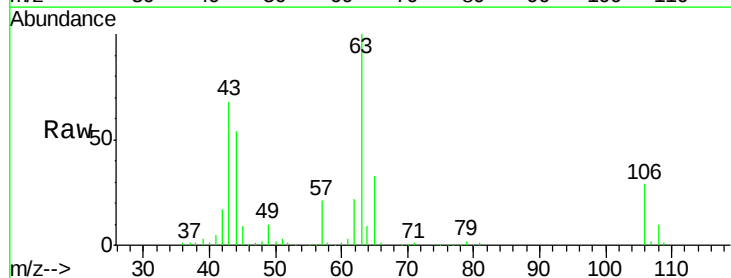
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

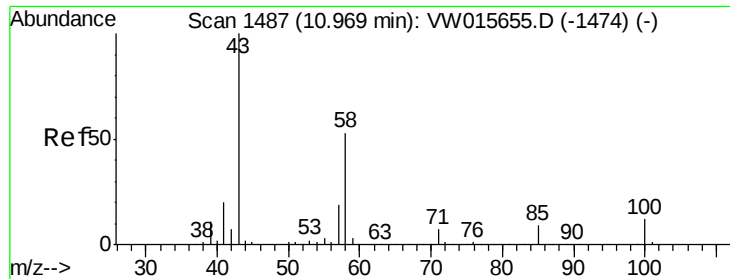
Tot Ion: 76 Resp: 54541
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.862 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 63 Resp: 92106
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.3 34.9





#59

2-Hexanone

Concen: 100.082 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

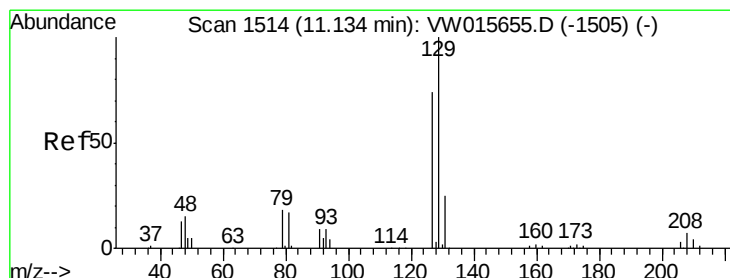
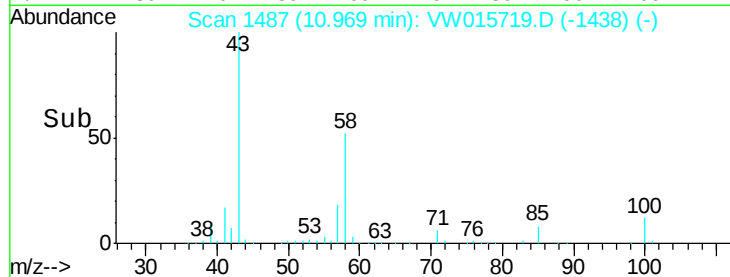
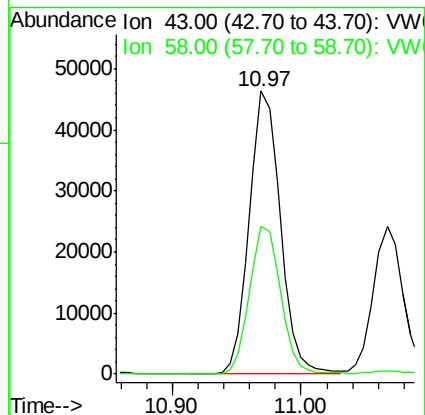
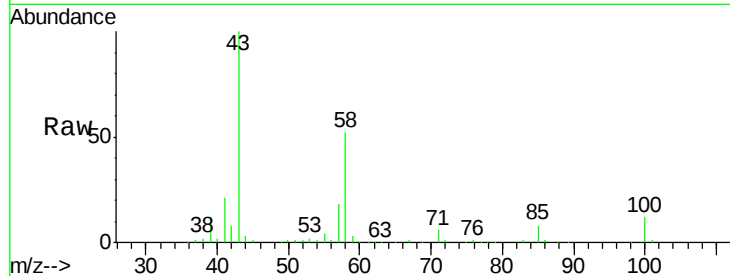
VW0625SBSD01

Tot Ion: 43 Resp: 77378

Ion Ratio Lower Upper

43 100

58 52.4 26.5 79.4



#60

Dibromochloromethane

Concen: 19.999 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW015719.D

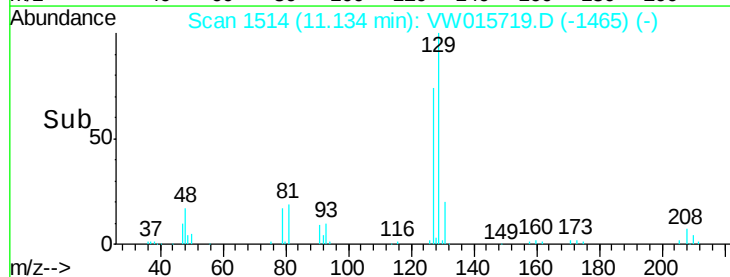
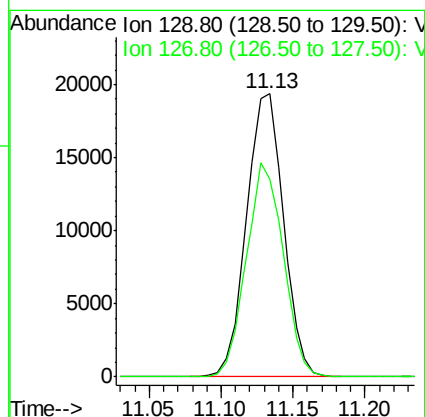
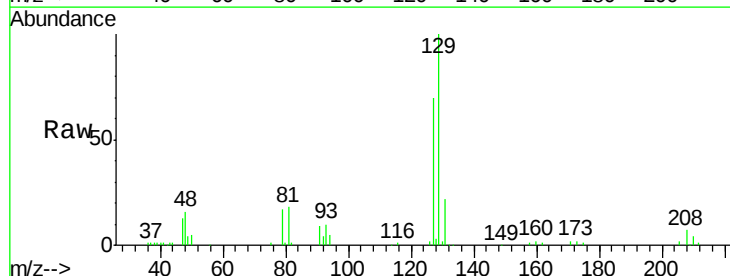
Acq: 25 Jun 2020 11:03

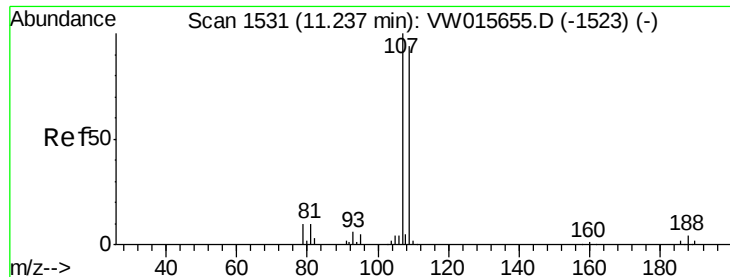
Tgt Ion: 129 Resp: 34438

Ion Ratio Lower Upper

129 100

127 75.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.597 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

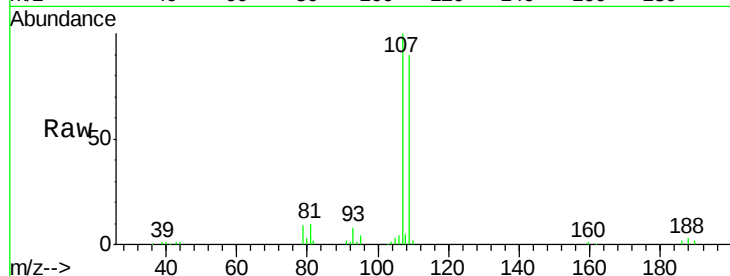
VW0625SBSD01

Tot Ion: 107 Resp: 29092

Ion Ratio Lower Upper

107 100

109 95.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

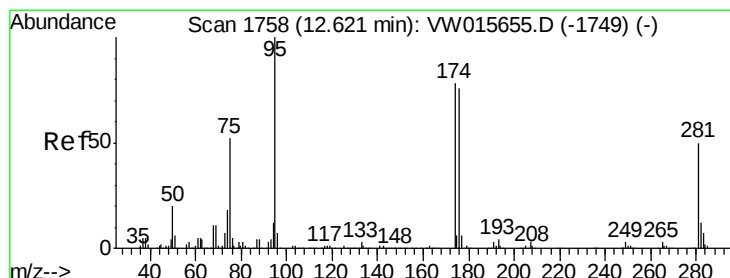
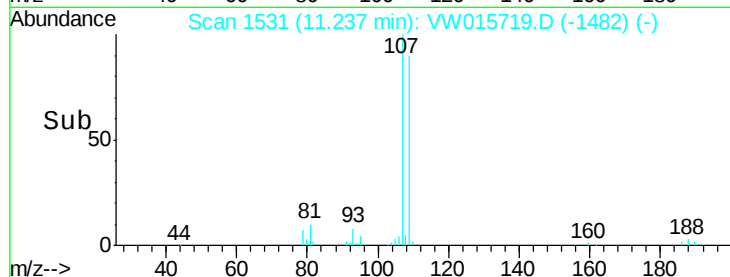
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 51.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

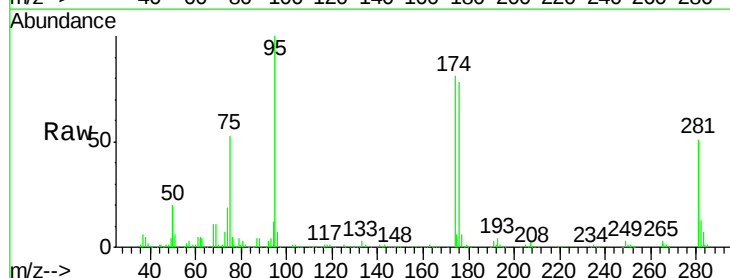
Tgt Ion: 95 Resp: 138950

Ion Ratio Lower Upper

95 100

174 79.8 0.0 157.0

176 77.6 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

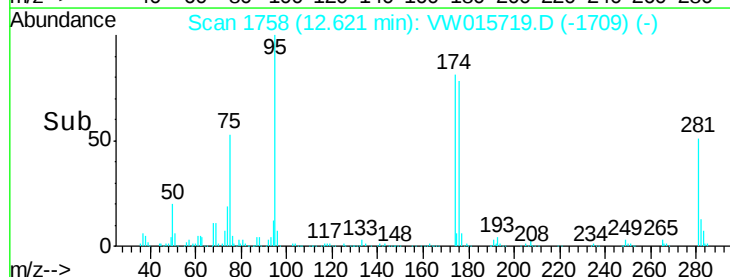
60000

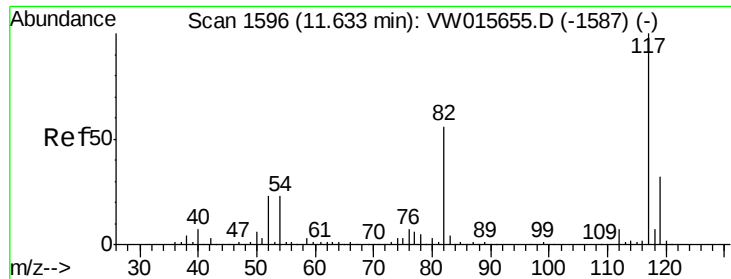
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

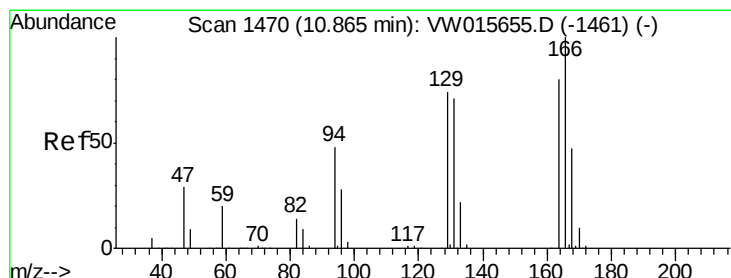
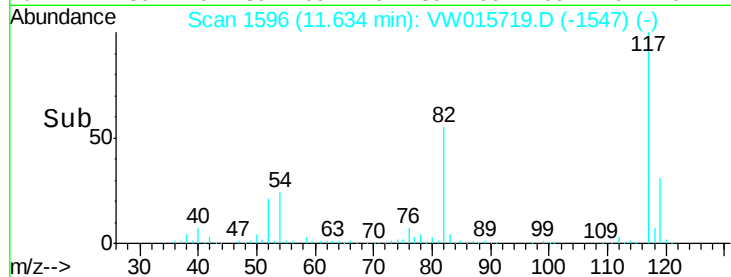
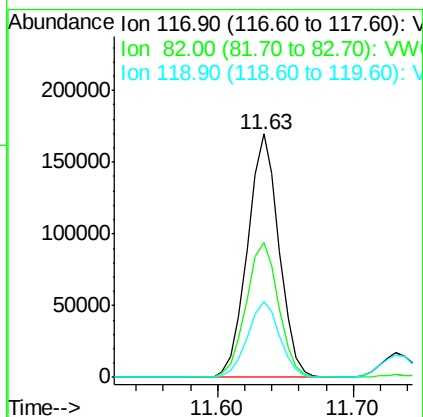
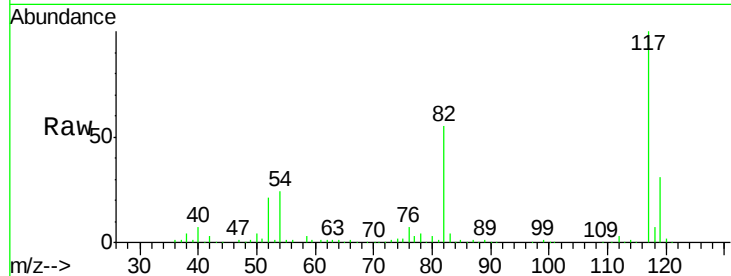




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

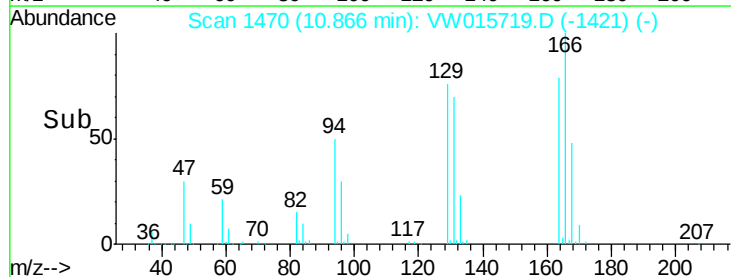
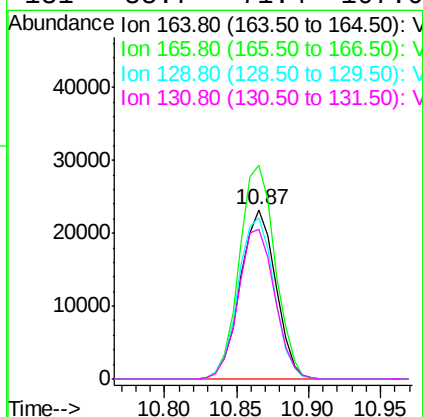
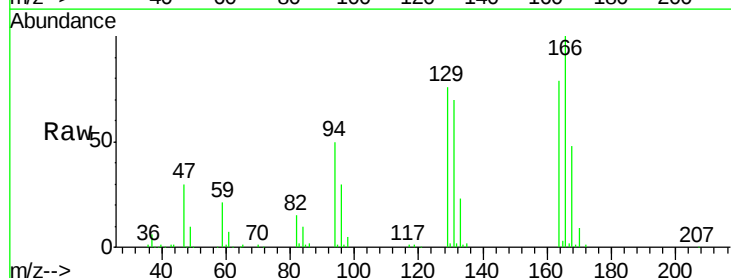
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

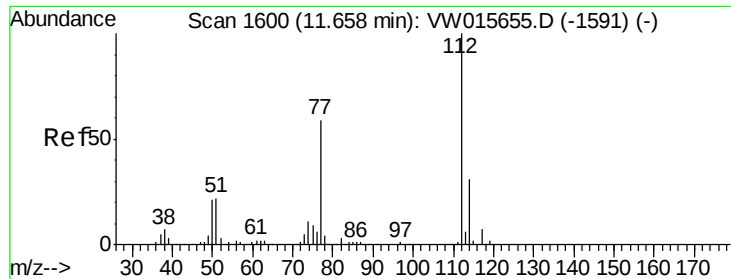
Tot Ion:117 Resp: 275429
Ion Ratio Lower Upper
117 100
82 55.3 45.1 67.7
119 31.2 25.8 38.8



#64
Tetrachloroethene
Concen: 20.529 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:164 Resp: 39723
Ion Ratio Lower Upper
164 100
166 126.0 99.9 149.9
129 95.3 74.2 111.2
131 88.7 71.4 107.0

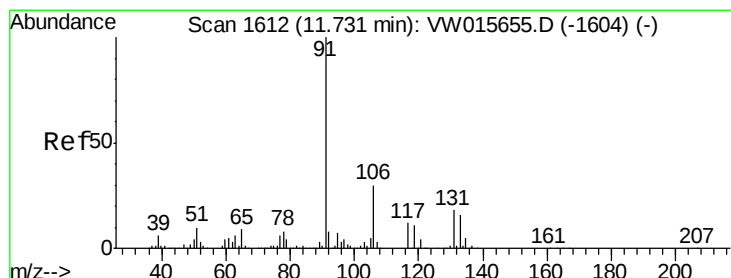
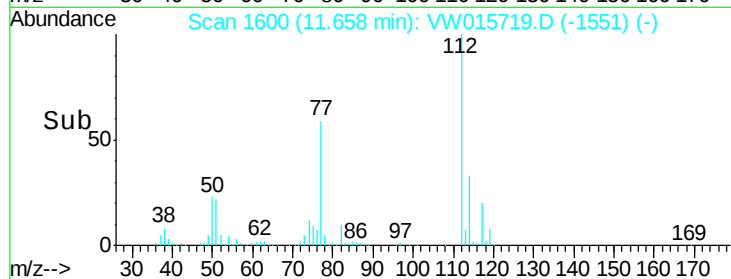
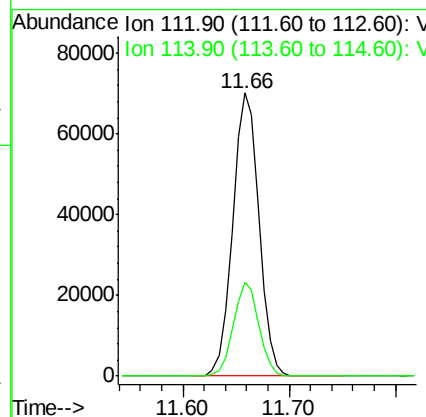
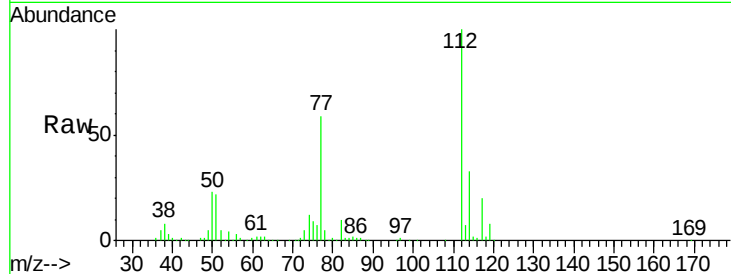




#65
Chlorobenzene
Concen: 20.786 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

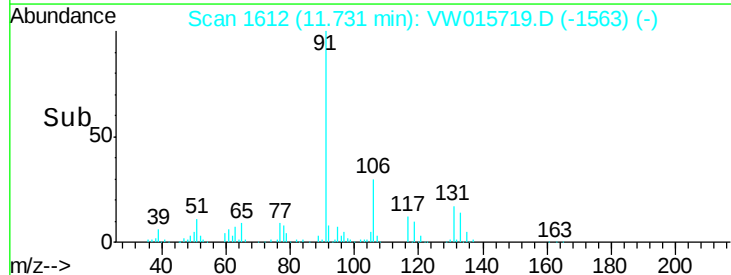
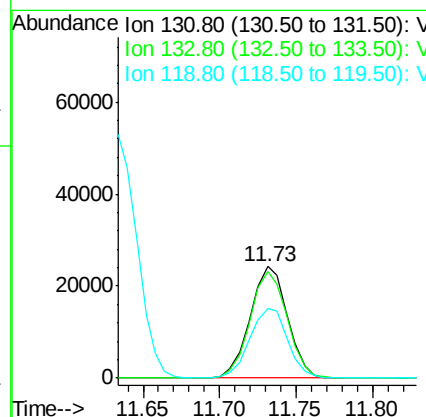
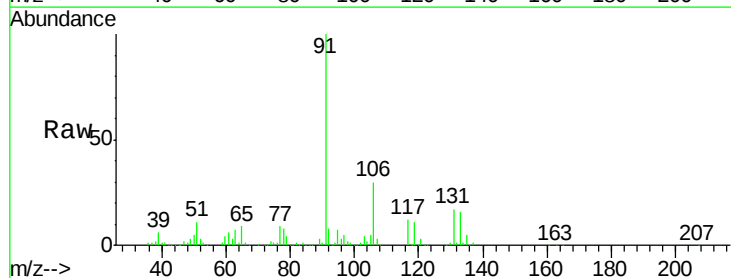
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

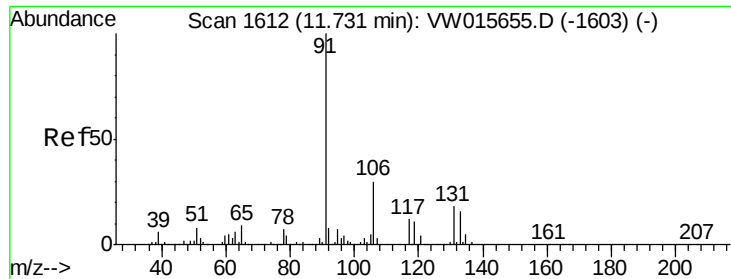
Tot Ion:112 Resp: 120710
Ion Ratio Lower Upper
112 100
114 33.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:131 Resp: 40977
Ion Ratio Lower Upper
131 100
133 95.3 46.5 139.5
119 64.1 32.5 97.5

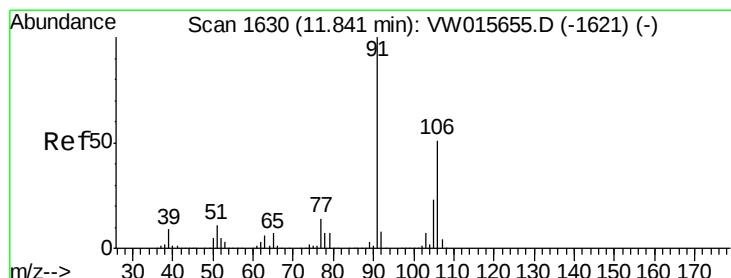
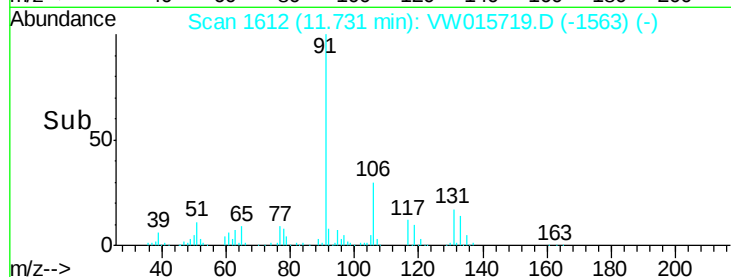
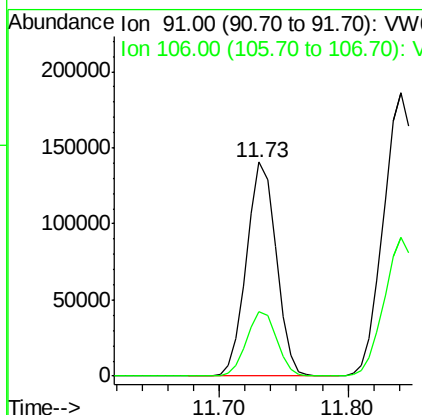
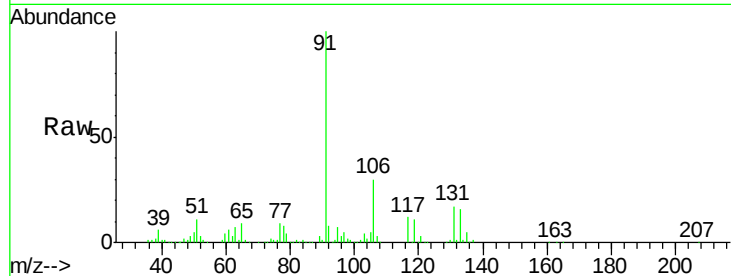




#67
Ethyl Benzene
Concen: 20.689 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

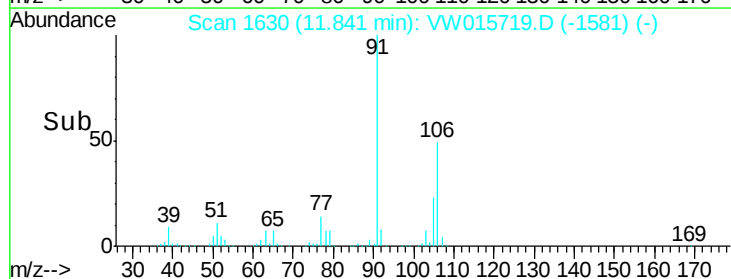
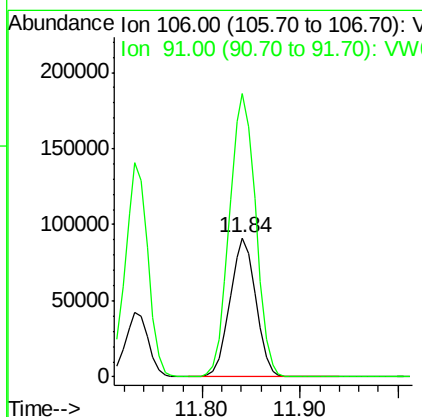
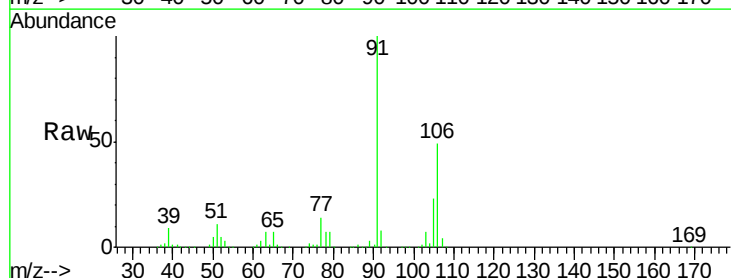
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

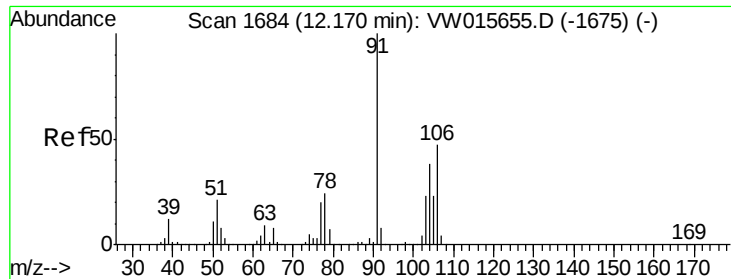
Tot Ion: 91 Resp: 223594
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 41.144 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 106 Resp: 166970
Ion Ratio Lower Upper
106 100
91 207.6 162.6 244.0

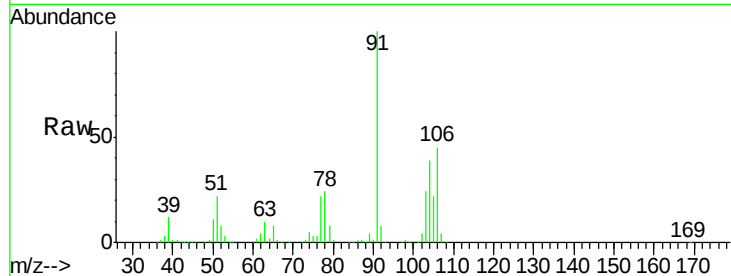




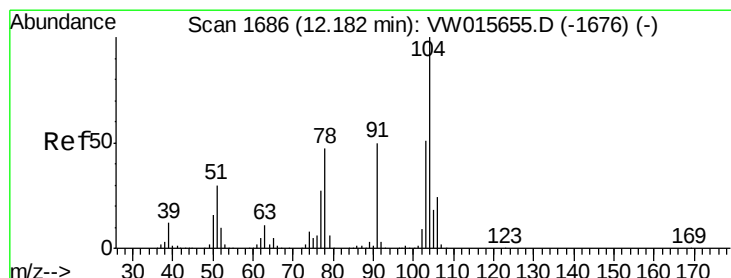
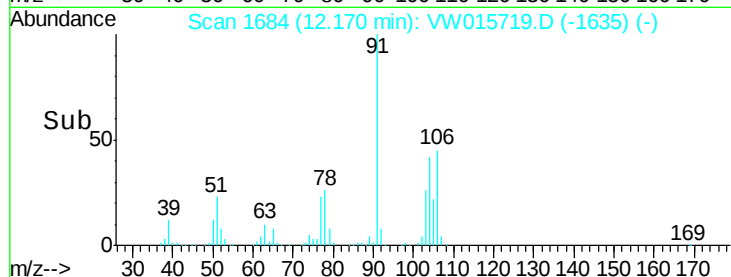
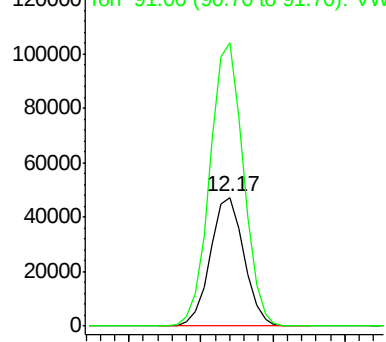
#69
o-Xylene
Concen: 20.577 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion:106 Resp: 76779
Ion Ratio Lower Upper
106 100
91 219.2 108.3 324.9

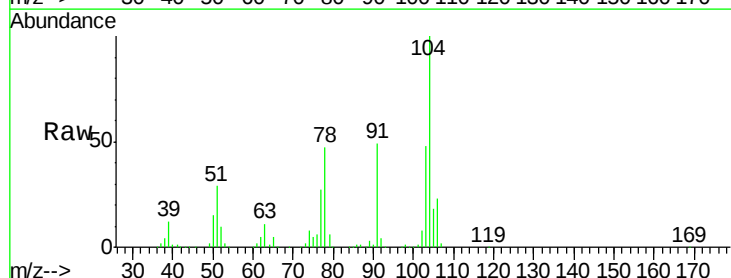


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

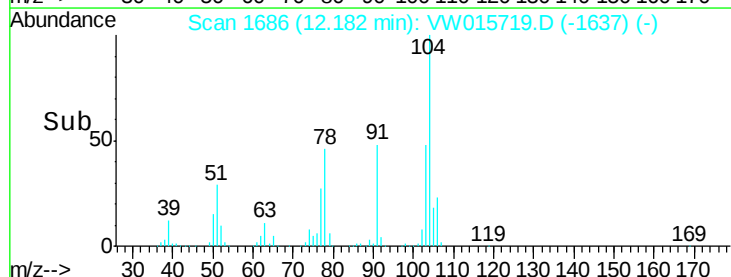
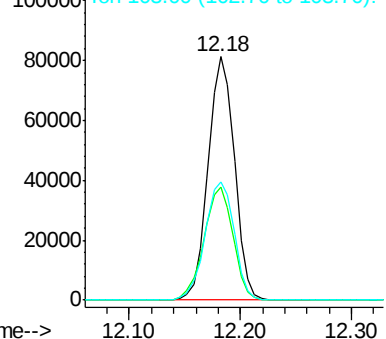


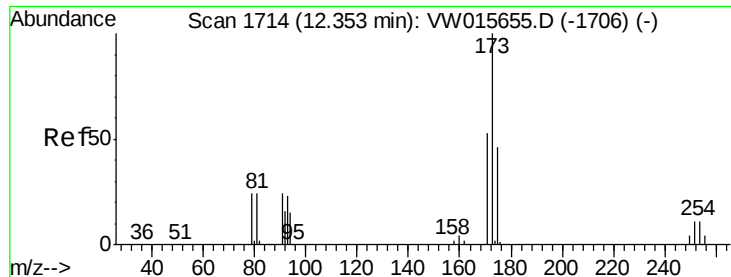
#70
Styrene
Concen: 20.955 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:104 Resp: 133588
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 53.5 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.634 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

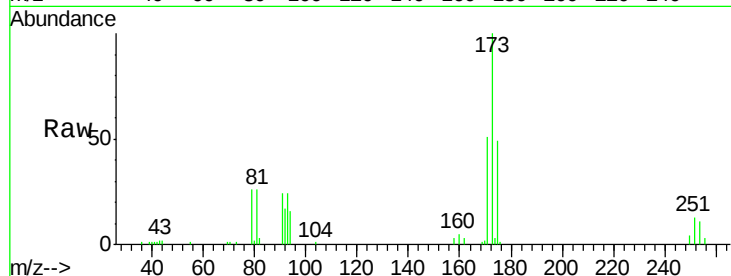
Tot Ion:173 Resp: 17457

Ion Ratio Lower Upper

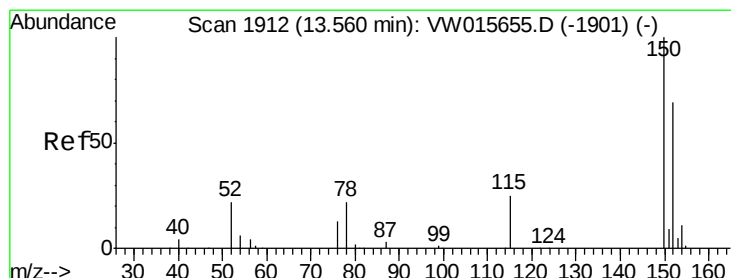
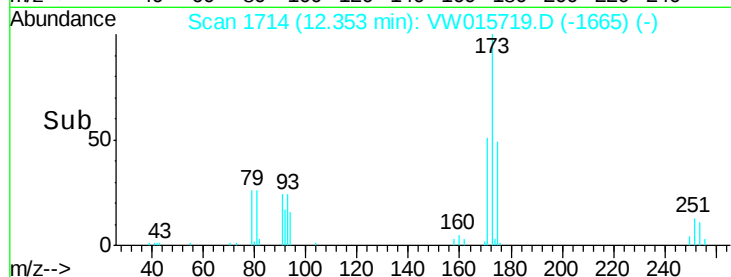
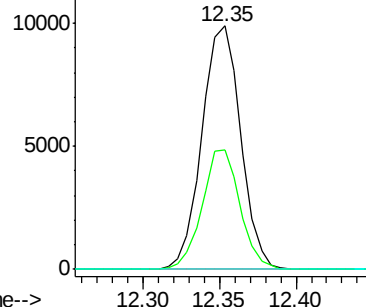
173 100

175 47.8 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: VW015719.D

Acq: 25 Jun 2020 11:03

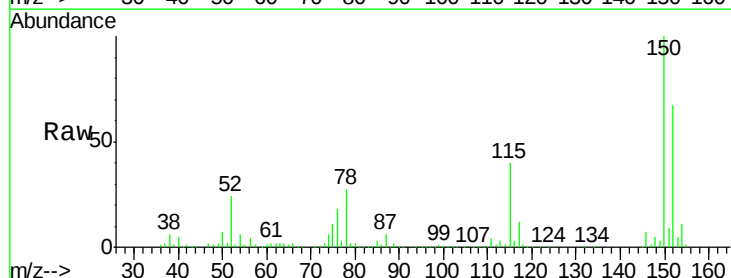
Tgt Ion:152 Resp: 145487

Ion Ratio Lower Upper

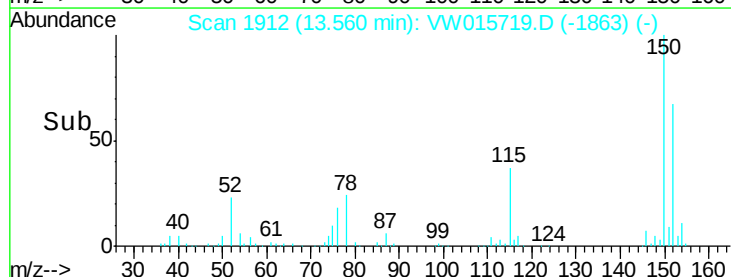
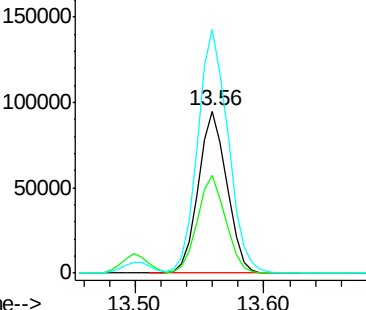
152 100

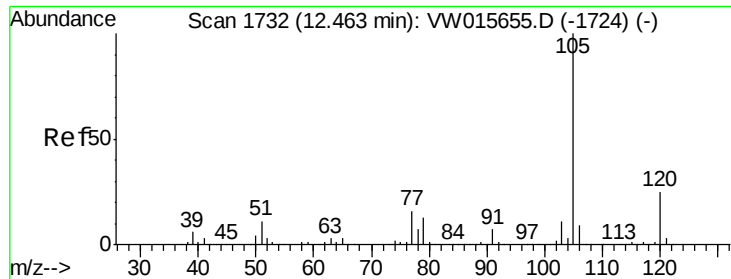
115 59.4 30.1 90.5

150 159.8 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.766 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

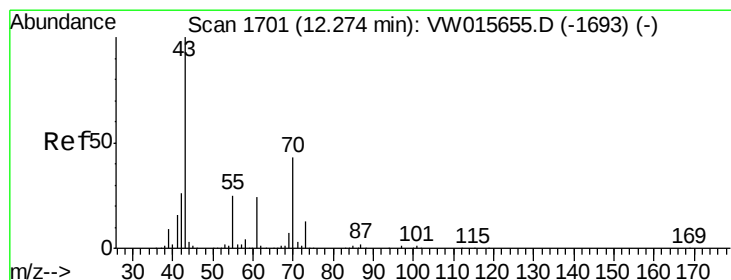
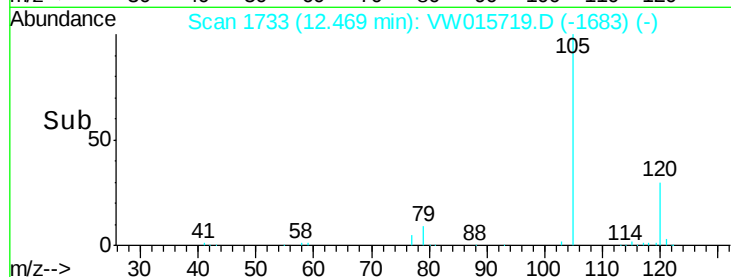
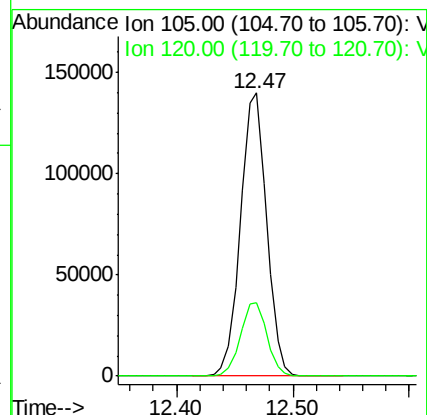
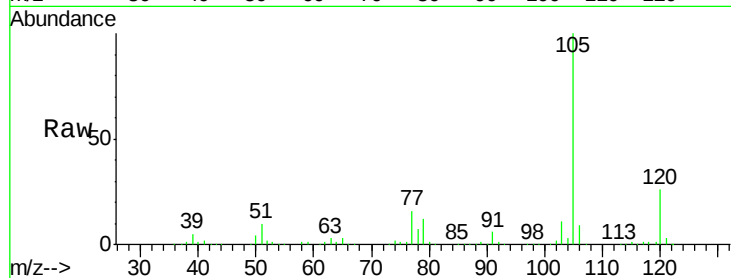
VW0625SBSD01

Tot Ion:105 Resp: 219370

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 18.846 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion: 43 Resp: 44338

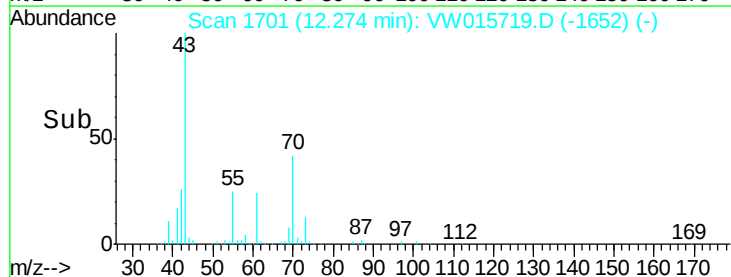
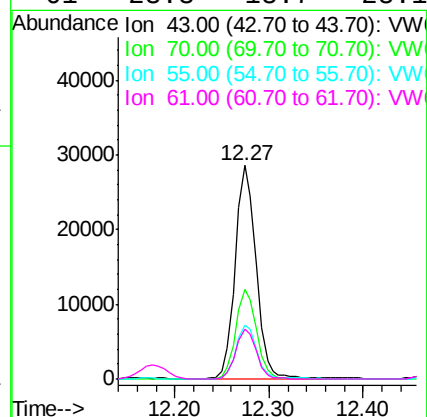
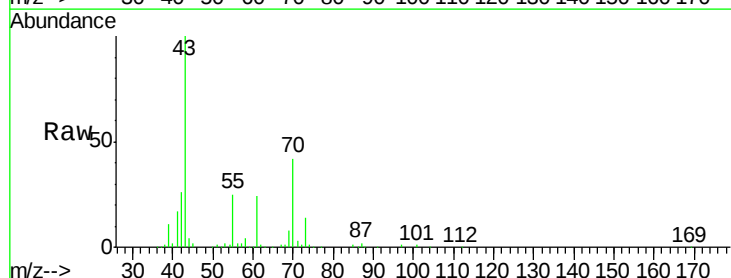
Ion Ratio Lower Upper

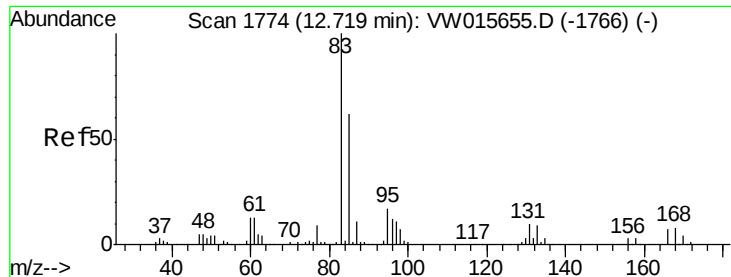
43 100

70 41.7 33.6 50.4

55 24.8 19.7 29.5

61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.276 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

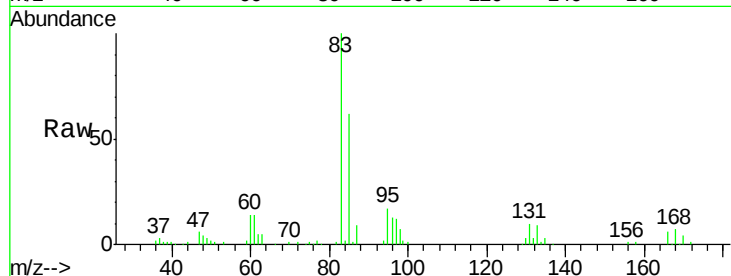
Tot Ion: 83 Resp: 34224

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

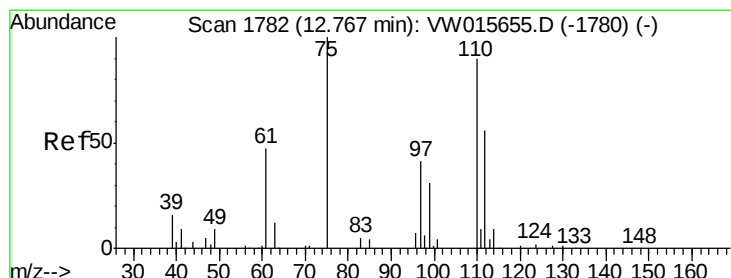
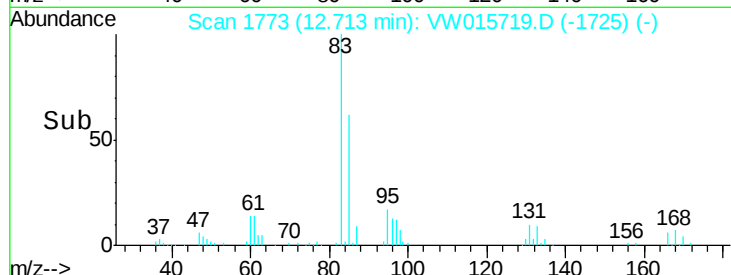
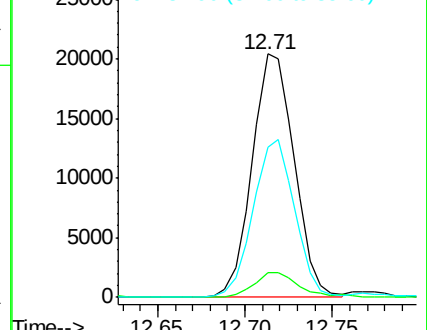
85 63.8 31.9 95.7



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: 33.457 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015719.D

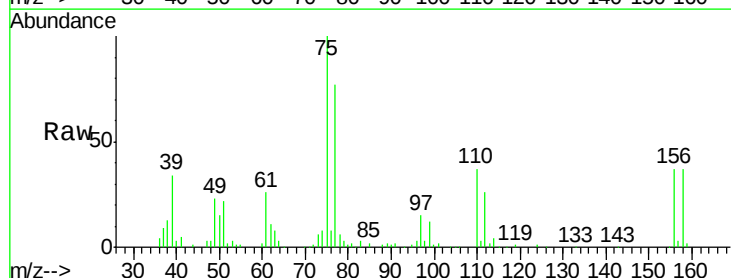
Acq: 25 Jun 2020 11:03

Tgt Ion: 75 Resp: 44399

Ion Ratio Lower Upper

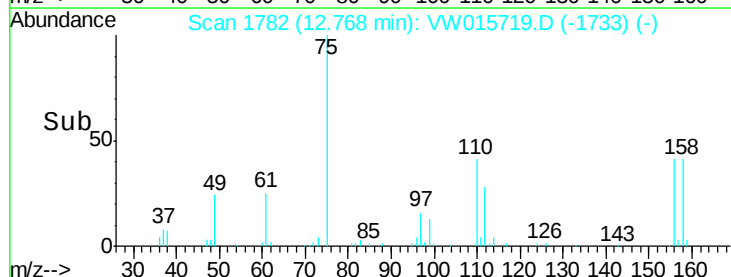
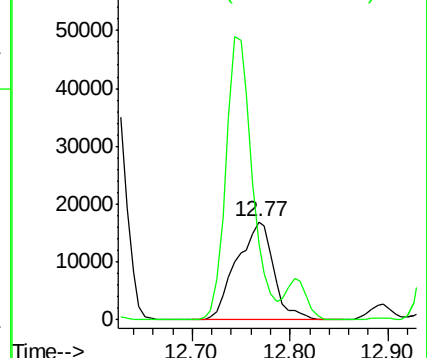
75 100

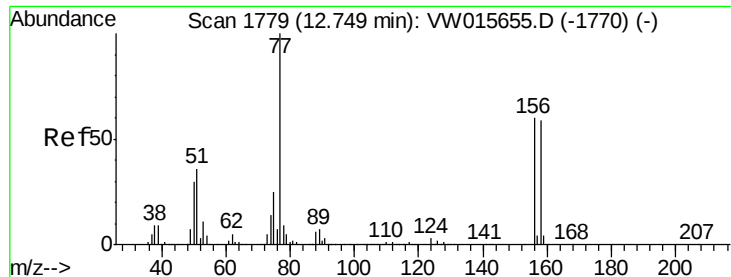
77 0.0 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

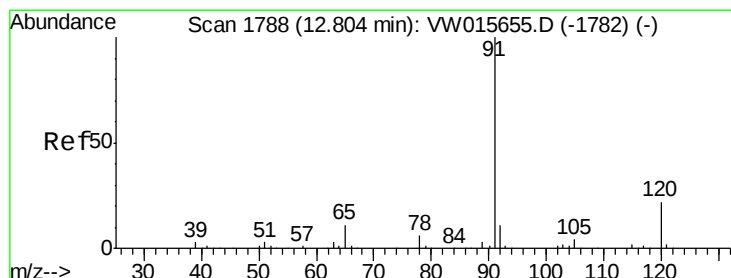
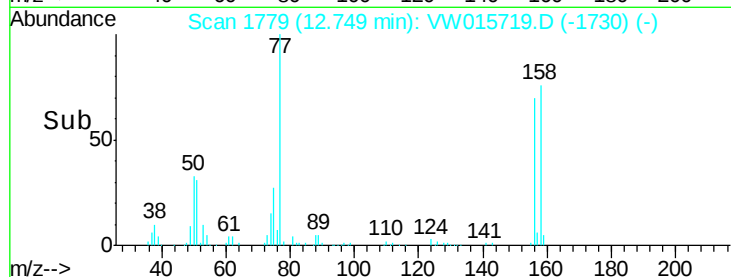
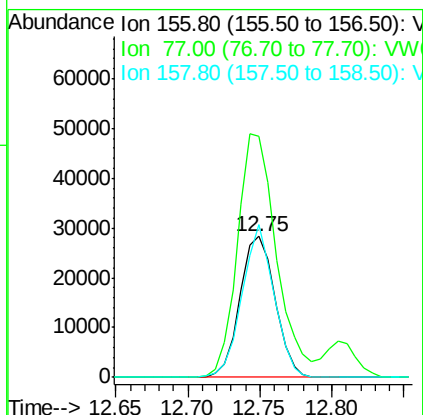
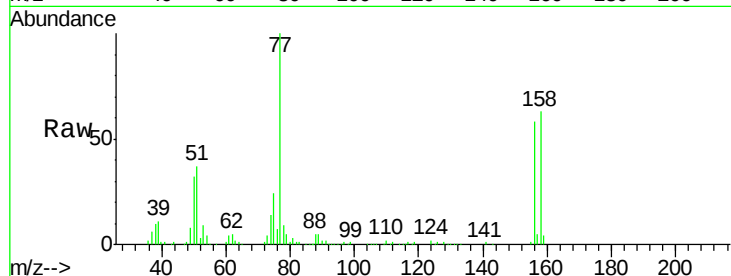




#77
Bromobenzene
Concen: 19.383 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

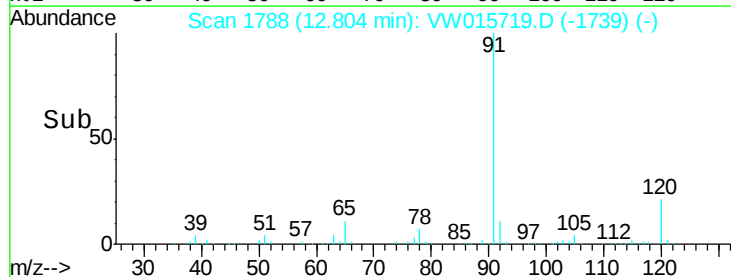
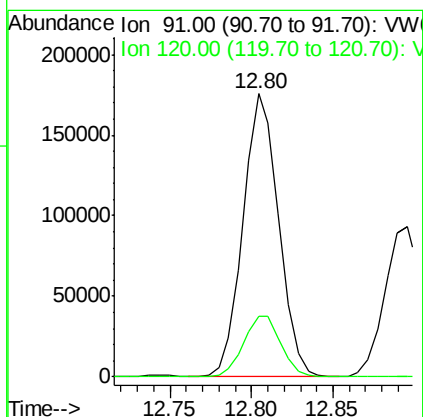
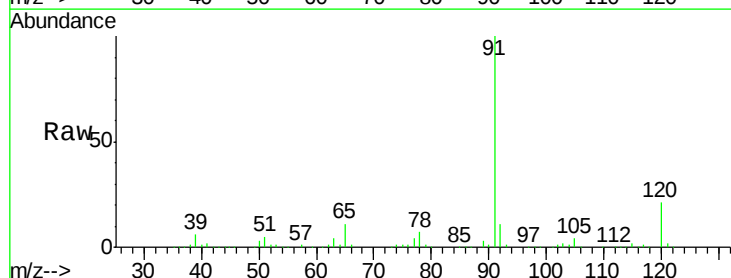
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

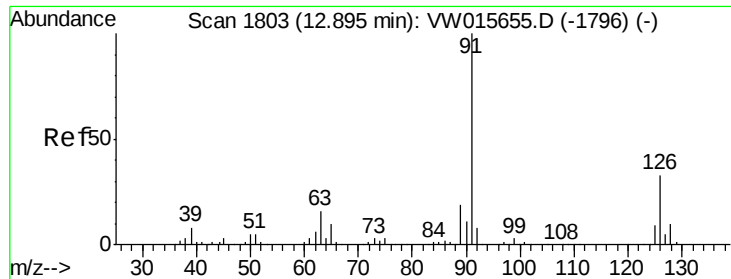
Tot Ion:156 Resp: 47967
Ion Ratio Lower Upper
156 100
77 191.3 94.5 283.5
158 97.8 47.9 143.6



#78
n-propylbenzene
Concen: 19.920 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 91 Resp: 266104
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

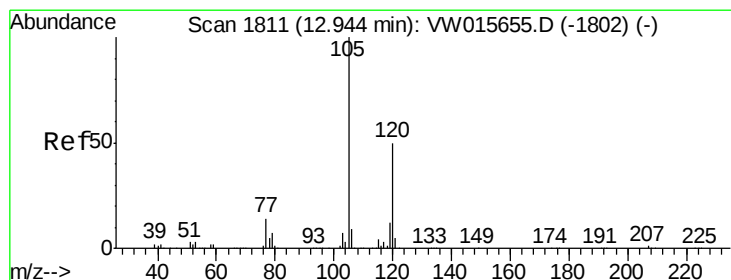
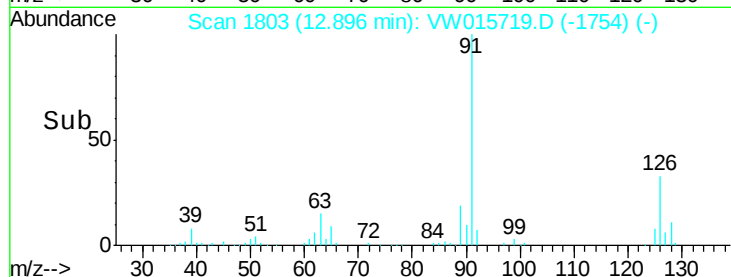
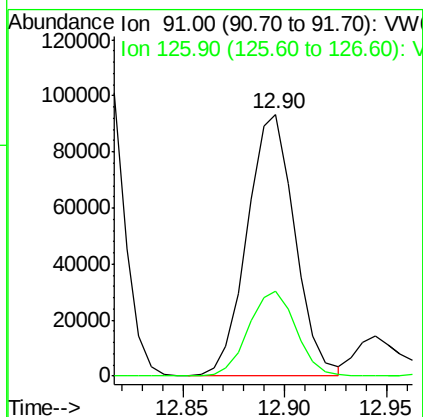
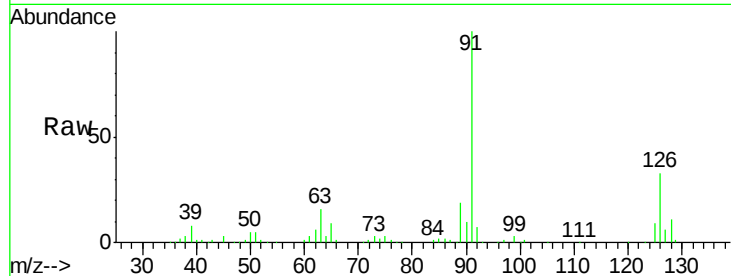




#79
 2-Chlorotoluene
 Concen: 20.137 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

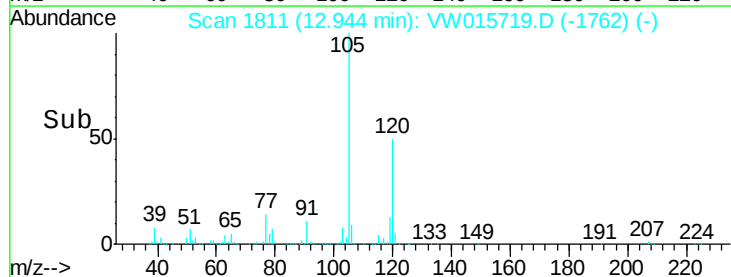
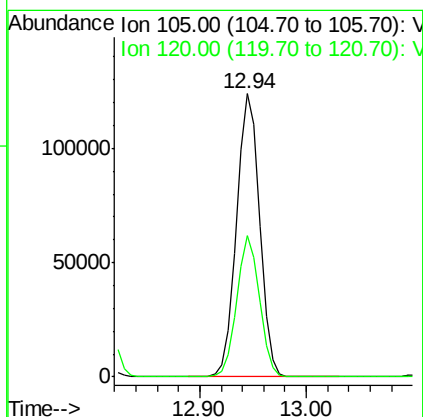
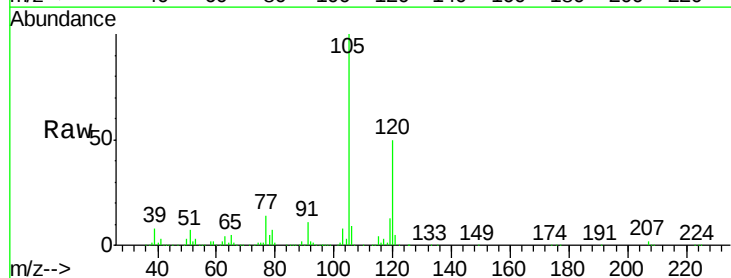
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

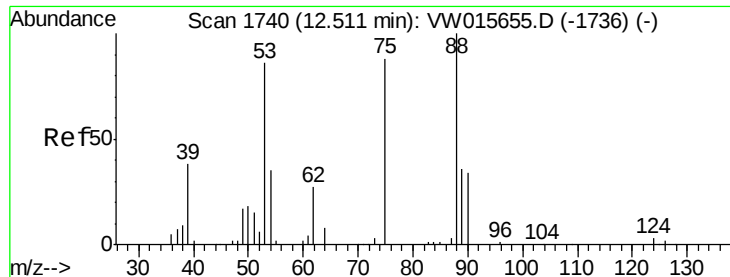
Tot Ion: 91 Resp: 151466
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.160 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 105 Resp: 189588
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.639 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

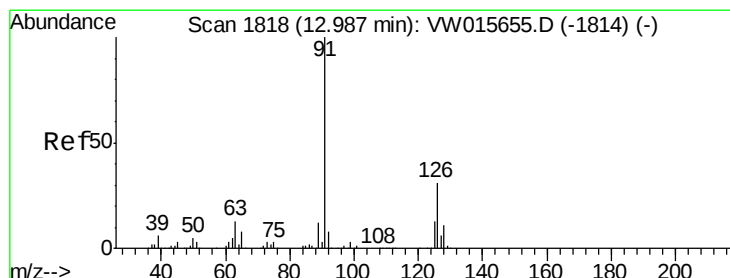
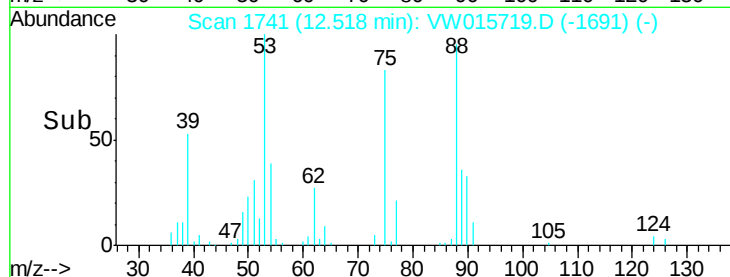
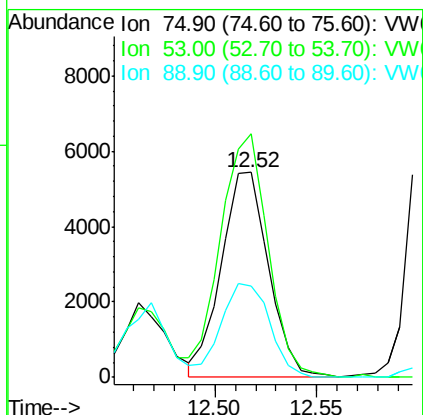
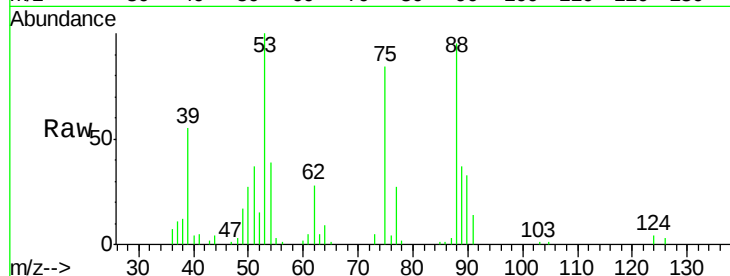
Tot Ion: 75 Resp: 8762

Ion Ratio Lower Upper

75 100

53 121.0 83.8 125.8

89 46.9 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.010 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015719.D

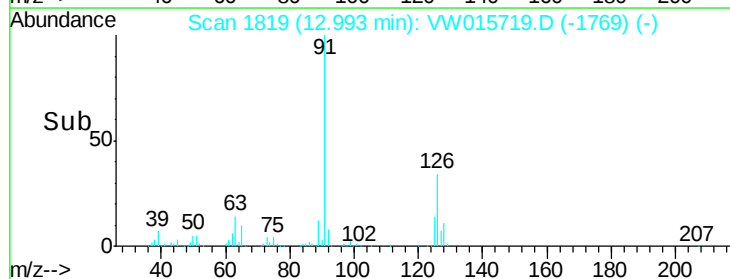
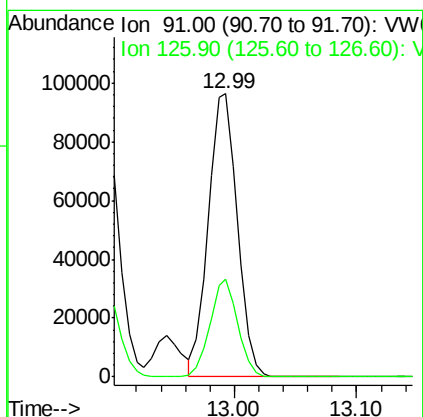
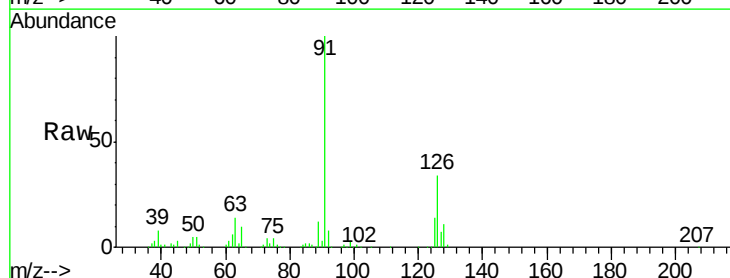
Acq: 25 Jun 2020 11:03

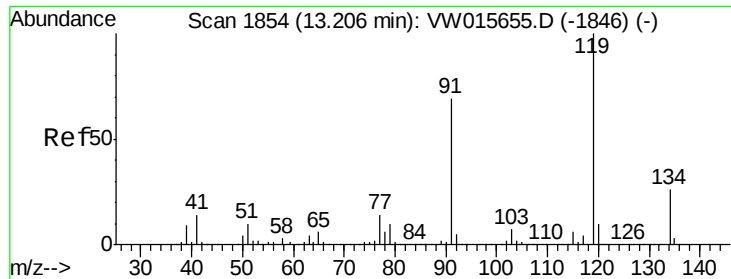
Tgt Ion: 91 Resp: 159229

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

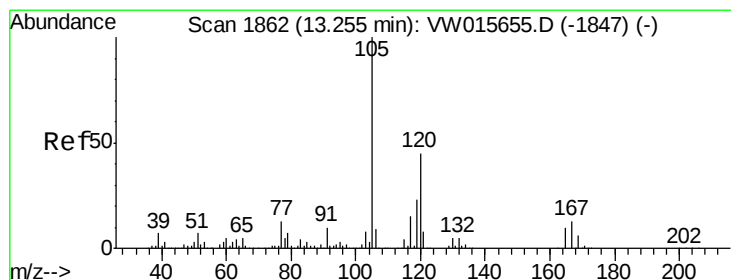
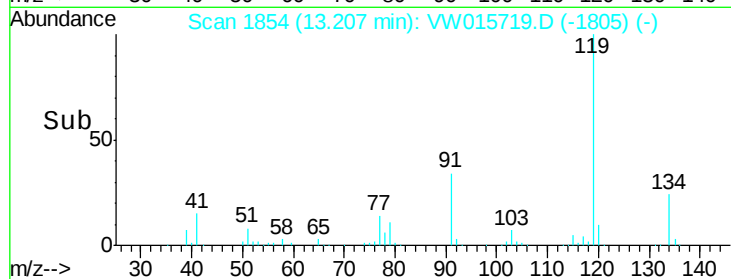
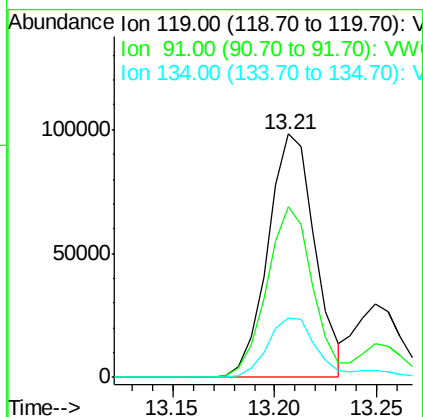
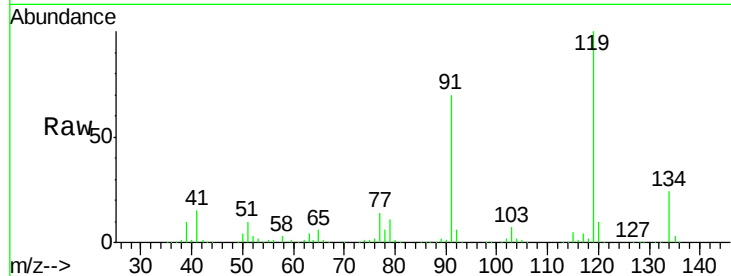




#83
tert-Butylbenzene
Concen: 19.808 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

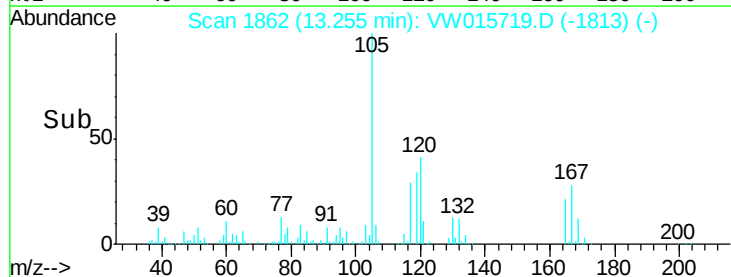
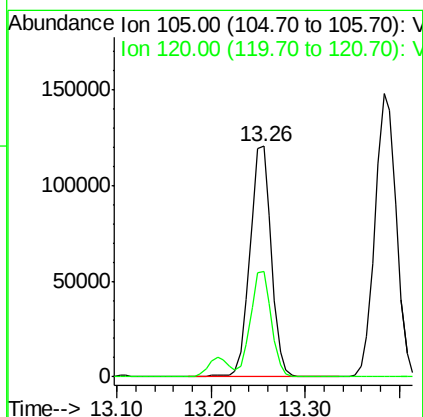
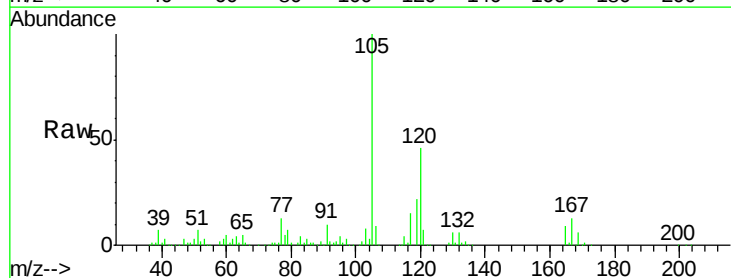
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

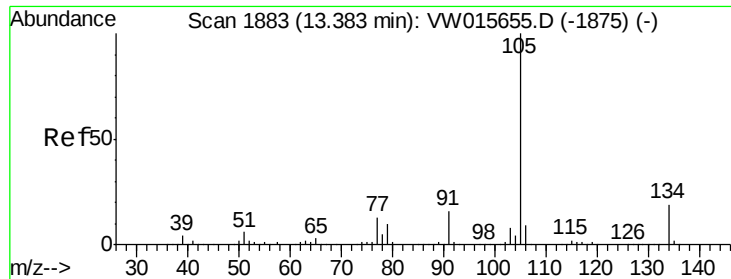
Tot Ion:119 Resp: 157392
Ion Ratio Lower Upper
119 100
91 69.6 34.7 104.1
134 25.1 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.513 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:105 Resp: 192373
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.3

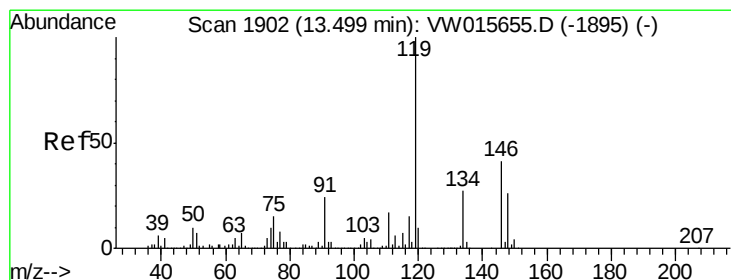
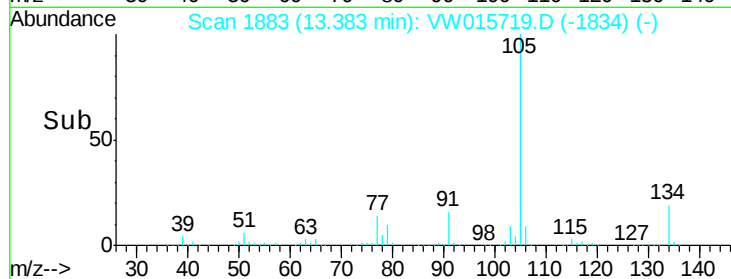
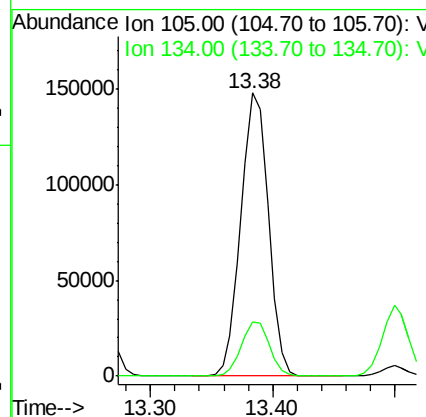
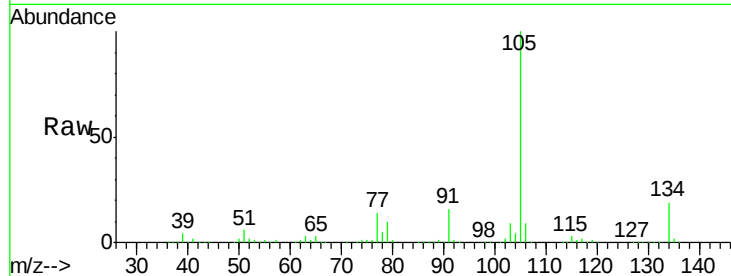




#85
 sec-Butylbenzene
 Concen: 20.337 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

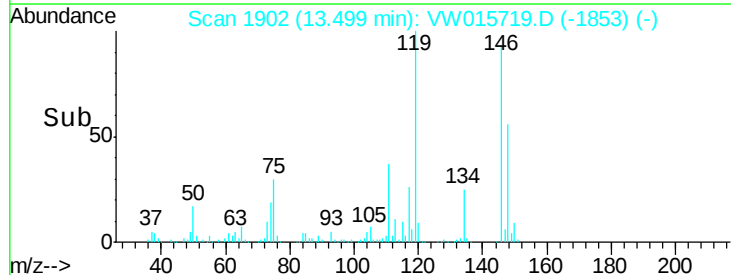
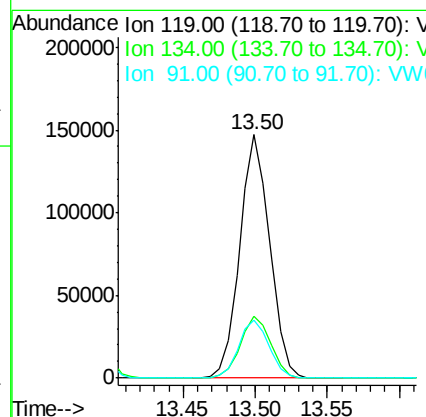
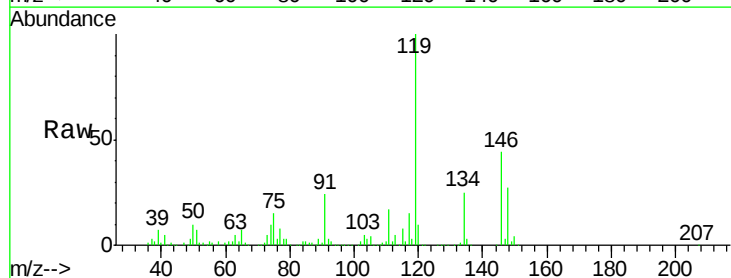
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

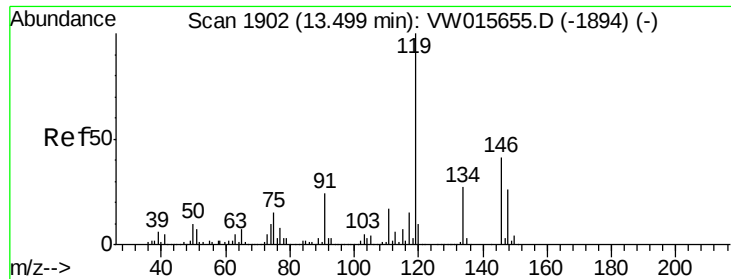
Tot Ion:105 Resp: 230945
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.525 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion:119 Resp: 211762
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 24.3 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.903 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

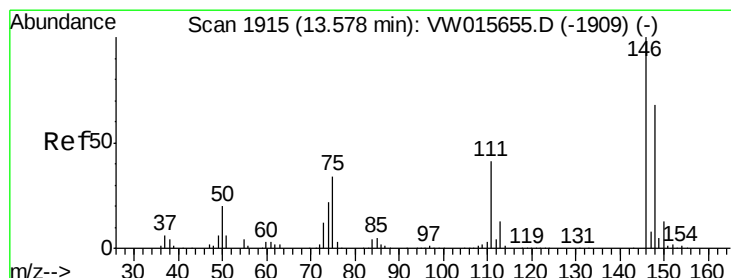
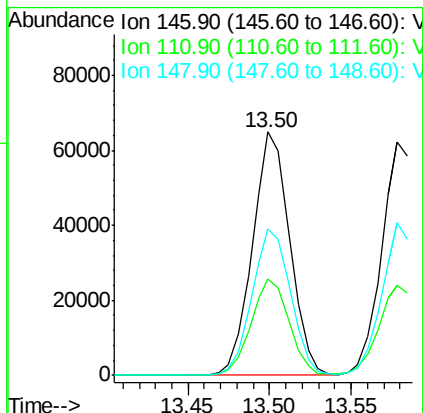
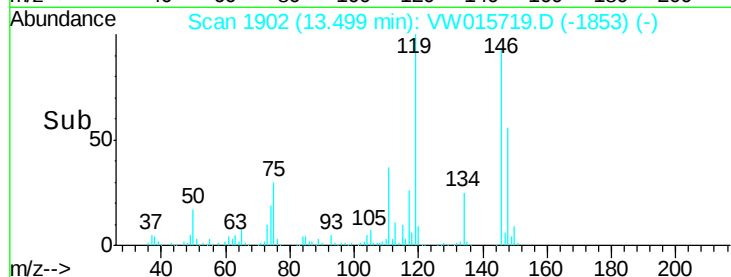
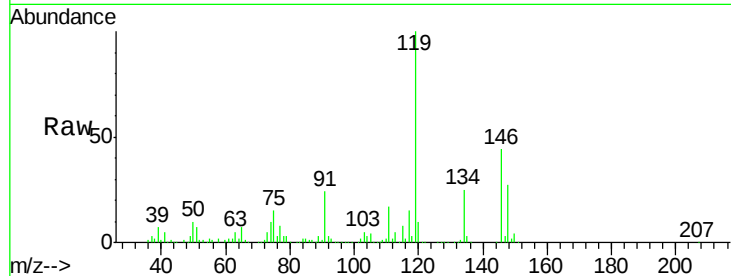
Tot Ion:146 Resp: 102690

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

148 62.3 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 20.342 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

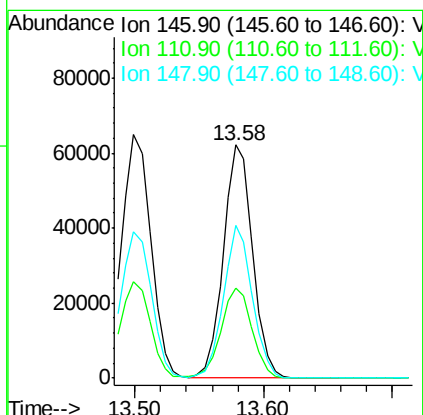
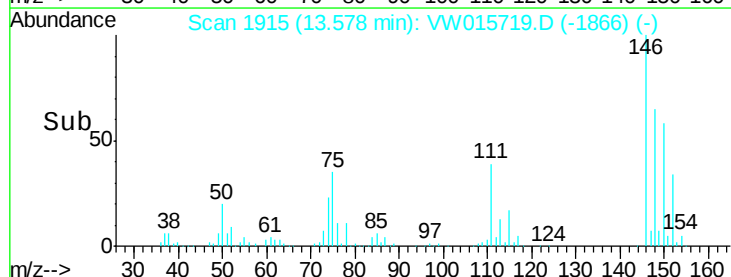
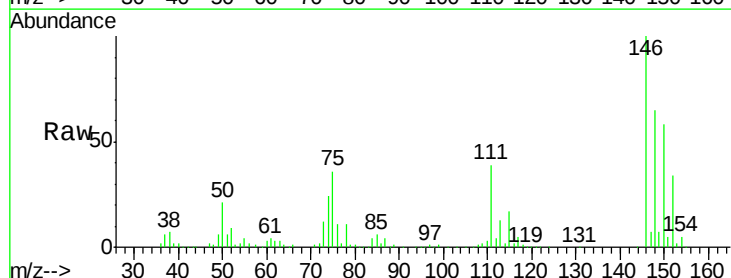
Tgt Ion:146 Resp: 98977

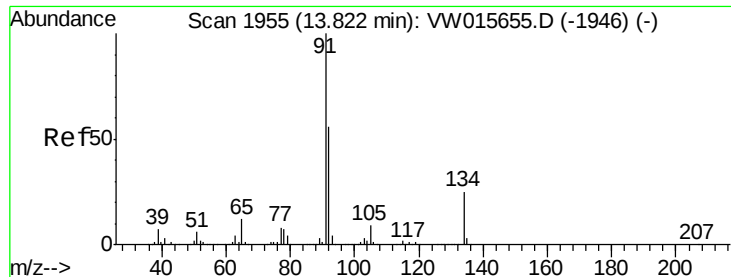
Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

148 64.4 33.7 101.1





#89

n-Butylbenzene

Concen: 20.389 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampled :

VW0625SBSD01

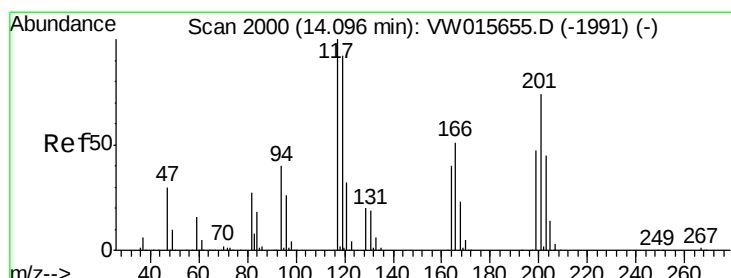
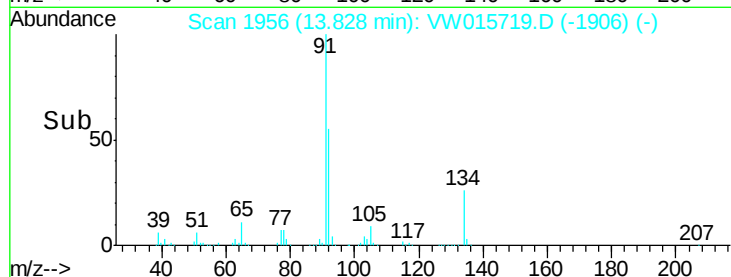
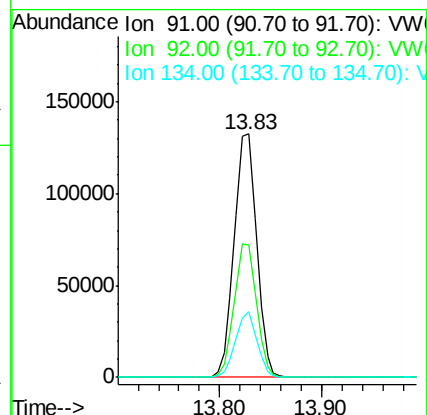
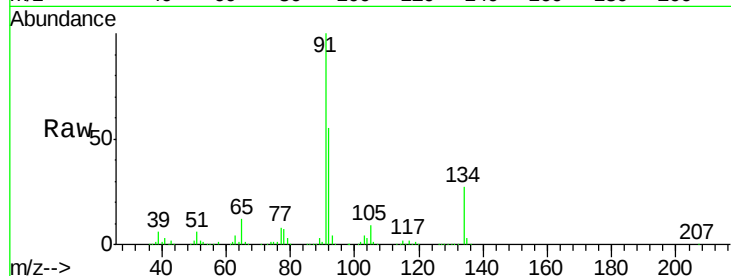
Tot Ion: 91 Resp: 201944

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 18.974 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015719.D

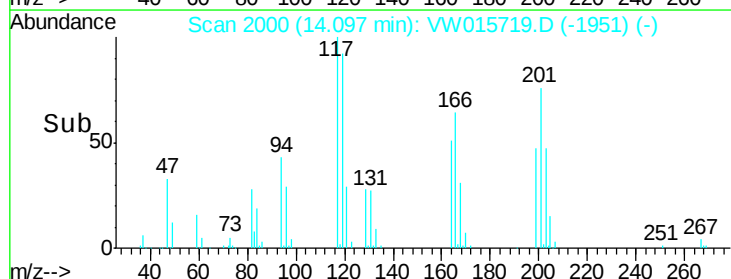
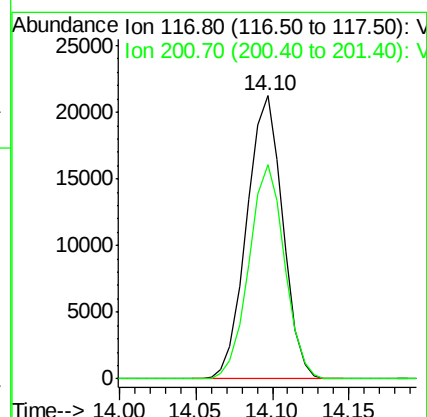
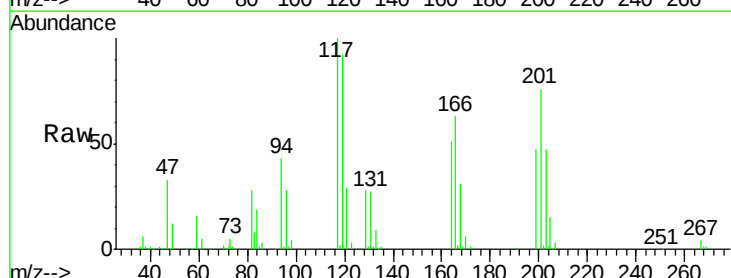
Acq: 25 Jun 2020 11:03

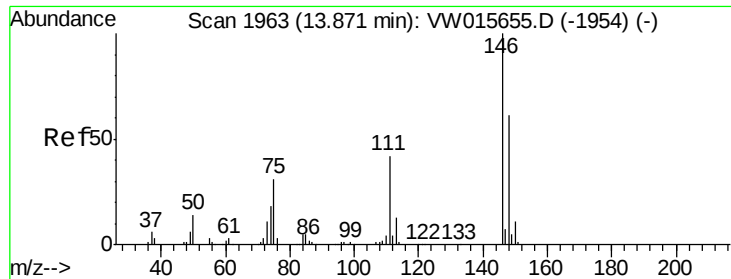
Tgt Ion: 117 Resp: 34839

Ion Ratio Lower Upper

117 100

201 74.6 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 20.319 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

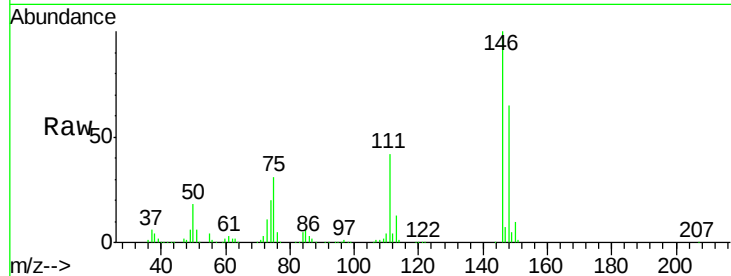
Tot Ion:146 Resp: 86308

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

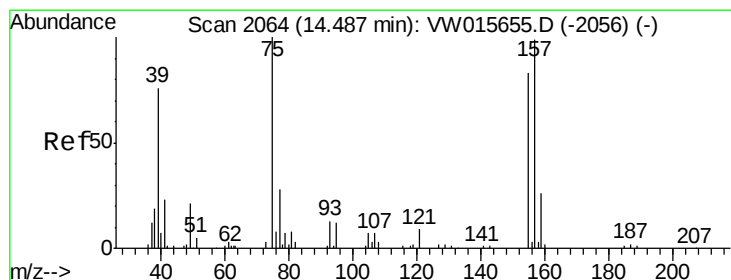
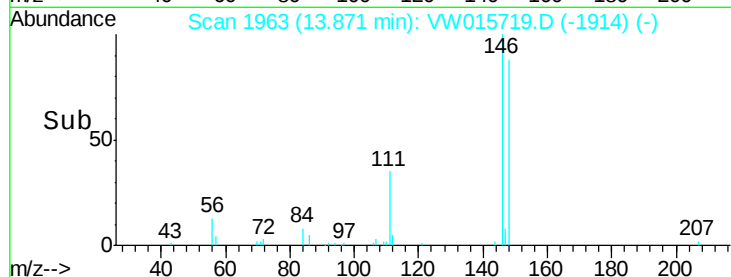
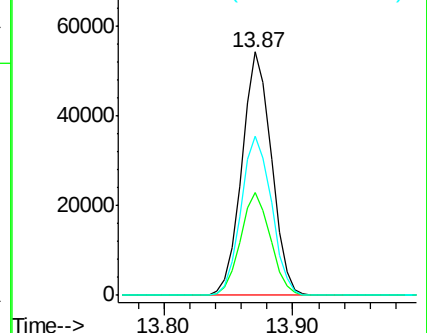
148 67.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.394 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

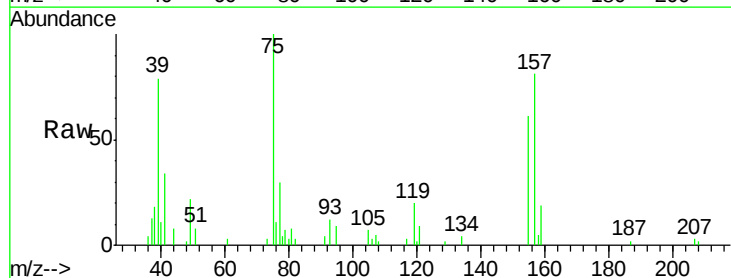
Tgt Ion: 75 Resp: 5514

Ion Ratio Lower Upper

75 100

155 75.1 40.8 122.2

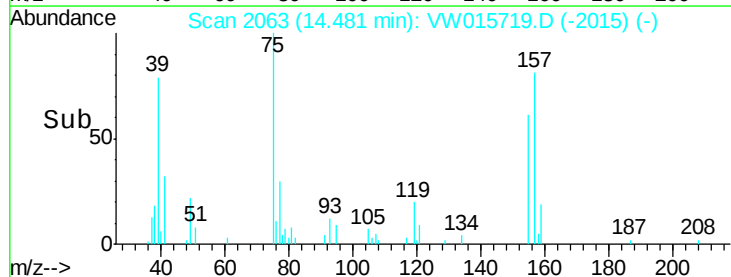
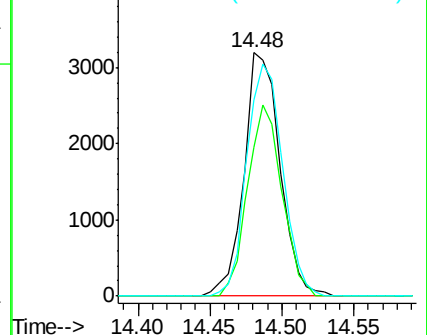
157 95.4 50.7 152.1

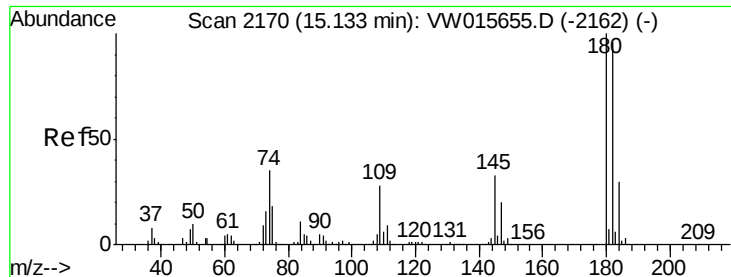


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

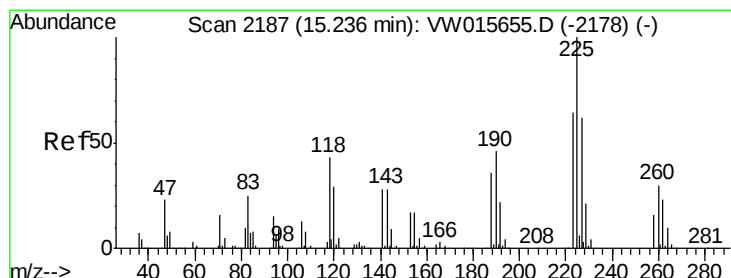
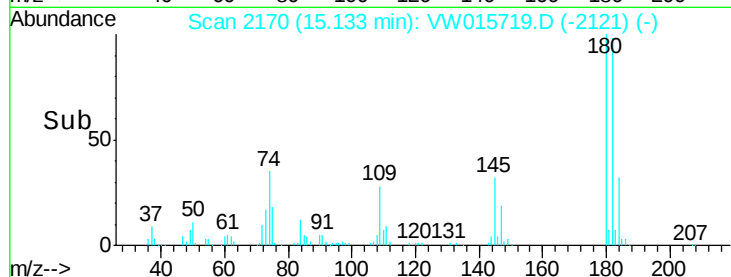
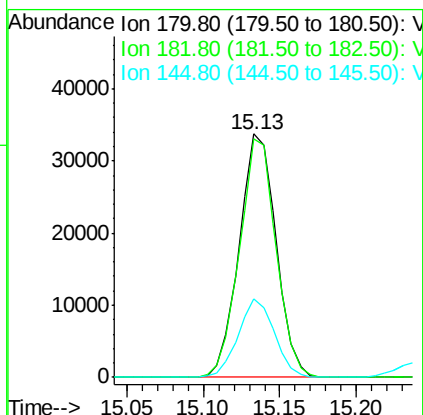
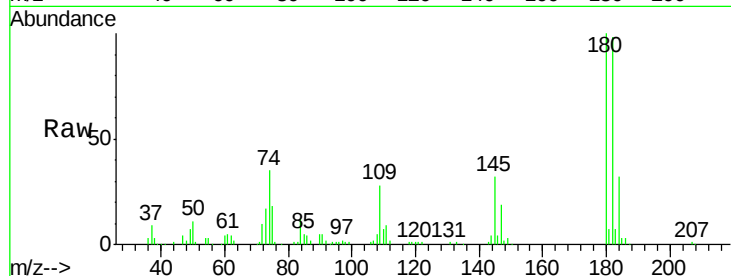




#93
 1,2,4-Trichlorobenzene
 Concen: 20.170 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

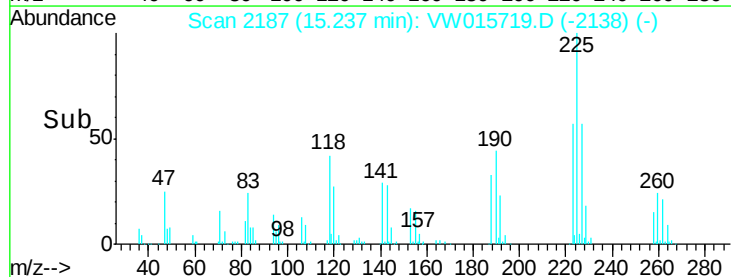
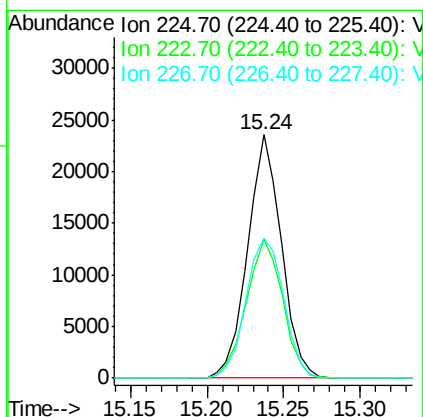
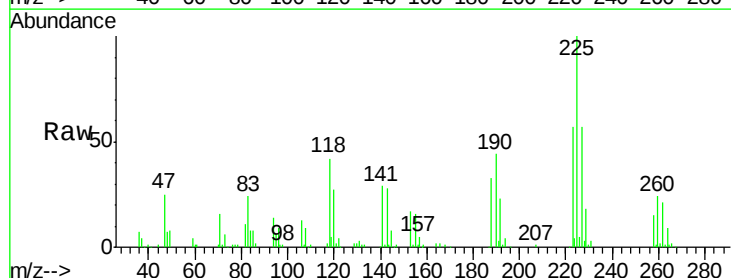
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

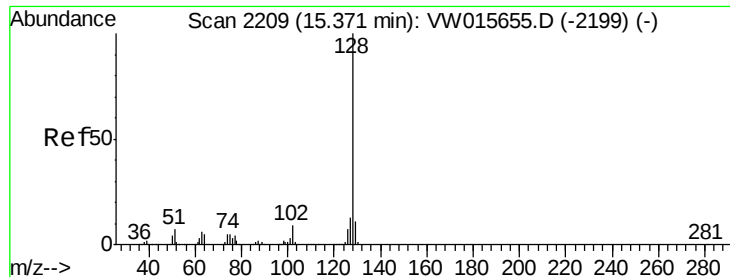
Tot Ion:180 Resp: 56577
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.9 143.6
 145 31.5 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 20.225 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion:225 Resp: 36141
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.0 93.0
 227 64.4 31.9 95.9

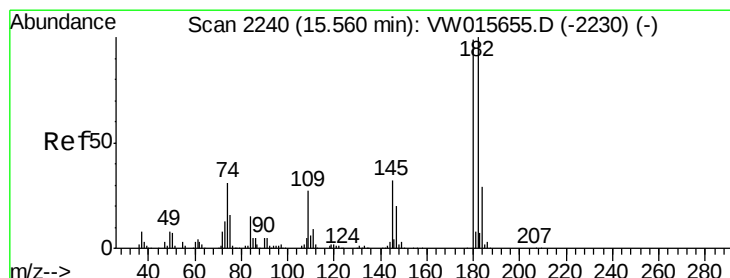
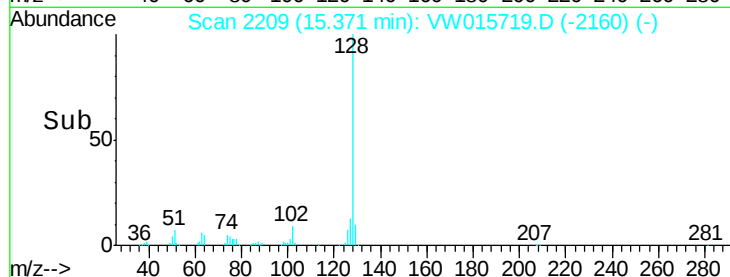
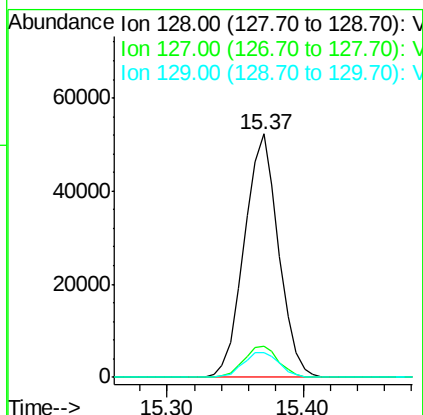
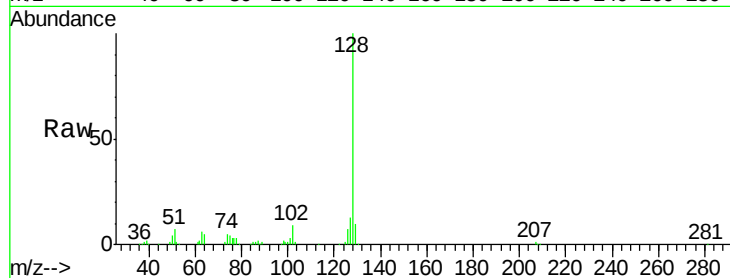




#95
Naphthalene
Concen: 19.840 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion:128 Resp: 92043
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.666 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:180 Resp: 49910
Ion Ratio Lower Upper
180 100
182 95.1 49.0 147.0
145 31.9 16.4 49.2

