

Data File : VW010725.D
Acq On : 07 Jun 2019 13:30
Operator : SY/VA
Sample : VW0607SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Quant Time: Jun 08 02:38:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	145661	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	111053	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.32	98	463772	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.62	95	171069	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	45438	19.914	ug/l	97
3) Chloromethane	2.21	50	66691	19.867	ug/l	99
4) Vinyl Chloride	2.35	62	59963	19.333	ug/l	98
5) Bromomethane	2.74	94	38629	22.680	ug/l	96
6) Chloroethane	2.90	64	36633	19.677	ug/l	100
7) Trichlorofluoromethane	3.25	101	81757	20.307	ug/l	98
8) Diethyl Ether	3.68	74	28770	19.996	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49637	20.053	ug/l	99
10) Methyl Iodide	4.27	142	30549	15.629	ug/l	98
11) Tert butyl alcohol	5.17	59	23400	98.697	ug/l	98
12) 1,1-Dichloroethene	4.03	96	46554	19.497	ug/l	97
13) Acrolein	3.89	56	8088	83.482	ug/l	96
14) Allyl chloride	4.67	41	107752	20.466	ug/l	99
15) Acrylonitrile	5.37	53	68694	98.276	ug/l	99
16) Acetone	4.12	43	73717	94.534	ug/l	97
17) Carbon Disulfide	4.38	76	144701	19.090	ug/l	99
18) Methyl Acetate	4.67	43	33942	20.221	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	138801	20.155	ug/l	100
20) Methylene Chloride	4.92	84	68169	24.919	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53686	19.806	ug/l	96
22) Diisopropyl ether	6.31	45	219145	20.791	ug/l	99
23) Vinyl Acetate	6.26	43	646674	101.661	ug/l	100
24) 1,1-Dichloroethane	6.21	63	107722	20.393	ug/l	99
25) 2-Butanone	7.17	43	106699	98.678	ug/l	99
26) 2,2-Dichloropropane	7.16	77	88302	20.543	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	59918	20.086	ug/l	99
28) Bromochloromethane	7.51	49	46404	19.685	ug/l	96
29) Tetrahydrofuran	7.53	42	65274	95.974	ug/l	100
30) Chloroform	7.67	83	99944	20.686	ug/l	99
31) Cyclohexane	7.95	56	115705	19.705	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	85633	20.290	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83199	20.039	ug/l	100
37) Ethyl Acetate	7.26	43	46188	20.076	ug/l	99
38) Carbon Tetrachloride	8.07	117	72709	20.287	ug/l	95

Data File : VW010725.D
Acq On : 07 Jun 2019 13:30
Operator : SY/VA
Sample : VW0607SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Quant Time: Jun 08 02:38:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103813	19.670	ug/l	99
40) Benzene	8.32	78	227691	20.103	ug/l	98
41) Methacrylonitrile	7.48	41	26612	19.460	ug/l	95
42) 1,2-Dichloroethane	8.40	62	74765	20.799	ug/l	100
43) Isopropyl Acetate	8.42	43	87342	19.651	ug/l	99
44) Trichloroethene	9.09	130	55666	19.924	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61484	20.507	ug/l	99
46) Dibromomethane	9.46	93	28133	20.202	ug/l	98
47) Bromodichloromethane	9.65	83	73579	20.383	ug/l	98
48) Methyl methacrylate	9.44	41	41250	19.249	ug/l	98
49) 1,4-Dioxane	9.44	88	8522	391.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	222362	97.927	ug/l	100
52) Toluene	10.39	92	139772	20.057	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76055	19.892	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90236	20.056	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39824	19.851	ug/l	99
56) Ethyl methacrylate	10.65	69	60832	19.706	ug/l	98
57) 1,3-Dichloropropane	10.93	76	75830	20.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	163260	100.973	ug/l	100
59) 2-Hexanone	10.97	43	158039	96.302	ug/l	99
60) Dibromochloromethane	11.13	129	43687	19.644	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38095	20.042	ug/l	99
64) Tetrachloroethene	10.86	164	46344	19.378	ug/l	95
65) Chlorobenzene	11.66	112	142470	20.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48472	19.768	ug/l	97
67) Ethyl Benzene	11.73	91	273451	20.087	ug/l	99
68) m/p-Xylenes	11.84	106	194898	39.995	ug/l	98
69) o-Xylene	12.16	106	91929	19.890	ug/l	96
70) Styrene	12.18	104	161875	20.162	ug/l	100
71) Bromoform	12.35	173	24265	19.135	ug/l #	99
73) Isopropylbenzene	12.47	105	259957	19.813	ug/l	99
74) N-amyl acetate	12.27	43	83473	19.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47685	19.091	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64147	34.986	ug/l #	100
77) Bromobenzene	12.75	156	56028	19.563	ug/l	97
78) n-propylbenzene	12.80	91	314224	19.862	ug/l	100
79) 2-Chlorotoluene	12.90	91	180487	19.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215721	20.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14395	18.044	ug/l	93
82) 4-Chlorotoluene	12.99	91	187303	20.081	ug/l	99
83) tert-Butylbenzene	13.21	119	179802	19.728	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	219052	20.270	ug/l	99
85) sec-Butylbenzene	13.38	105	261259	19.688	ug/l	99
86) p-Isopropyltoluene	13.50	119	237122	19.982	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109576	19.840	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	109852	20.063	ug/l	99
89) n-Butylbenzene	13.83	91	239263	20.208	ug/l	100
90) Hexachloroethane	14.10	117	41208	19.391	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	98104	19.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8166	19.038	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060719\
Quantitation Report (Not Reviewed)

Data File : VW010725.D
Acq On : 07 Jun 2019 13:30
Operator : SY/VA
Sample : VW0607SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Quant Time: Jun 08 02:38:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	70246	20.154	ug/l	98
94) Hexachlorobutadiene	15.24	225	43274	19.782	ug/l	99
95) Naphthalene	15.37	128	118885	18.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	60021	20.249	ug/l	98

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

Data File : VW010725.D

Acq On : 07 Jun 2019 13:30

Operator : SY/VA

Sample : VW0607SBS01

Misc : 5.00G/5ML/MSVOA W/SOIL

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

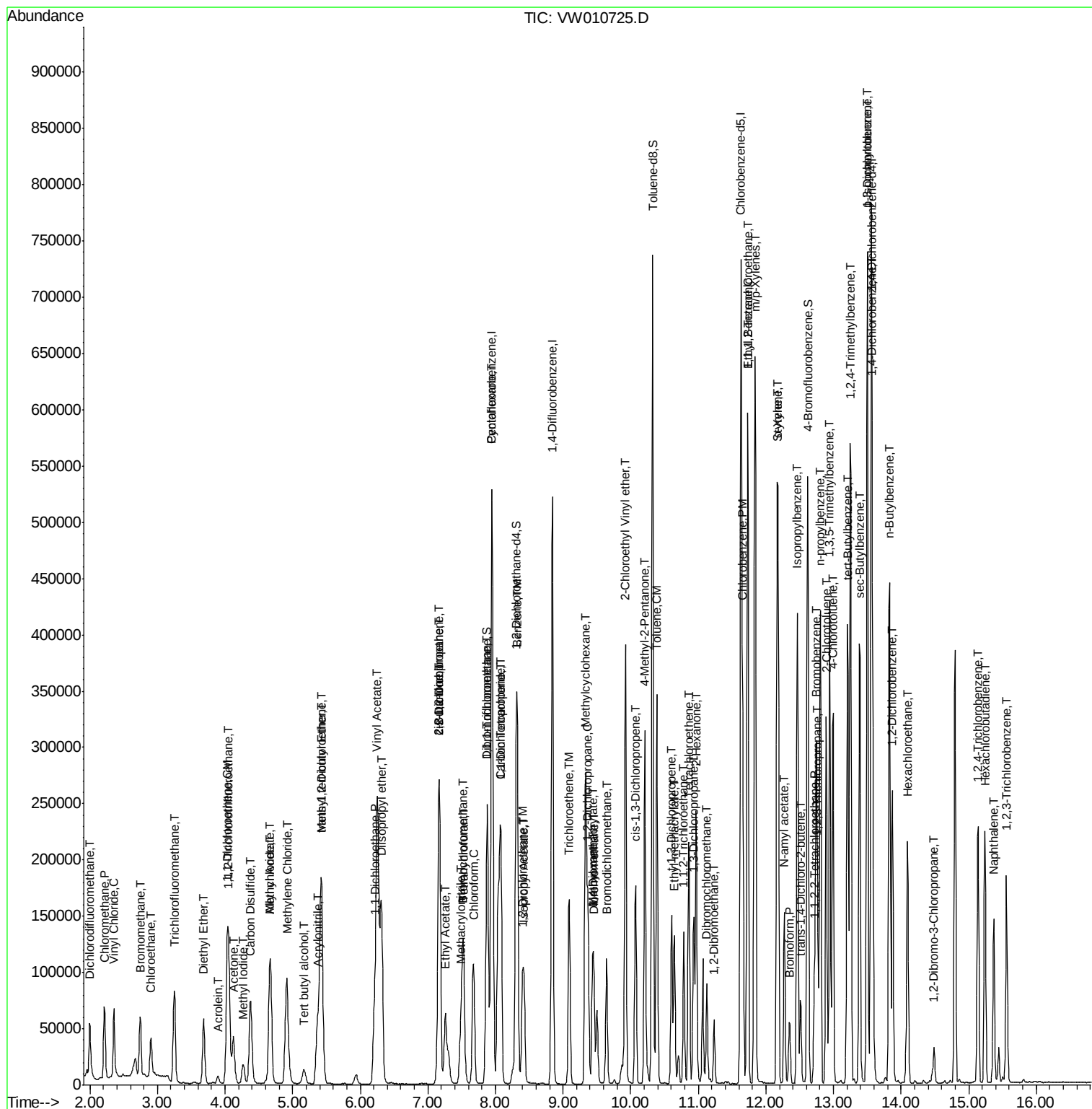
Quant Time: Jun 08 02:38:24 2019

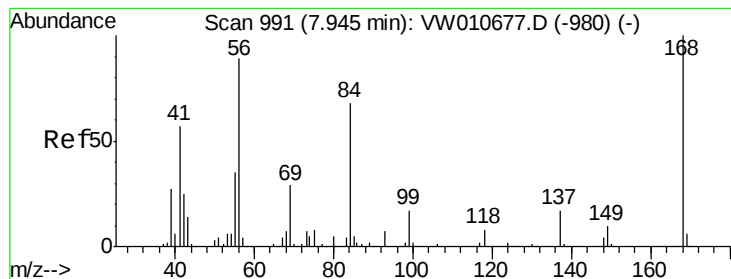
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W060419S.M

Quant Title : SW846 8260

QLast Update : Wed Jun 05 03:21:19 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

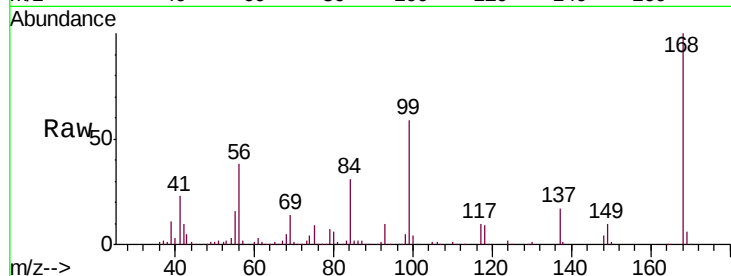
VW0607SBS01

Tgt Ion:168 Resp: 246908

Ion Ratio Lower Upper

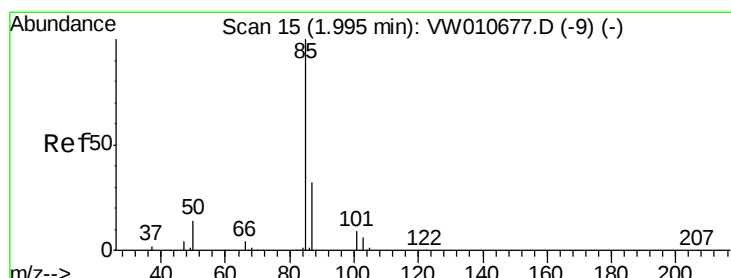
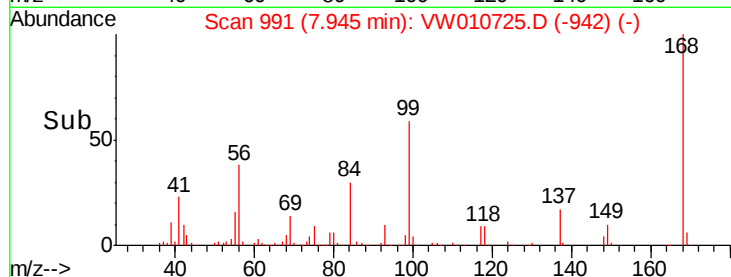
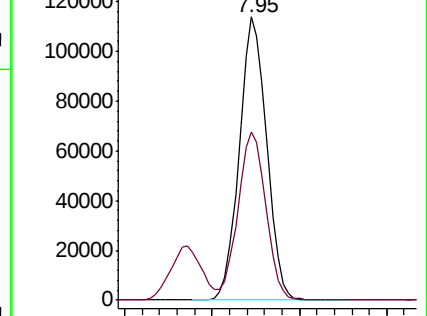
168 100

99 59.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.914 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010725.D

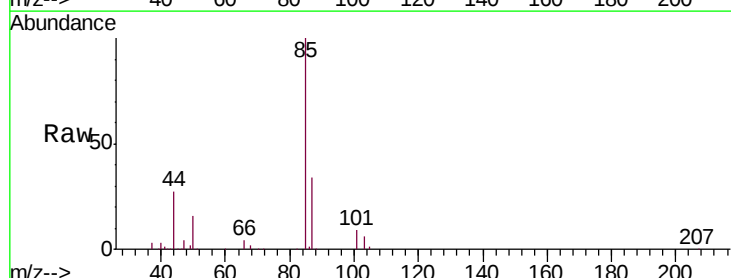
Acq: 07 Jun 2019 13:30

Tgt Ion: 85 Resp: 45438

Ion Ratio Lower Upper

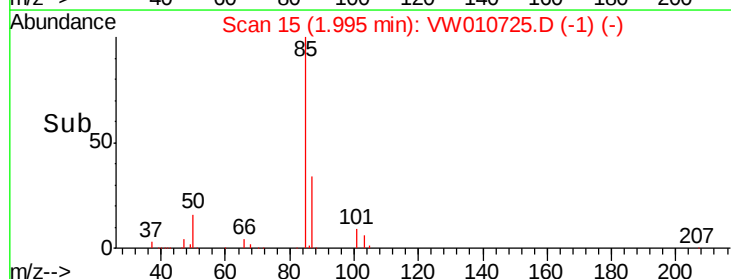
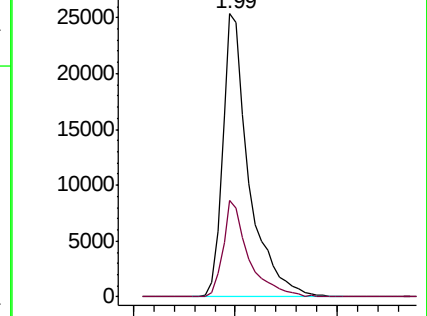
85 100

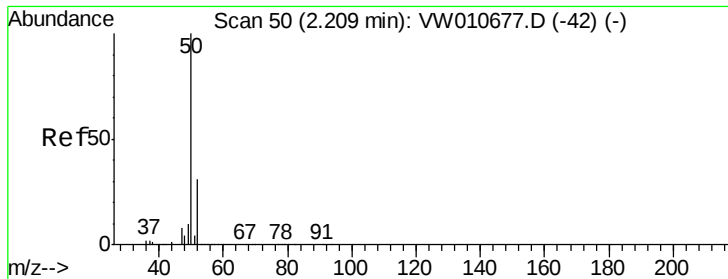
87 34.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.867 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

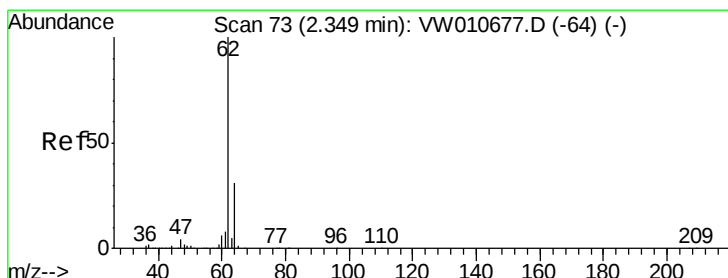
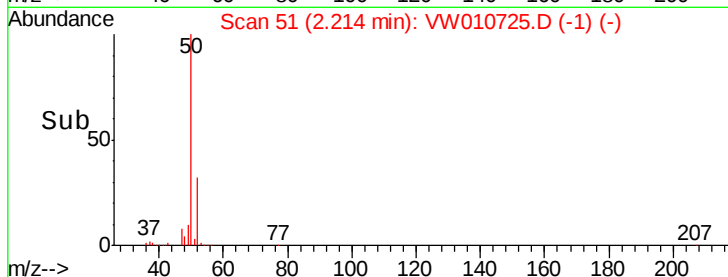
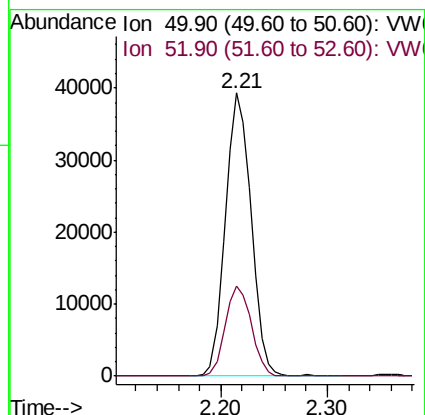
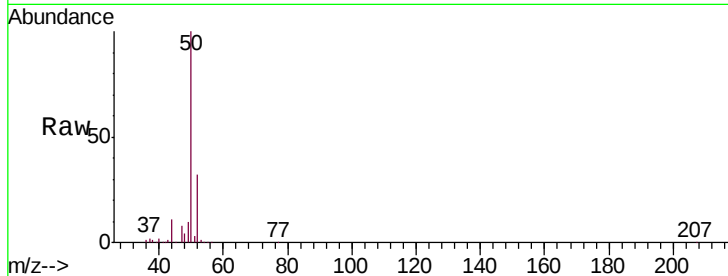
VW0607SBS01

Tgt Ion: 50 Resp: 66691

Ion Ratio Lower Upper

50 100

52 32.0 25.2 37.8



#4

Vinyl Chloride

Concen: 19.333 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010725.D

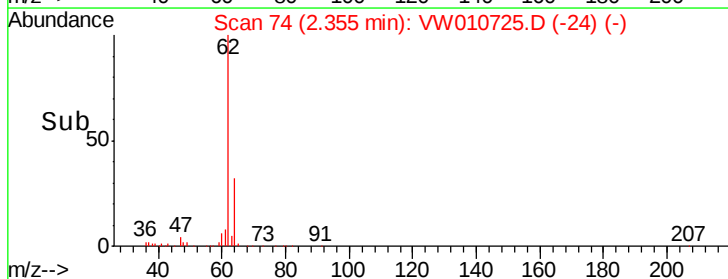
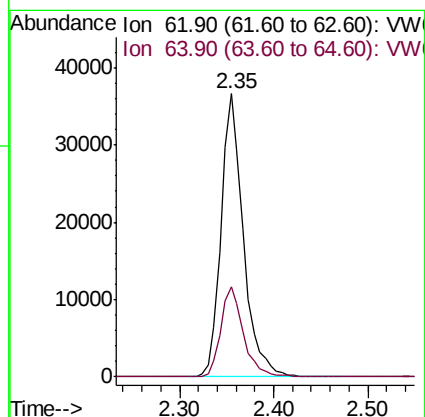
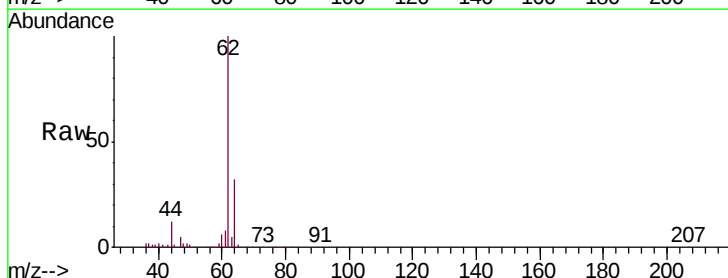
Acq: 07 Jun 2019 13:30

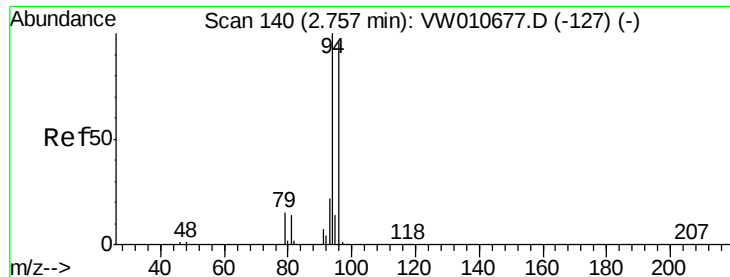
Tgt Ion: 62 Resp: 59963

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 22.680 ug/l

RT: 2.74 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

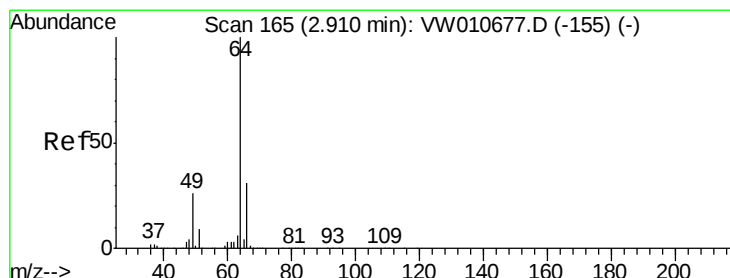
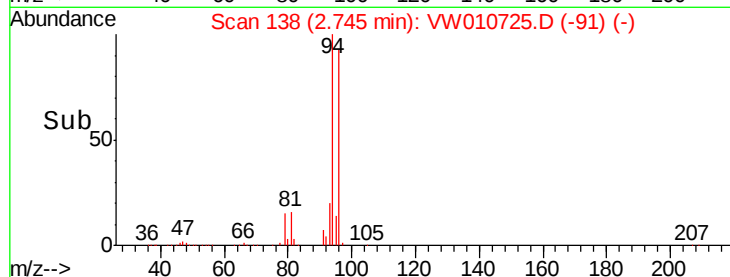
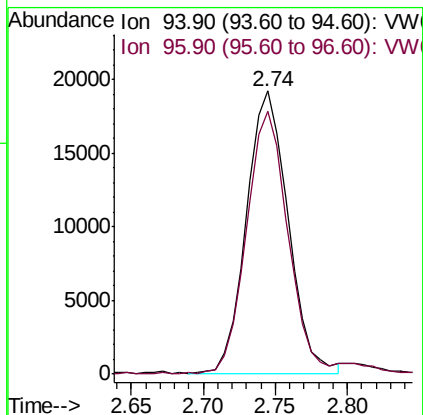
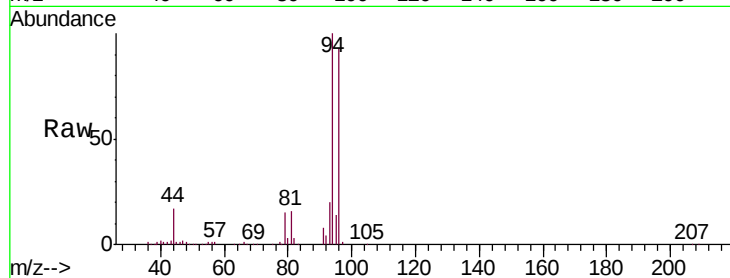
VW0607SBS01

Tgt Ion: 94 Resp: 38629

Ion Ratio Lower Upper

94 100

96 92.0 76.5 114.7



#6

Chloroethane

Concen: 19.677 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010725.D

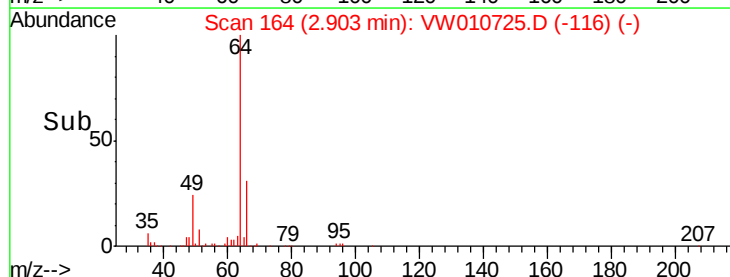
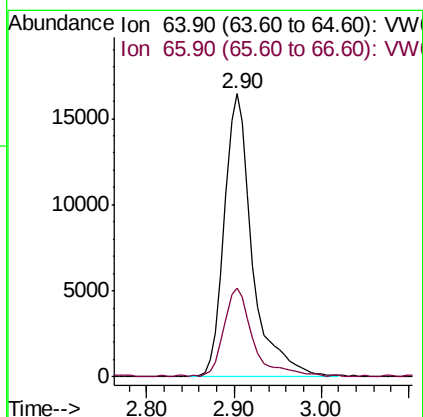
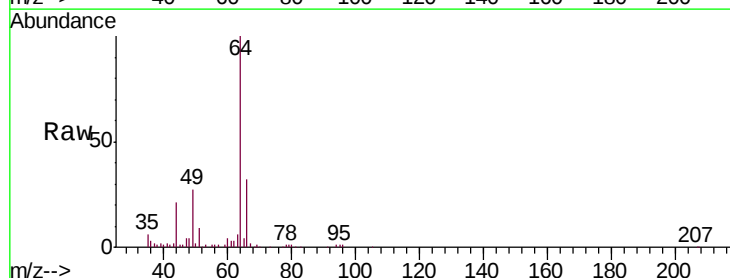
Acq: 07 Jun 2019 13:30

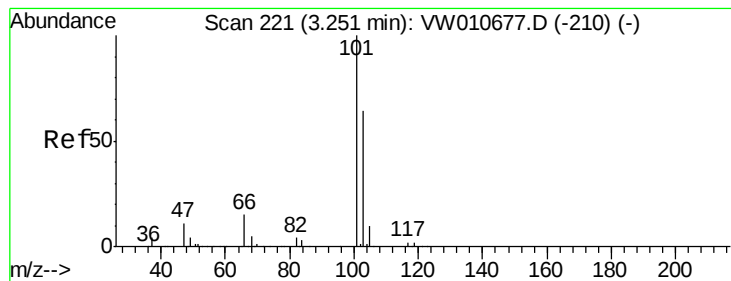
Tgt Ion: 64 Resp: 36633

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



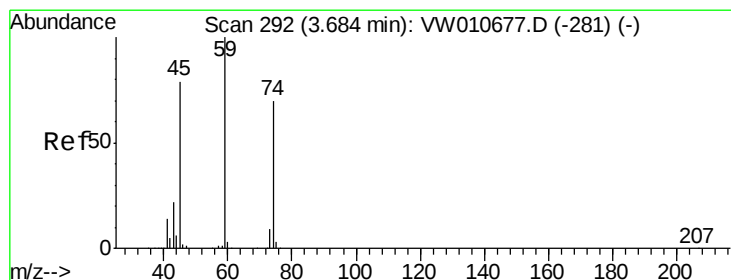
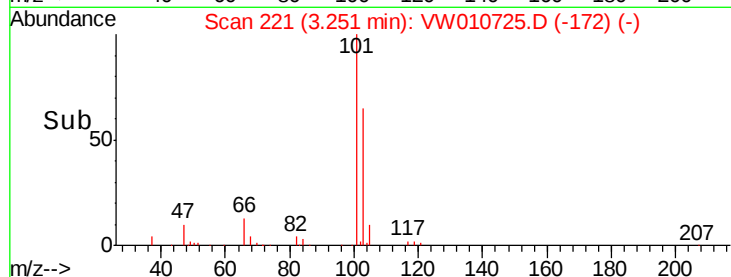
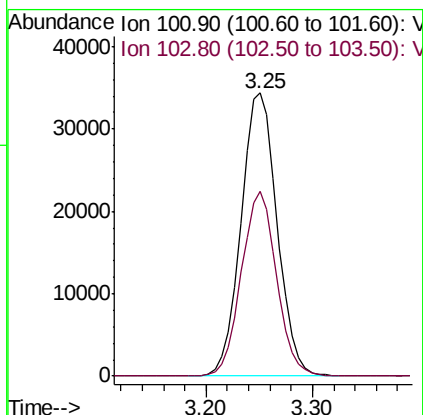
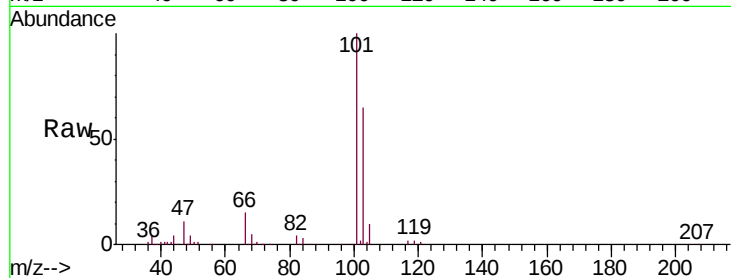


#7

Trichlorofluoromethane
 Concen: 20.307 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

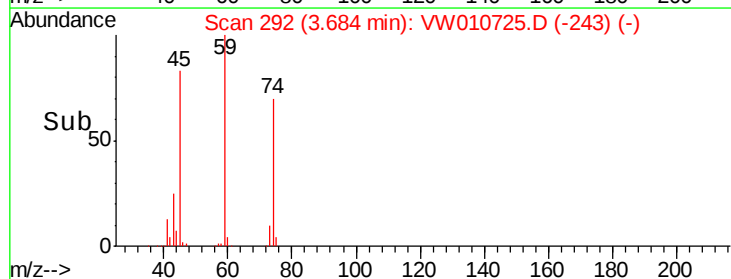
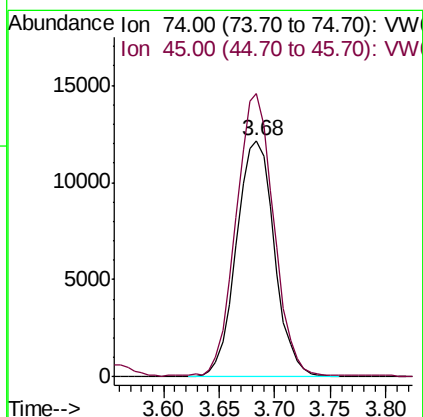
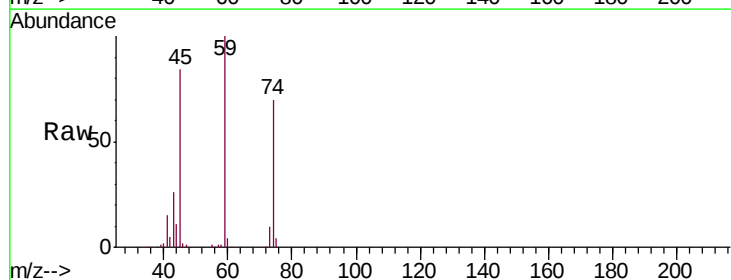
Tgt Ion:101 Resp: 81757
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.2 76.8

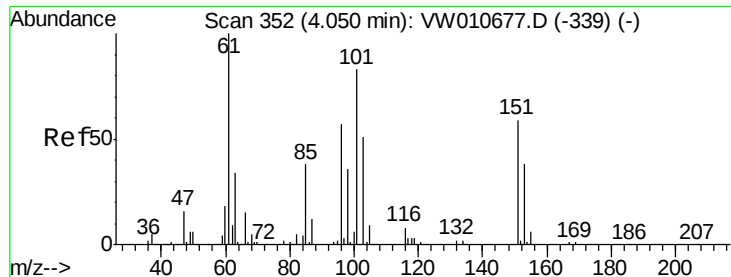


#8

Diethyl Ether
 Concen: 19.996 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion: 74 Resp: 28770
 Ion Ratio Lower Upper
 74 100
 45 118.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.053 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

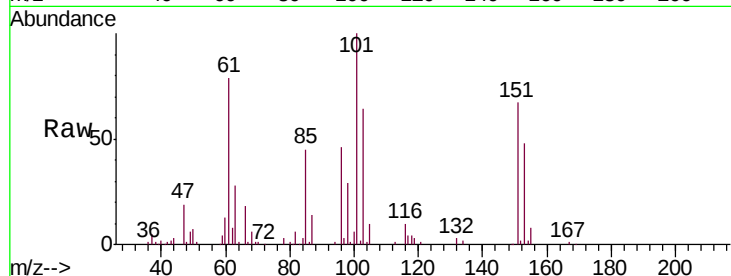
Tgt Ion:101 Resp: 49637

Ion Ratio Lower Upper

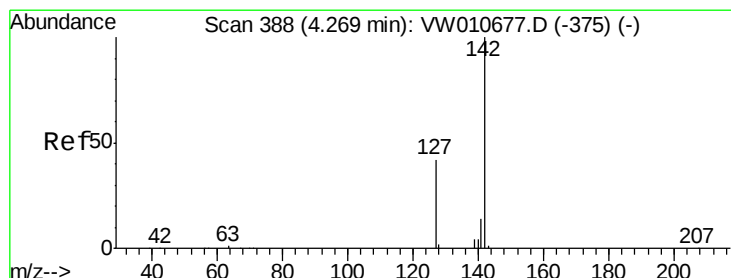
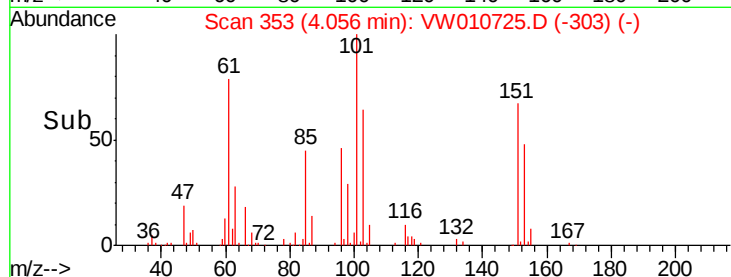
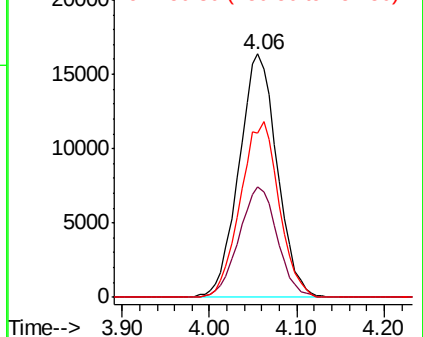
101 100

85 45.3 35.8 53.8

151 73.1 58.1 87.1



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



#10

Methyl Iodide

Concen: 15.629 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

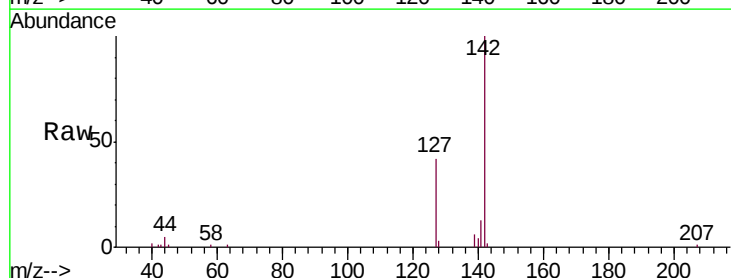
Tgt Ion:142 Resp: 30549

Ion Ratio Lower Upper

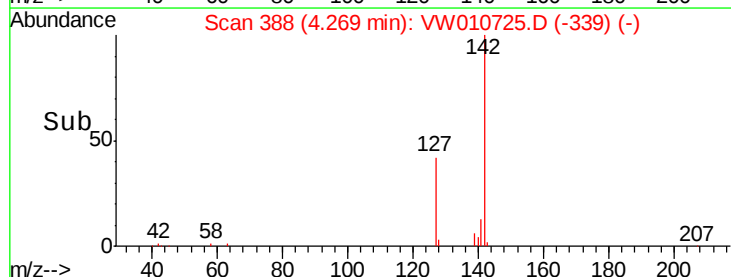
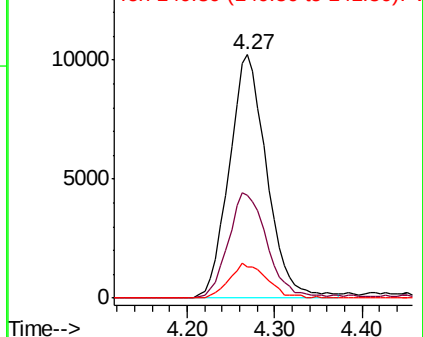
142 100

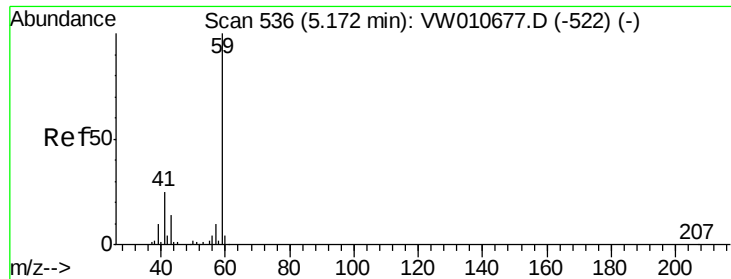
127 44.3 34.6 51.8

141 14.2 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

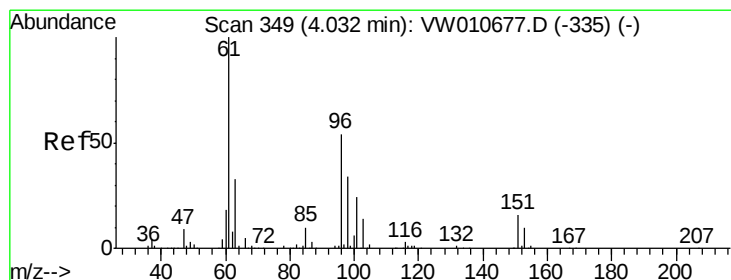
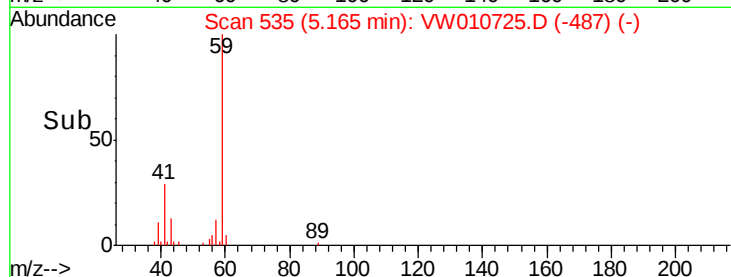
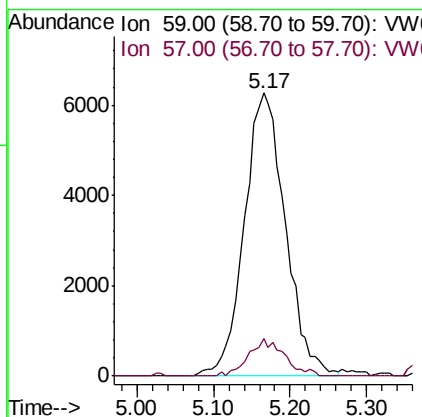
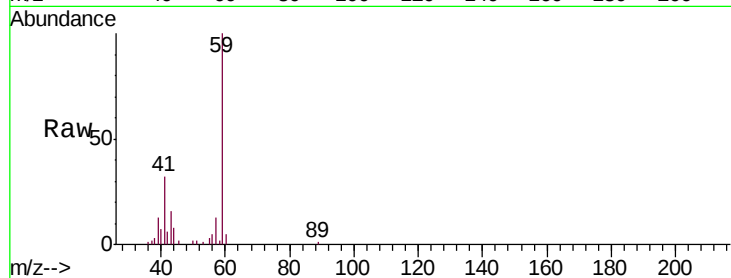




#11
Tert butyl alcohol
Concen: 98.697 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

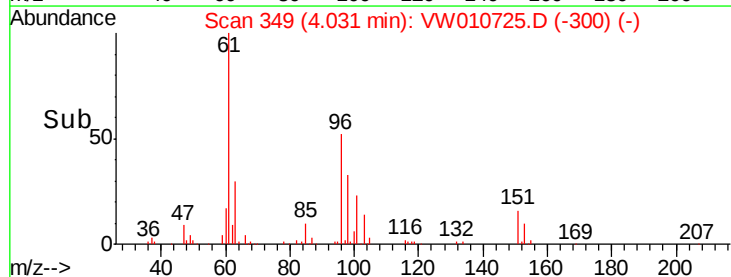
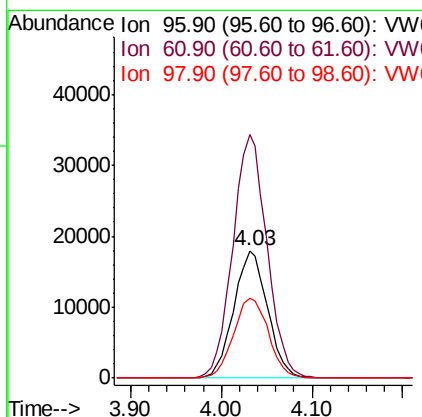
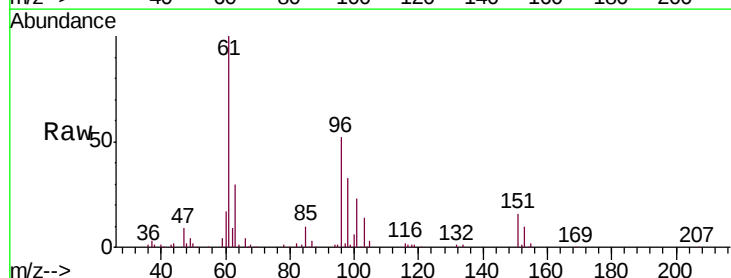
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

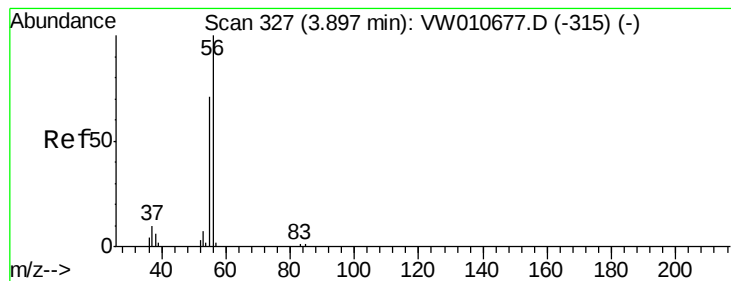
Tgt Ion: 59 Resp: 23400
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.497 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 96 Resp: 46554
Ion Ratio Lower Upper
96 100
61 190.6 149.1 223.7
98 62.4 51.1 76.7





#13

Acrolein

Concen: 83.482 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

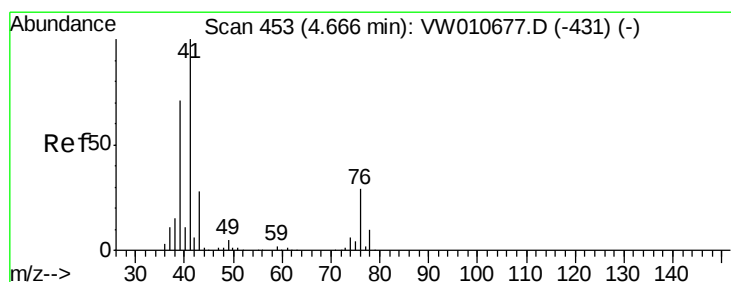
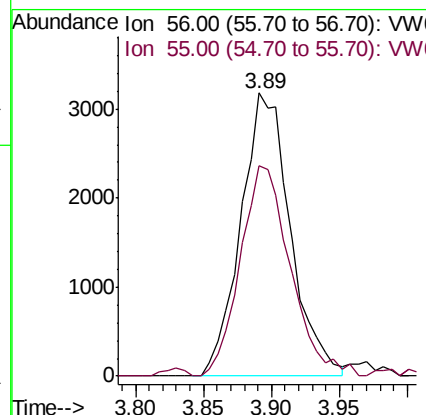
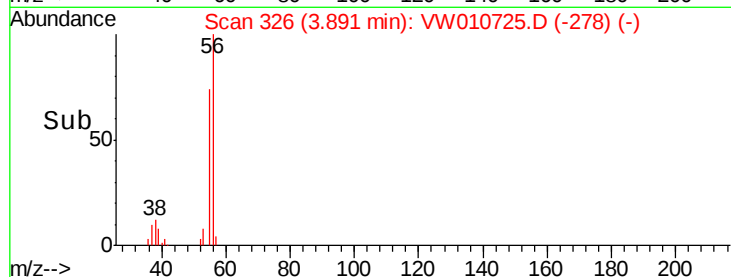
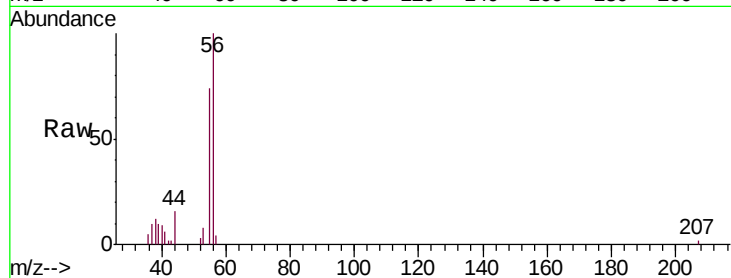
VW0607SBS01

Tgt Ion: 56 Resp: 8088

Ion Ratio Lower Upper

56 100

55 75.3 57.6 86.4



#14

Allyl chloride

Concen: 20.466 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

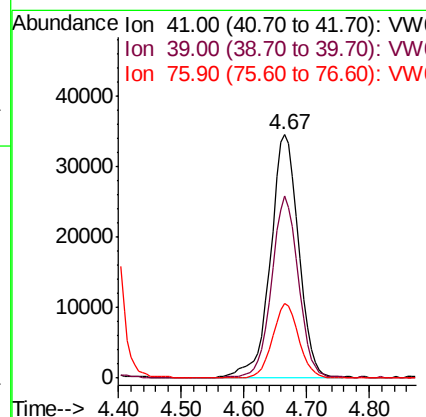
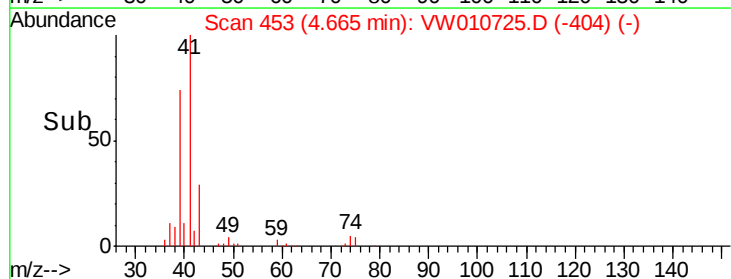
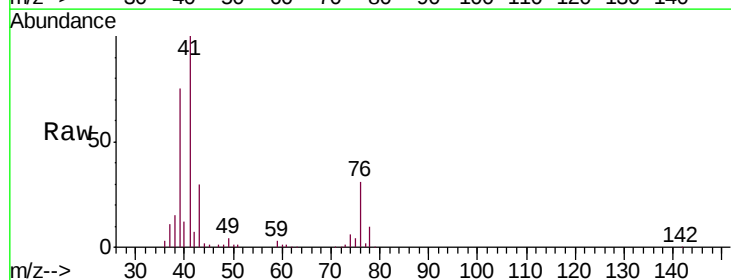
Tgt Ion: 41 Resp: 107752

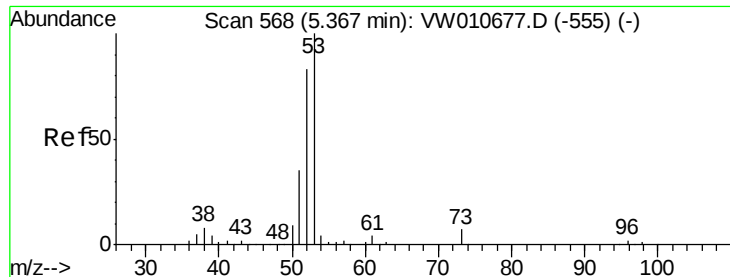
Ion Ratio Lower Upper

41 100

39 71.3 55.8 83.6

76 28.3 22.7 34.1





#15

Acrylonitrile

Concen: 98.276 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

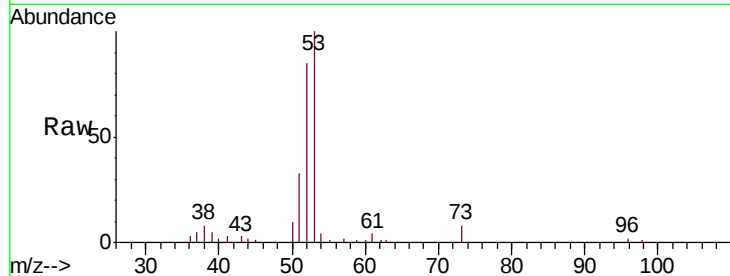
Tgt Ion: 53 Resp: 68694

Ion Ratio Lower Upper

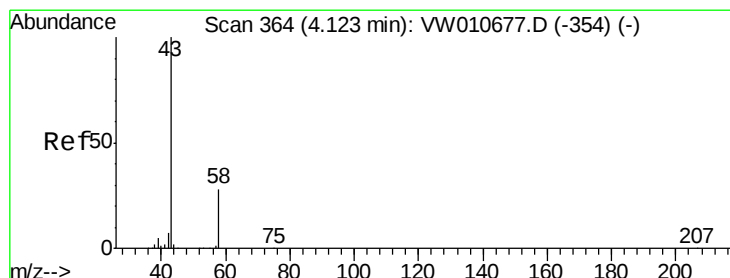
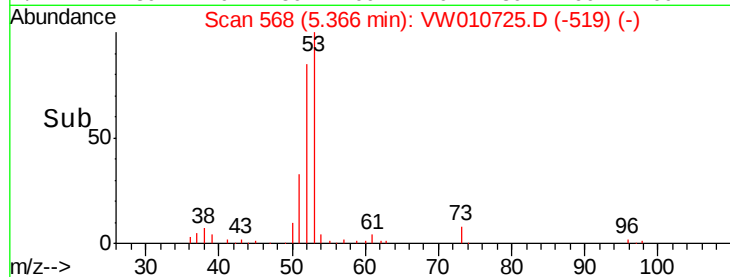
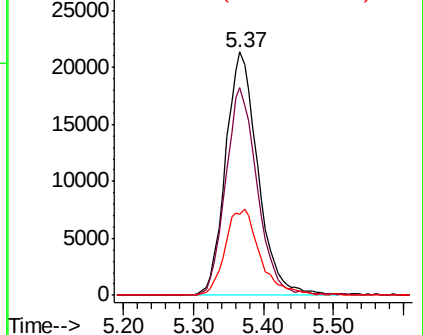
53 100

52 83.1 66.6 100.0

51 38.1 29.8 44.8



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



#16

Acetone

Concen: 94.534 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010725.D

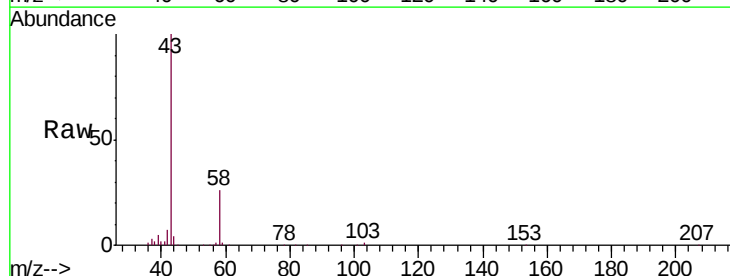
Acq: 07 Jun 2019 13:30

Tgt Ion: 43 Resp: 73717

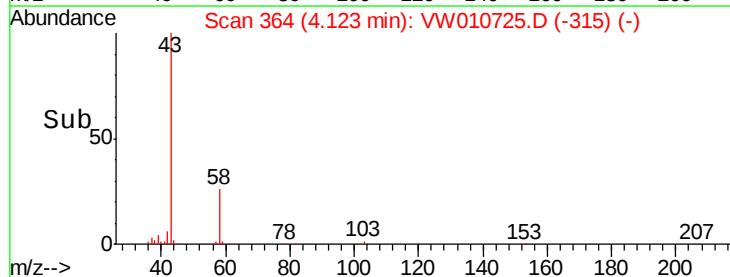
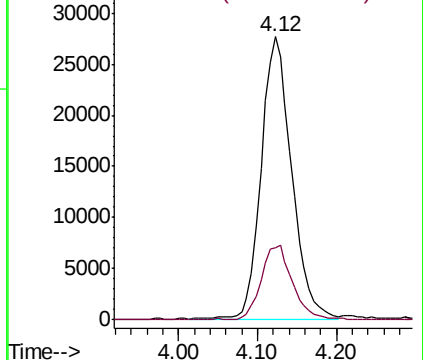
Ion Ratio Lower Upper

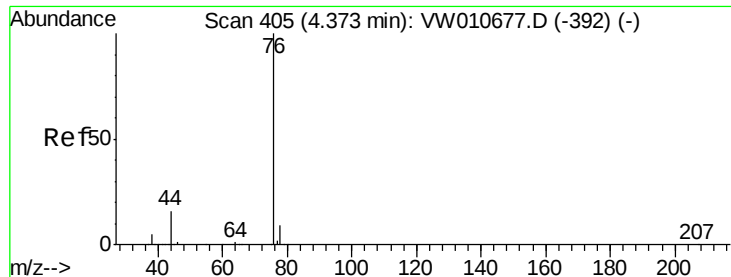
43 100

58 25.8 22.1 33.1



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





#17

Carbon Disulfide

Concen: 19.090 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

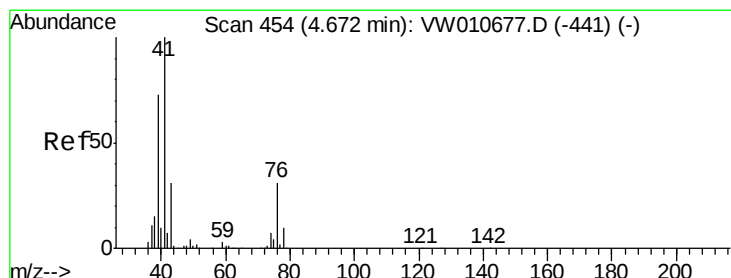
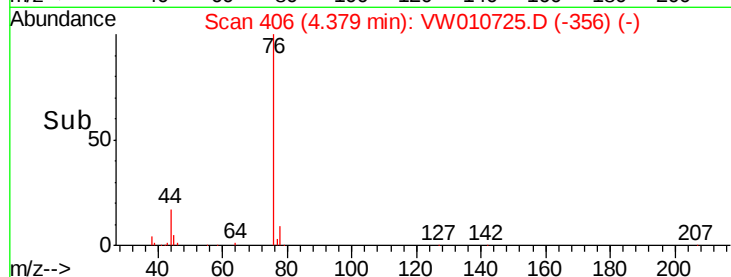
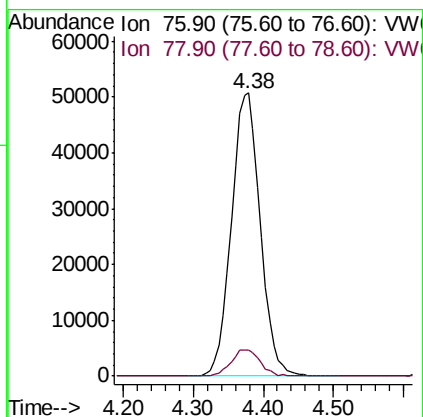
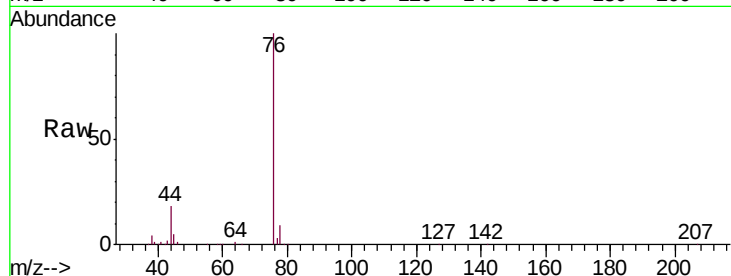
VW0607SBS01

Tgt Ion: 76 Resp: 144701

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 20.221 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010725.D

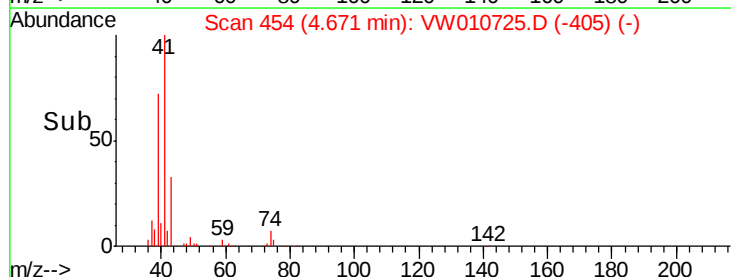
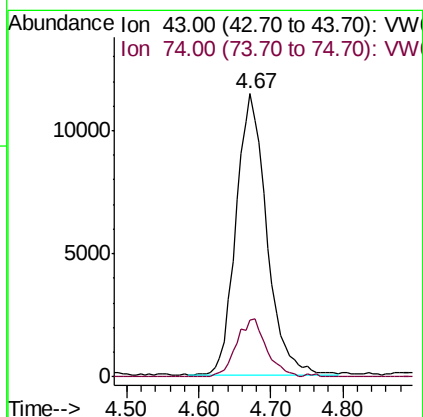
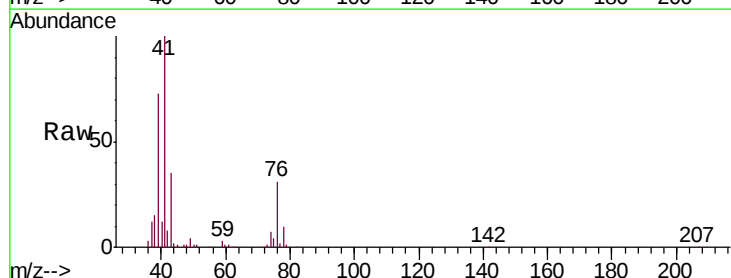
Acq: 07 Jun 2019 13:30

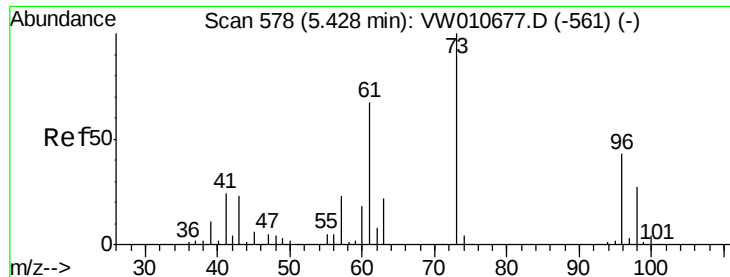
Tgt Ion: 43 Resp: 33942

Ion Ratio Lower Upper

43 100

74 20.1 16.7 25.1

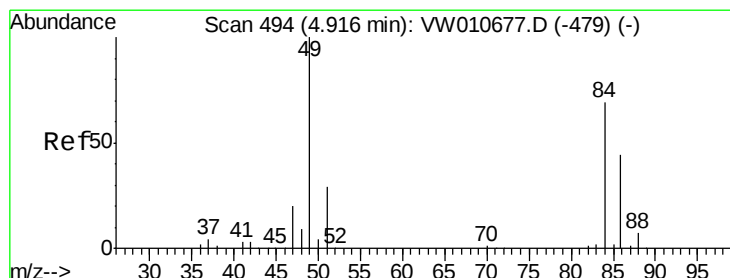
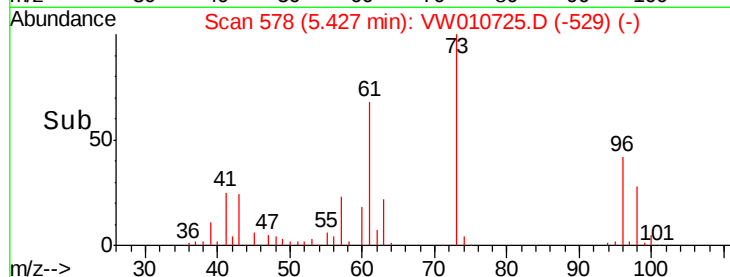
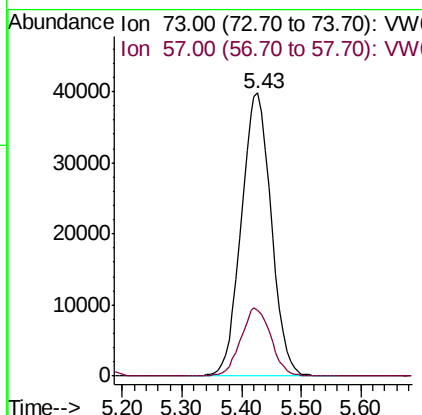
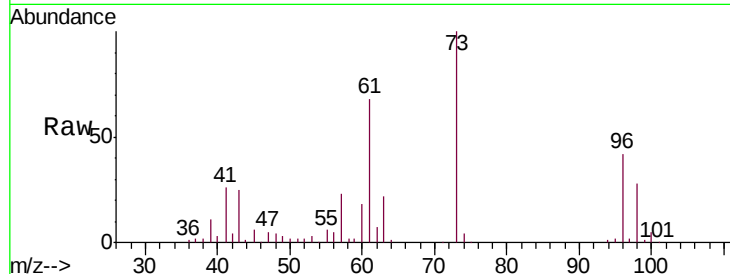




#19
Methyl tert-butyl Ether
Concen: 20.155 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

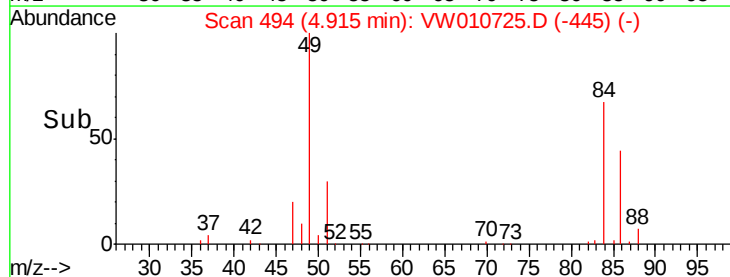
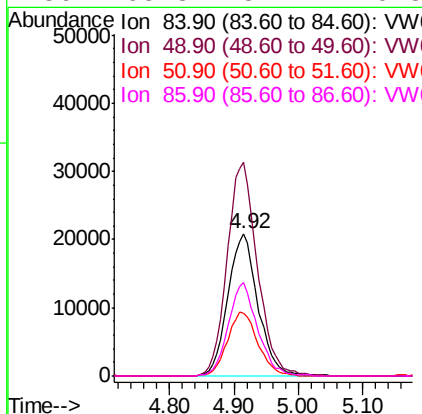
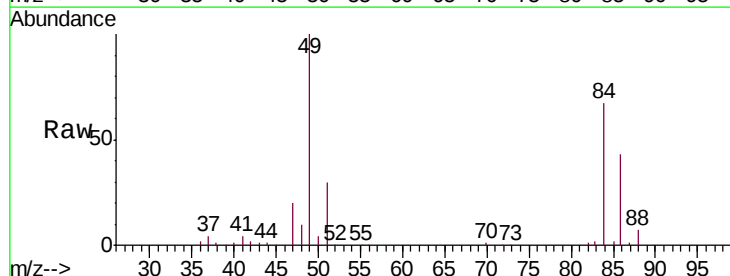
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

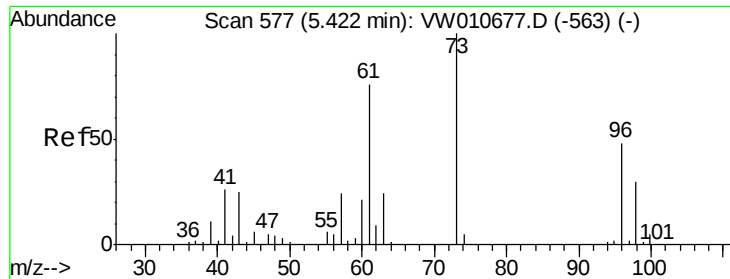
Tgt Ion: 73 Resp: 138801
Ion Ratio Lower Upper
73 100
57 23.4 18.6 27.8



#20
Methylene Chloride
Concen: 24.919 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 84 Resp: 68169
Ion Ratio Lower Upper
84 100
49 150.1 116.7 175.1
51 44.4 34.2 51.2
86 65.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.806 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

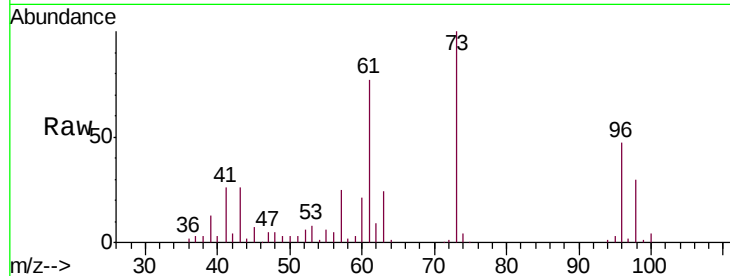
Tgt Ion: 96 Resp: 53686

Ion Ratio Lower Upper

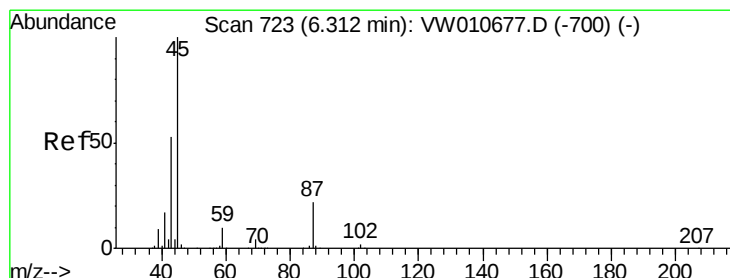
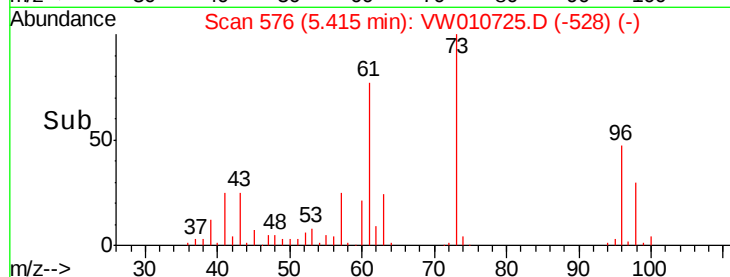
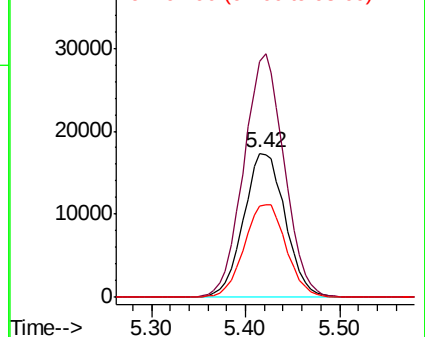
96 100

61 163.5 126.0 189.0

98 63.5 49.6 74.4



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



#22

Diisopropyl ether

Concen: 20.791 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion: 45 Resp: 219145

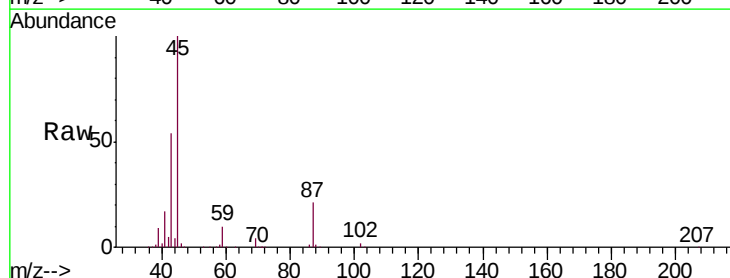
Ion Ratio Lower Upper

45 100

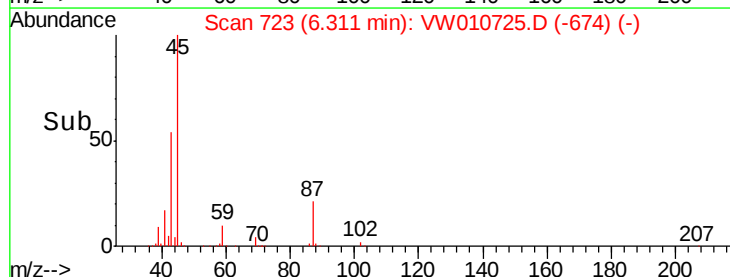
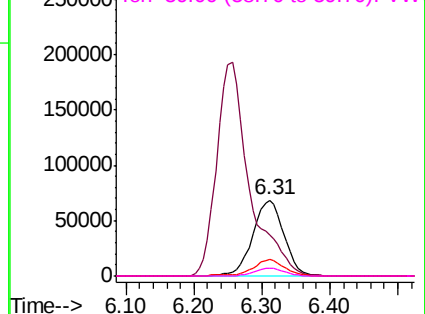
43 53.9 42.5 63.7

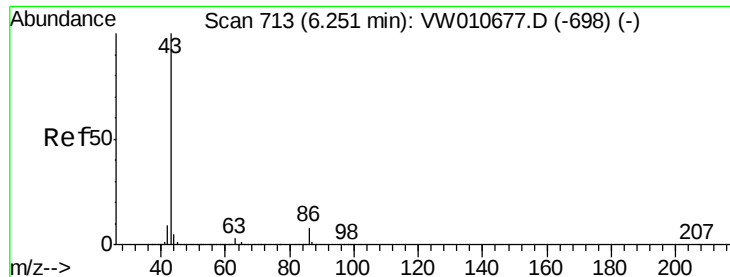
87 21.3 17.4 26.2

59 10.4 8.1 12.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.661 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

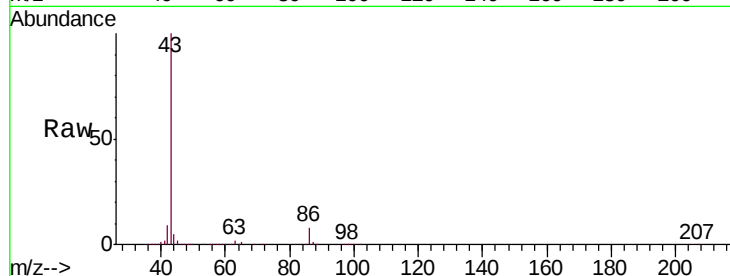
VW0607SBS01

Tgt Ion: 43 Resp: 646674

Ion Ratio Lower Upper

43 100

86 8.5 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

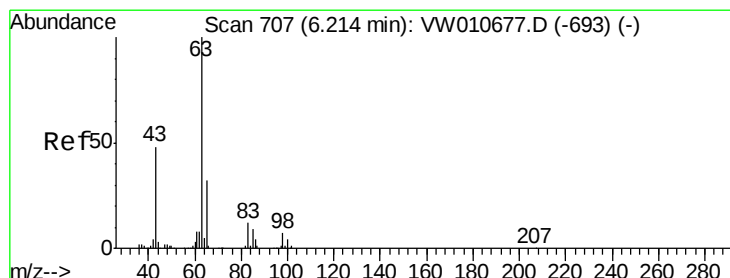
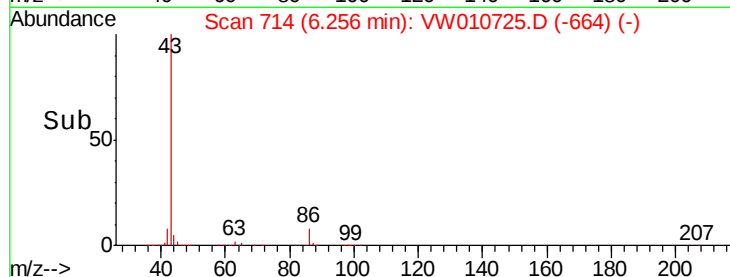
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.393 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

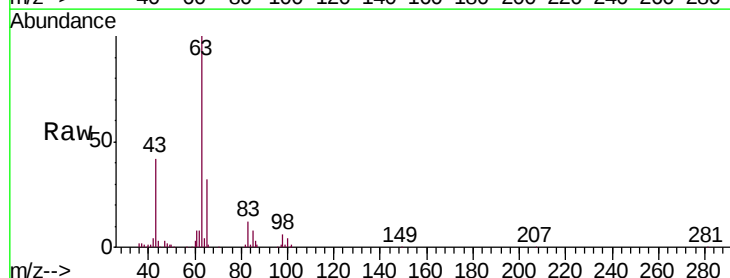
Tgt Ion: 63 Resp: 107722

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

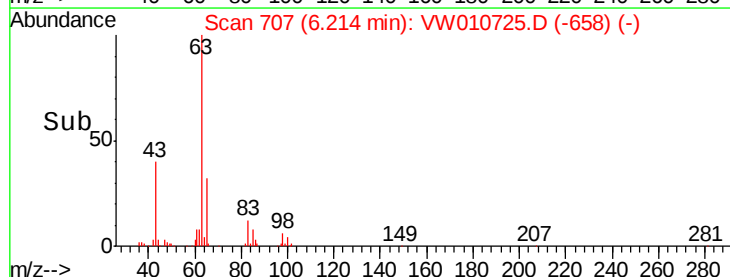
30000

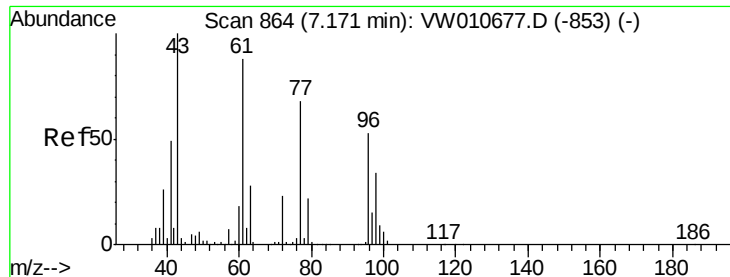
20000

10000

0

Time-->

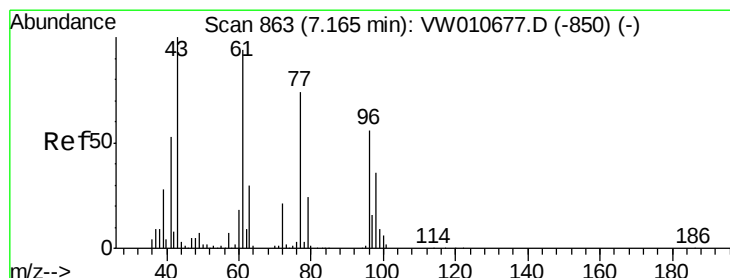
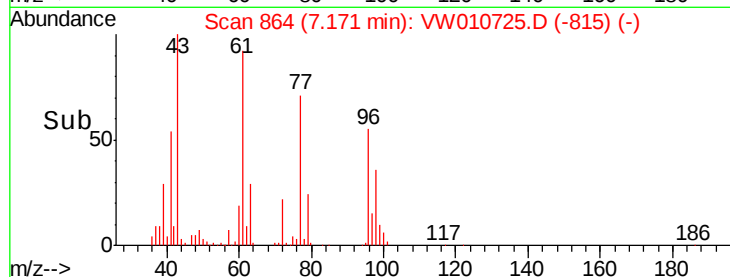
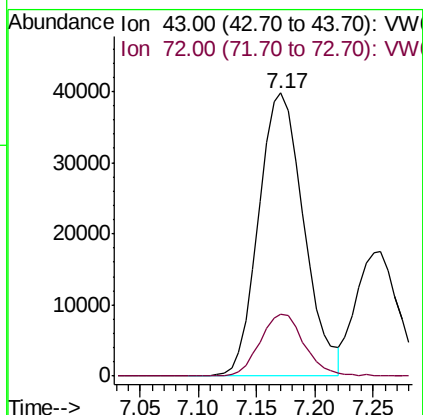
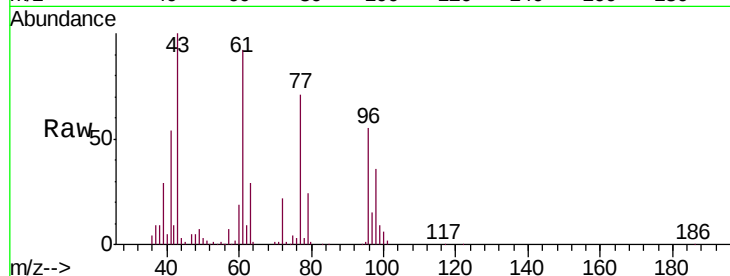




#25
2-Butanone
Concen: 98.678 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

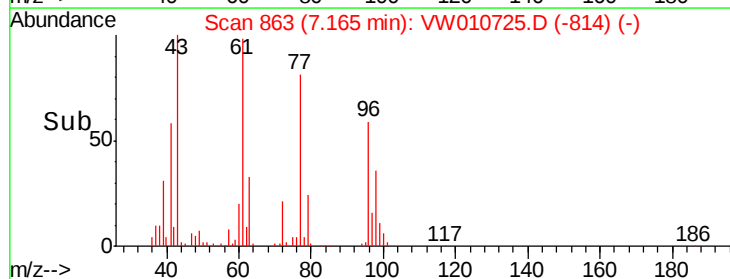
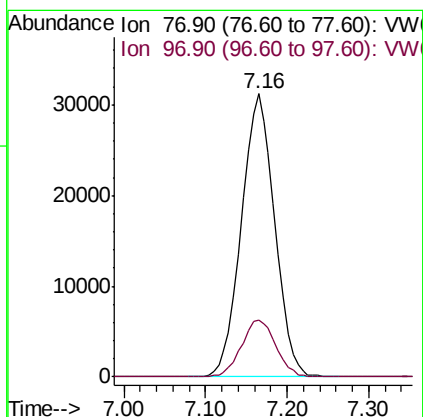
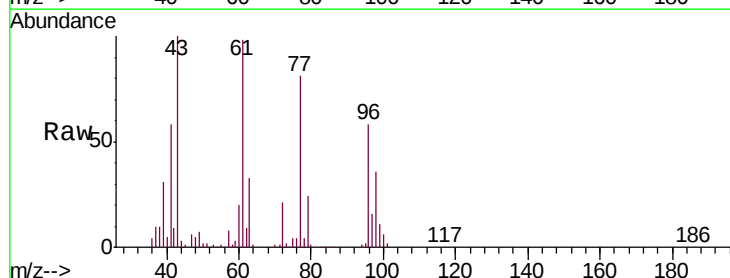
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

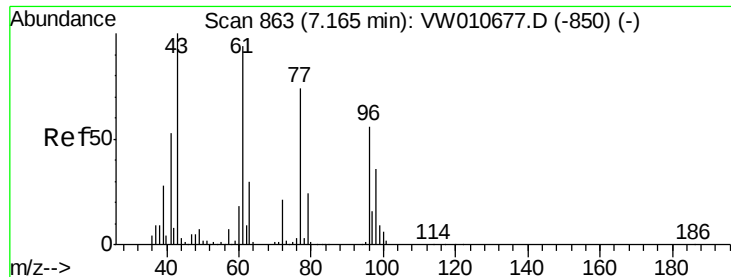
Tgt Ion: 43 Resp: 106699
Ion Ratio Lower Upper
43 100
72 22.0 18.1 27.1



#26
2,2-Dichloropropane
Concen: 20.543 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 77 Resp: 88302
Ion Ratio Lower Upper
77 100
97 20.8 10.5 31.6



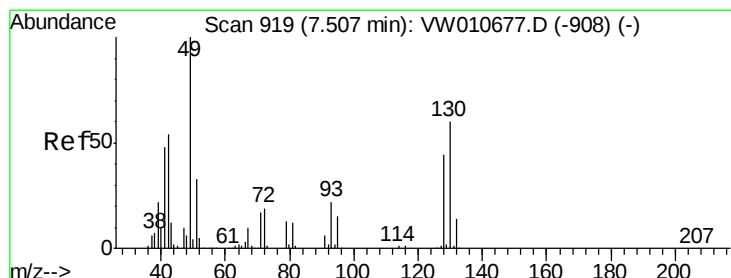
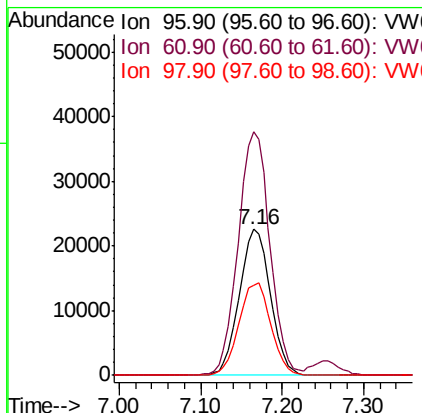
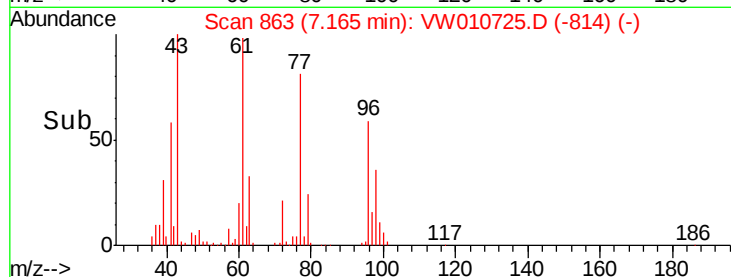
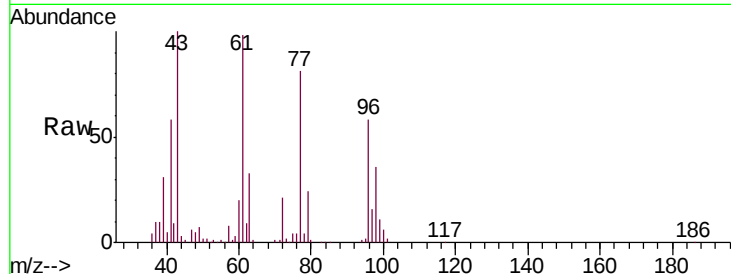


#27

cis-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

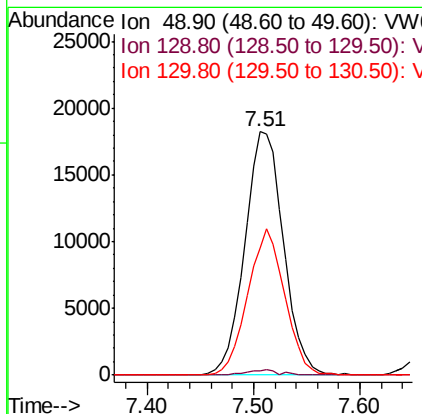
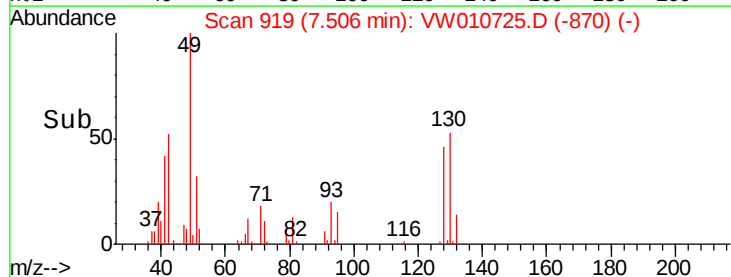
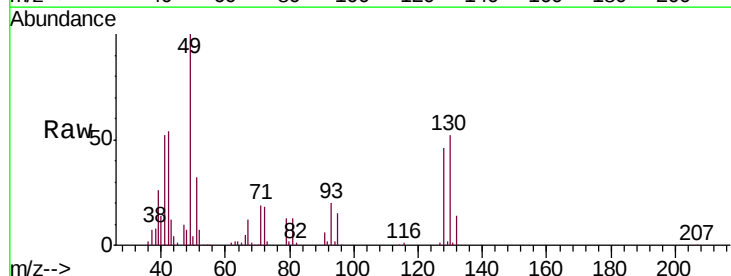
Tgt Ion: 96 Resp: 59918
Ion Ratio Lower Upper
96 100
61 169.8 0.0 336.4
98 64.8 0.0 128.0

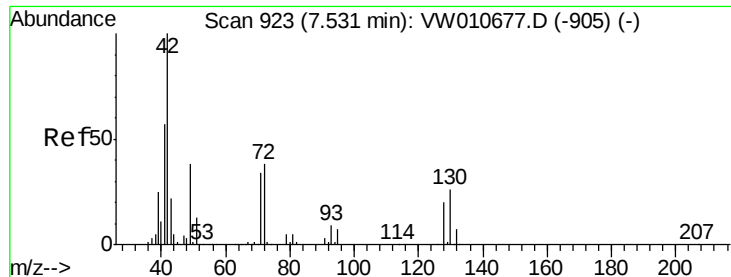


#28

Bromochloromethane
Concen: 19.685 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 49 Resp: 46404
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.2
130 57.3 48.3 72.5

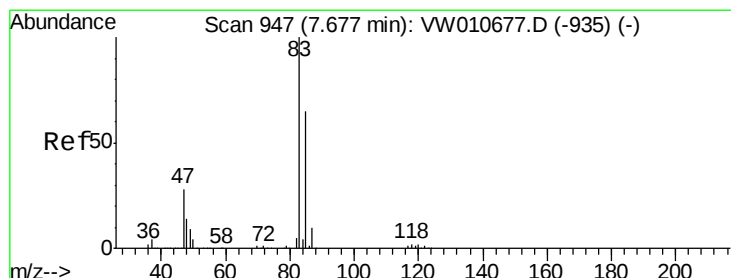
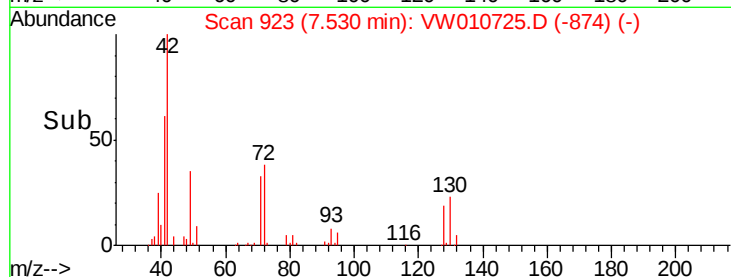
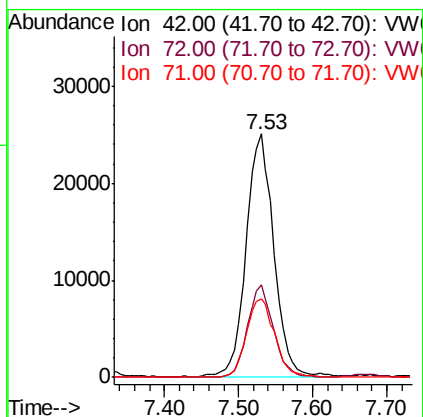
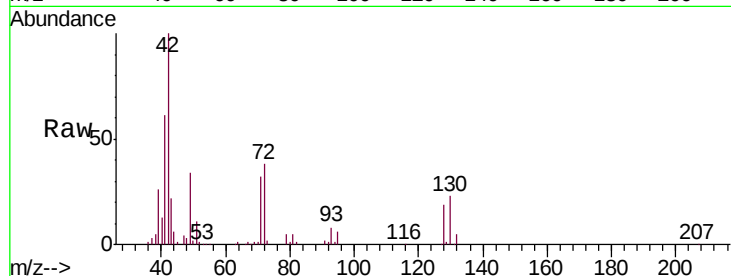




#29
Tetrahydrofuran
Concen: 95.974 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

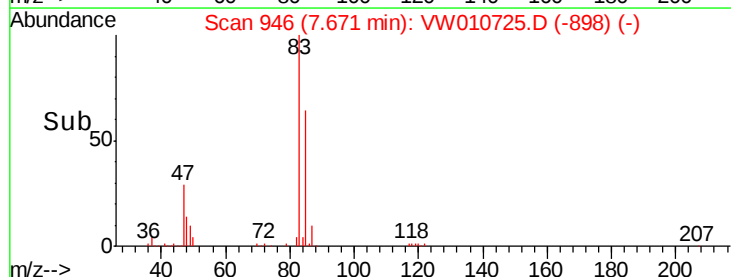
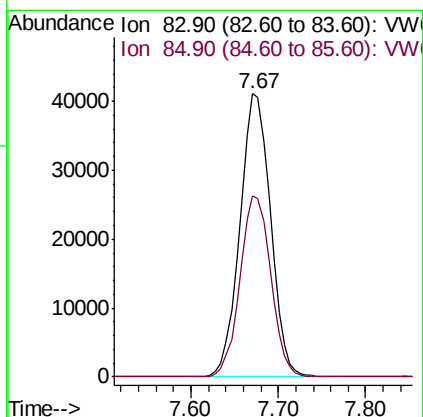
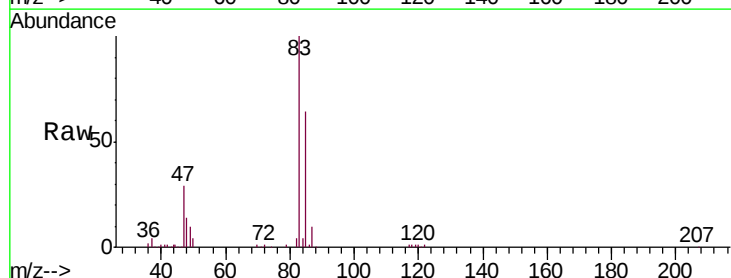
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

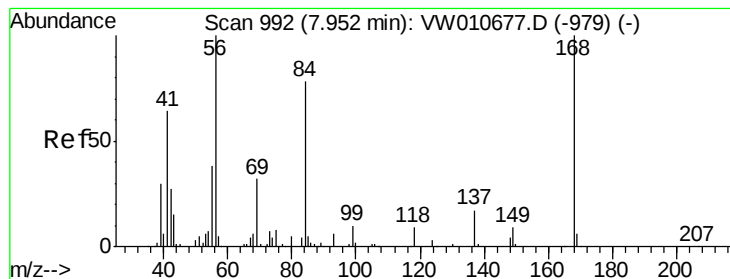
Tgt Ion: 42 Resp: 65274
Ion Ratio Lower Upper
42 100
72 35.6 28.7 43.1
71 33.1 26.6 39.8



#30
Chloroform
Concen: 20.686 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 83 Resp: 99944
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.8





#31

Cyclohexane

Concen: 19.705 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

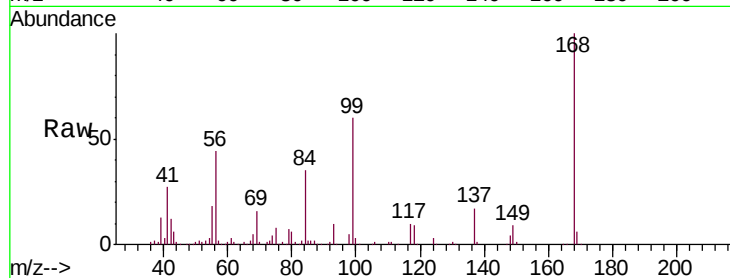
Tgt Ion: 56 Resp: 115705

Ion Ratio Lower Upper

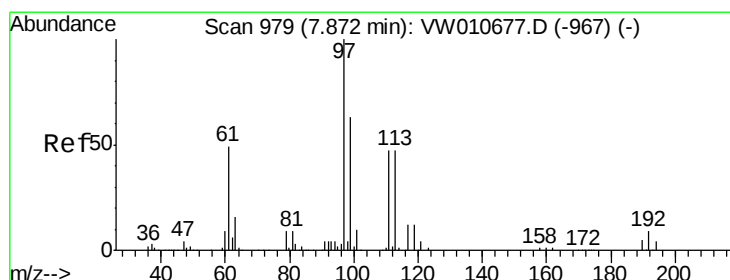
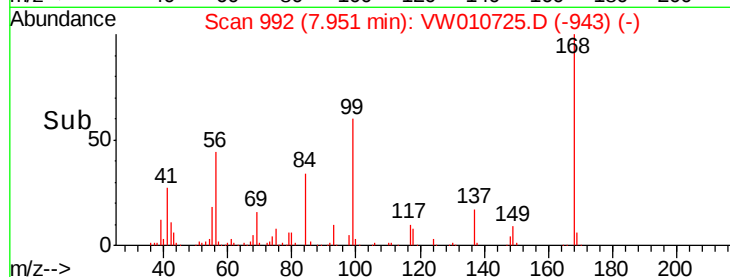
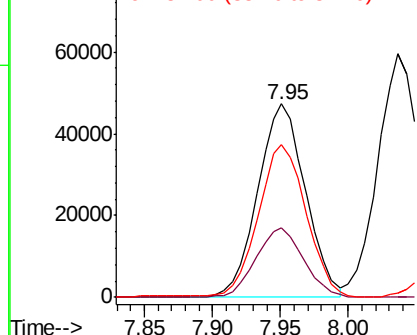
56 100

69 36.1 25.2 37.8

84 78.1 62.2 93.2



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: 20.290 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

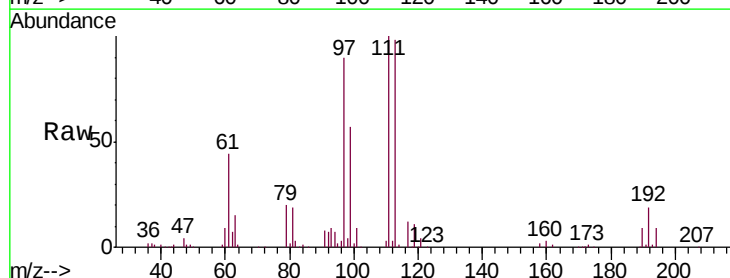
Tgt Ion: 97 Resp: 85633

Ion Ratio Lower Upper

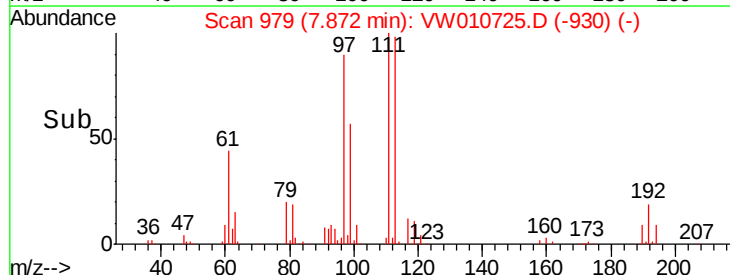
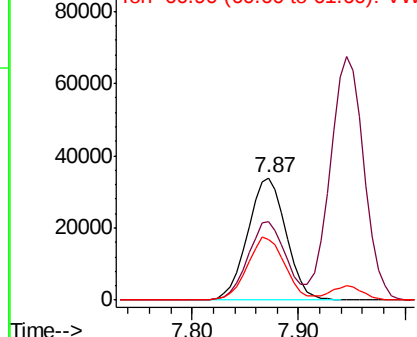
97 100

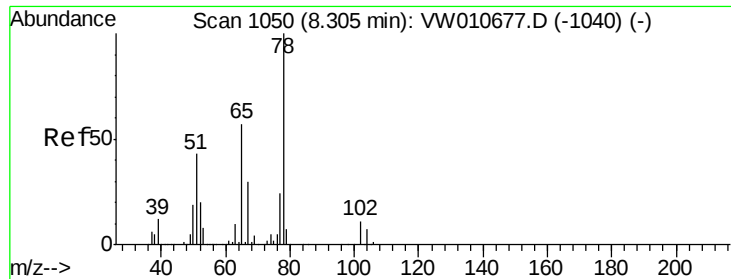
99 62.7 51.3 76.9

61 50.5 40.4 60.6



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

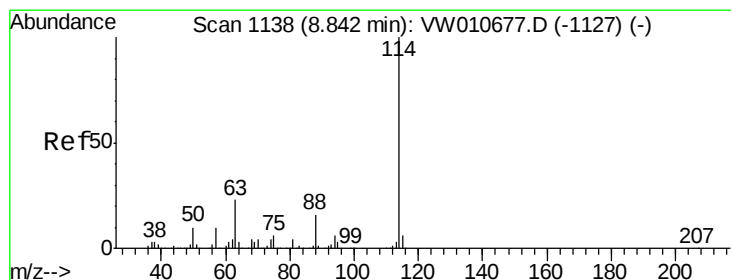
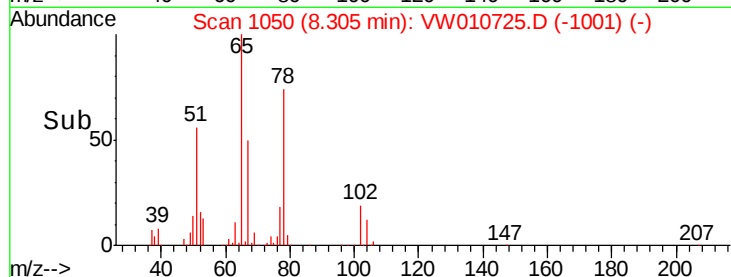
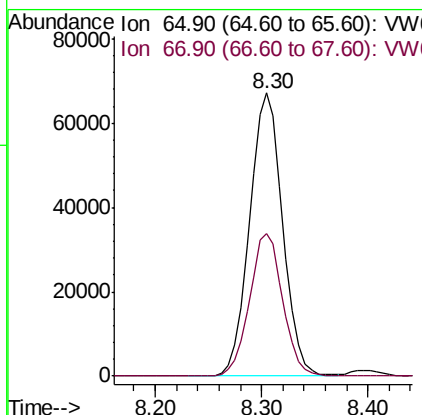
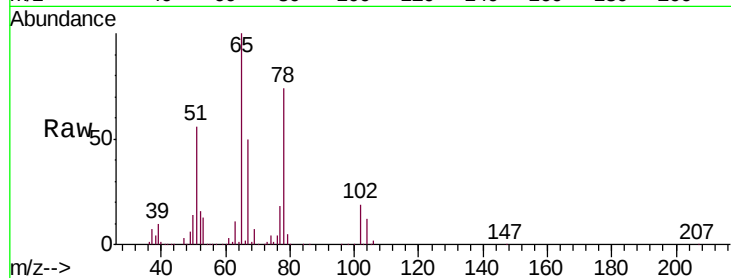




#33
 1,2-Dichloroethane-d4
 Concen: 50.051 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

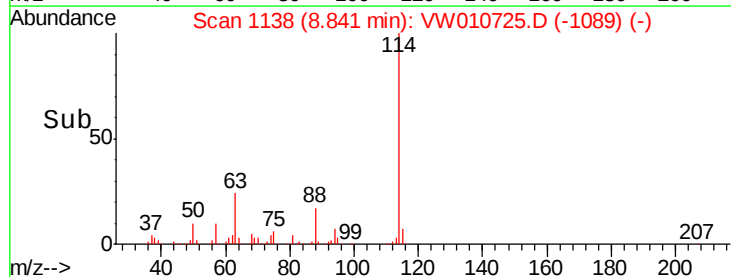
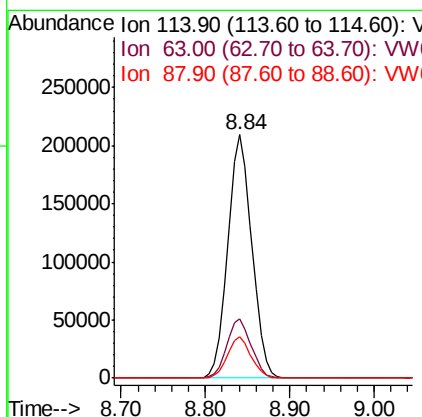
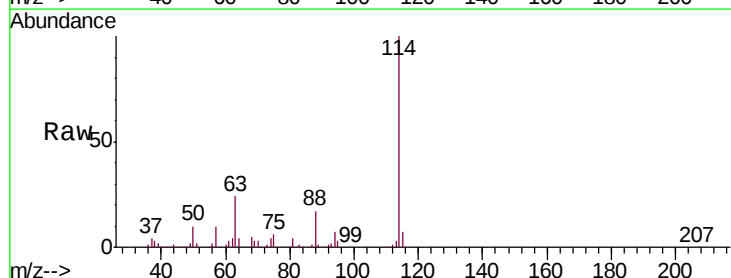
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

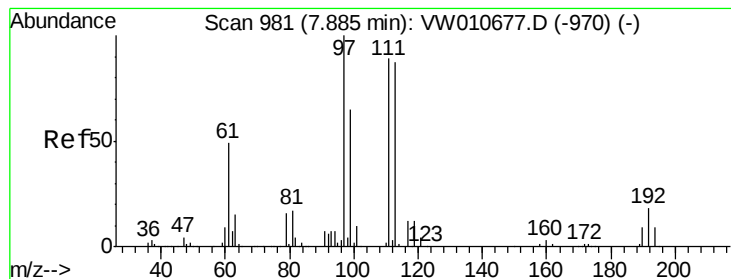
Tgt Ion: 65 Resp: 145661
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion: 114 Resp: 405597
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.4
 88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.444 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

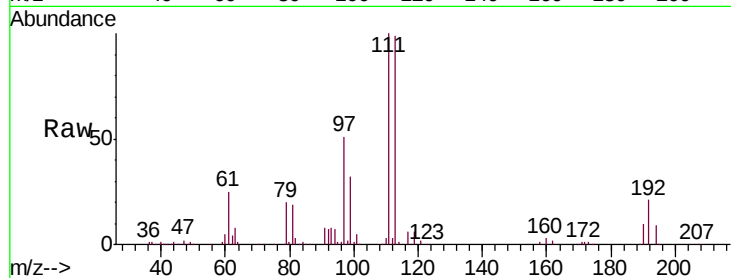
Tgt Ion:113 Resp: 111053

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

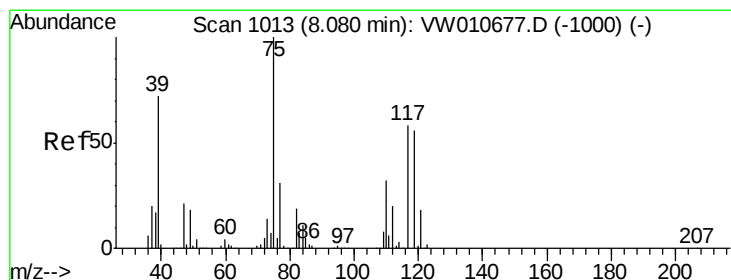
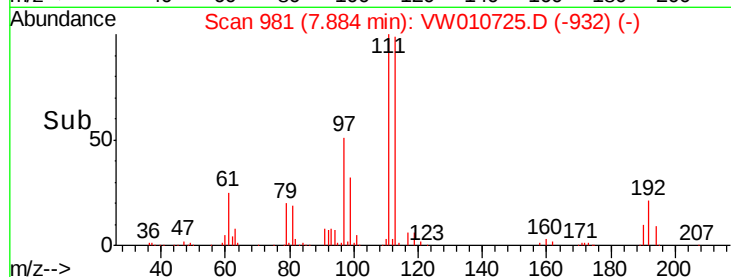
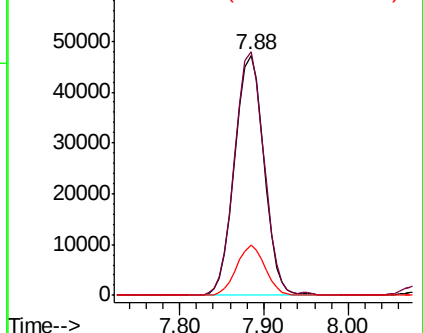
192 20.1 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.039 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

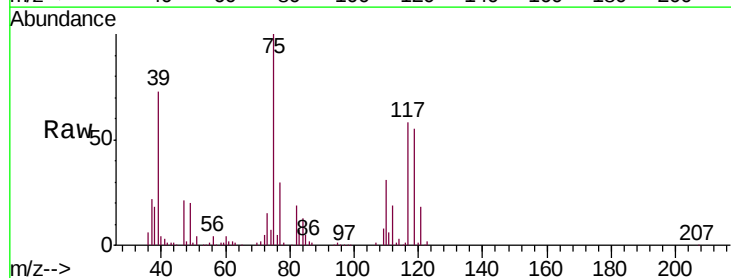
Tgt Ion: 75 Resp: 83199

Ion Ratio Lower Upper

75 100

110 31.2 15.8 47.3

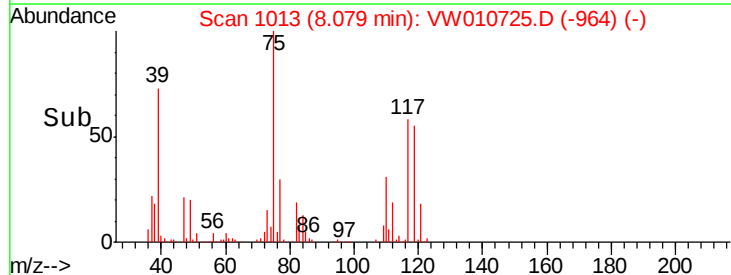
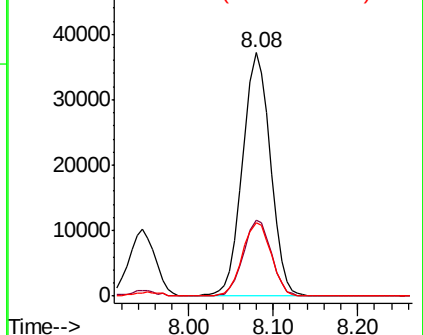
77 31.1 24.7 37.1

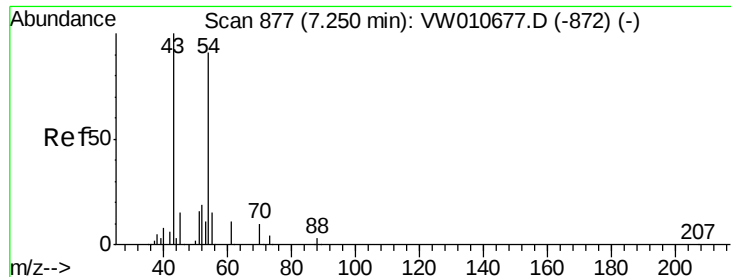


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

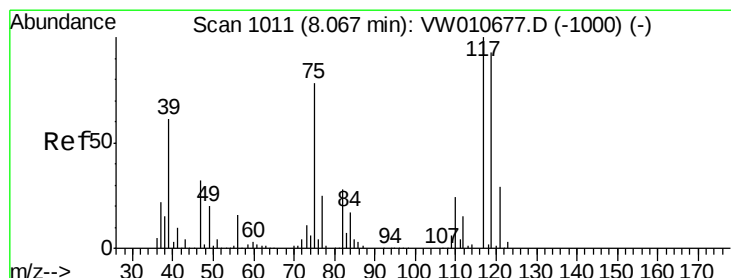
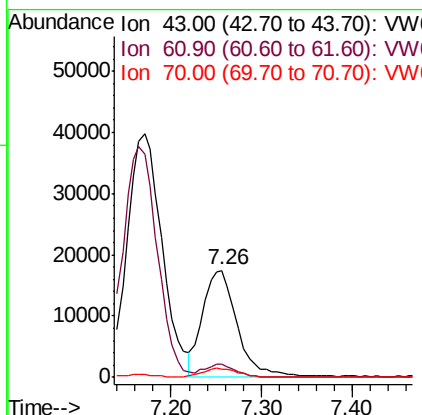
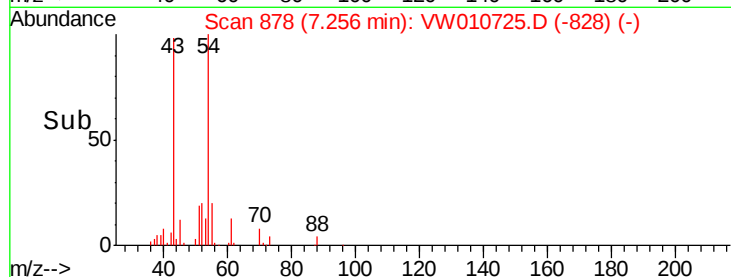
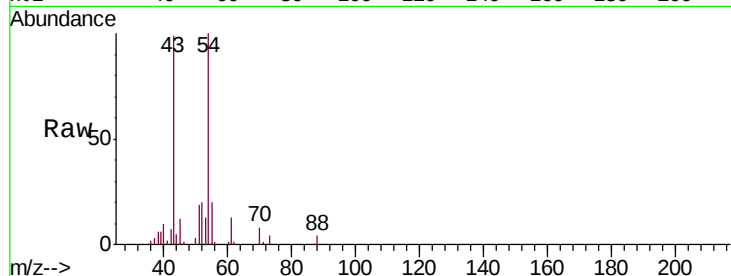




#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

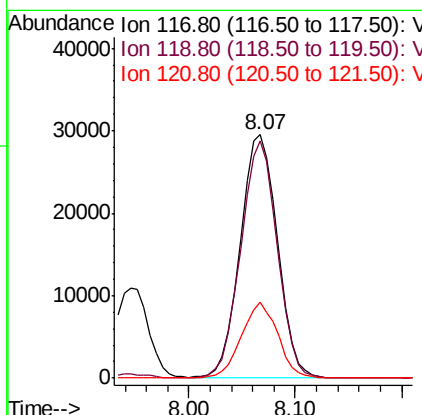
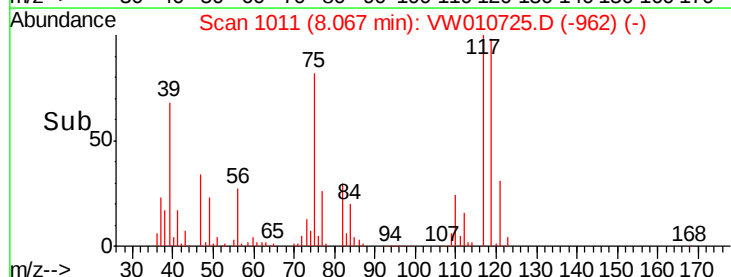
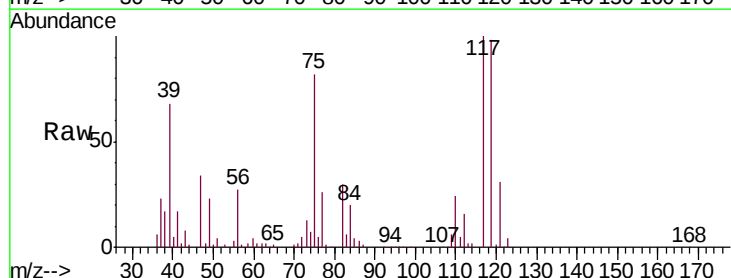
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

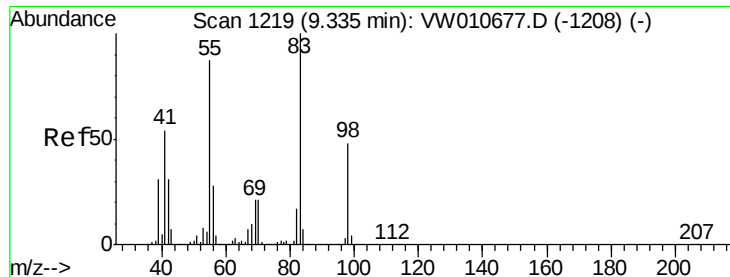
Tgt Ion: 43 Resp: 46188
Ion Ratio Lower Upper
43 100
61 11.4 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.287 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 117 Resp: 72709
Ion Ratio Lower Upper
117 100
119 97.6 74.2 111.4
121 31.1 22.9 34.3

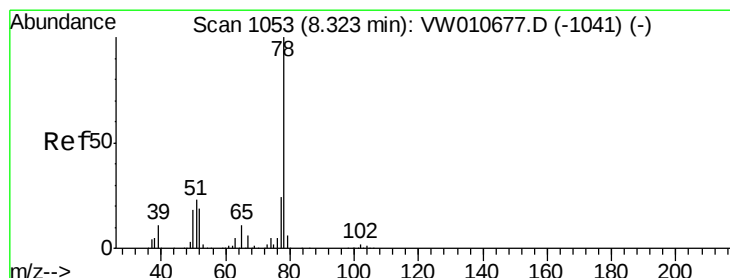
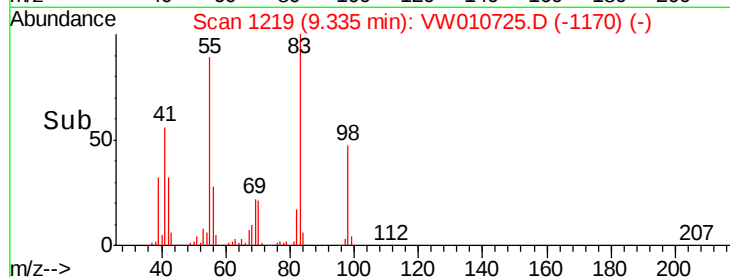
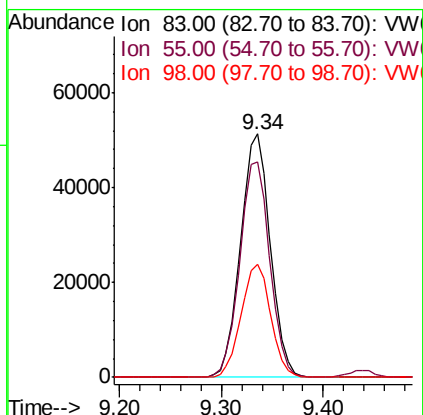
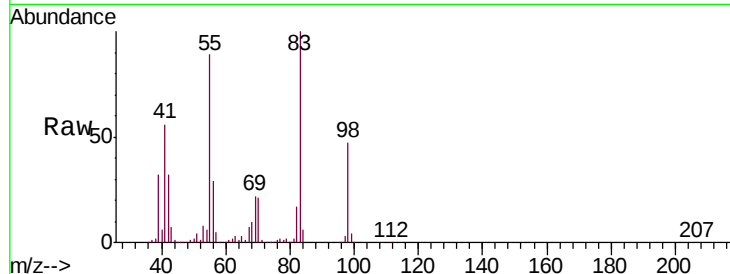




#39
Methylcyclohexane
Concen: 19.670 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

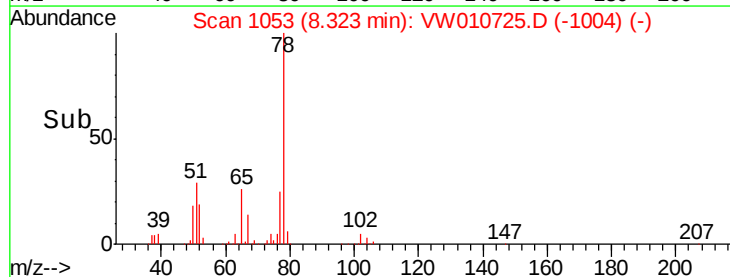
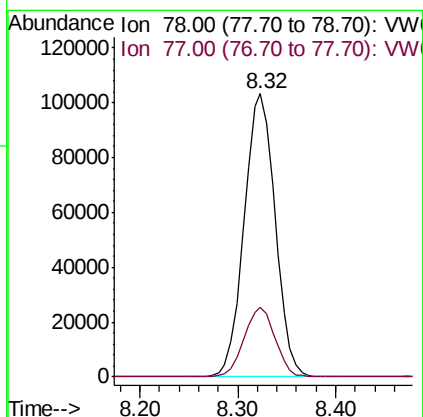
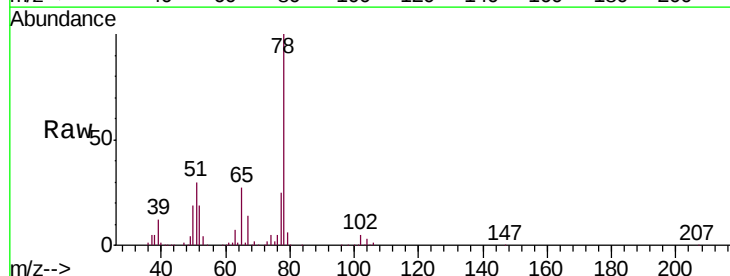
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

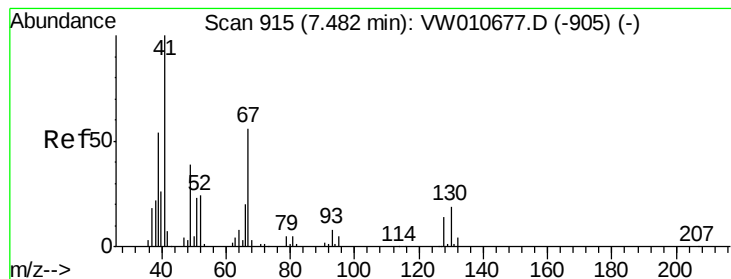
Tgt Ion: 83 Resp: 103813
Ion Ratio Lower Upper
83 100
55 88.6 70.0 105.0
98 46.6 38.1 57.1



#40
Benzene
Concen: 20.103 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 78 Resp: 227691
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7





#41

Methacrylonitrile

Concen: 19.460 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tgt Ion: 41 Resp: 26612

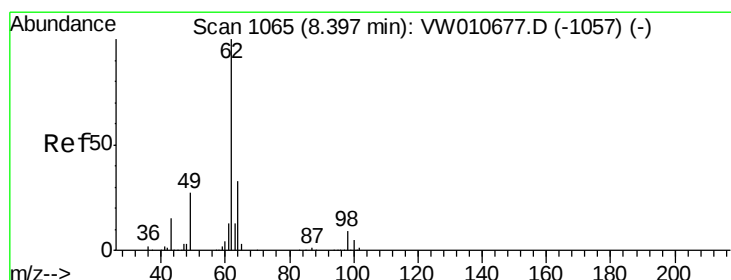
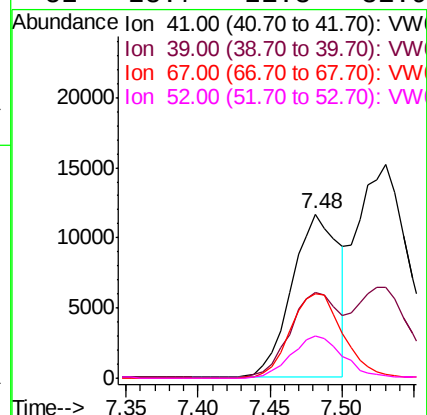
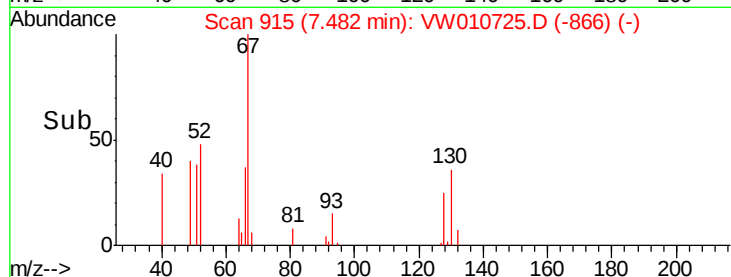
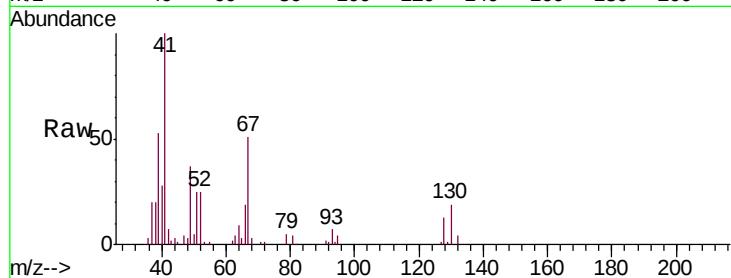
Ion Ratio Lower Upper

41 100

39 52.8 47.3 70.9

67 57.9 47.2 70.8

52 28.7 21.3 31.9



#42

1,2-Dichloroethane

Concen: 20.799 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010725.D

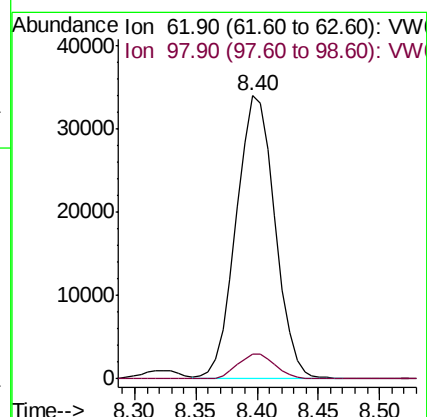
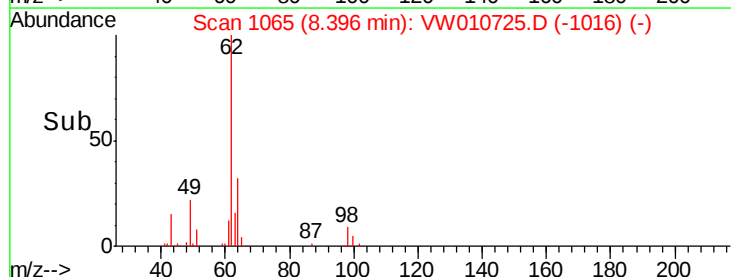
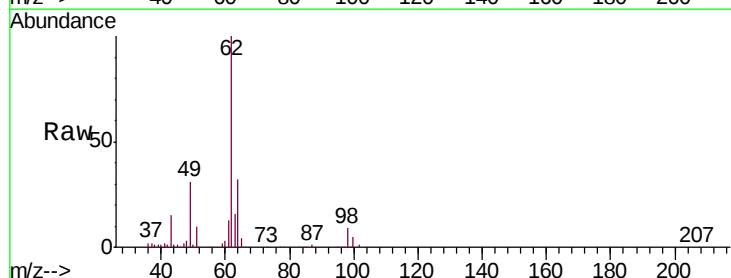
Acq: 07 Jun 2019 13:30

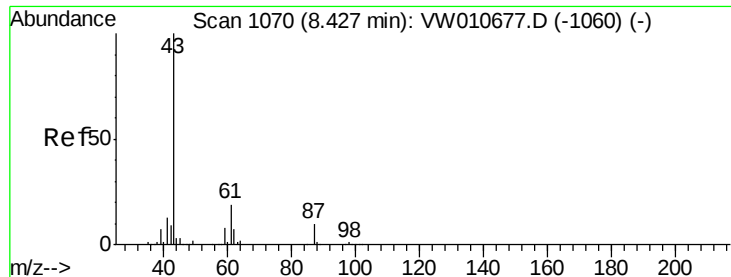
Tgt Ion: 62 Resp: 74765

Ion Ratio Lower Upper

62 100

98 8.5 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.651 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

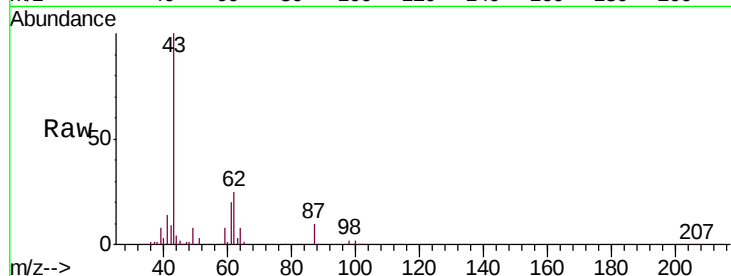
Tgt Ion: 43 Resp: 87342

Ion Ratio Lower Upper

43 100

61 25.9 21.2 31.8

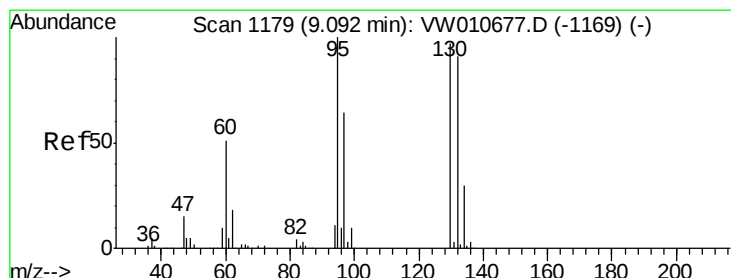
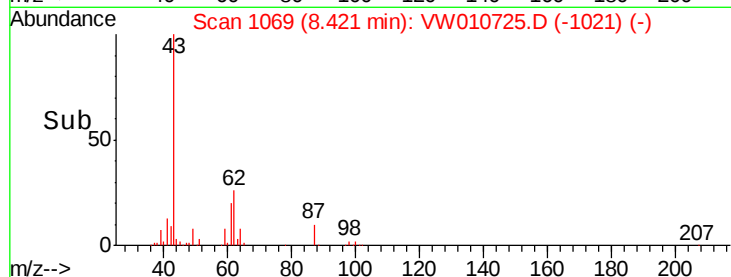
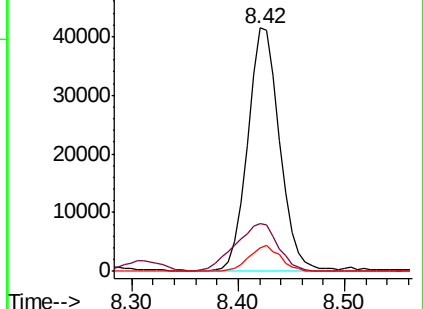
87 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.924 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010725.D

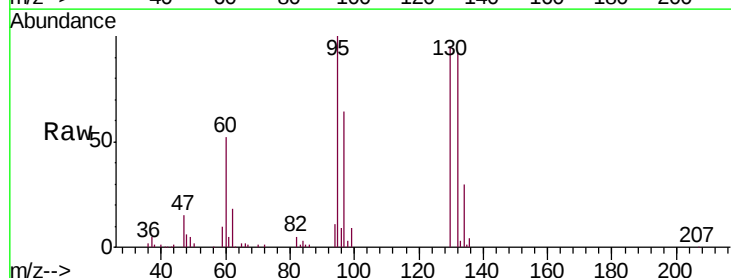
Acq: 07 Jun 2019 13:30

Tgt Ion: 130 Resp: 55666

Ion Ratio Lower Upper

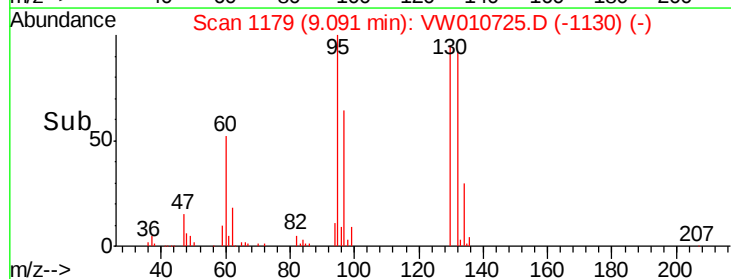
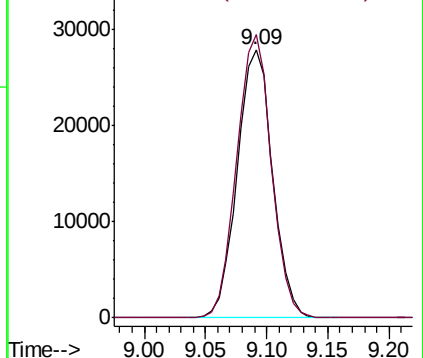
130 100

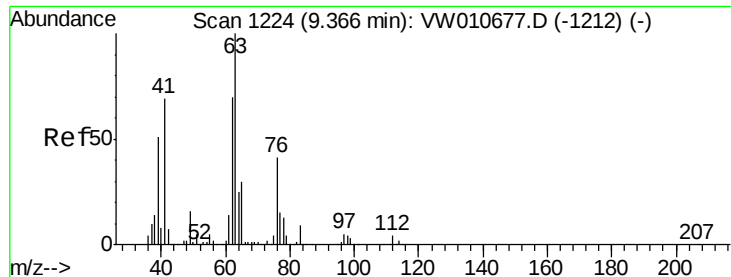
95 105.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.507 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

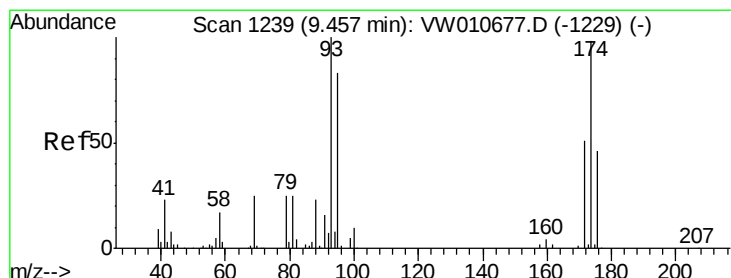
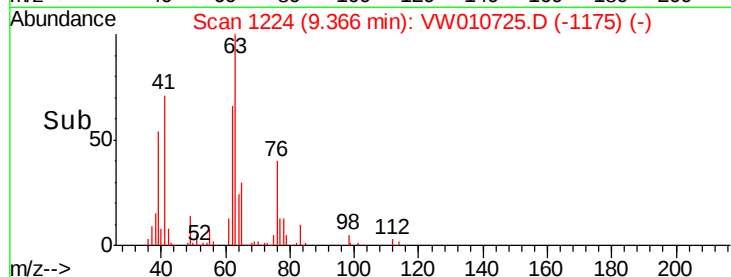
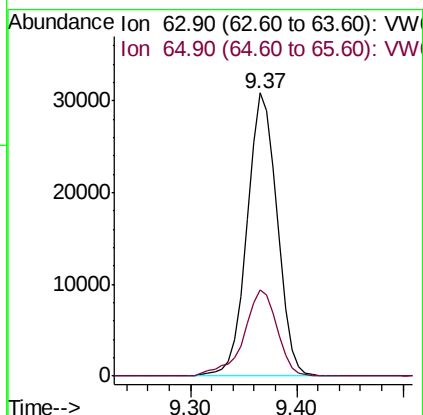
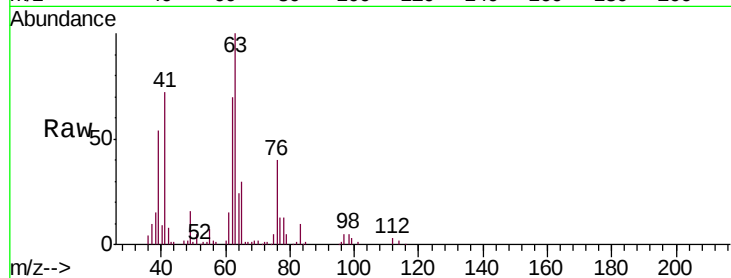
VW0607SBS01

Tgt Ion: 63 Resp: 61484

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 20.202 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

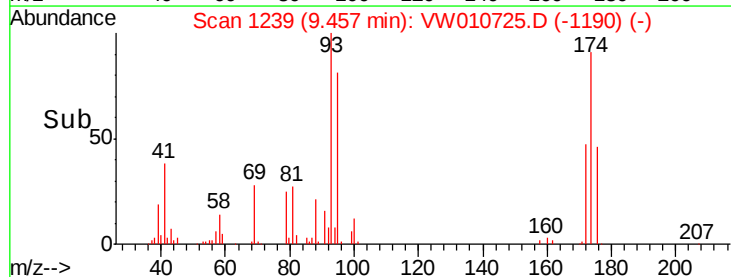
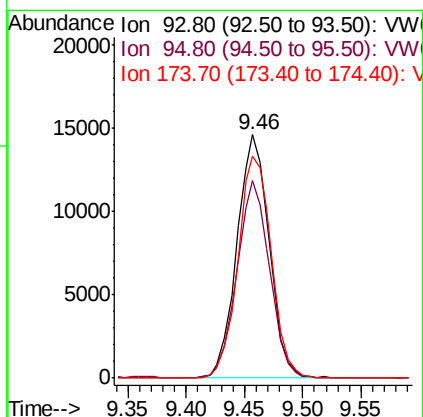
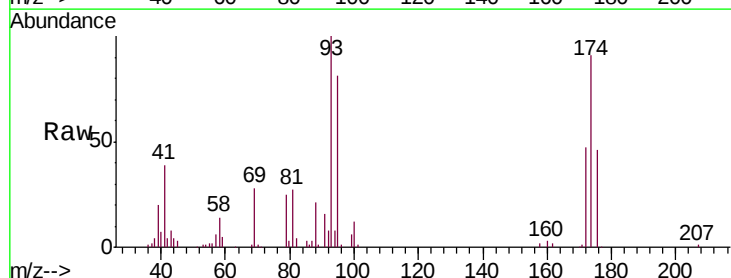
Tgt Ion: 93 Resp: 28133

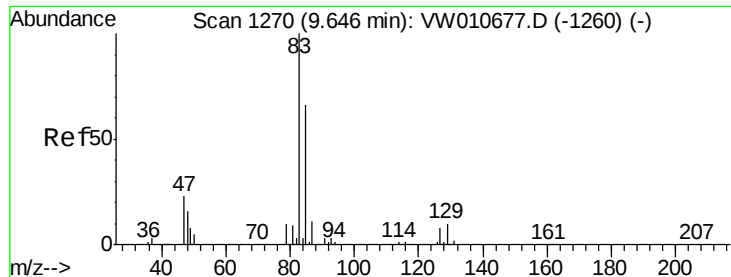
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.8

174 94.1 77.4 116.0

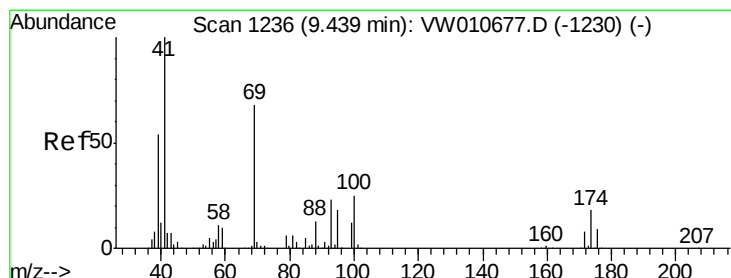
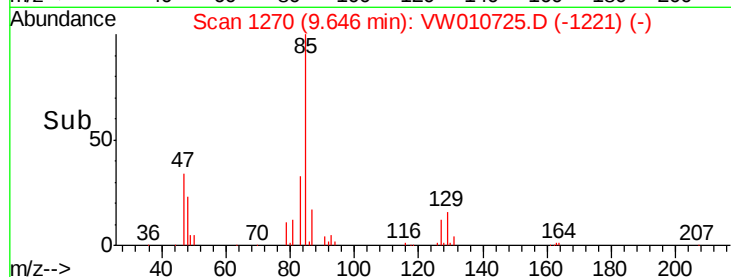
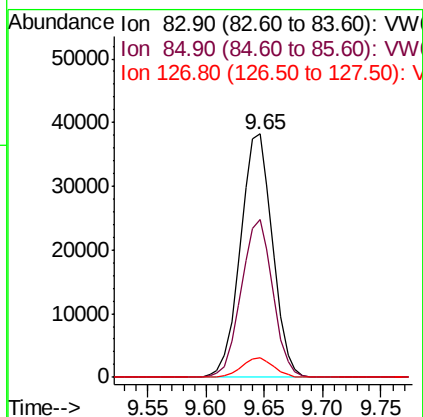
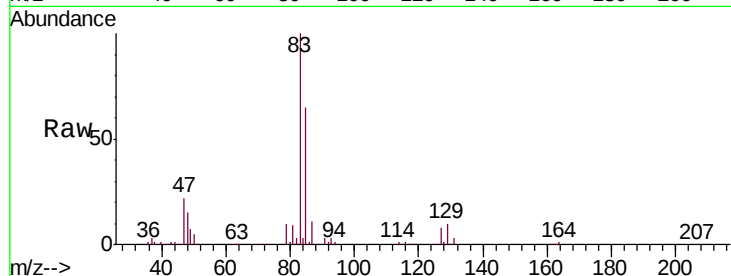




#47
Bromodichloromethane
Concen: 20.383 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

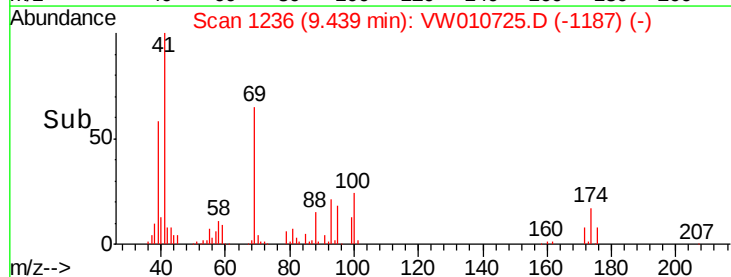
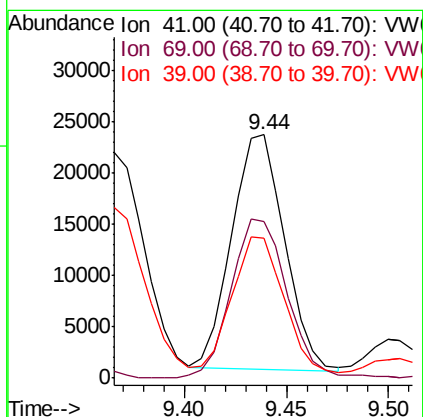
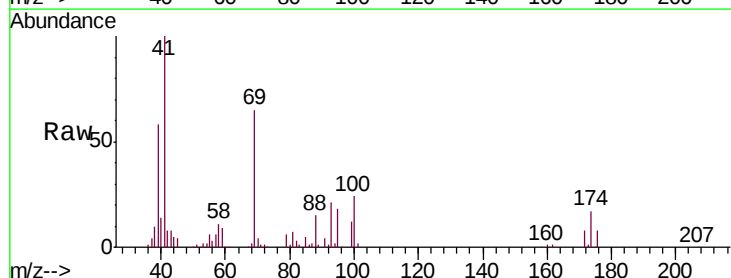
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

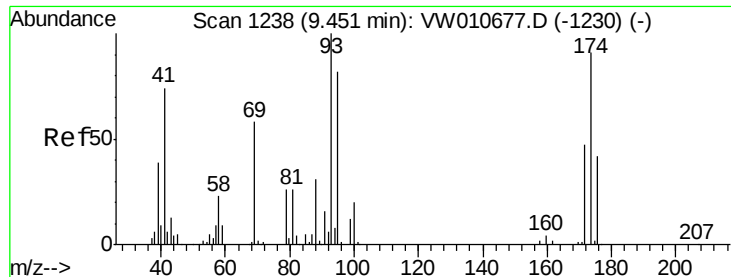
Tgt Ion: 83 Resp: 73579
Ion Ratio Lower Upper
83 100
85 64.6 53.0 79.4
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 19.249 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 41 Resp: 41250
Ion Ratio Lower Upper
41 100
69 72.2 56.6 85.0
39 56.9 44.4 66.6

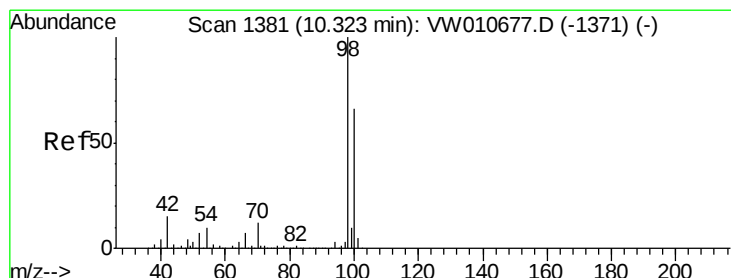
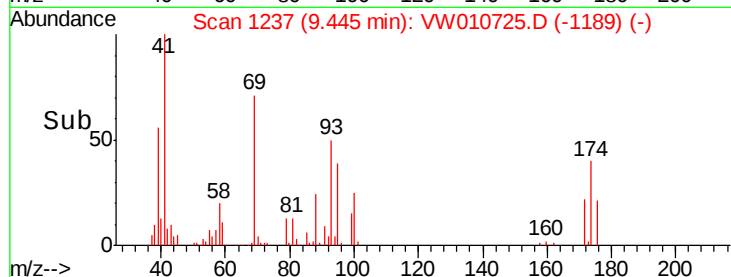
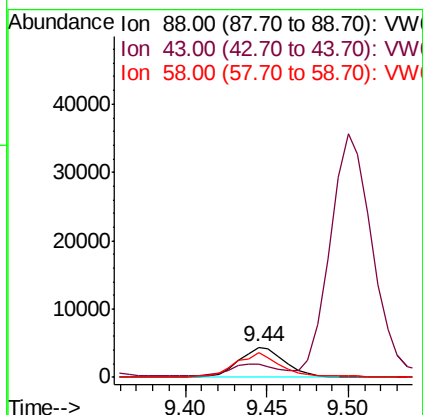
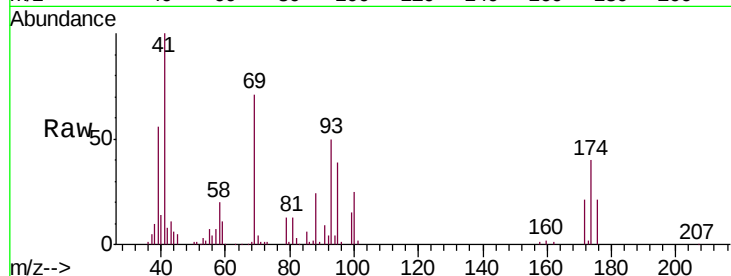




#49
1,4-Dioxane
Concen: 391.413 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

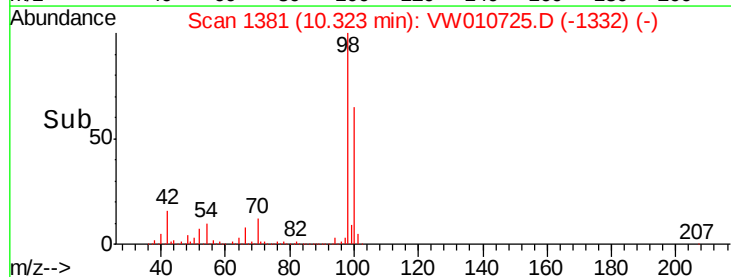
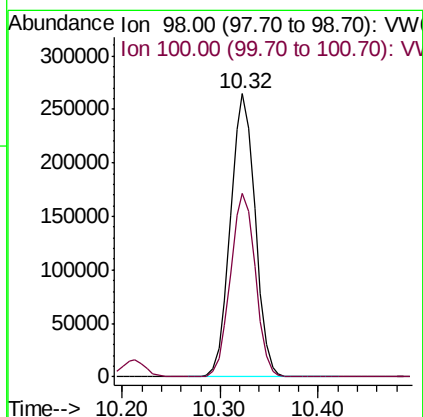
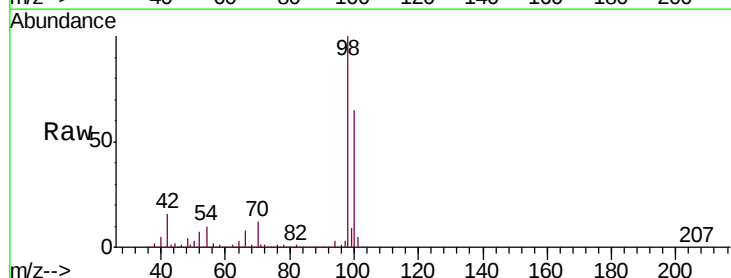
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

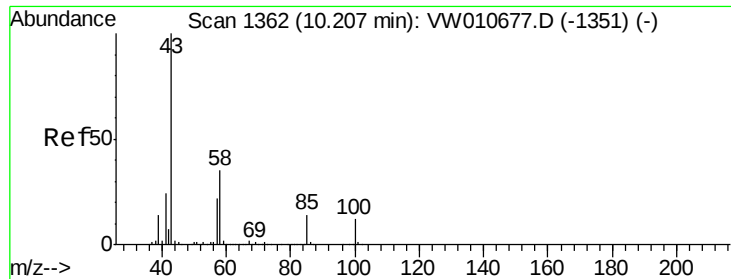
Tgt Ion: 88 Resp: 8522
Ion Ratio Lower Upper
88 100
43 42.2 34.2 51.4
58 82.4 69.0 103.4



#50
Toluene-d8
Concen: 48.040 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 98 Resp: 463772
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 97.927 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

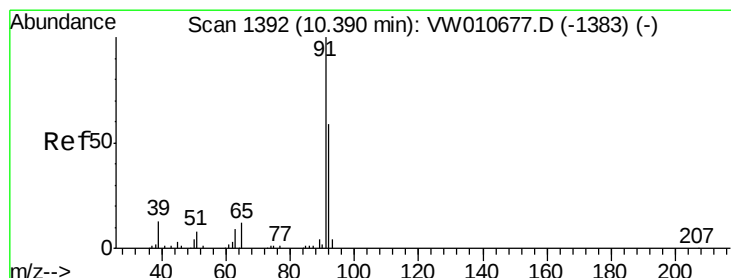
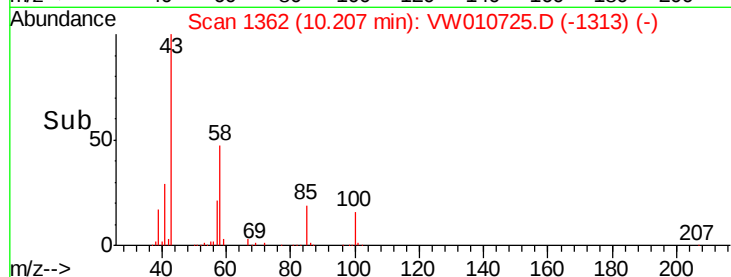
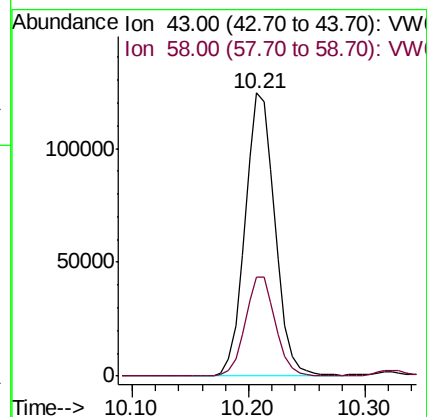
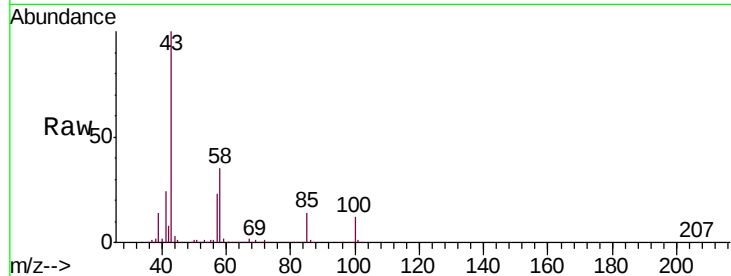
VW0607SBS01

Tgt Ion: 43 Resp: 222362

Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



#52

Toluene

Concen: 20.057 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010725.D

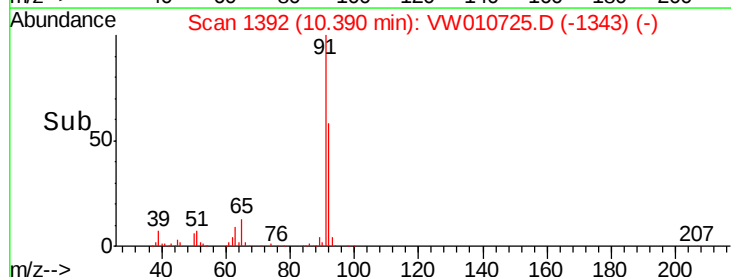
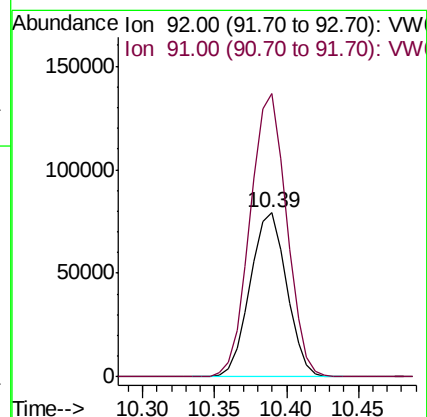
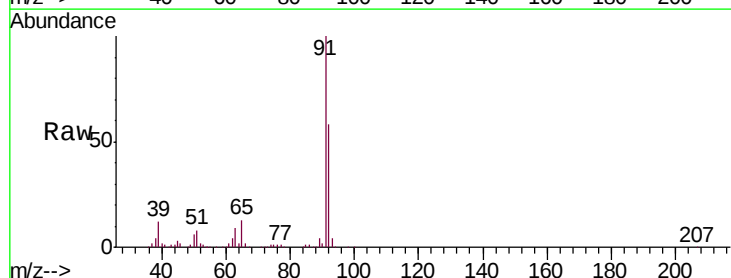
Acq: 07 Jun 2019 13:30

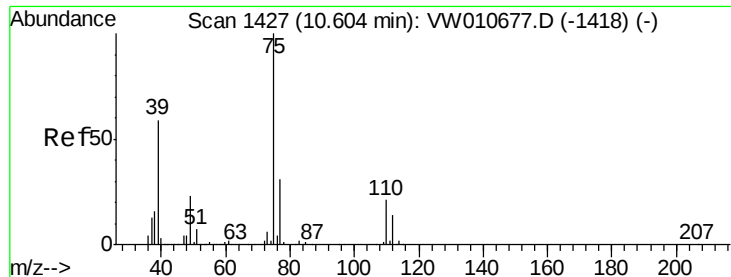
Tgt Ion: 92 Resp: 139772

Ion Ratio Lower Upper

92 100

91 171.7 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 19.892 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

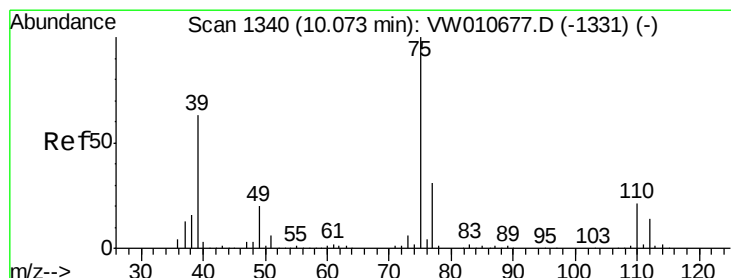
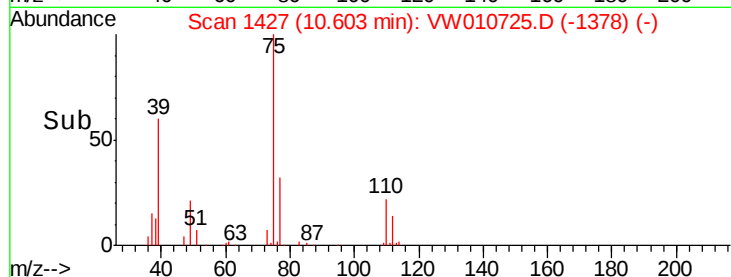
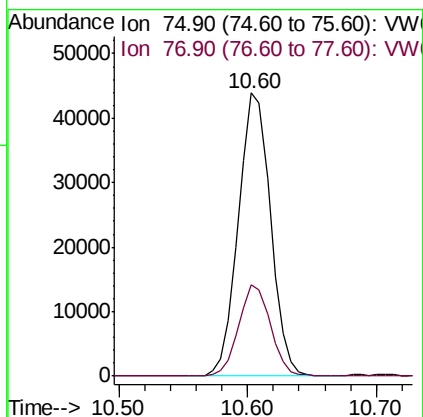
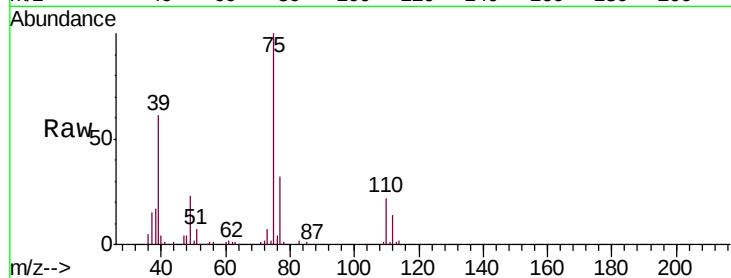
VW0607SBS01

Tgt Ion: 75 Resp: 76055

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.056 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

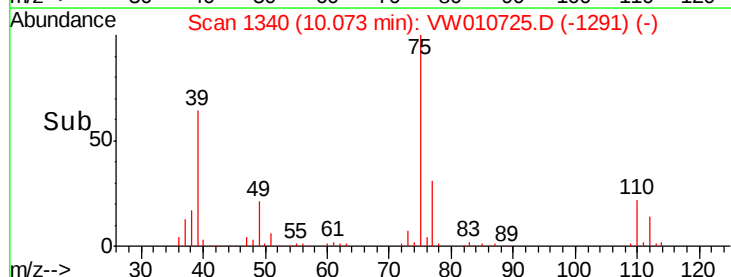
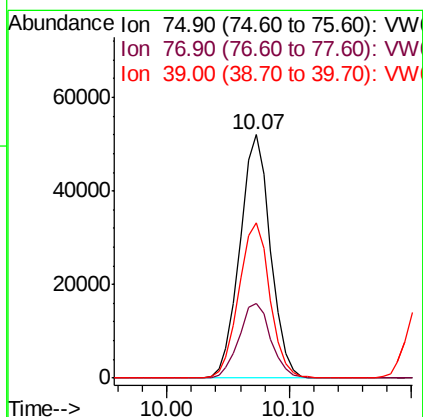
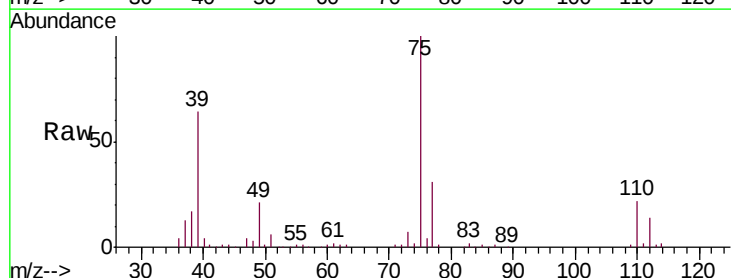
Tgt Ion: 75 Resp: 90236

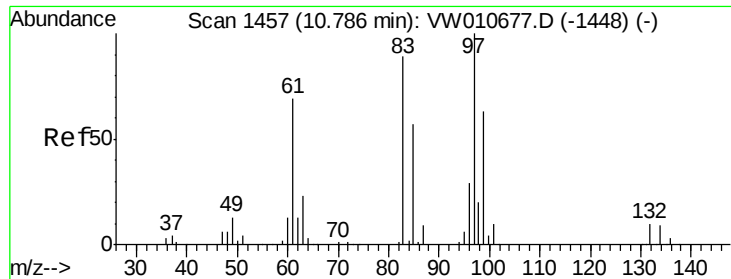
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 63.7 50.1 75.1

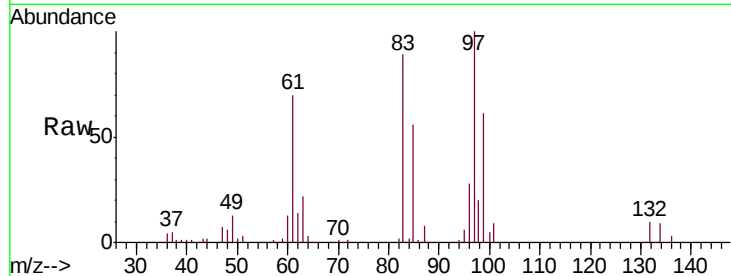




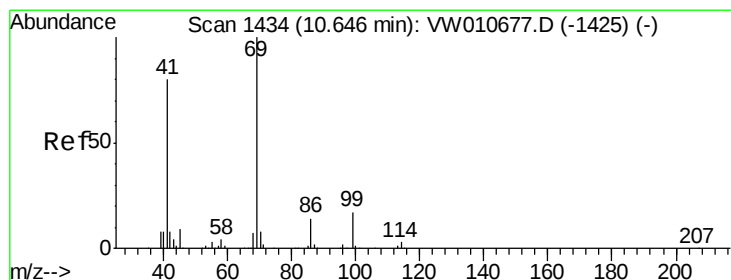
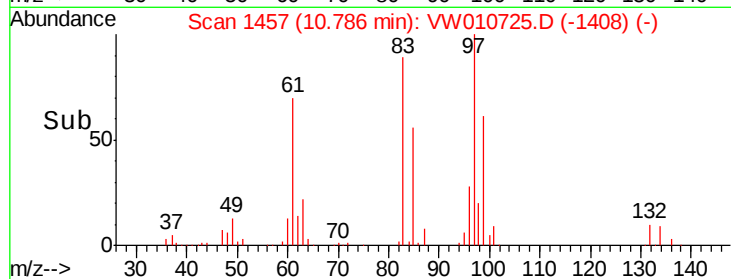
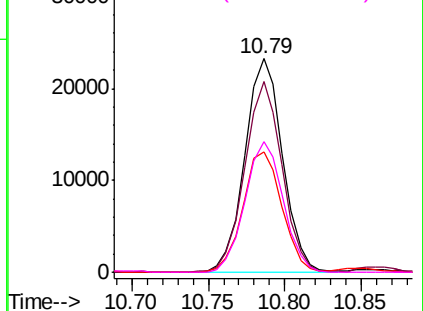
#55
 1,1,2-Trichloroethane
 Concen: 19.851 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tgt Ion:	97	Resp:	39824
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.1	106.7
85	56.3	45.2	67.8
99	61.2	50.0	75.0

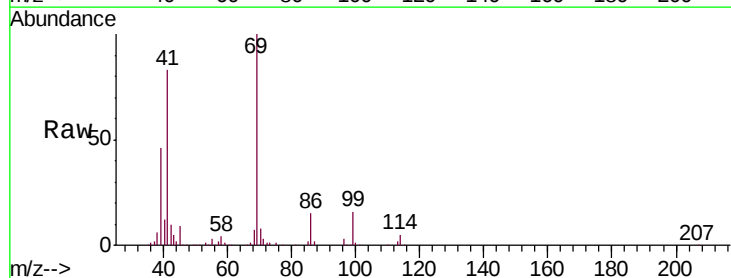


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

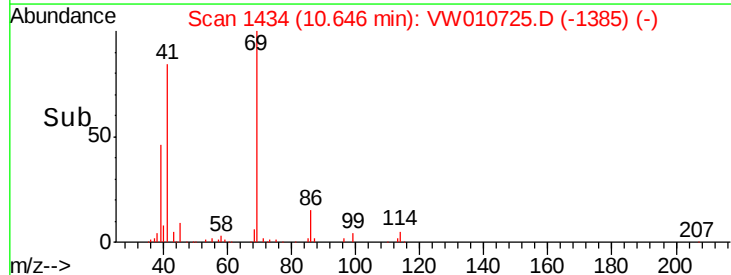
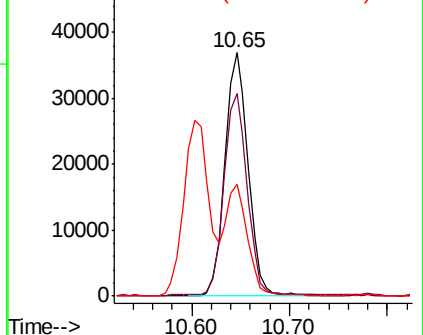


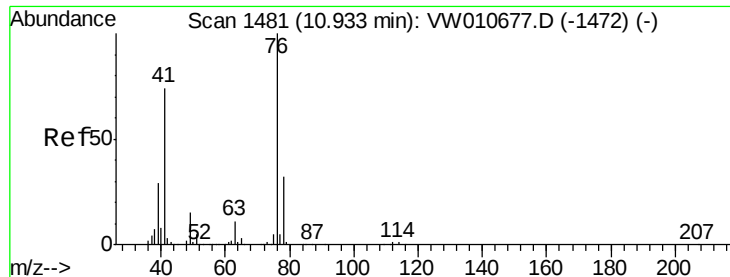
#56
 Ethyl methacrylate
 Concen: 19.706 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion:	69	Resp:	60832
Ion	Ratio	Lower	Upper
69	100		
41	82.2	64.8	97.2
39	42.7	32.2	48.2



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





#57

1,3-Dichloropropane

Concen: 20.057 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

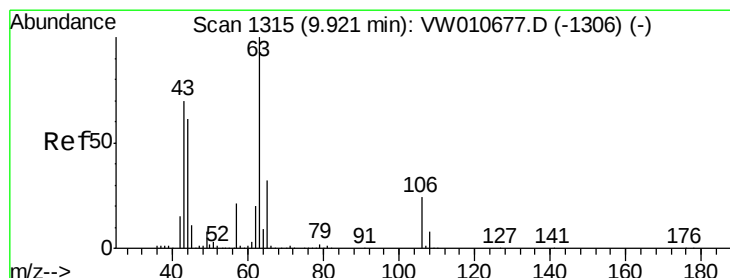
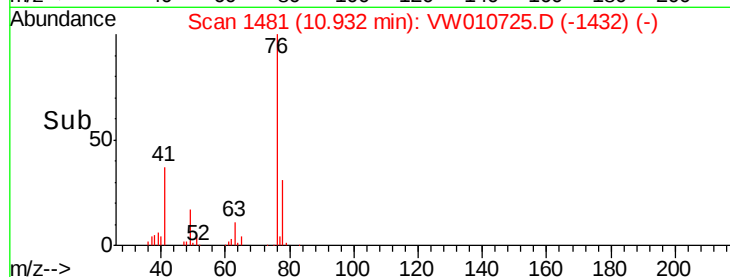
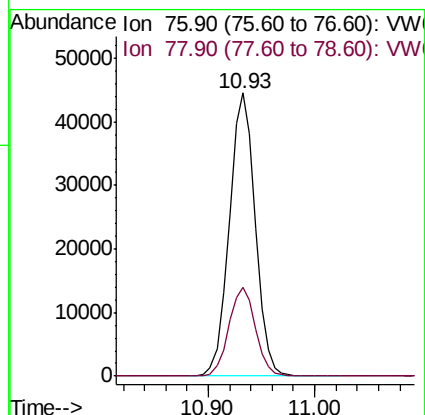
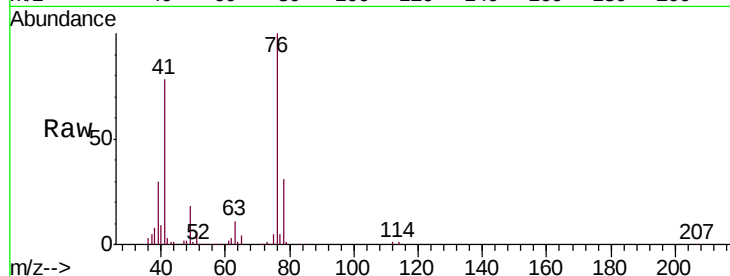
VW0607SBS01

Tgt Ion: 76 Resp: 75830

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 100.973 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW010725.D

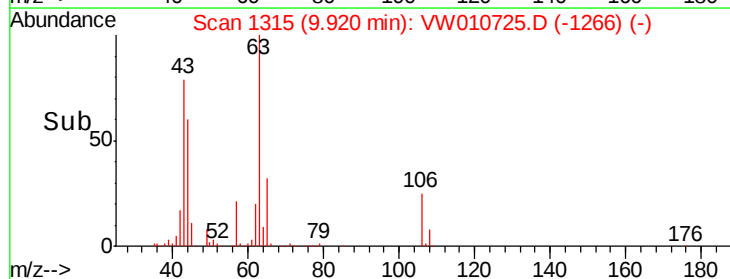
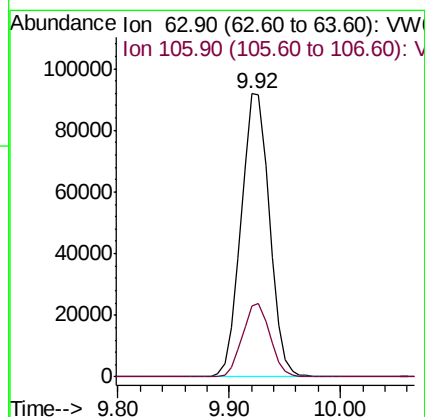
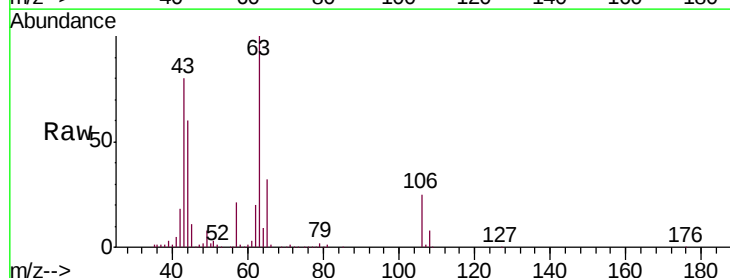
Acq: 07 Jun 2019 13:30

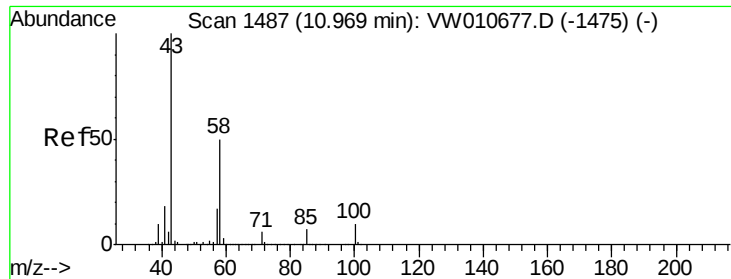
Tgt Ion: 63 Resp: 163260

Ion Ratio Lower Upper

63 100

106 25.3 20.1 30.1

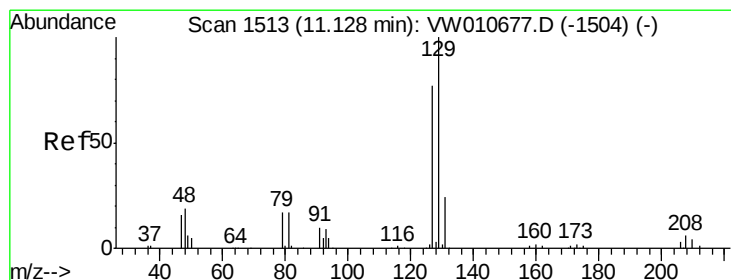
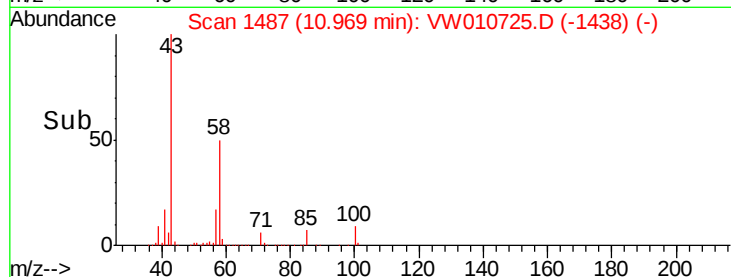
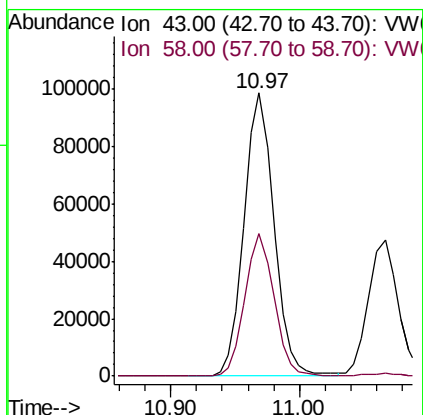
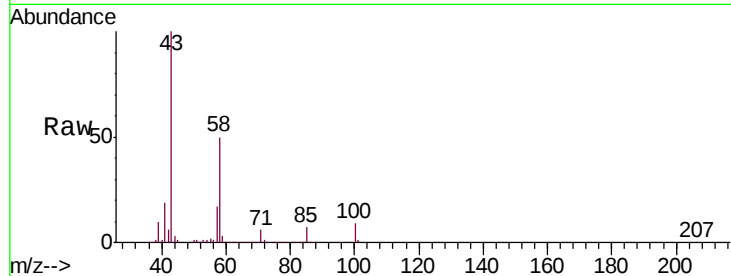




#59
2-Hexanone
Concen: 96.302 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

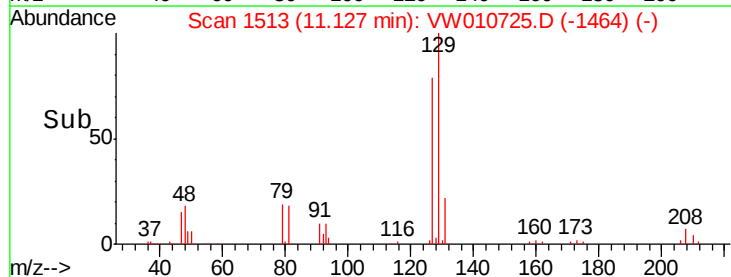
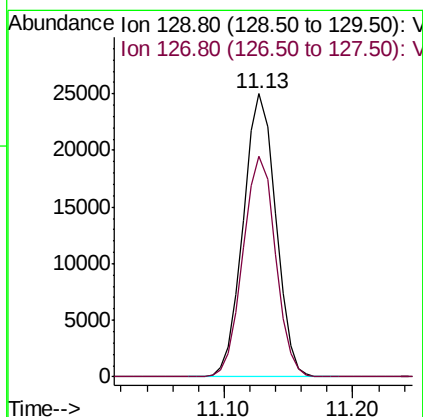
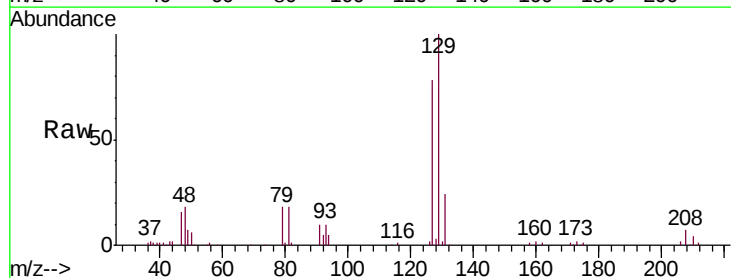
Instrument :
MSVOA_W
ClientSampled :
VW0607SBS01

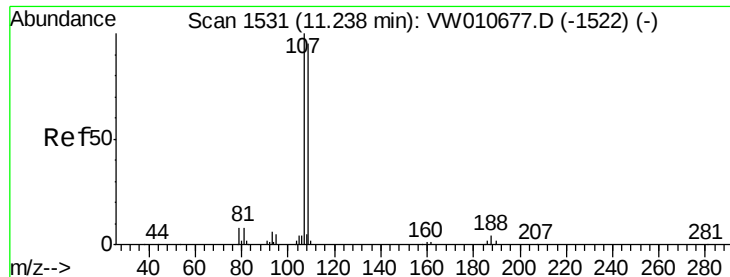
Tgt Ion: 43 Resp: 158039
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6



#60
Dibromochloromethane
Concen: 19.644 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 129 Resp: 43687
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.042 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

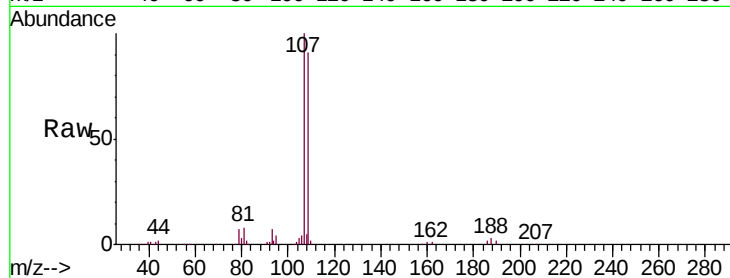
VW0607SBS01

Tgt Ion: 107 Resp: 38095

Ion Ratio Lower Upper

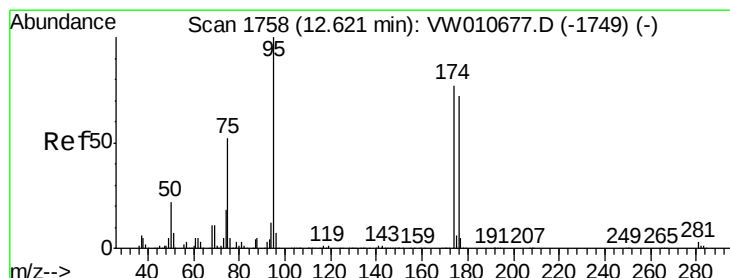
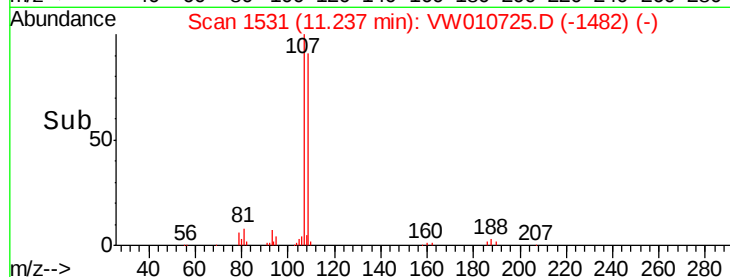
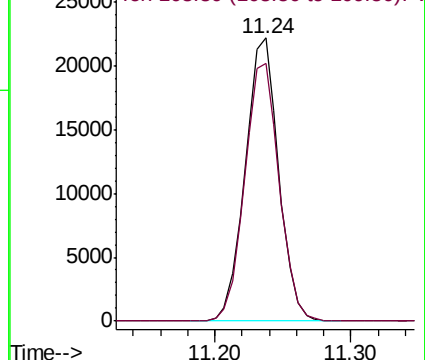
107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.697 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

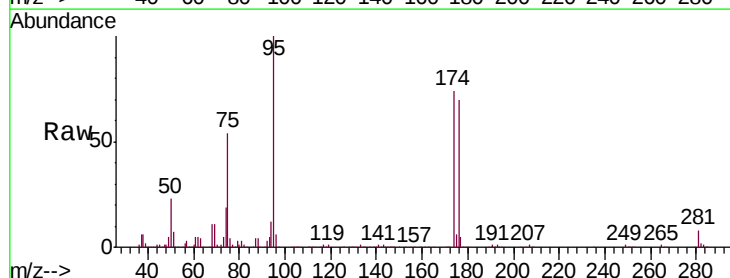
Tgt Ion: 95 Resp: 171069

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.4

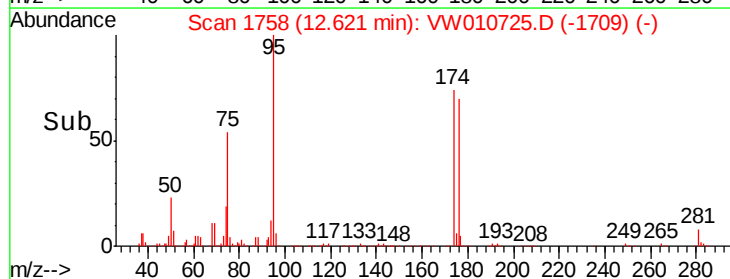
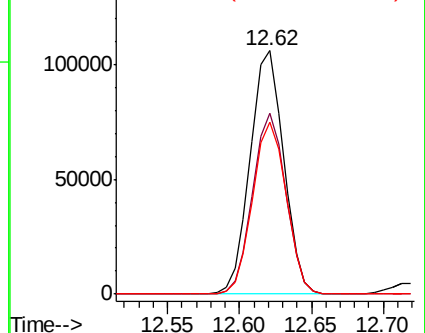
176 70.8 0.0 144.8

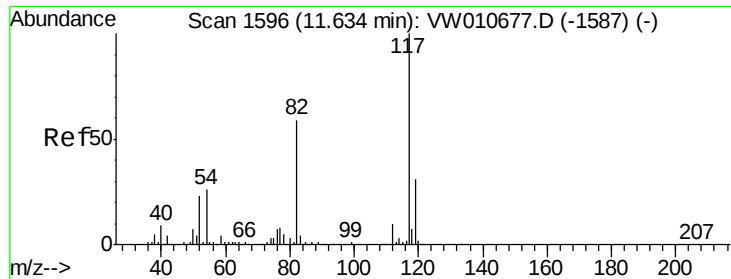


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

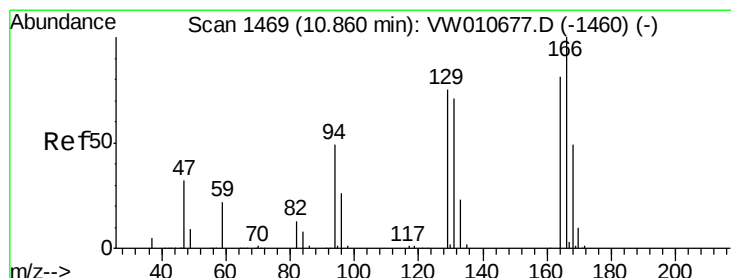
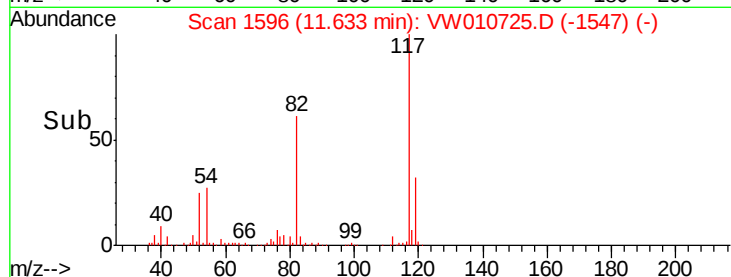
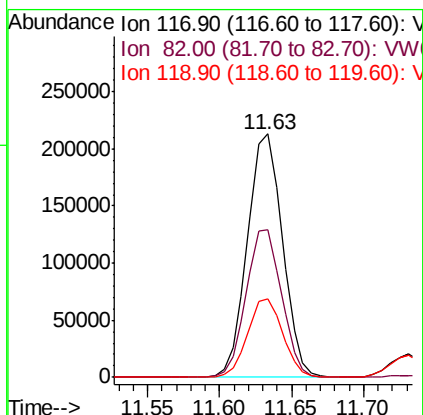
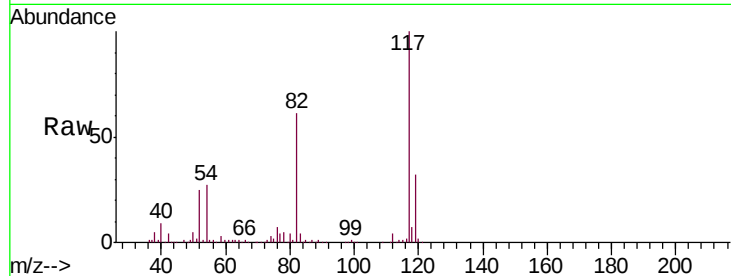




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

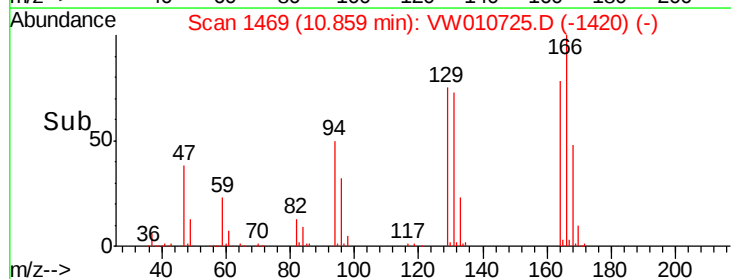
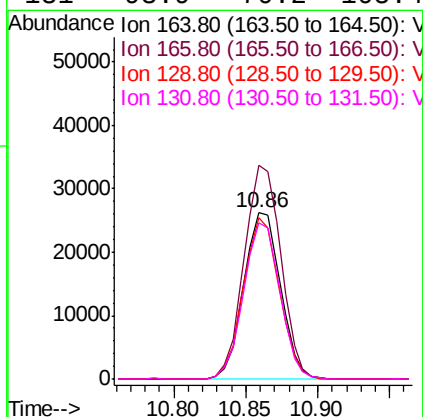
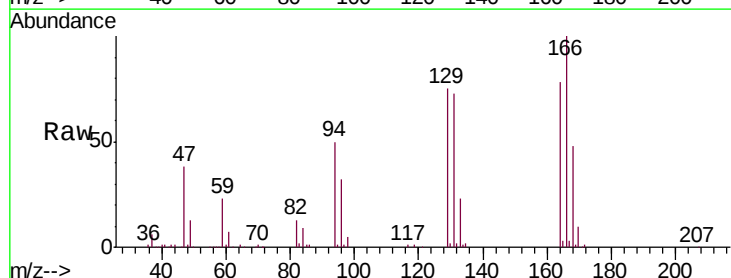
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

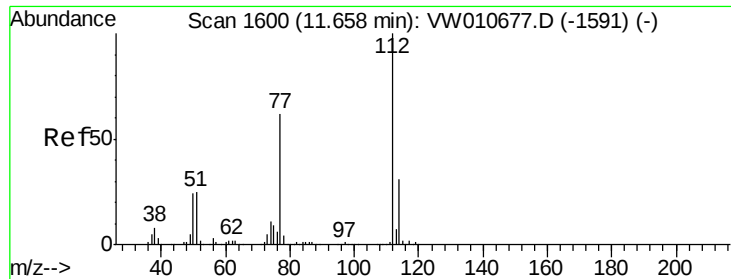
Tgt Ion:117 Resp: 360200
Ion Ratio Lower Upper
117 100
82 60.6 47.0 70.4
119 32.4 25.1 37.7



#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:164 Resp: 46344
Ion Ratio Lower Upper
164 100
166 128.4 99.2 148.8
129 96.9 74.6 112.0
131 93.9 70.2 105.4

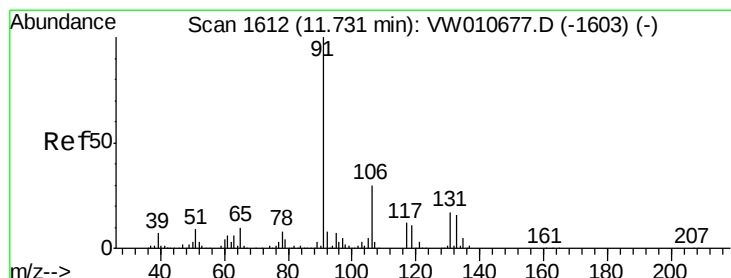
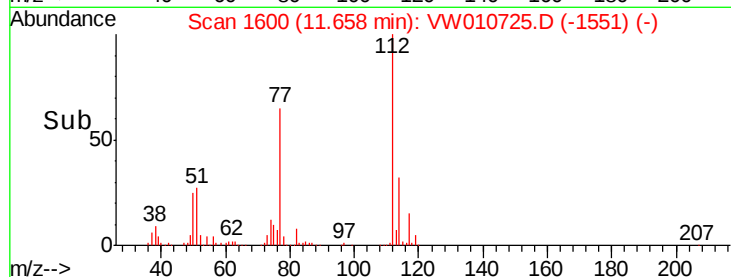
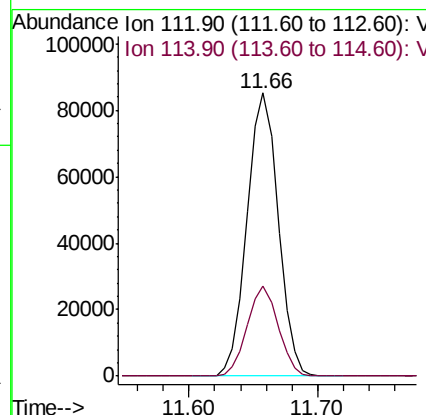
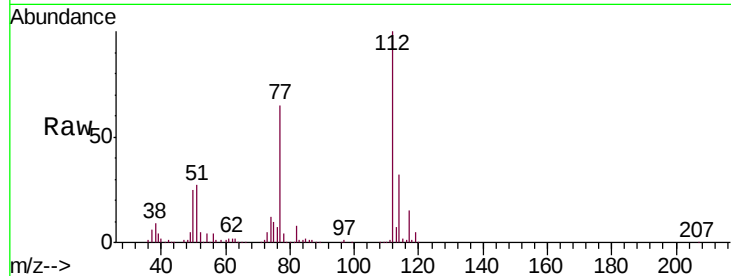




#65
Chlorobenzene
Concen: 20.114 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

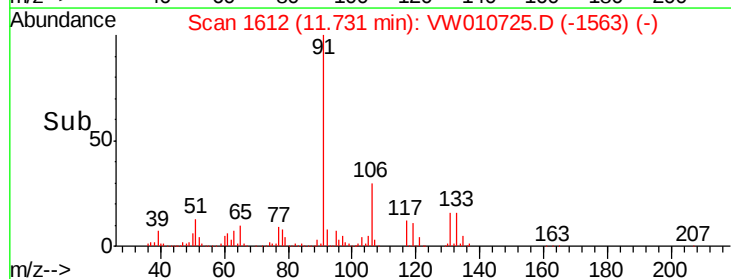
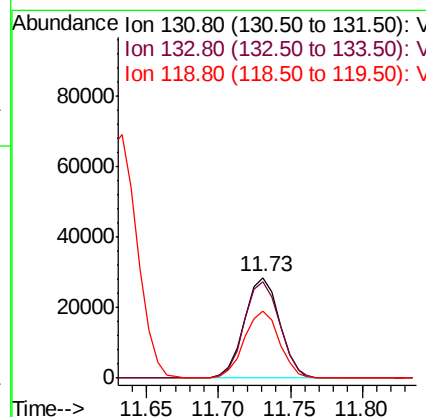
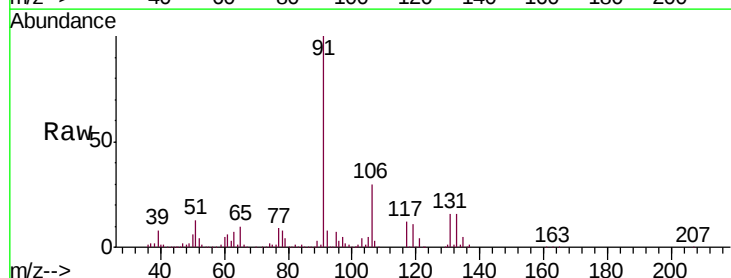
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

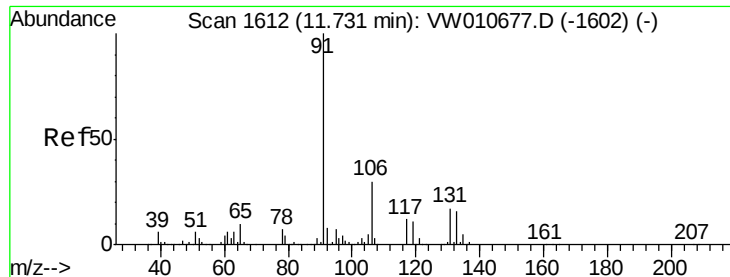
Tgt Ion:112 Resp: 142470
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.768 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:131 Resp: 48472
Ion Ratio Lower Upper
131 100
133 96.9 47.3 141.9
119 66.8 32.4 97.0

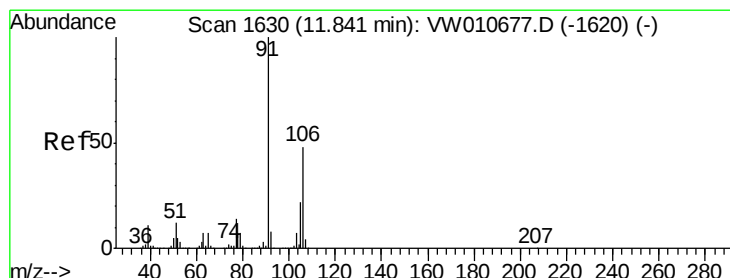
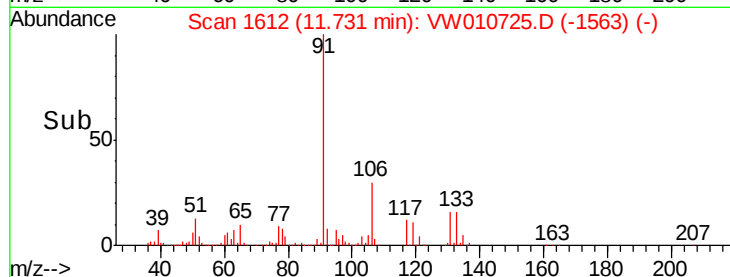
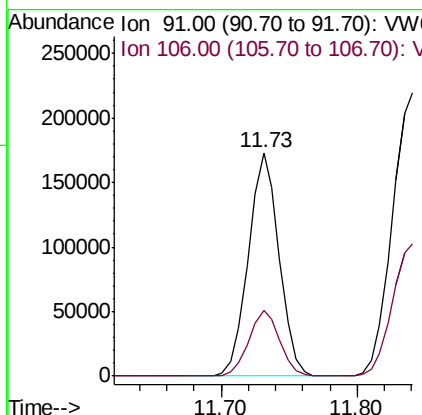
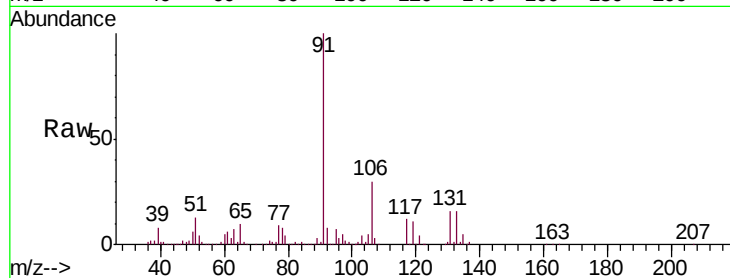




#67
Ethyl Benzene
Concen: 20.087 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

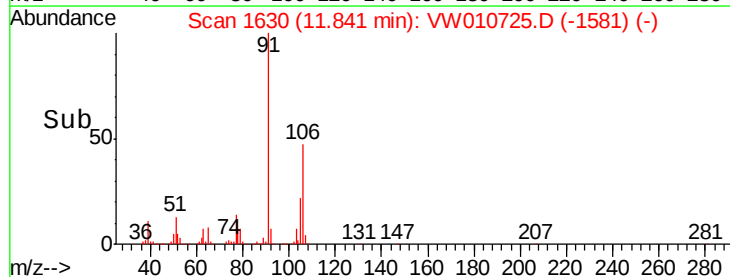
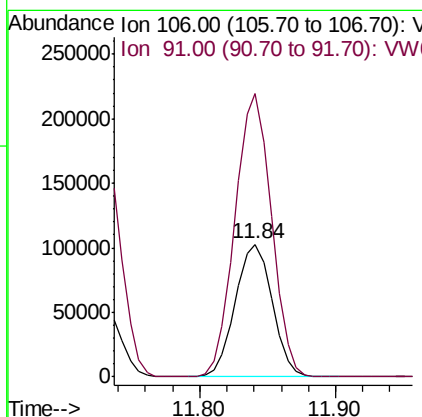
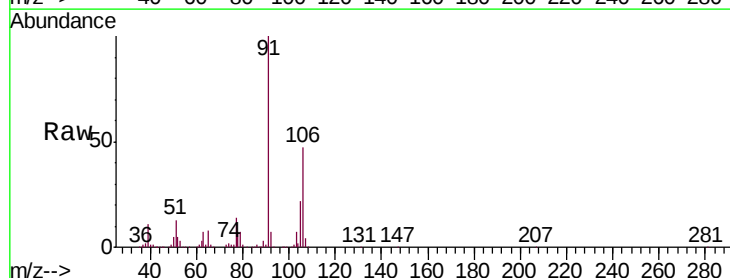
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

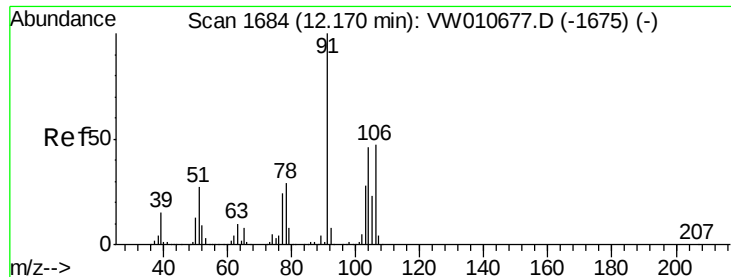
Tgt Ion: 91 Resp: 273451
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 39.995 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 106 Resp: 194898
Ion Ratio Lower Upper
106 100
91 211.1 166.5 249.7

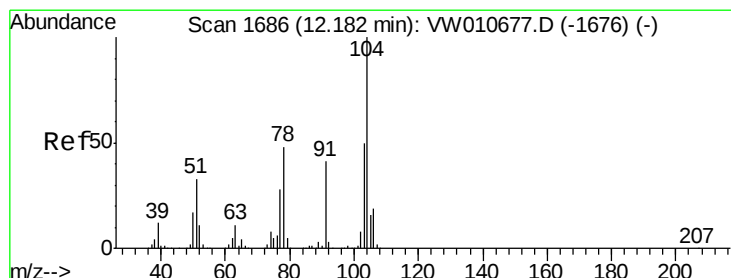
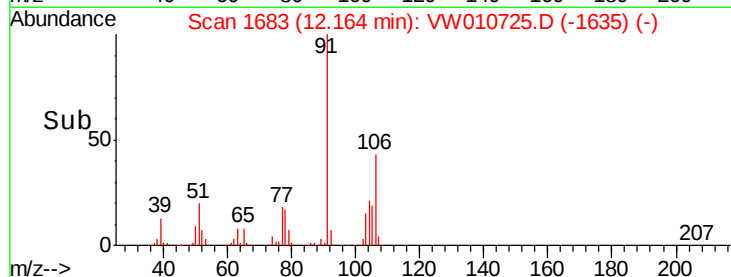
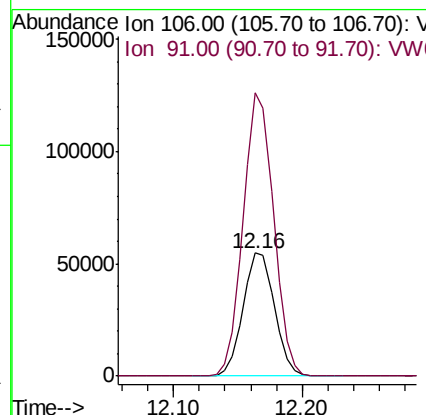
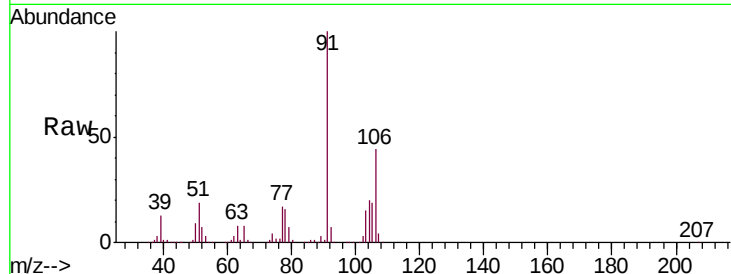




#69
o-Xylene
Concen: 19.890 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

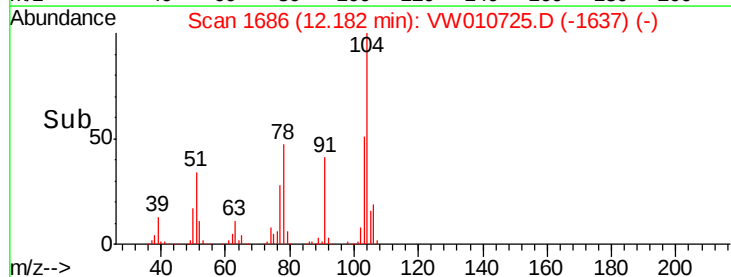
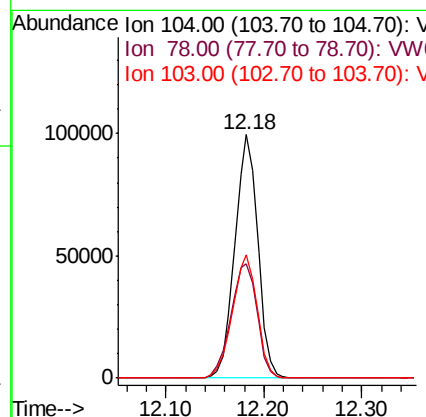
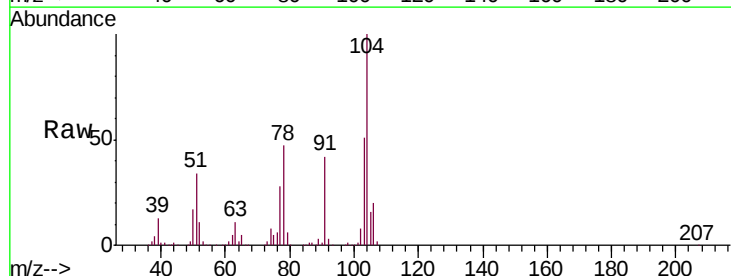
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

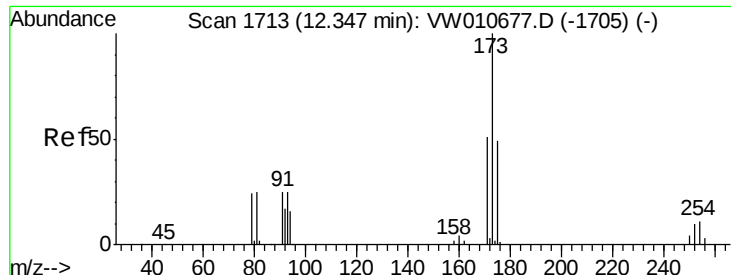
Tgt Ion:106 Resp: 91929
Ion Ratio Lower Upper
106 100
91 224.5 108.9 326.6



#70
Styrene
Concen: 20.162 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:104 Resp: 161875
Ion Ratio Lower Upper
104 100
78 53.9 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 19.135 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

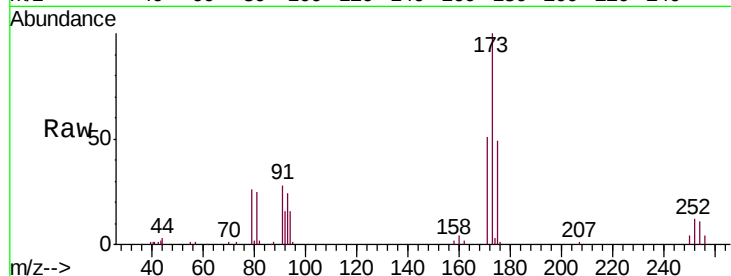
Tgt Ion:173 Resp: 24265

Ion Ratio Lower Upper

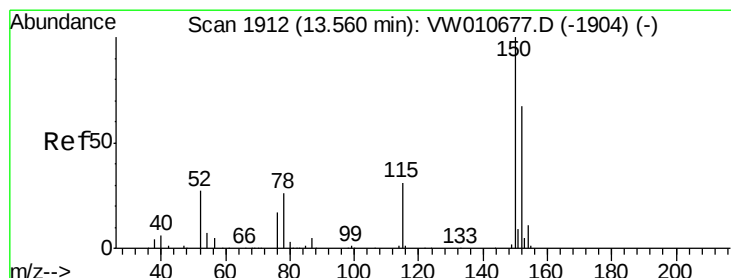
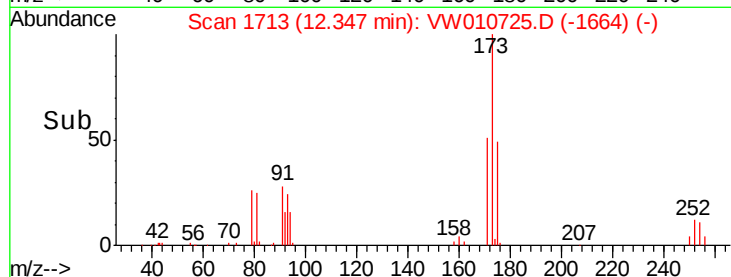
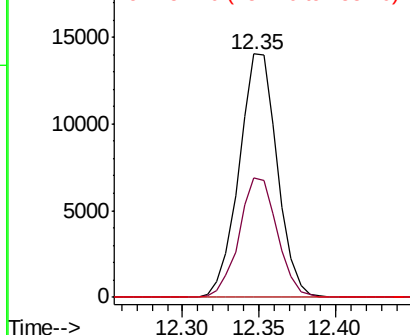
173 100

175 49.0 24.3 72.8

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: VW010725.D

Acq: 07 Jun 2019 13:30

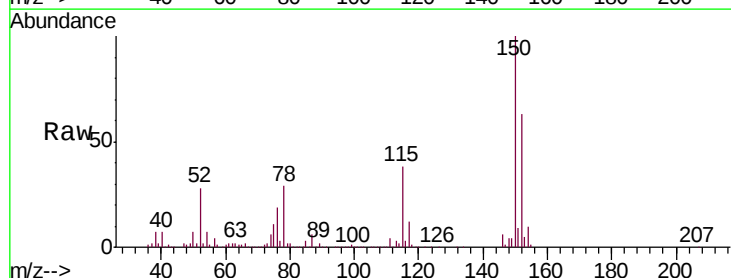
Tgt Ion:152 Resp: 174598

Ion Ratio Lower Upper

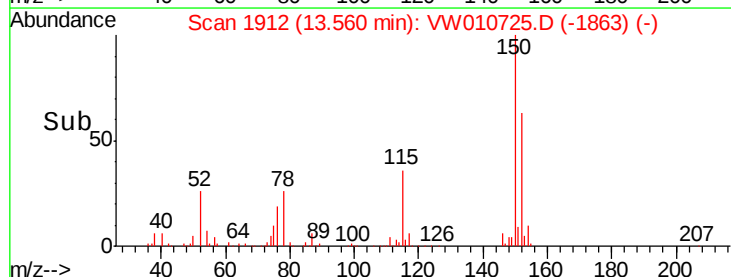
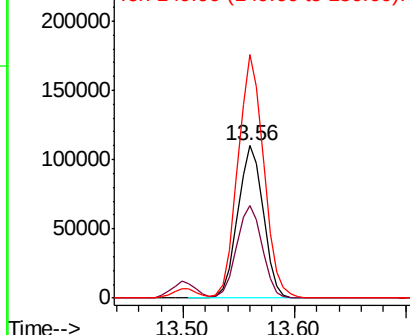
152 100

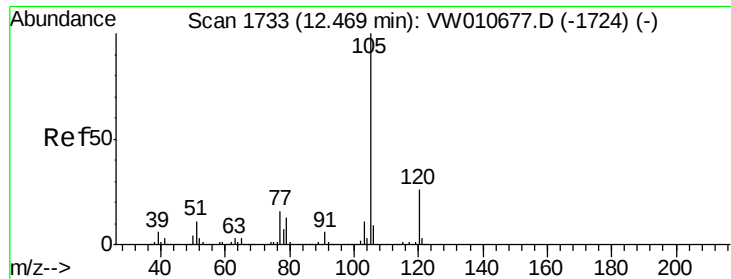
115 60.6 29.8 89.3

150 162.5 0.0 345.0



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: 19.813 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

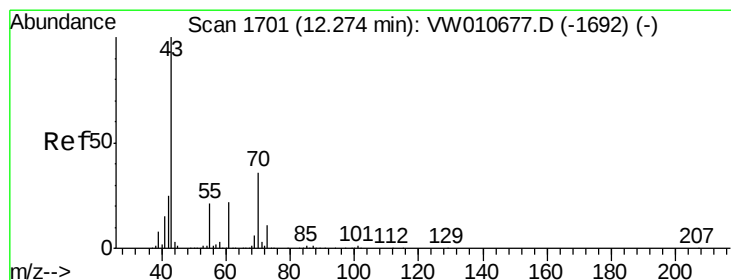
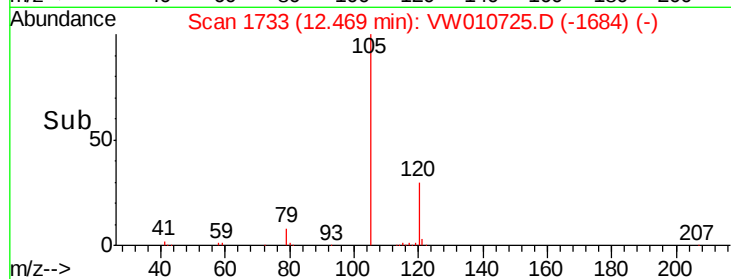
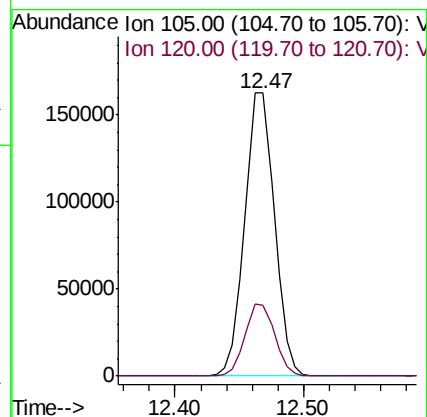
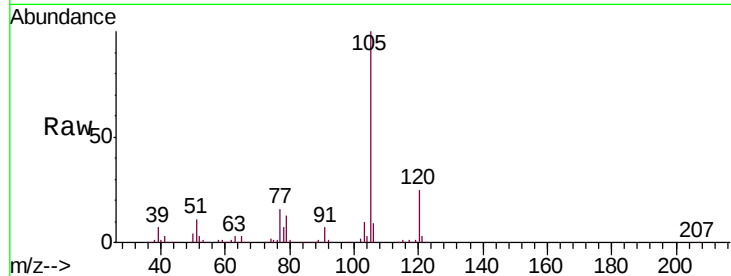
VW0607SBS01

Tgt Ion:105 Resp: 259957

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 19.686 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion: 43 Resp: 83473

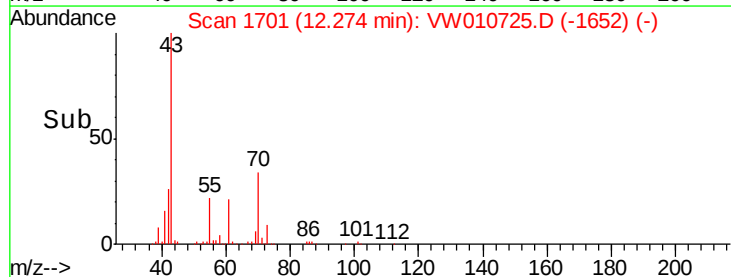
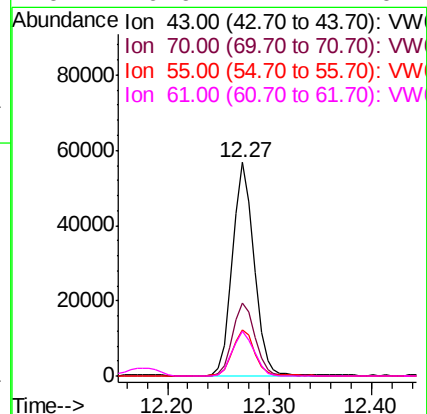
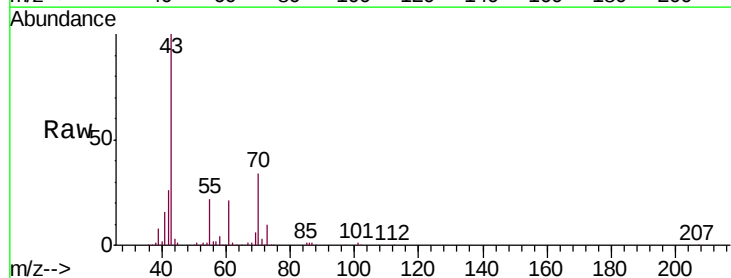
Ion Ratio Lower Upper

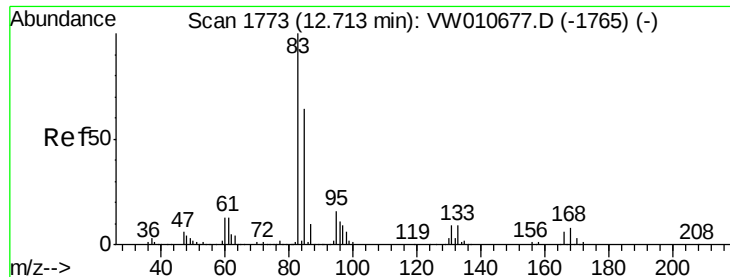
43 100

70 35.3 29.2 43.8

55 22.2 17.5 26.3

61 20.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.091 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

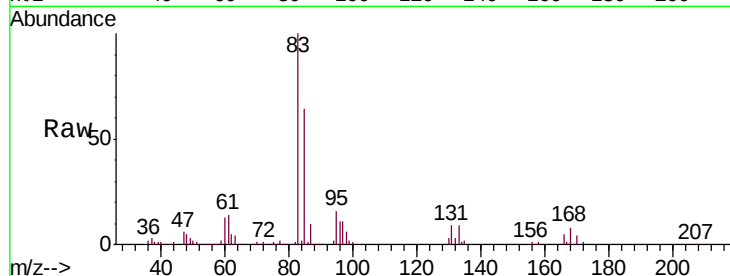
Tgt Ion: 83 Resp: 47685

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

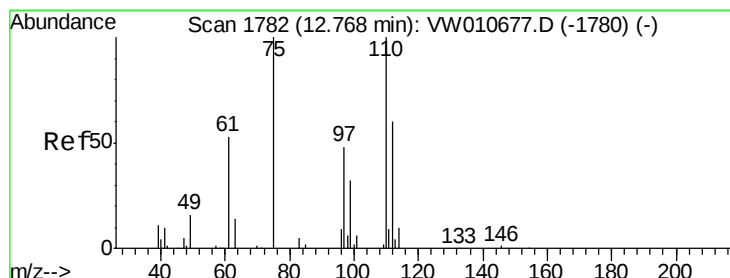
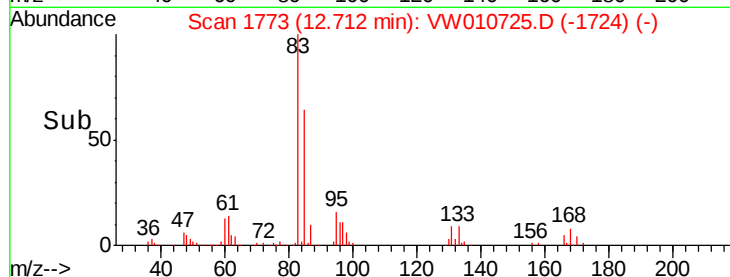
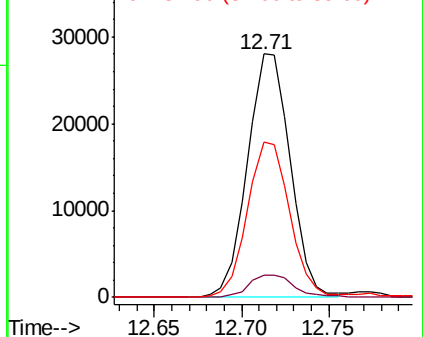
85 63.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.986 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010725.D

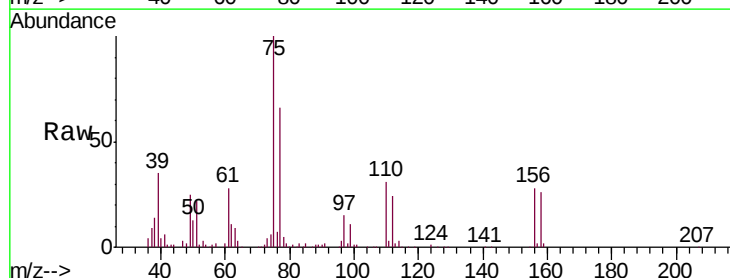
Acq: 07 Jun 2019 13:30

Tgt Ion: 75 Resp: 64147

Ion Ratio Lower Upper

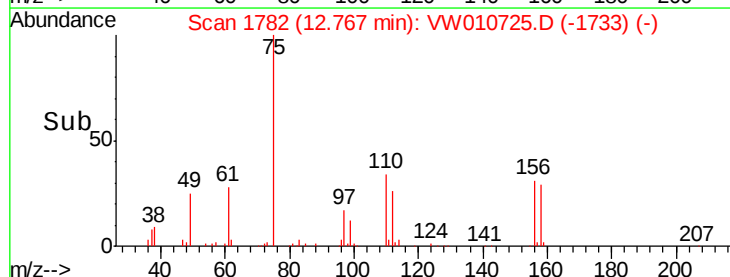
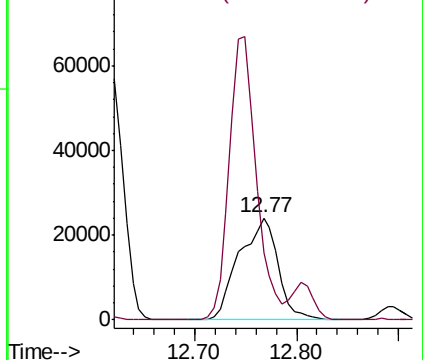
75 100

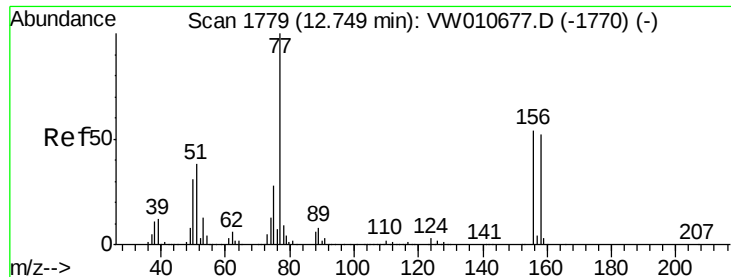
77 191.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.563 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

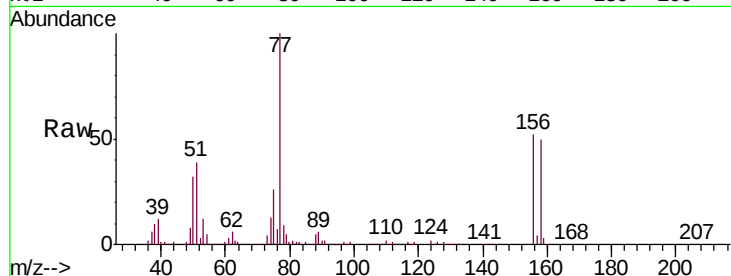
Tgt Ion:156 Resp: 56028

Ion Ratio Lower Upper

156 100

77 218.9 106.5 319.4

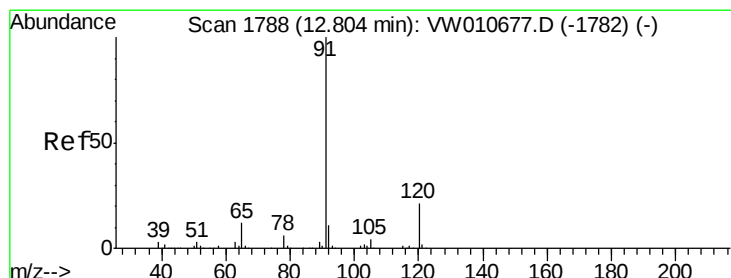
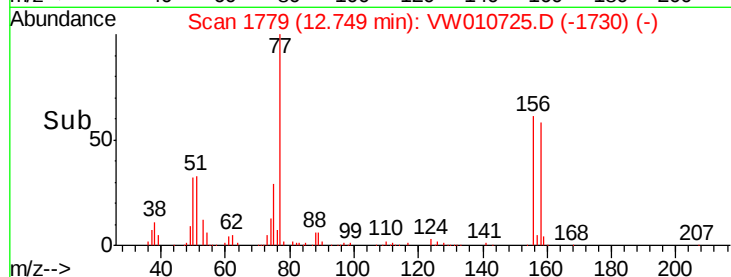
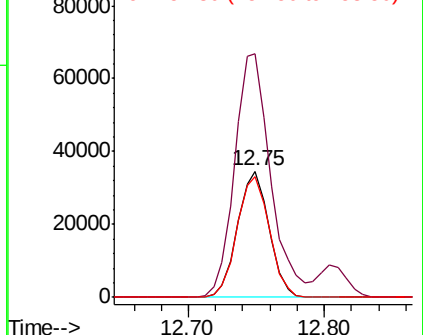
158 98.1 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.862 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010725.D

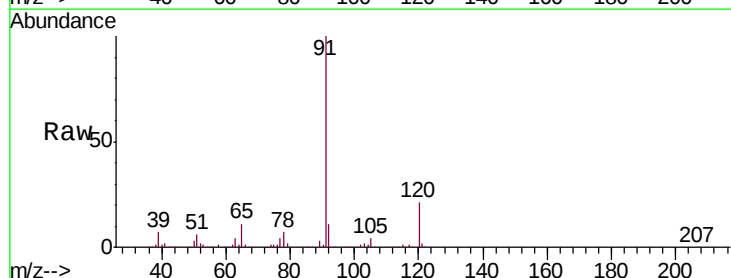
Acq: 07 Jun 2019 13:30

Tgt Ion: 91 Resp: 314224

Ion Ratio Lower Upper

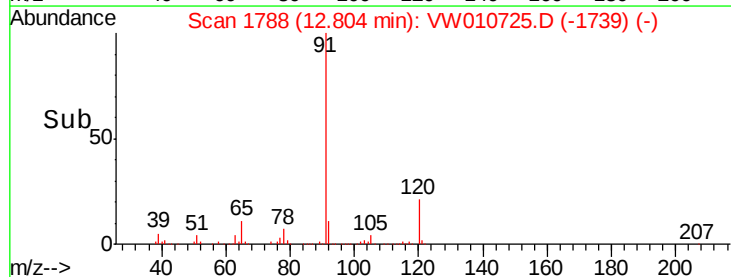
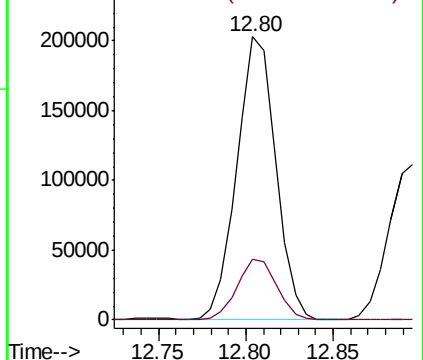
91 100

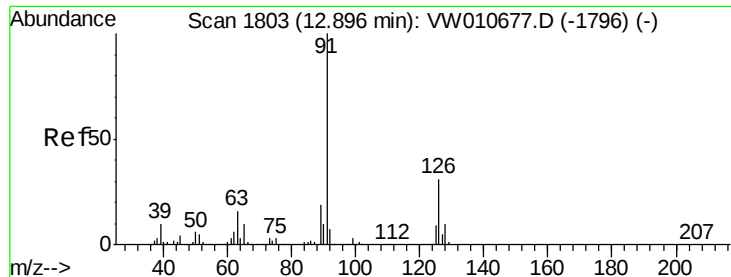
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.969 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

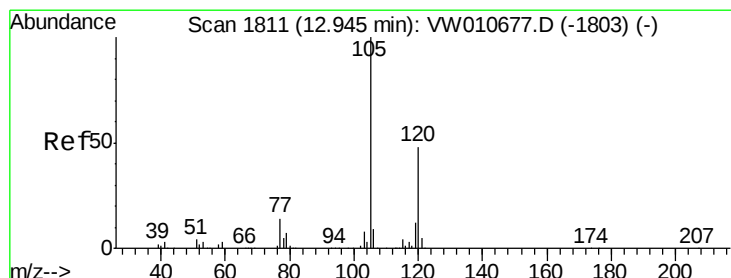
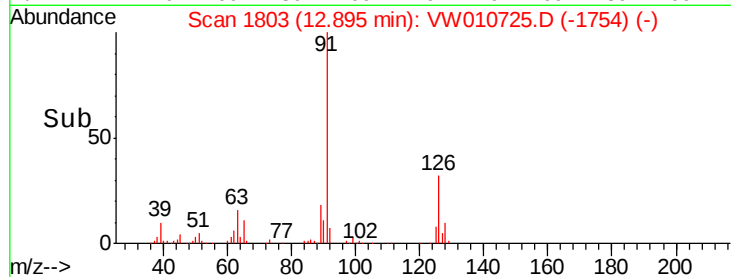
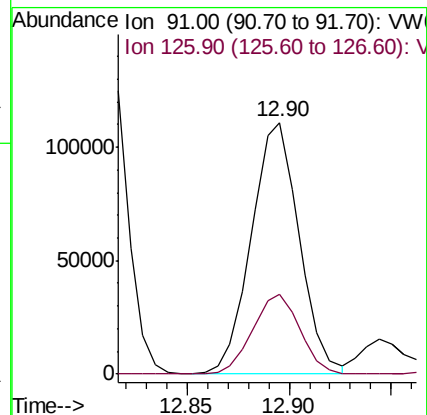
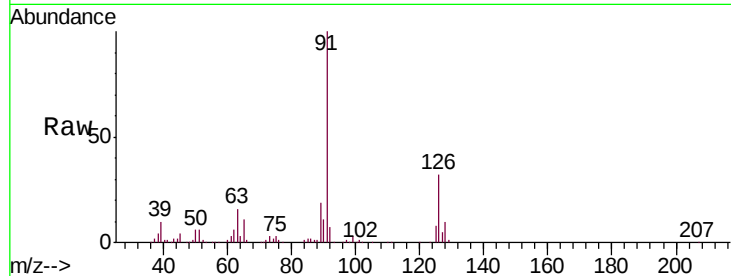
VW0607SBS01

Tgt Ion: 91 Resp: 180487

Ion Ratio Lower Upper

91 100

126 31.6 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 20.087 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010725.D

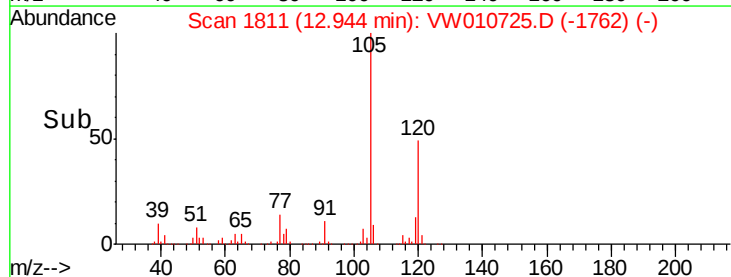
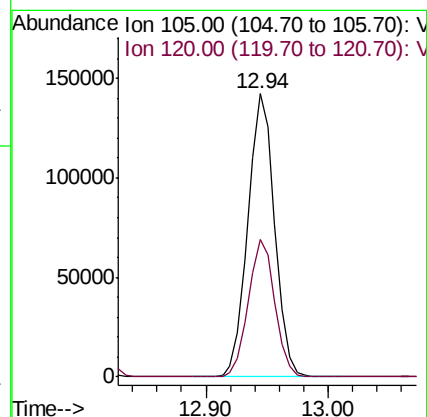
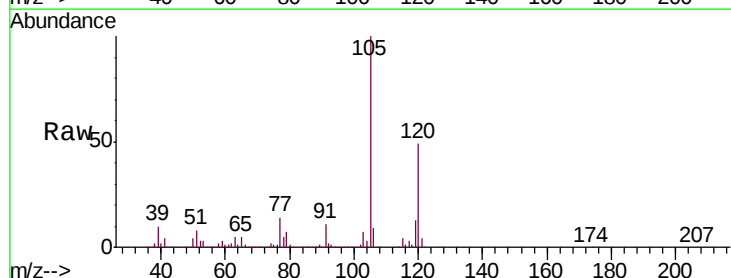
Acq: 07 Jun 2019 13:30

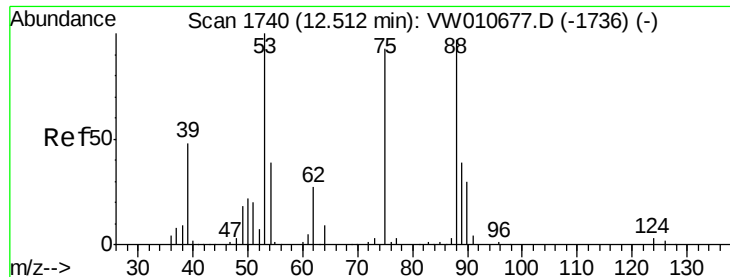
Tgt Ion: 105 Resp: 215721

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.044 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

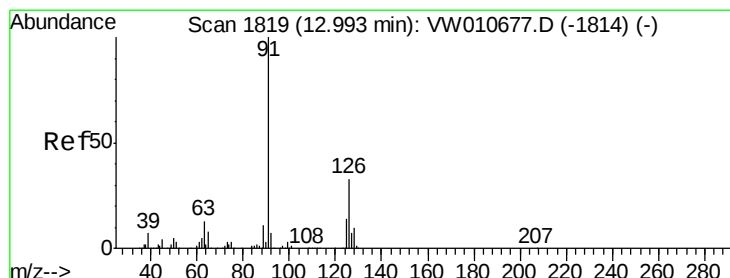
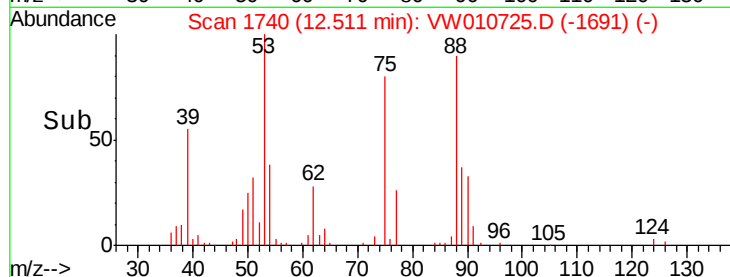
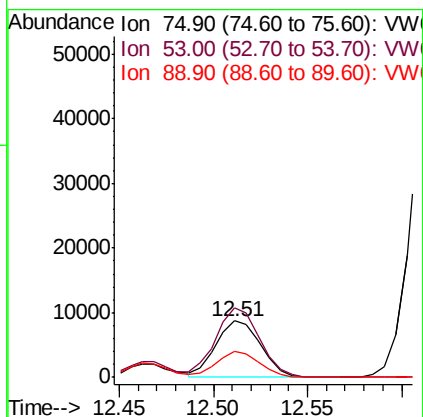
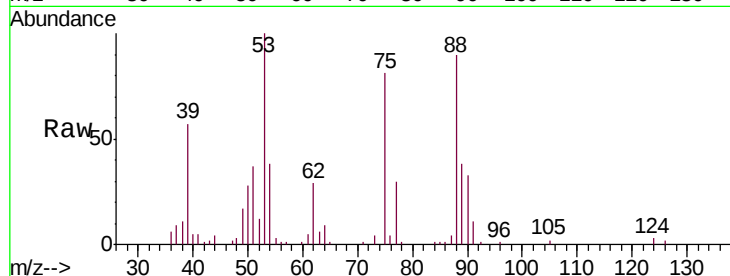
Tgt Ion: 75 Resp: 14395

Ion Ratio Lower Upper

75 100

53 122.2 90.1 135.1

89 44.4 34.6 52.0



#82

4-Chlorotoluene

Concen: 20.081 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010725.D

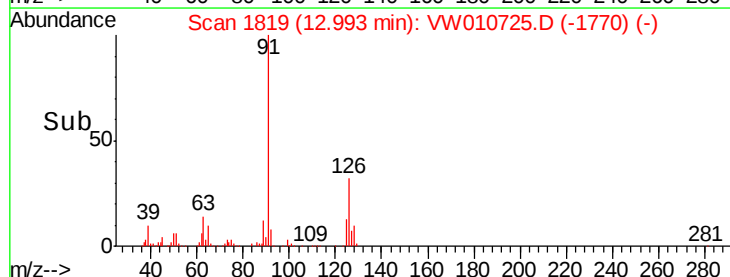
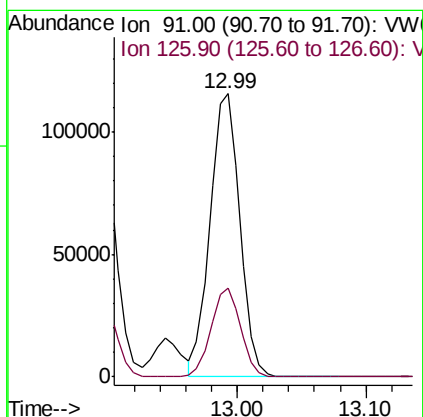
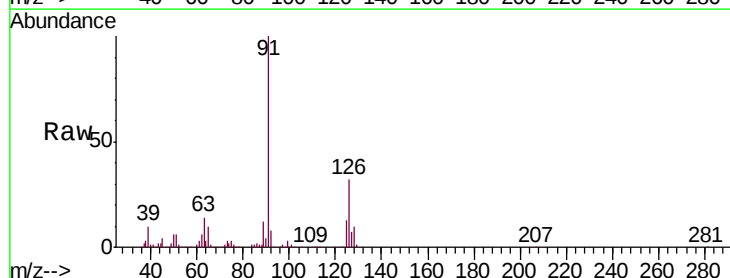
Acq: 07 Jun 2019 13:30

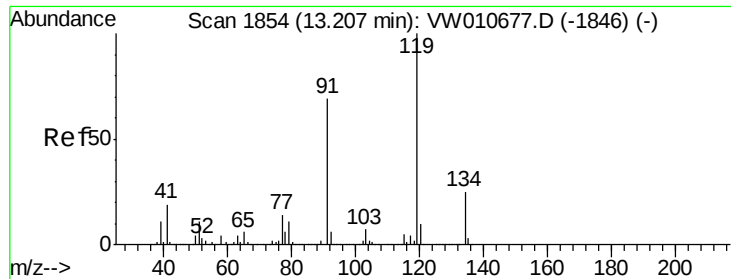
Tgt Ion: 91 Resp: 187303

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7

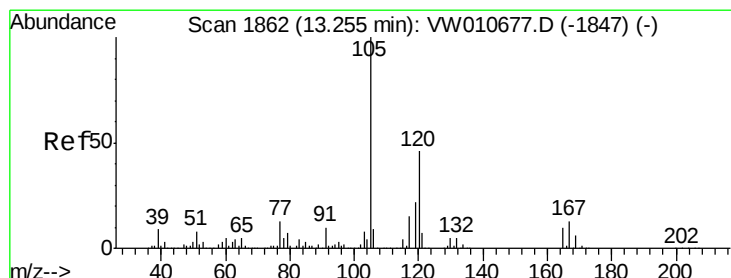
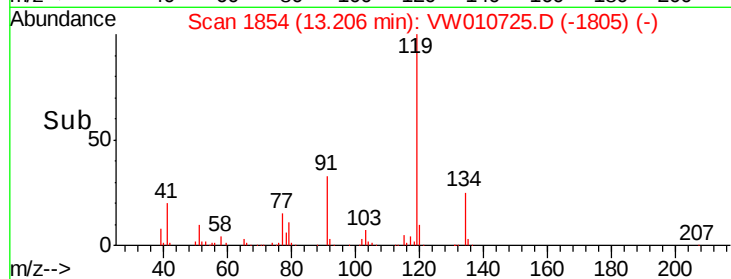
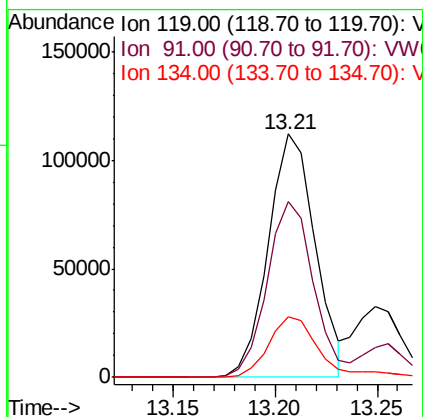
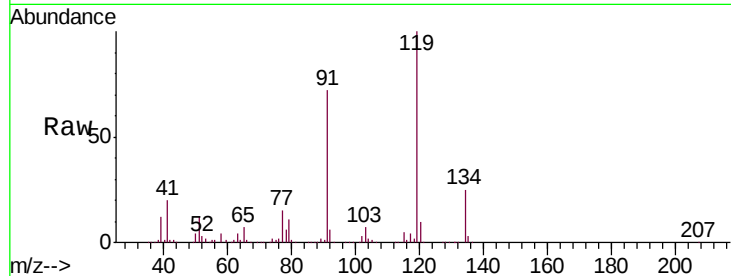




#83
 tert-Butylbenzene
 Concen: 19.728 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

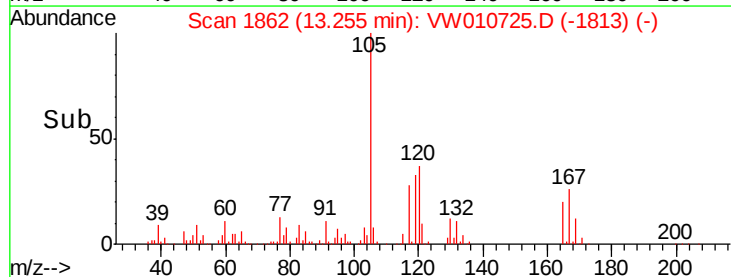
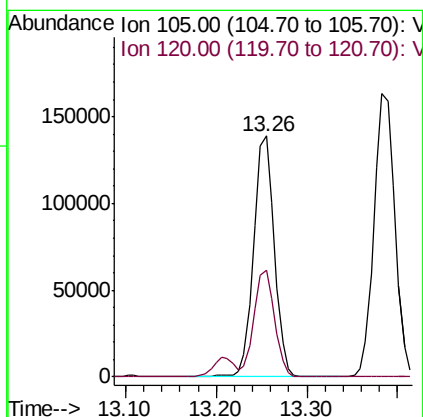
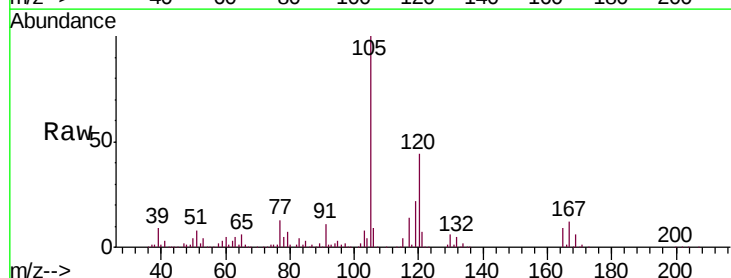
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

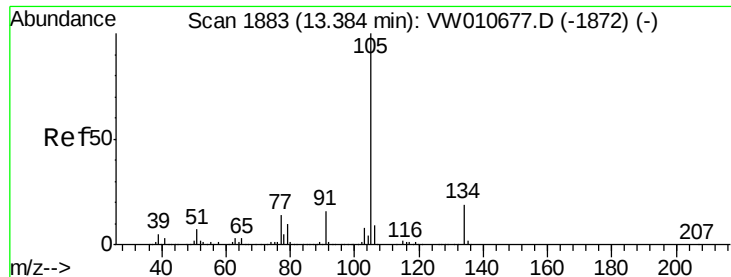
Tgt Ion:119 Resp: 179802
 Ion Ratio Lower Upper
 119 100
 91 72.2 35.1 105.3
 134 27.2 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.270 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion:105 Resp: 219052
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 19.688 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

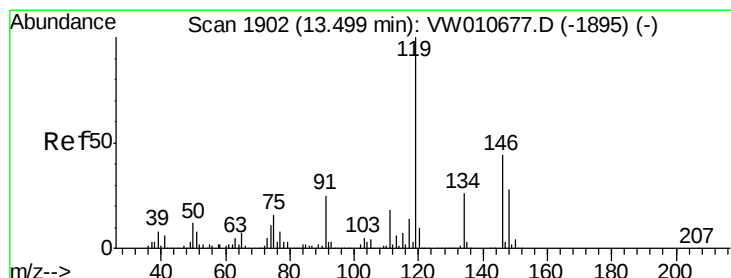
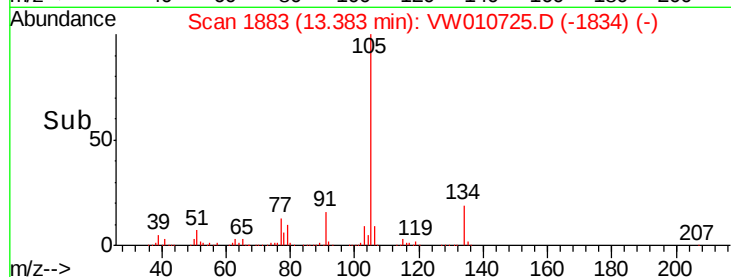
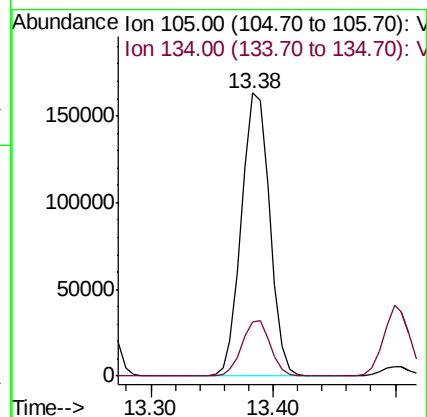
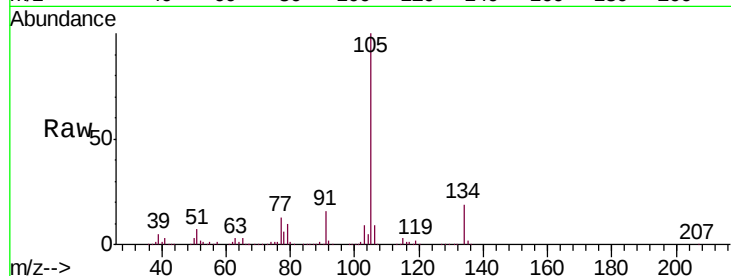
VW0607SBS01

Tgt Ion:105 Resp: 261259

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.982 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

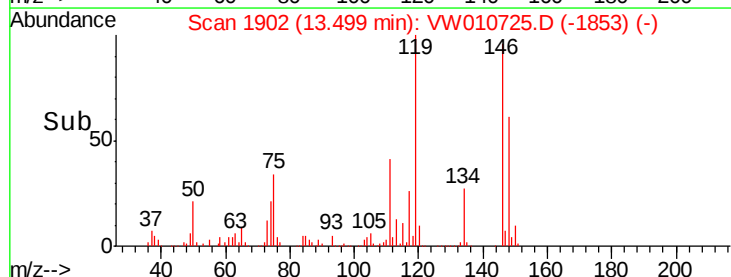
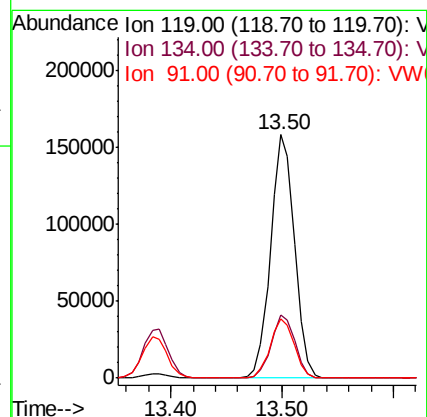
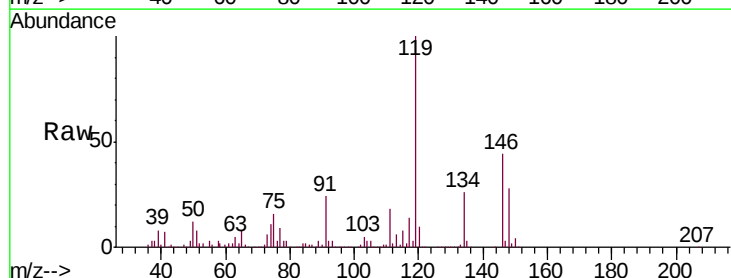
Tgt Ion:119 Resp: 237122

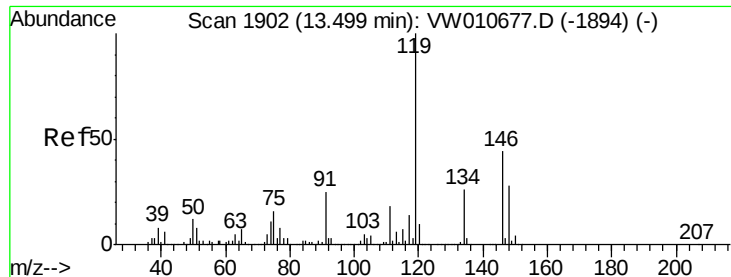
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.840 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

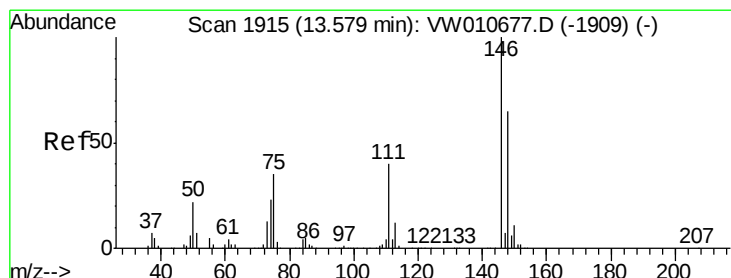
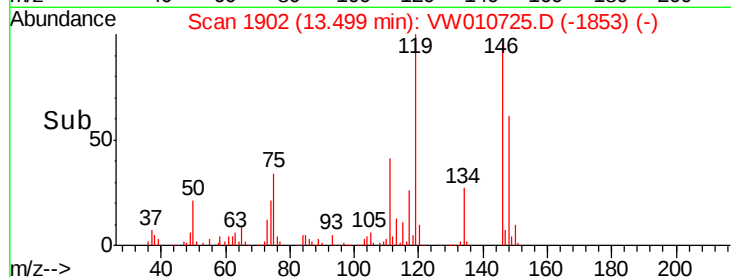
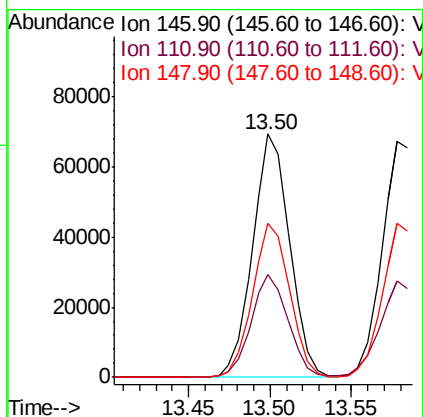
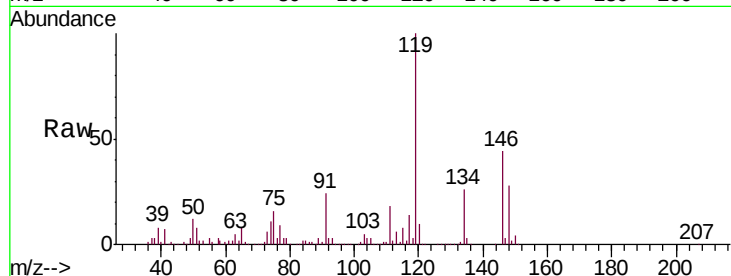
Tgt Ion:146 Resp: 109576

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

148 63.5 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 20.063 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

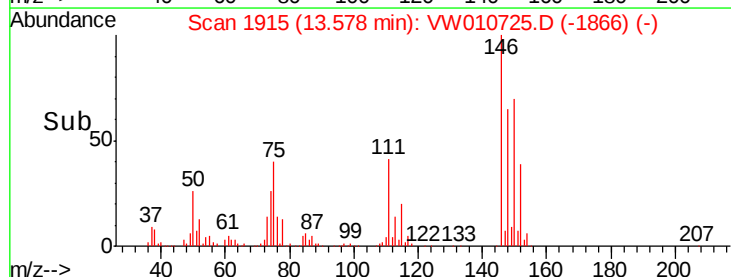
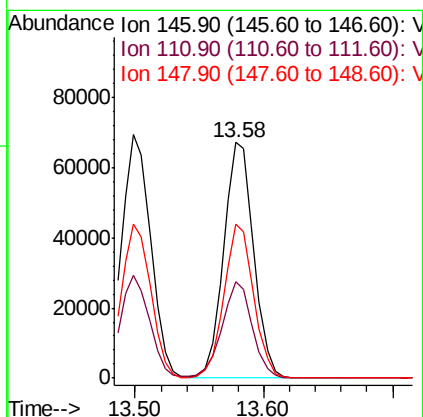
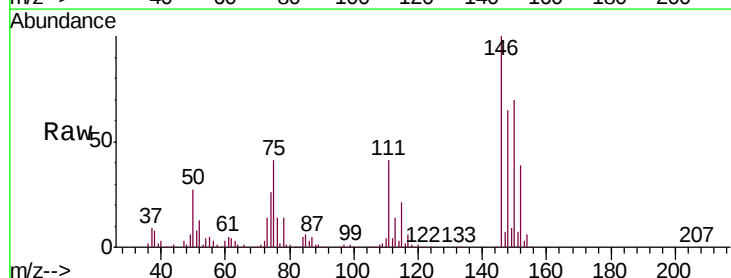
Tgt Ion:146 Resp: 109852

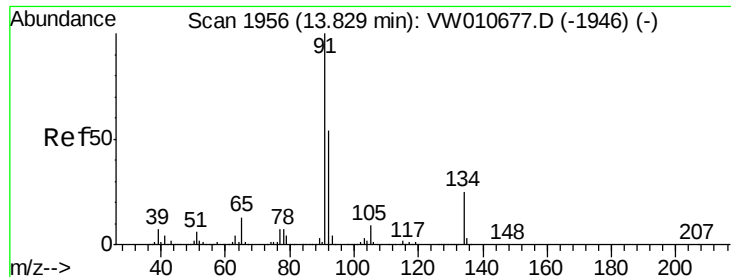
Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.9

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 20.208 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

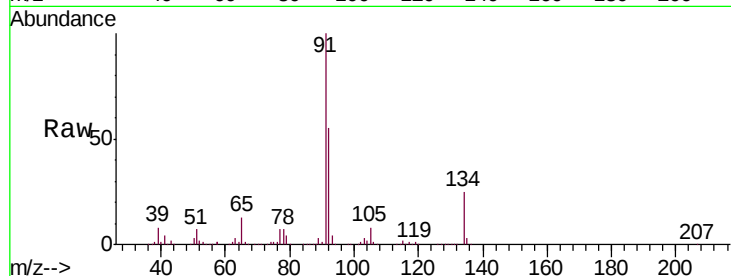
Tgt Ion: 91 Resp: 239263

Ion Ratio Lower Upper

91 100

92 54.2 27.3 81.8

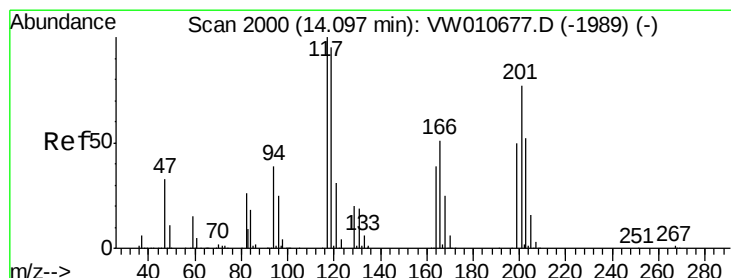
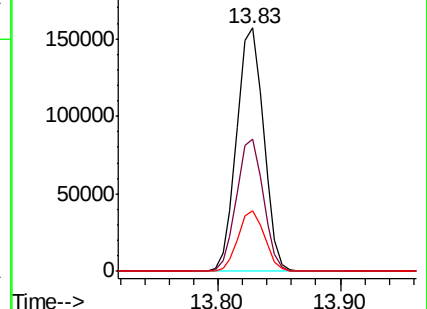
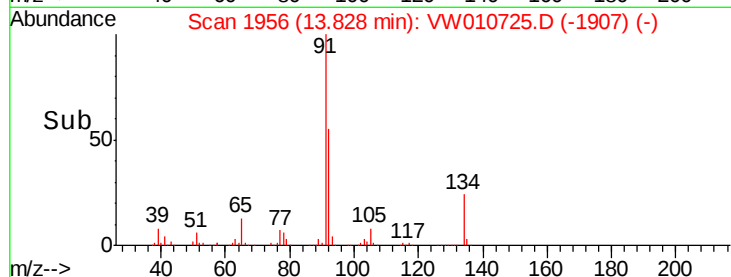
134 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.391 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010725.D

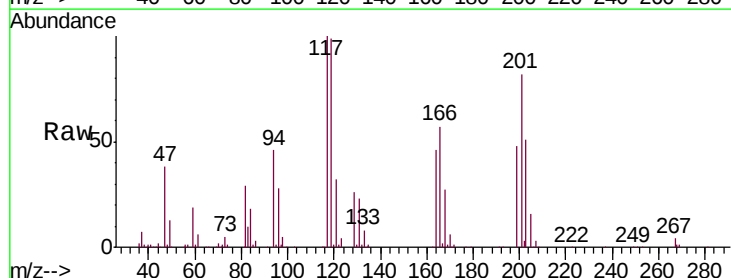
Acq: 07 Jun 2019 13:30

Tgt Ion: 117 Resp: 41208

Ion Ratio Lower Upper

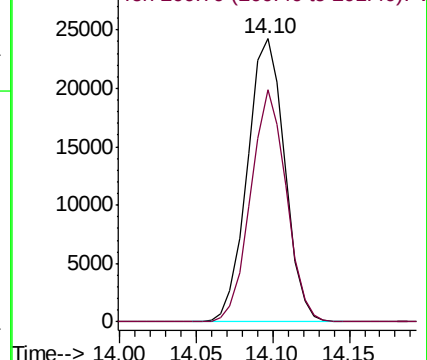
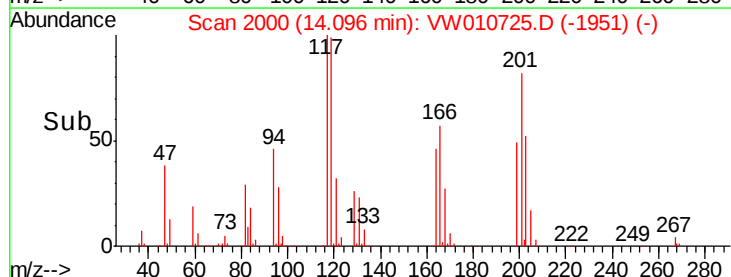
117 100

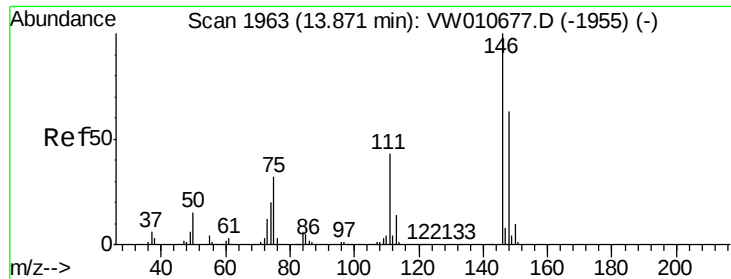
201 78.1 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

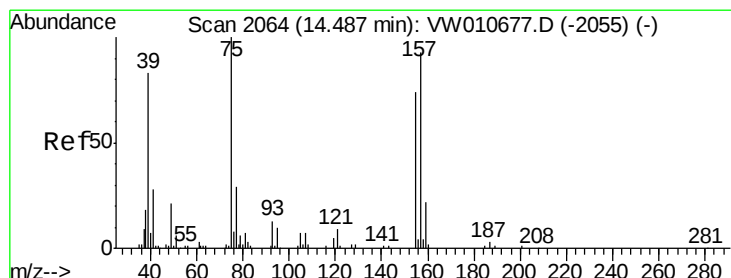
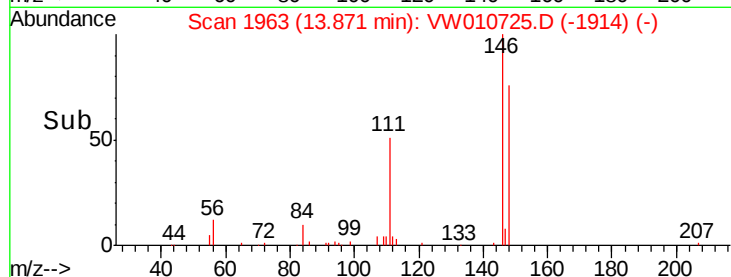
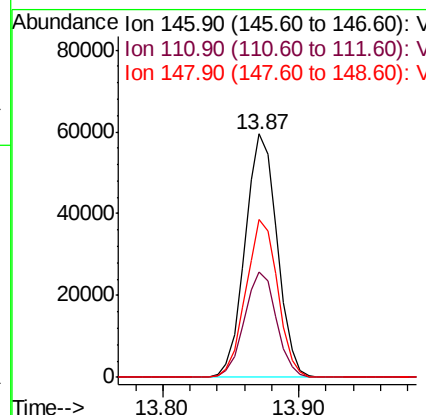
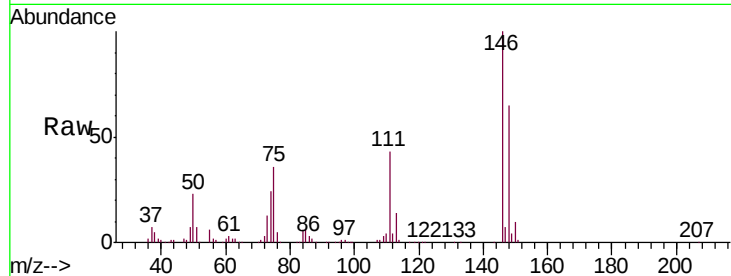




#91
 1,2-Dichlorobenzene
 Concen: 19.752 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

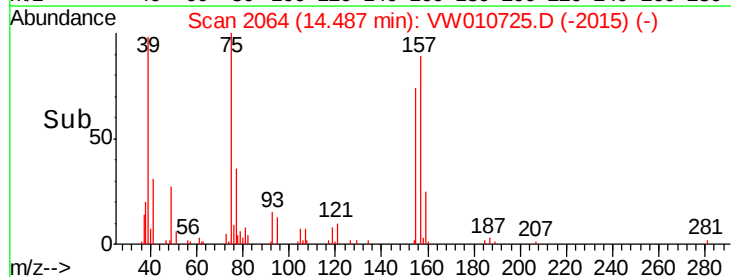
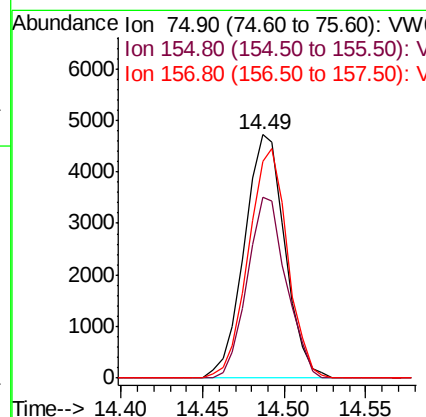
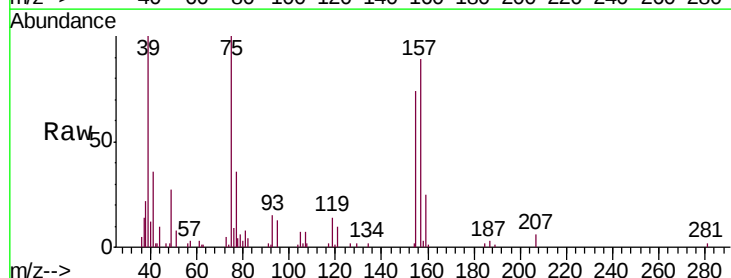
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

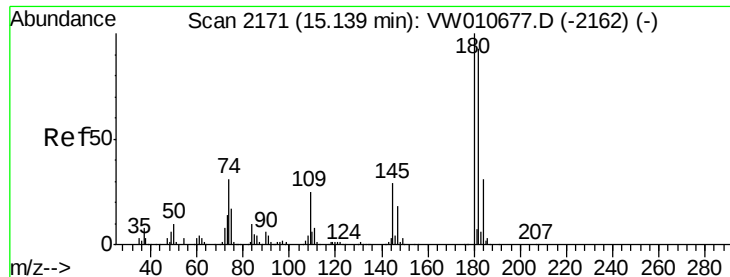
Tgt Ion: 146 Resp: 98104
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.5 64.5
 148 64.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.038 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion: 75 Resp: 8166
 Ion Ratio Lower Upper
 75 100
 155 71.1 38.8 116.4
 157 91.0 48.4 145.0

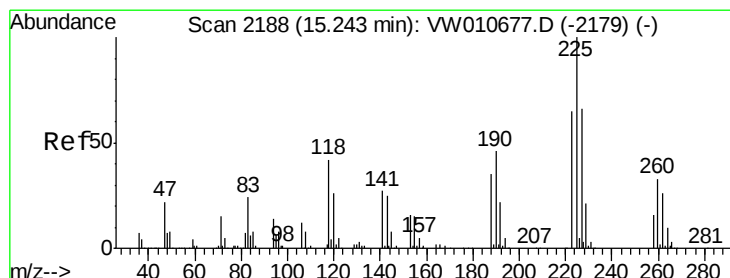
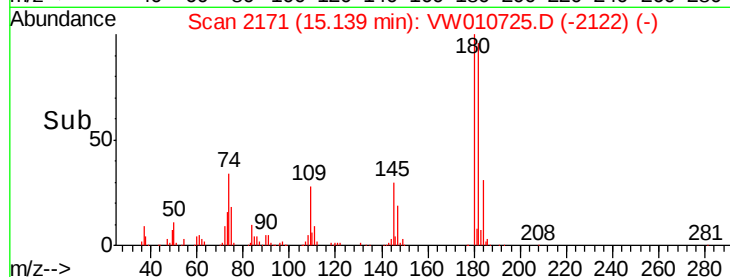
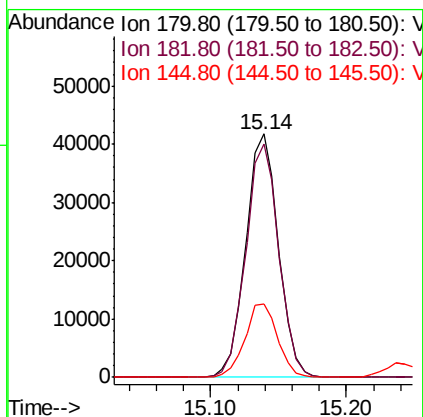
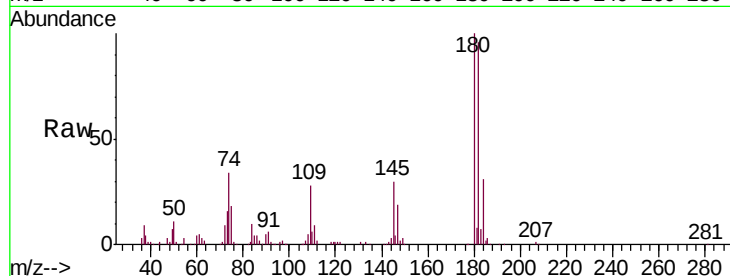




#93
 1,2,4-Trichlorobenzene
 Concen: 20.154 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

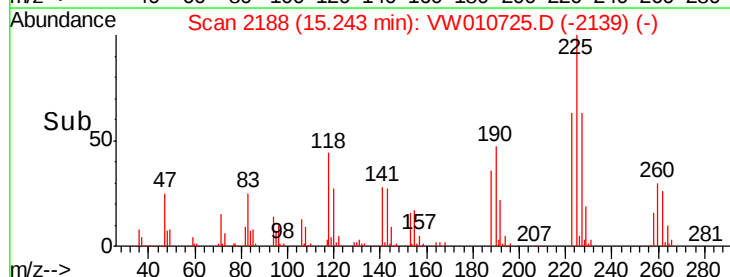
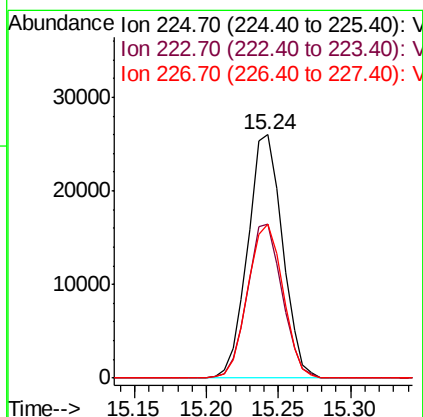
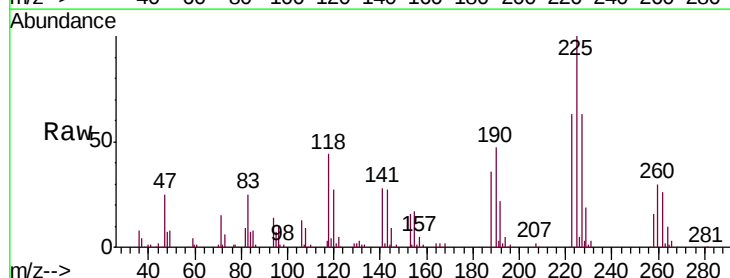
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

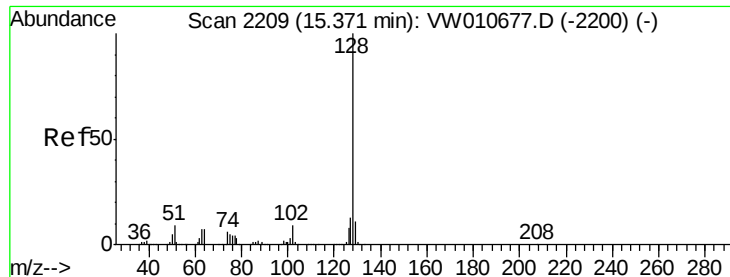
Tgt Ion:180 Resp: 70246
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.1 141.4
 145 30.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.782 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion:225 Resp: 43274
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.2 96.6
 227 64.4 32.0 96.0

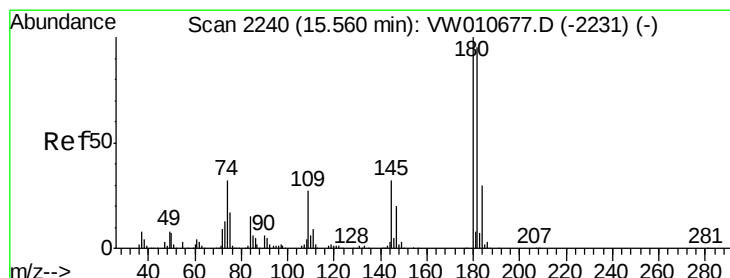
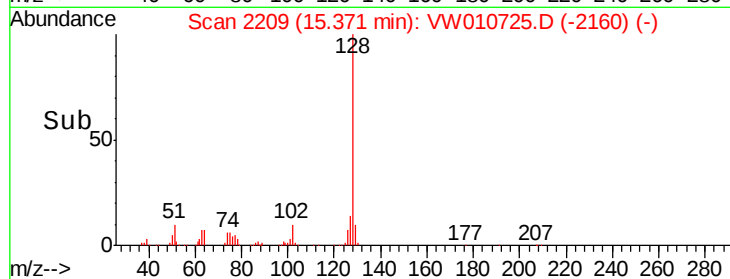
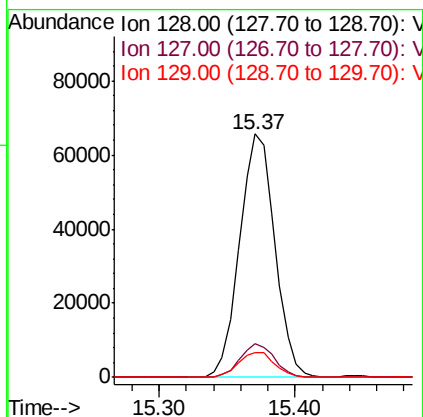
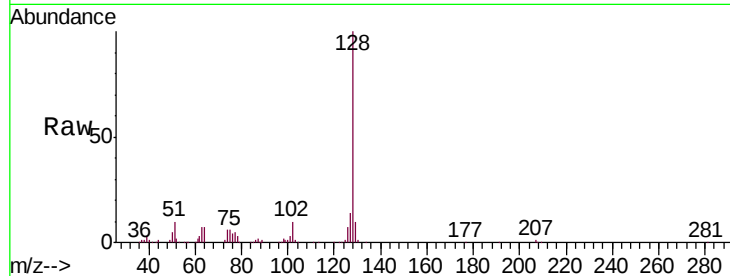




#95
Naphthalene
Concen: 18.773 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tgt Ion:128 Resp: 118885
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.249 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:180 Resp: 60021
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 32.9 16.1 48.3

