

Data File : VW010775.D
Acq On : 12 Jun 2019 13:51
Operator : SY/VA
Sample : VW0612SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Quant Time: Jun 13 07:35:49 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	234964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157190	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
35) Dibromofluoromethane	7.88	113	120265	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
50) Toluene-d8	10.32	98	502319	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	186236	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	46370	21.356	ug/l	100
3) Chloromethane	2.21	50	69979	21.906	ug/l	98
4) Vinyl Chloride	2.35	62	60710	20.569	ug/l	98
5) Bromomethane	2.74	94	34823	21.485	ug/l	96
6) Chloroethane	2.90	64	36998	20.883	ug/l	97
7) Trichlorofluoromethane	3.25	101	83730	21.854	ug/l	100
8) Diethyl Ether	3.68	74	30073	21.964	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51249	21.757	ug/l	98
10) Methyl Iodide	4.26	142	38165	19.017	ug/l	97
11) Tert butyl alcohol	5.16	59	37792	167.502	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	49131	21.622	ug/l	99
13) Acrolein	3.89	56	7515	81.511	ug/l	97
14) Allyl chloride	4.66	41	111725	22.300	ug/l	98
15) Acrylonitrile	5.37	53	74762	112.394	ug/l	98
16) Acetone	4.12	43	80496	108.475	ug/l	99
17) Carbon Disulfide	4.37	76	149912	20.783	ug/l	100
18) Methyl Acetate	4.67	43	36934	23.122	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	146459	22.348	ug/l	98
20) Methylene Chloride	4.91	84	60213	23.130	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57389	22.248	ug/l	97
22) Diisopropyl ether	6.31	45	232766	23.206	ug/l	96
23) Vinyl Acetate	6.26	43	675706	111.625	ug/l	100
24) 1,1-Dichloroethane	6.21	63	114030	22.685	ug/l	99
25) 2-Butanone	7.17	43	117926	114.605	ug/l	98
26) 2,2-Dichloropropane	7.17	77	99641	24.360	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63431	22.345	ug/l	95
28) Bromochloromethane	7.51	49	49855	22.224	ug/l	96
29) Tetrahydrofuran	7.53	42	70396	108.766	ug/l	99
30) Chloroform	7.68	83	103731	22.561	ug/l	99
31) Cyclohexane	7.95	56	120607	21.584	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	90781	22.603	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86985	21.833	ug/l	99
37) Ethyl Acetate	7.25	43	49130	22.253	ug/l	99
38) Carbon Tetrachloride	8.07	117	75549	21.966	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108055	21.335	ug/l	99
40) Benzene	8.32	78	241084	22.181	ug/l	98
41) Methacrylonitrile	7.48	41	28406	21.646	ug/l	99
42) 1,2-Dichloroethane	8.40	62	79701	23.104	ug/l	98
43) Isopropyl Acetate	8.43	43	95671	22.430	ug/l	99
44) Trichloroethene	9.09	130	59086	22.038	ug/l	95
45) 1,2-Dichloropropane	9.37	63	65102	22.627	ug/l	96
46) Dibromomethane	9.46	93	28806	21.555	ug/l	99
47) Bromodichloromethane	9.64	83	76523	22.090	ug/l	97
48) Methyl methacrylate	9.43	41	45159	21.959	ug/l	100
49) 1,4-Dioxane	9.45	88	8882	425.108	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	245515	112.672	ug/l	99
52) Toluene	10.39	92	147381	22.038	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80893	22.047	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	96555	22.363	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42504	22.078	ug/l	99
56) Ethyl methacrylate	10.65	69	64399	21.739	ug/l	95
57) 1,3-Dichloropropane	10.93	76	81197	22.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	162939	105.013	ug/l	100
59) 2-Hexanone	10.97	43	172161	109.321	ug/l	98
60) Dibromochloromethane	11.13	129	46291	21.691	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39698	21.764	ug/l	98
64) Tetrachloroethene	10.86	164	49294	21.337	ug/l	98
65) Chlorobenzene	11.66	112	149312	21.821	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	52480	22.156	ug/l	100
67) Ethyl Benzene	11.73	91	288336	21.926	ug/l	100
68) m/p-Xylenes	11.84	106	205952	43.750	ug/l	100
69) o-Xylene	12.16	106	97738	21.892	ug/l	97
70) Styrene	12.18	104	168884	21.775	ug/l	99
71) Bromoform	12.35	173	25576	20.878	ug/l #	99
73) Isopropylbenzene	12.46	105	272634	21.765	ug/l	99
74) N-amyl acetate	12.27	43	89478	22.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50856	21.326	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68740	39.269	ug/l #	100
77) Bromobenzene	12.75	156	58374	21.349	ug/l	95
78) n-propylbenzene	12.80	91	330663	21.892	ug/l	100
79) 2-Chlorotoluene	12.90	91	190191	22.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	225353	21.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15798	20.742	ug/l	97
82) 4-Chlorotoluene	12.99	91	196808	22.101	ug/l	98
83) tert-Butylbenzene	13.21	119	190505	21.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228481	22.145	ug/l	99
85) sec-Butylbenzene	13.38	105	275557	21.750	ug/l	100
86) p-Isopropyltoluene	13.50	119	245863	21.701	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	115562	21.916	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115010	22.001	ug/l	99
89) n-Butylbenzene	13.83	91	248869	22.016	ug/l	99
90) Hexachloroethane	14.10	117	44135	21.753	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	104058	21.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9243	22.572	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061219\
Quantitation Report (Not Reviewed)

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Operator : SY/VA
Sample : VW0612SBSD01
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ClientSampleId :
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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	71532	21.496	ug/l	99
94) Hexachlorobutadiene	15.24	225	44977	21.536	ug/l	99
95) Naphthalene	15.37	128	123491	20.425	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61823	21.846	ug/l	99

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

Data File : VW010775.D

Acq On : 12 Jun 2019 13:51

Operator : SY/VA

Sample : VW0612SBSD01

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

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

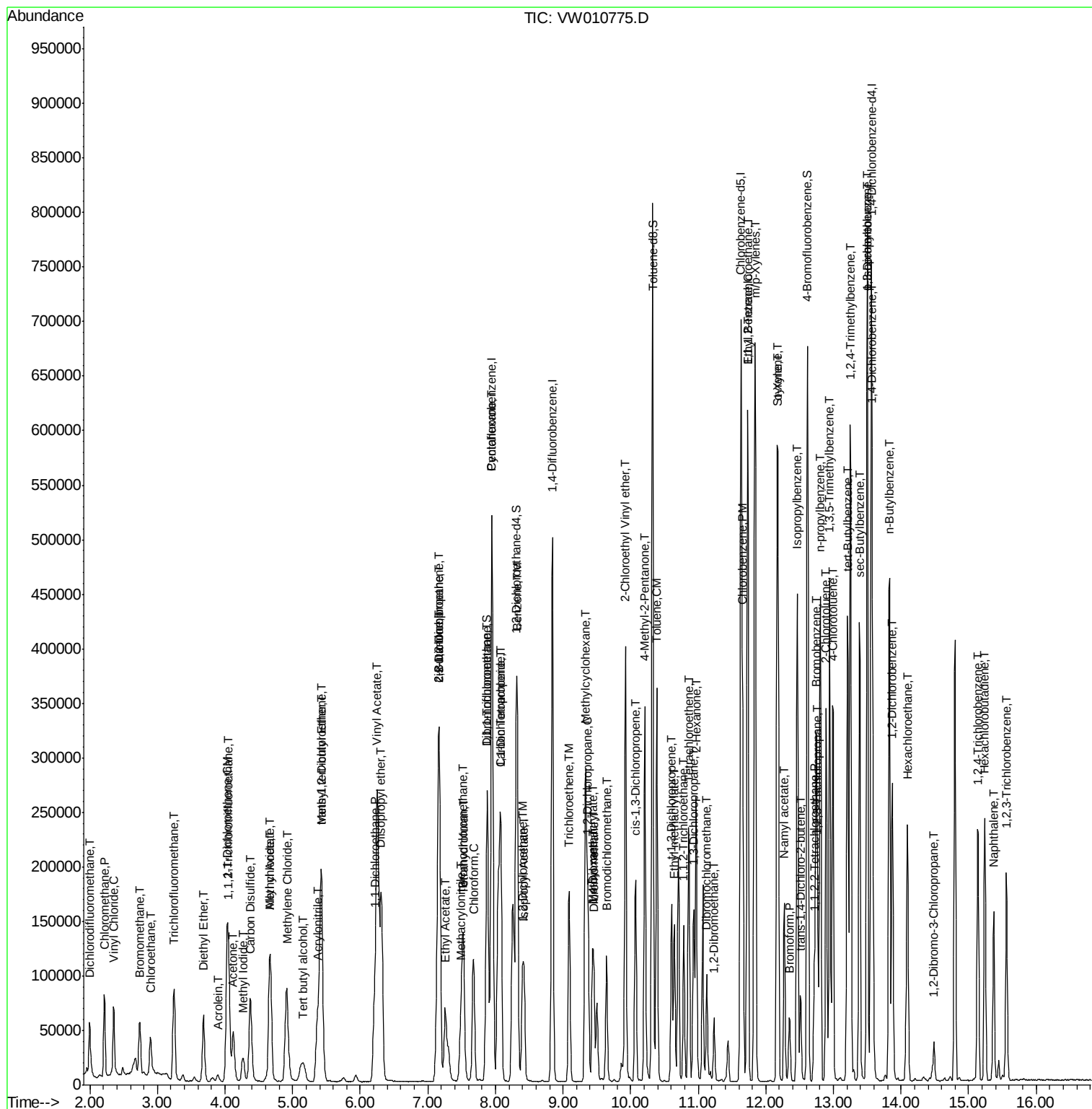
Quant Time: Jun 13 07:35:49 2019

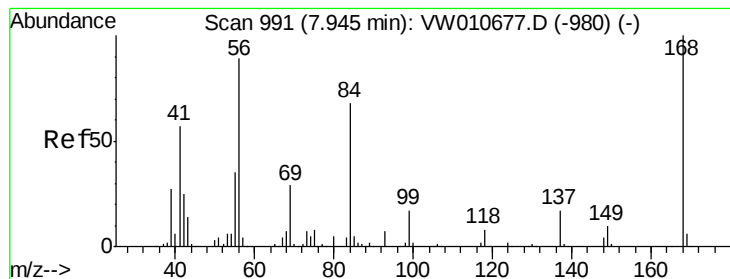
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W060419S.M

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: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

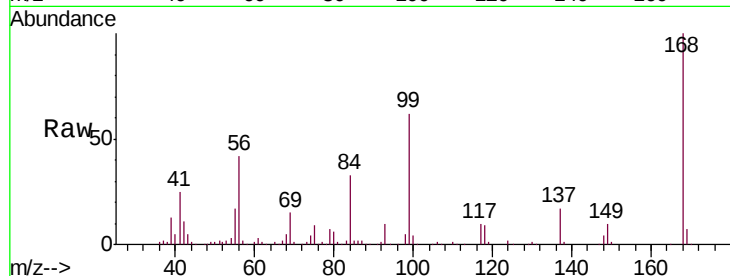
VW0612SBS01

Tgt Ion:168 Resp: 234964

Ion Ratio Lower Upper

168 100

99 62.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

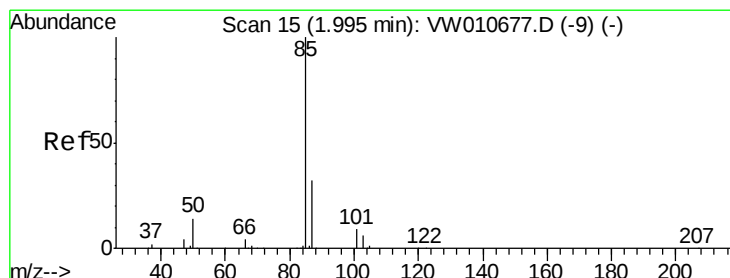
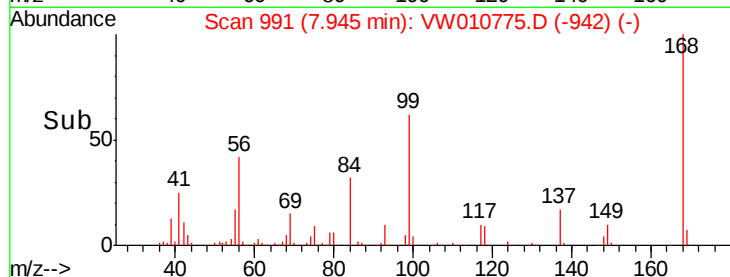
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.356 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010775.D

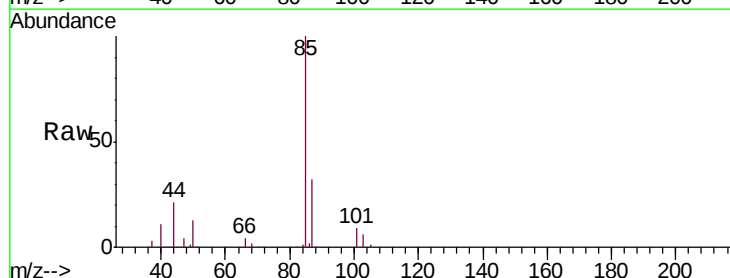
Acq: 12 Jun 2019 13:51

Tgt Ion: 85 Resp: 46370

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

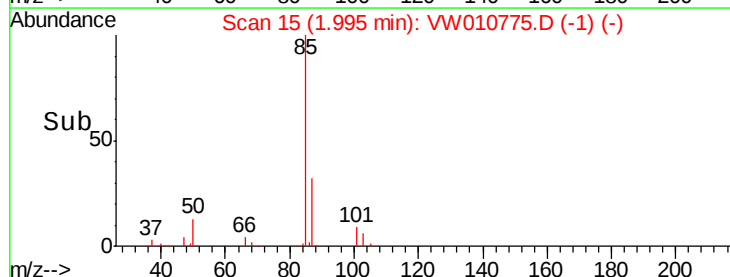
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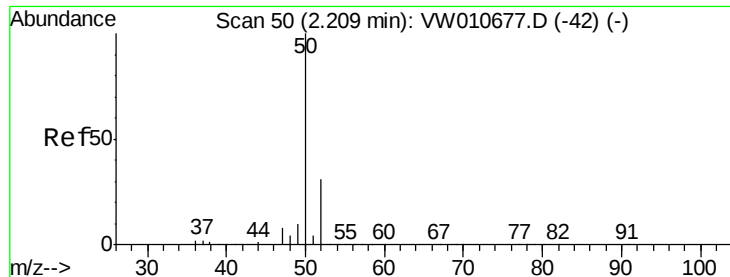
10000

5000

0

Time-->





#3

Chloromethane

Concen: 21.906 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

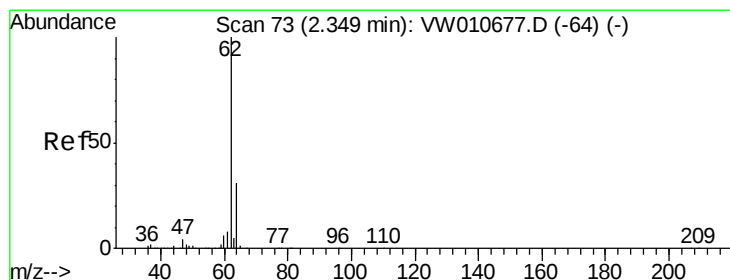
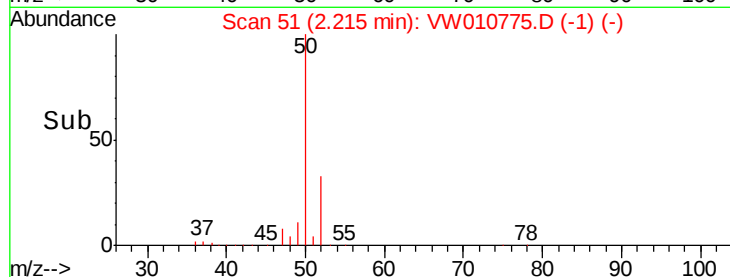
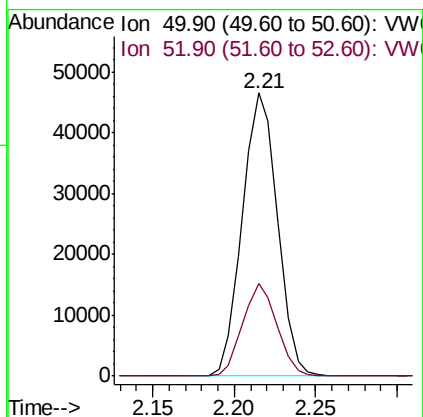
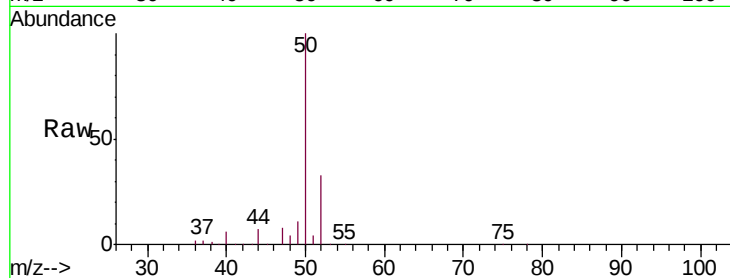
VW0612SBSD01

Tgt Ion: 50 Resp: 69979

Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8



#4

Vinyl Chloride

Concen: 20.569 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VW010775.D

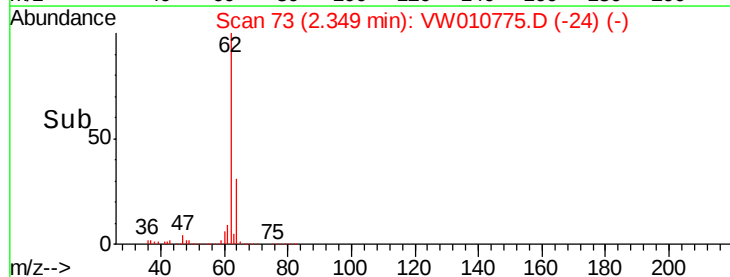
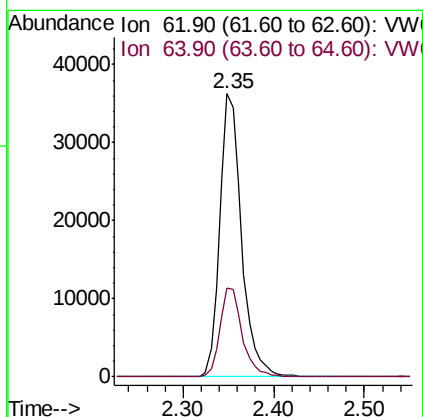
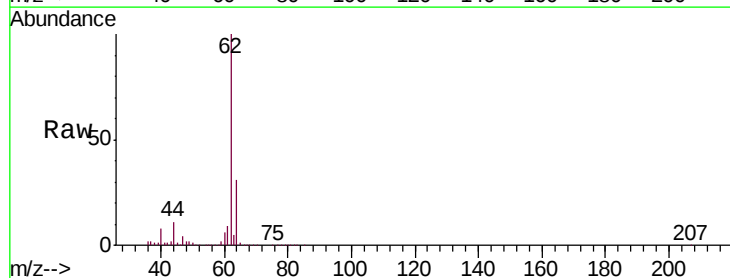
Acq: 12 Jun 2019 13:51

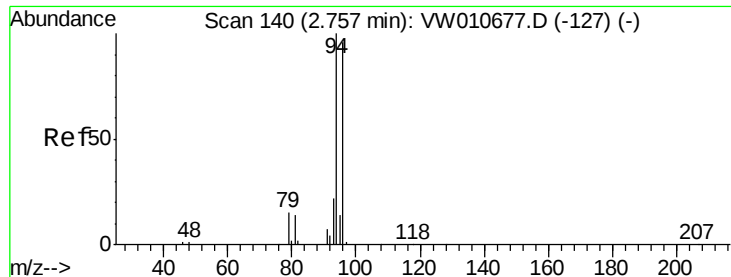
Tgt Ion: 62 Resp: 60710

Ion Ratio Lower Upper

62 100

64 31.5 24.5 36.7





#5

Bromomethane

Concen: 21.485 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

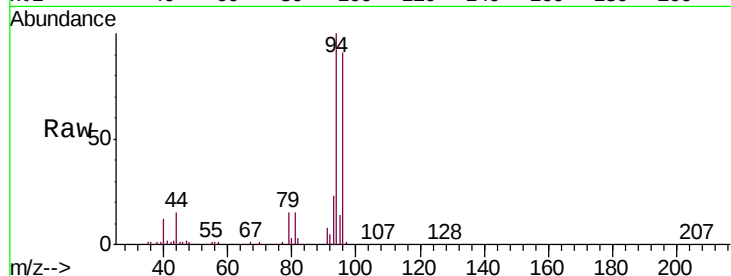
VW0612SBSD01

Tgt Ion: 94 Resp: 34823

Ion Ratio Lower Upper

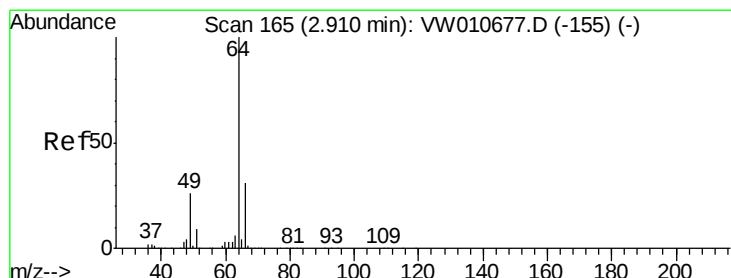
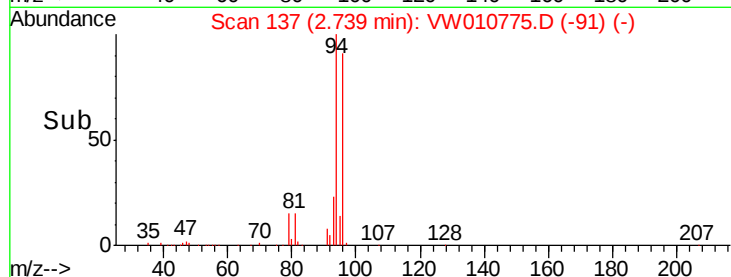
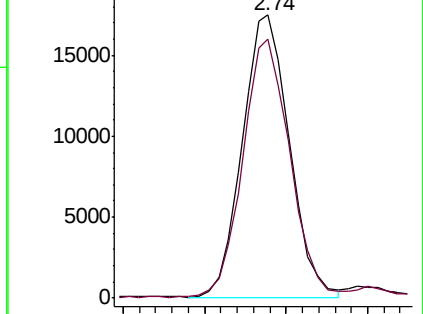
94 100

96 91.3 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.883 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010775.D

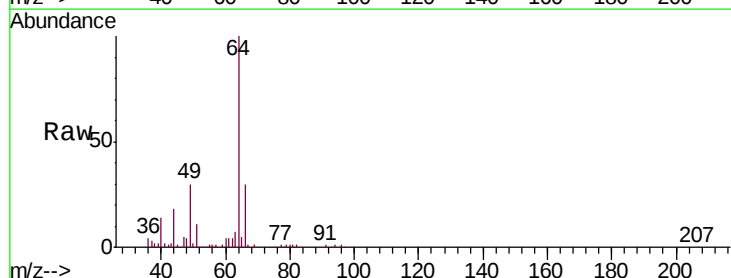
Acq: 12 Jun 2019 13:51

Tgt Ion: 64 Resp: 36998

Ion Ratio Lower Upper

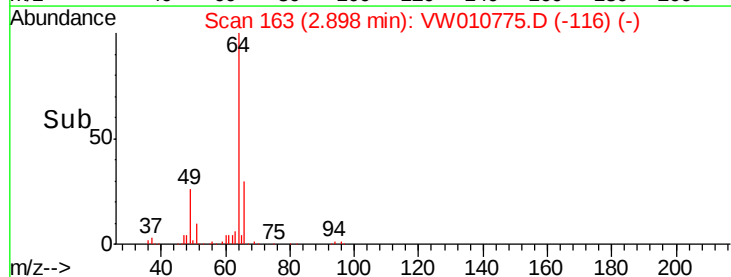
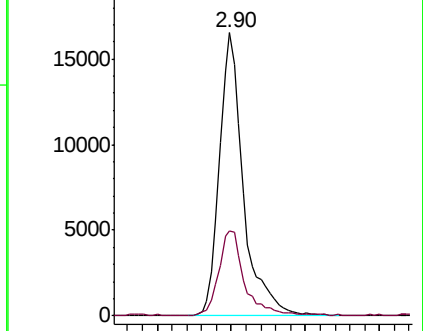
64 100

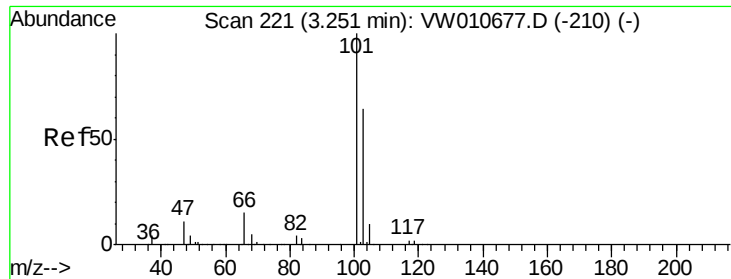
66 30.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



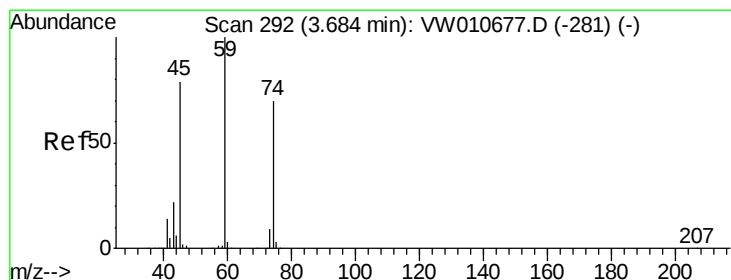
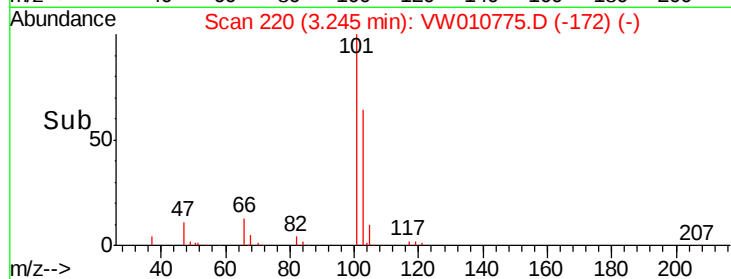
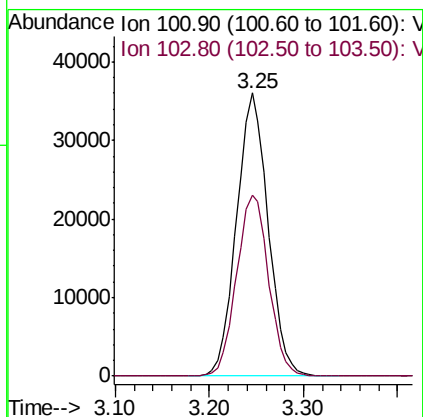
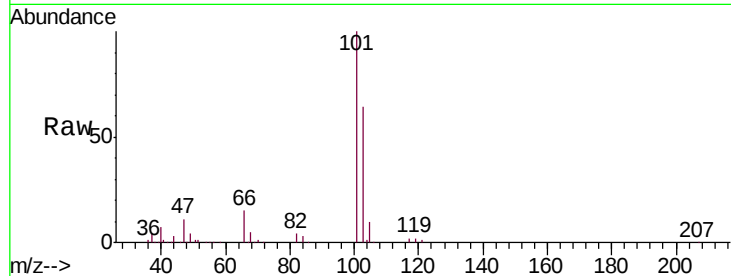


#7

Trichlorofluoromethane
 Concen: 21.854 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
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 VW0612SBSD01

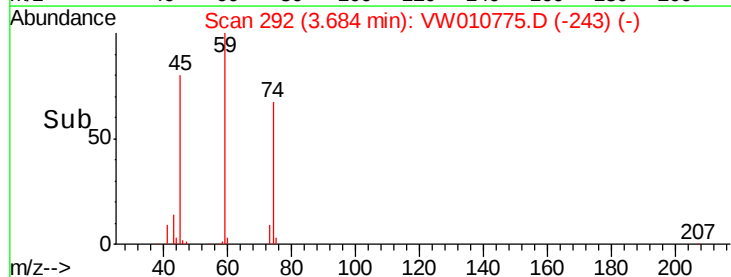
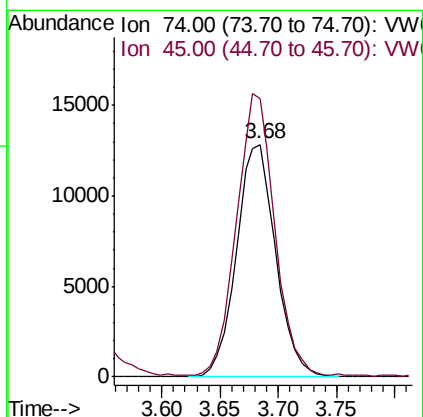
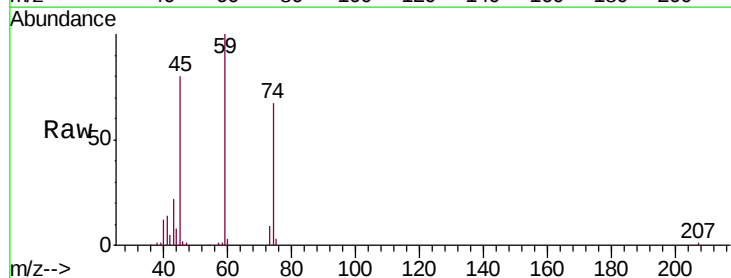
Tgt Ion:101 Resp: 83730
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

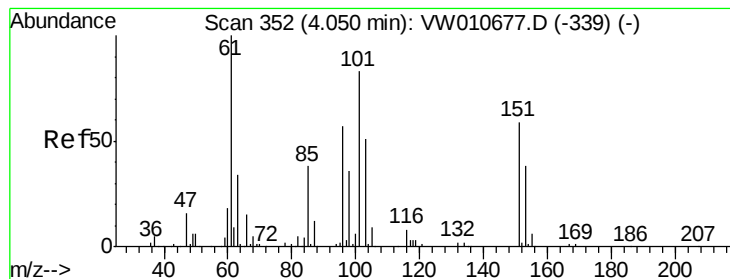


#8

Diethyl Ether
 Concen: 21.964 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 74 Resp: 30073
 Ion Ratio Lower Upper
 74 100
 45 118.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.757 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

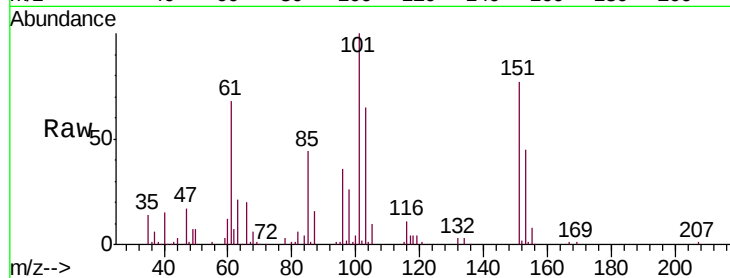
Tgt Ion:101 Resp: 51249

Ion Ratio Lower Upper

101 100

85 45.4 35.8 53.8

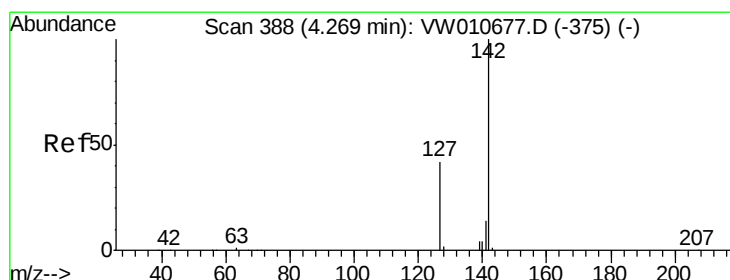
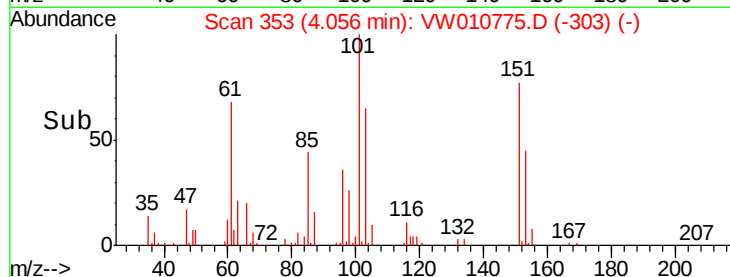
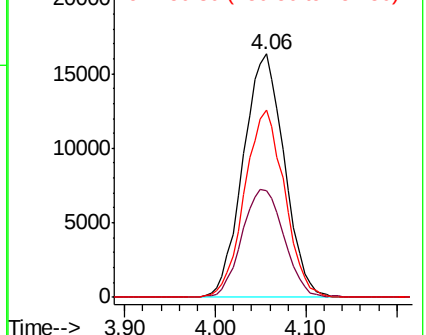
151 74.8 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.017 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

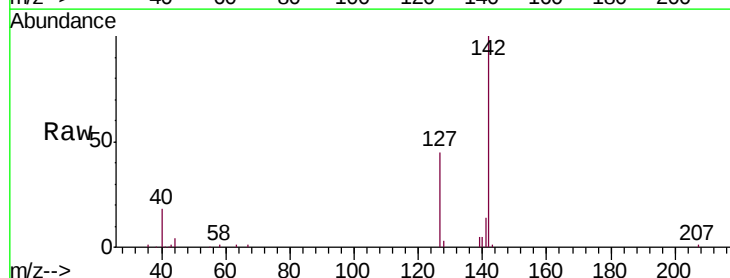
Tgt Ion:142 Resp: 38165

Ion Ratio Lower Upper

142 100

127 45.4 34.6 51.8

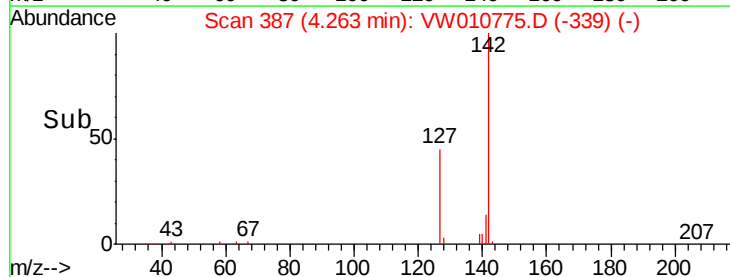
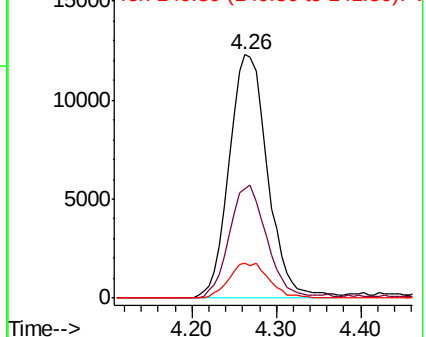
141 14.9 11.6 17.4

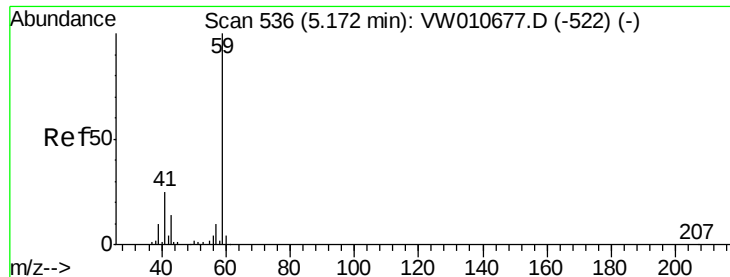


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



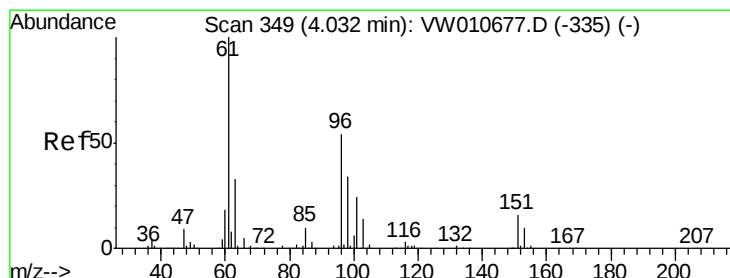
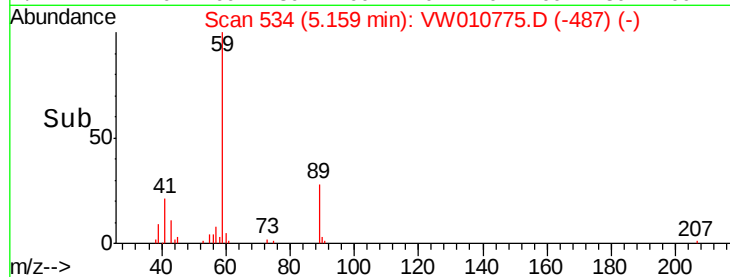
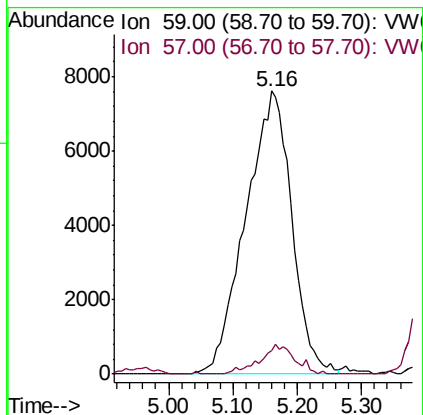
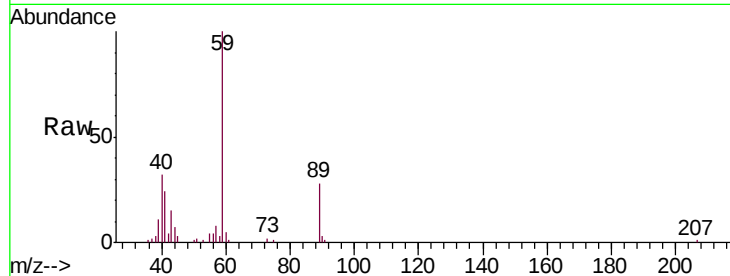


#11

Tert butyl alcohol
 Concen: 167.502 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

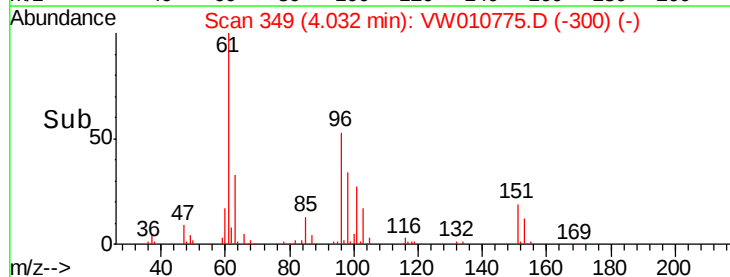
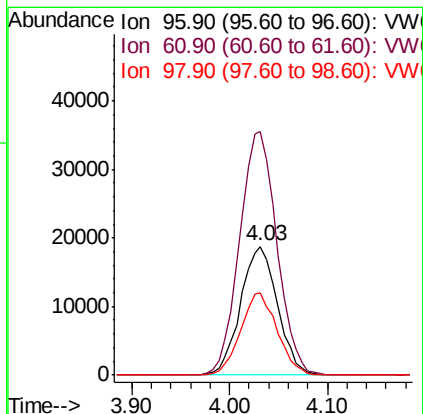
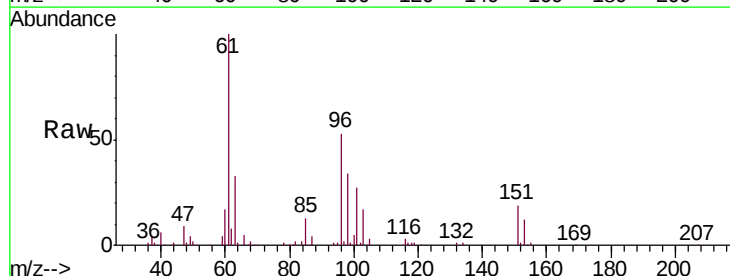
Tgt Ion: 59 Resp: 37792
 Ion Ratio Lower Upper
 59 100
 57 7.9 8.6 12.8#

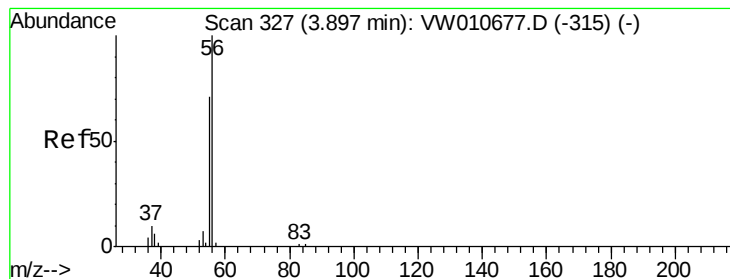


#12

1,1-Dichloroethene
 Concen: 21.622 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 96 Resp: 49131
 Ion Ratio Lower Upper
 96 100
 61 188.9 149.1 223.7
 98 64.2 51.1 76.7





#13

Acrolein

Concen: 81.511 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

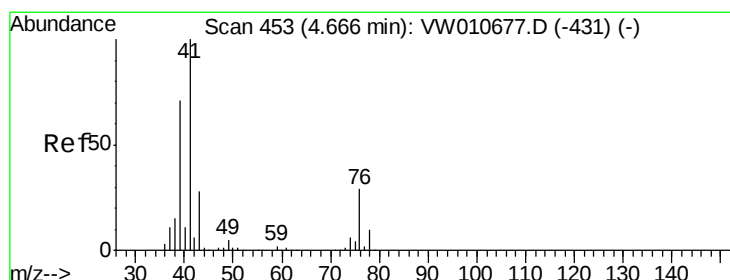
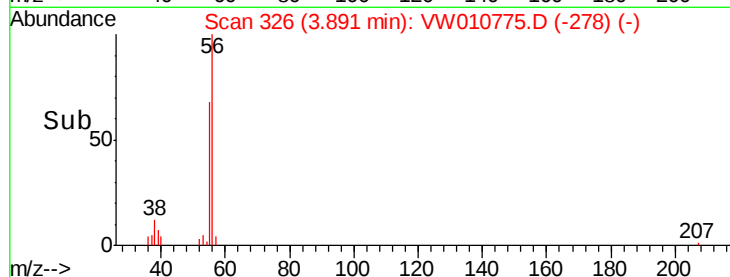
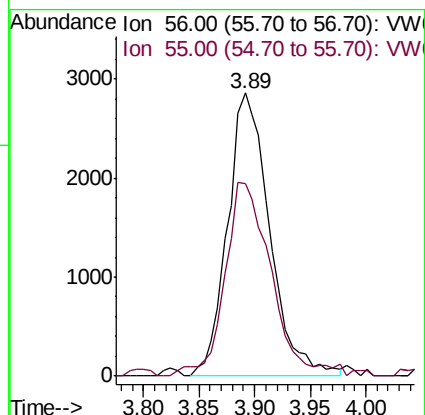
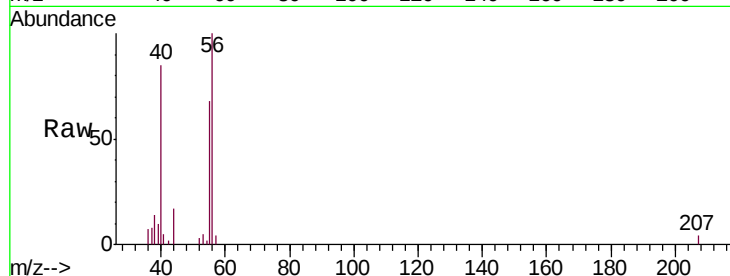
VW0612SBSD01

Tgt Ion: 56 Resp: 7515

Ion Ratio Lower Upper

56 100

55 74.9 57.6 86.4



#14

Allyl chloride

Concen: 22.300 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

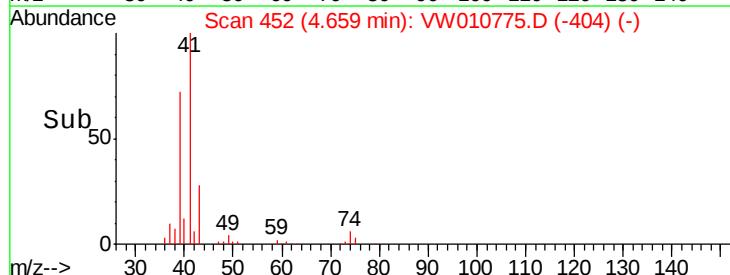
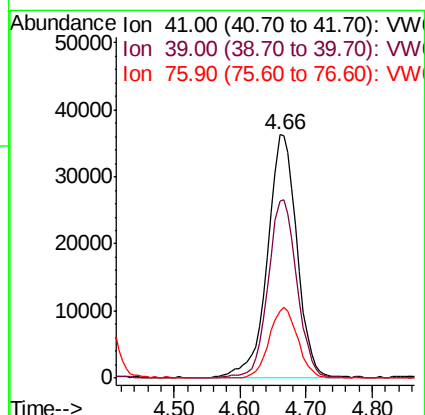
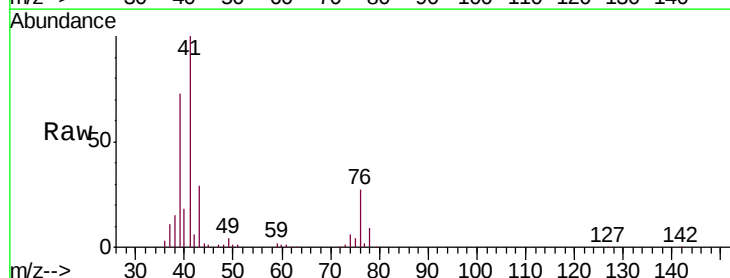
Tgt Ion: 41 Resp: 111725

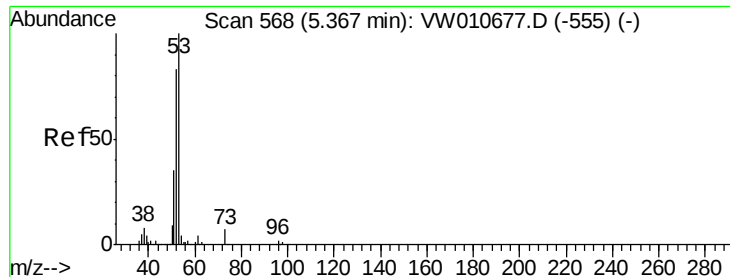
Ion Ratio Lower Upper

41 100

39 71.6 55.8 83.6

76 28.1 22.7 34.1





#15

Acrylonitrile

Concen: 112.394 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

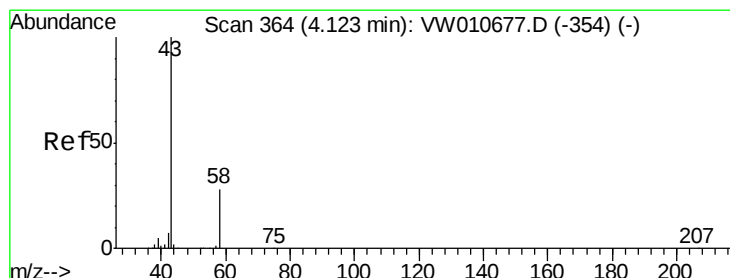
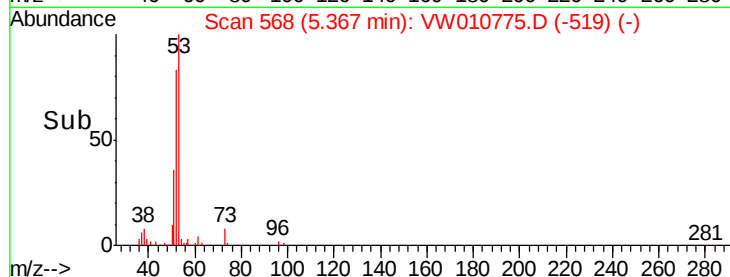
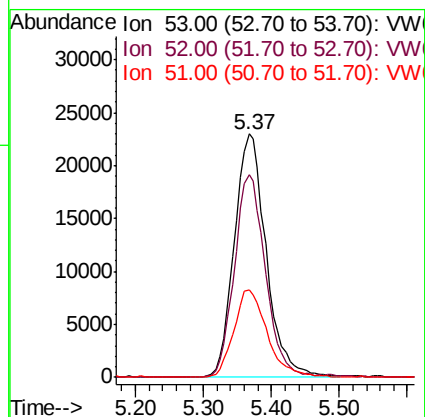
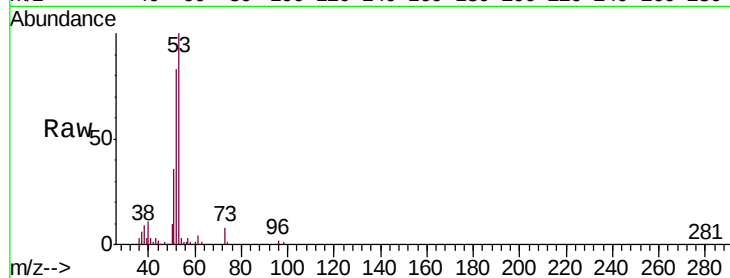
Tgt Ion: 53 Resp: 74762

Ion Ratio Lower Upper

53 100

52 81.2 66.6 100.0

51 37.8 29.8 44.8



#16

Acetone

Concen: 108.475 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010775.D

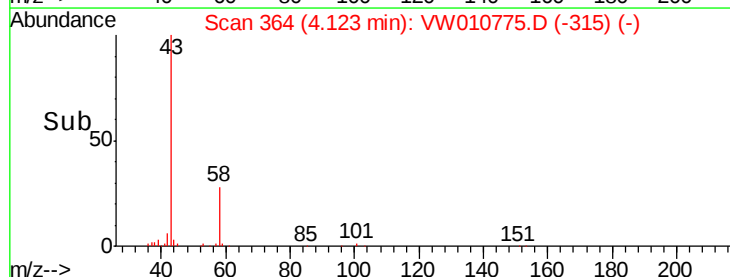
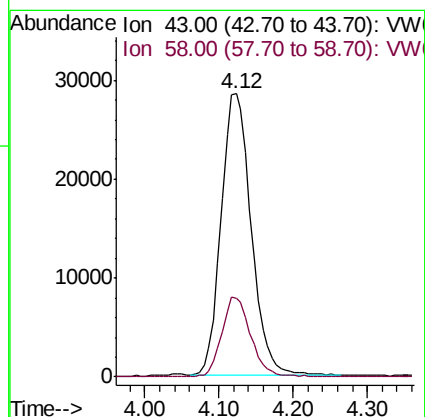
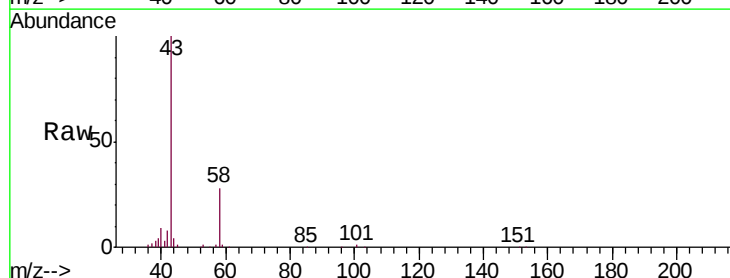
Acq: 12 Jun 2019 13:51

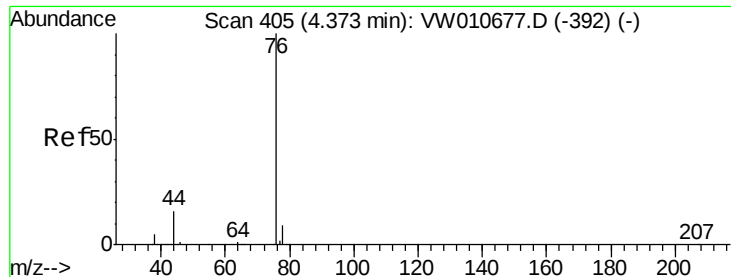
Tgt Ion: 43 Resp: 80496

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1

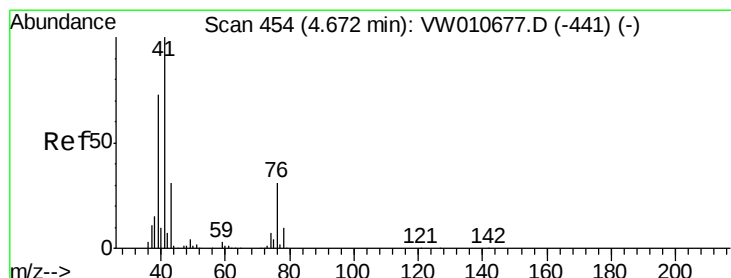
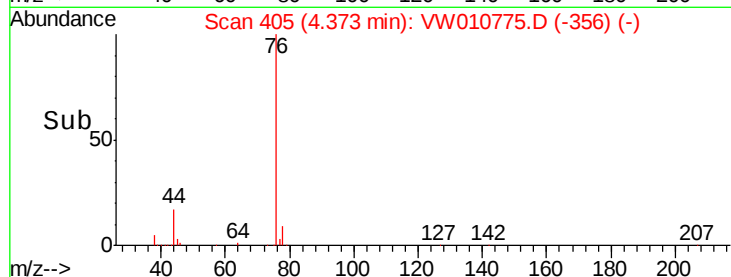
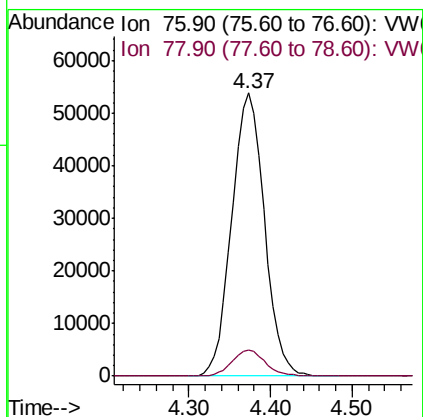
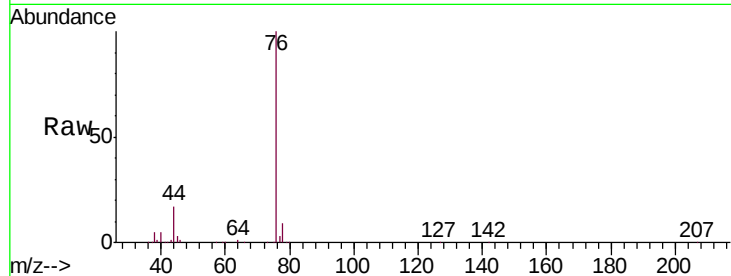




#17
Carbon Disulfide
Concen: 20.783 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

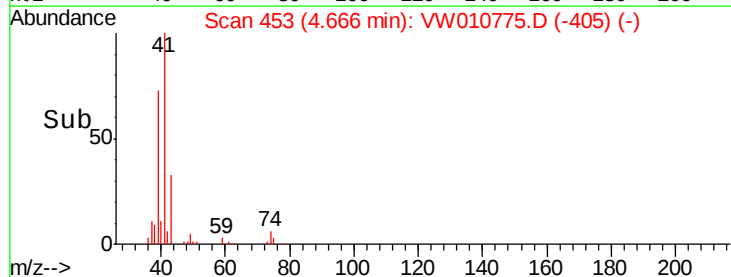
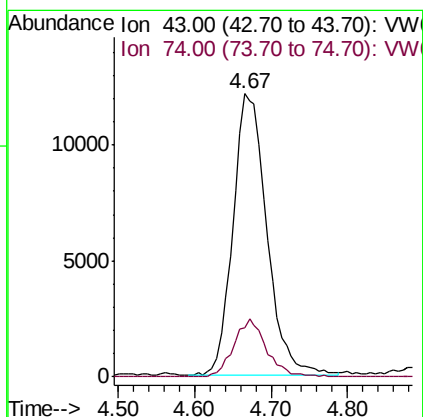
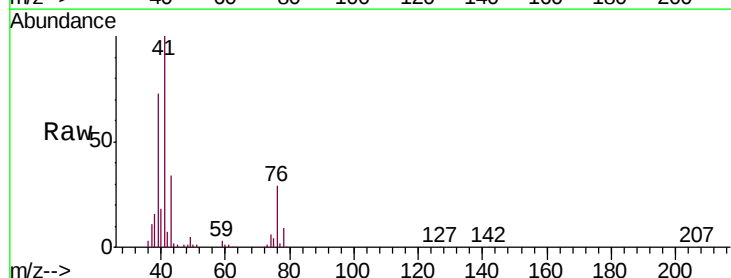
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

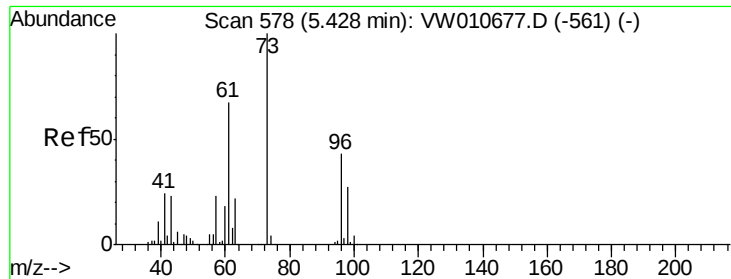
Tgt Ion: 76 Resp: 149912
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 23.122 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 43 Resp: 36934
Ion Ratio Lower Upper
43 100
74 19.9 16.7 25.1

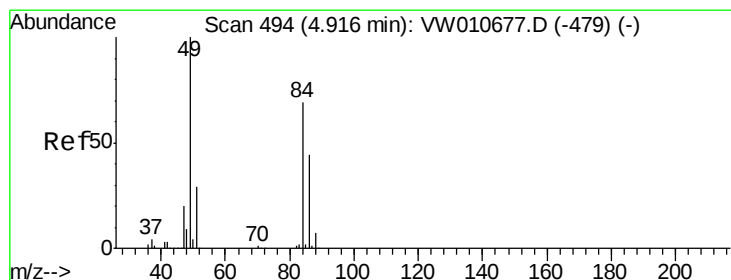
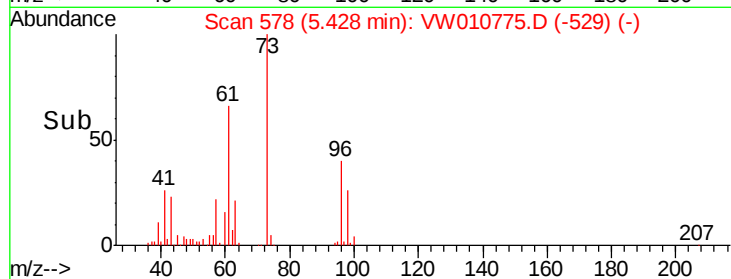
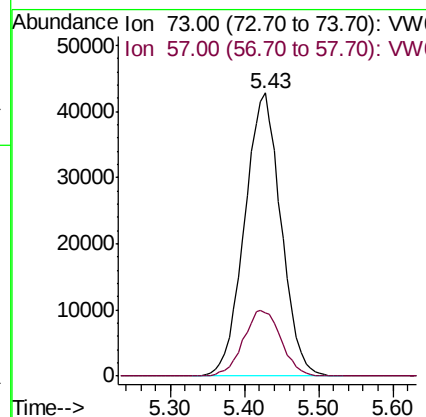
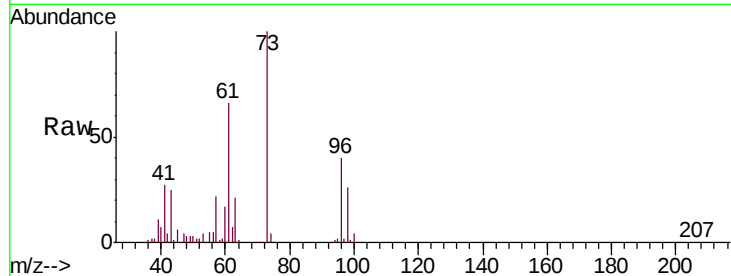




#19
Methyl tert-butyl Ether
Concen: 22.348 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

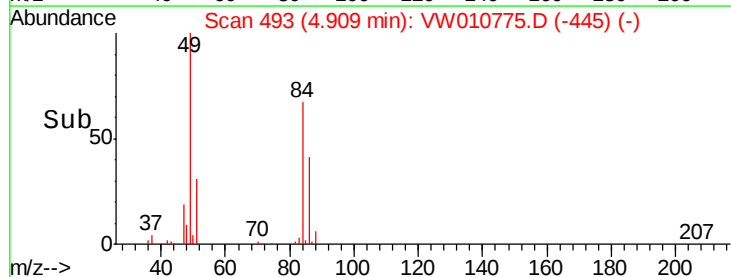
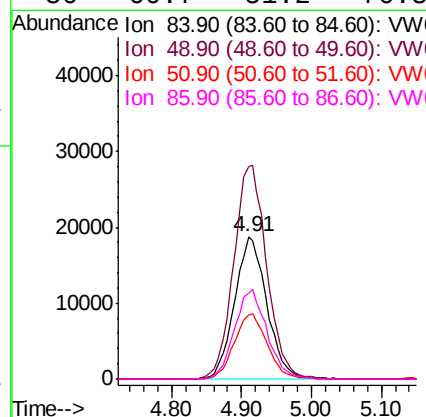
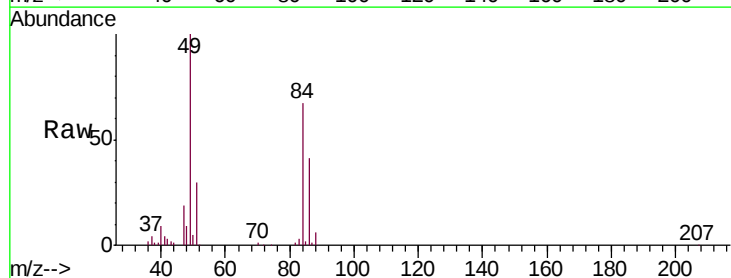
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

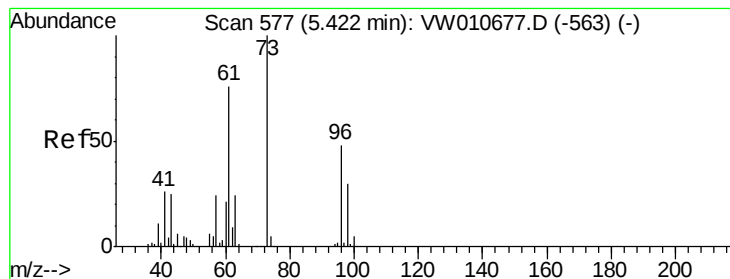
Tgt Ion: 73 Resp: 146459
Ion Ratio Lower Upper
73 100
57 22.3 18.6 27.8



#20
Methylene Chloride
Concen: 23.130 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 84 Resp: 60213
Ion Ratio Lower Upper
84 100
49 149.3 116.7 175.1
51 45.4 34.2 51.2
86 60.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.248 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

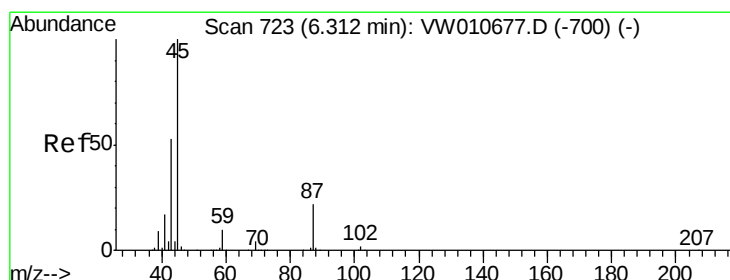
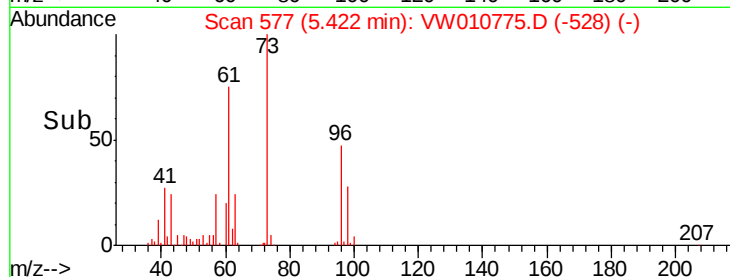
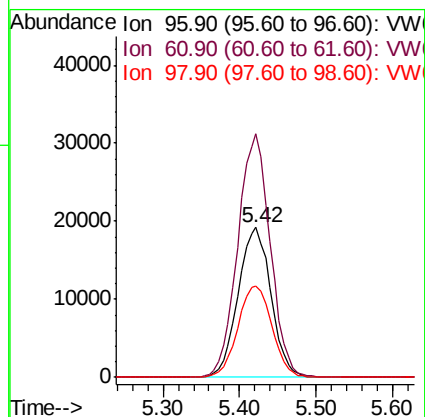
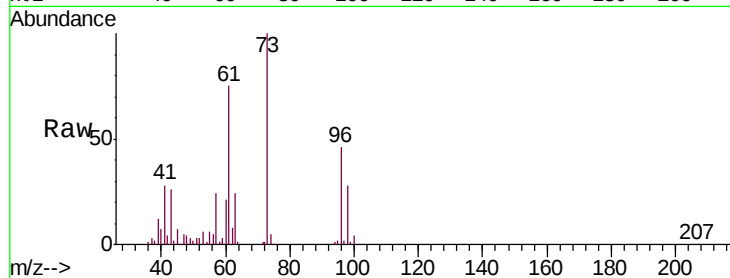
Tgt Ion: 96 Resp: 57389

Ion Ratio Lower Upper

96 100

61 162.5 126.0 189.0

98 61.0 49.6 74.4



#22

Diisopropyl ether

Concen: 23.206 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion: 45 Resp: 232766

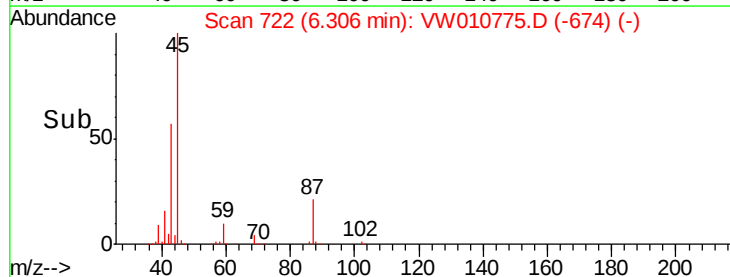
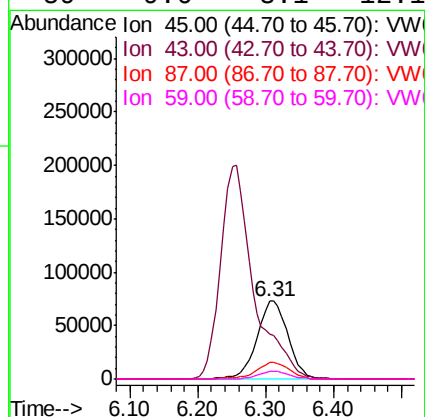
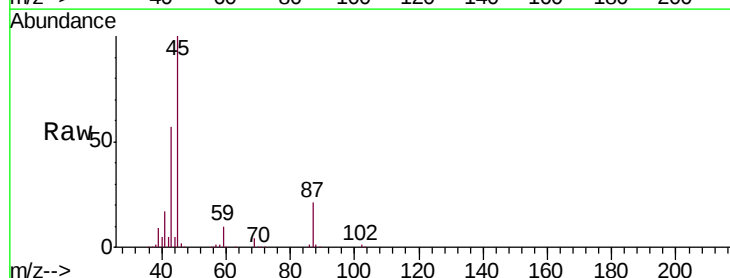
Ion Ratio Lower Upper

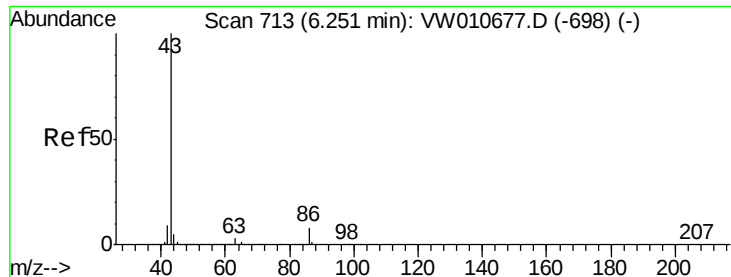
45 100

43 57.0 42.5 63.7

87 21.0 17.4 26.2

59 9.6 8.1 12.1





#23

Vinyl Acetate

Concen: 111.625 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

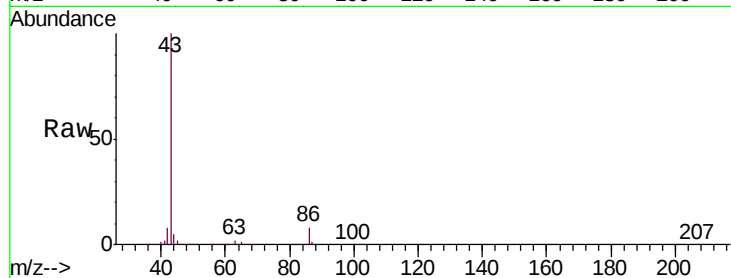
VW0612SBSD01

Tgt Ion: 43 Resp: 675706

Ion Ratio Lower Upper

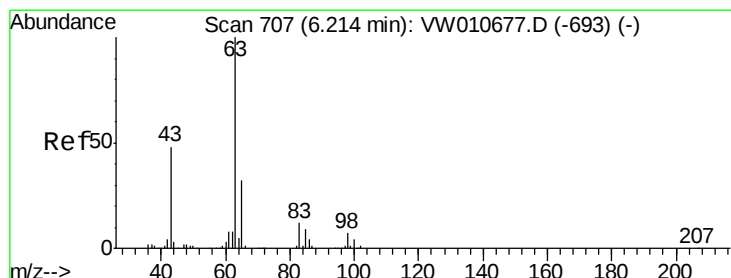
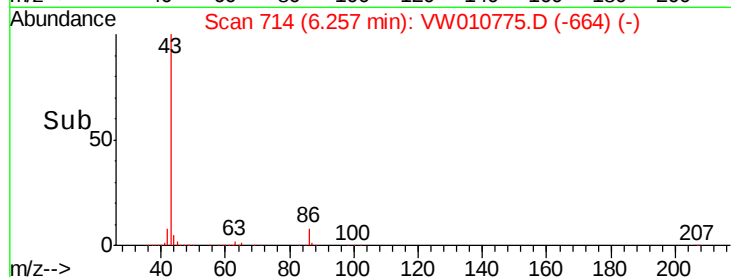
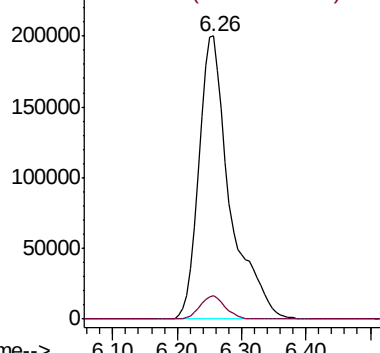
43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.685 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

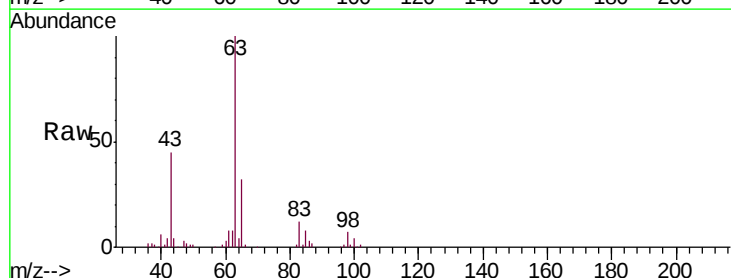
Tgt Ion: 63 Resp: 114030

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

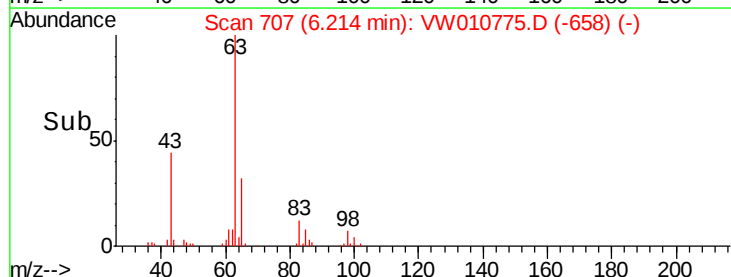
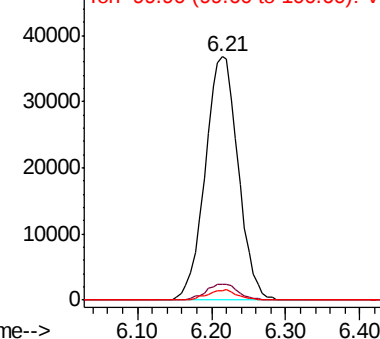
100 3.9 2.1 6.3

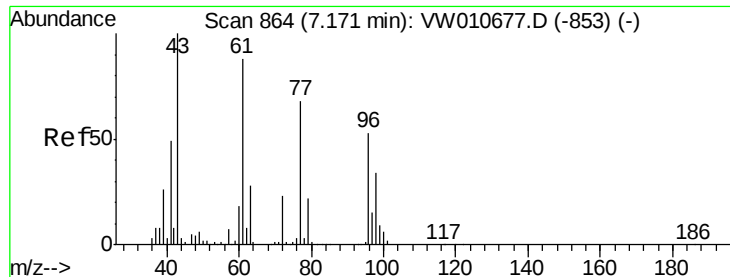


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 114.605 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

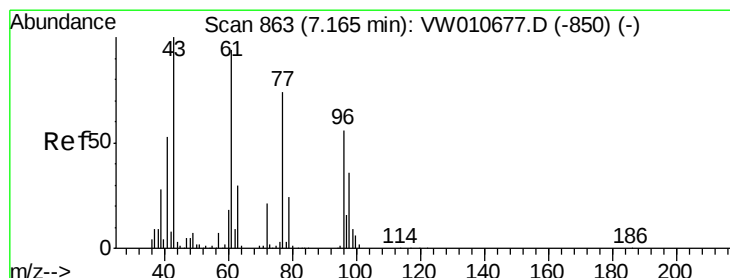
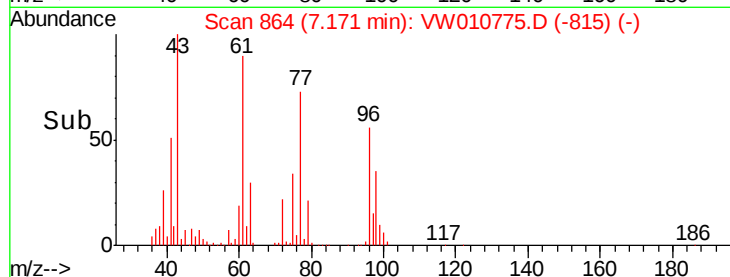
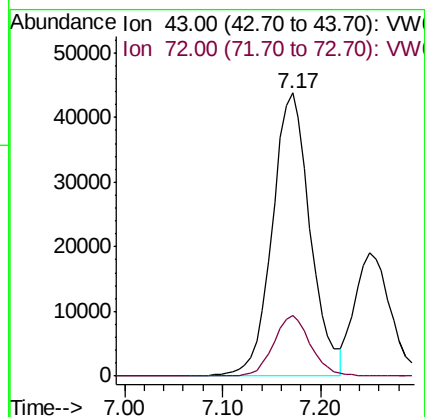
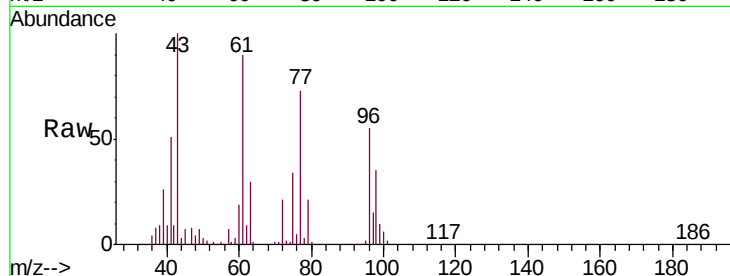
VW0612SBSD01

Tgt Ion: 43 Resp: 117926

Ion Ratio Lower Upper

43 100

72 21.6 18.1 27.1



#26

2,2-Dichloropropane

Concen: 24.360 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010775.D

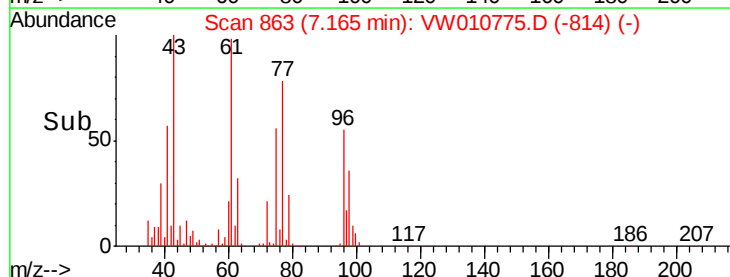
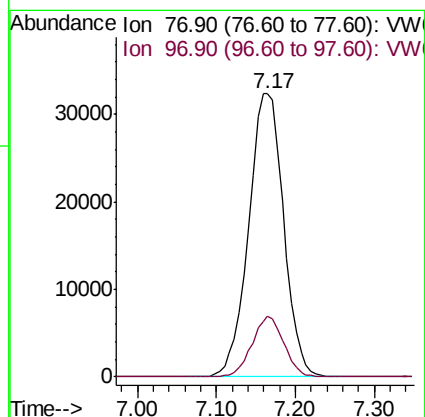
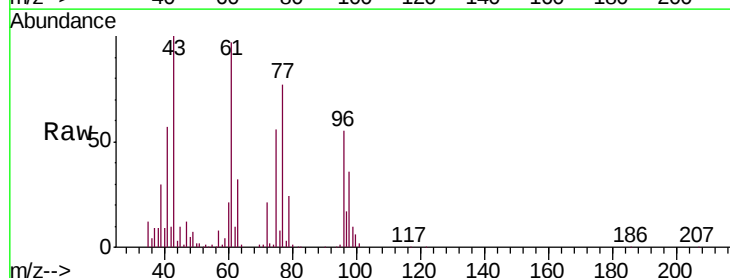
Acq: 12 Jun 2019 13:51

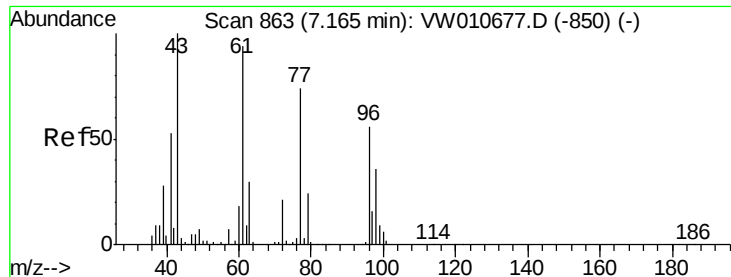
Tgt Ion: 77 Resp: 99641

Ion Ratio Lower Upper

77 100

97 19.5 10.5 31.6



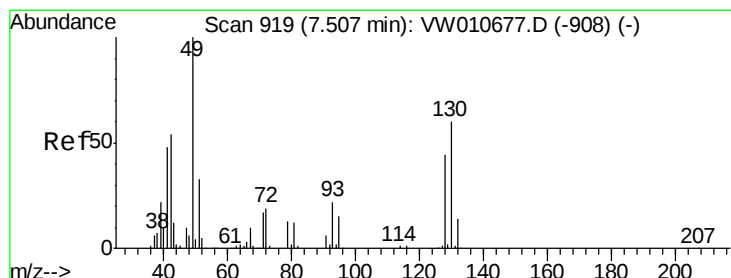
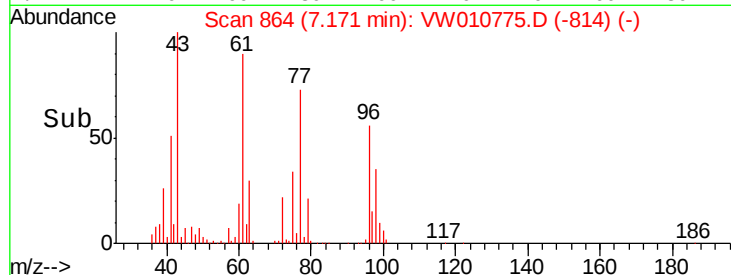
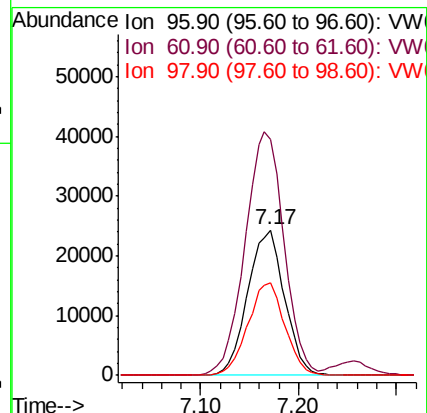
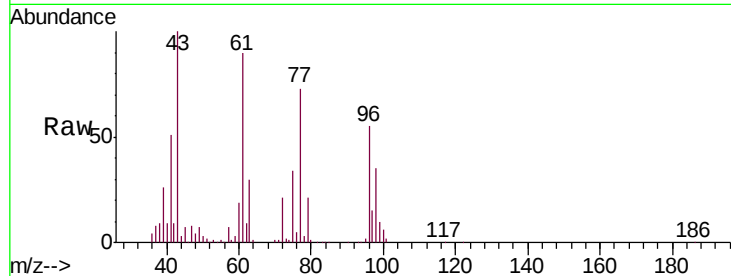


#27

cis-1,2-Dichloroethene
Concen: 22.345 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

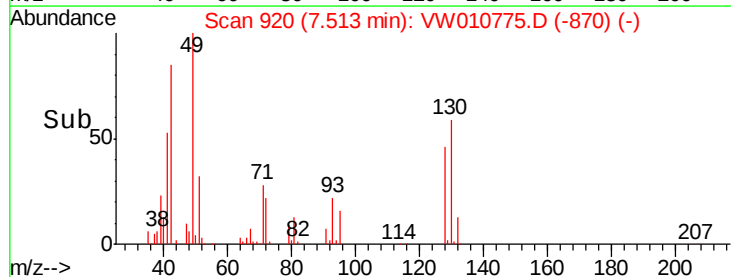
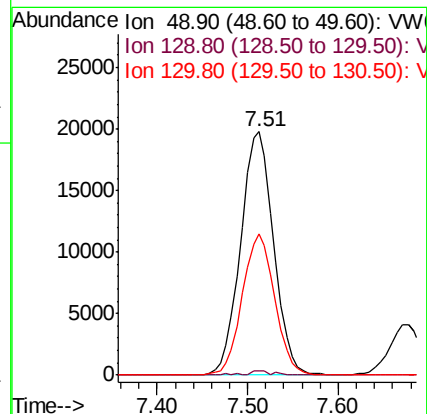
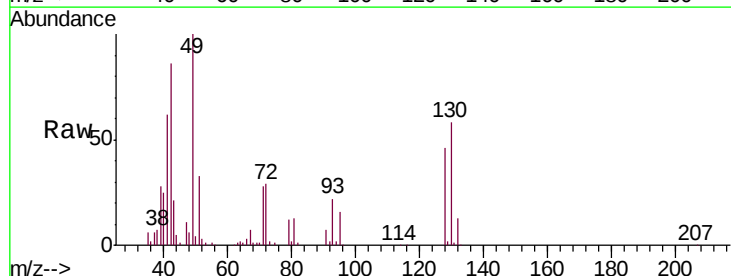
Tgt Ion: 96 Resp: 63431
Ion Ratio Lower Upper
96 100
61 177.3 0.0 336.4
98 63.9 0.0 128.0

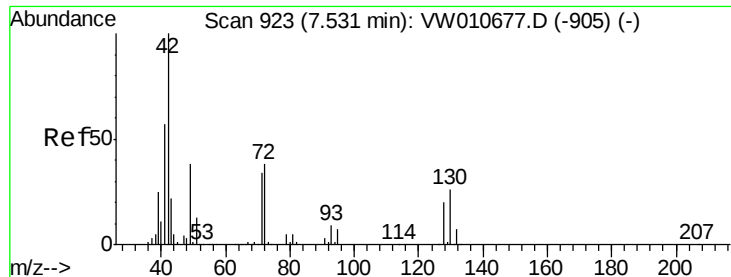


#28

Bromochloromethane
Concen: 22.224 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 49 Resp: 49855
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.2
130 57.0 48.3 72.5

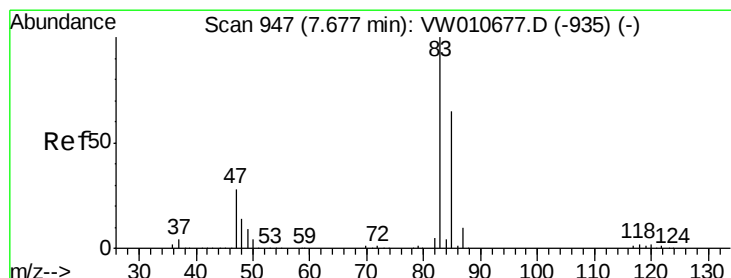
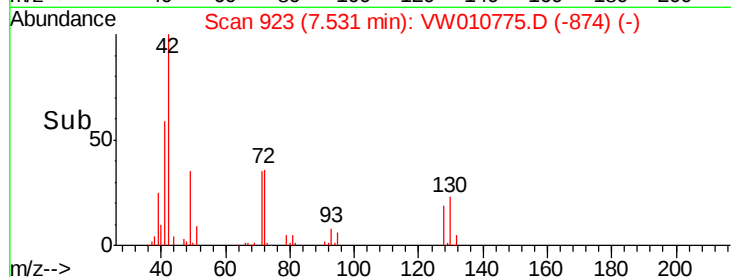
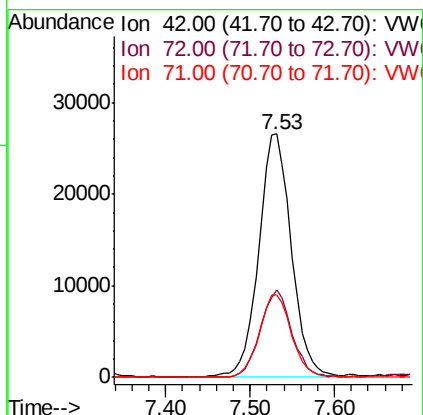
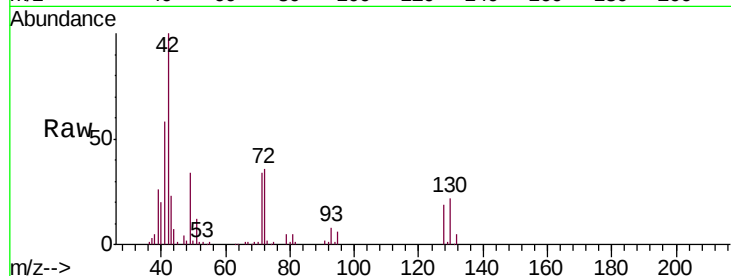




#29
Tetrahydrofuran
Concen: 108.766 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

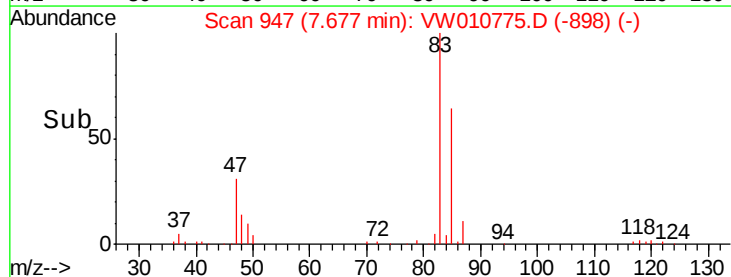
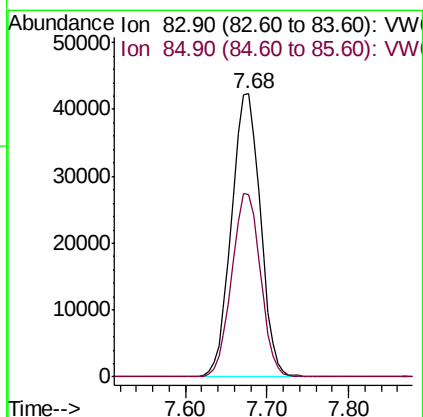
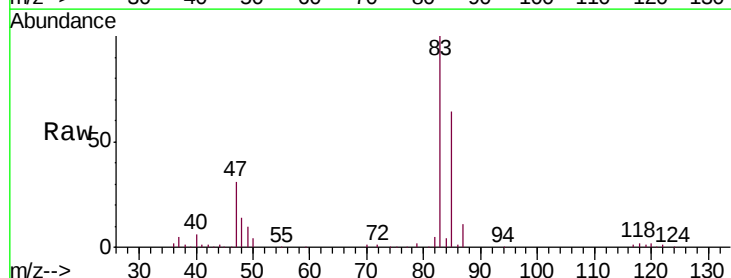
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

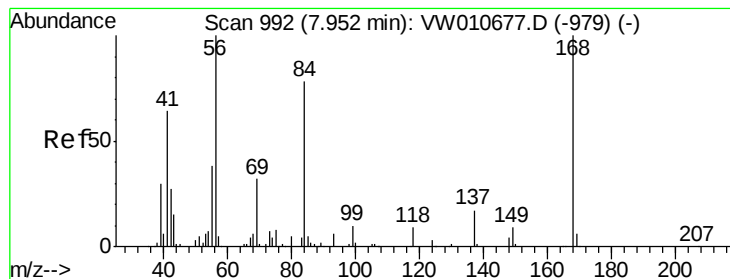
Tgt Ion: 42 Resp: 70396
Ion Ratio Lower Upper
42 100
72 34.9 28.7 43.1
71 33.7 26.6 39.8



#30
Chloroform
Concen: 22.561 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 83 Resp: 103731
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8





#31

Cyclohexane

Concen: 21.584 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

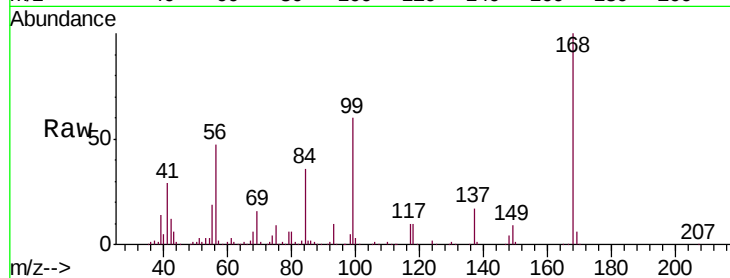
Tgt Ion: 56 Resp: 120607

Ion Ratio Lower Upper

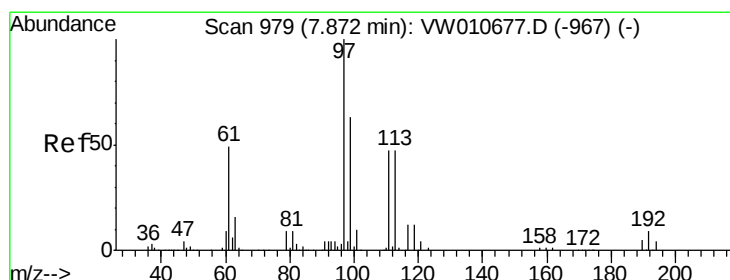
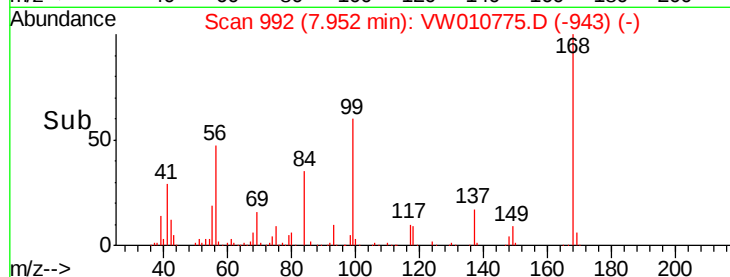
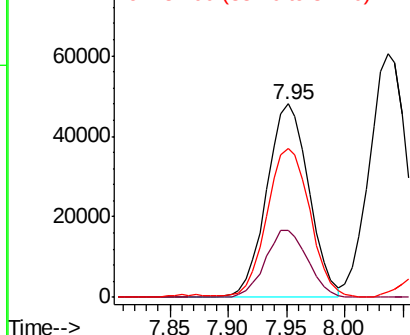
56 100

69 34.3 25.2 37.8

84 76.1 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: 22.603 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

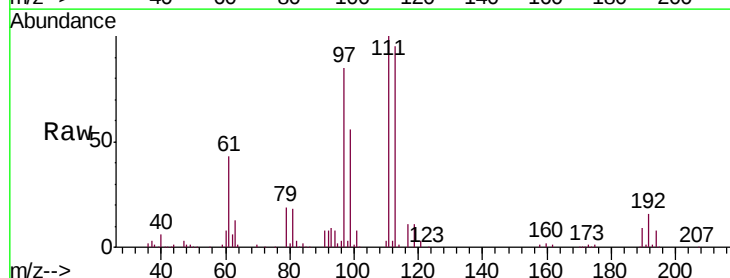
Tgt Ion: 97 Resp: 90781

Ion Ratio Lower Upper

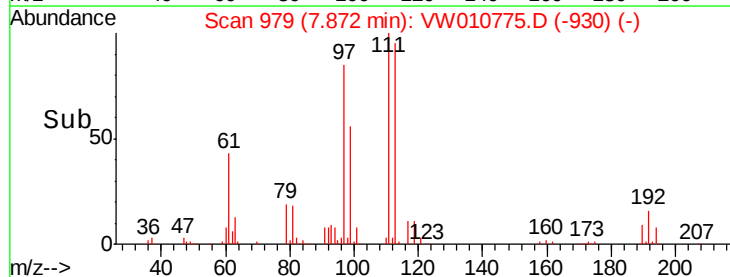
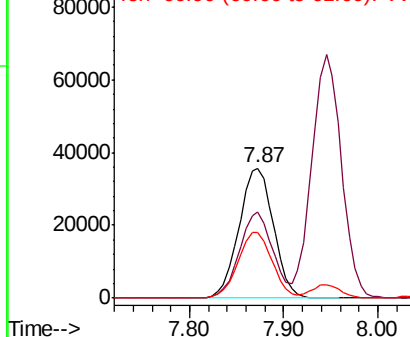
97 100

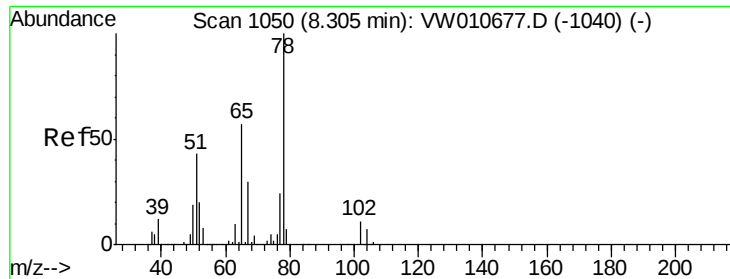
99 64.9 51.3 76.9

61 50.6 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

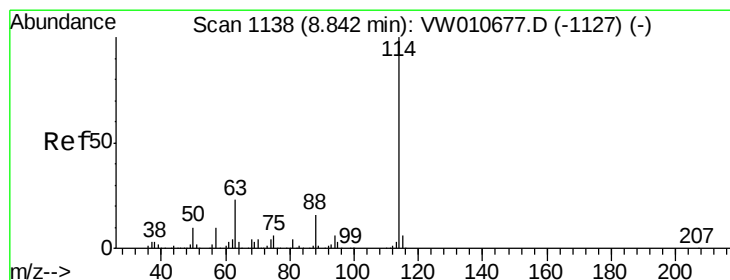
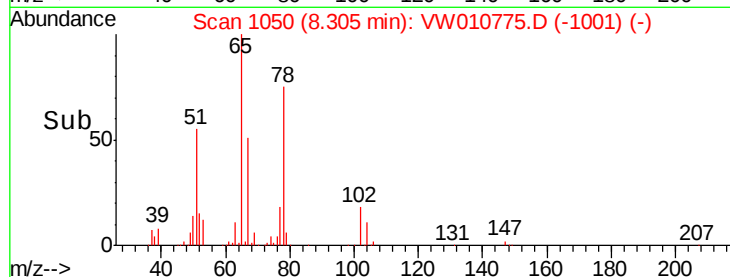
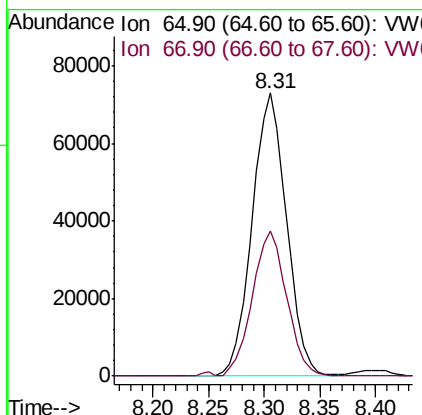
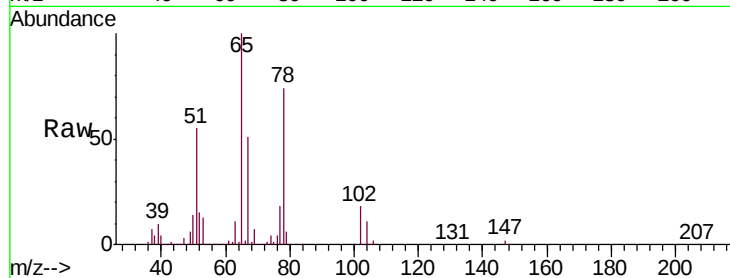




#33
 1,2-Dichloroethane-d4
 Concen: 56.759 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

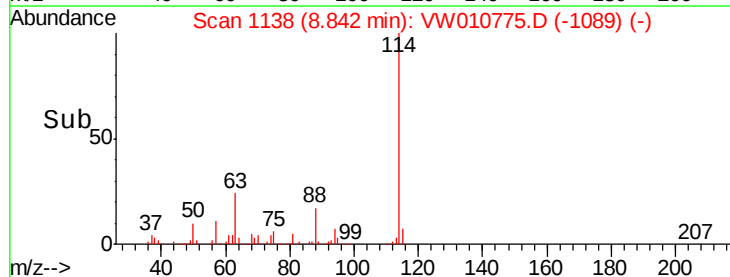
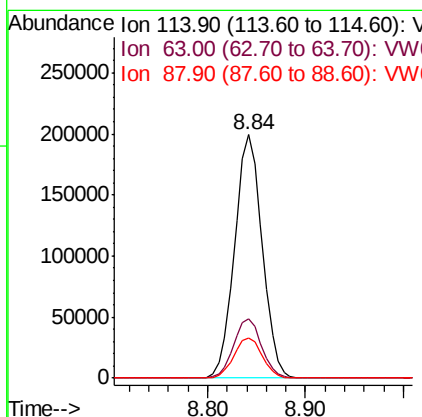
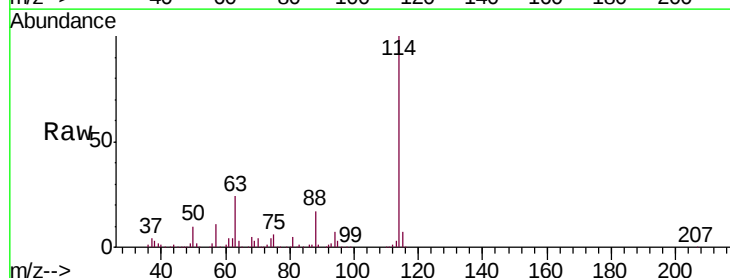
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

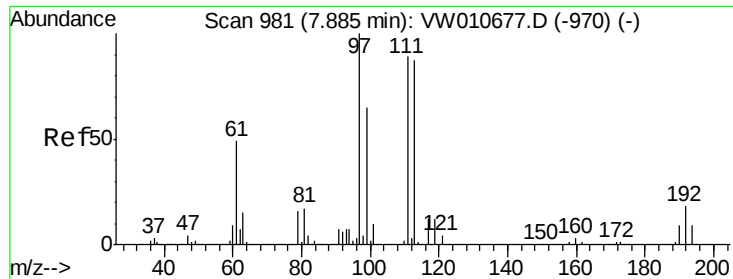
Tgt Ion: 65 Resp: 157190
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 114 Resp: 389224
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.4
 88 16.7 0.0 32.2

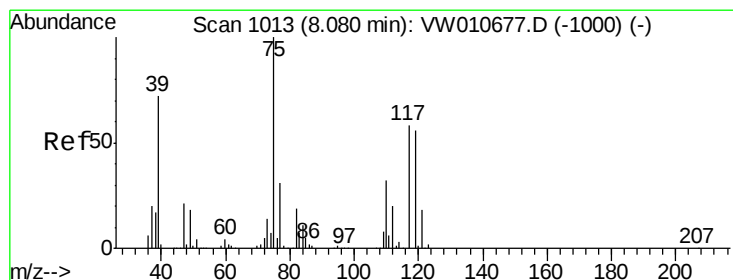
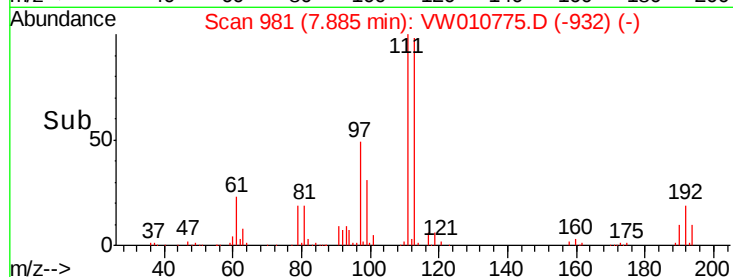
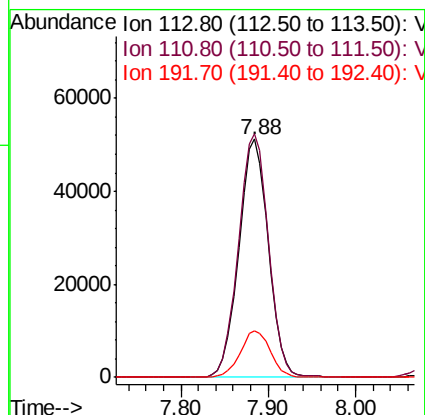
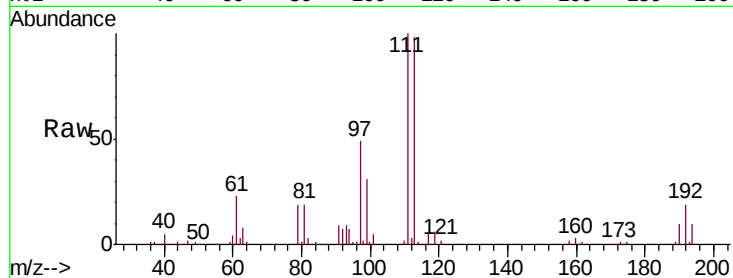




#35
 Dibromofluoromethane
 Concen: 56.927 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

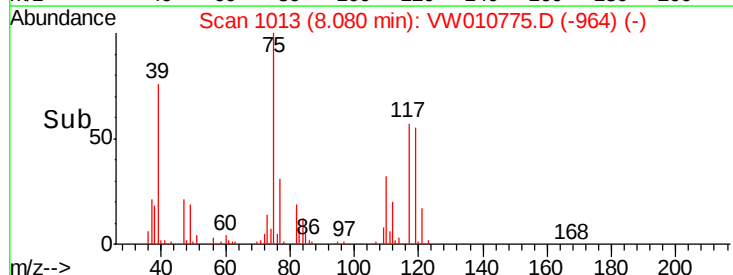
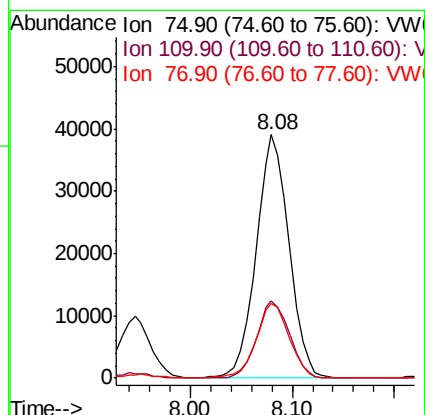
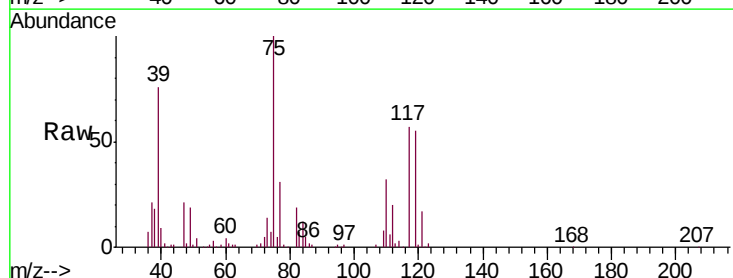
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

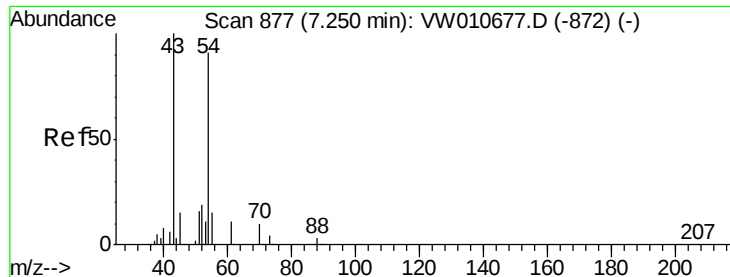
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	19.7	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 21.833 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	15.8	47.3
77	31.4	24.7	37.1

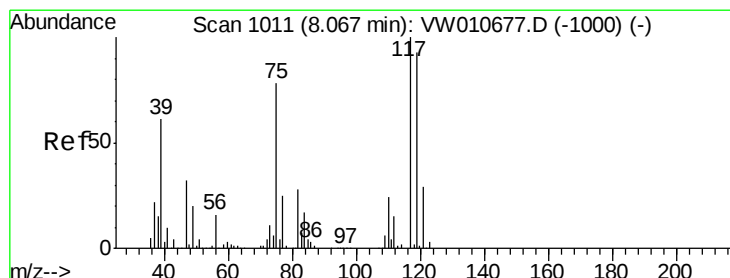
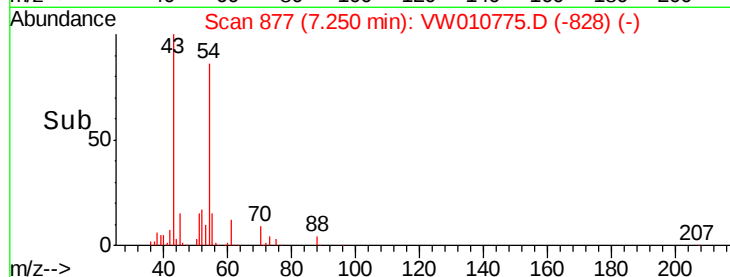
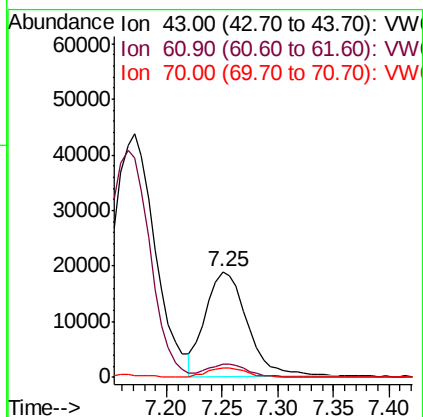
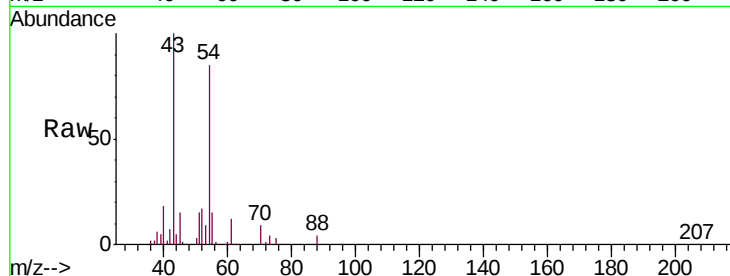




#37
Ethyl Acetate
Concen: 22.253 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

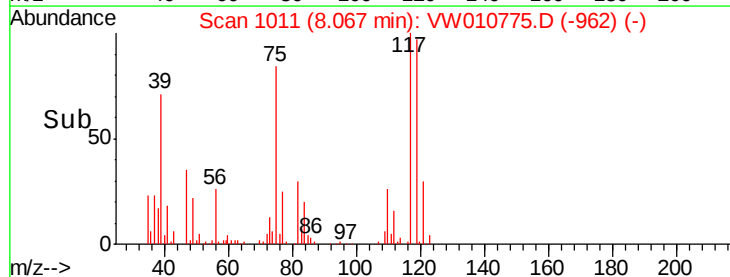
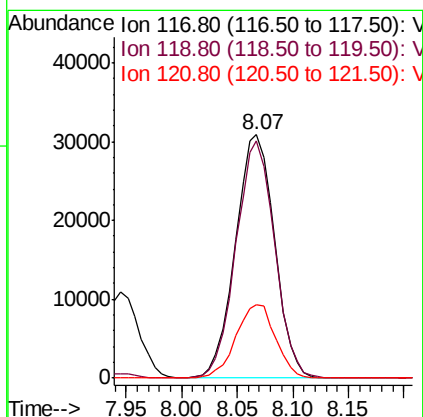
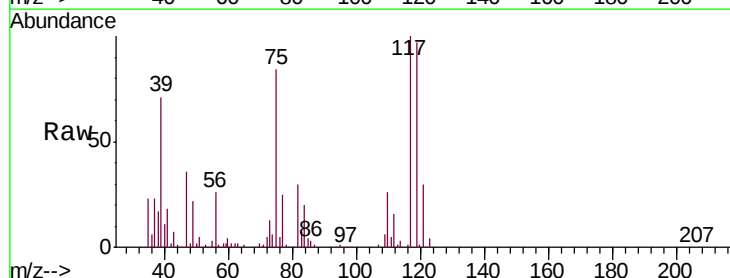
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

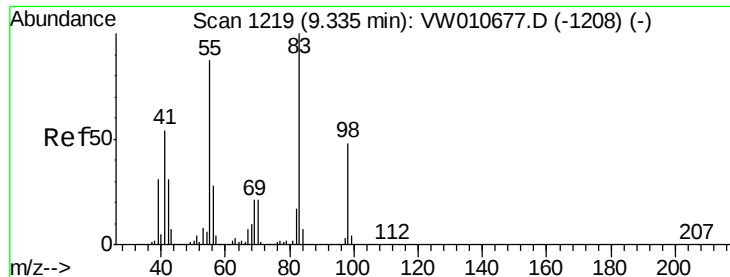
Tgt Ion: 43 Resp: 49130
Ion Ratio Lower Upper
43 100
61 12.3 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.966 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 117 Resp: 75549
Ion Ratio Lower Upper
117 100
119 97.4 74.2 111.4
121 30.0 22.9 34.3

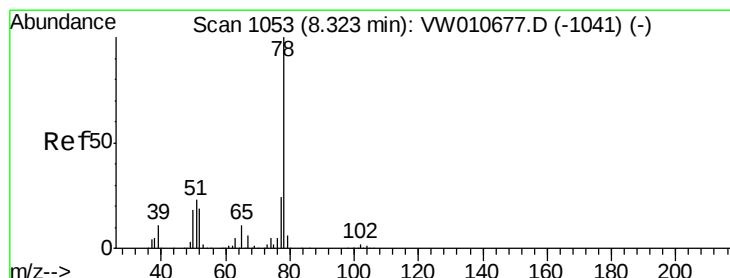
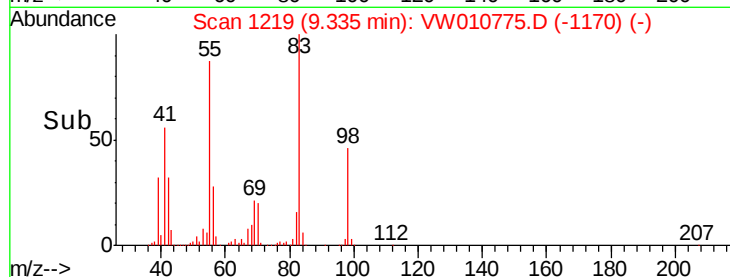
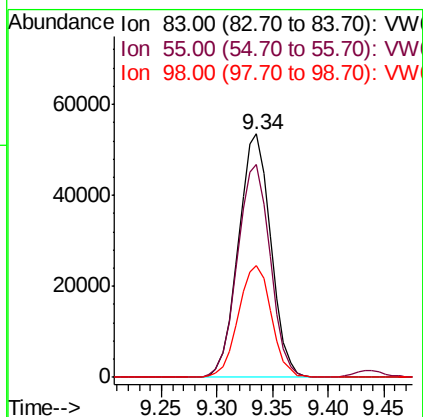
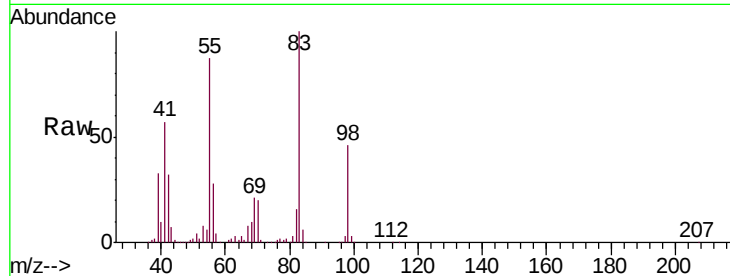




#39
Methylcyclohexane
Concen: 21.335 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

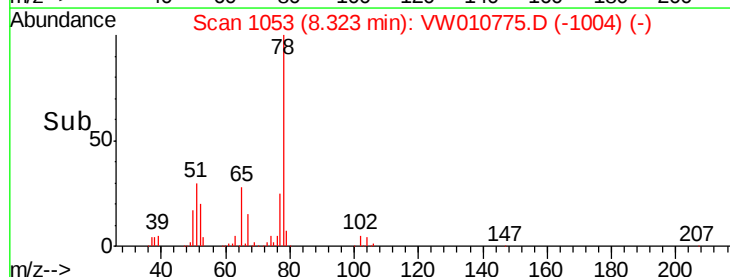
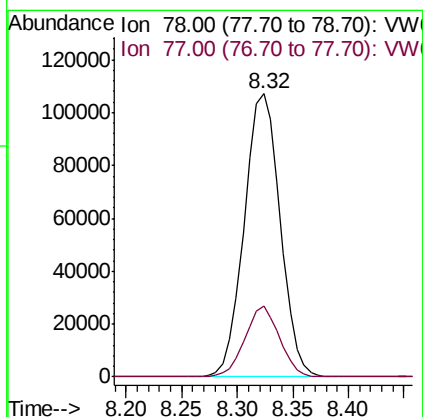
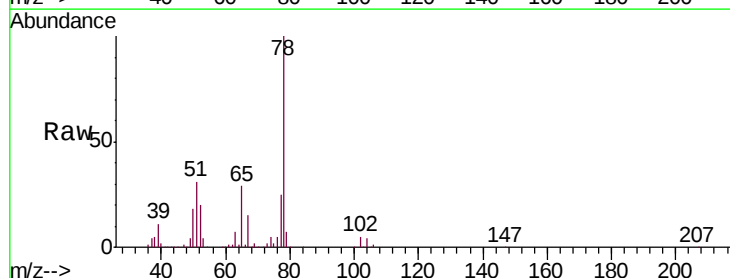
Instrument :
MSVOA_W
ClientSampled :
VW0612SBSD01

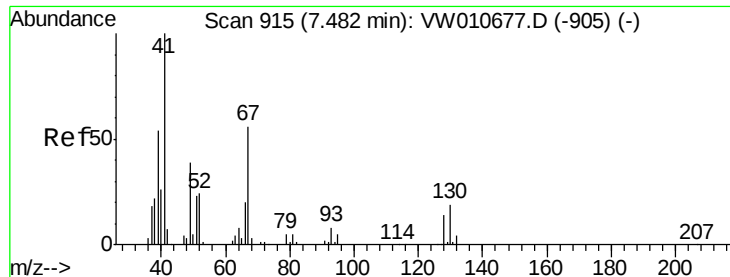
Tgt Ion: 83 Resp: 108055
Ion Ratio Lower Upper
83 100
55 87.3 70.0 105.0
98 46.2 38.1 57.1



#40
Benzene
Concen: 22.181 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 78 Resp: 241084
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7





#41

Methacrylonitrile

Concen: 21.646 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tgt Ion: 41 Resp: 28406

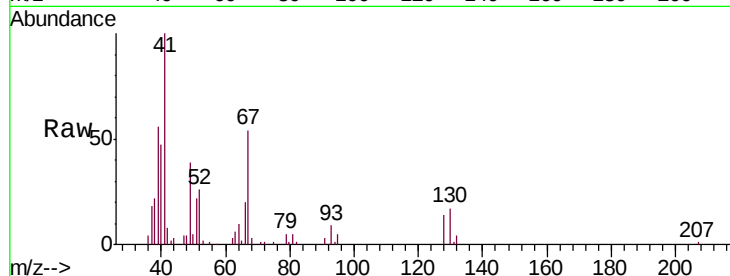
Ion Ratio Lower Upper

41 100

39 61.0 47.3 70.9

67 59.1 47.2 70.8

52 27.6 21.3 31.9



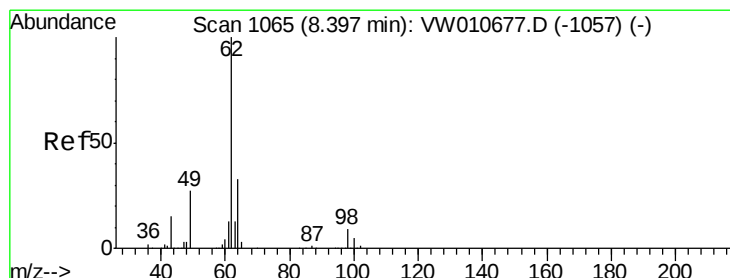
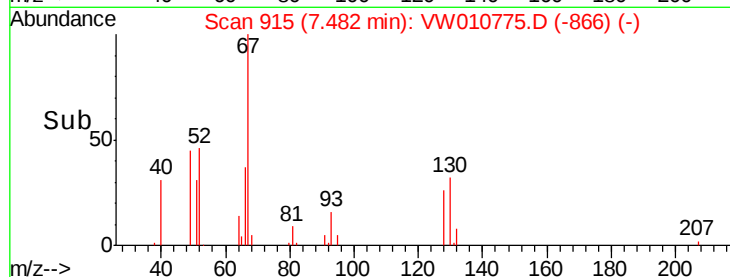
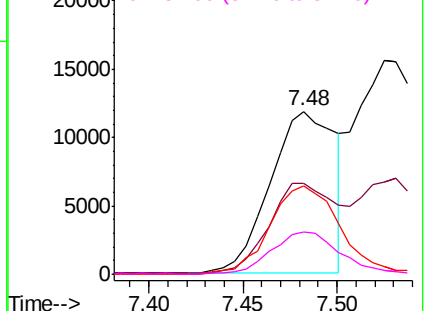
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 23.104 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010775.D

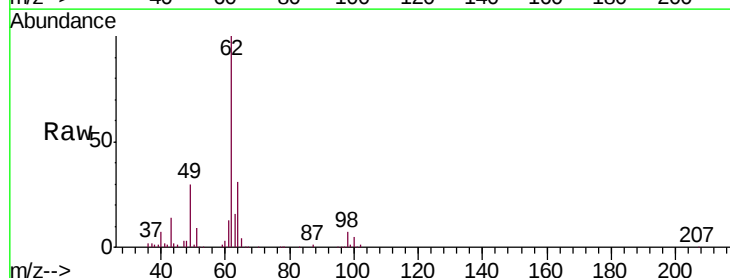
Acq: 12 Jun 2019 13:51

Tgt Ion: 62 Resp: 79701

Ion Ratio Lower Upper

62 100

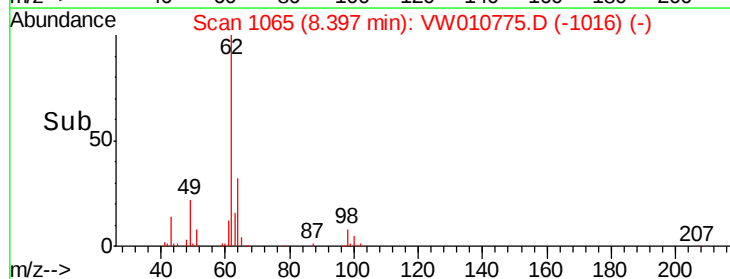
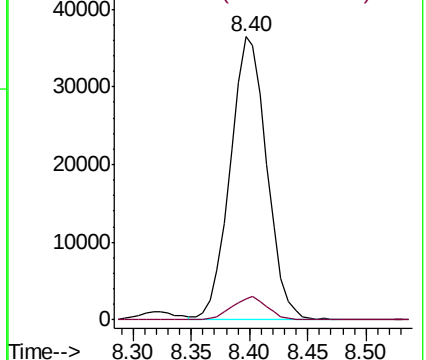
98 8.1 0.0 17.2

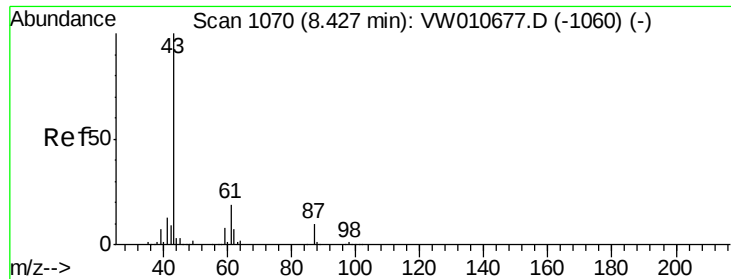


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.430 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

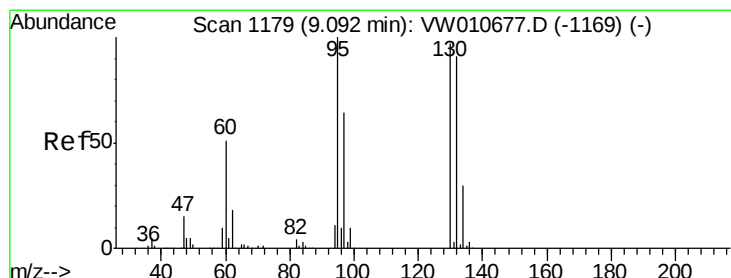
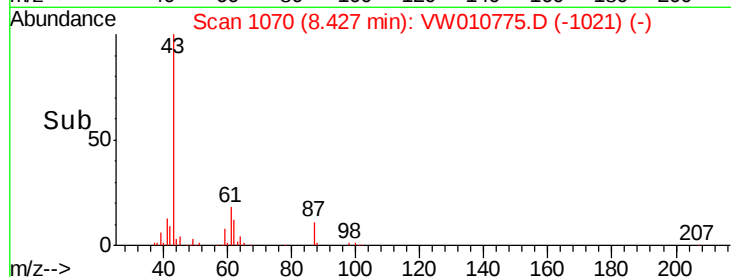
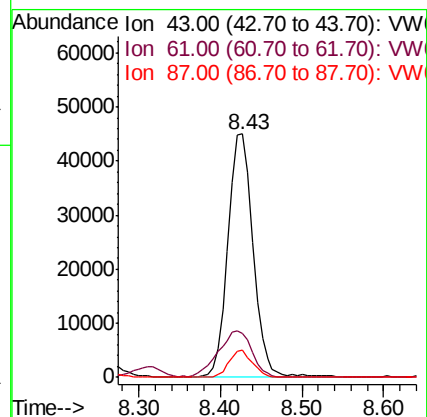
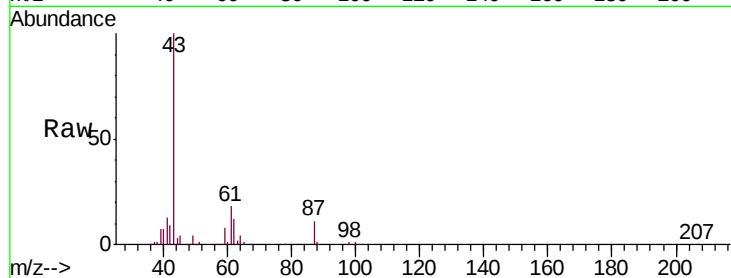
Tgt Ion: 43 Resp: 95671

Ion Ratio Lower Upper

43 100

61 25.6 21.2 31.8

87 10.4 8.3 12.5



#44

Trichloroethene

Concen: 22.038 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010775.D

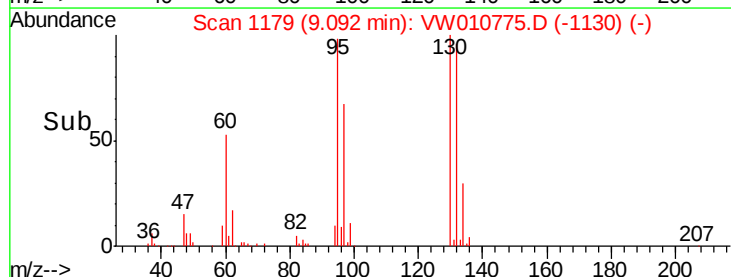
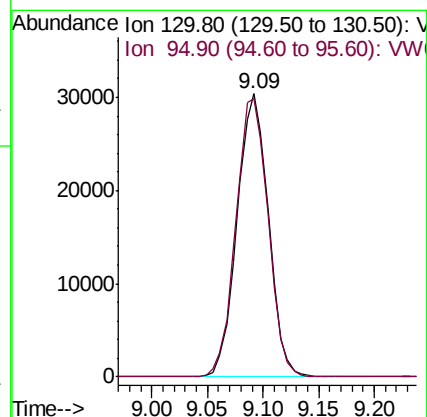
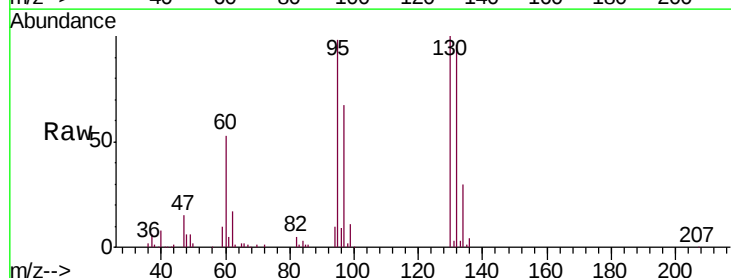
Acq: 12 Jun 2019 13:51

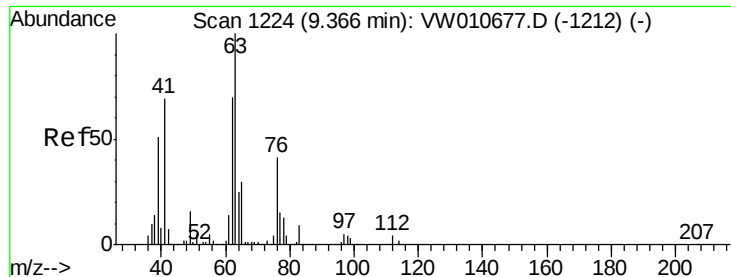
Tgt Ion: 130 Resp: 59086

Ion Ratio Lower Upper

130 100

95 98.4 0.0 207.0





#45

1,2-Dichloropropane

Concen: 22.627 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

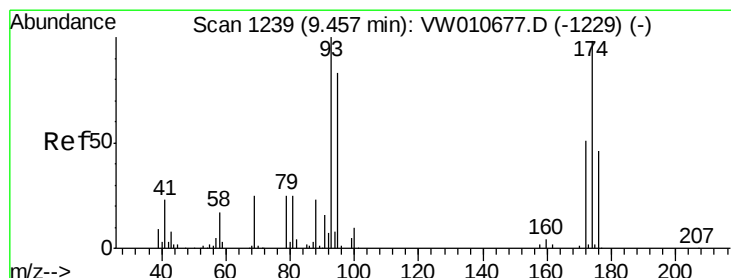
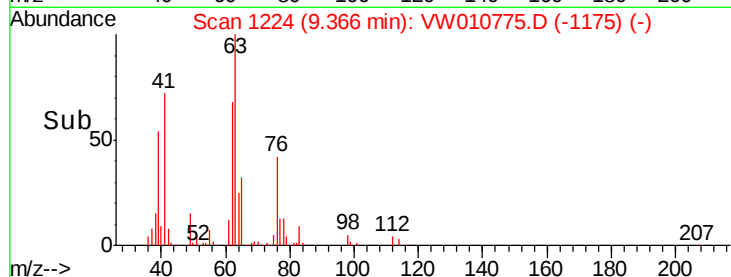
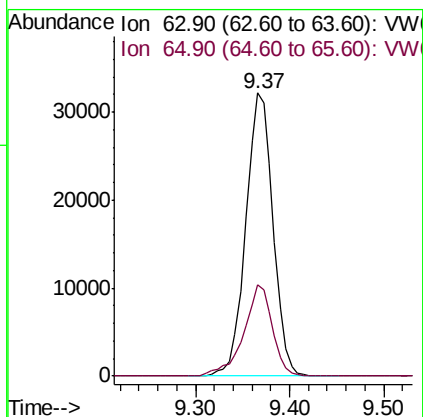
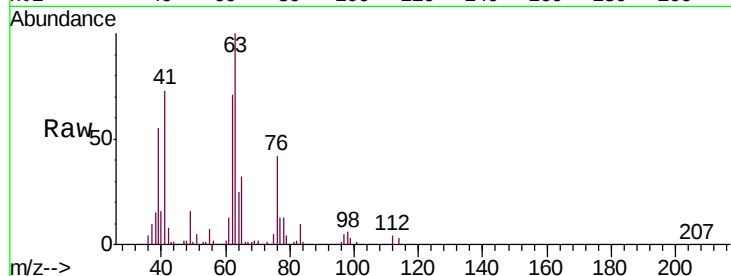
VW0612SBSD01

Tgt Ion: 63 Resp: 65102

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 21.555 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

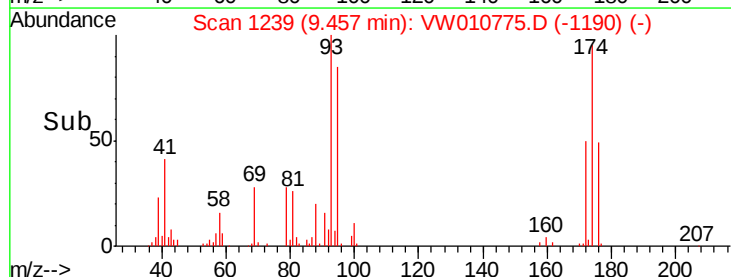
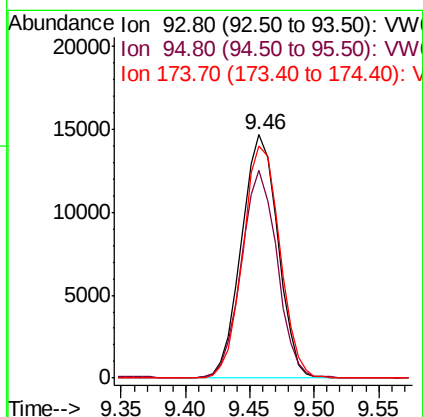
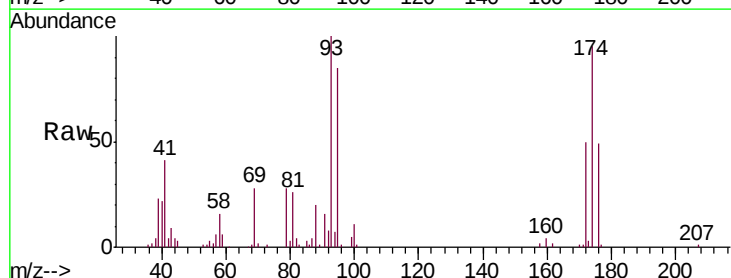
Tgt Ion: 93 Resp: 28806

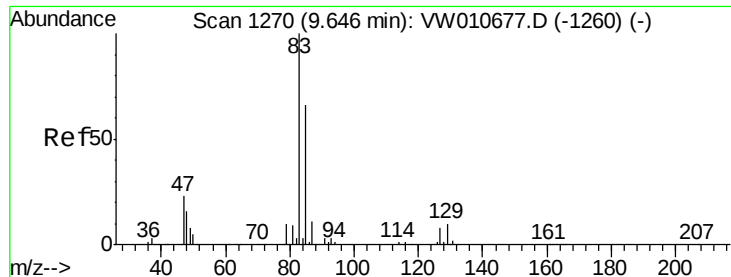
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 96.5 77.4 116.0

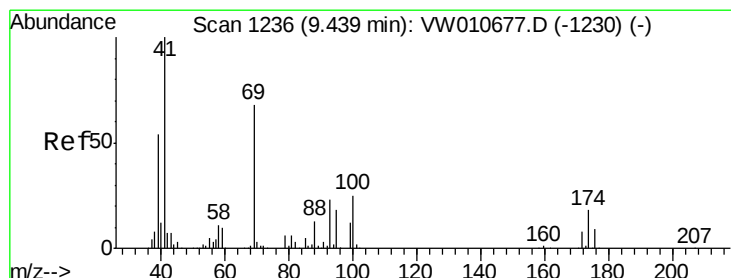
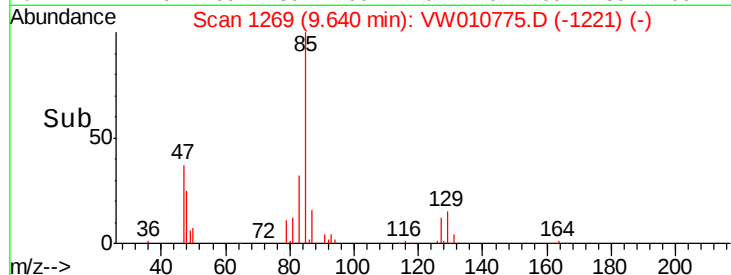
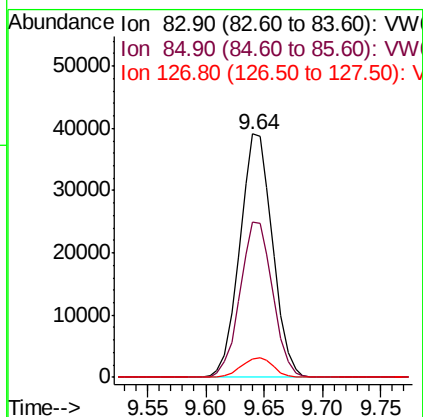
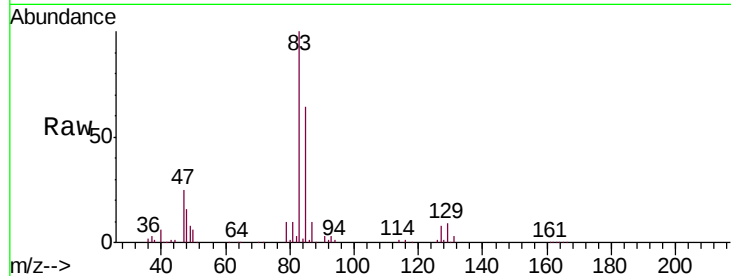




#47
 Bromodichloromethane
 Concen: 22.090 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

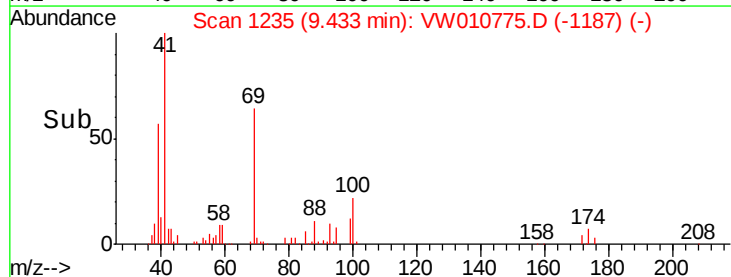
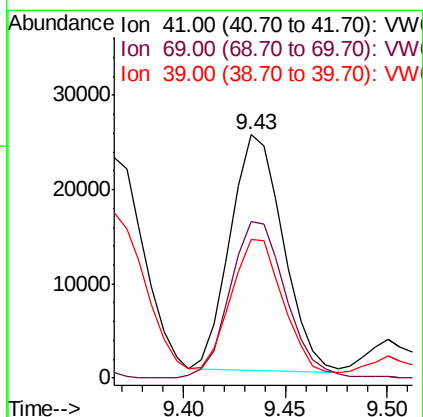
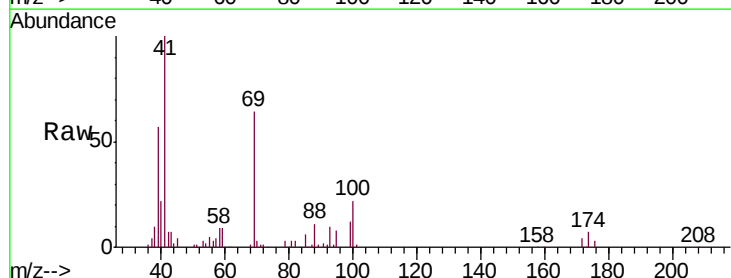
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

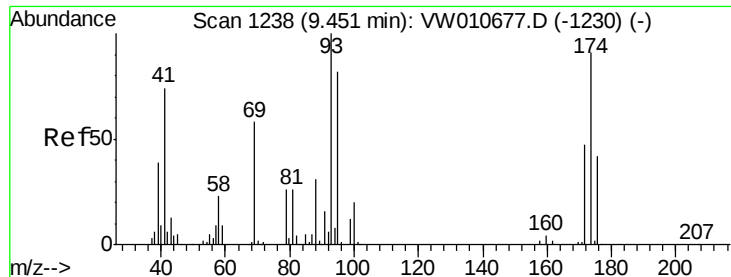
Tgt Ion: 83 Resp: 76523
 Ion Ratio Lower Upper
 83 100
 85 64.0 53.0 79.4
 127 7.6 6.4 9.6



#48
 Methyl methacrylate
 Concen: 21.959 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 41 Resp: 45159
 Ion Ratio Lower Upper
 41 100
 69 70.9 56.6 85.0
 39 55.4 44.4 66.6

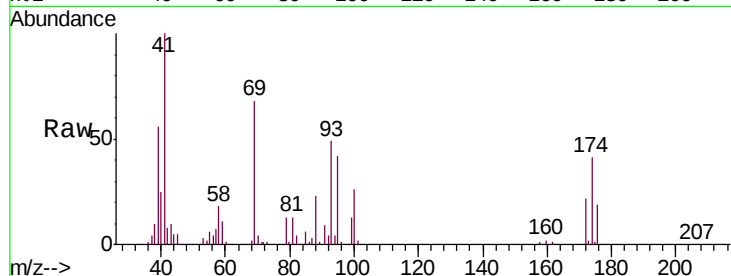




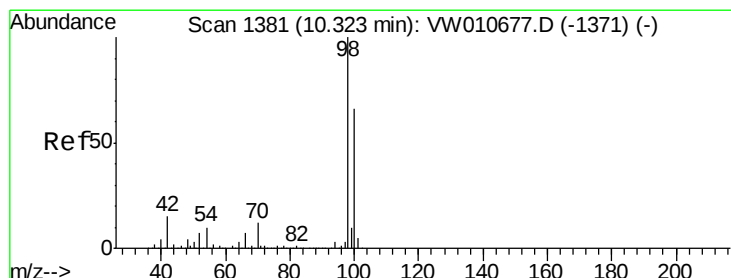
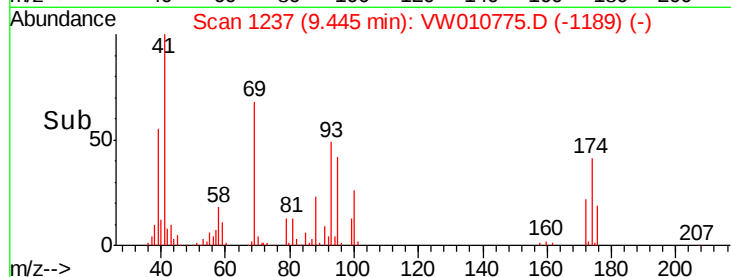
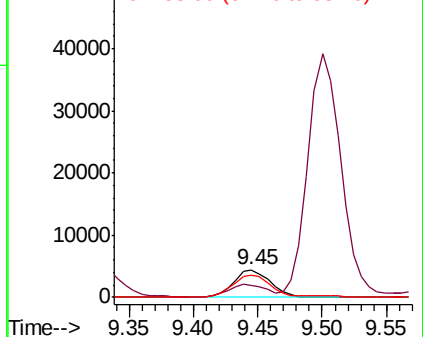
#49
1,4-Dioxane
Concen: 425.108 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion: 88 Resp: 8882
Ion Ratio Lower Upper
88 100
43 45.0 34.2 51.4
58 83.5 69.0 103.4

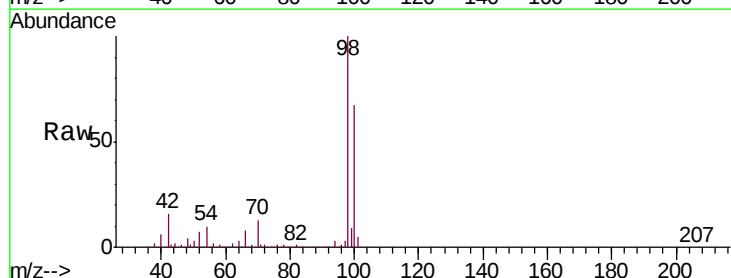


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

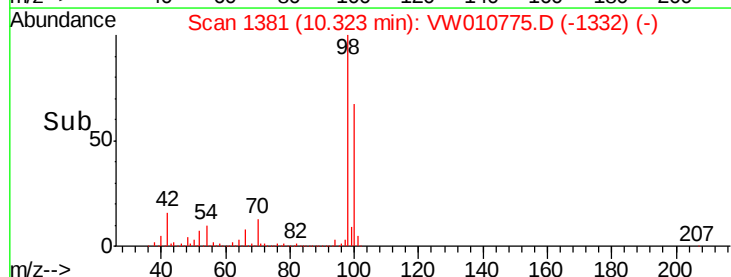
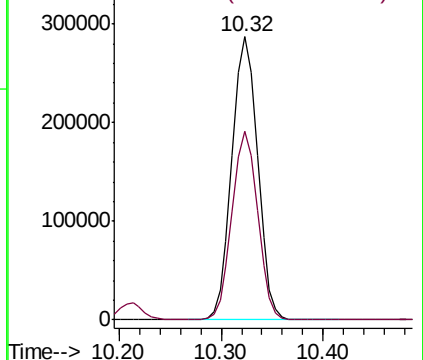


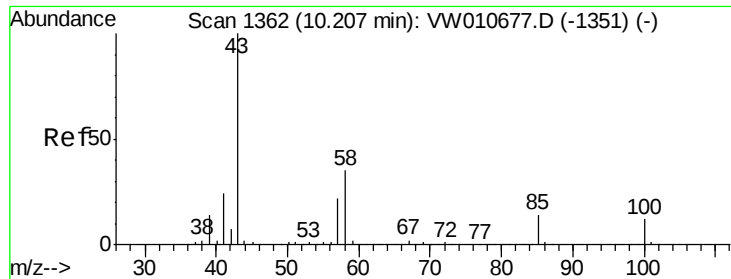
#50
Toluene-d8
Concen: 54.222 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 98 Resp: 502319
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

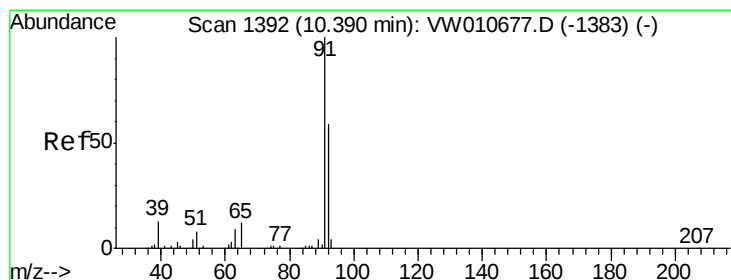
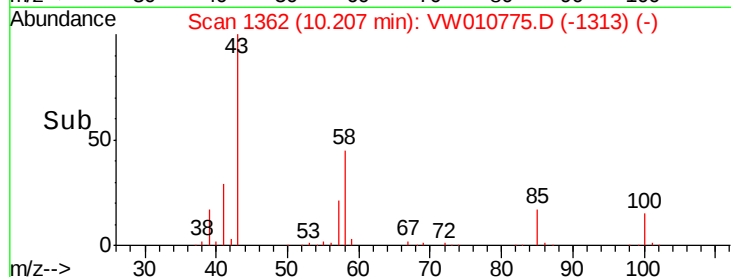
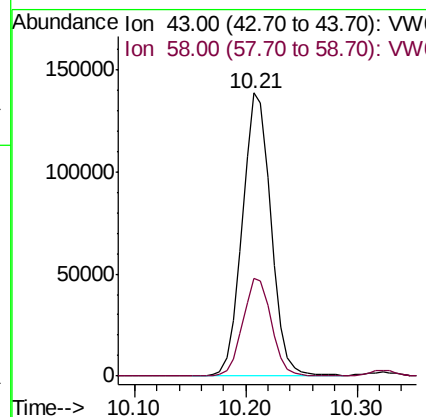
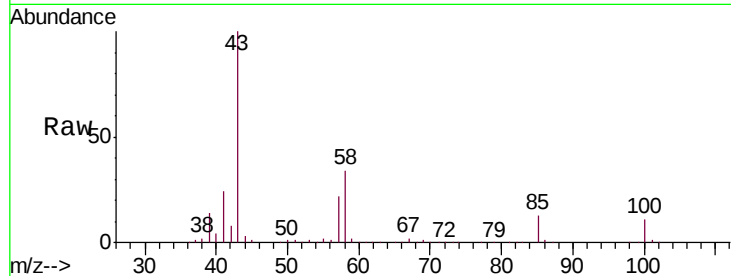




#51
 4-Methyl-2-Pentanone
 Concen: 112.672 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

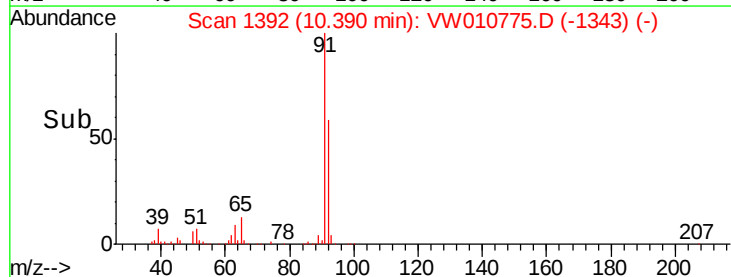
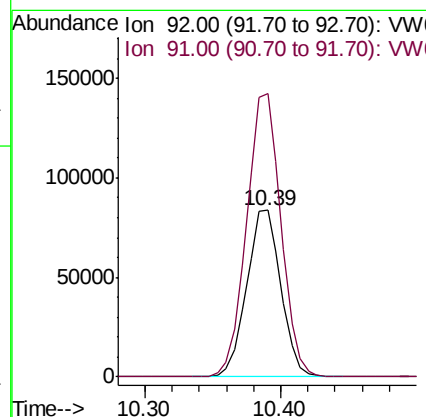
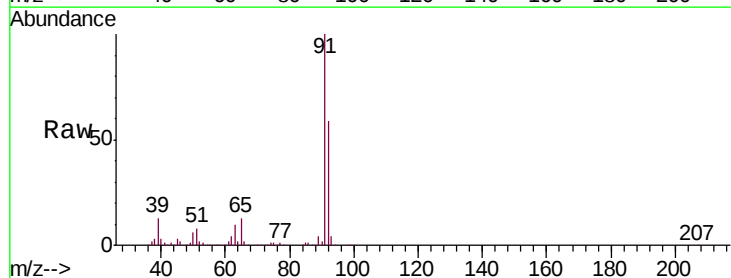
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

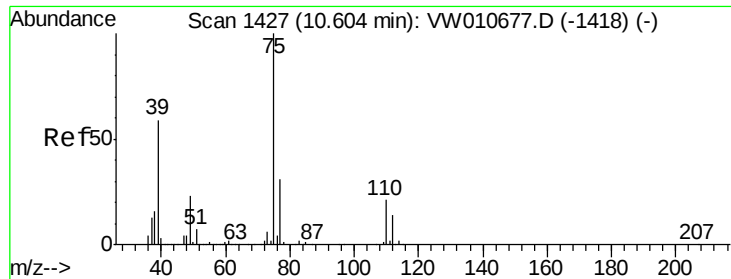
Tgt Ion: 43 Resp: 245515
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.4 42.6



#52
 Toluene
 Concen: 22.038 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 92 Resp: 147381
 Ion Ratio Lower Upper
 92 100
 91 170.9 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 22.047 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

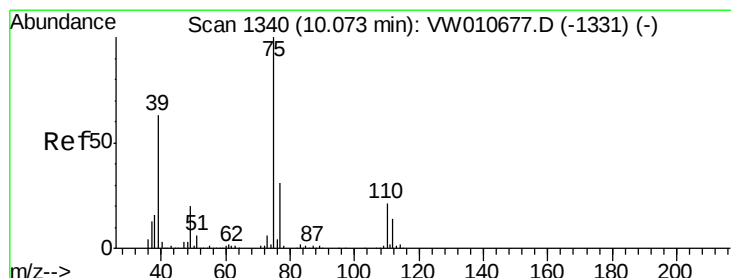
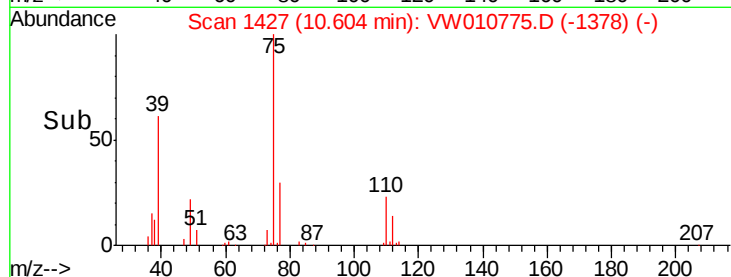
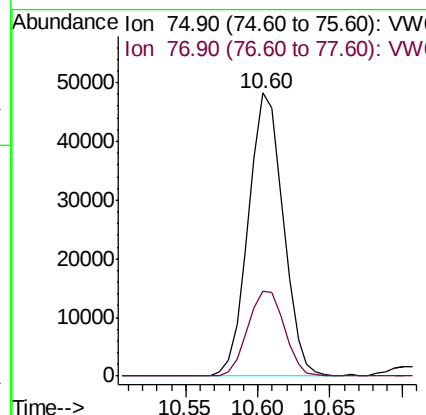
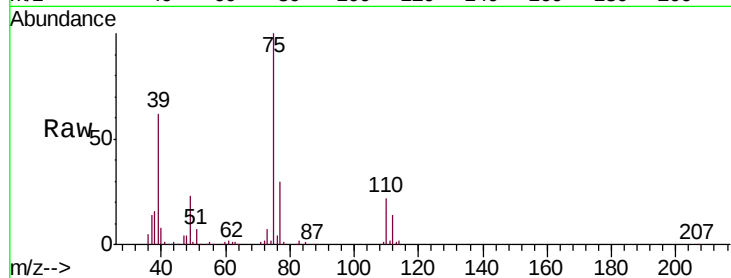
VW0612SBSD01

Tgt Ion: 75 Resp: 80893

Ion Ratio Lower Upper

75 100

77 29.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 22.363 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

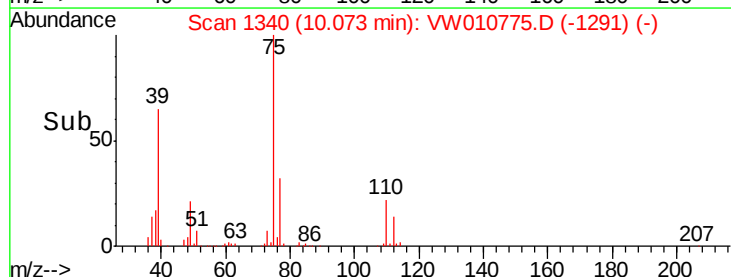
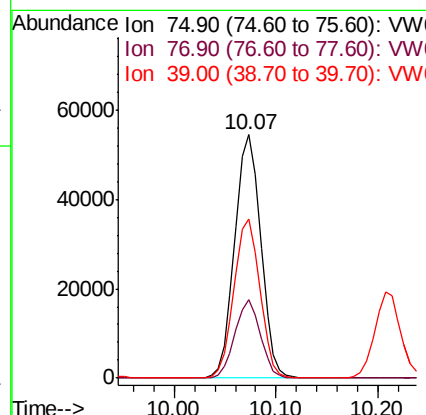
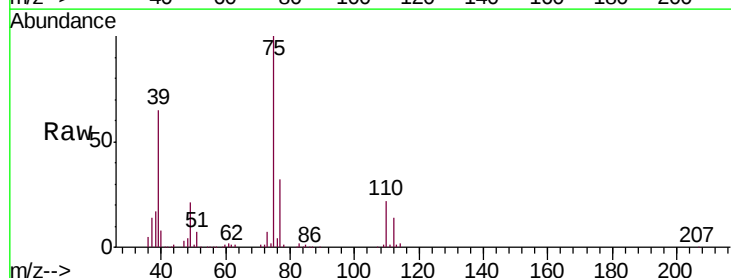
Tgt Ion: 75 Resp: 96555

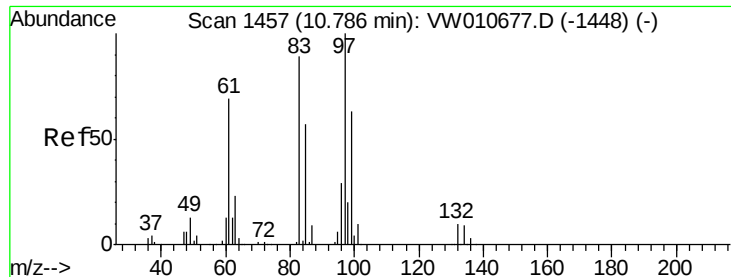
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 65.0 50.1 75.1

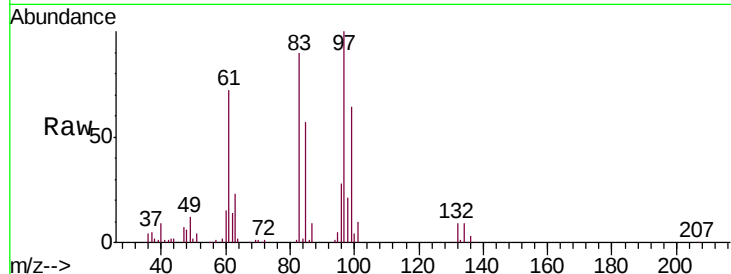




#55
 1,1,2-Trichloroethane
 Concen: 22.078 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tgt Ion	Resp	Lower	Upper
97	42504		
83	90.5	71.1	106.7
85	56.6	45.2	67.8
99	63.8	50.0	75.0



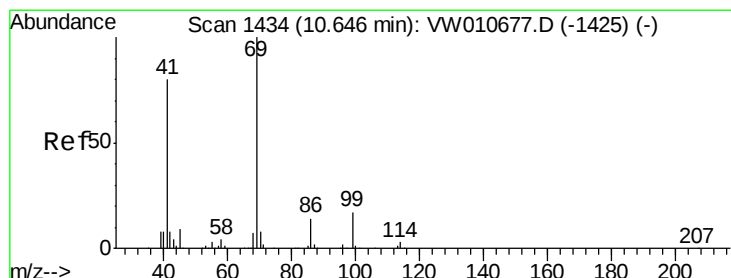
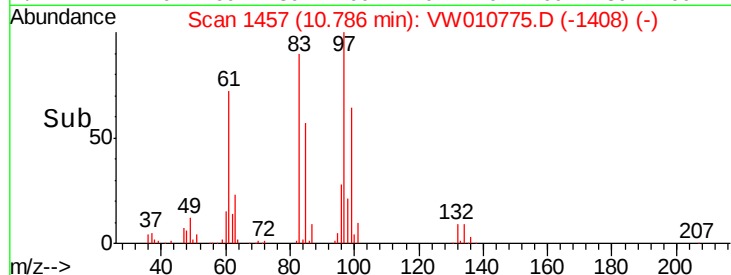
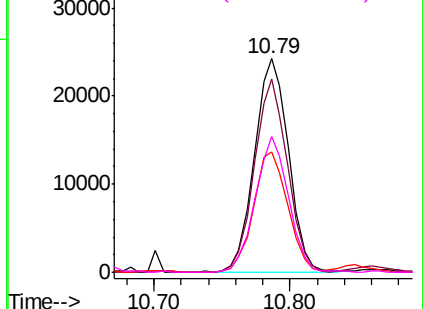
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

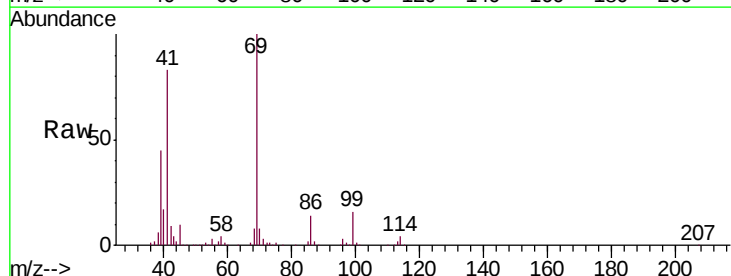
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.739 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Resp	Lower	Upper
69	64399		
41	85.1	64.8	97.2
39	43.1	32.2	48.2

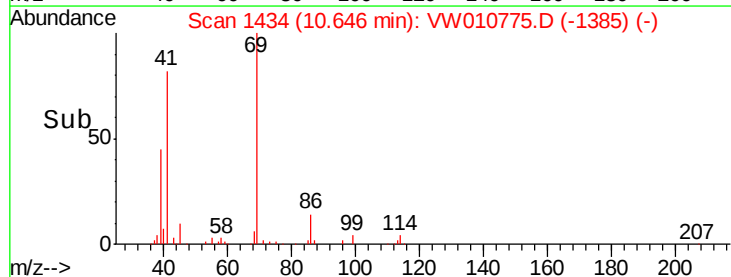
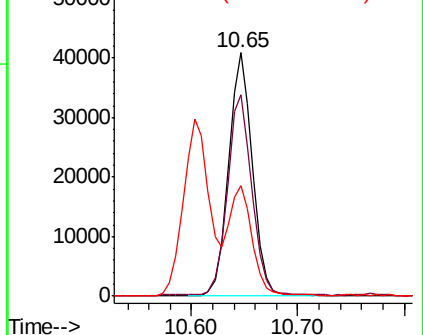


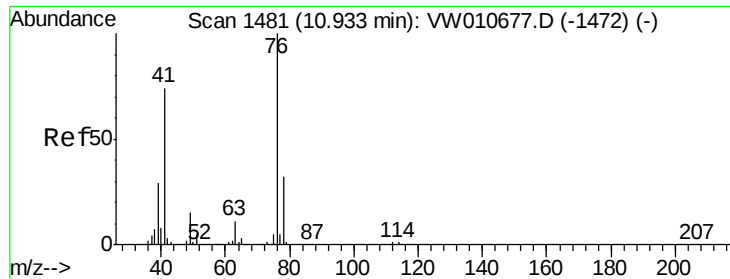
Abundance

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

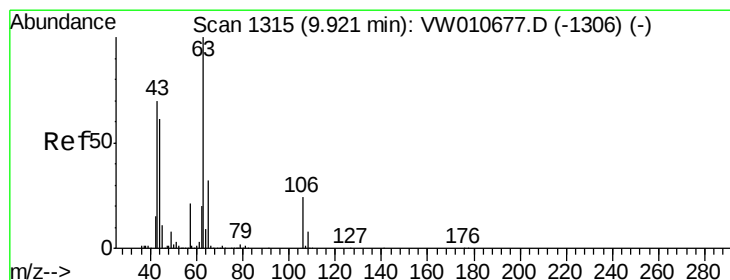
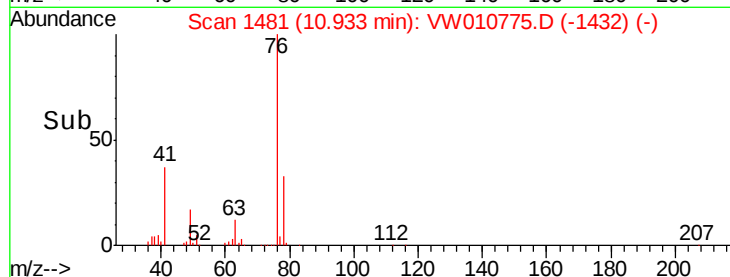
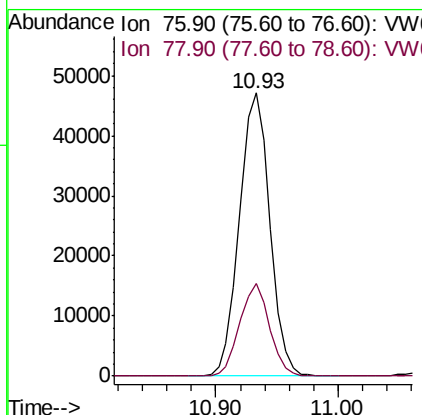
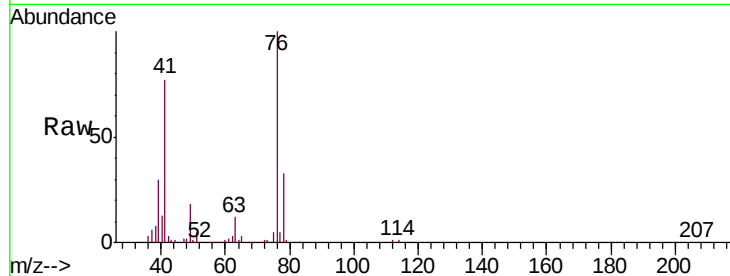




#57
 1,3-Dichloropropane
 Concen: 22.380 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

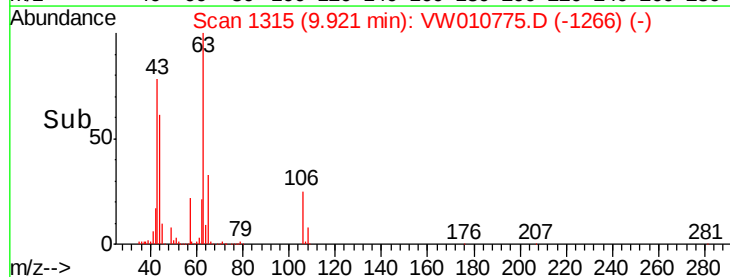
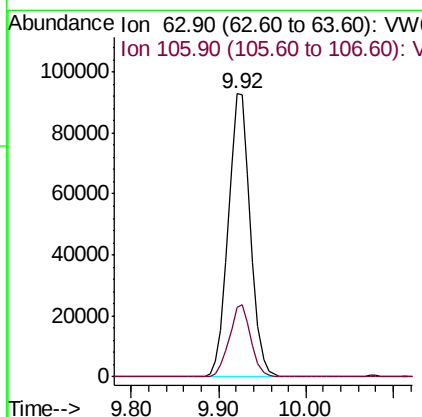
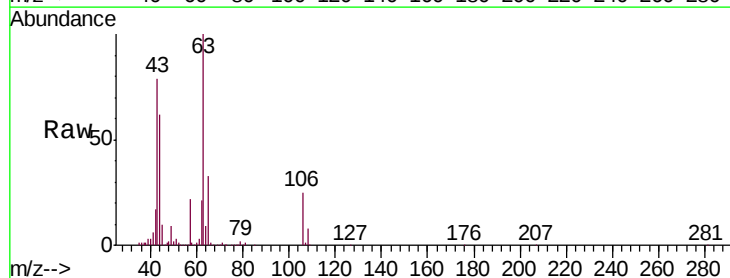
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

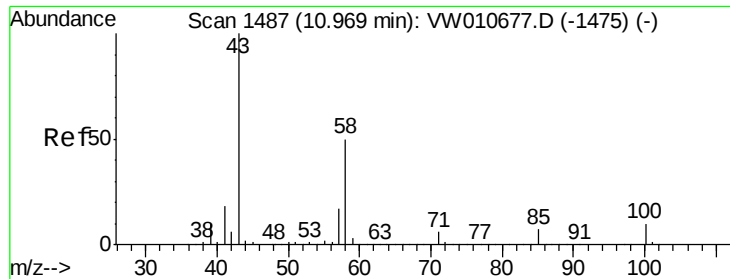
Tgt Ion: 76 Resp: 81197
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.013 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 63 Resp: 162939
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1

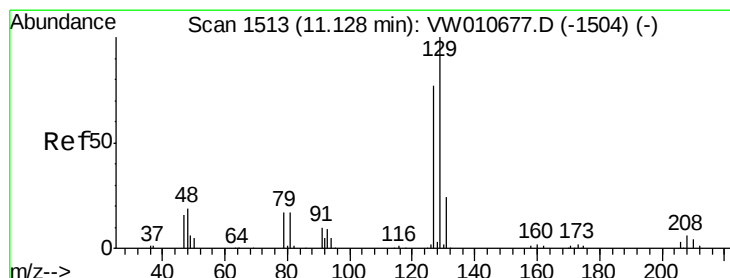
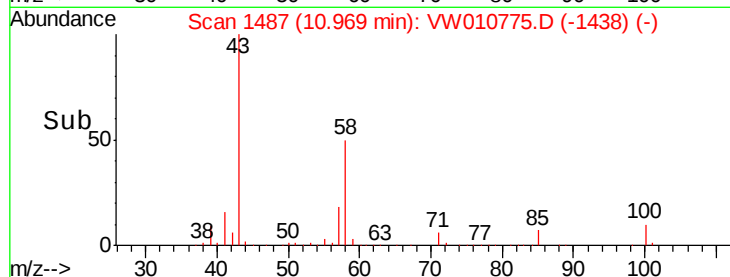
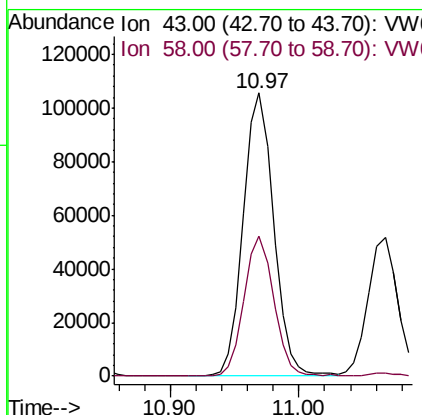
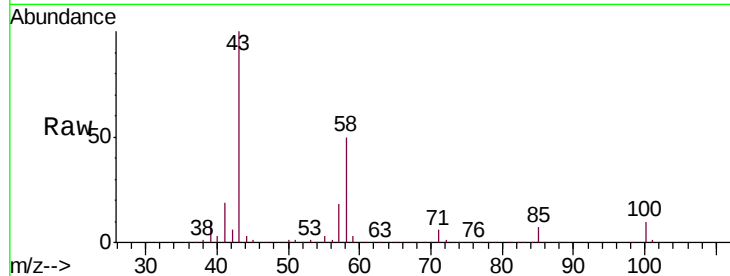




#59
2-Hexanone
Concen: 109.321 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

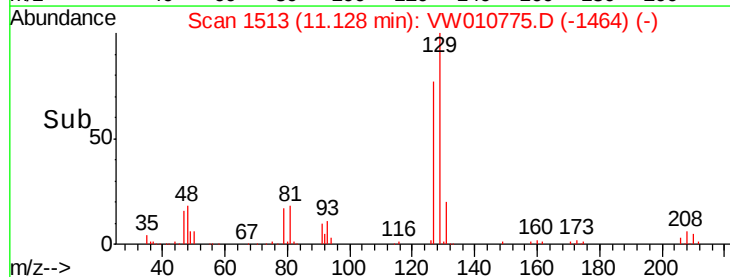
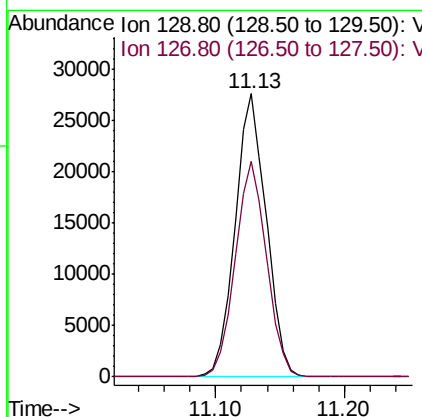
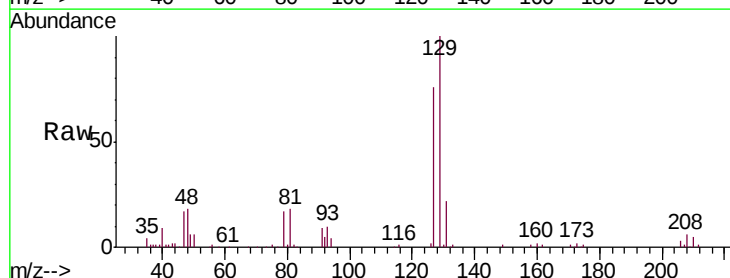
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

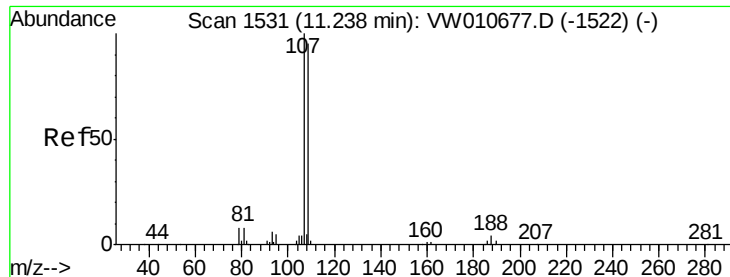
Tgt Ion: 43 Resp: 172161
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6



#60
Dibromochloromethane
Concen: 21.691 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 129 Resp: 46291
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.764 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

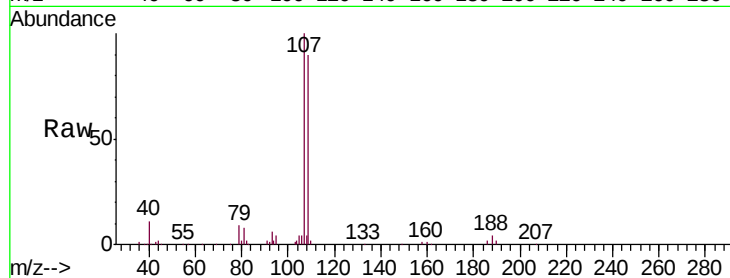
VW0612SBSD01

Tgt Ion: 107 Resp: 39698

Ion Ratio Lower Upper

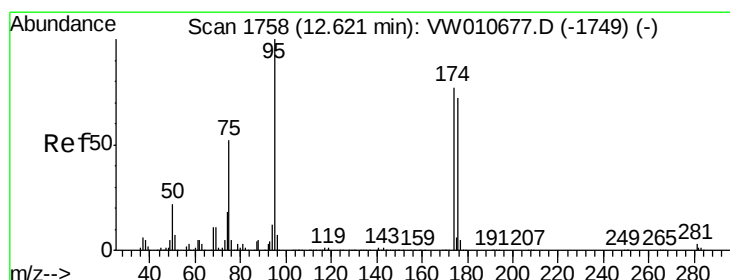
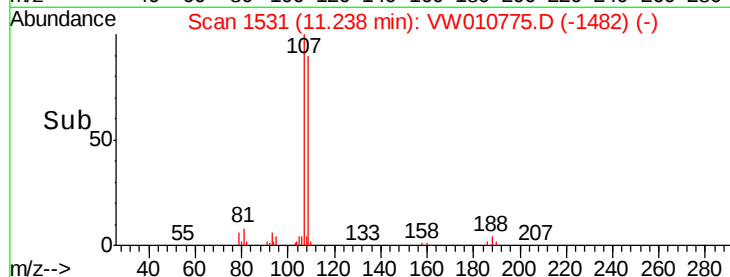
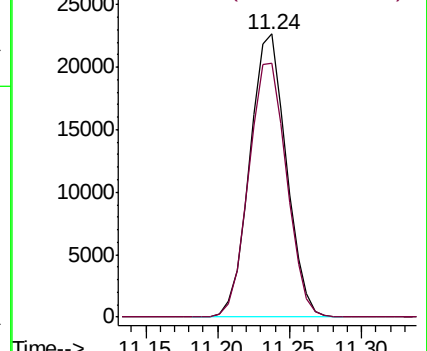
107 100

109 92.7 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: 55.245 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

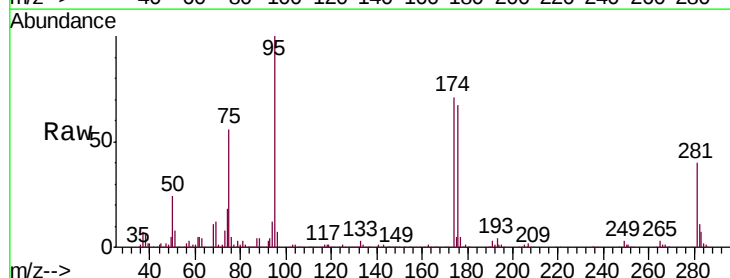
Tgt Ion: 95 Resp: 186236

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.4

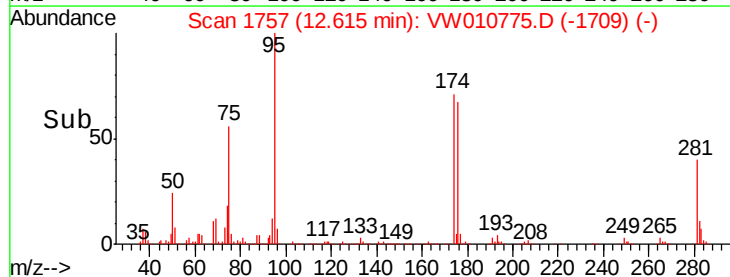
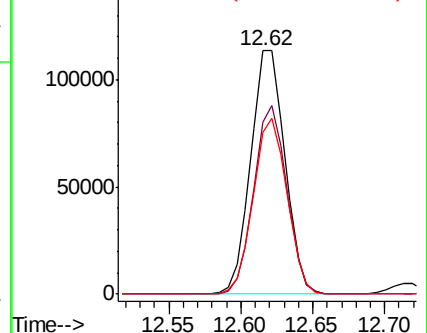
176 71.1 0.0 144.8

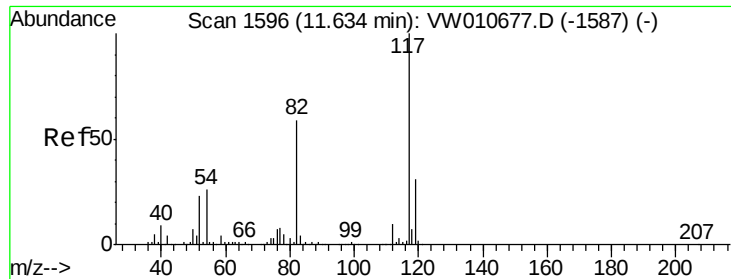


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

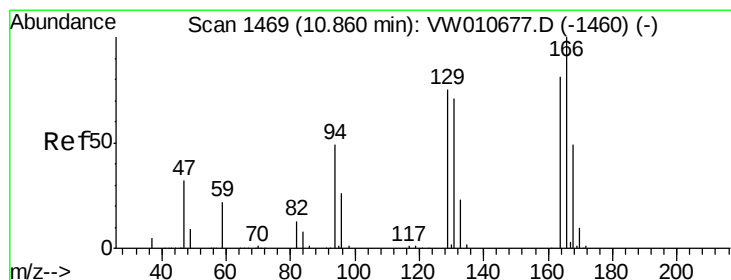
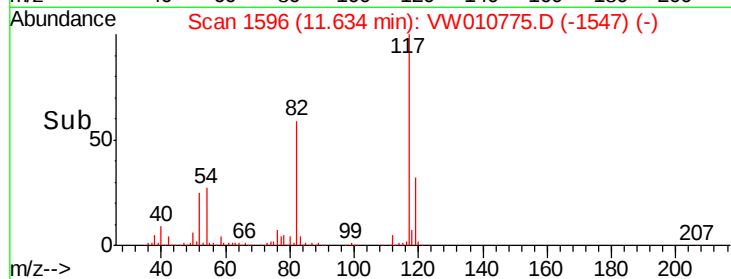
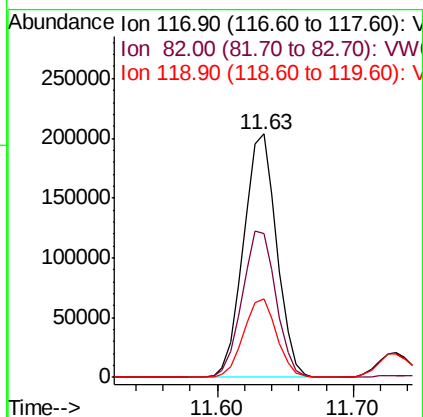
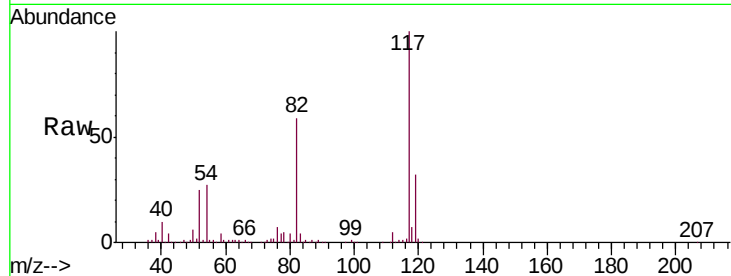




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

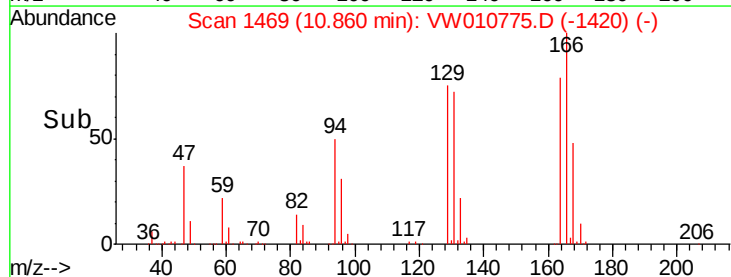
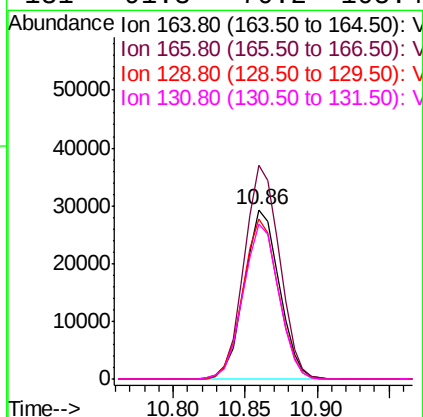
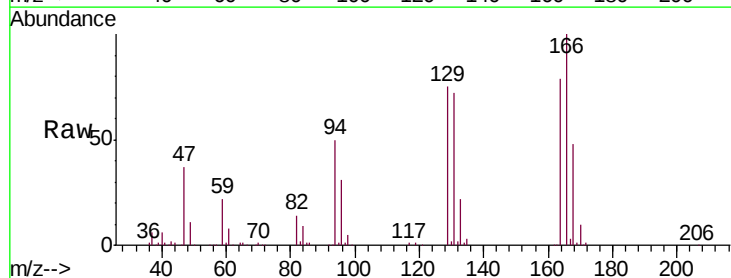
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

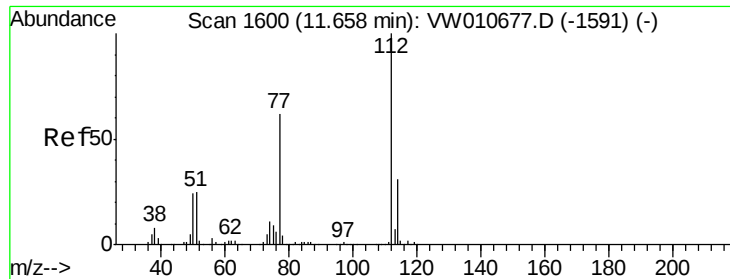
Tgt Ion:117 Resp: 347956
Ion Ratio Lower Upper
117 100
82 58.9 47.0 70.4
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 21.337 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion:164 Resp: 49294
Ion Ratio Lower Upper
164 100
166 126.2 99.2 148.8
129 94.5 74.6 112.0
131 91.3 70.2 105.4

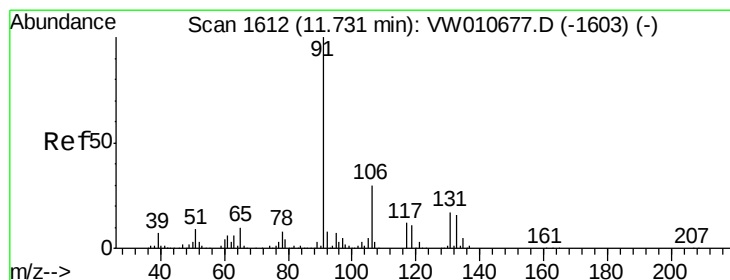
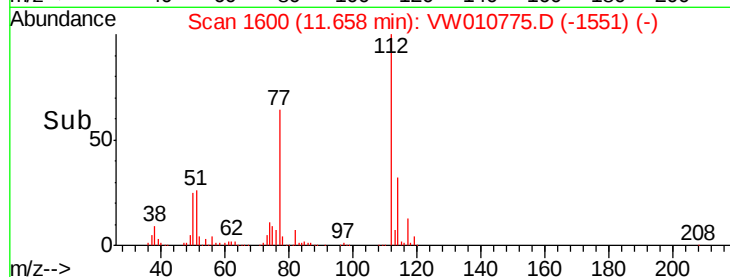
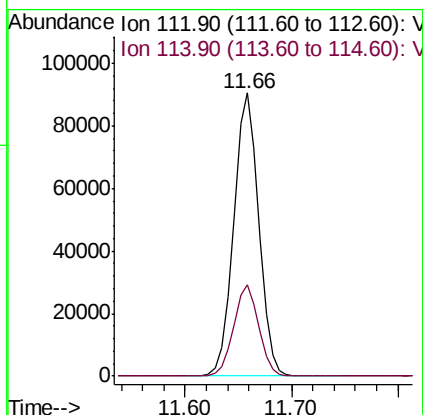
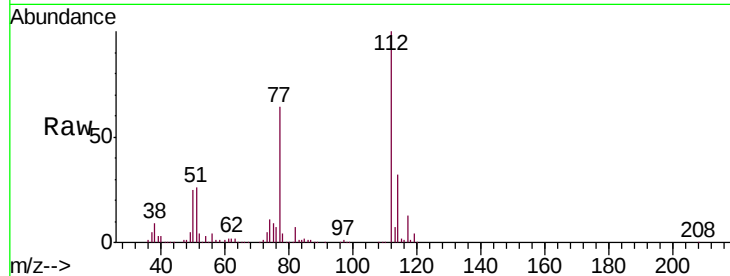




#65
Chlorobenzene
Concen: 21.821 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

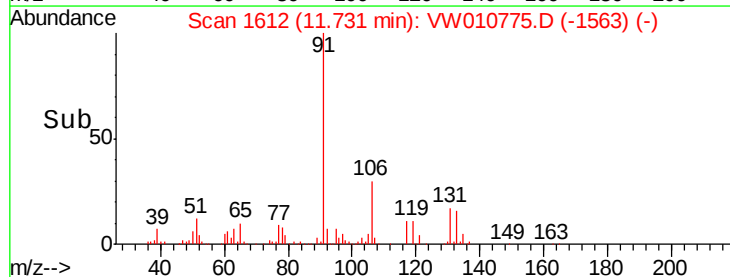
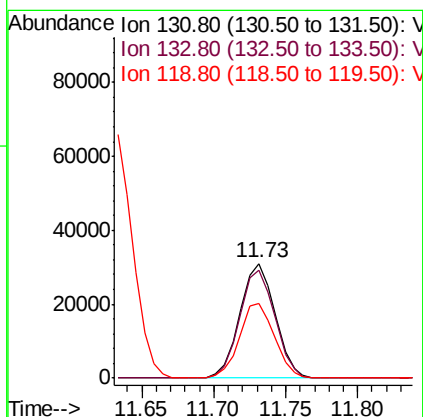
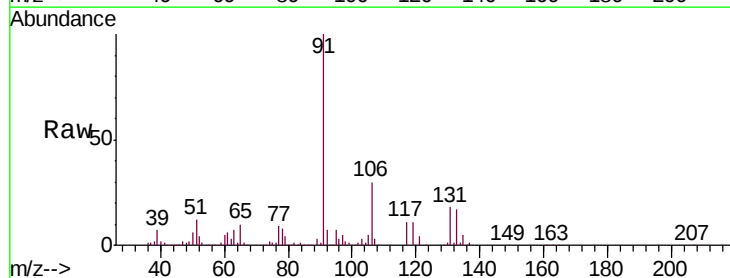
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

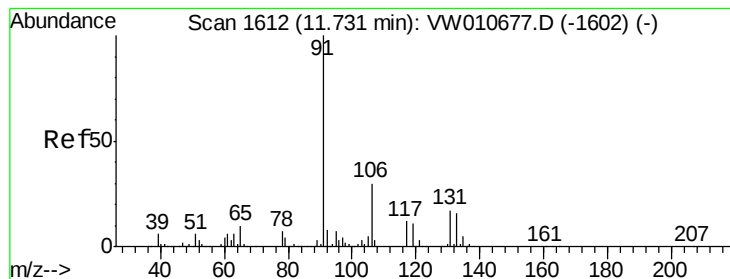
Tgt Ion:112 Resp: 149312
Ion Ratio Lower Upper
112 100
114 32.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.156 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion:131 Resp: 52480
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 65.0 32.4 97.0





#67

Ethyl Benzene

Concen: 21.926 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

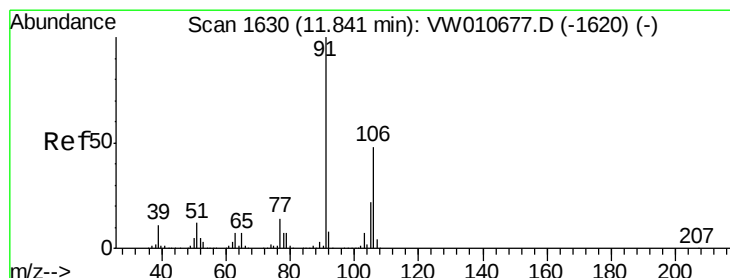
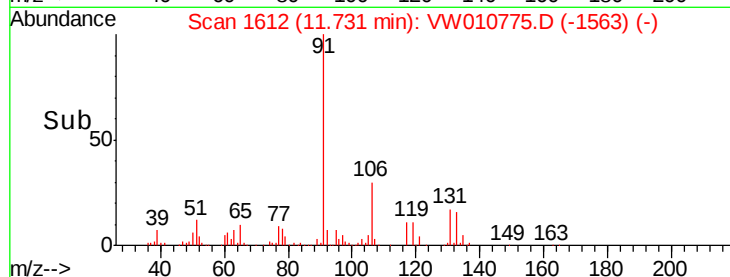
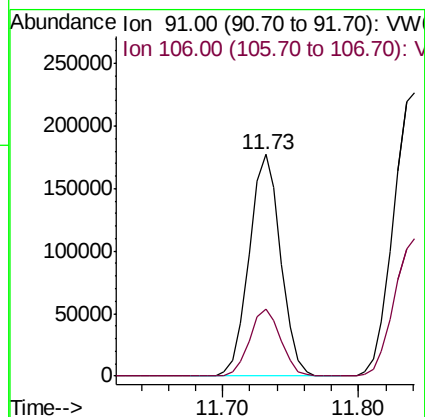
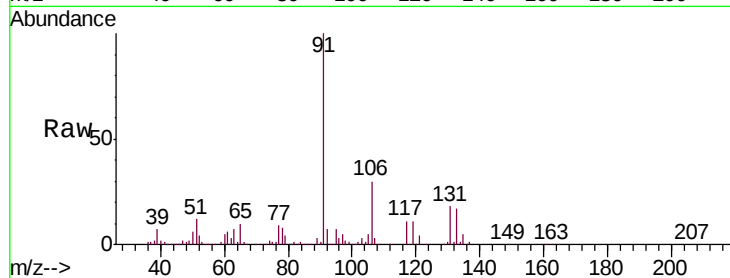
VW0612SBSD01

Tgt Ion: 91 Resp: 288336

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.4



#68

m/p-Xylenes

Concen: 43.750 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010775.D

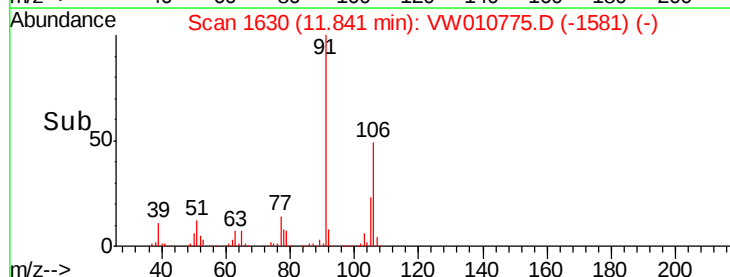
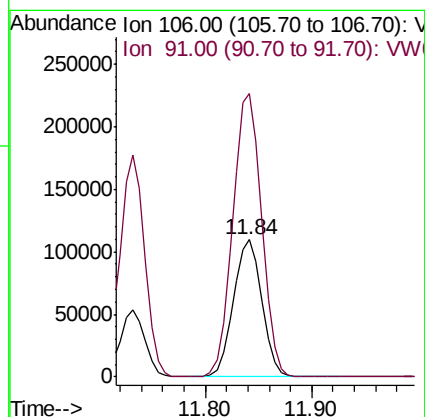
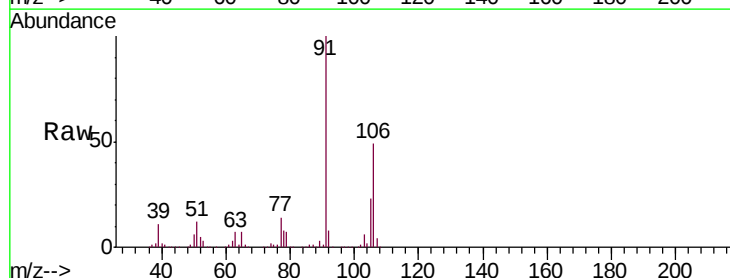
Acq: 12 Jun 2019 13:51

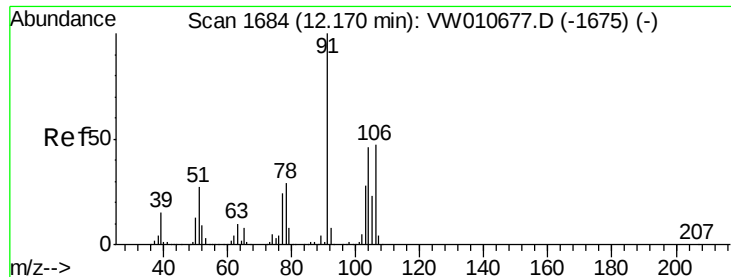
Tgt Ion: 106 Resp: 205952

Ion Ratio Lower Upper

106 100

91 208.8 166.5 249.7

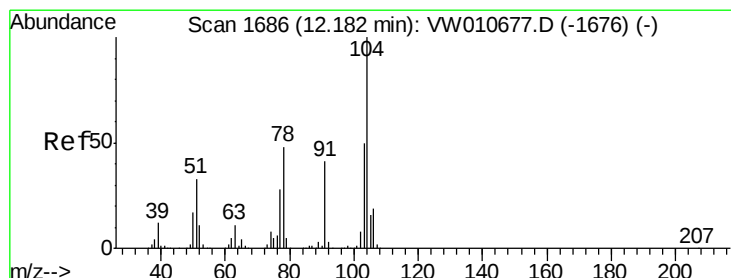
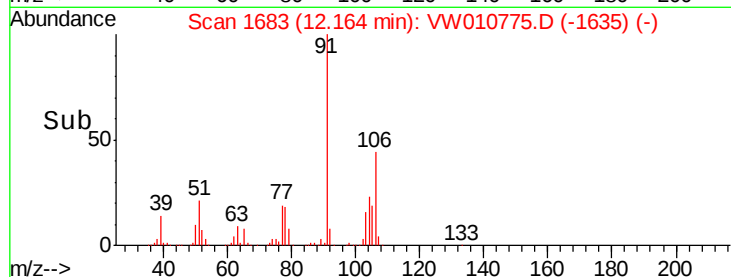
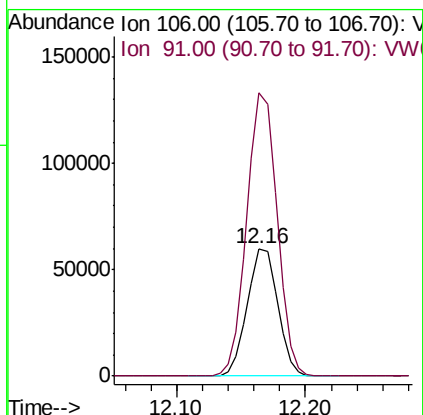
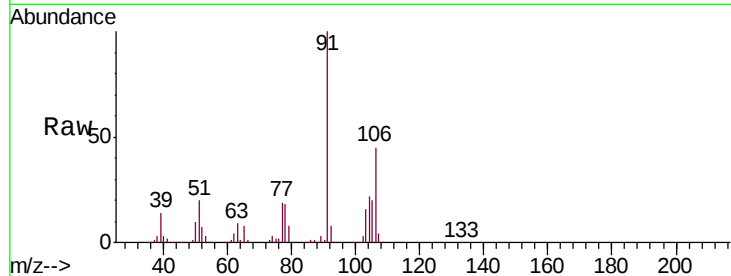




#69
o-Xylene
Concen: 21.892 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

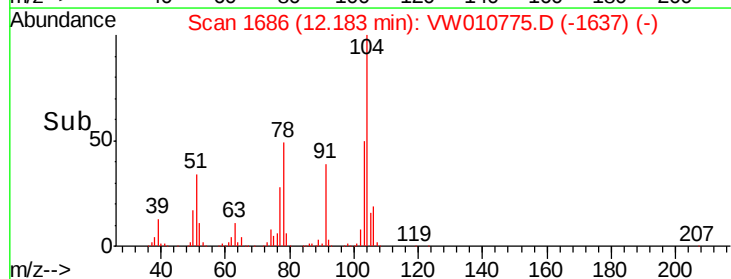
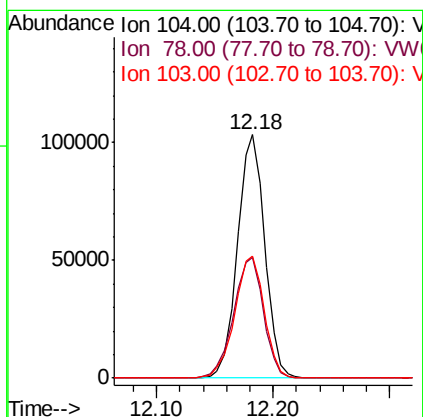
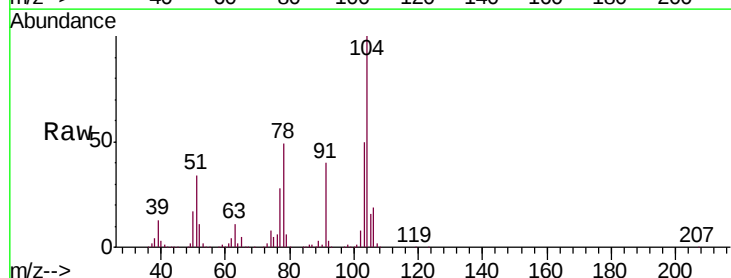
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

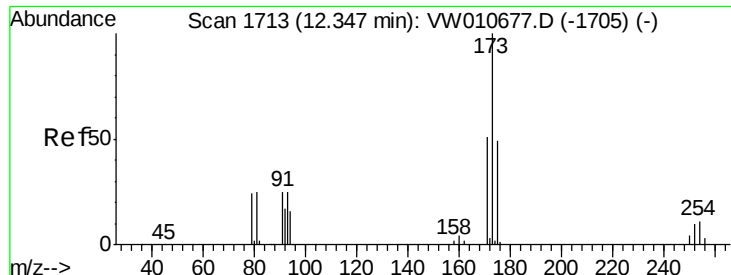
Tgt Ion:106 Resp: 97738
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.6



#70
Styrene
Concen: 21.775 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion:104 Resp: 168884
Ion Ratio Lower Upper
104 100
78 54.4 42.7 64.1
103 54.2 43.6 65.4





#71

Bromoform

Concen: 20.878 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

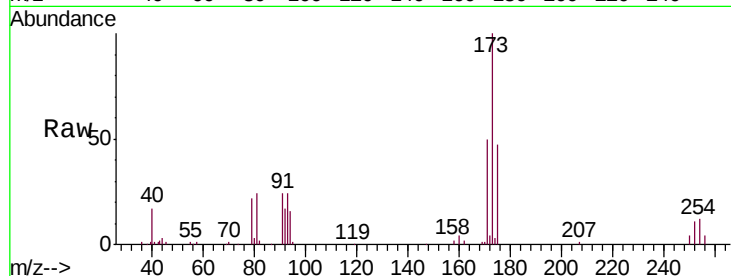
Tgt Ion:173 Resp: 25576

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

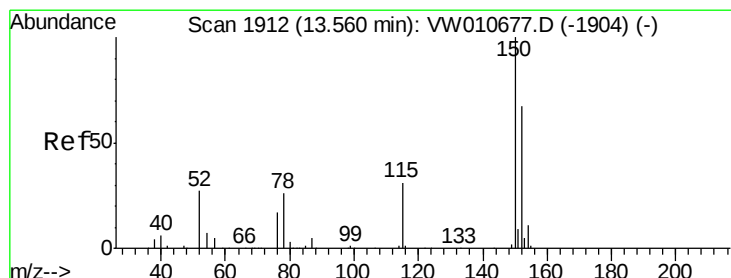
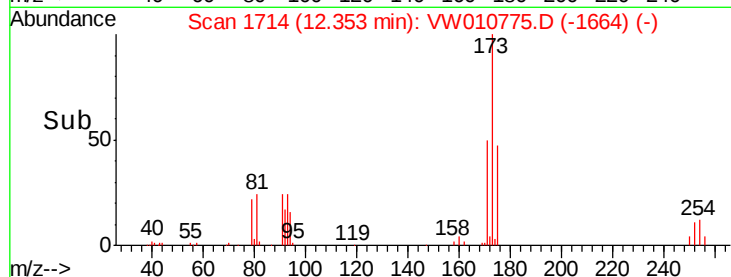
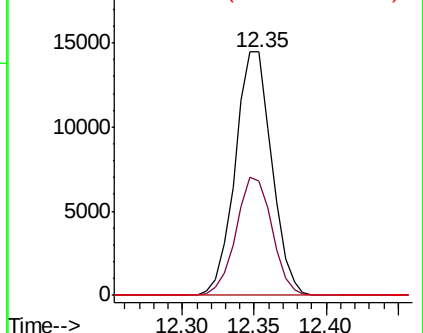
254 0.0 0.1 0.1#



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: VW010775.D

Acq: 12 Jun 2019 13:51

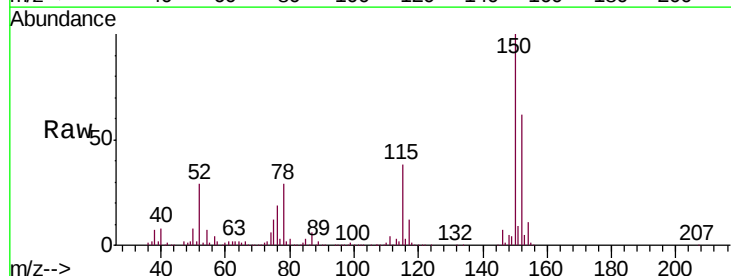
Tgt Ion:152 Resp: 166692

Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

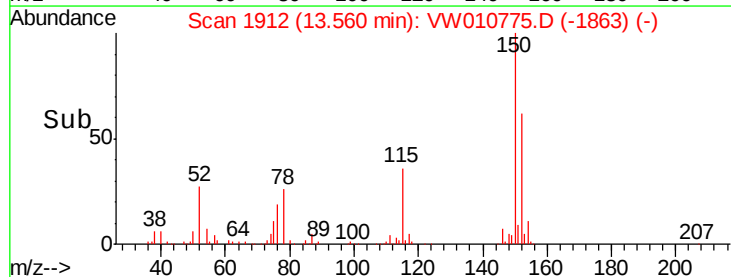
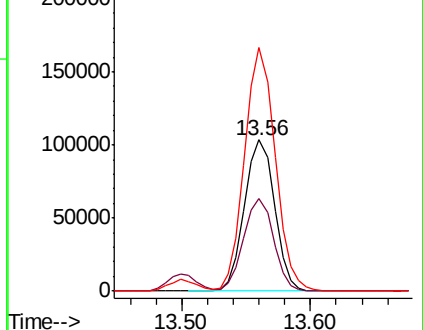
150 164.1 0.0 345.0

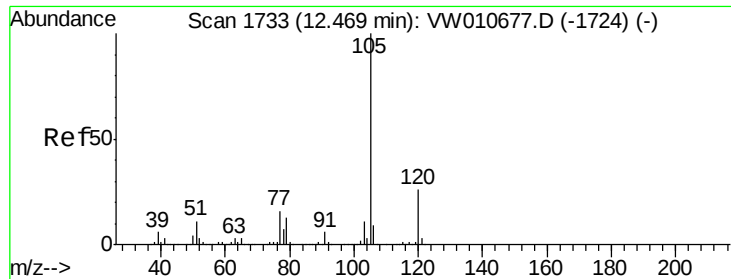


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.765 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

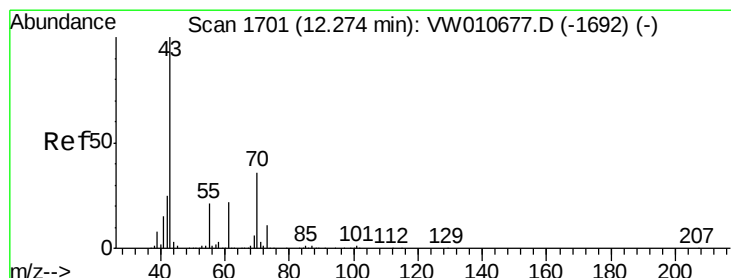
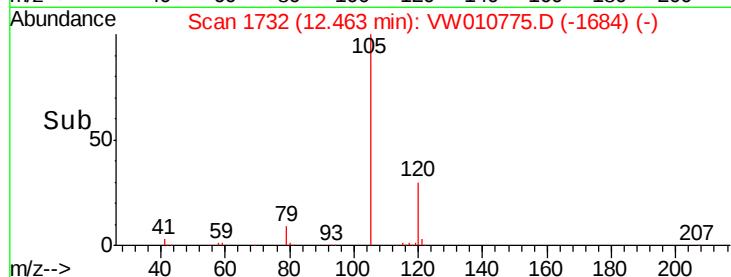
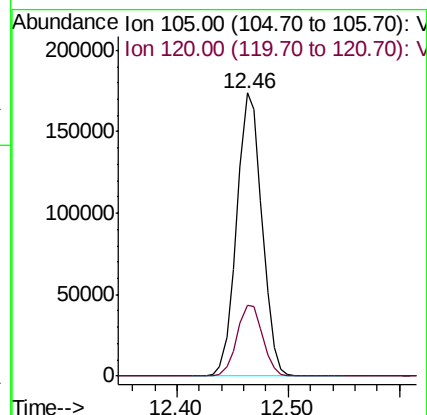
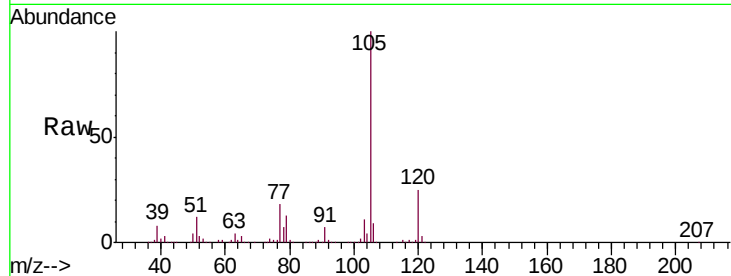
VW0612SBSD01

Tgt Ion:105 Resp: 272634

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 22.103 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion: 43 Resp: 89478

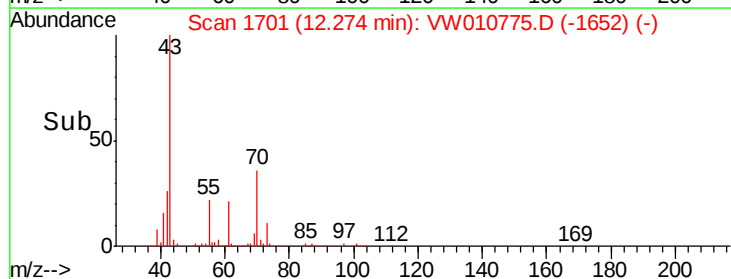
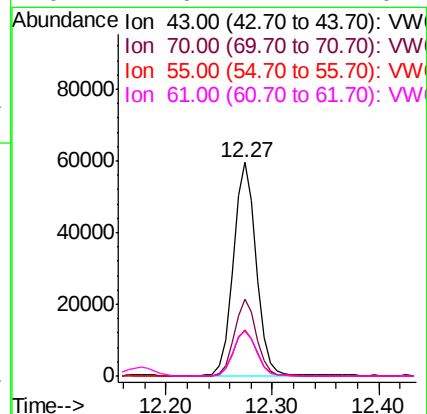
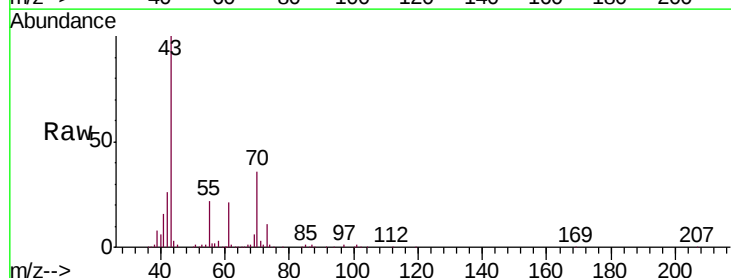
Ion Ratio Lower Upper

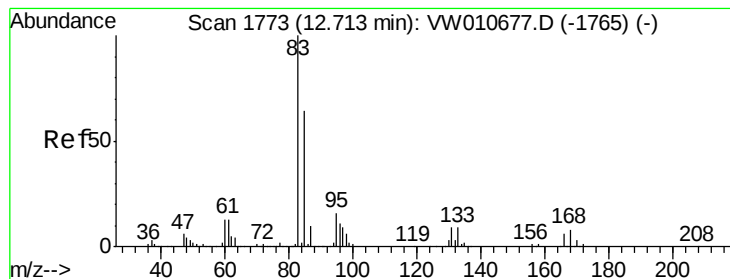
43 100

70 35.1 29.2 43.8

55 22.1 17.5 26.3

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.326 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

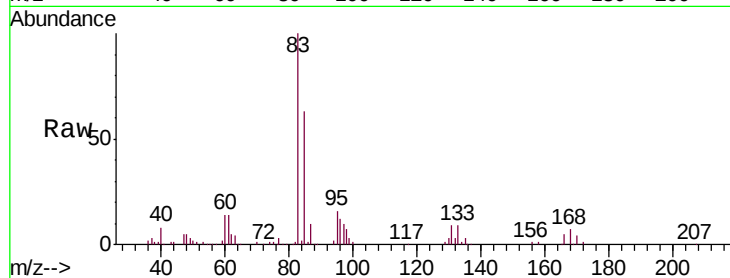
Tgt Ion: 83 Resp: 50856

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

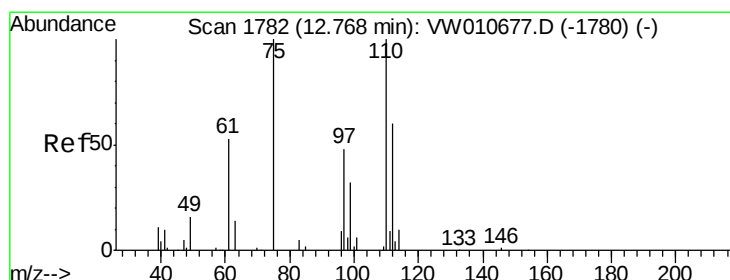
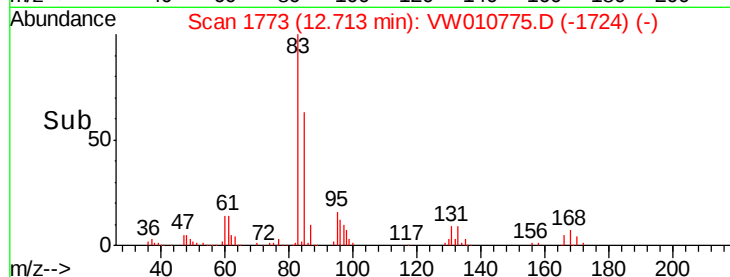
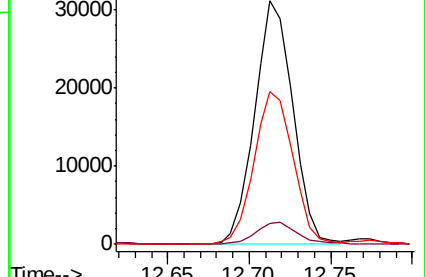
85 64.1 31.9 95.9



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: 39.269 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010775.D

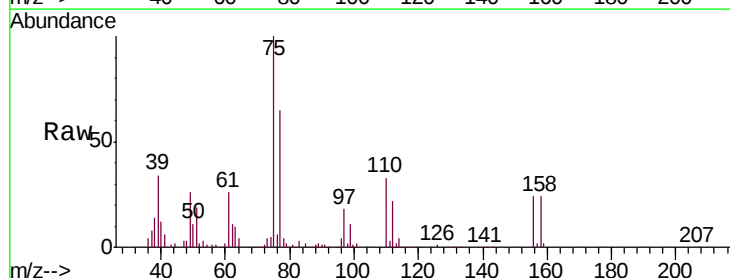
Acq: 12 Jun 2019 13:51

Tgt Ion: 75 Resp: 68740

Ion Ratio Lower Upper

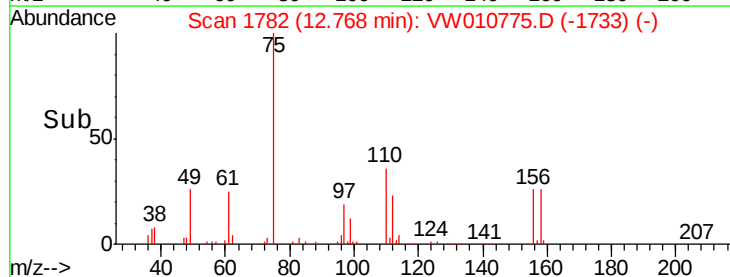
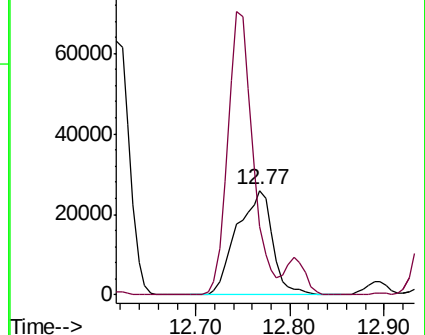
75 100

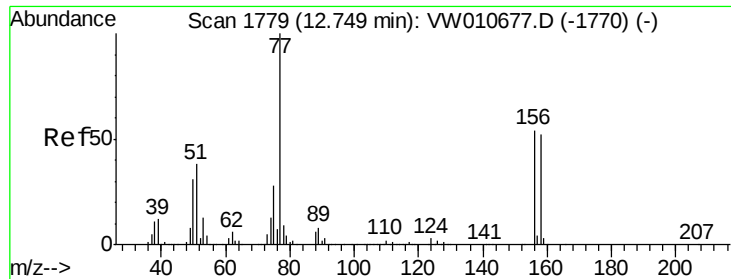
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

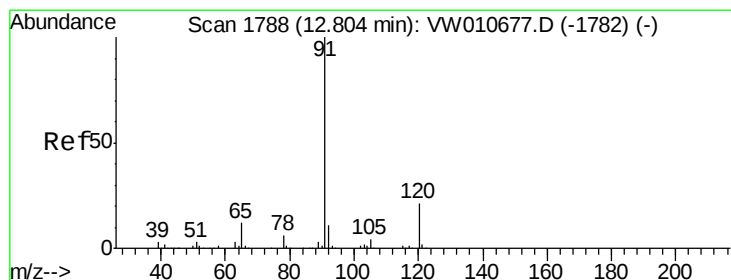
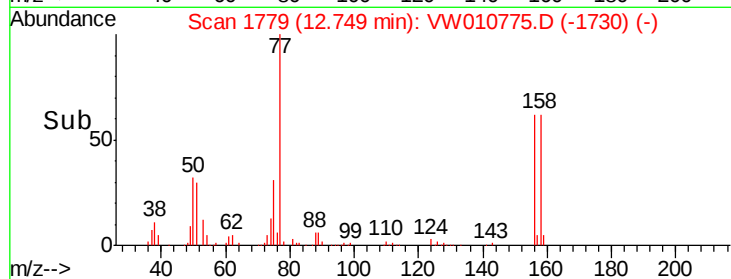
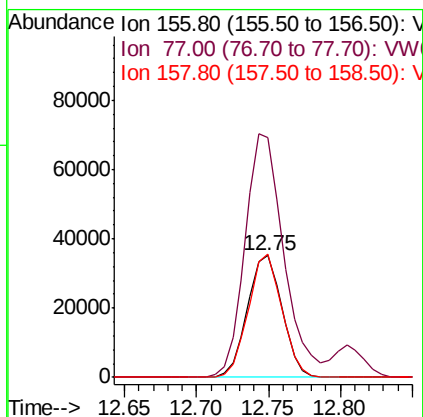
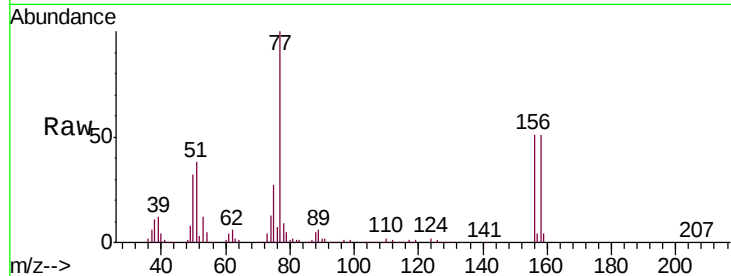




#77
Bromobenzene
Concen: 21.349 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

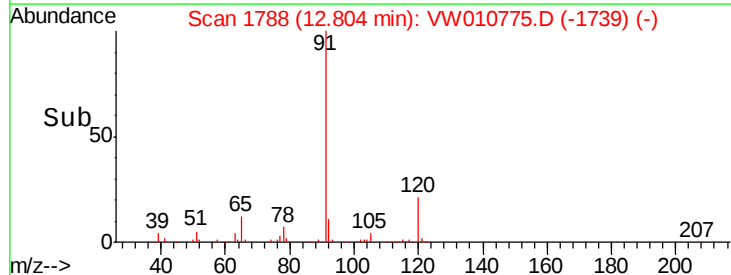
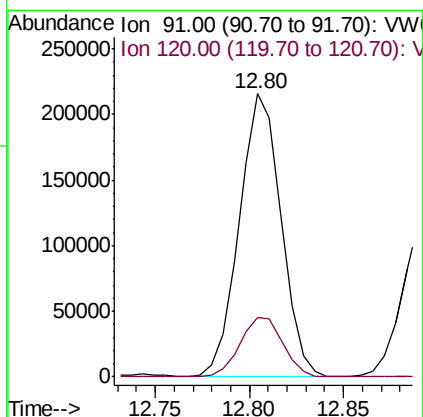
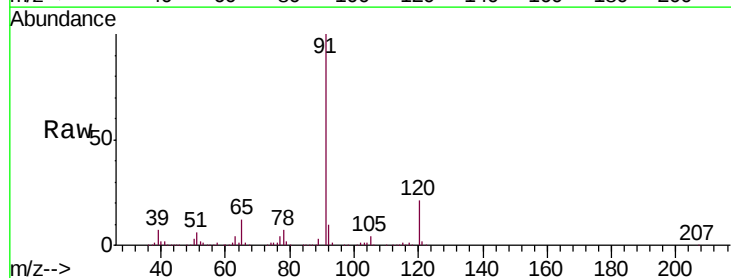
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

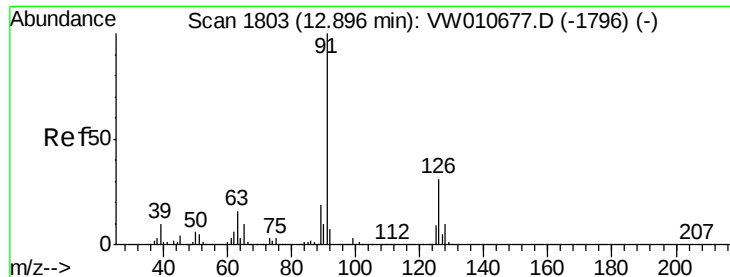
Tgt Ion:156 Resp: 58374
Ion Ratio Lower Upper
156 100
77 223.4 106.5 319.4
158 98.5 48.3 144.9



#78
n-propylbenzene
Concen: 21.892 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 91 Resp: 330663
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

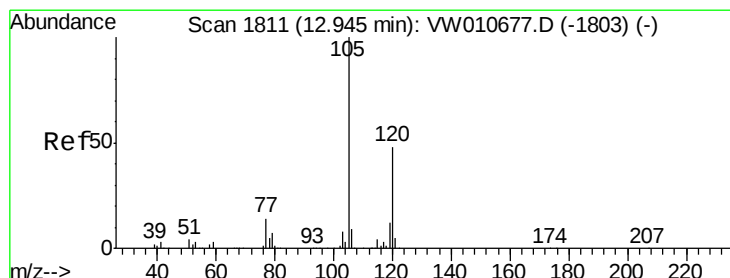
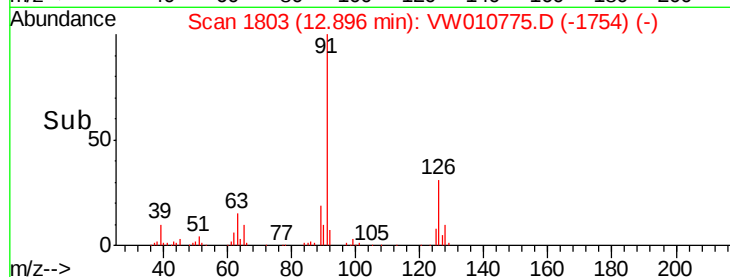
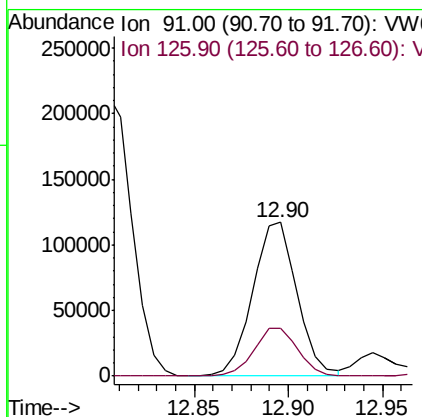
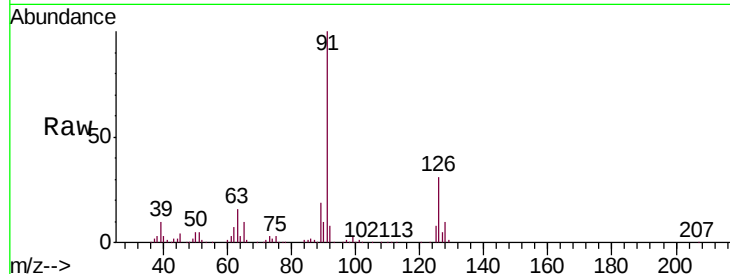




#79
2-Chlorotoluene
Concen: 22.040 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

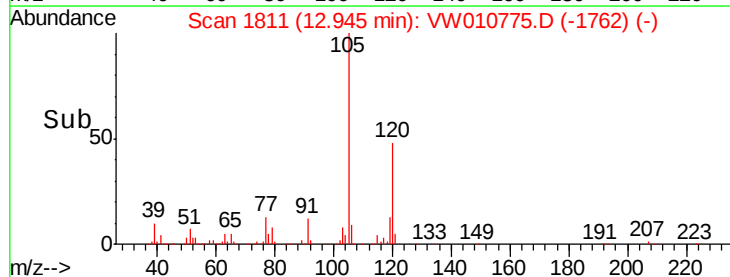
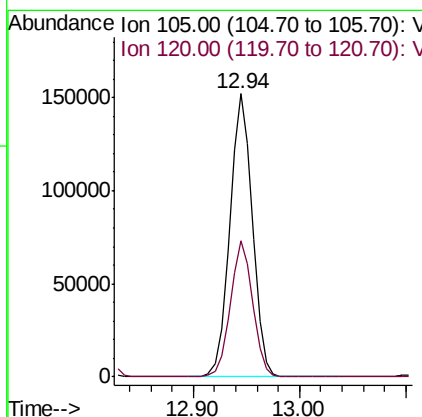
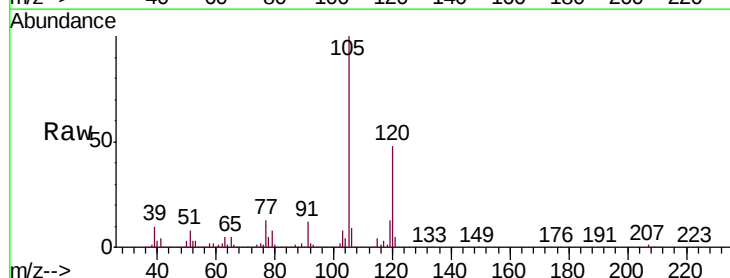
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

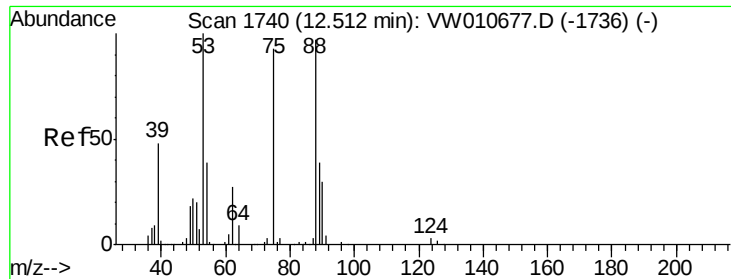
Tgt Ion: 91 Resp: 190191
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 21.979 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 105 Resp: 225353
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.742 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

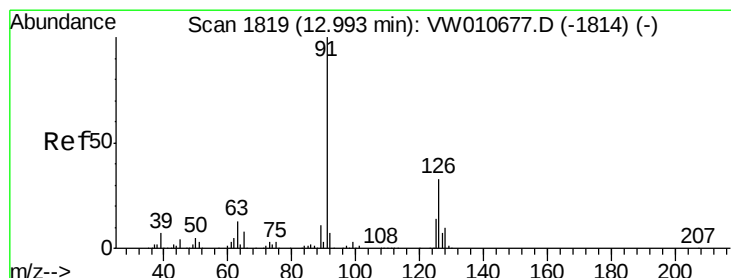
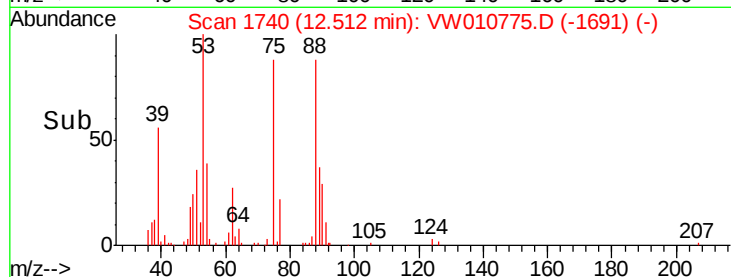
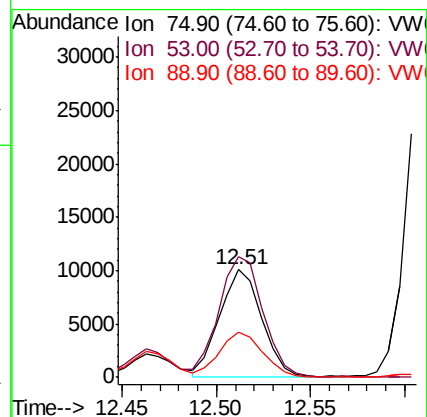
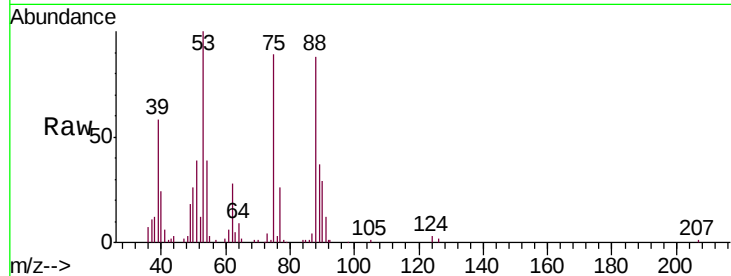
Tgt Ion: 75 Resp: 15798

Ion Ratio Lower Upper

75 100

53 116.2 90.1 135.1

89 42.8 34.6 52.0



#82

4-Chlorotoluene

Concen: 22.101 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010775.D

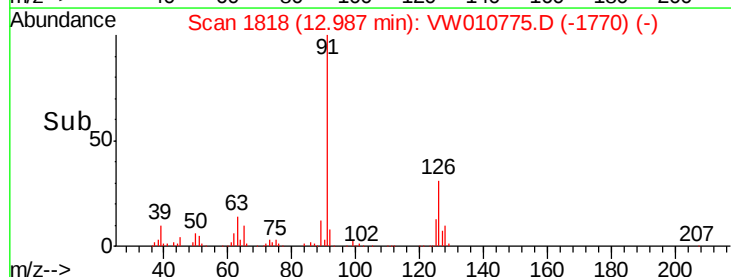
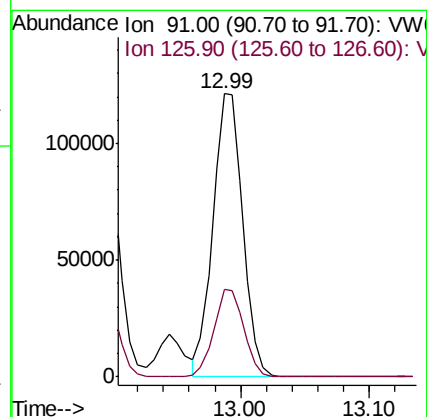
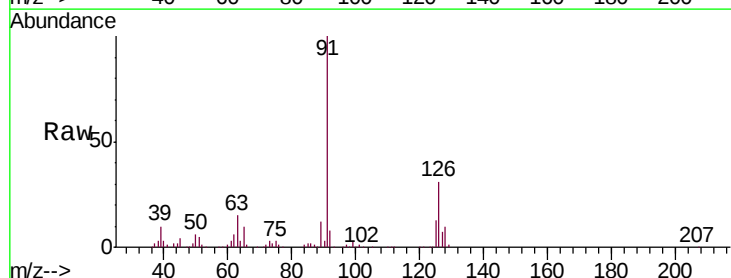
Acq: 12 Jun 2019 13:51

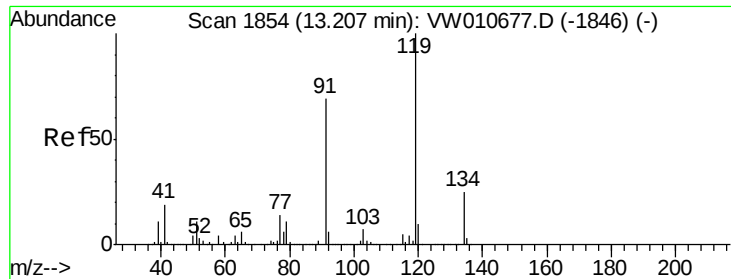
Tgt Ion: 91 Resp: 196808

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.7

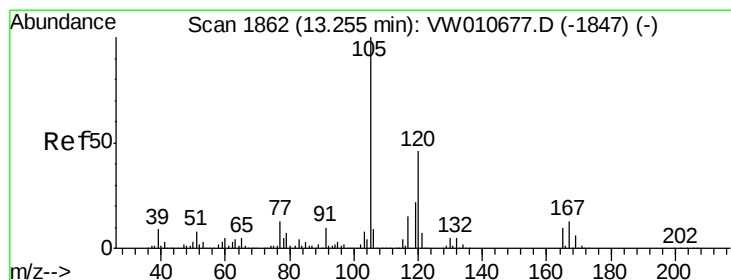
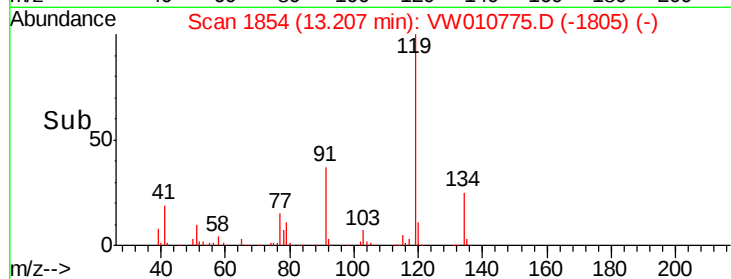
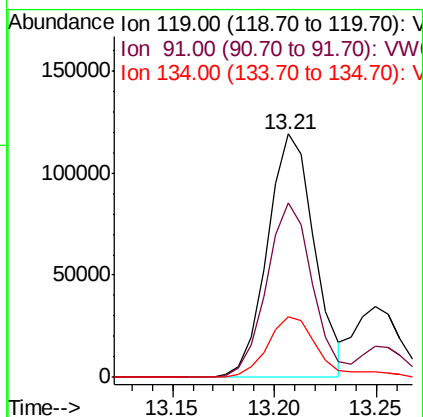
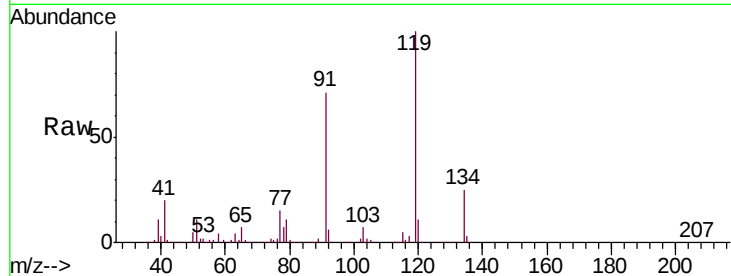




#83
 tert-Butylbenzene
 Concen: 21.893 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

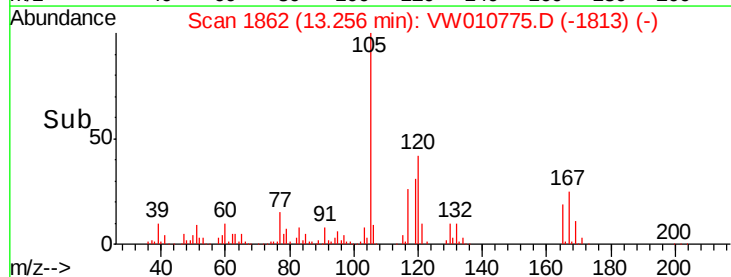
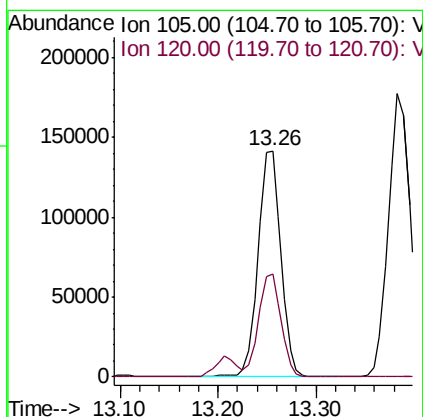
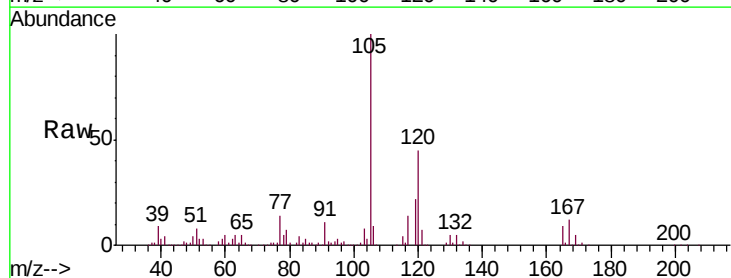
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

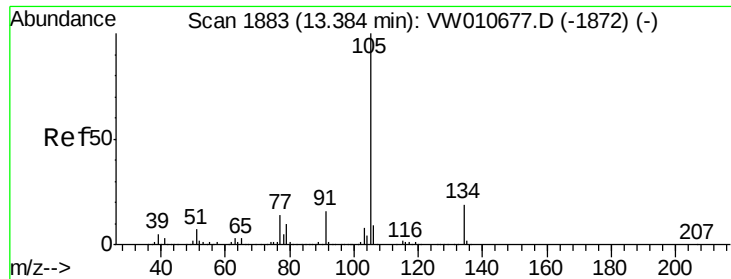
Tgt Ion:119 Resp: 190505
 Ion Ratio Lower Upper
 119 100
 91 71.1 35.1 105.3
 134 27.3 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.145 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion:105 Resp: 228481
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5

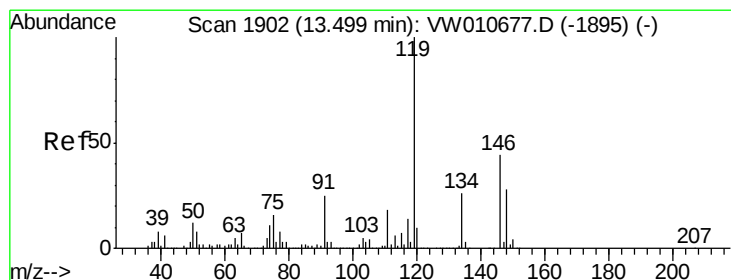
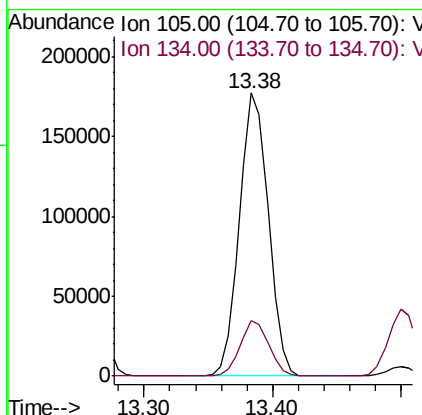
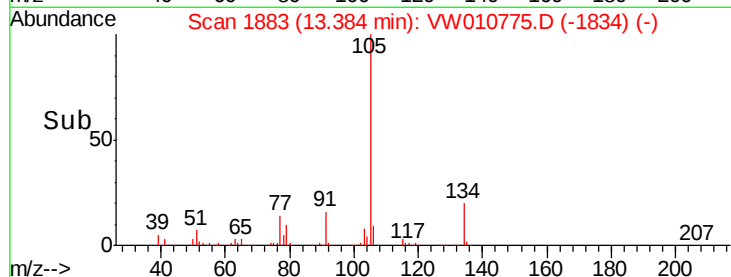
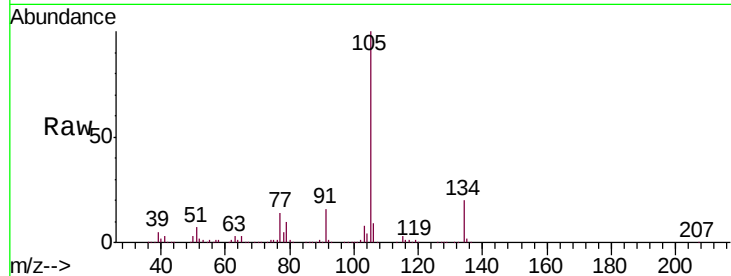




#85
 sec-Butylbenzene
 Concen: 21.750 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

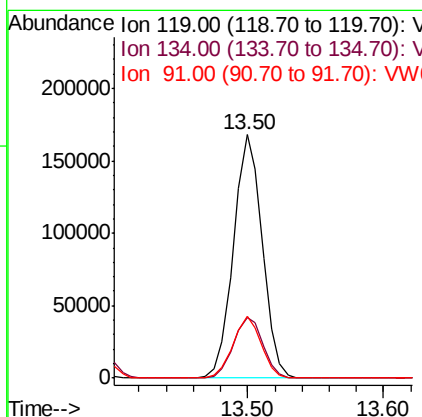
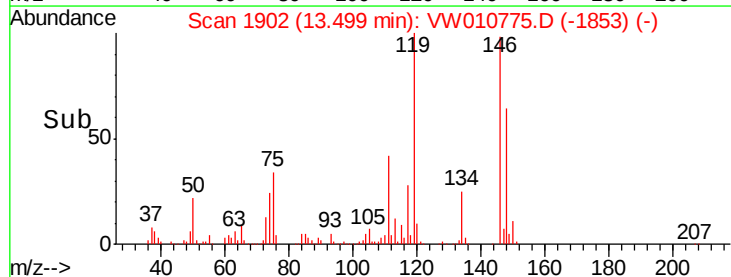
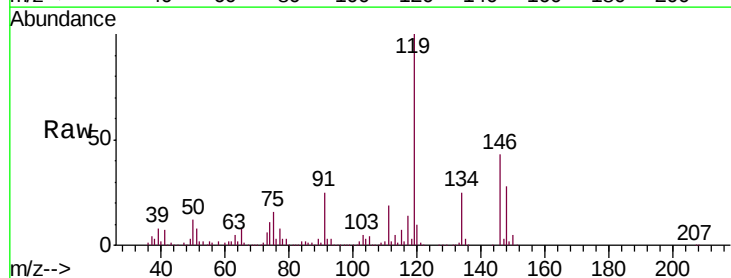
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

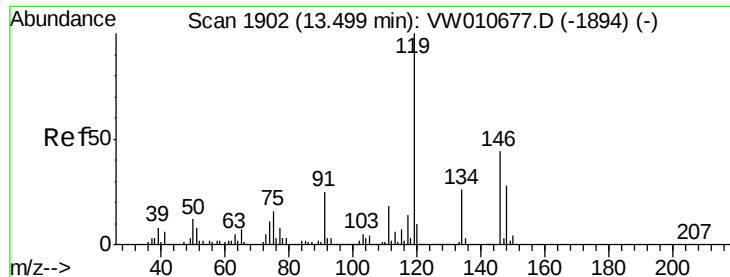
Tgt Ion:105 Resp: 275557
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.701 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion:119 Resp: 245863
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.916 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

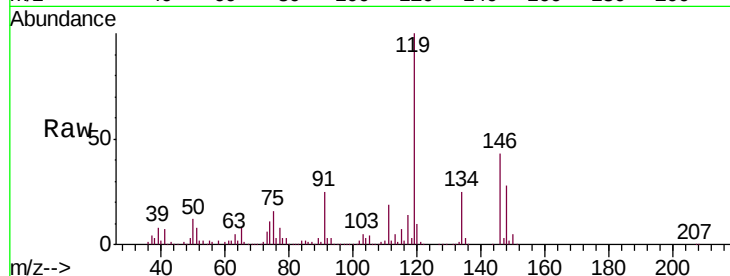
Tgt Ion:146 Resp: 115562

Ion Ratio Lower Upper

146 100

111 41.6 20.4 61.3

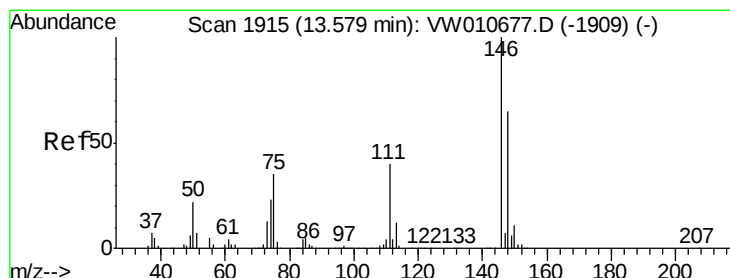
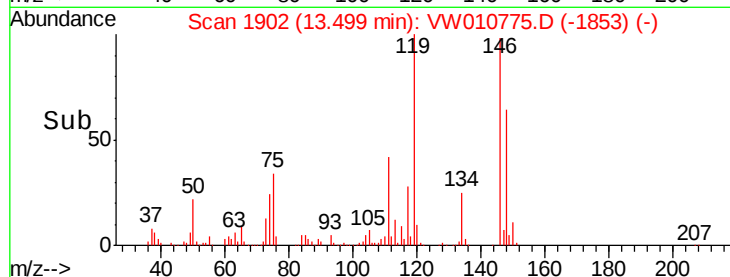
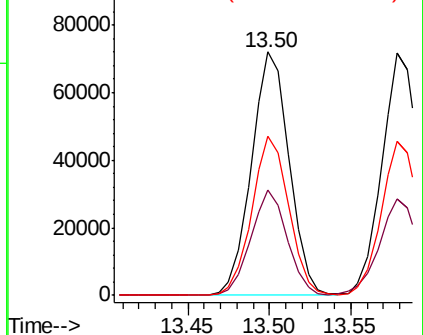
148 64.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.001 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

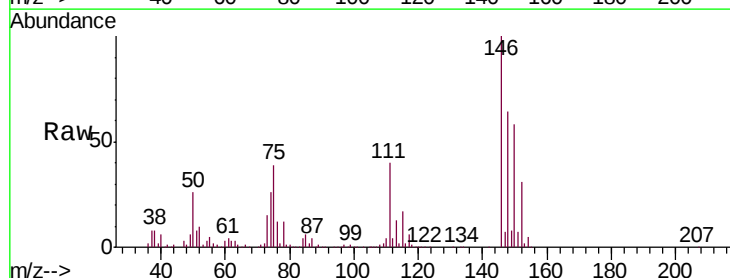
Tgt Ion:146 Resp: 115010

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.9

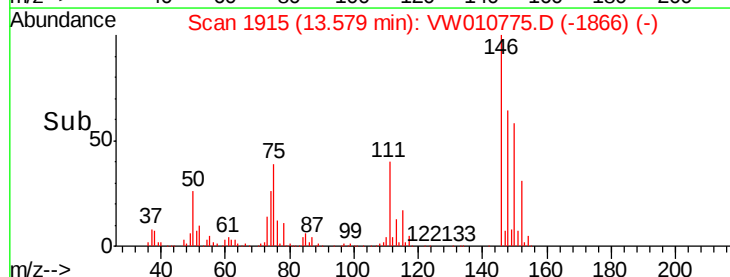
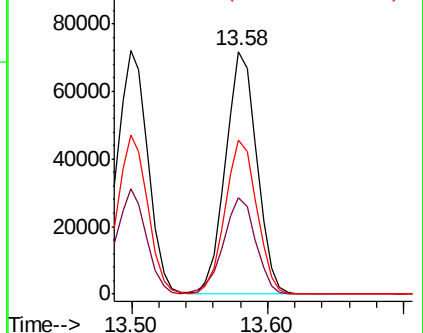
148 64.5 32.4 97.2

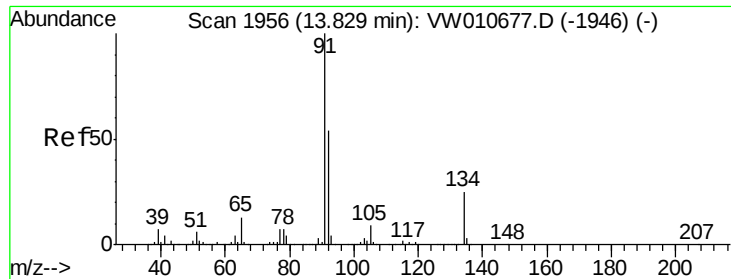


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.016 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

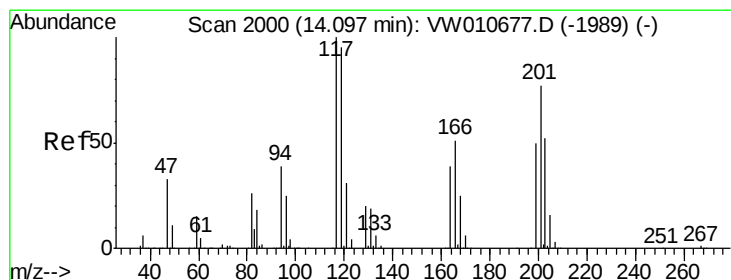
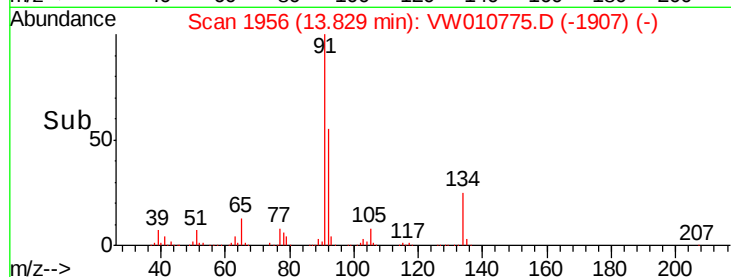
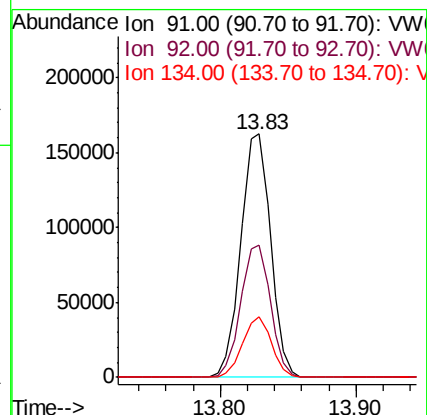
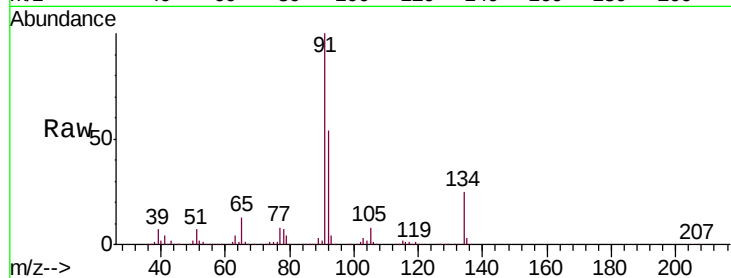
Tgt Ion: 91 Resp: 248869

Ion Ratio Lower Upper

91 100

92 54.2 27.3 81.8

134 24.2 12.3 36.9



#90

Hexachloroethane

Concen: 21.753 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010775.D

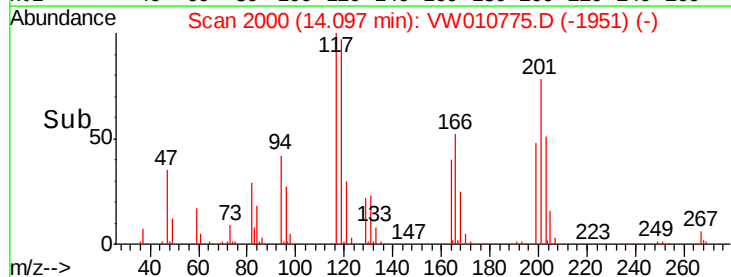
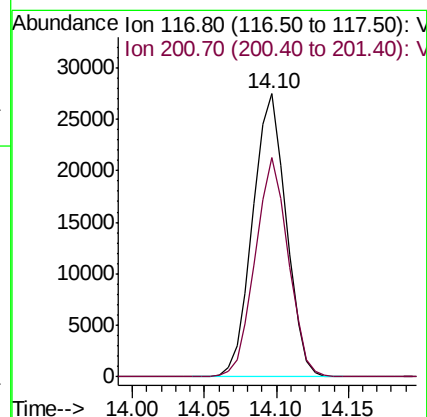
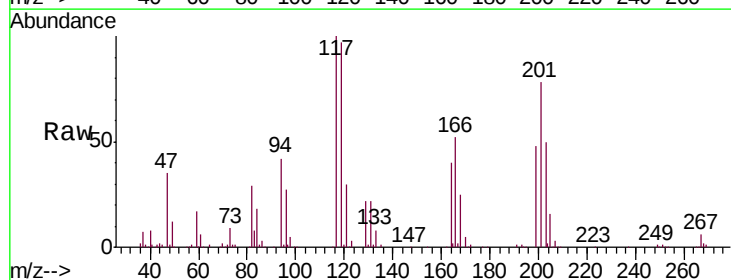
Acq: 12 Jun 2019 13:51

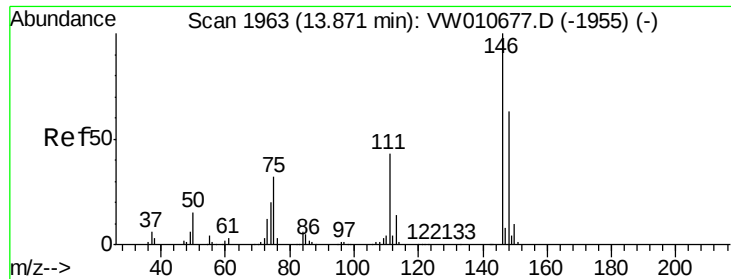
Tgt Ion: 117 Resp: 44135

Ion Ratio Lower Upper

117 100

201 76.7 38.8 116.4

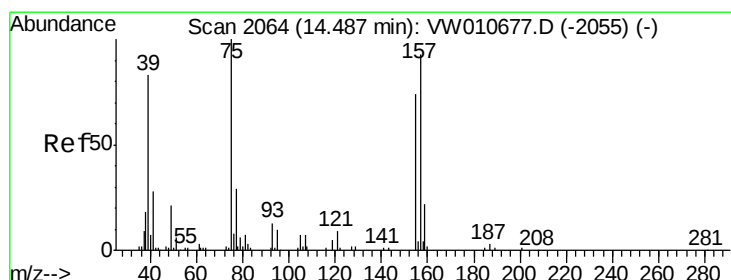
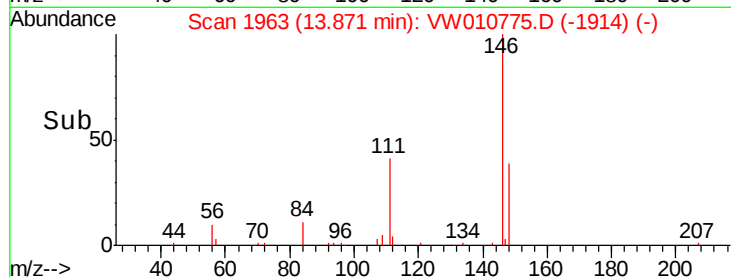
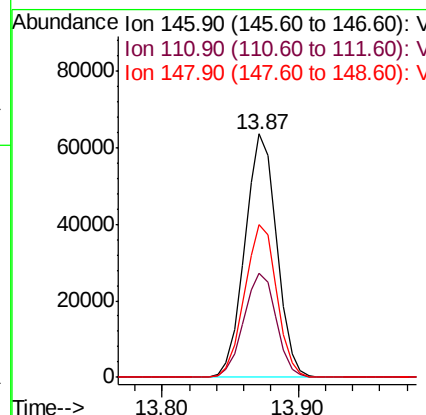
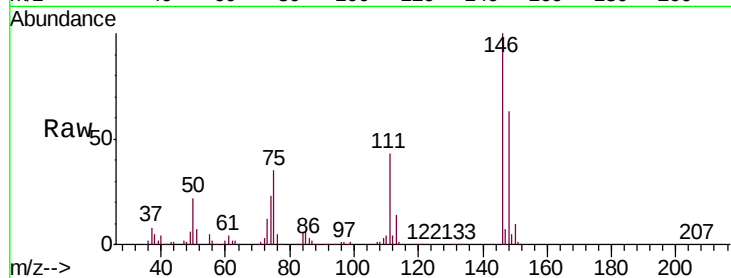




#91
 1,2-Dichlorobenzene
 Concen: 21.944 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

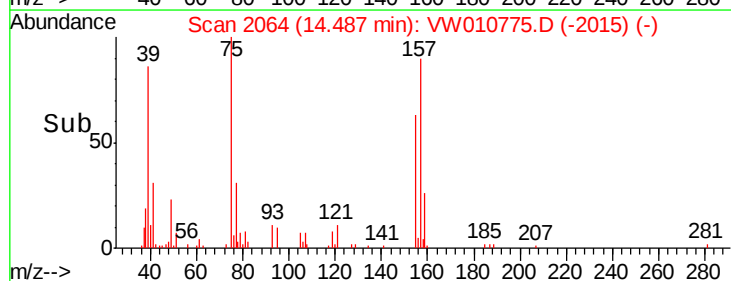
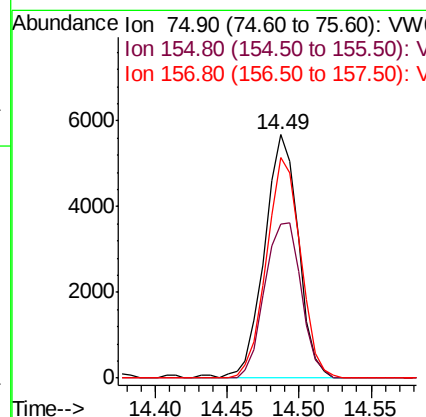
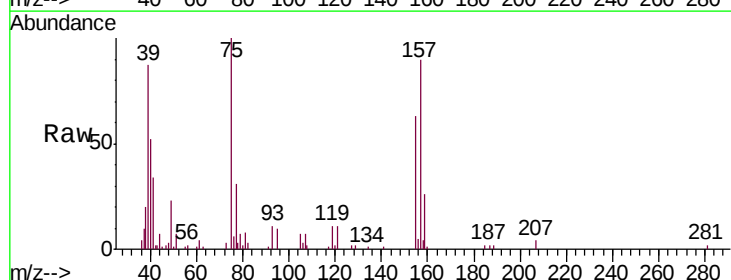
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

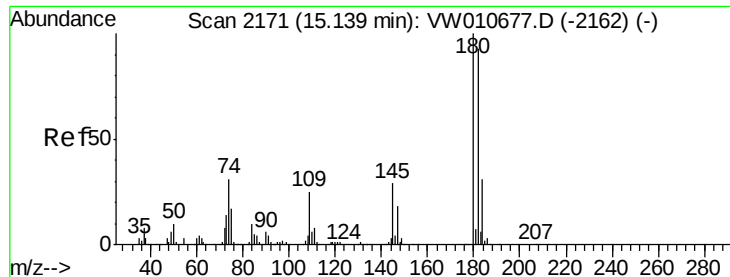
Tgt Ion:146 Resp: 104058
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.5 64.5
 148 63.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.572 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 75 Resp: 9243
 Ion Ratio Lower Upper
 75 100
 155 68.9 38.8 116.4
 157 91.1 48.4 145.0

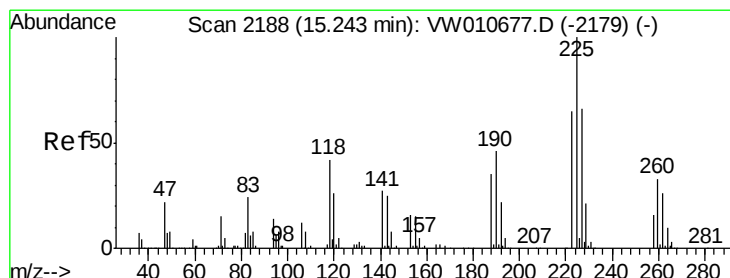
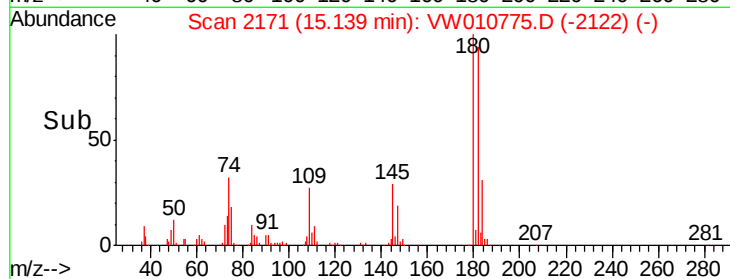
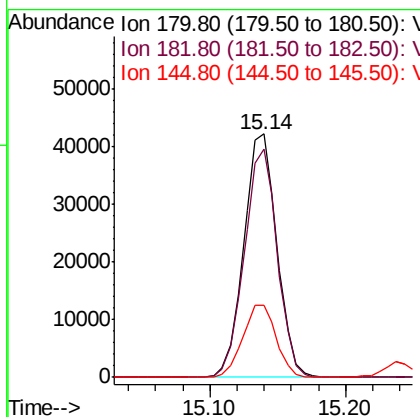
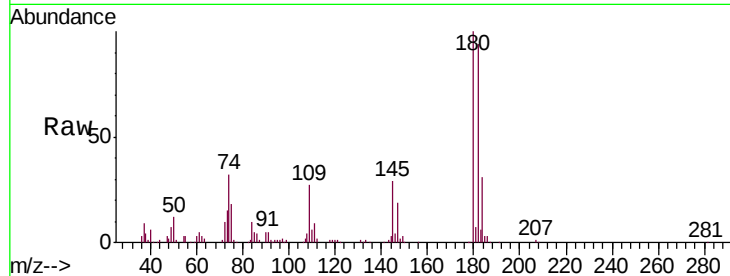




#93
 1,2,4-Trichlorobenzene
 Concen: 21.496 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

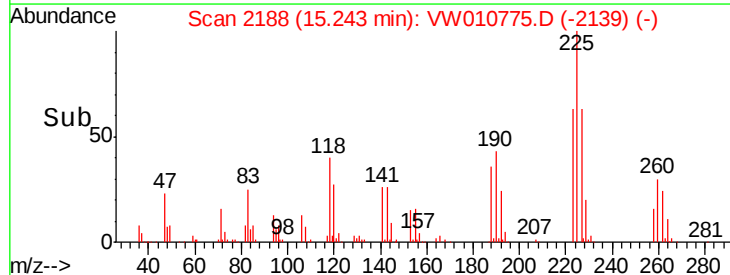
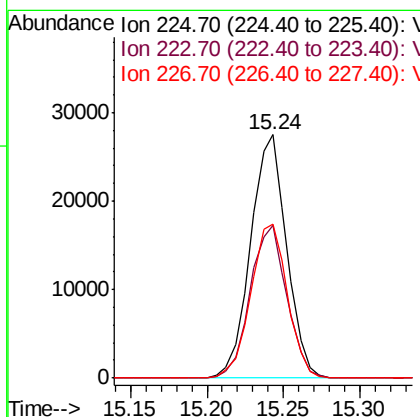
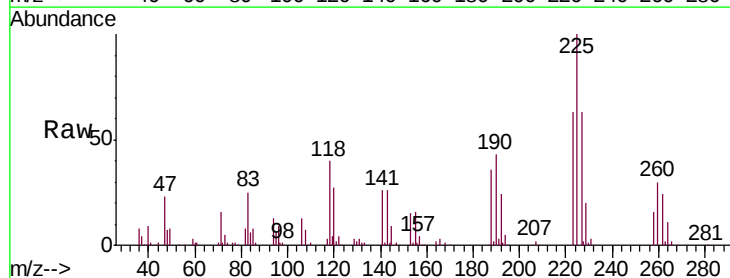
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

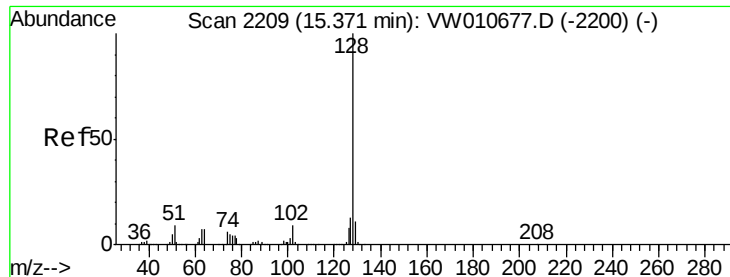
Tgt Ion:180 Resp: 71532
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.1 141.4
 145 30.2 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 21.536 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion:225 Resp: 44977
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.2 96.6
 227 64.5 32.0 96.0

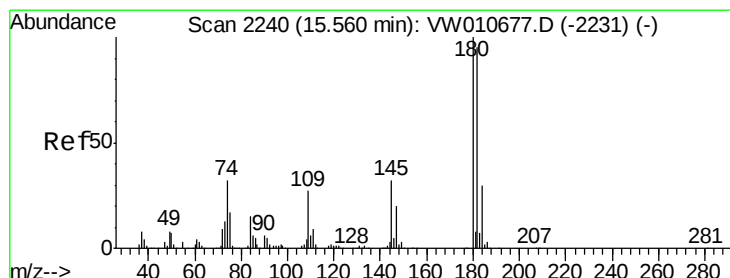
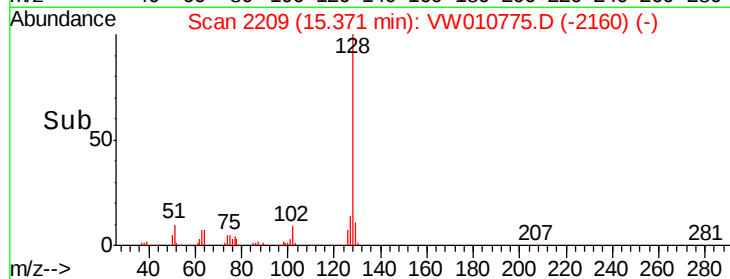
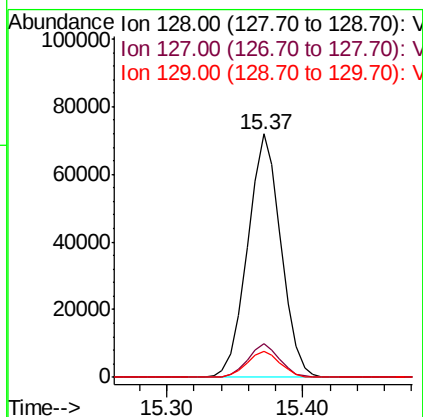
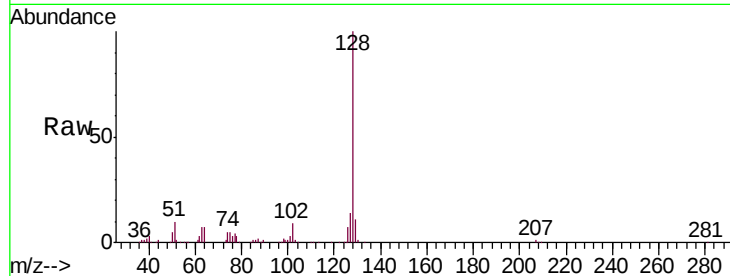




#95
Naphthalene
Concen: 20.425 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.846 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.0
145	31.9	16.1	48.3

