

Data File : VW010774.D
Acq On : 12 Jun 2019 13:24
Operator : SY/VA
Sample : VW0612SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Quant Time: Jun 13 07:35:15 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	253705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	126827	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
35) Dibromofluoromethane	7.88	113	100226	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	10.32	98	429536	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
62) 4-Bromofluorobenzene	12.62	95	156519	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46669	19.906	ug/l	98
3) Chloromethane	2.21	50	69907	20.267	ug/l	98
4) Vinyl Chloride	2.35	62	60836	19.089	ug/l	98
5) Bromomethane	2.74	94	36616	20.922	ug/l	93
6) Chloroethane	2.90	64	36742	19.207	ug/l	99
7) Trichlorofluoromethane	3.25	101	83134	20.096	ug/l	100
8) Diethyl Ether	3.68	74	26400	17.857	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50484	19.849	ug/l	99
10) Methyl Iodide	4.27	142	31935	15.817	ug/l	100
11) Tert butyl alcohol	5.16	59	31631	129.839	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	48018	19.571	ug/l	98
13) Acrolein	3.89	56	5357	53.812	ug/l	98
14) Allyl chloride	4.67	41	109049	20.158	ug/l	100
15) Acrylonitrile	5.37	53	62363	86.829	ug/l	99
16) Acetone	4.12	43	69361	86.565	ug/l	100
17) Carbon Disulfide	4.37	76	146344	18.790	ug/l	99
18) Methyl Acetate	4.67	43	31604	18.323	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	129935	18.362	ug/l	99
20) Methylene Chloride	4.92	84	57220	20.357	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	54945	19.727	ug/l	99
22) Diisopropyl ether	6.31	45	217690	20.100	ug/l	99
23) Vinyl Acetate	6.25	43	589334	90.165	ug/l	100
24) 1,1-Dichloroethane	6.21	63	109688	20.209	ug/l	99
25) 2-Butanone	7.17	43	96783	87.109	ug/l	97
26) 2,2-Dichloropropane	7.16	77	96605	21.873	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	60276	19.665	ug/l	94
28) Bromochloromethane	7.51	49	45529	18.796	ug/l	97
29) Tetrahydrofuran	7.52	42	59247	84.778	ug/l	99
30) Chloroform	7.68	83	98859	19.913	ug/l	98
31) Cyclohexane	7.95	56	118707	19.675	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	88123	20.320	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85006	19.964	ug/l	100
37) Ethyl Acetate	7.25	43	40204	17.039	ug/l	99
38) Carbon Tetrachloride	8.07	117	73791	20.075	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104970	19.393	ug/l	98
40) Benzene	8.32	78	230780	19.868	ug/l	99
41) Methacrylonitrile	7.49	41	23816	16.981	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70272	19.061	ug/l	98
43) Isopropyl Acetate	8.43	43	77320	16.962	ug/l	97
44) Trichloroethene	9.09	130	56384	19.678	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60453	19.660	ug/l	96
46) Dibromomethane	9.46	93	26267	18.392	ug/l	98
47) Bromodichloromethane	9.64	83	71274	19.252	ug/l	96
48) Methyl methacrylate	9.44	41	37738	17.171	ug/l	100
49) 1,4-Dioxane	9.44	88	8220	368.125	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	198540	85.255	ug/l	99
52) Toluene	10.39	92	141570	19.808	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	73033	18.625	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89621	19.423	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37309	18.133	ug/l	95
56) Ethyl methacrylate	10.65	69	54708	17.280	ug/l	95
57) 1,3-Dichloropropane	10.93	76	72084	18.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	140631	84.807	ug/l	99
59) 2-Hexanone	10.97	43	137933	81.954	ug/l	99
60) Dibromochloromethane	11.13	129	41588	18.234	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34526	17.711	ug/l	99
64) Tetrachloroethene	10.86	164	47111	19.468	ug/l	97
65) Chlorobenzene	11.66	112	142805	19.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49154	19.812	ug/l	100
67) Ethyl Benzene	11.73	91	276154	20.048	ug/l	98
68) m/p-Xylenes	11.84	106	199845	40.530	ug/l	99
69) o-Xylene	12.17	106	92590	19.799	ug/l	95
70) Styrene	12.18	104	161950	19.935	ug/l	99
71) Bromoform	12.35	173	22090	17.215	ug/l #	100
73) Isopropylbenzene	12.47	105	263048	20.082	ug/l	99
74) N-amyl acetate	12.27	43	74082	17.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43311	17.369	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58722	32.080	ug/l #	100
77) Bromobenzene	12.75	156	55870	19.540	ug/l	99
78) n-propylbenzene	12.80	91	322113	20.394	ug/l	99
79) 2-Chlorotoluene	12.90	91	183023	20.283	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219258	20.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13163	16.527	ug/l	97
82) 4-Chlorotoluene	12.99	91	190420	20.449	ug/l	98
83) tert-Butylbenzene	13.21	119	190946	20.985	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	219529	20.348	ug/l	100
85) sec-Butylbenzene	13.39	105	268979	20.304	ug/l	100
86) p-Isopropyltoluene	13.50	119	240510	20.301	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	108953	19.760	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	107655	19.694	ug/l	98
89) n-Butylbenzene	13.83	91	243839	20.629	ug/l	100
90) Hexachloroethane	14.10	117	42207	19.894	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	95848	19.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7663	17.896	ug/l	89

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

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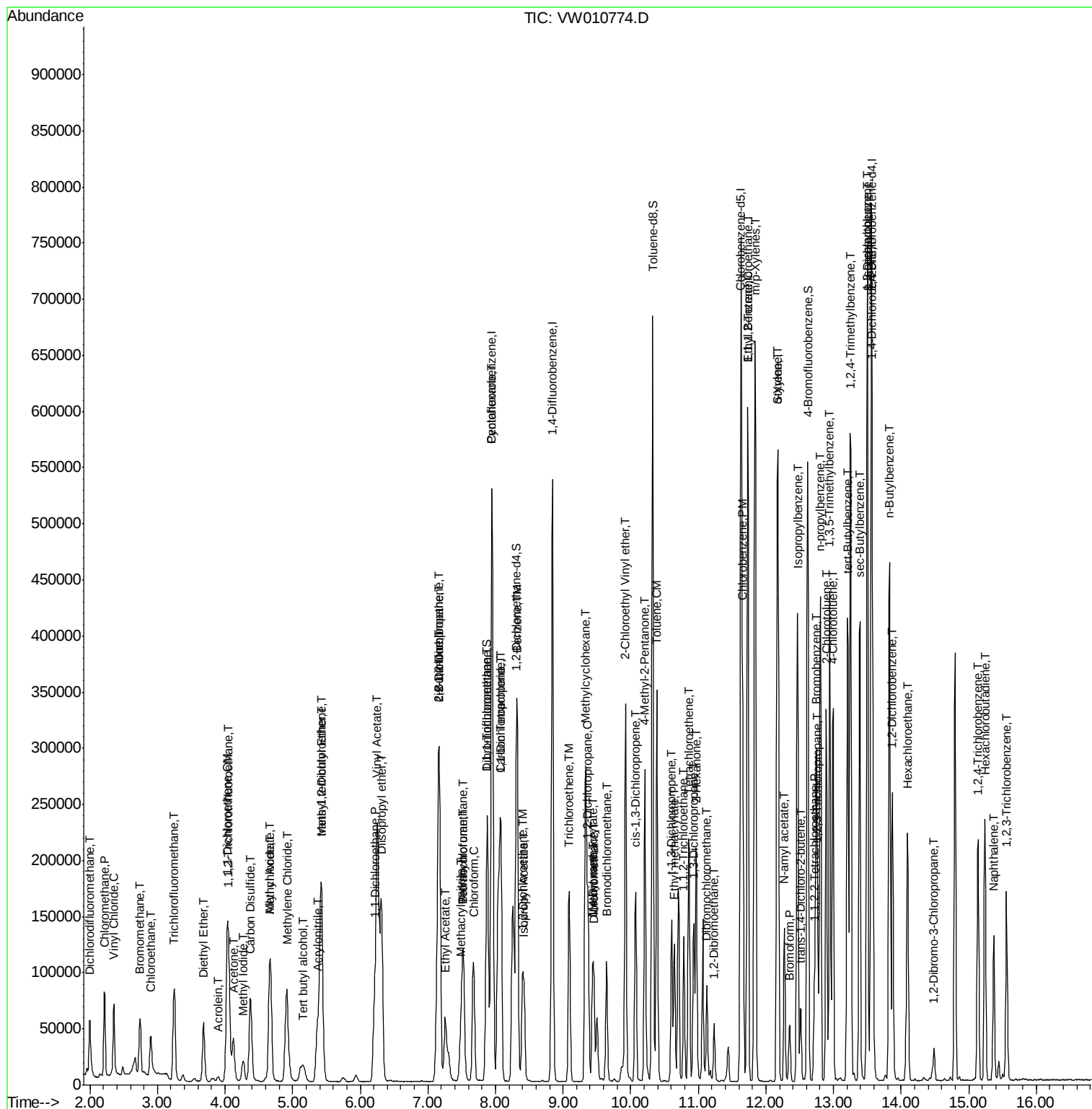
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64682	18.588	ug/l	99
94) Hexachlorobutadiene	15.24	225	44198	20.238	ug/l	98
95) Naphthalene	15.37	128	103605	16.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	54834	18.529	ug/l	99

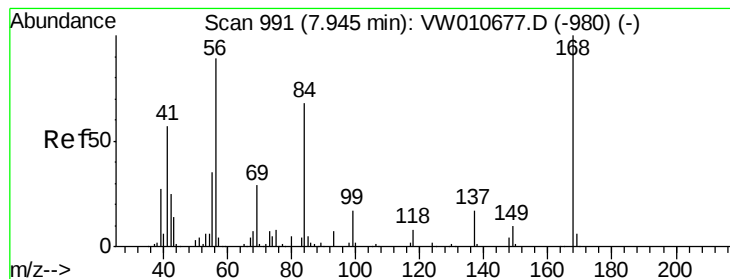
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

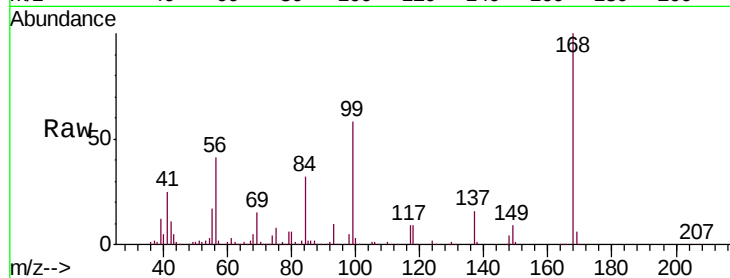
VW0612SBS01

Tgt Ion:168 Resp: 253705

Ion Ratio Lower Upper

168 100

99 57.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

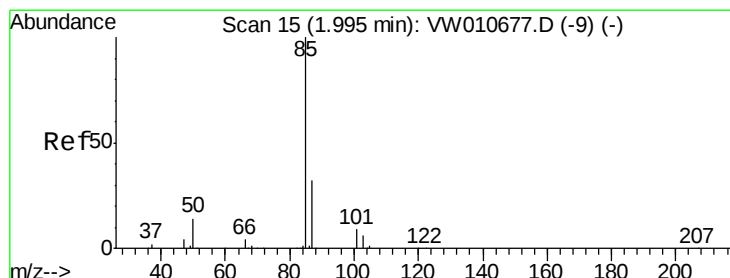
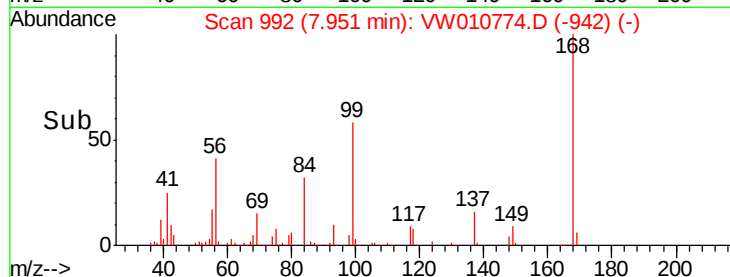
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.906 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010774.D

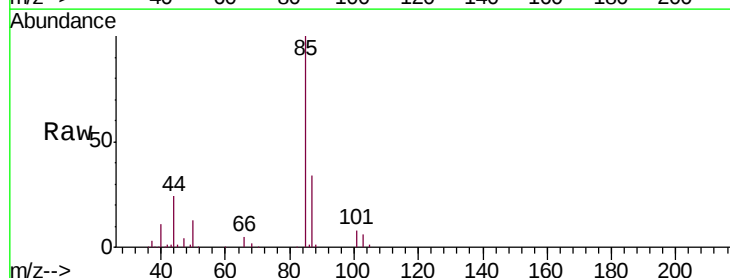
Acq: 12 Jun 2019 13:24

Tgt Ion: 85 Resp: 46669

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

1.99

30000

25000

20000

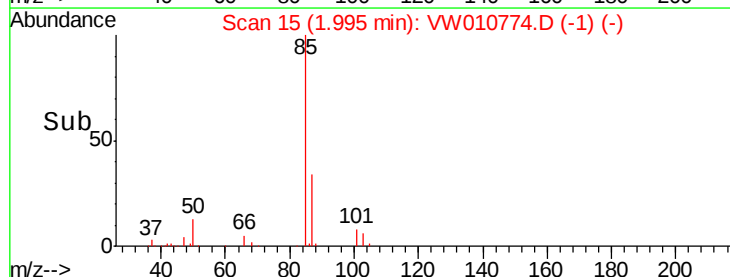
15000

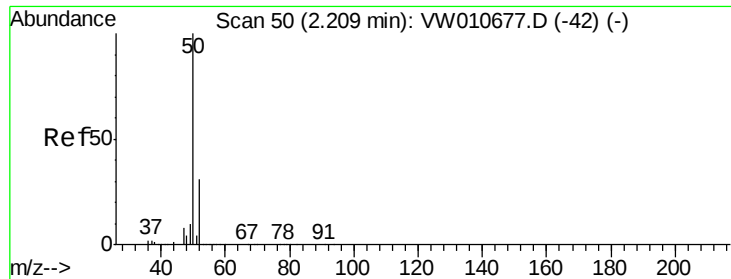
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.267 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

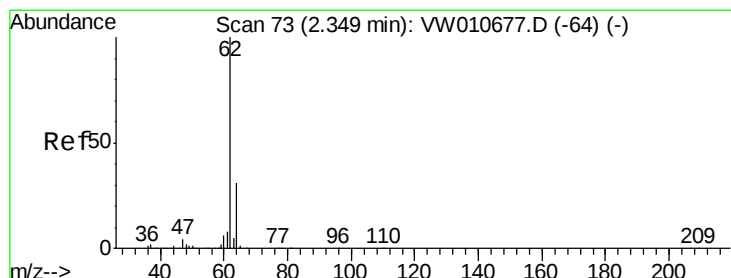
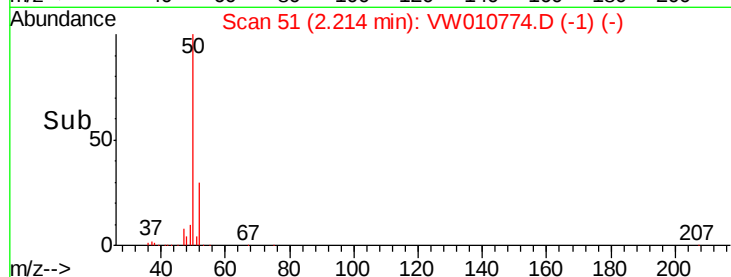
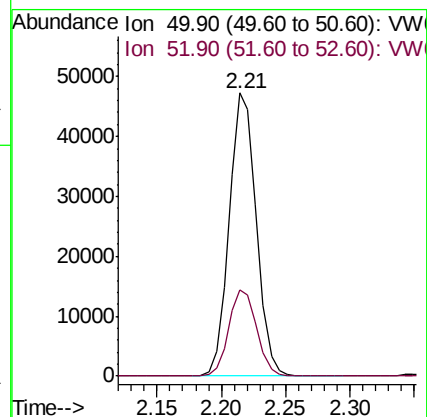
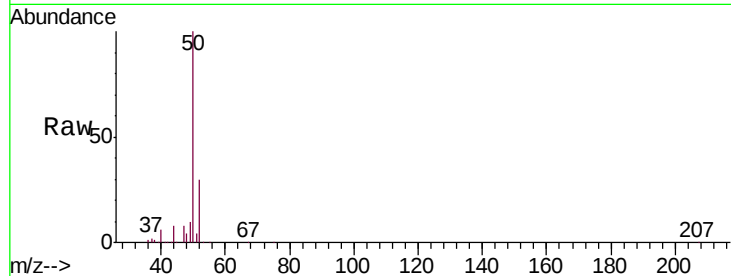
VW0612SBS01

Tgt Ion: 50 Resp: 69907

Ion Ratio Lower Upper

50 100

52 30.3 25.2 37.8



#4

Vinyl Chloride

Concen: 19.089 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010774.D

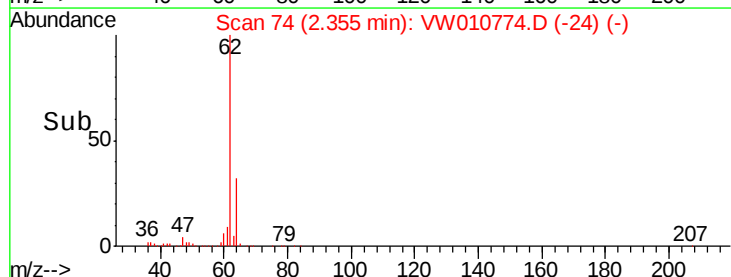
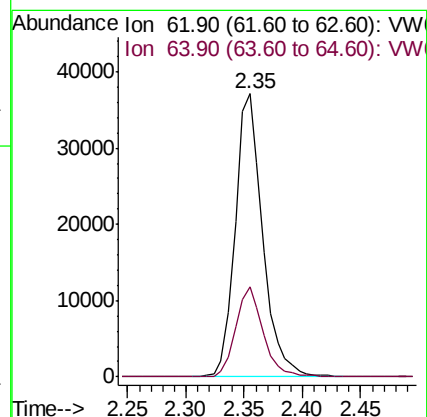
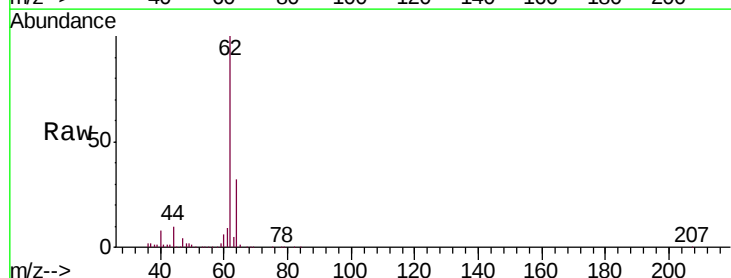
Acq: 12 Jun 2019 13:24

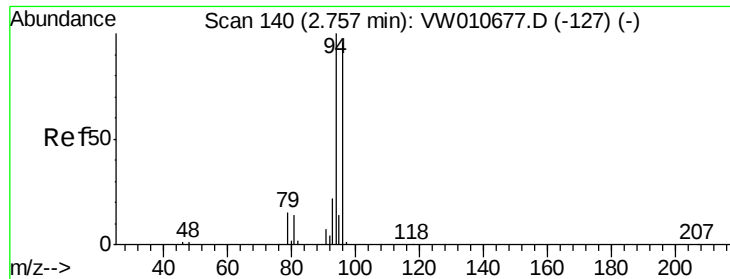
Tgt Ion: 62 Resp: 60836

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 20.922 ug/l

RT: 2.74 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

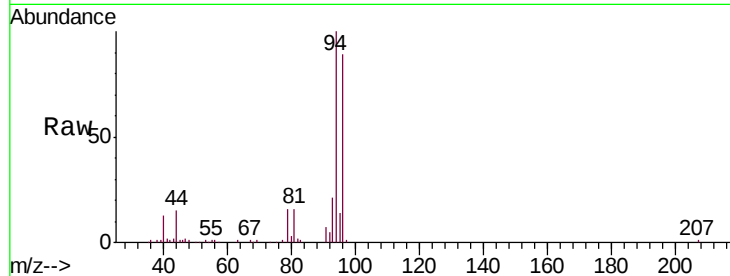
VW0612SBS01

Tgt Ion: 94 Resp: 36616

Ion Ratio Lower Upper

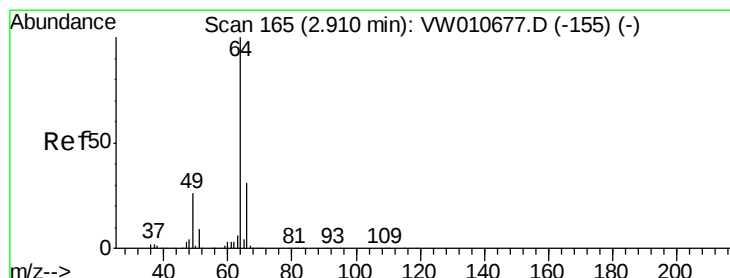
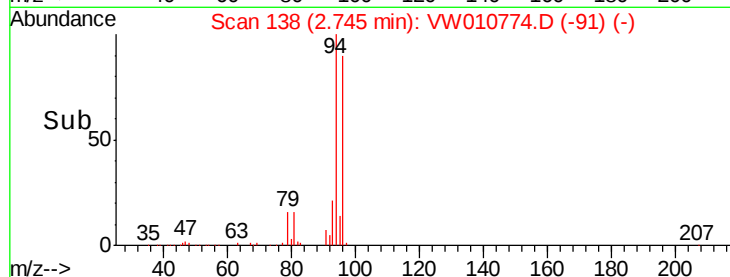
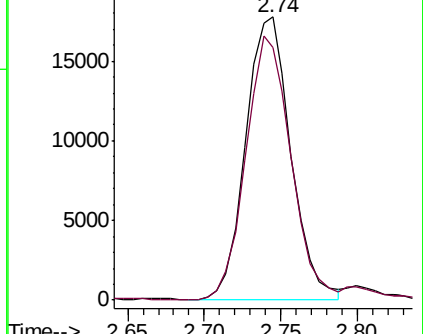
94 100

96 88.7 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: 19.207 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010774.D

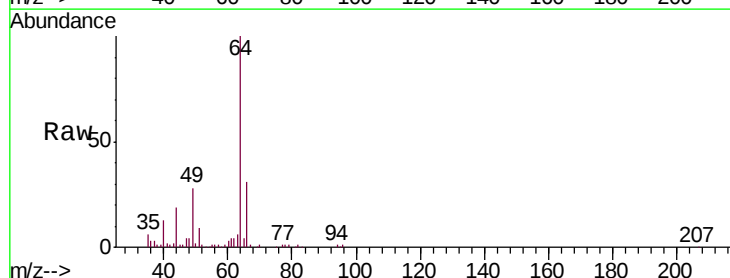
Acq: 12 Jun 2019 13:24

Tgt Ion: 64 Resp: 36742

Ion Ratio Lower Upper

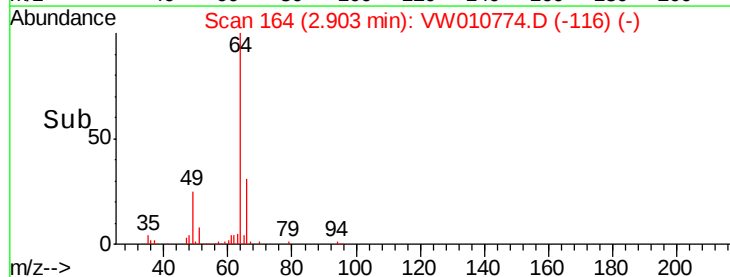
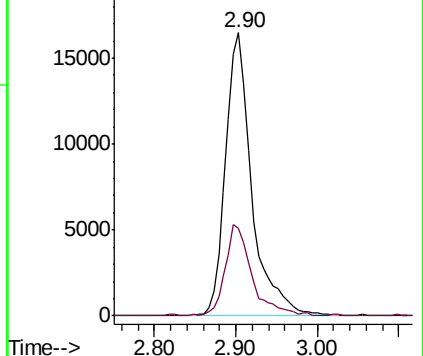
64 100

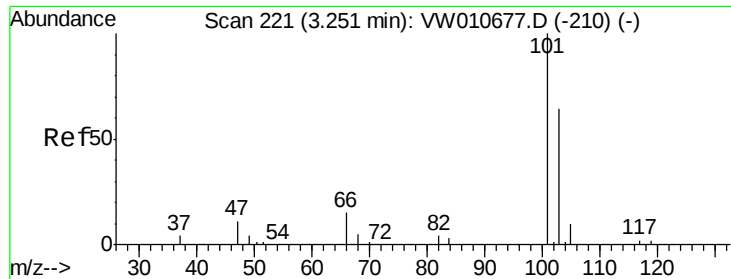
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



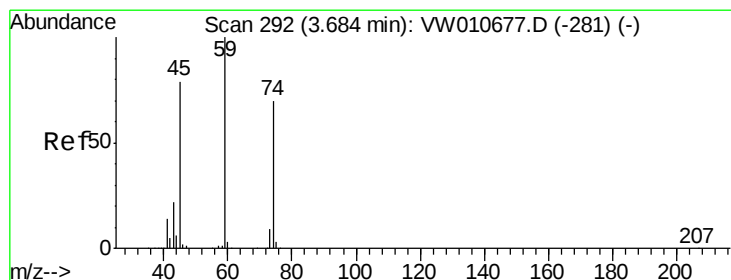
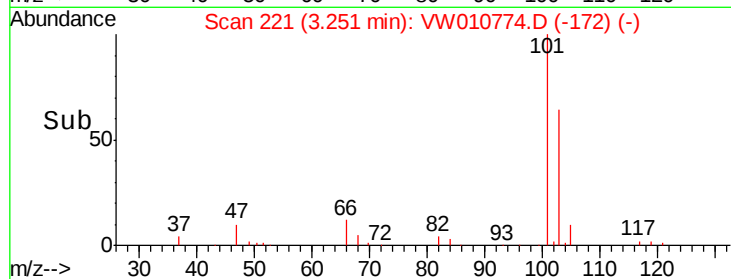
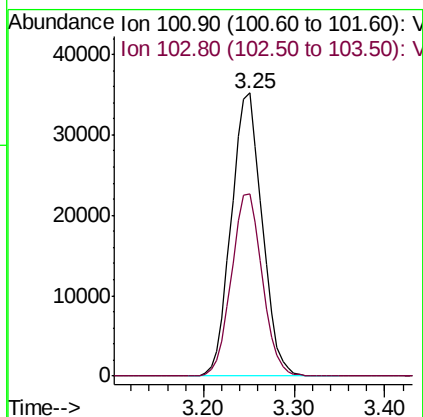
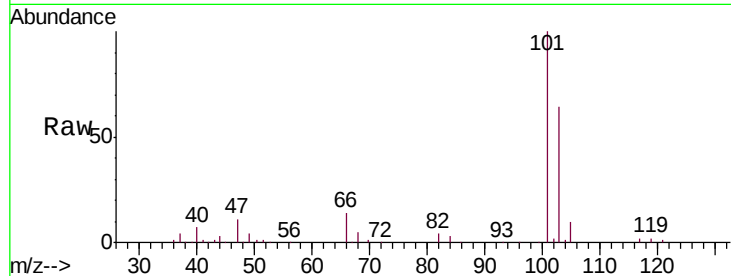


#7

Trichlorofluoromethane
 Concen: 20.096 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010774.D
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Instrument :
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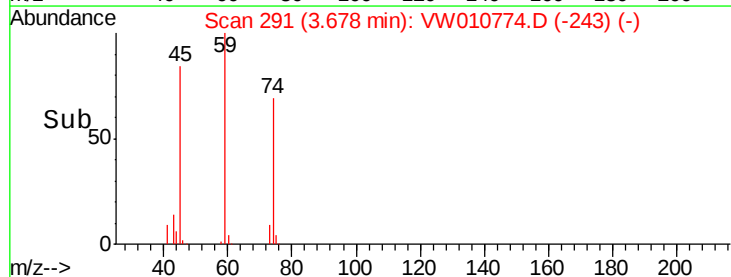
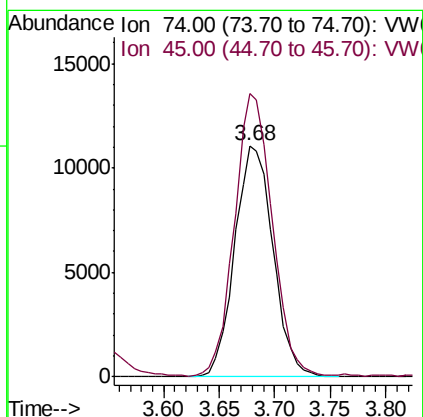
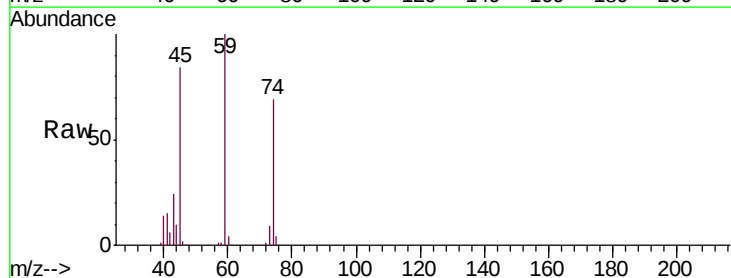
Tgt Ion: 101 Resp: 83134
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.2 76.8

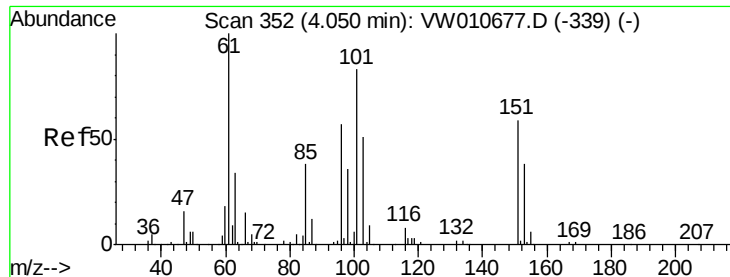


#8

Diethyl Ether
 Concen: 17.857 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010774.D
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Tgt Ion: 74 Resp: 26400
 Ion Ratio Lower Upper
 74 100
 45 121.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.849 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010774.D

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Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

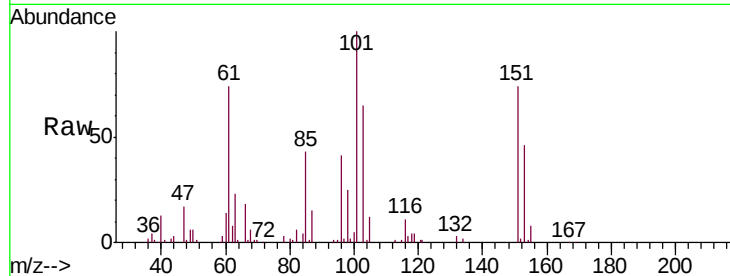
Tgt Ion:101 Resp: 50484

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.8

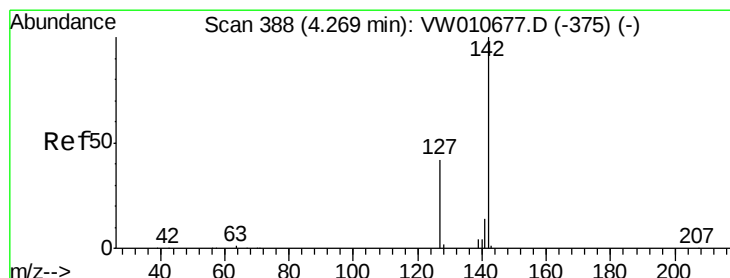
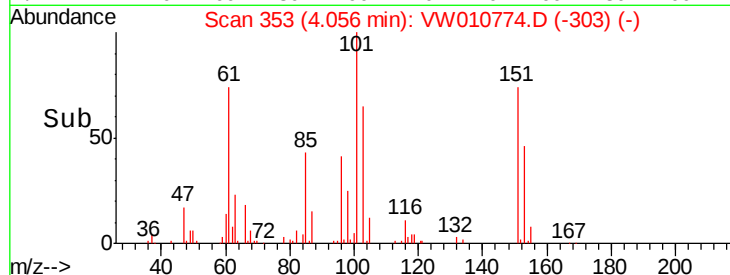
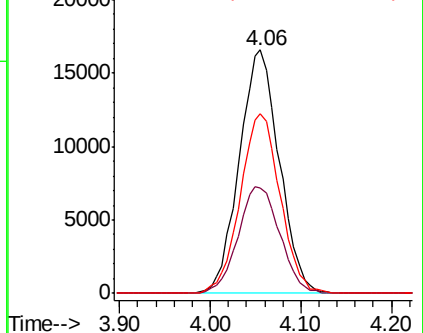
151 73.7 58.1 87.1



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: 15.817 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

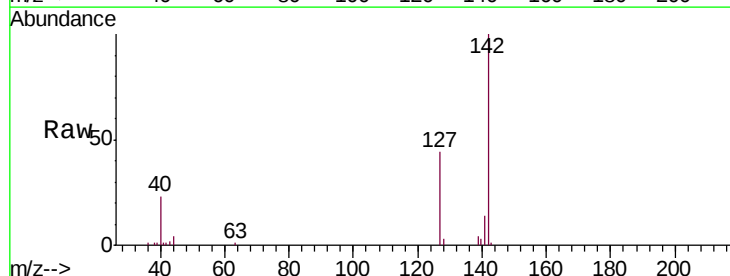
Tgt Ion:142 Resp: 31935

Ion Ratio Lower Upper

142 100

127 43.3 34.6 51.8

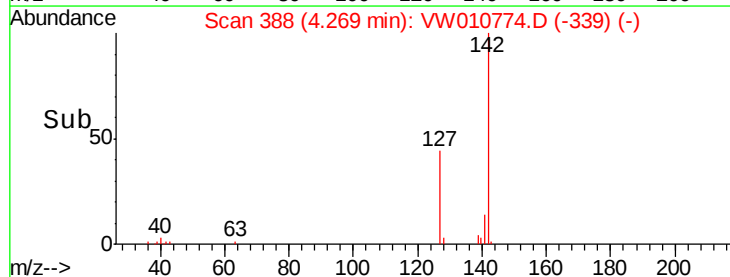
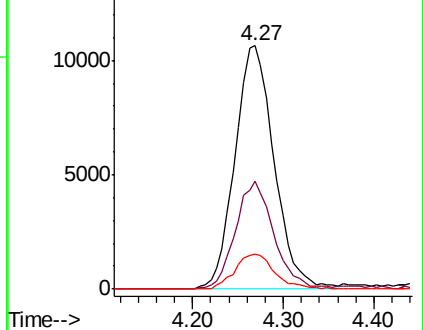
141 14.5 11.6 17.4

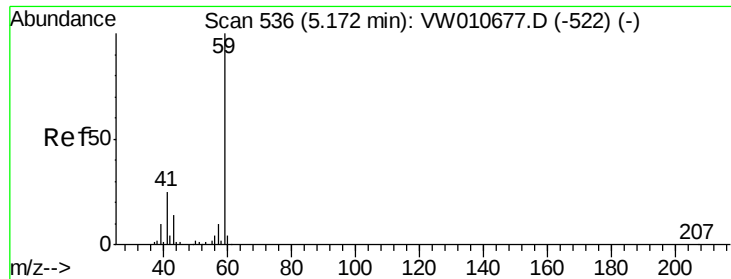


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



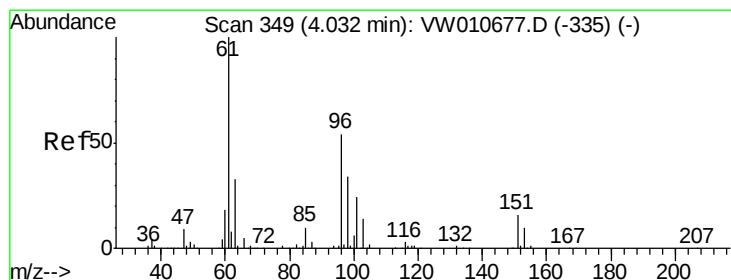
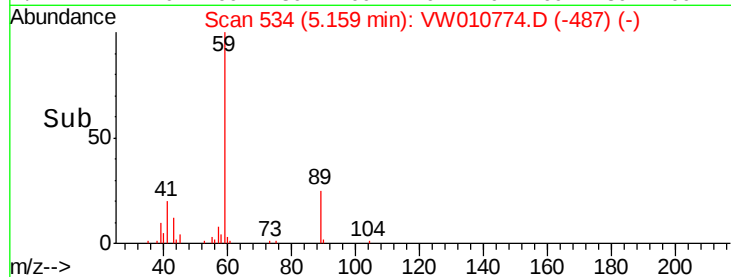
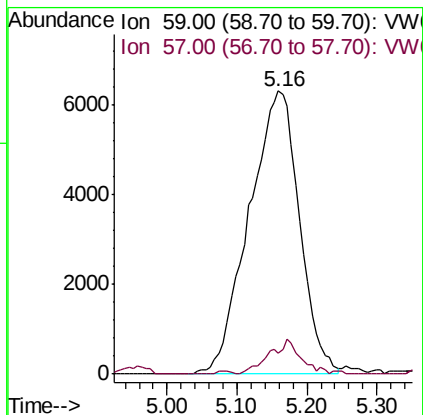
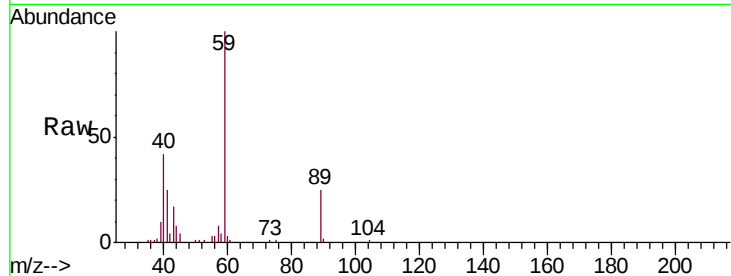


#11

Tert butyl alcohol
Concen: 129.839 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

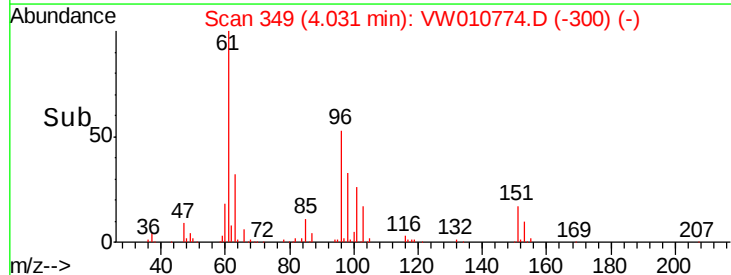
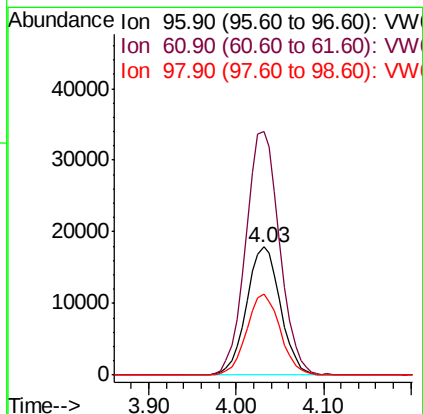
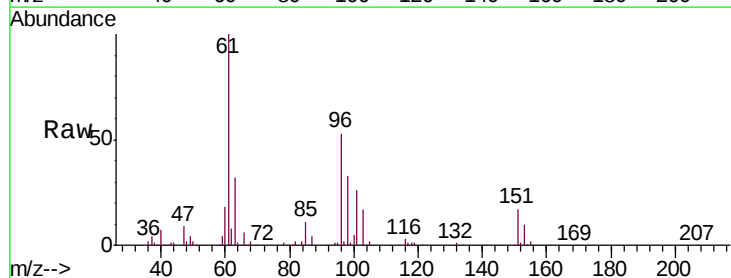
Tgt Ion: 59 Resp: 31631
Ion Ratio Lower Upper
59 100
57 7.7 8.6 12.8#

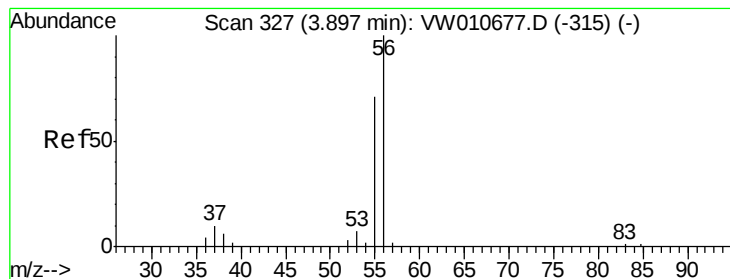


#12

1,1-Dichloroethene
Concen: 19.571 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 96 Resp: 48018
Ion Ratio Lower Upper
96 100
61 190.1 149.1 223.7
98 63.6 51.1 76.7





#13

Acrolein

Concen: 53.812 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

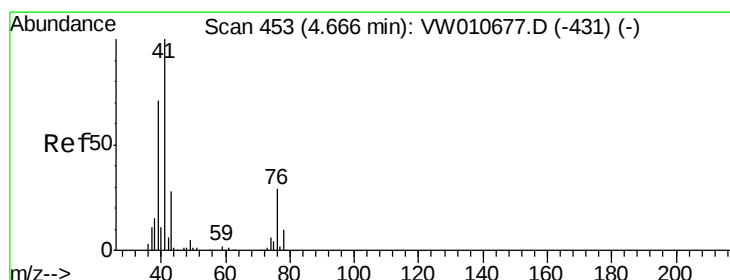
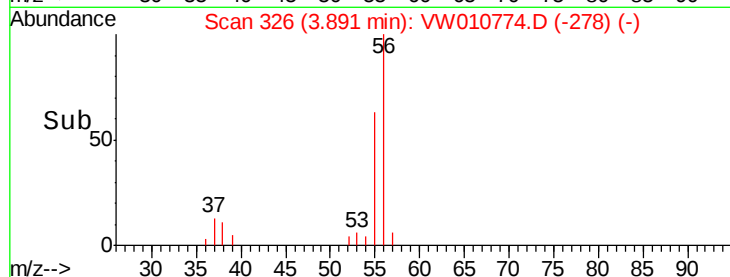
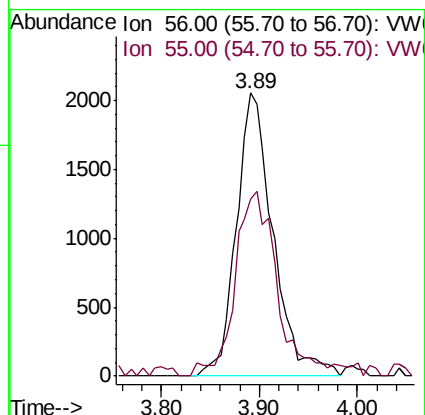
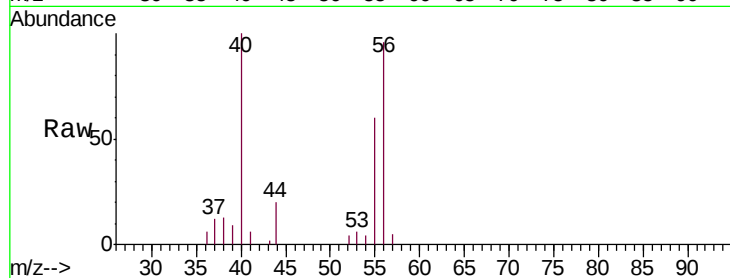
VW0612SBS01

Tgt Ion: 56 Resp: 5357

Ion Ratio Lower Upper

56 100

55 73.6 57.6 86.4



#14

Allyl chloride

Concen: 20.158 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

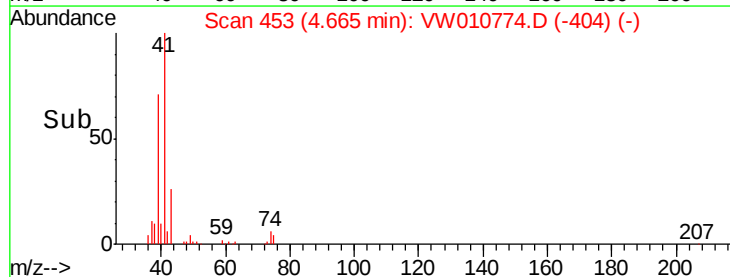
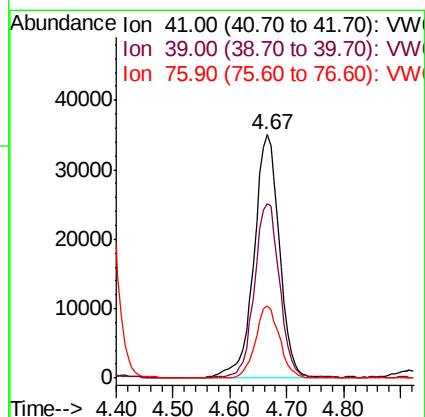
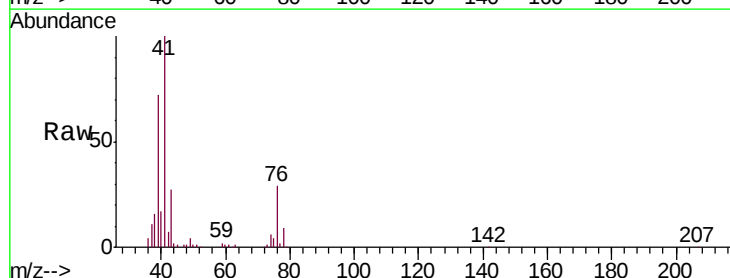
Tgt Ion: 41 Resp: 109049

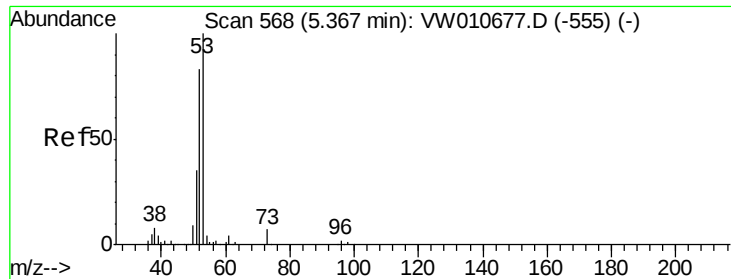
Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 86.829 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

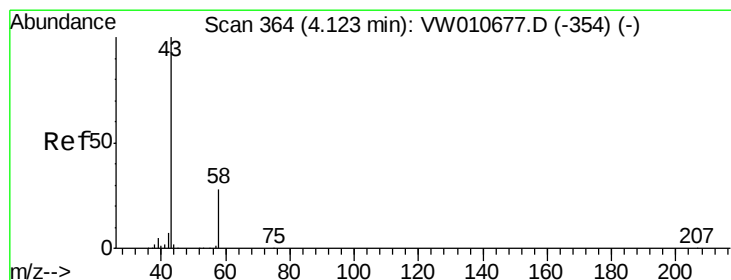
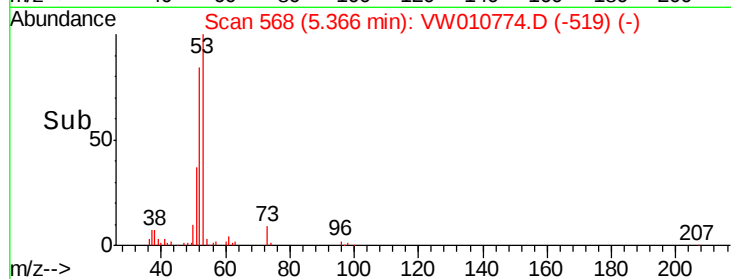
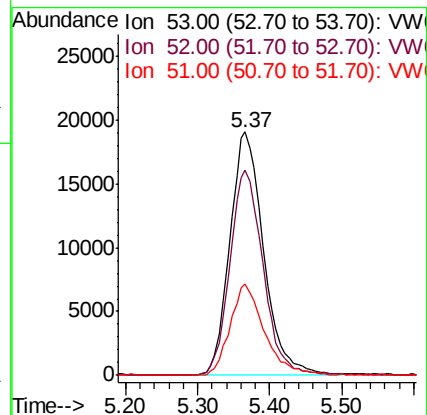
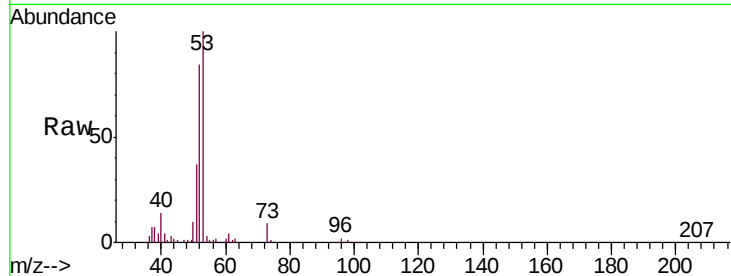
Tgt Ion: 53 Resp: 62363

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

51 38.1 29.8 44.8



#16

Acetone

Concen: 86.565 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010774.D

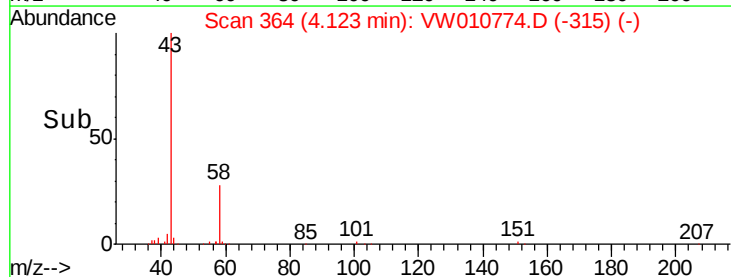
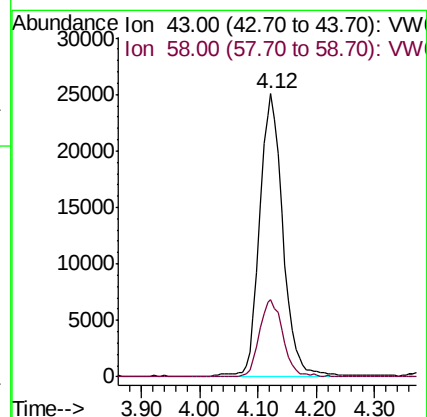
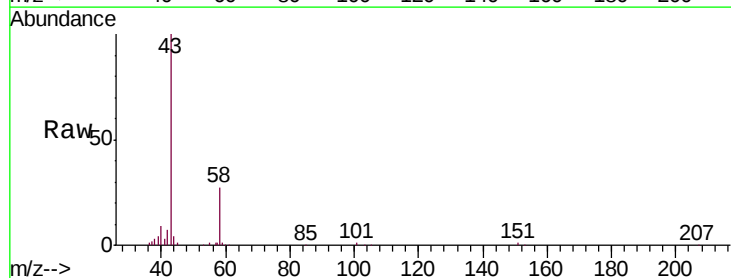
Acq: 12 Jun 2019 13:24

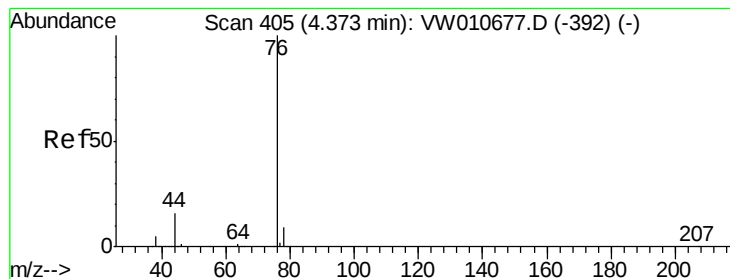
Tgt Ion: 43 Resp: 69361

Ion Ratio Lower Upper

43 100

58 27.4 22.1 33.1





#17

Carbon Disulfide

Concen: 18.790 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

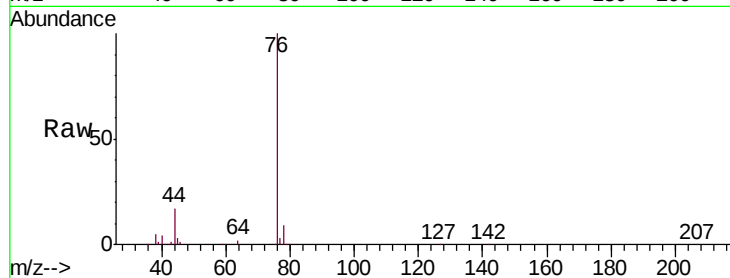
VW0612SBS01

Tgt Ion: 76 Resp: 146344

Ion Ratio Lower Upper

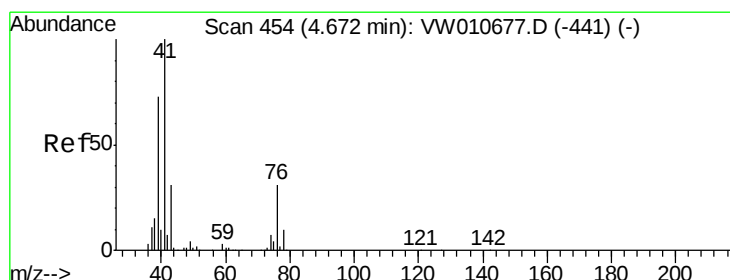
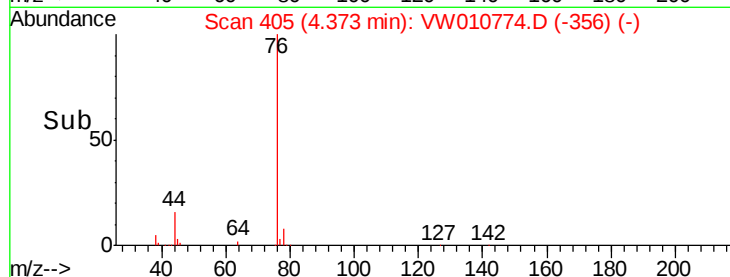
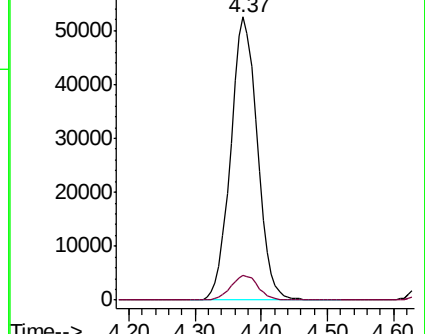
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.323 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010774.D

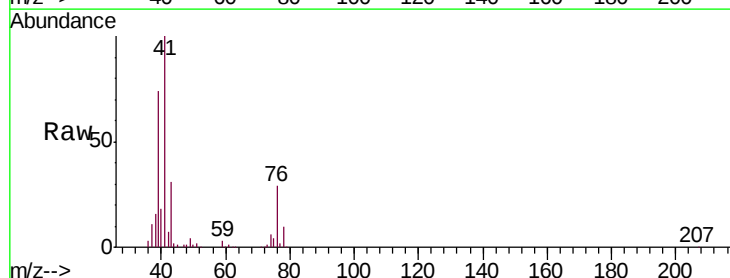
Acq: 12 Jun 2019 13:24

Tgt Ion: 43 Resp: 31604

Ion Ratio Lower Upper

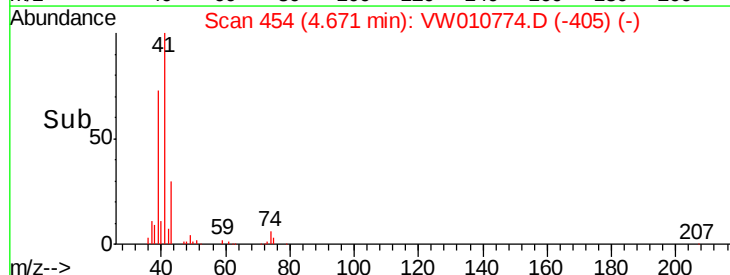
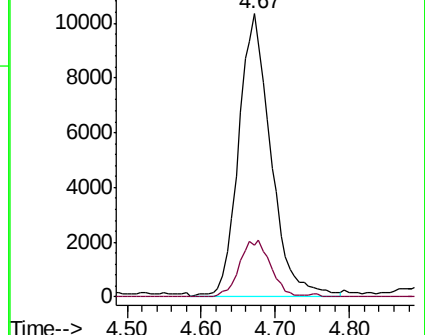
43 100

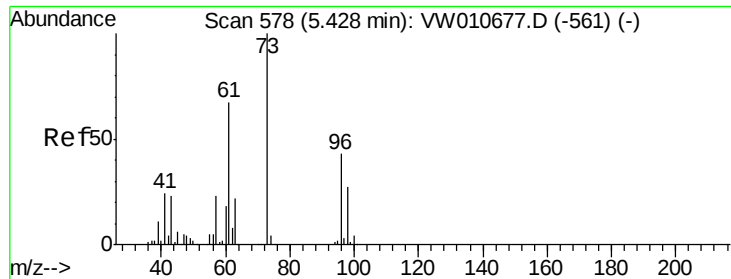
74 19.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

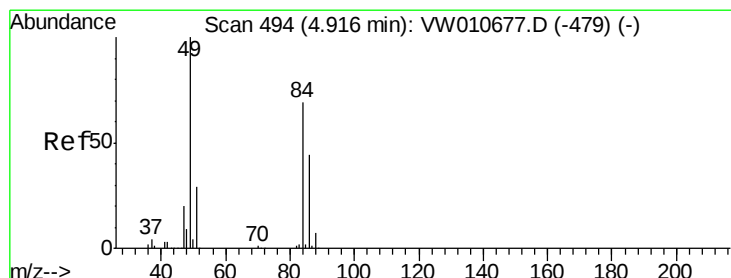
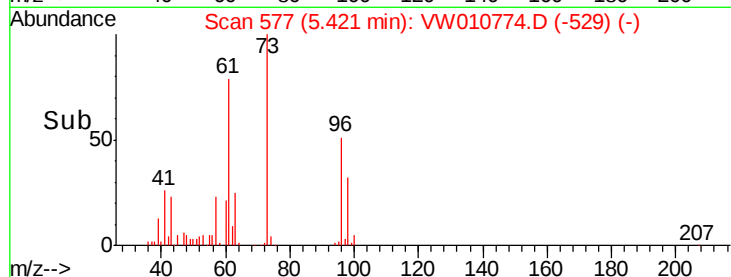
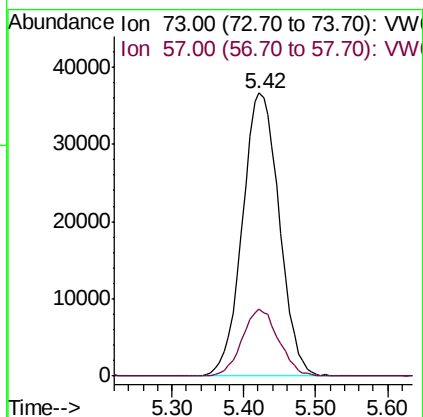
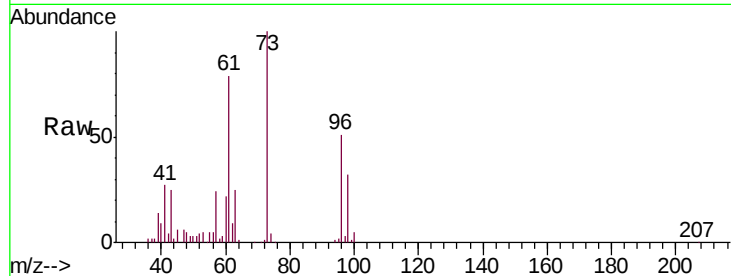




#19
Methyl tert-butyl Ether
Concen: 18.362 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

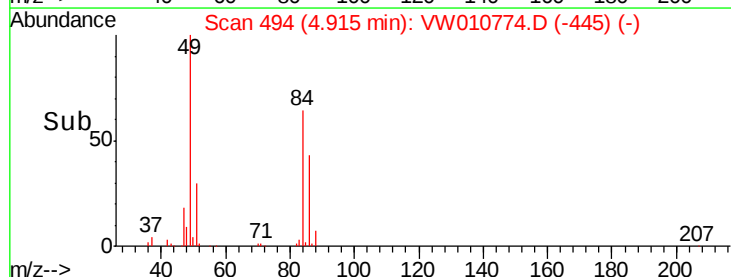
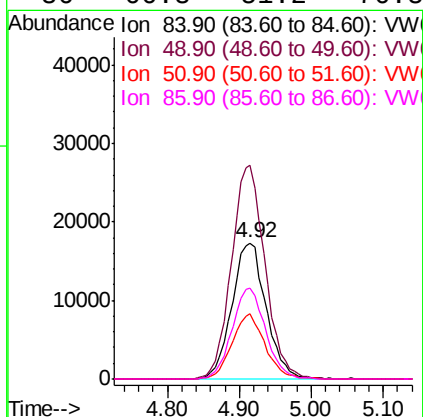
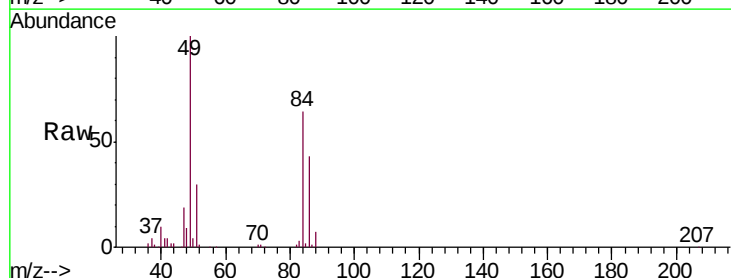
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

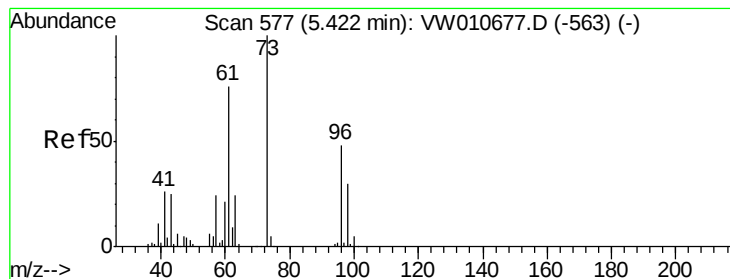
Tgt Ion: 73 Resp: 129935
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8



#20
Methylene Chloride
Concen: 20.357 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 84 Resp: 57220
Ion Ratio Lower Upper
84 100
49 156.9 116.7 175.1
51 47.7 34.2 51.2
86 66.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.727 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

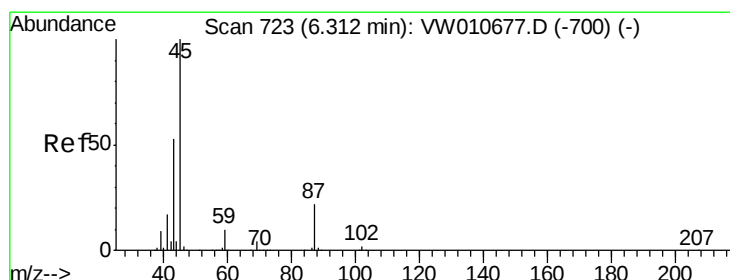
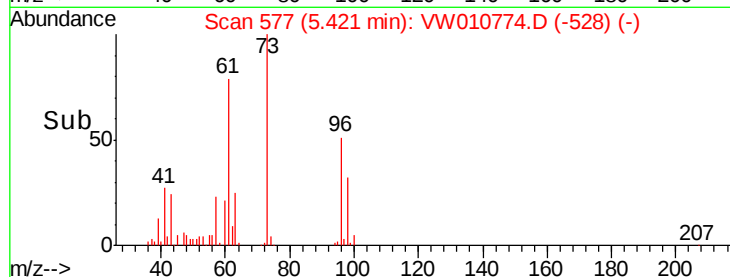
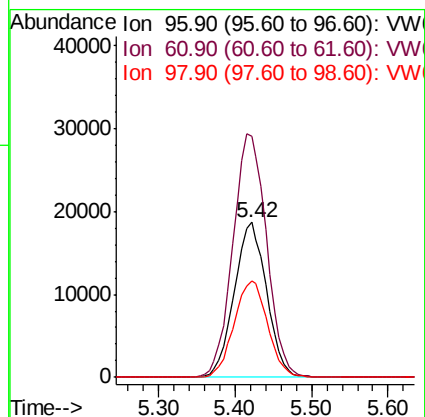
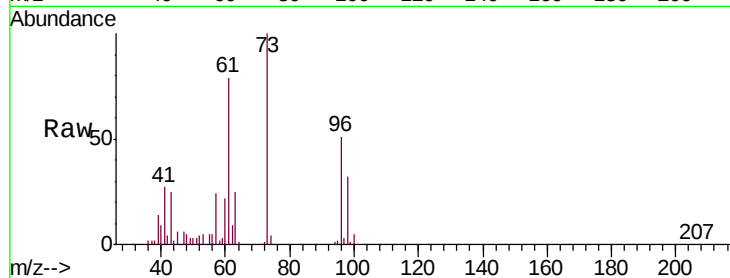
Tgt Ion: 96 Resp: 54945

Ion Ratio Lower Upper

96 100

61 155.5 126.0 189.0

98 62.0 49.6 74.4



#22

Diisopropyl ether

Concen: 20.100 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion: 45 Resp: 217690

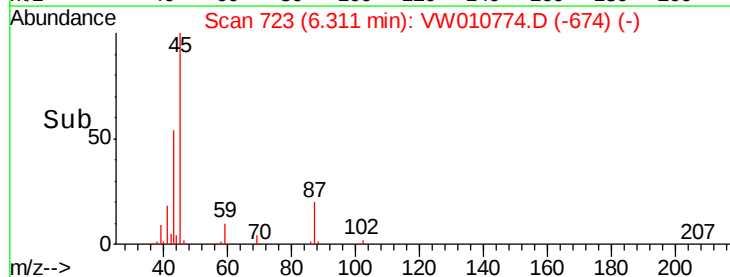
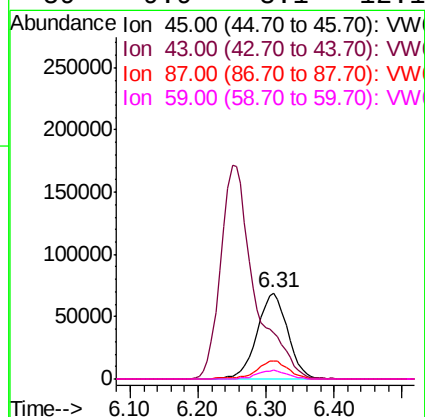
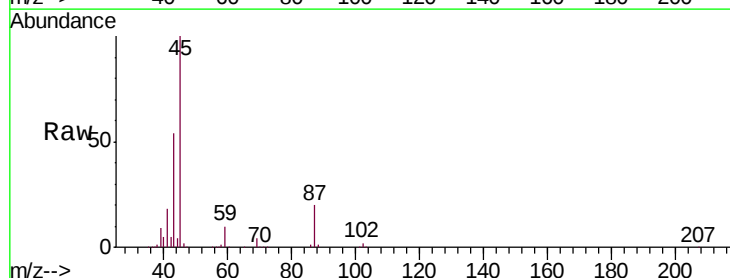
Ion Ratio Lower Upper

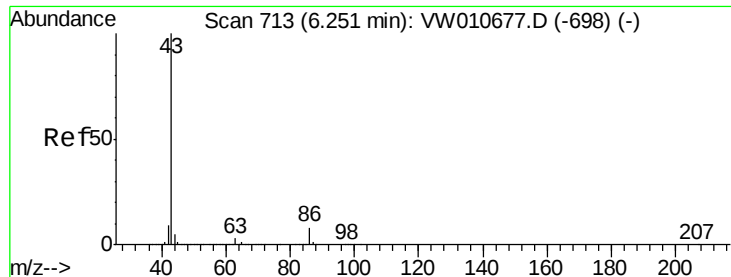
45 100

43 53.7 42.5 63.7

87 20.5 17.4 26.2

59 9.9 8.1 12.1





#23

Vinyl Acetate

Concen: 90.165 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

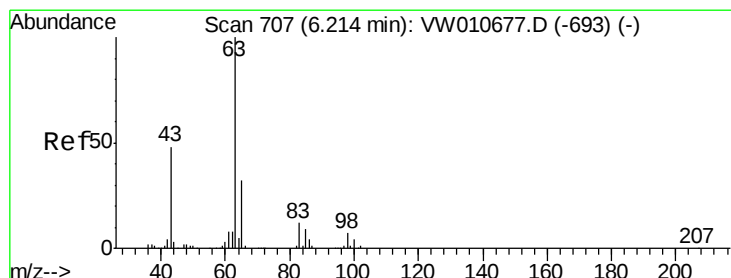
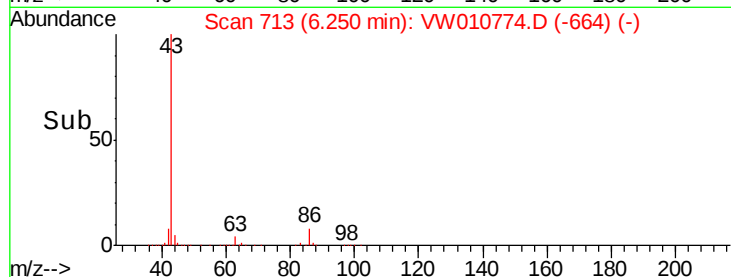
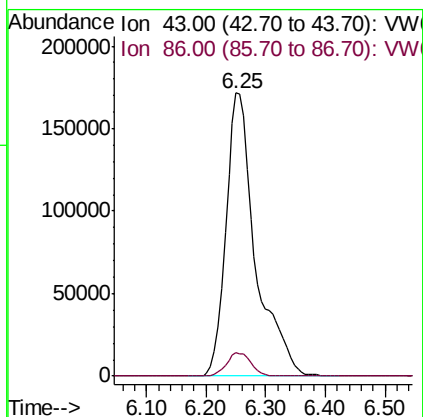
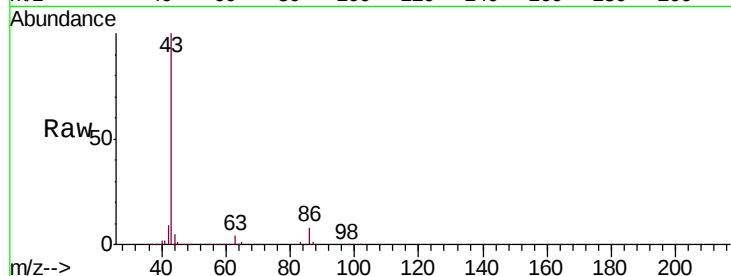
VW0612SBS01

Tgt Ion: 43 Resp: 589334

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



#24

1,1-Dichloroethane

Concen: 20.209 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

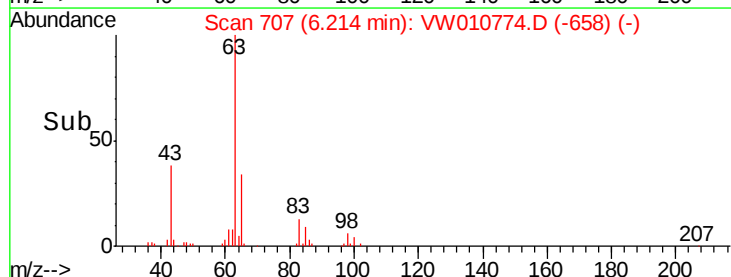
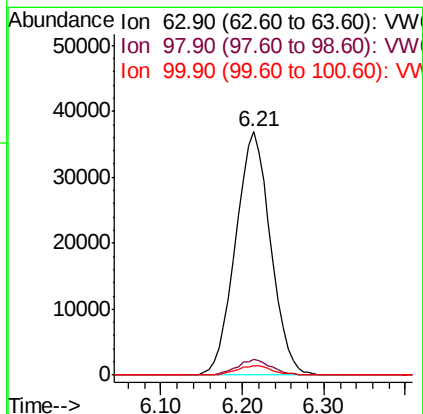
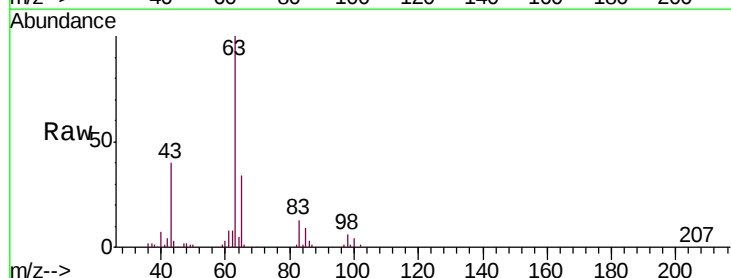
Tgt Ion: 63 Resp: 109688

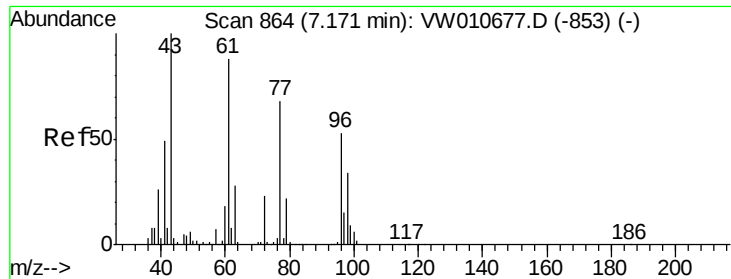
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 87.109 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

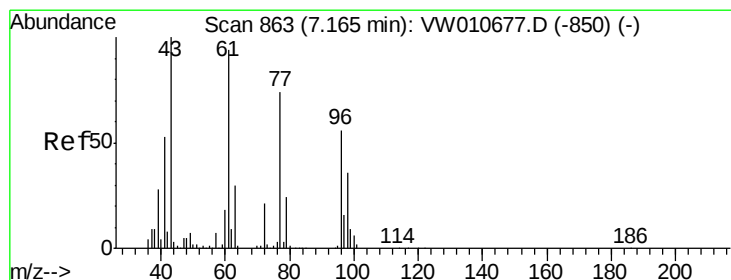
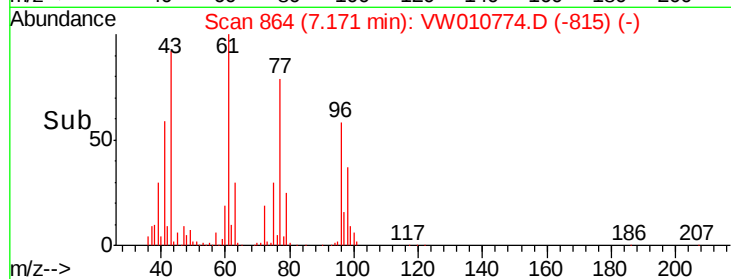
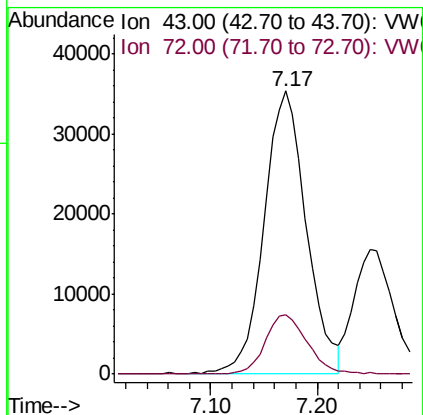
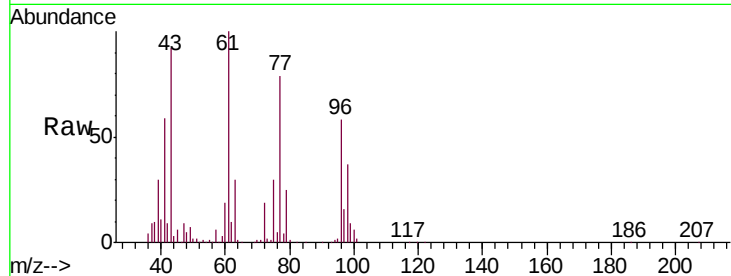
VW0612SBS01

Tgt Ion: 43 Resp: 96783

Ion Ratio Lower Upper

43 100

72 21.1 18.1 27.1



#26

2,2-Dichloropropane

Concen: 21.873 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010774.D

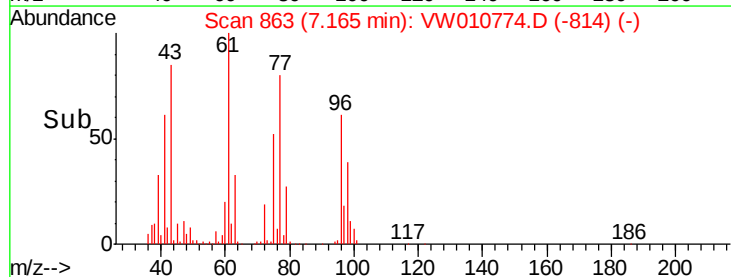
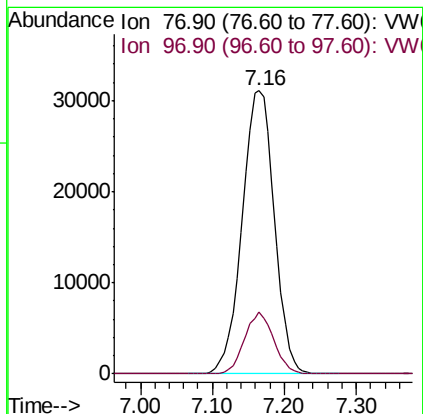
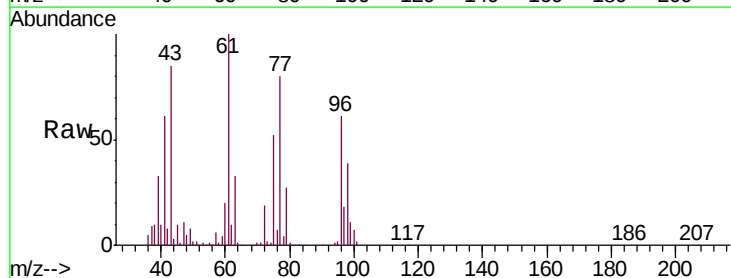
Acq: 12 Jun 2019 13:24

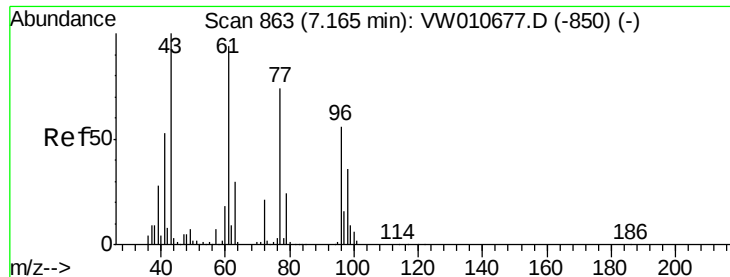
Tgt Ion: 77 Resp: 96605

Ion Ratio Lower Upper

77 100

97 19.8 10.5 31.6



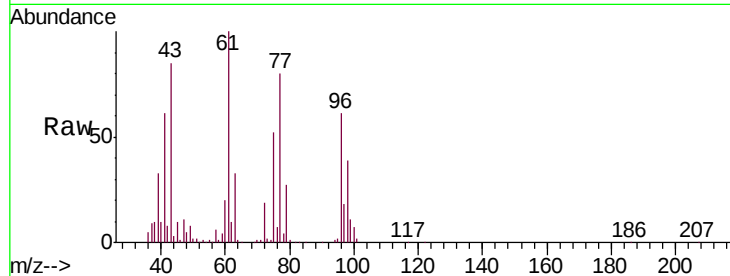


#27

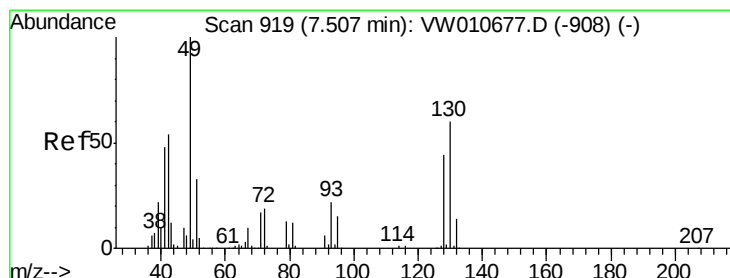
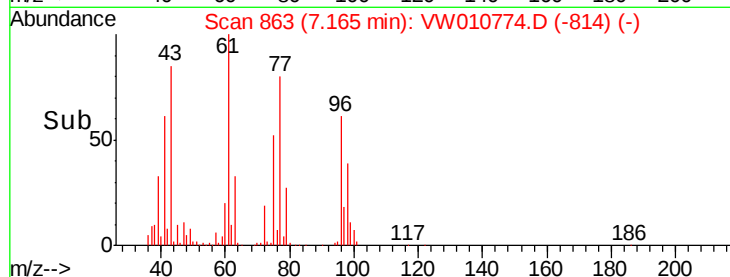
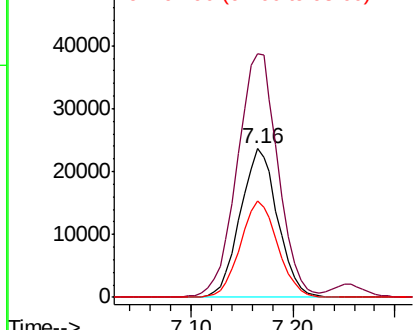
cis-1,2-Dichloroethene
Concen: 19.665 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tgt Ion: 96 Resp: 60276
Ion Ratio Lower Upper
96 100
61 178.4 0.0 336.4
98 64.7 0.0 128.0



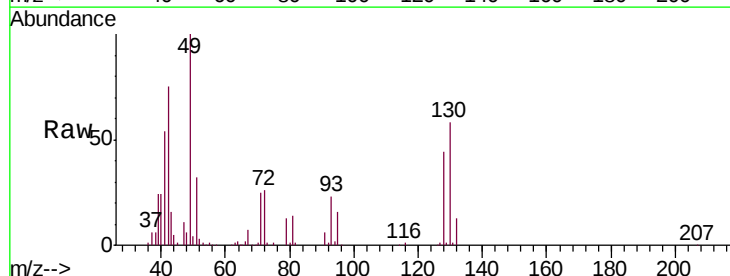
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



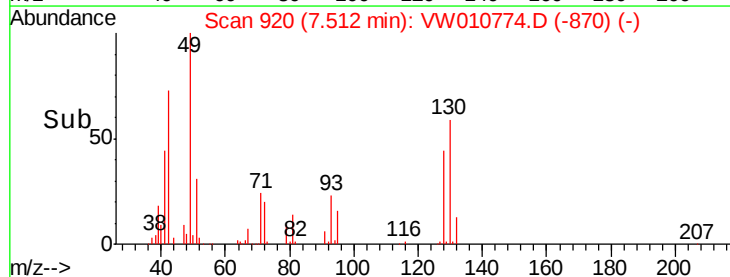
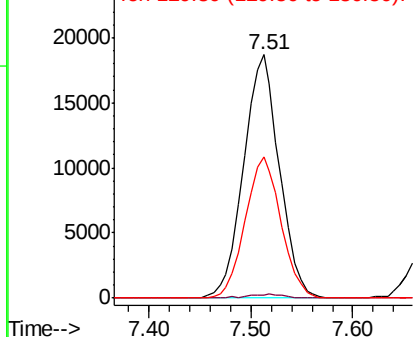
#28

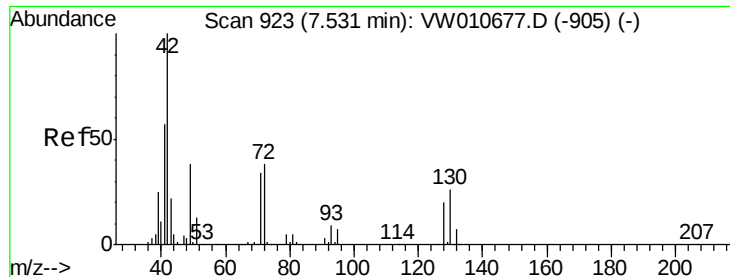
Bromochloromethane
Concen: 18.796 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 49 Resp: 45529
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 58.0 48.3 72.5



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

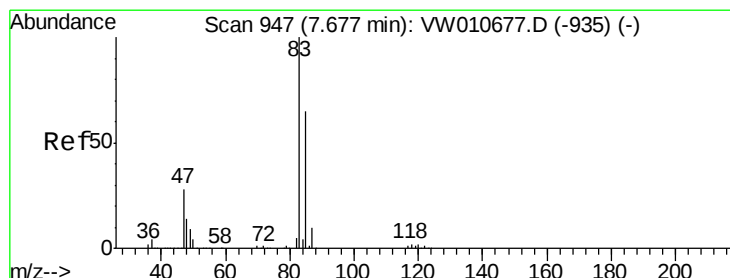
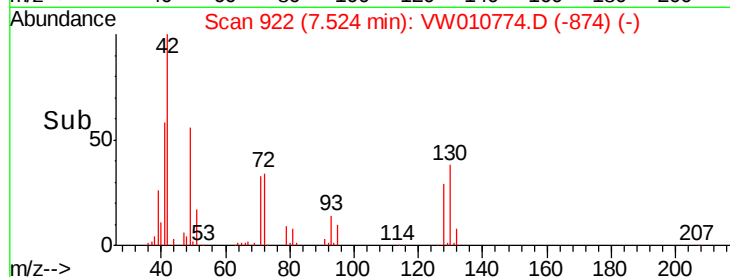
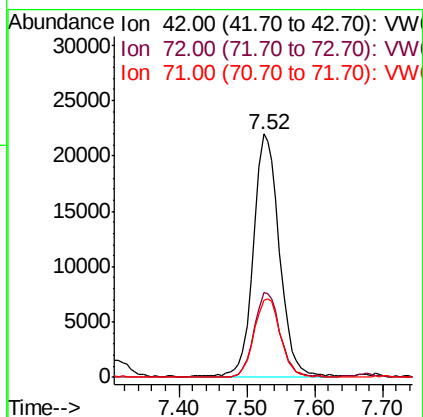
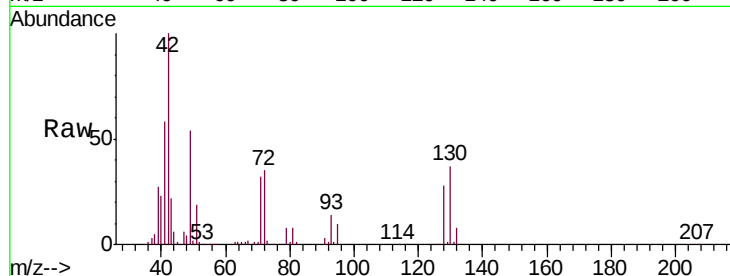




#29
Tetrahydrofuran
Concen: 84.778 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

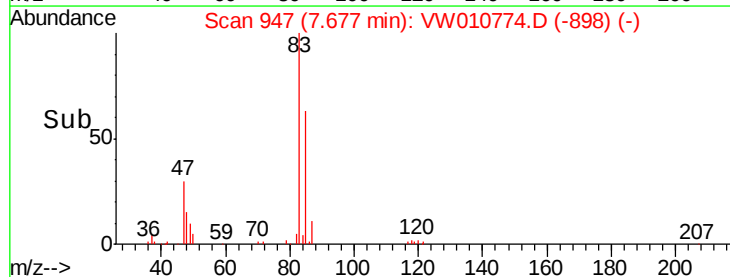
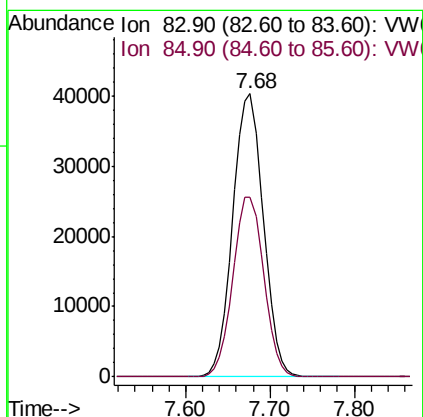
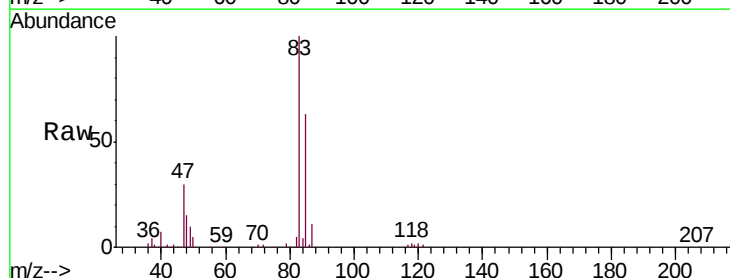
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

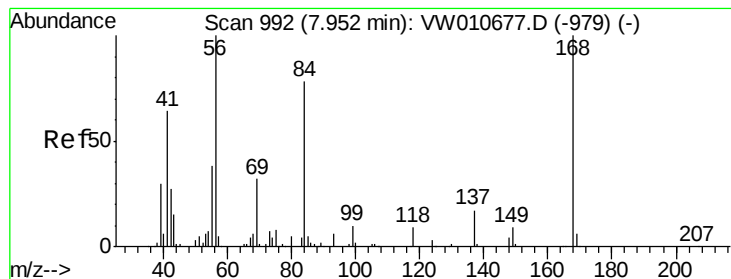
Tgt Ion: 42 Resp: 59247
Ion Ratio Lower Upper
42 100
72 34.7 28.7 43.1
71 32.8 26.6 39.8



#30
Chloroform
Concen: 19.913 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 83 Resp: 98859
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.8





#31

Cyclohexane

Concen: 19.675 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampled :

VW0612SBS01

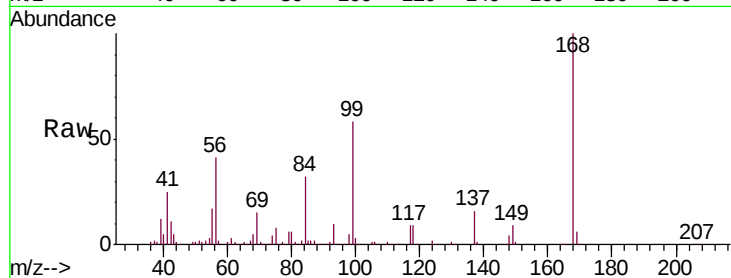
Tgt Ion: 56 Resp: 118707

Ion Ratio Lower Upper

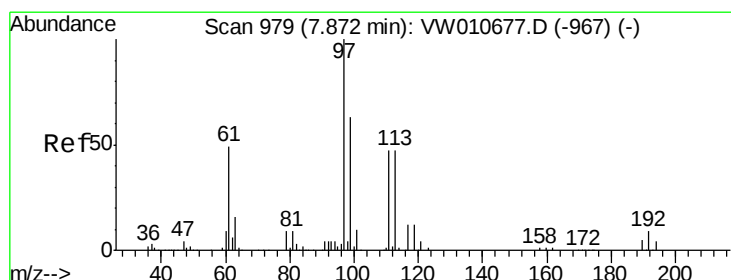
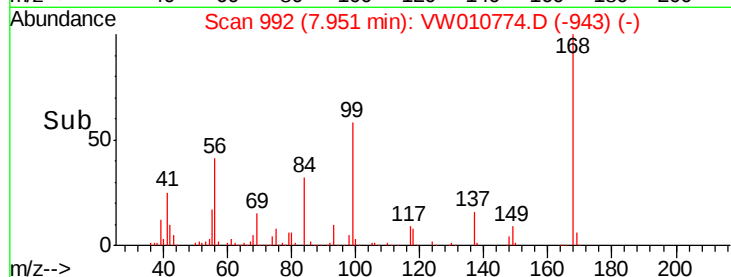
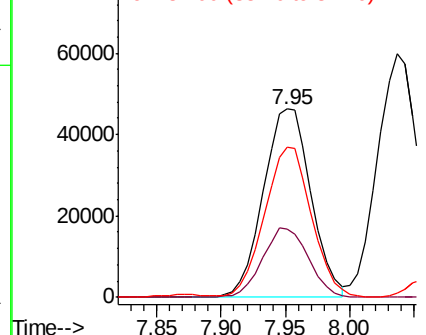
56 100

69 36.5 25.2 37.8

84 78.4 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 20.320 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

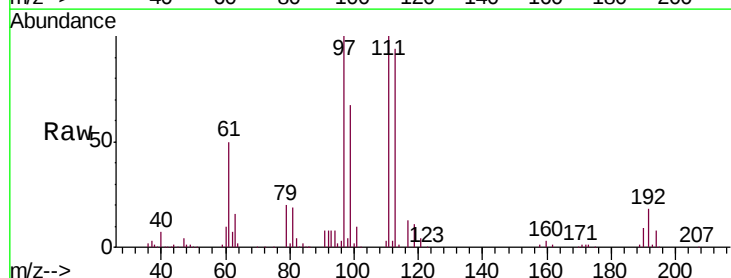
Tgt Ion: 97 Resp: 88123

Ion Ratio Lower Upper

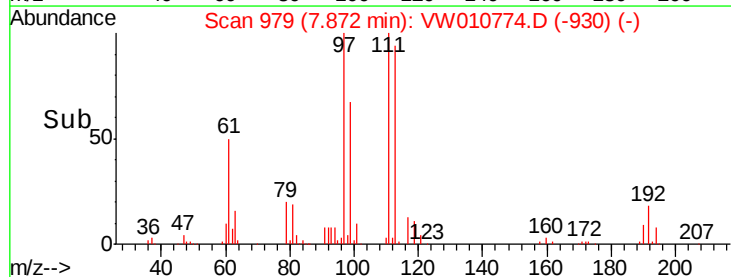
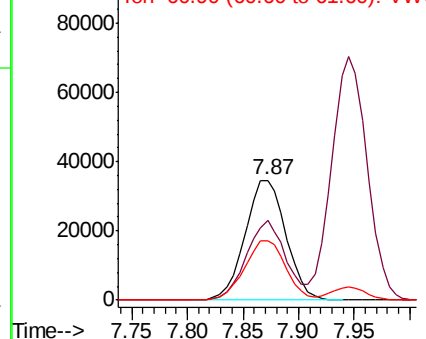
97 100

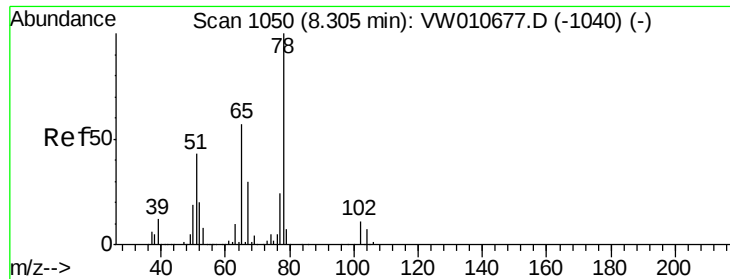
99 64.8 51.3 76.9

61 50.7 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

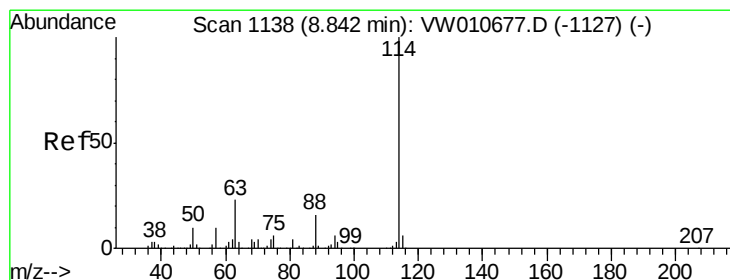
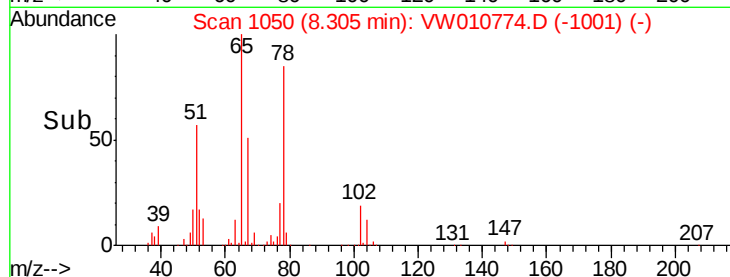
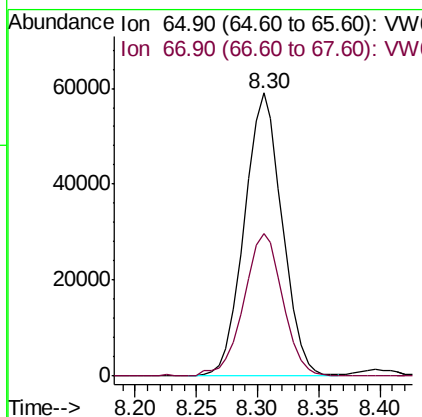
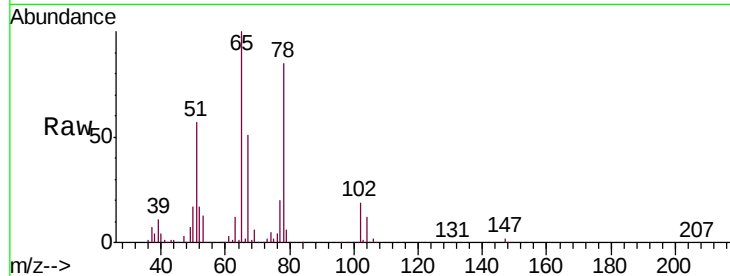




#33
 1,2-Dichloroethane-d4
 Concen: 42.412 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

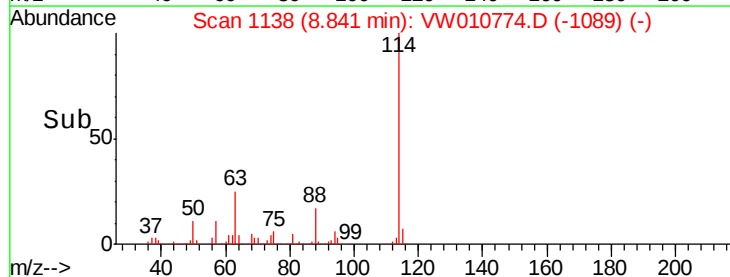
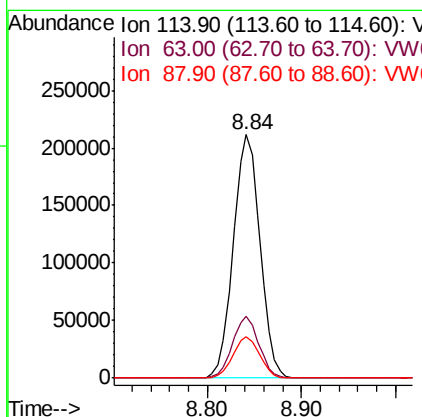
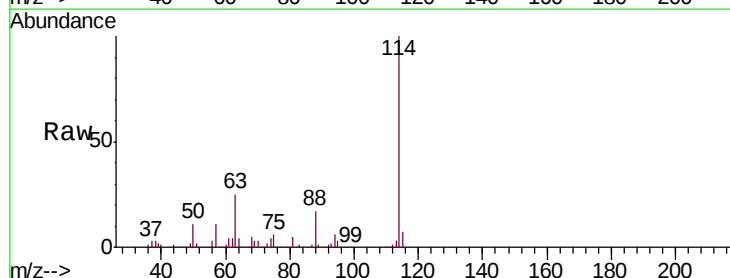
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

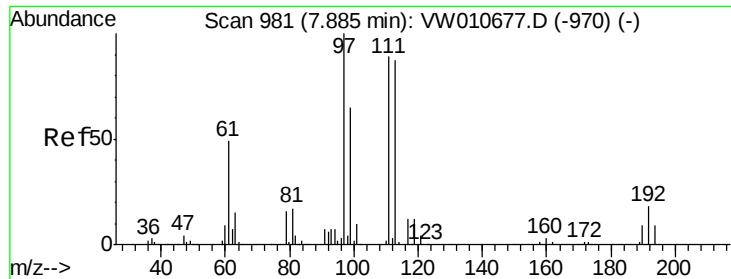
Tgt Ion: 65 Resp: 126827
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 114 Resp: 415973
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 46.4
 88 17.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 44.391 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

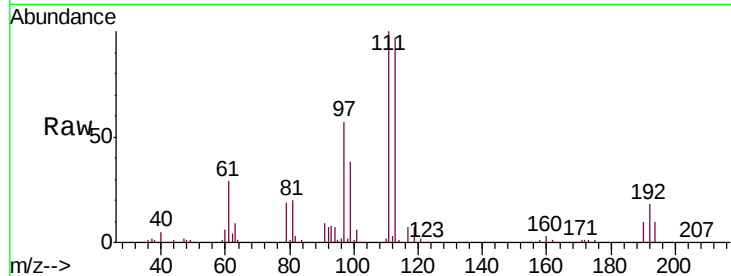
Tgt Ion: 113 Resp: 100226

Ion Ratio Lower Upper

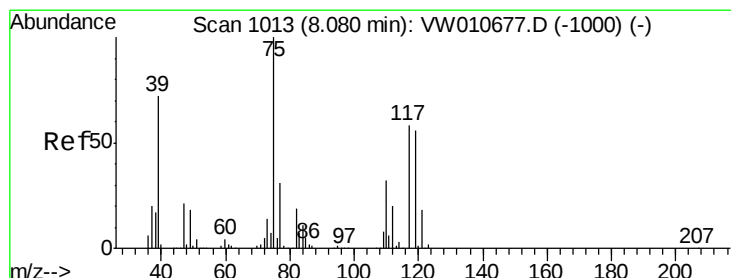
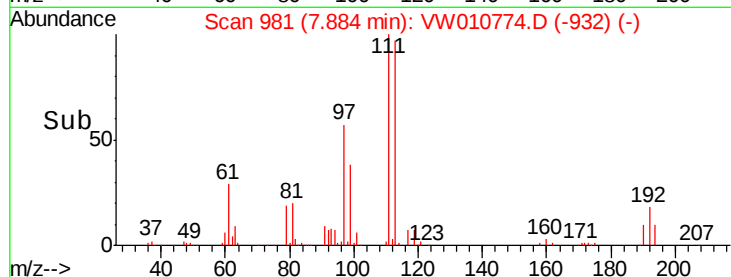
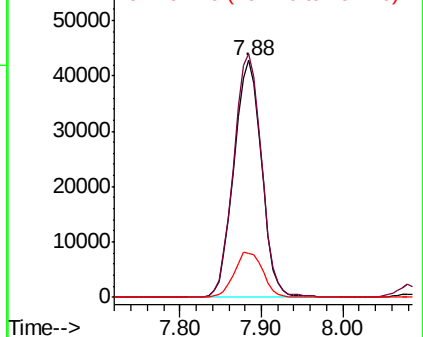
113 100

111 103.8 82.6 123.8

192 19.5 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.964 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

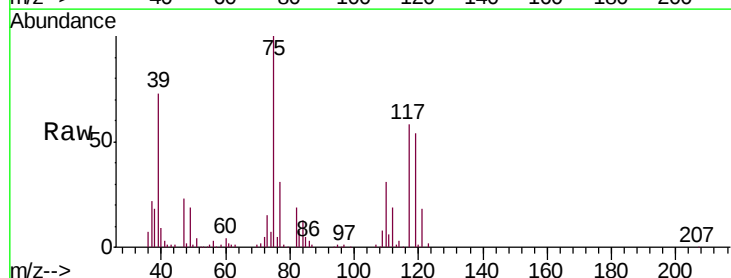
Tgt Ion: 75 Resp: 85006

Ion Ratio Lower Upper

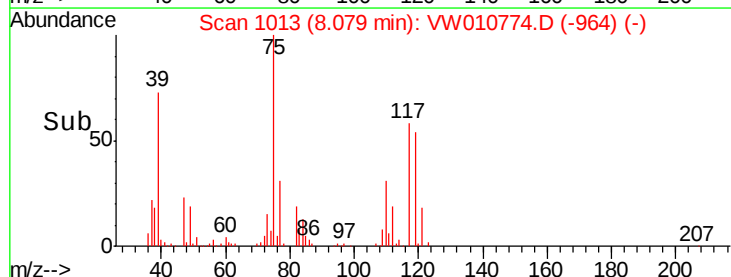
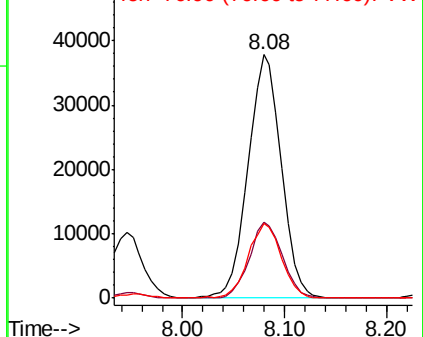
75 100

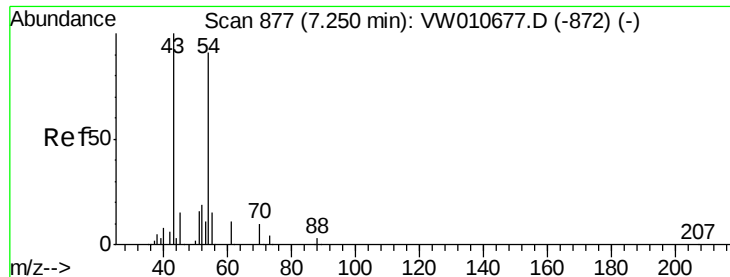
110 31.2 15.8 47.3

77 31.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

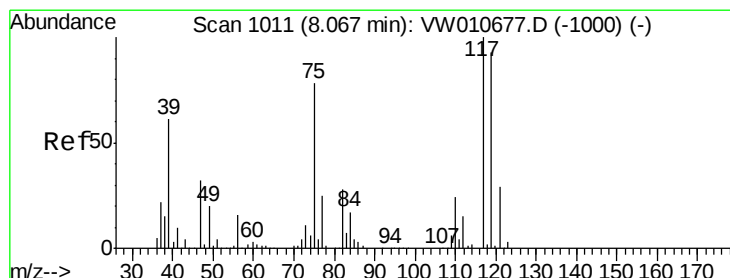
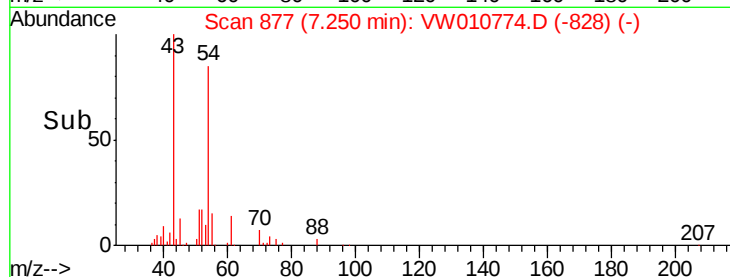
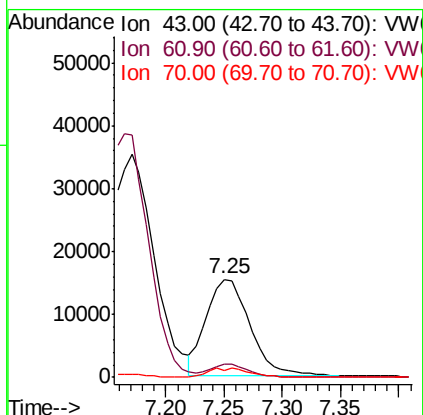
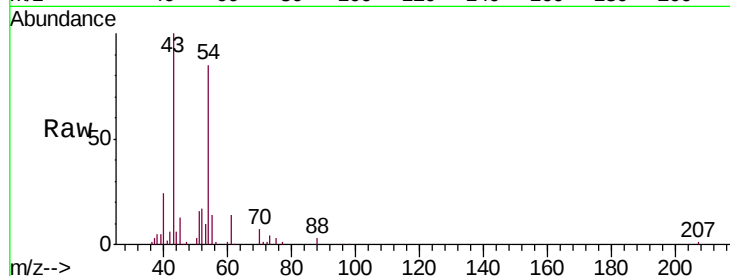




#37
 Ethyl Acetate
 Concen: 17.039 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

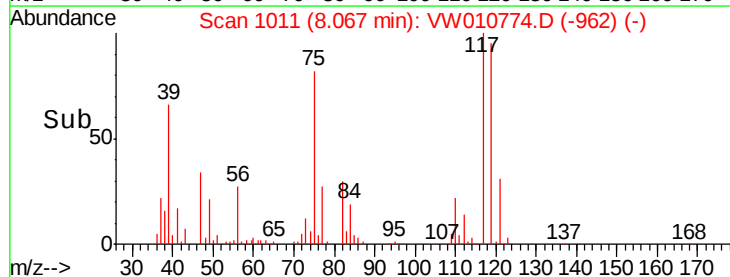
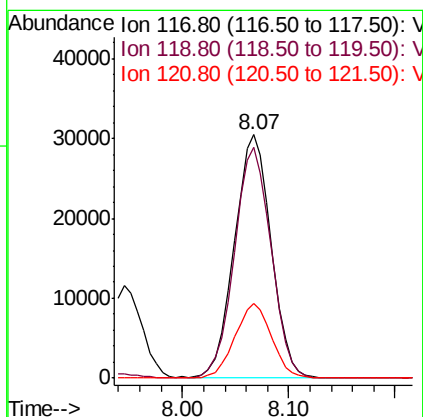
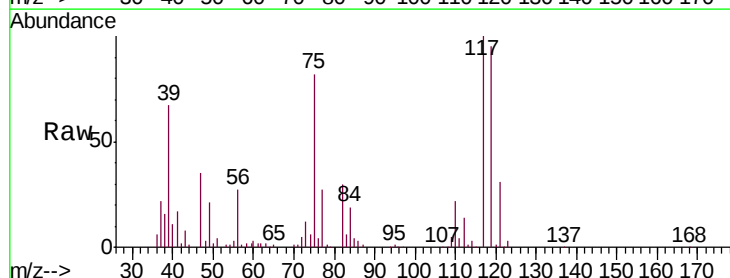
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

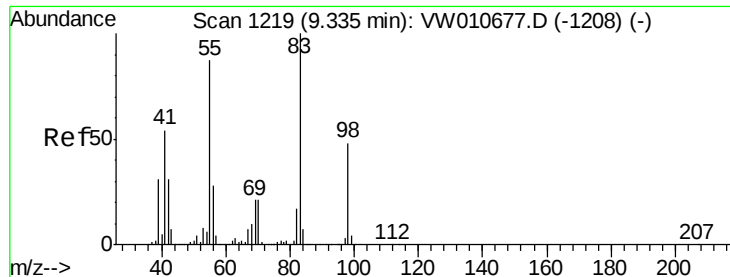
Tgt Ion: 43 Resp: 40204
 Ion Ratio Lower Upper
 43 100
 61 11.7 9.7 14.5
 70 9.3 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 20.075 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 117 Resp: 73791
 Ion Ratio Lower Upper
 117 100
 119 94.6 74.2 111.4
 121 30.5 22.9 34.3

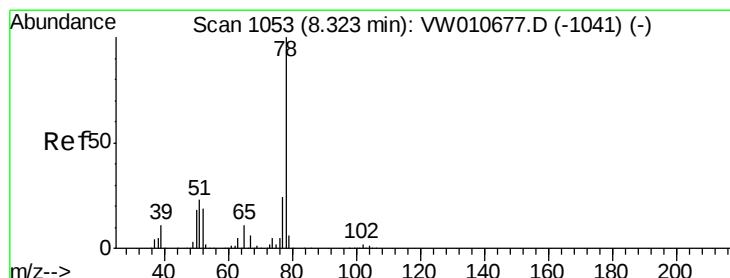
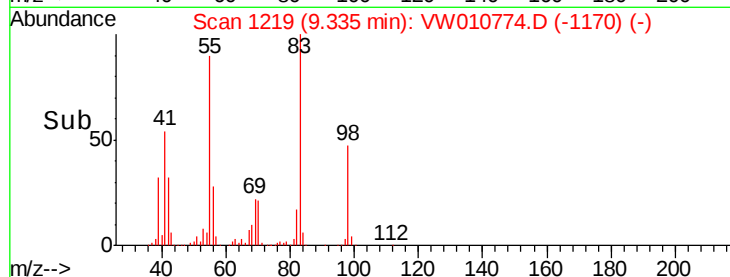
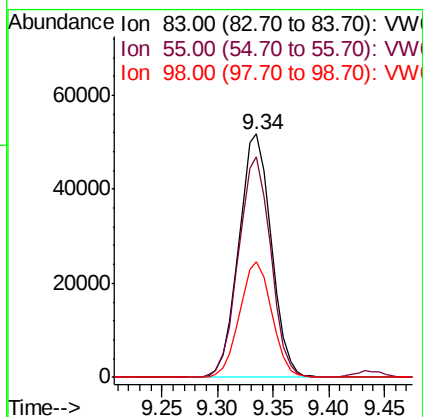
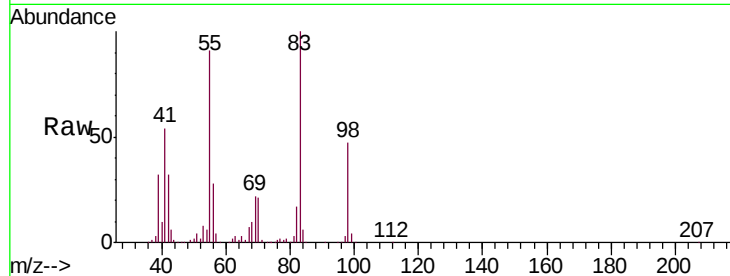




#39
Methylcyclohexane
Concen: 19.393 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

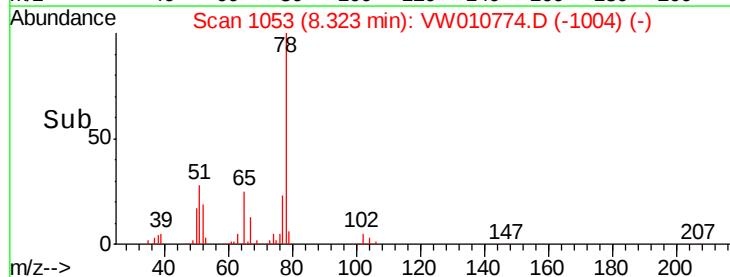
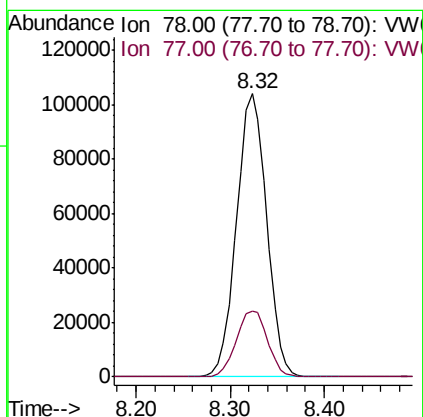
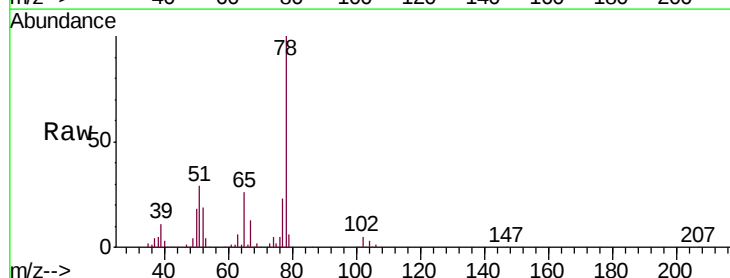
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

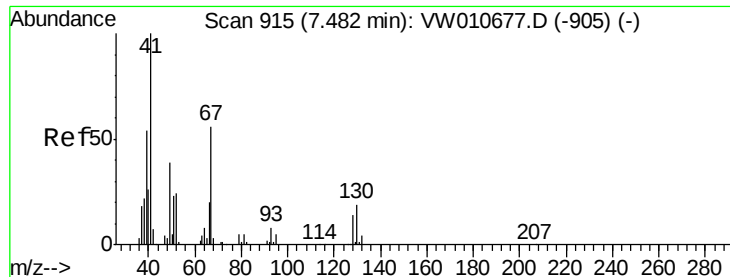
Tgt Ion: 83 Resp: 104970
Ion Ratio Lower Upper
83 100
55 90.6 70.0 105.0
98 47.4 38.1 57.1



#40
Benzene
Concen: 19.868 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 78 Resp: 230780
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

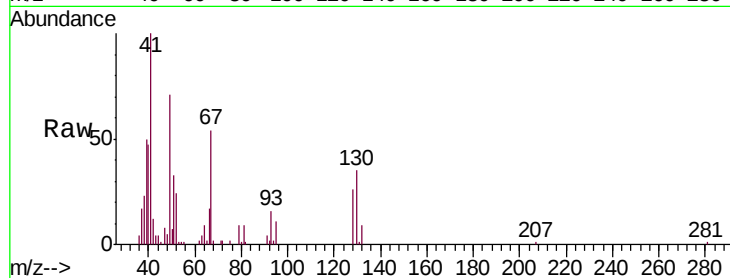




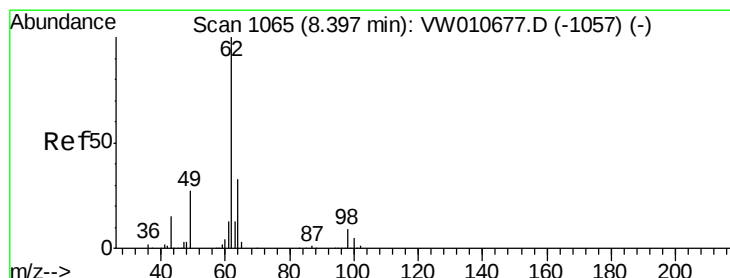
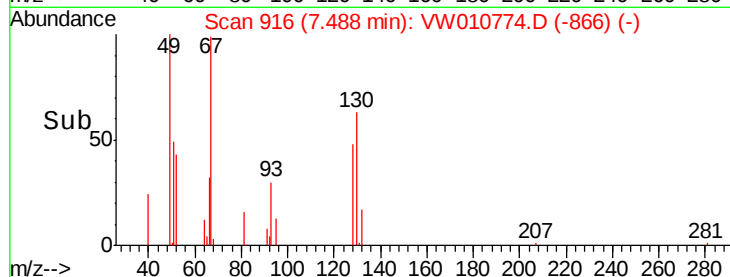
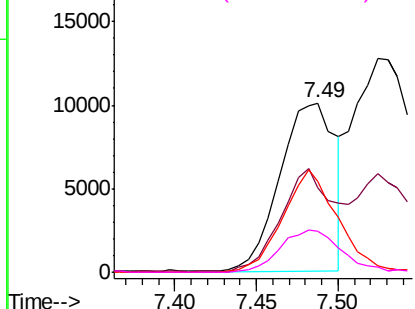
#41
Methacrylonitrile
Concen: 16.981 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tgt Ion:	41	Resp:	23816
Ion	Ratio	Lower	Upper
41	100		
39	62.2	47.3	70.9
67	61.0	47.2	70.8
52	28.0	21.3	31.9

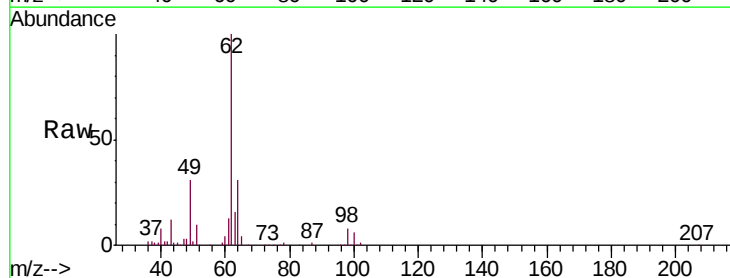


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

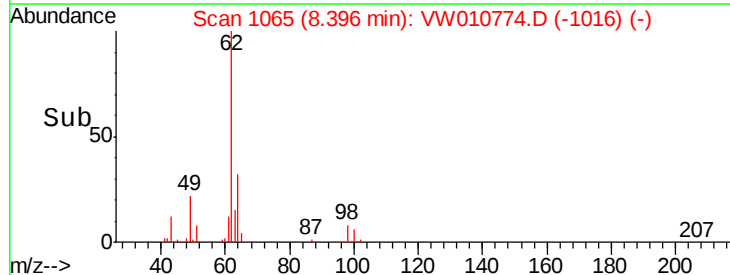
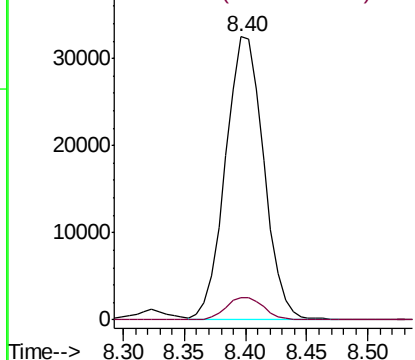


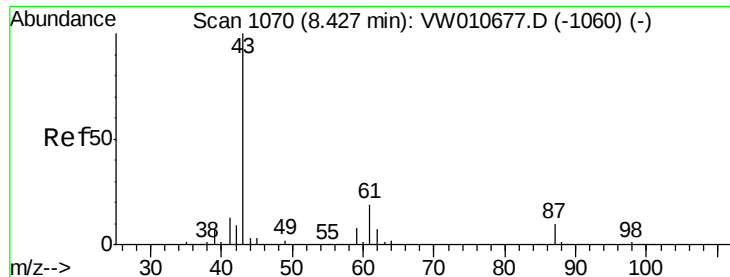
#42
1,2-Dichloroethane
Concen: 19.061 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:	62	Resp:	70272
Ion	Ratio	Lower	Upper
62	100		
98	7.9	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: 16.962 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

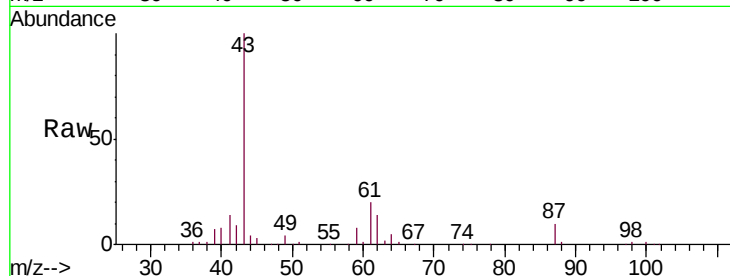
Tgt Ion: 43 Resp: 77320

Ion Ratio Lower Upper

43 100

61 28.4 21.2 31.8

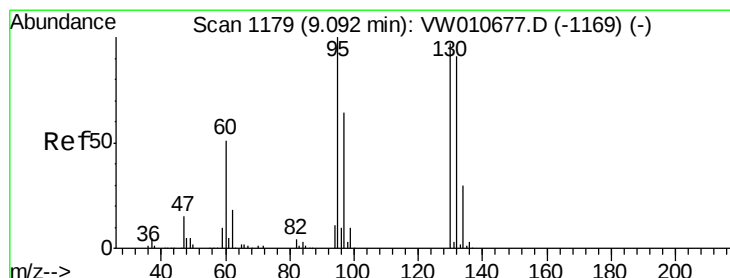
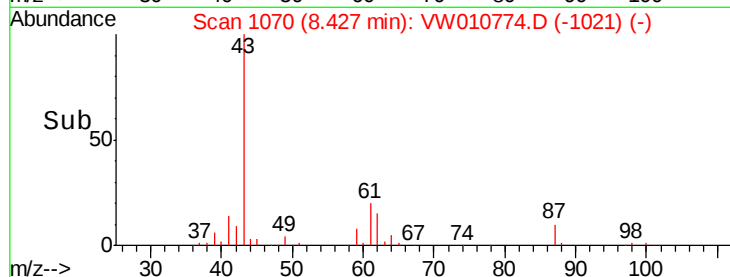
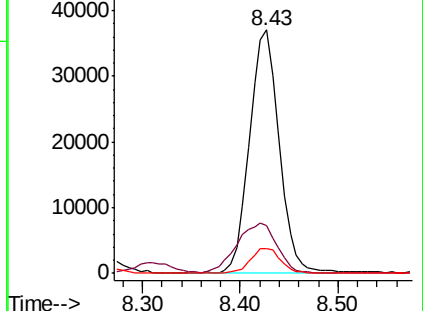
87 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.678 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010774.D

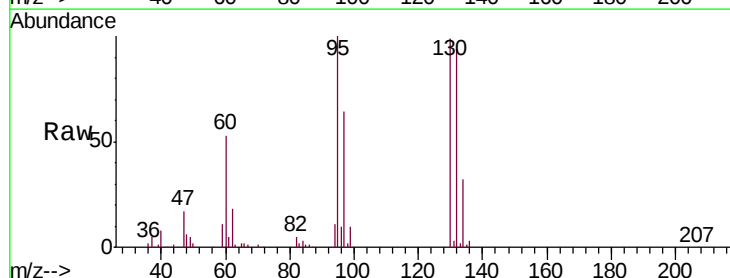
Acq: 12 Jun 2019 13:24

Tgt Ion: 130 Resp: 56384

Ion Ratio Lower Upper

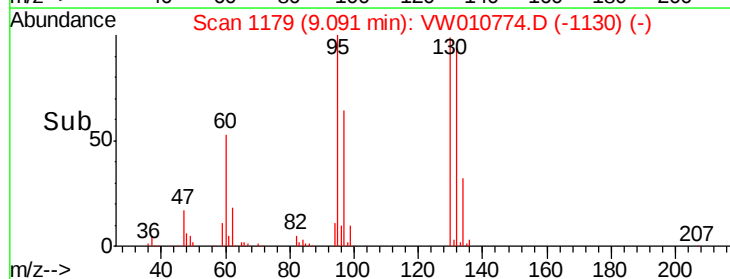
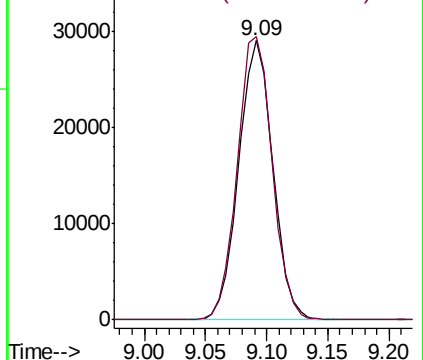
130 100

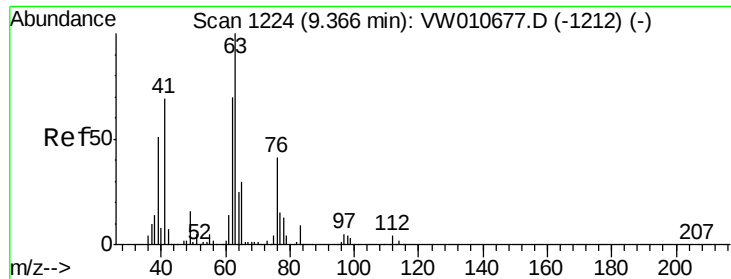
95 101.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

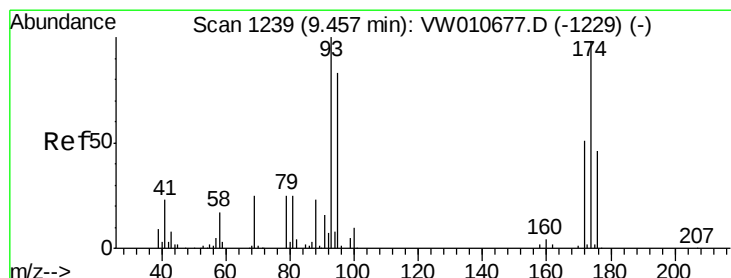
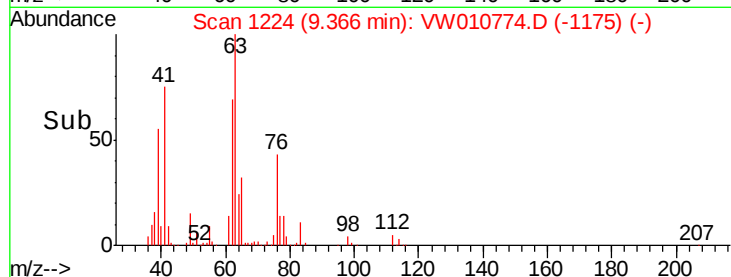
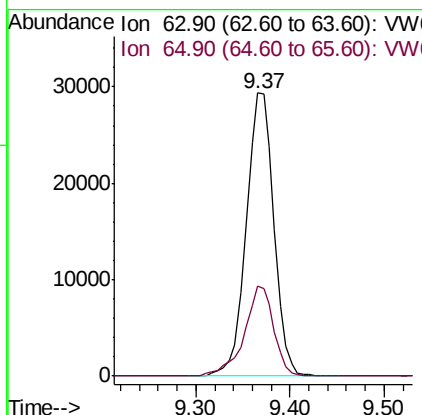
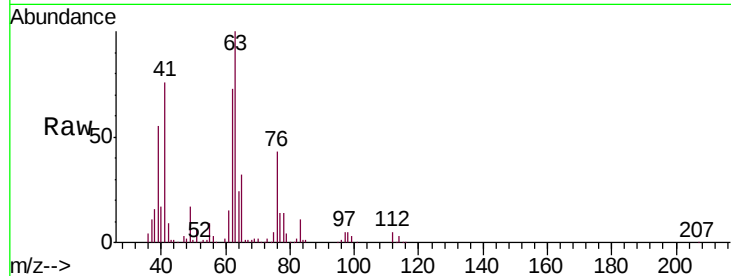




#45
 1,2-Dichloropropane
 Concen: 19.660 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

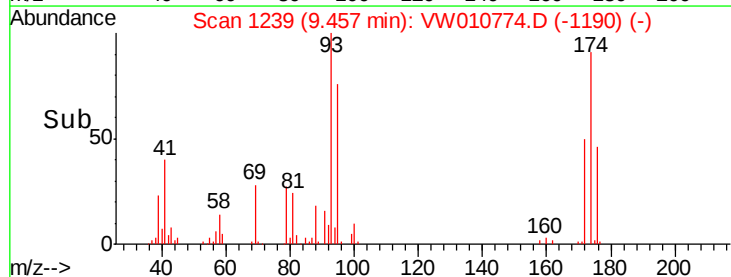
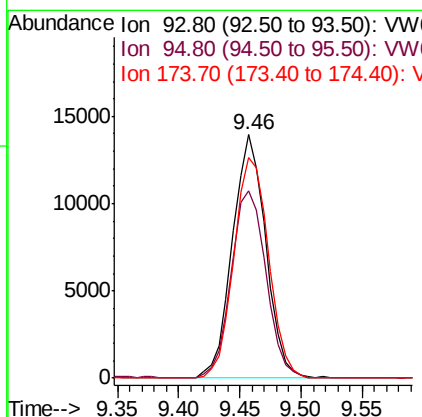
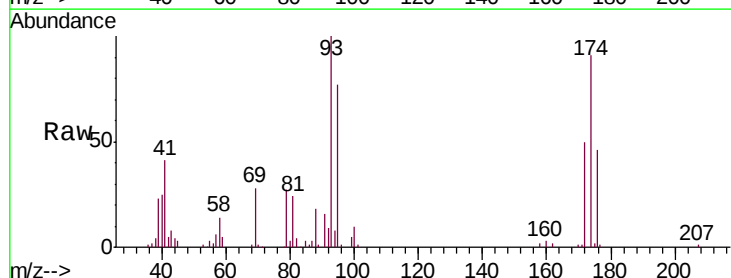
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

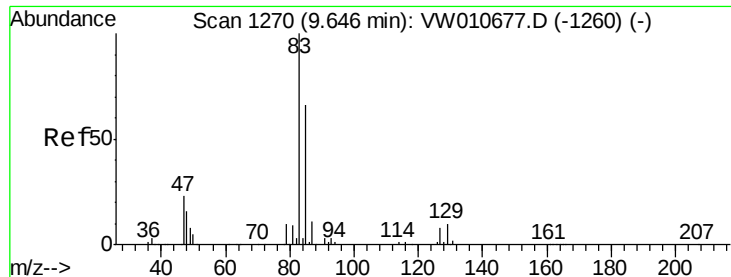
Tgt Ion: 63 Resp: 60453
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.8 35.6



#46
 Dibromomethane
 Concen: 18.392 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 93 Resp: 26267
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.8 98.8
 174 94.6 77.4 116.0





#47

Bromodichloromethane

Concen: 19.252 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

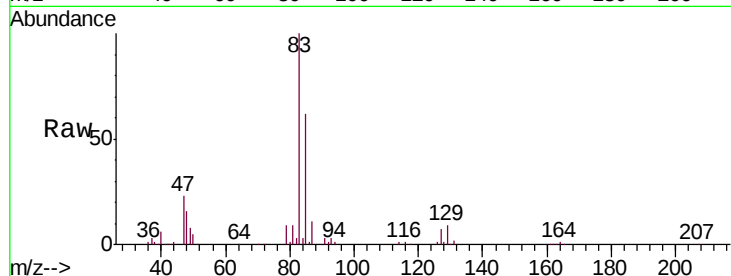
Tgt Ion: 83 Resp: 71274

Ion Ratio Lower Upper

83 100

85 62.5 53.0 79.4

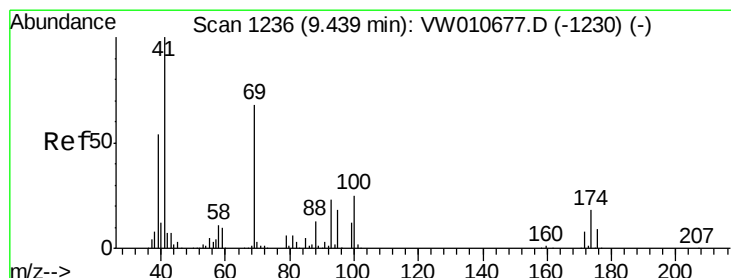
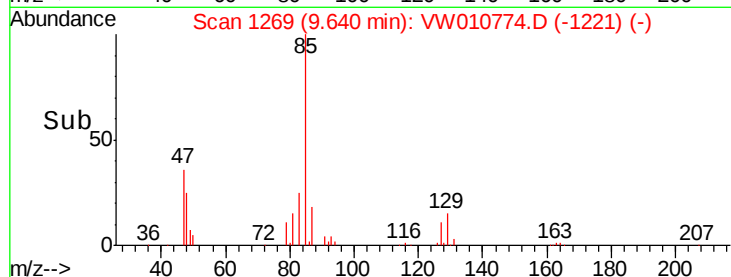
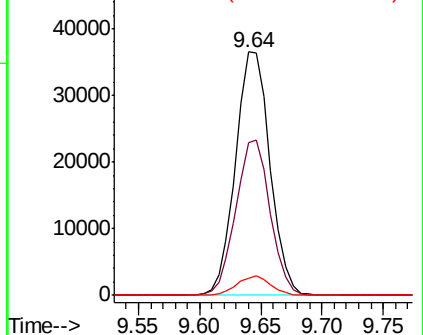
127 7.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 17.171 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

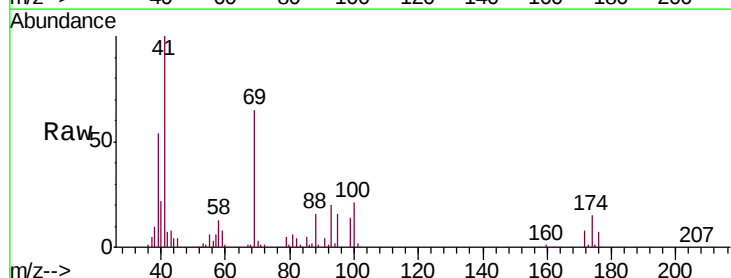
Tgt Ion: 41 Resp: 37738

Ion Ratio Lower Upper

41 100

69 71.0 56.6 85.0

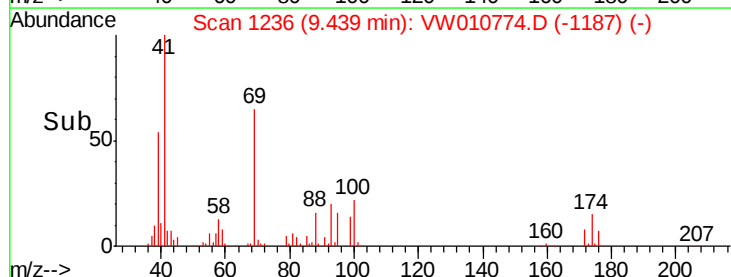
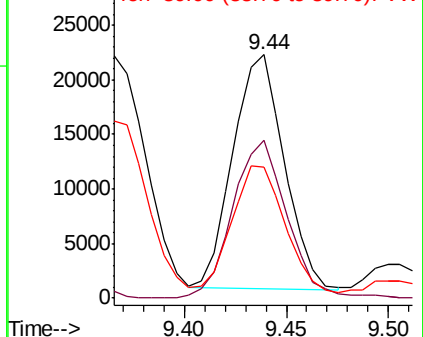
39 55.7 44.4 66.6

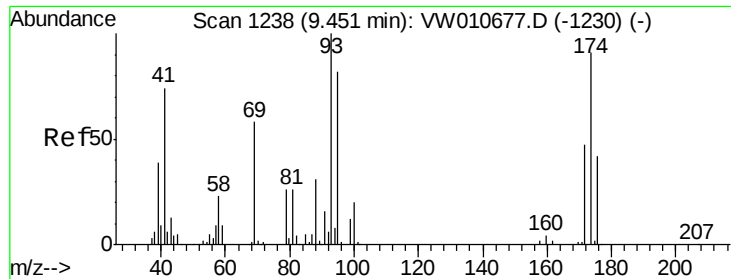


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

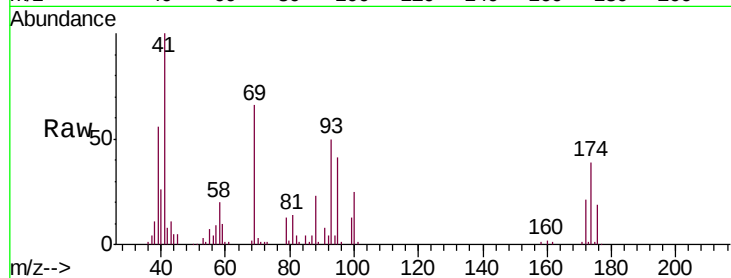




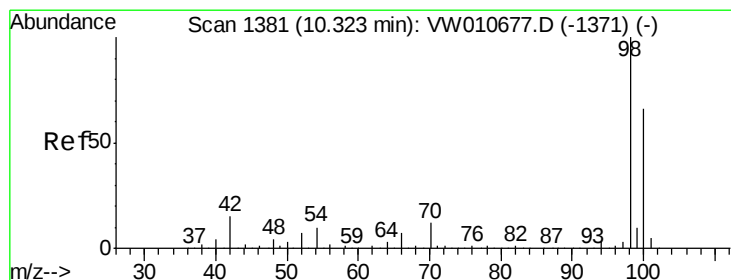
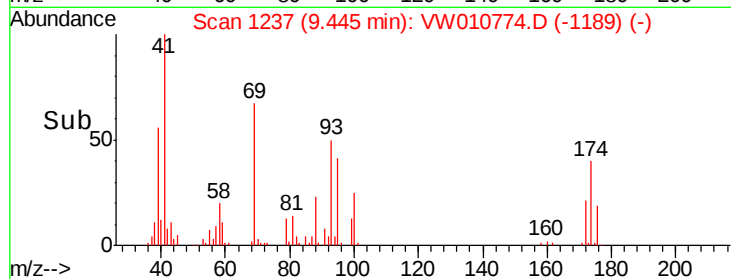
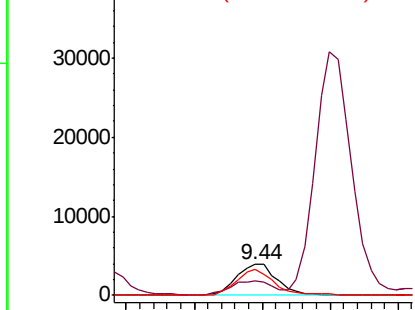
#49
1,4-Dioxane
Concen: 368.125 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tgt Ion: 88 Resp: 8220
Ion Ratio Lower Upper
88 100
43 46.5 34.2 51.4
58 77.5 69.0 103.4

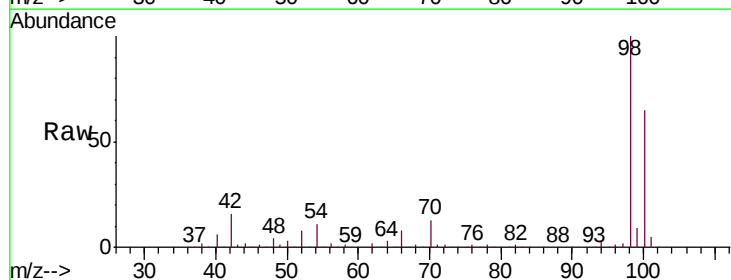


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

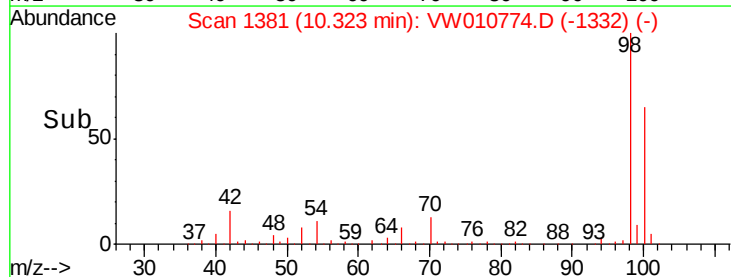
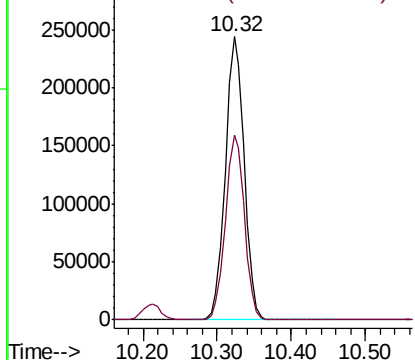


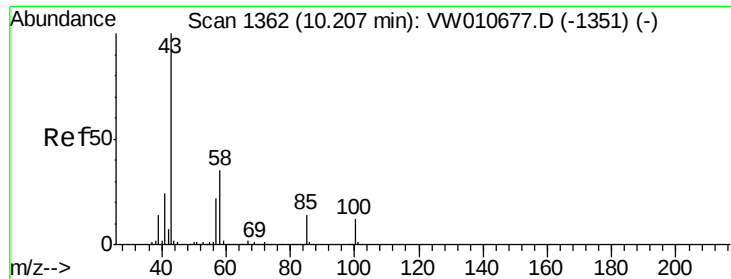
#50
Toluene-d8
Concen: 43.384 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 98 Resp: 429536
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



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

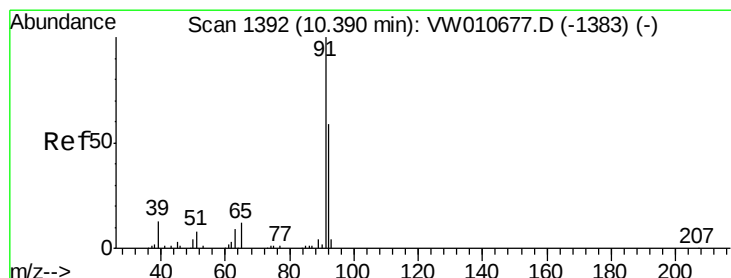
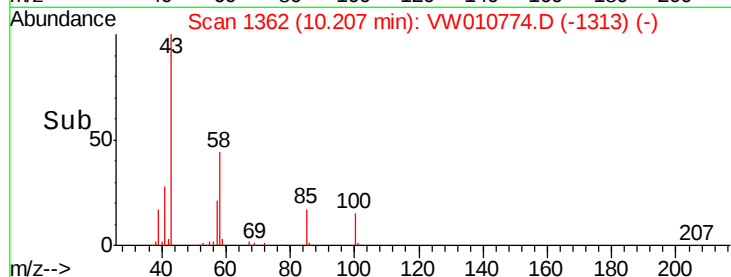
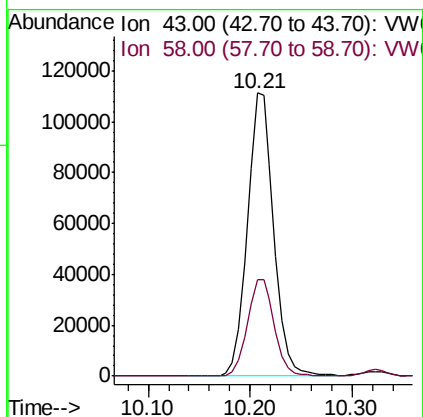
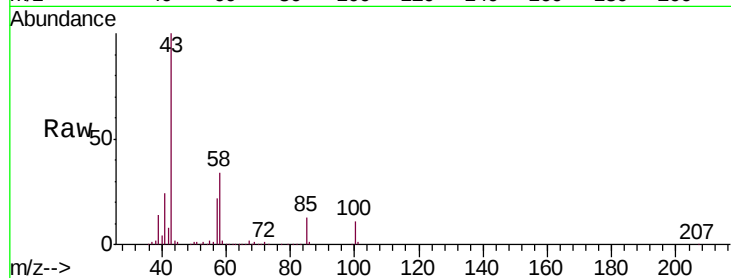




#51
 4-Methyl-2-Pentanone
 Concen: 85.255 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

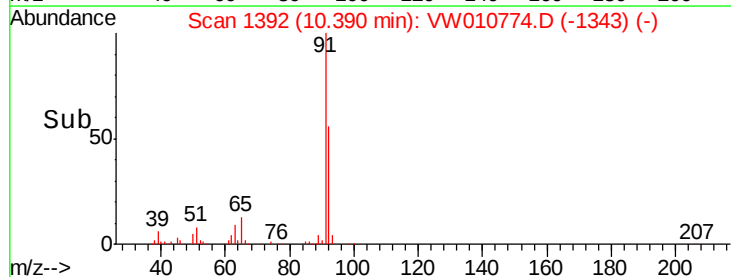
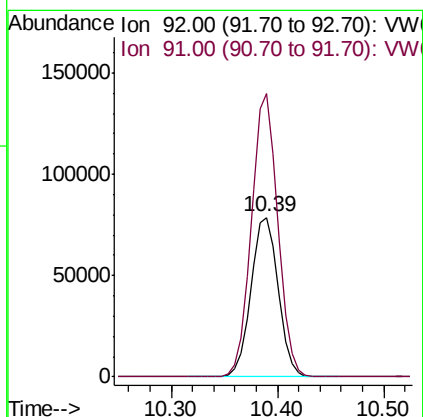
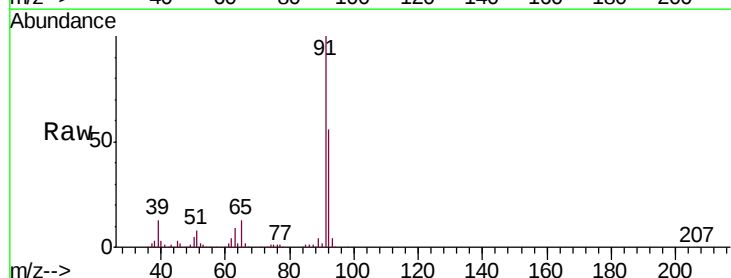
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

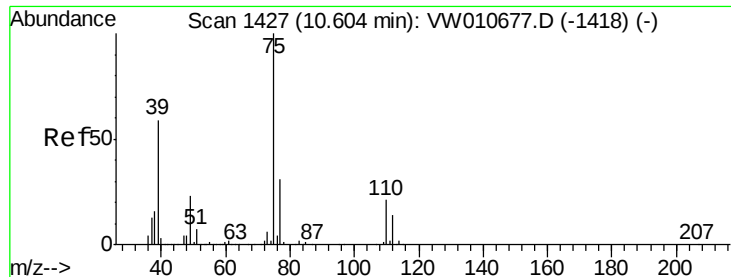
Tgt Ion: 43 Resp: 198540
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.4 42.6



#52
 Toluene
 Concen: 19.808 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 92 Resp: 141570
 Ion Ratio Lower Upper
 92 100
 91 172.0 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 18.625 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

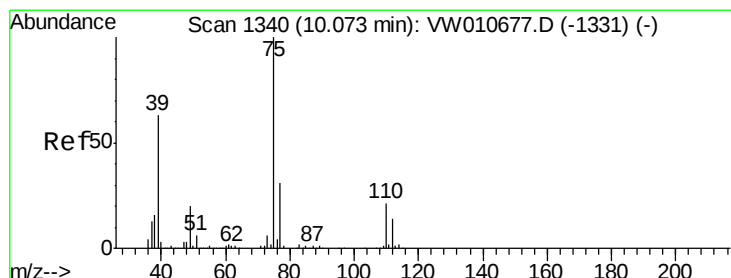
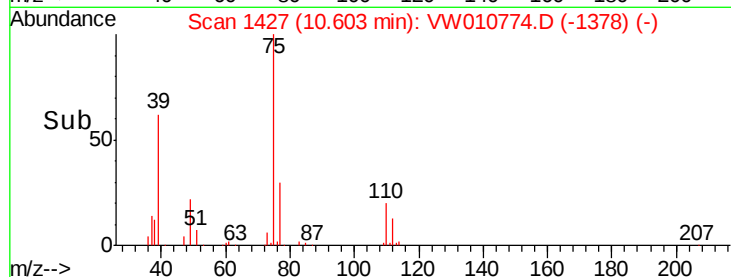
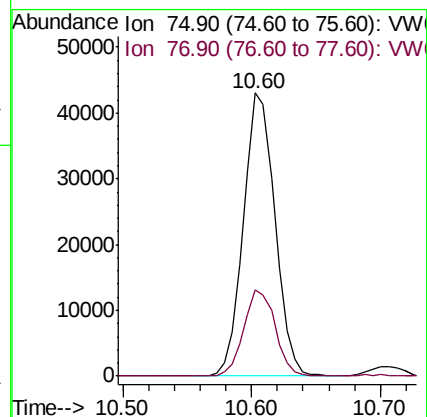
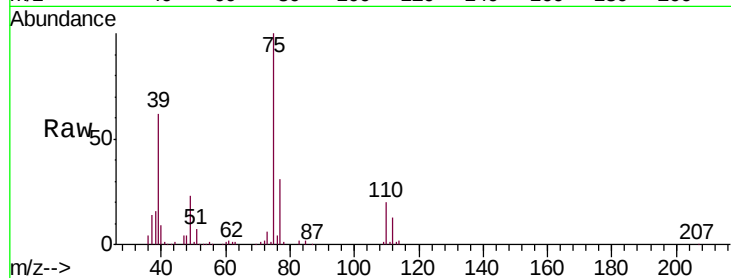
VW0612SBS01

Tgt Ion: 75 Resp: 73033

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.423 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

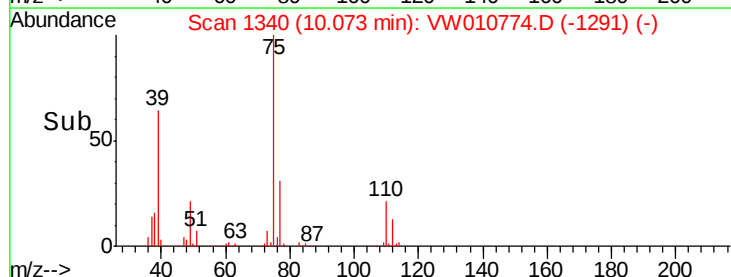
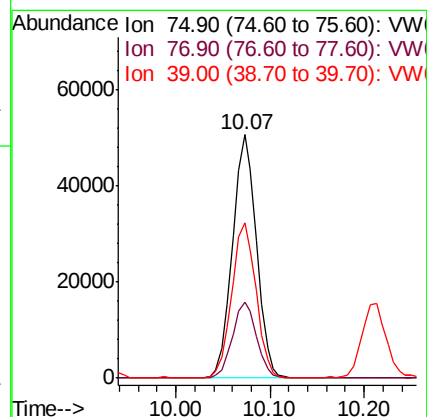
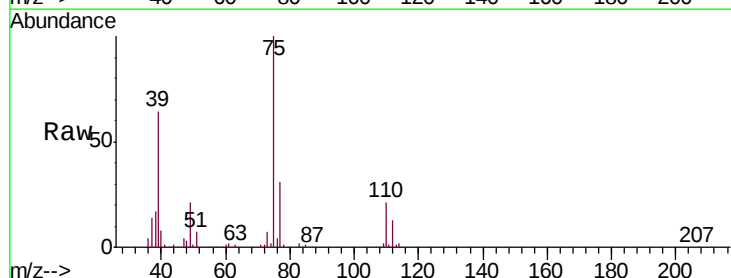
Tgt Ion: 75 Resp: 89621

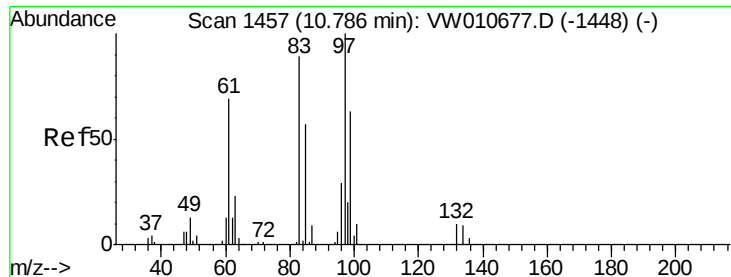
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 63.7 50.1 75.1

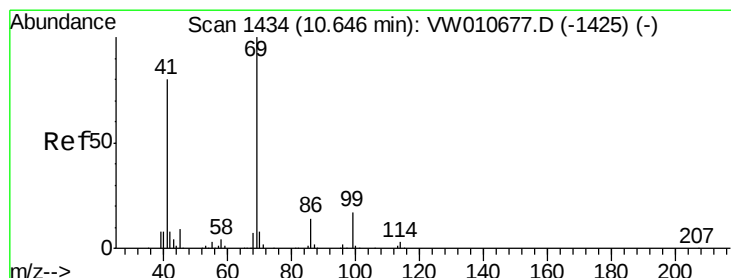
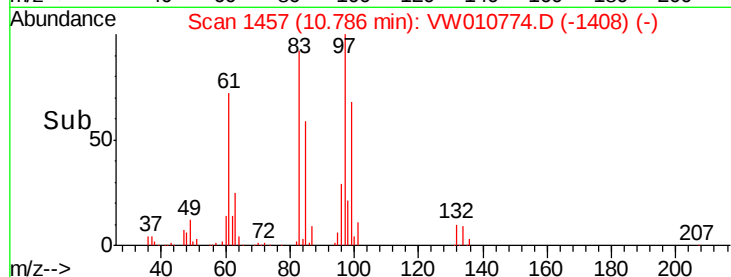
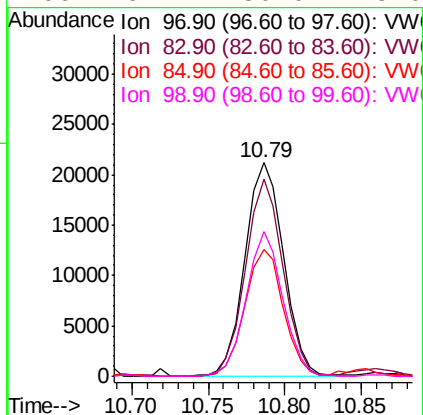
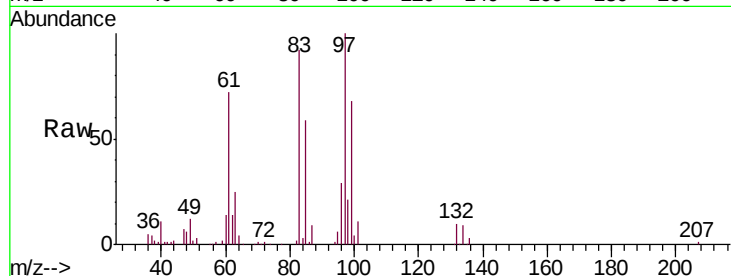




#55
 1,1,2-Trichloroethane
 Concen: 18.133 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

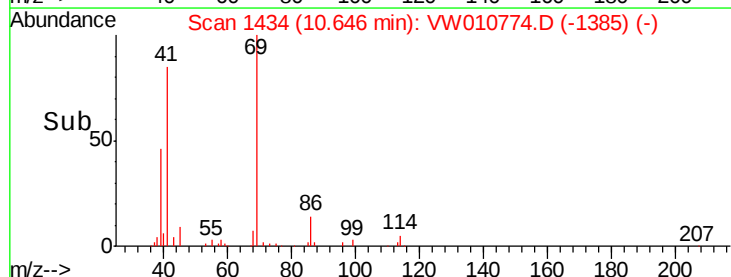
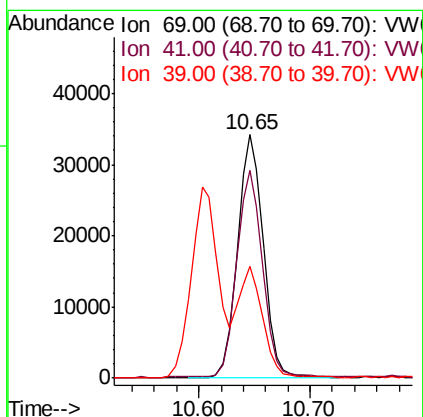
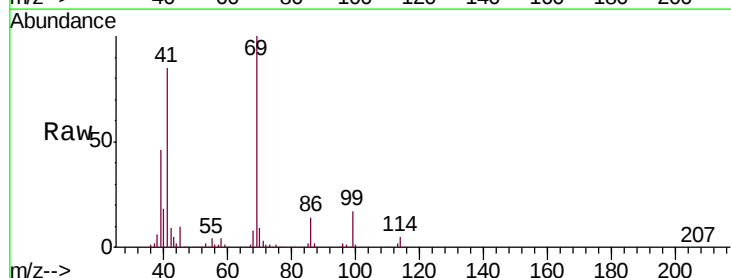
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

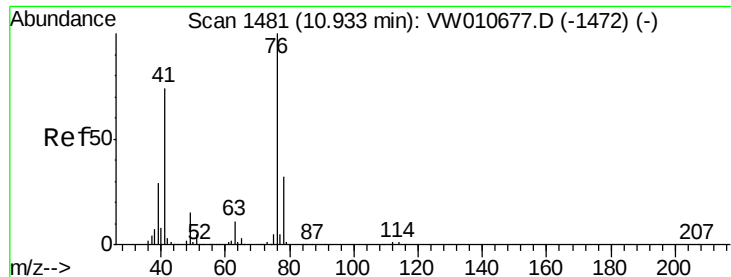
Tgt Ion:	97	Resp:	37309
Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.1	106.7
85	59.4	45.2	67.8
99	67.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 17.280 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion:	69	Resp:	54708
Ion	Ratio	Lower	Upper
69	100		
41	85.9	64.8	97.2
39	43.1	32.2	48.2

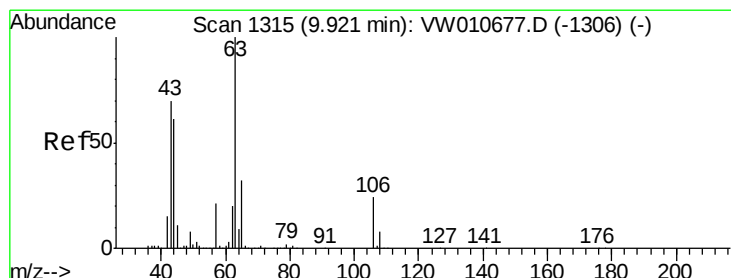
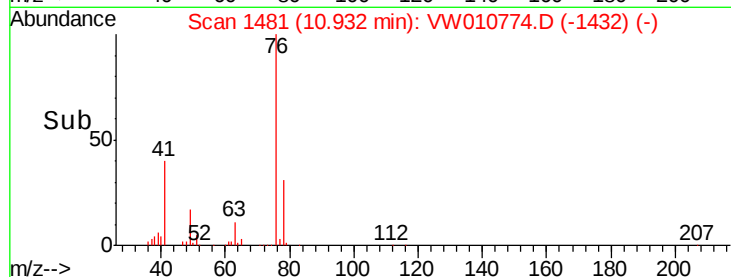
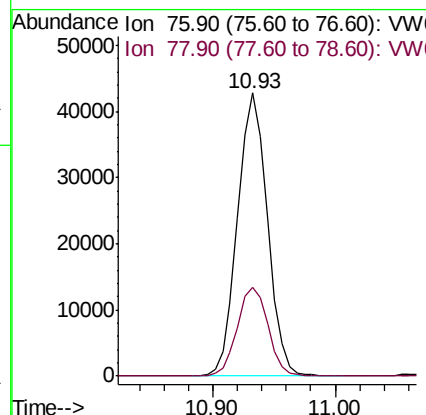
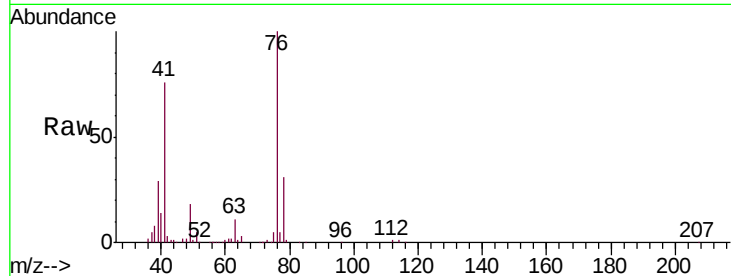




#57
 1,3-Dichloropropane
 Concen: 18.591 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

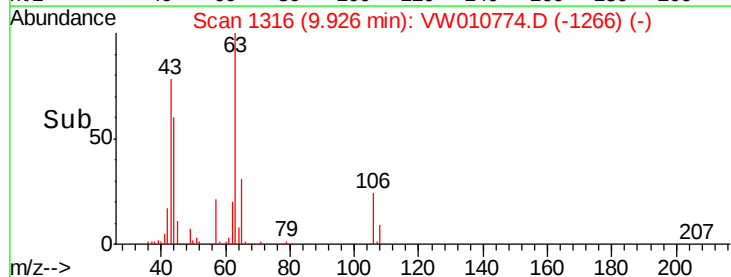
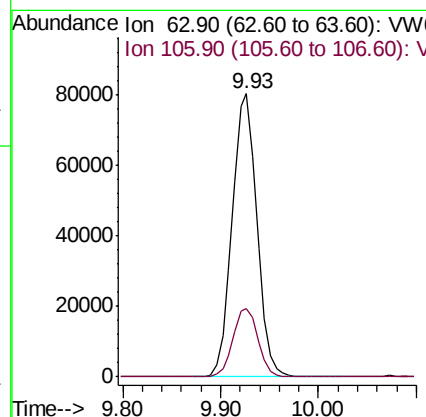
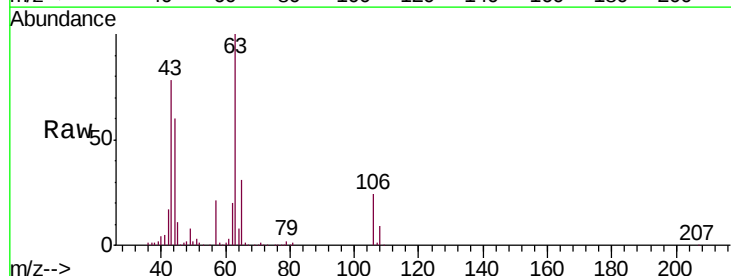
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

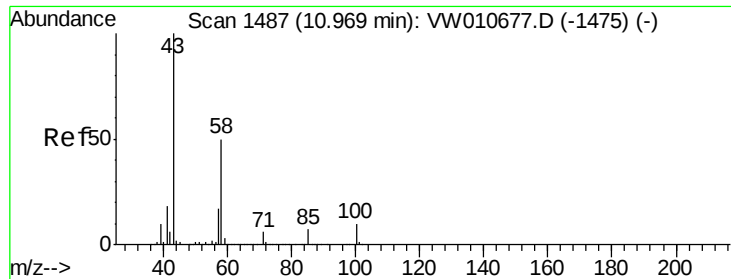
Tgt Ion: 76 Resp: 72084
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.807 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 63 Resp: 140631
 Ion Ratio Lower Upper
 63 100
 106 24.4 20.1 30.1

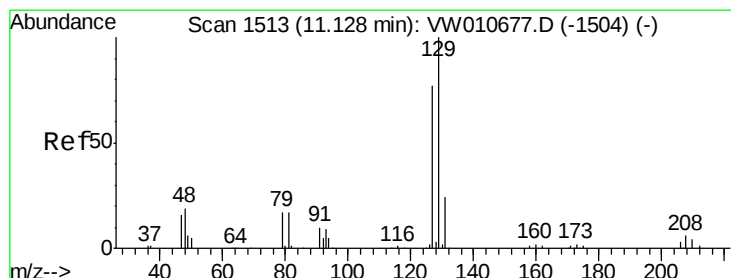
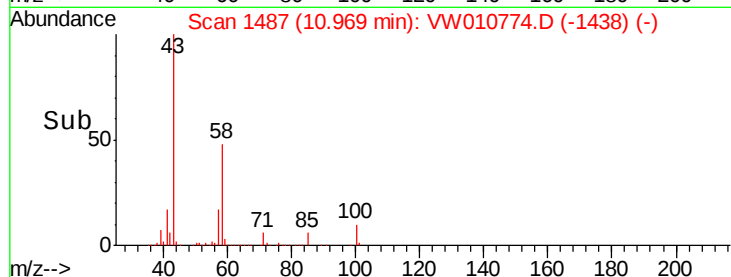
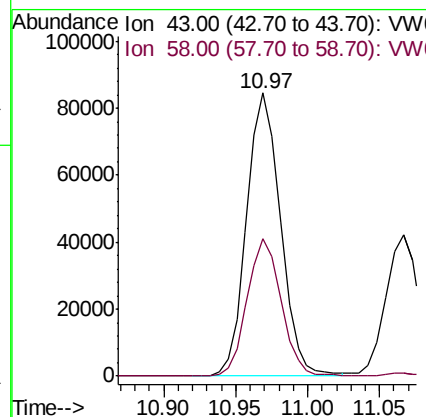
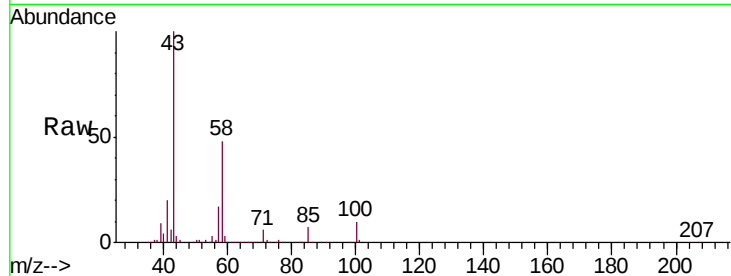




#59
2-Hexanone
Concen: 81.954 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

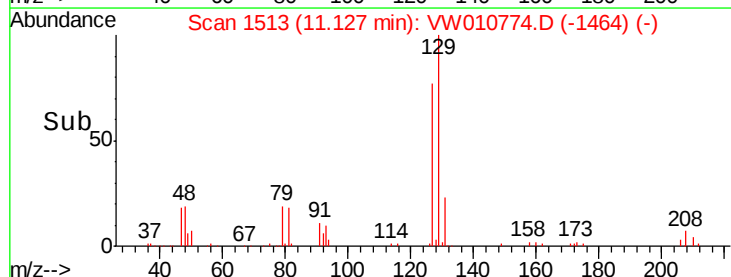
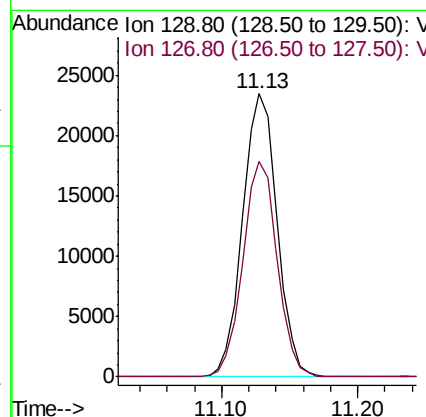
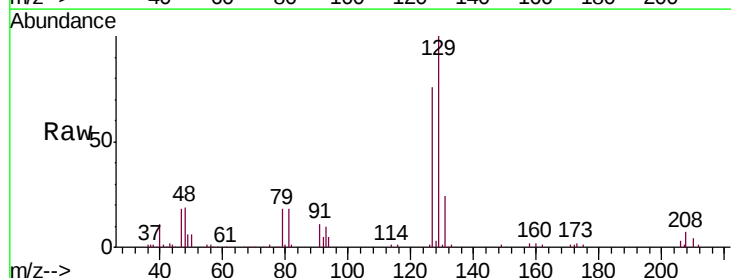
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

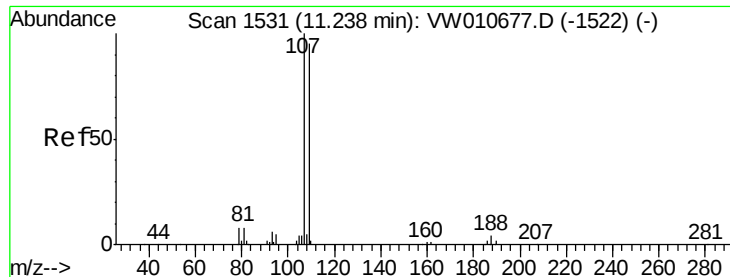
Tgt Ion: 43 Resp: 137933
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 18.234 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 129 Resp: 41588
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0

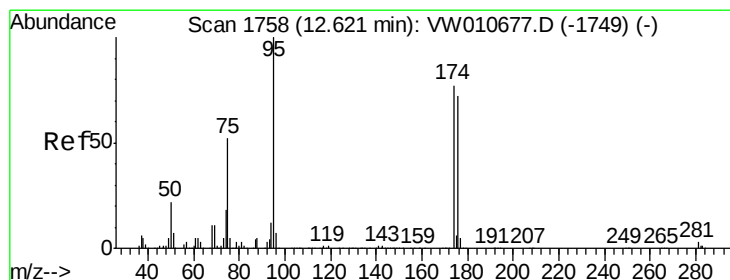
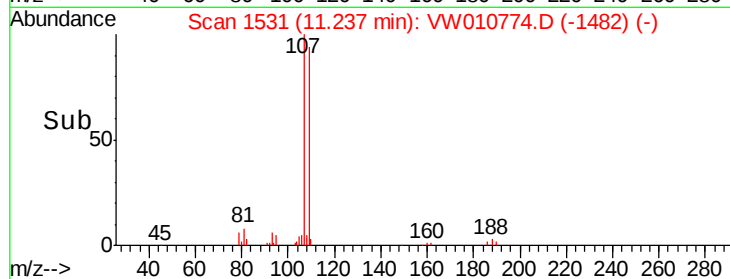
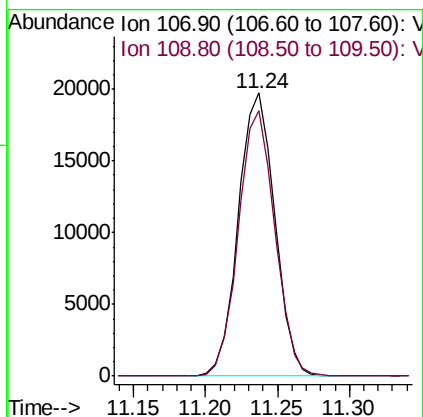
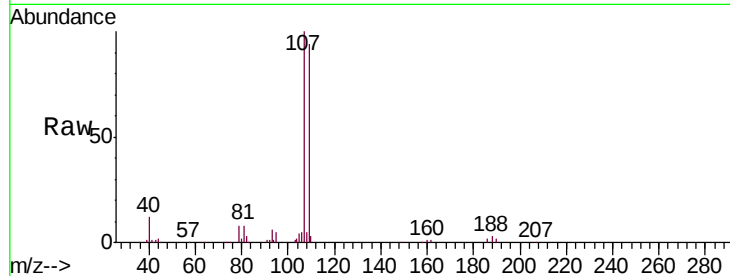




#61
 1,2-Dibromoethane
 Concen: 17.711 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

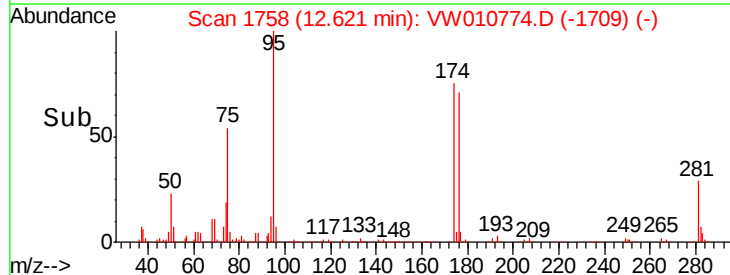
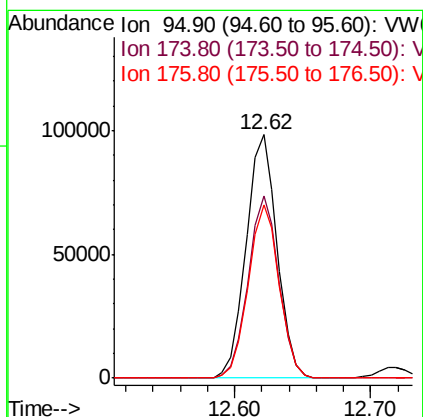
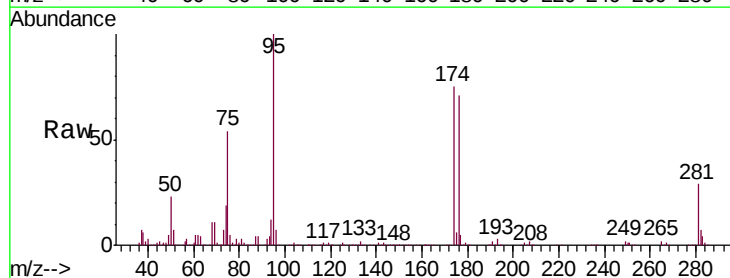
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

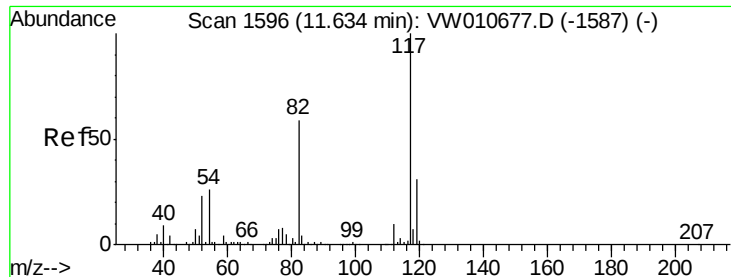
Tgt Ion: 107 Resp: 34526
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 43.444 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 95 Resp: 156519
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 150.4
 176 71.4 0.0 144.8

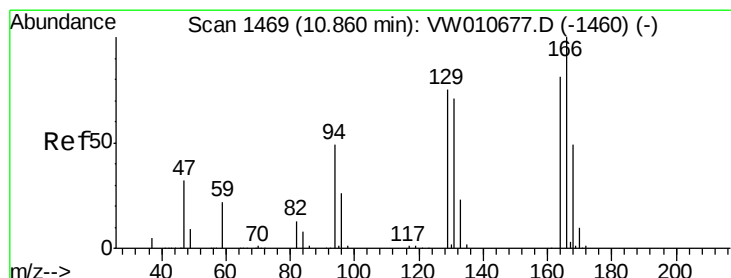
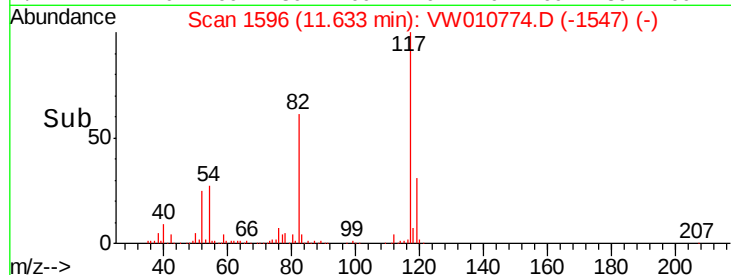
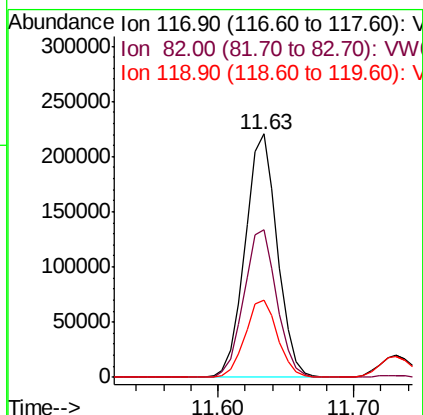
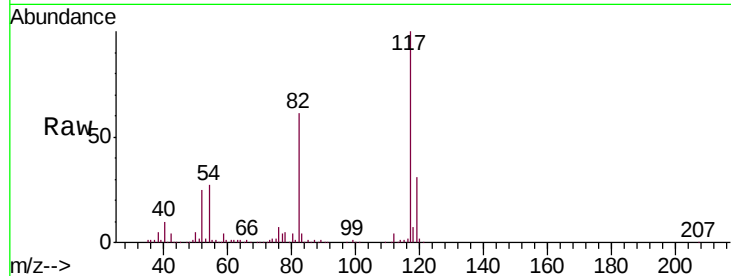




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

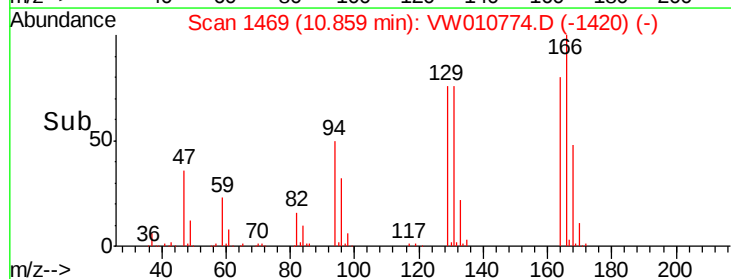
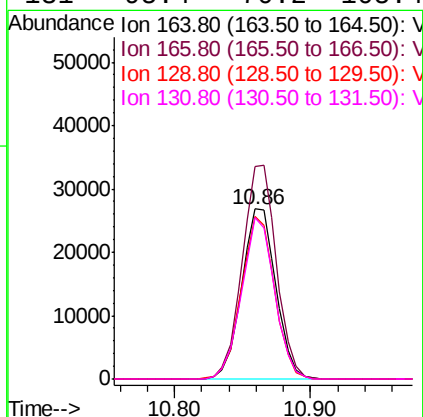
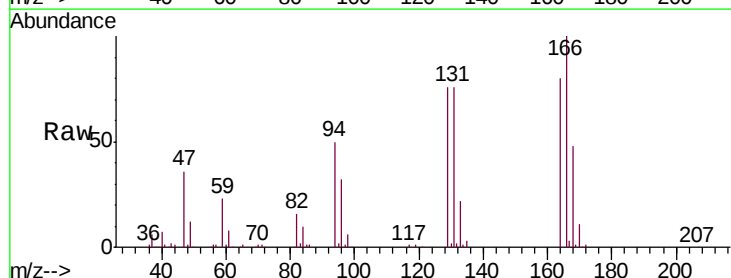
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

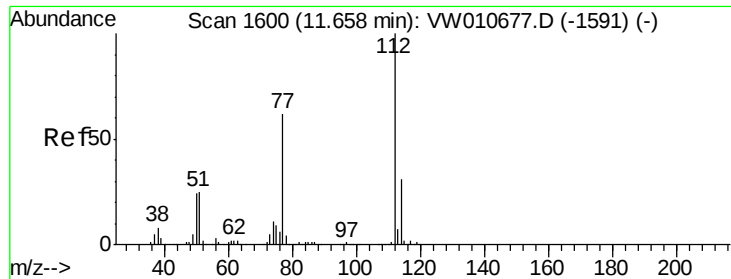
Tgt Ion:117 Resp: 364468
Ion Ratio Lower Upper
117 100
82 60.6 47.0 70.4
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 19.468 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:164 Resp: 47111
Ion Ratio Lower Upper
164 100
166 125.0 99.2 148.8
129 95.6 74.6 112.0
131 95.4 70.2 105.4

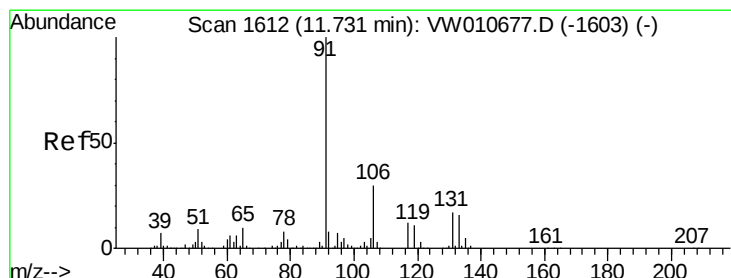
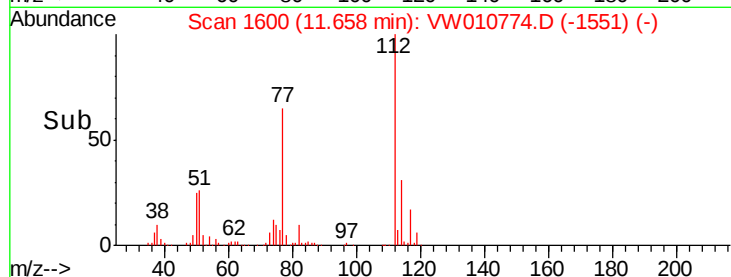
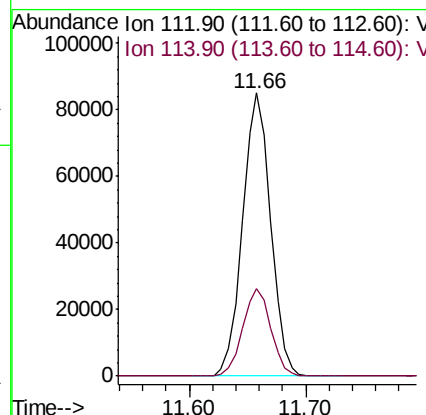
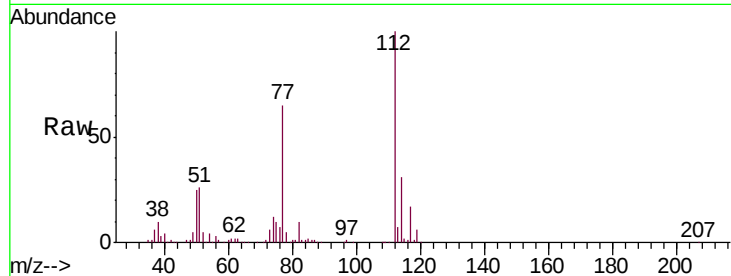




#65
Chlorobenzene
Concen: 19.925 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

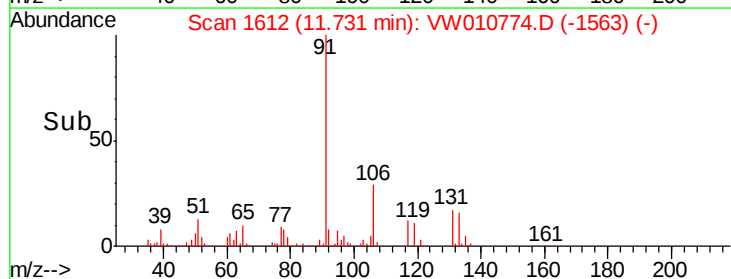
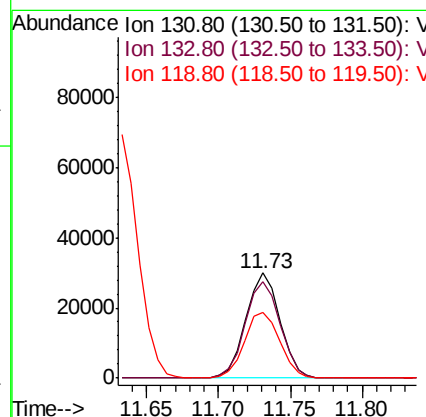
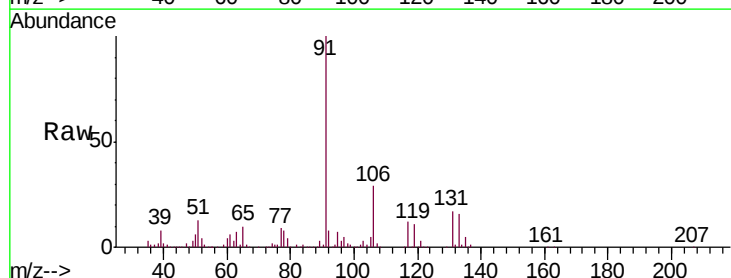
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

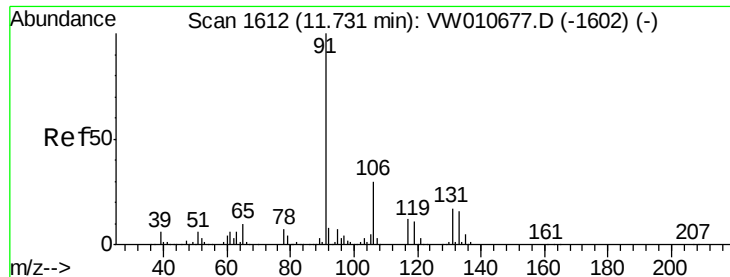
Tgt Ion:112 Resp: 142805
Ion Ratio Lower Upper
112 100
114 30.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.812 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:131 Resp: 49154
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 64.9 32.4 97.0

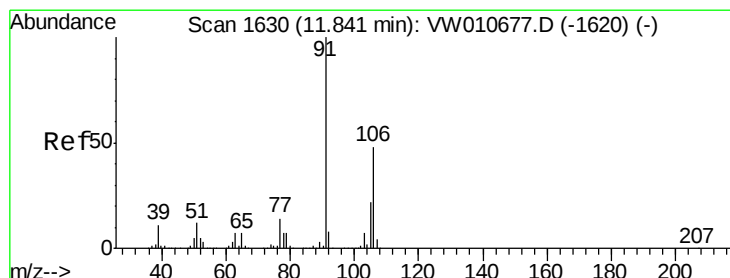
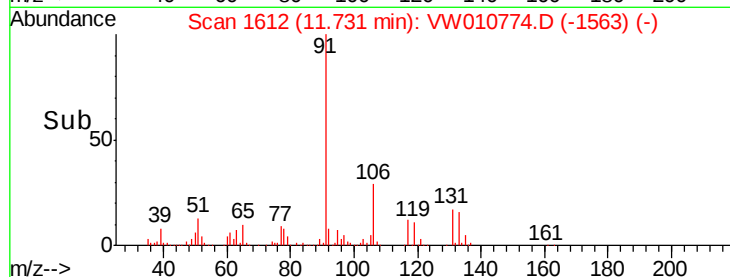
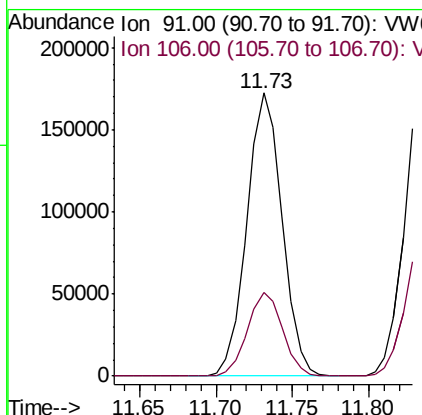
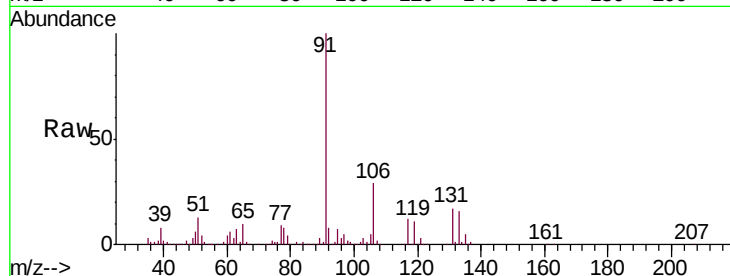




#67
Ethyl Benzene
Concen: 20.048 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

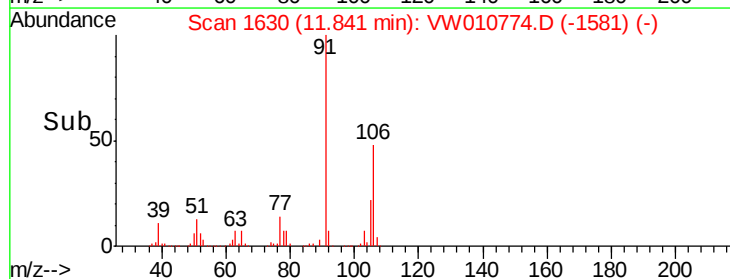
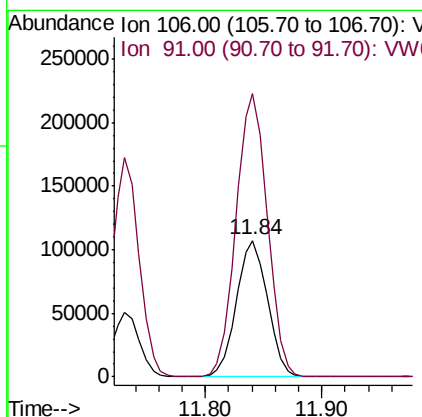
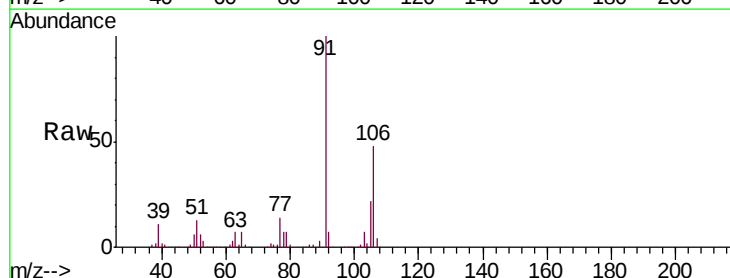
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

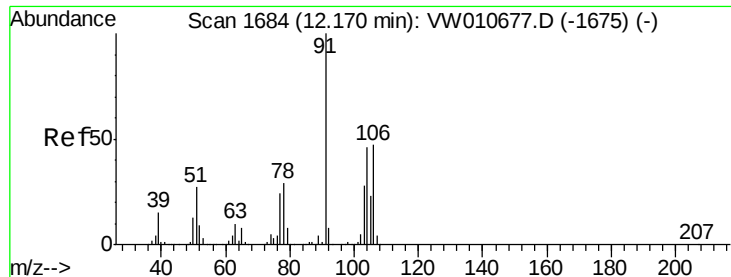
Tgt Ion: 91 Resp: 276154
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4



#68
m/p-Xylenes
Concen: 40.530 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 106 Resp: 199845
Ion Ratio Lower Upper
106 100
91 209.3 166.5 249.7

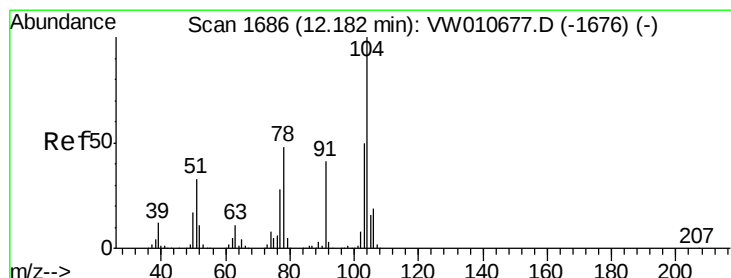
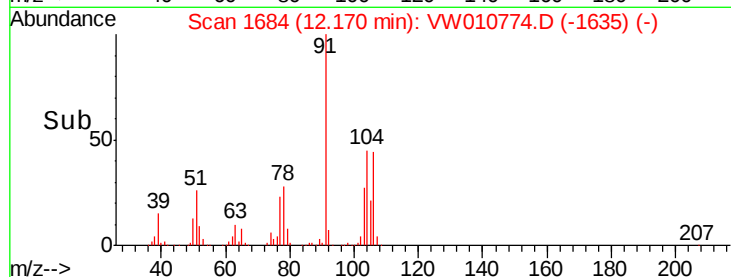
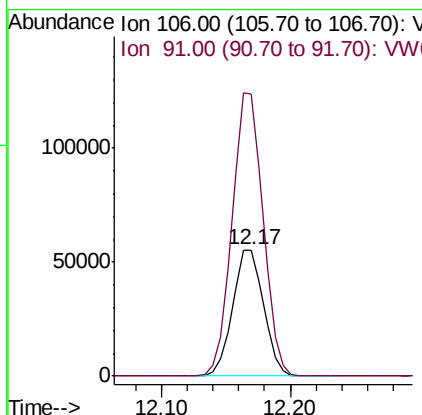
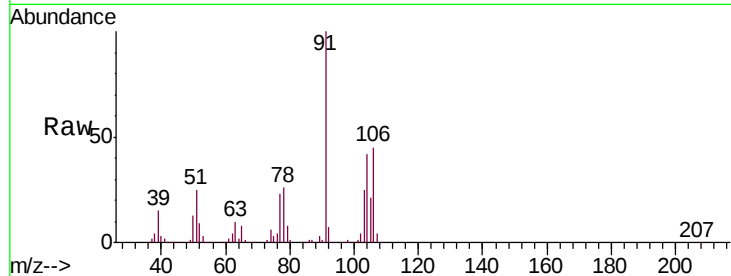




#69
o-Xylene
Concen: 19.799 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

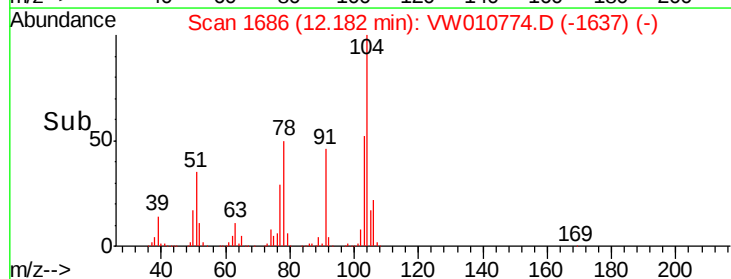
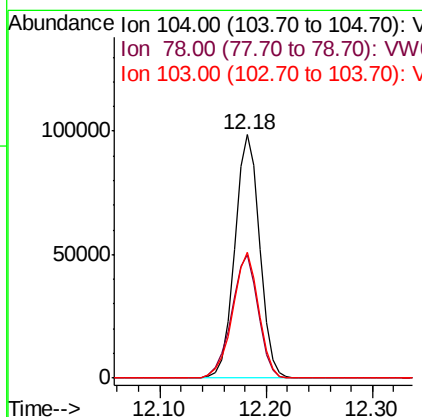
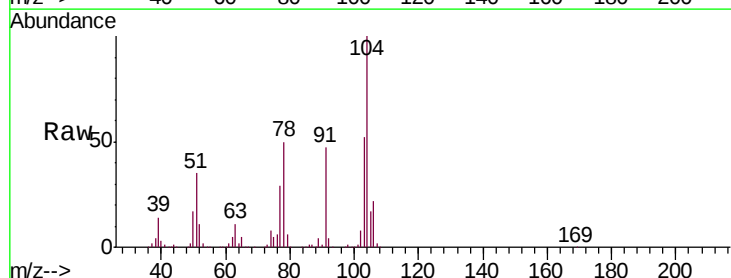
Instrument :
MSVOA_W
ClientSampled :
VW0612SBS01

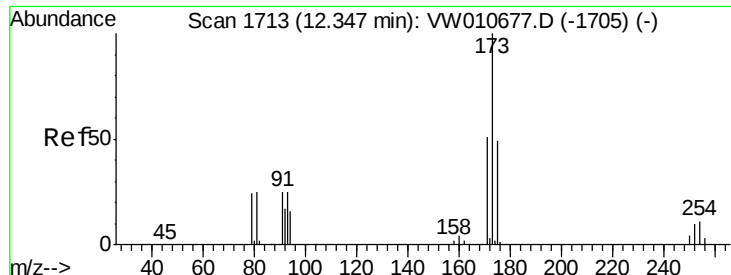
Tgt Ion:106 Resp: 92590
Ion Ratio Lower Upper
106 100
91 225.1 108.9 326.6



#70
Styrene
Concen: 19.935 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:104 Resp: 161950
Ion Ratio Lower Upper
104 100
78 53.9 42.7 64.1
103 54.2 43.6 65.4

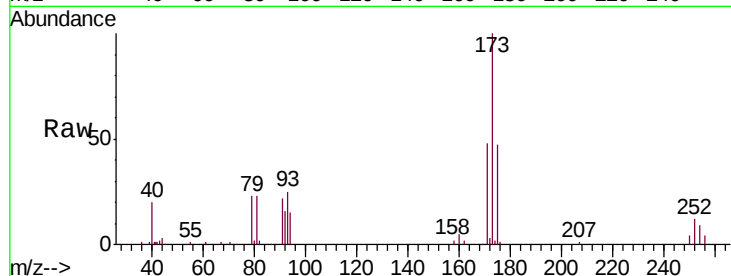




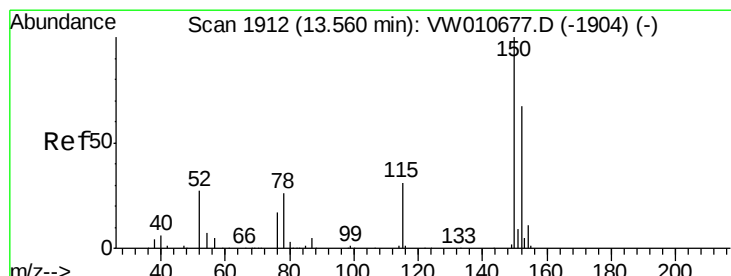
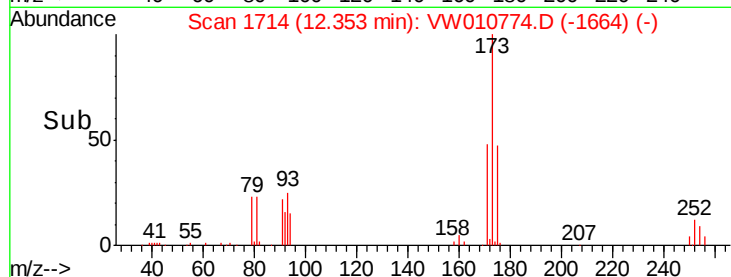
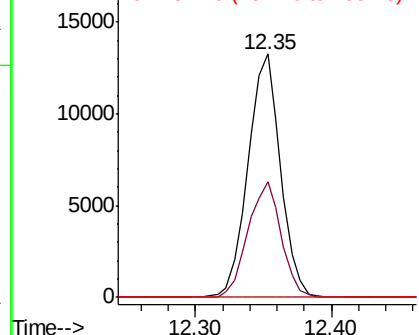
#71
Bromoform
Concen: 17.215 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tgt Ion:173 Resp: 22090
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.0 0.1 0.1#

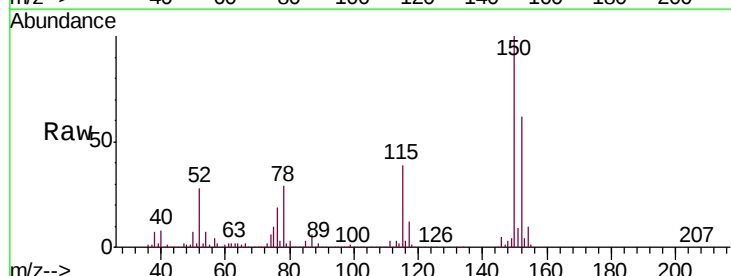


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

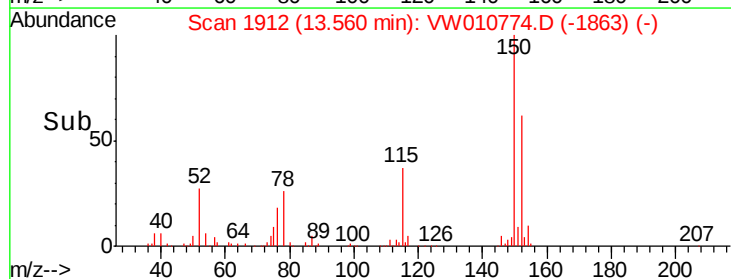
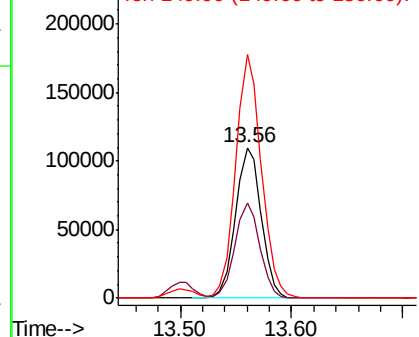


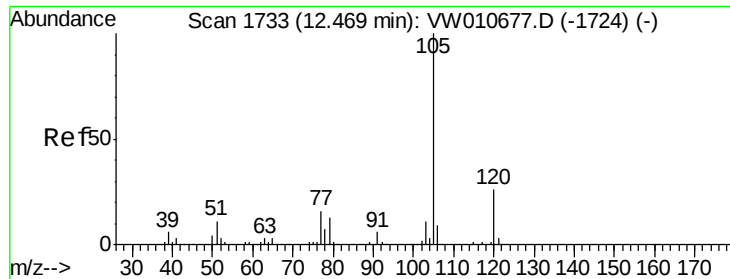
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:152 Resp: 174308
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 162.7 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: 20.082 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

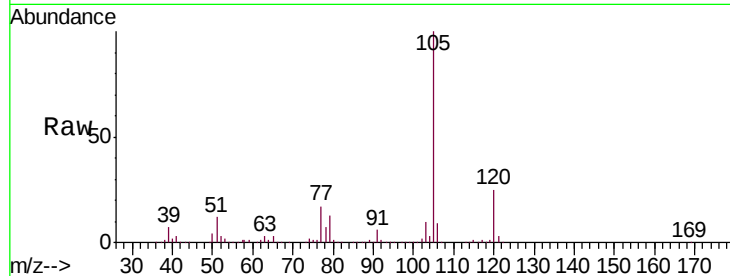
VW0612SBS01

Tgt Ion: 105 Resp: 263048

Ion Ratio Lower Upper

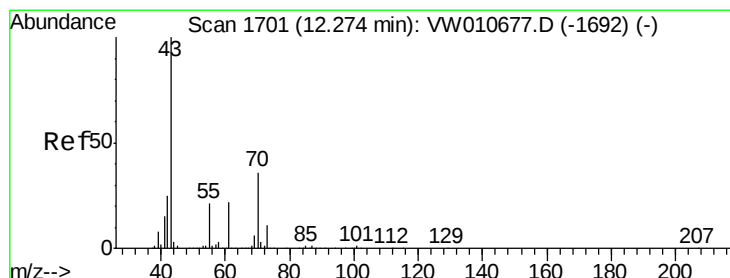
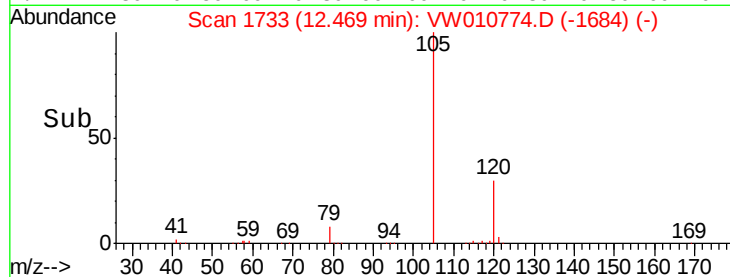
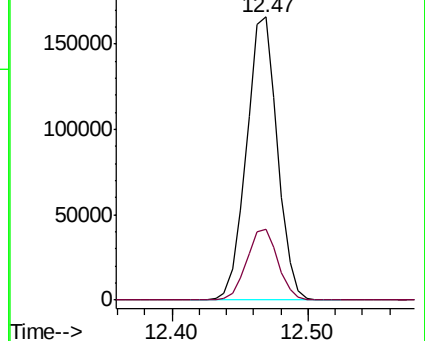
105 100

120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.500 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion: 43 Resp: 74082

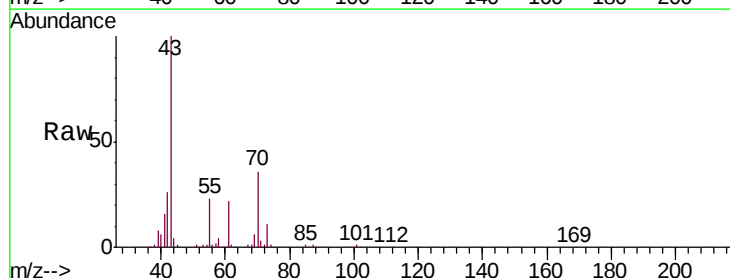
Ion Ratio Lower Upper

43 100

70 35.3 29.2 43.8

55 22.3 17.5 26.3

61 21.2 17.4 26.2

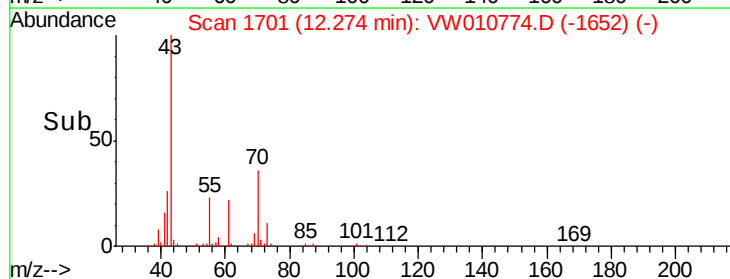
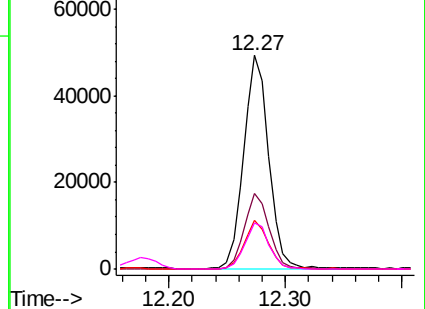


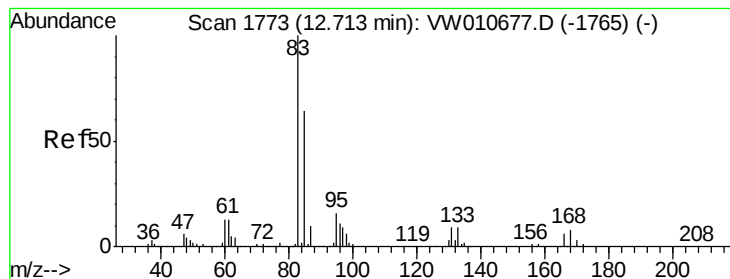
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 17.369 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

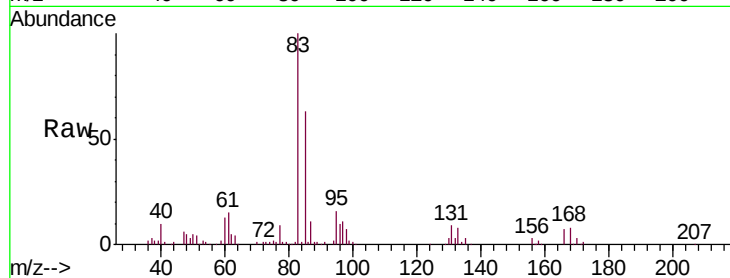
Tgt Ion: 83 Resp: 43311

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

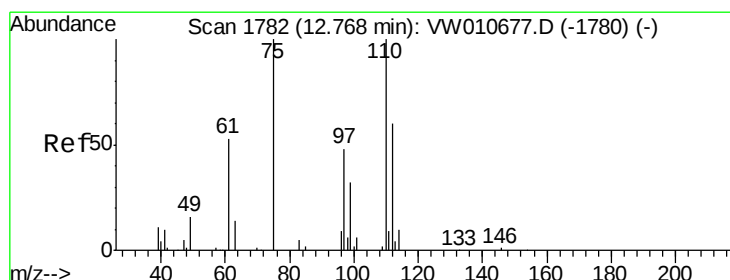
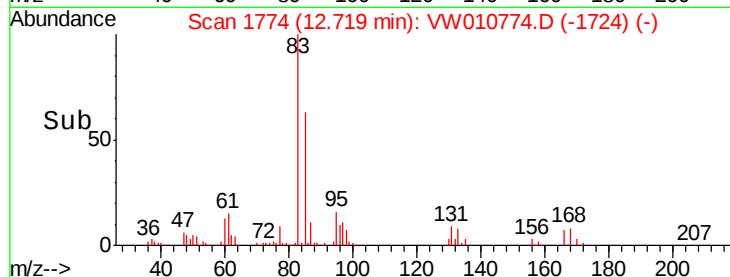
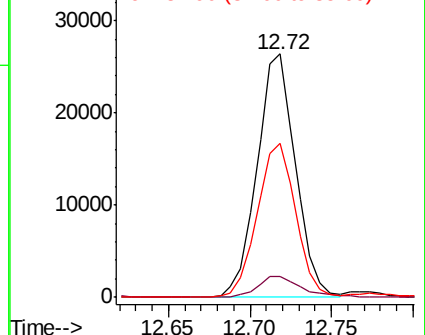
85 63.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.080 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010774.D

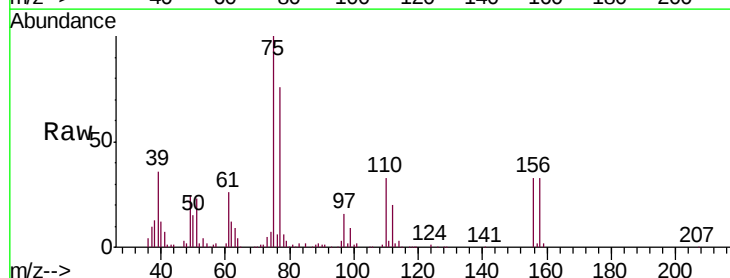
Acq: 12 Jun 2019 13:24

Tgt Ion: 75 Resp: 58722

Ion Ratio Lower Upper

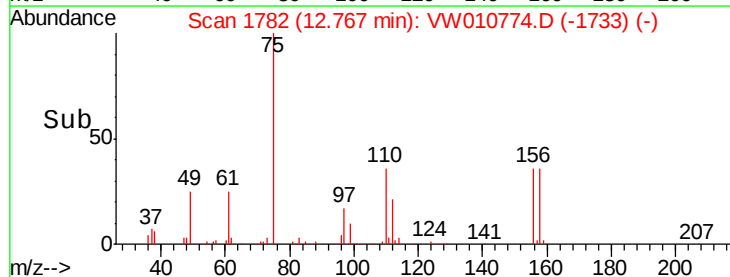
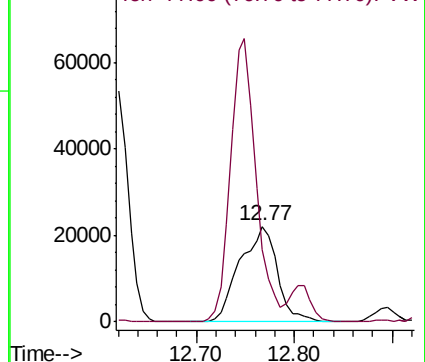
75 100

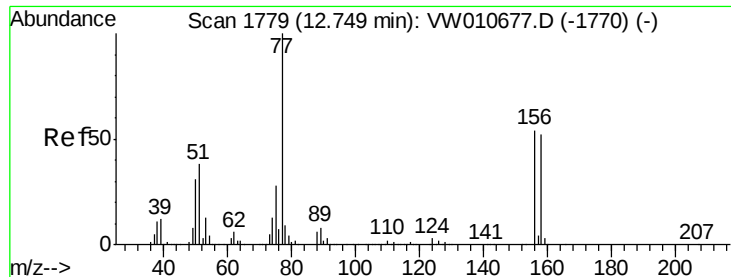
77 201.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.540 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

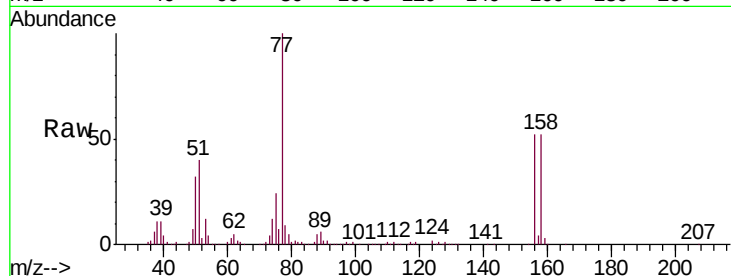
Tgt Ion:156 Resp: 55870

Ion Ratio Lower Upper

156 100

77 212.1 106.5 319.4

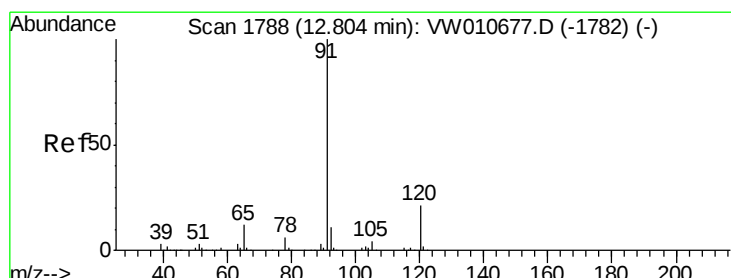
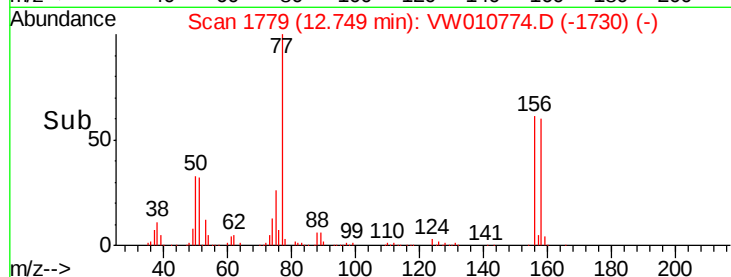
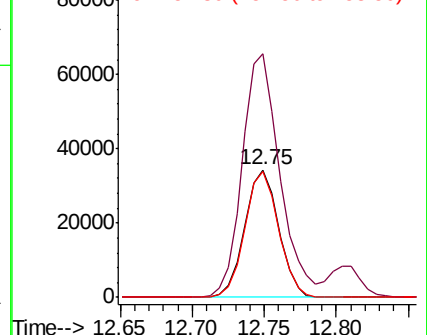
158 97.8 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.394 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010774.D

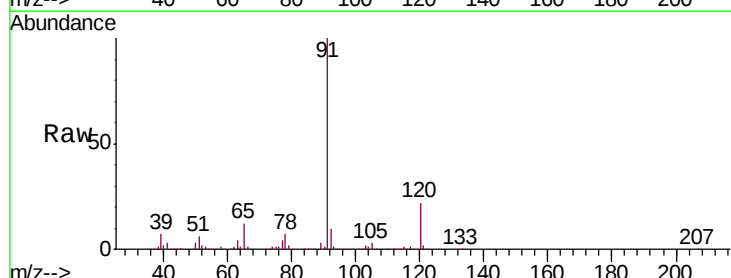
Acq: 12 Jun 2019 13:24

Tgt Ion: 91 Resp: 322113

Ion Ratio Lower Upper

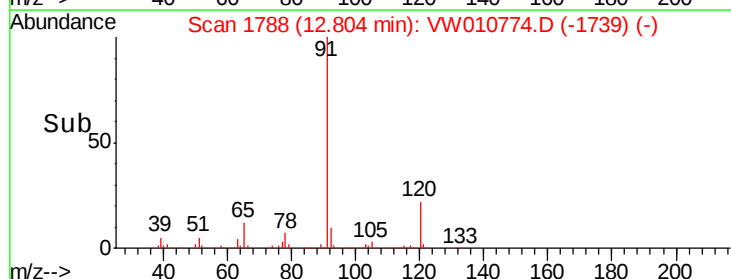
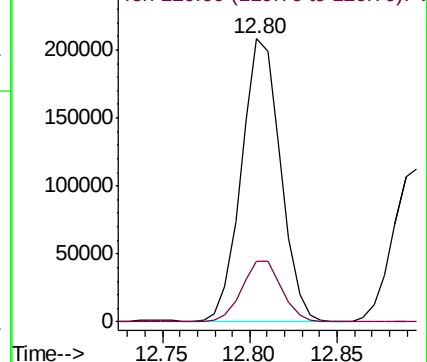
91 100

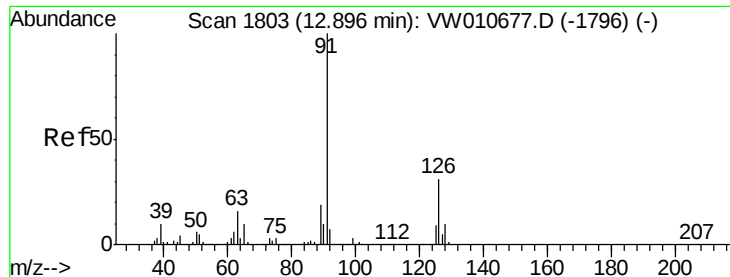
120 21.9 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.283 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

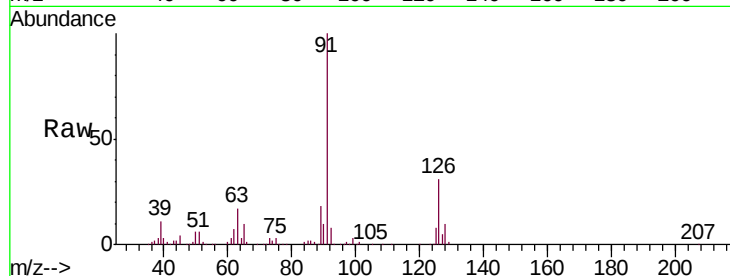
VW0612SBS01

Tgt Ion: 91 Resp: 183023

Ion Ratio Lower Upper

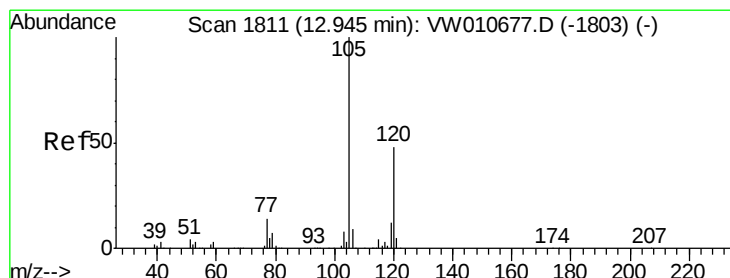
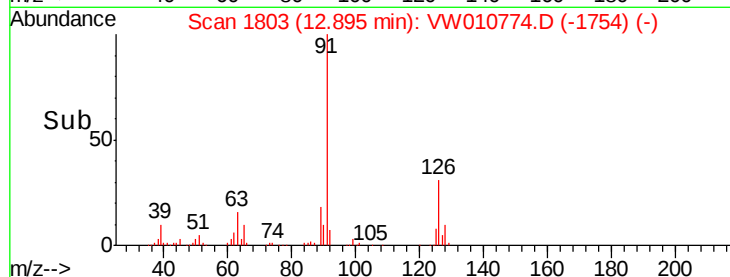
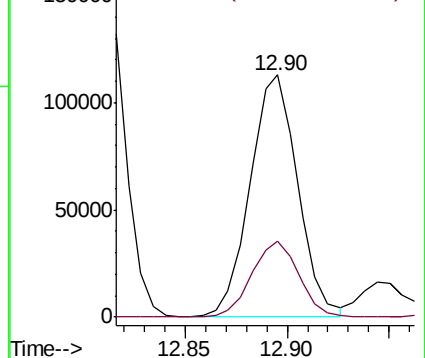
91 100

126 30.8 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.450 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010774.D

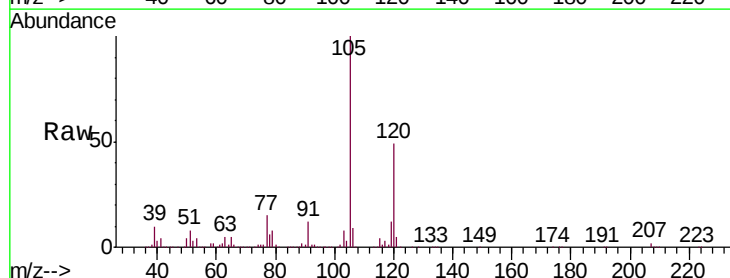
Acq: 12 Jun 2019 13:24

Tgt Ion: 105 Resp: 219258

Ion Ratio Lower Upper

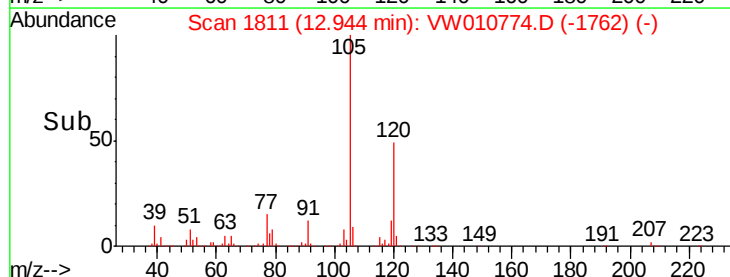
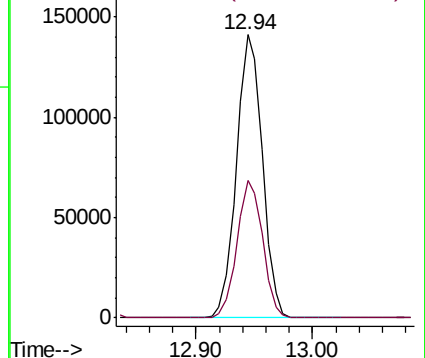
105 100

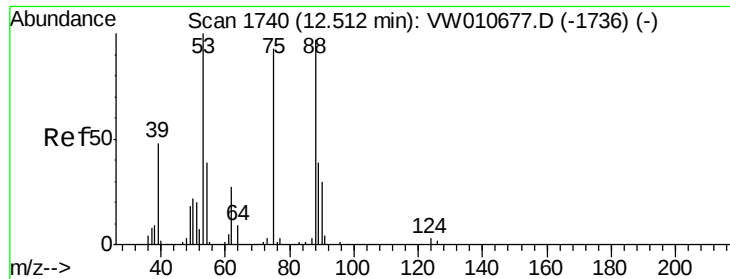
120 48.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

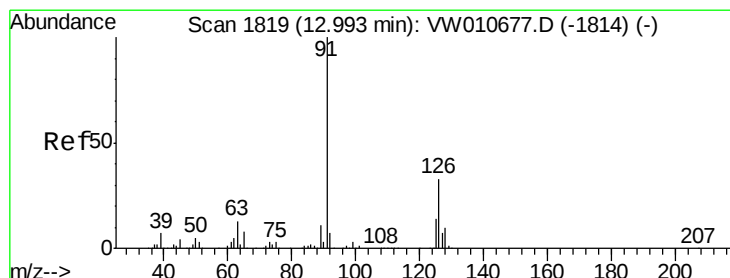
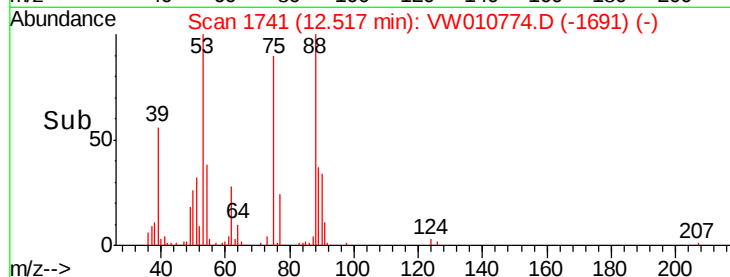
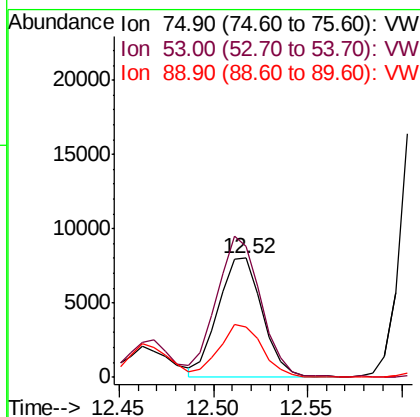
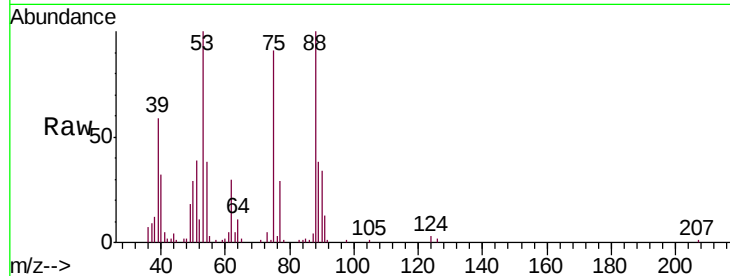




#81
trans-1,4-Dichloro-2-butene
Concen: 16.527 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

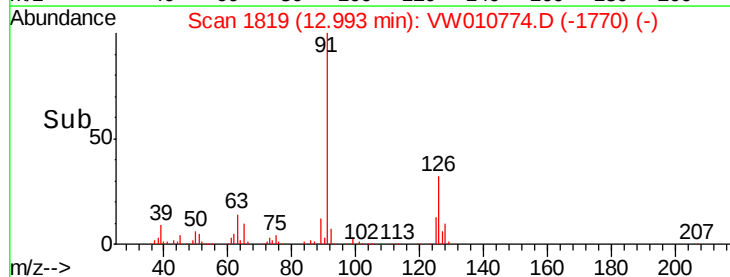
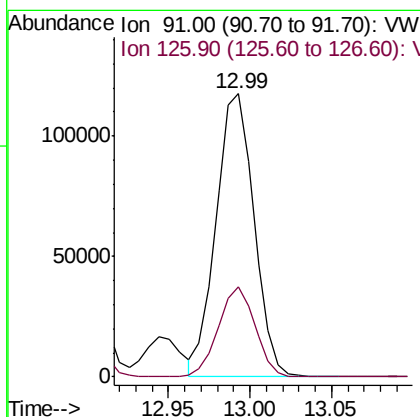
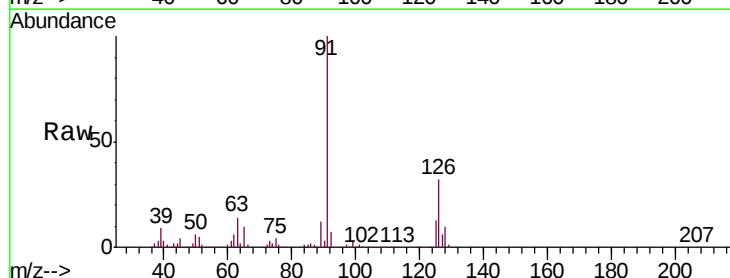
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

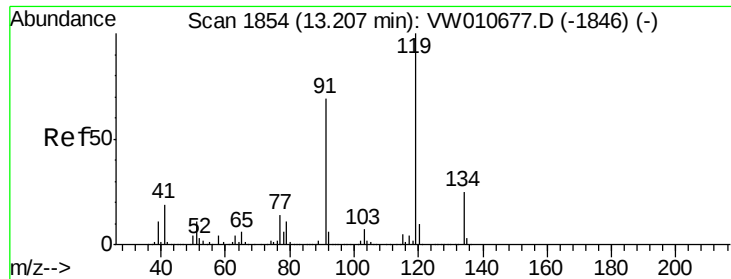
Tgt Ion: 75 Resp: 13163
Ion Ratio Lower Upper
75 100
53 117.2 90.1 135.1
89 43.6 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.449 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 91 Resp: 190420
Ion Ratio Lower Upper
91 100
126 30.9 15.9 47.7

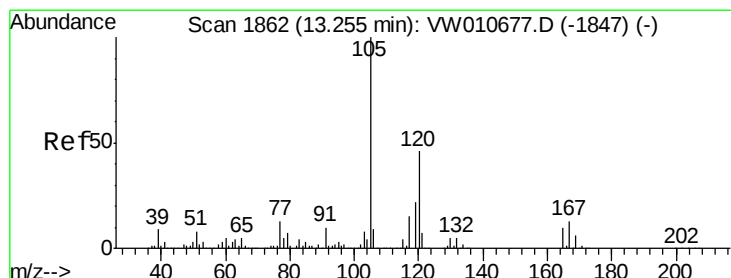
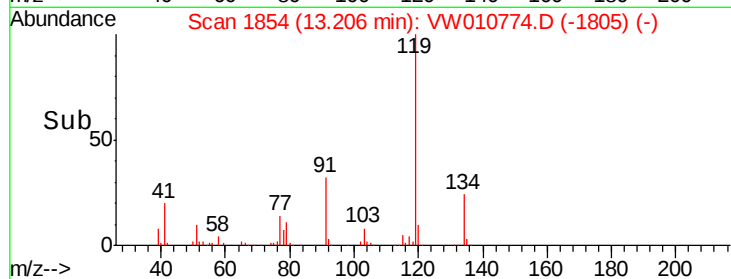
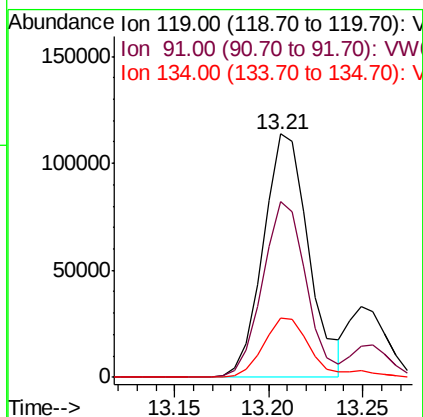
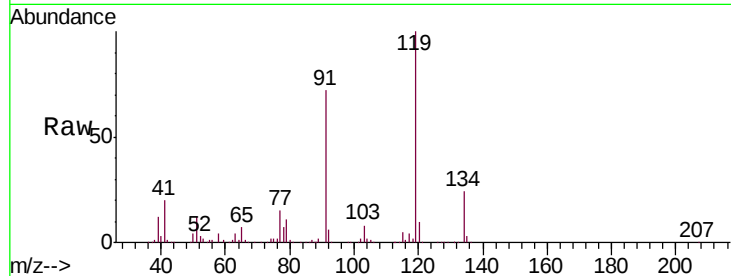




#83
 tert-Butylbenzene
 Concen: 20.985 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

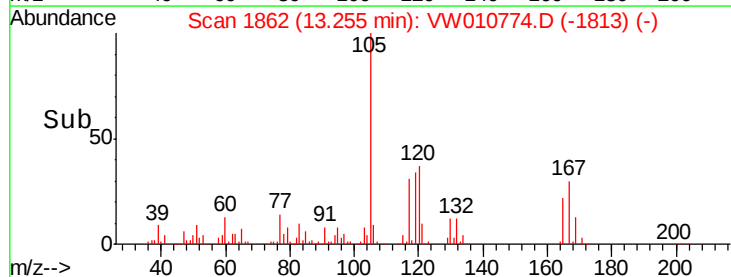
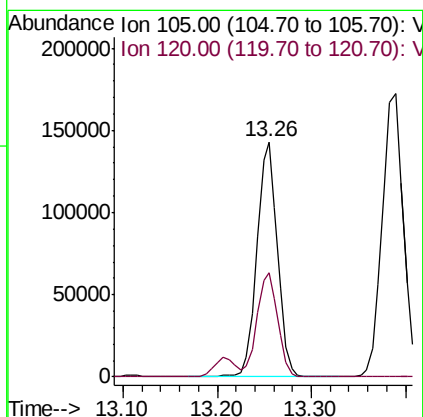
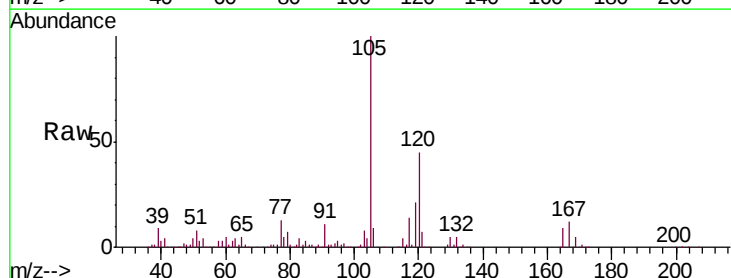
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

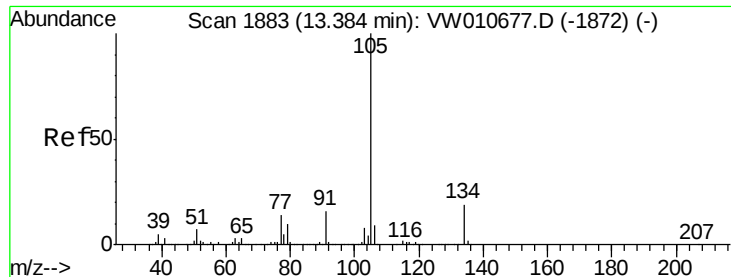
Tgt Ion:119 Resp: 190946
 Ion Ratio Lower Upper
 119 100
 91 69.0 35.1 105.3
 134 26.1 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.348 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion:105 Resp: 219529
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5

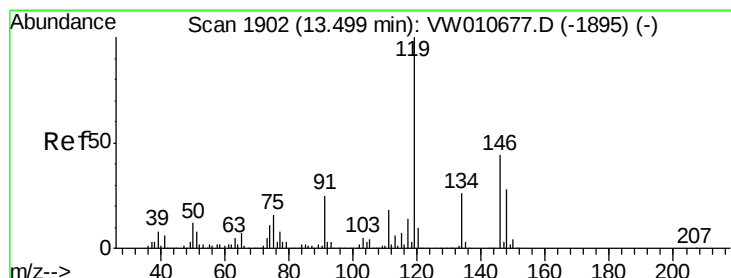
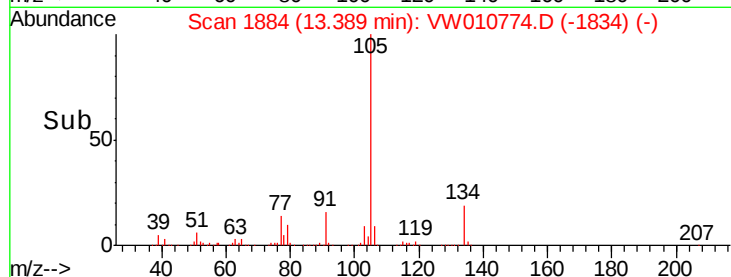
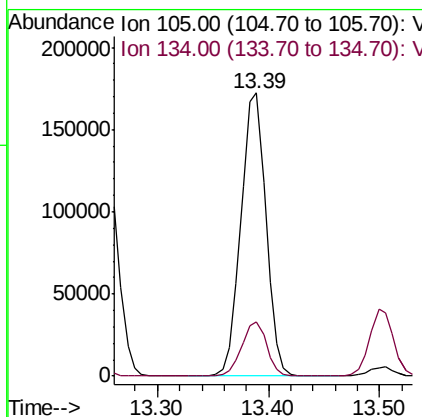
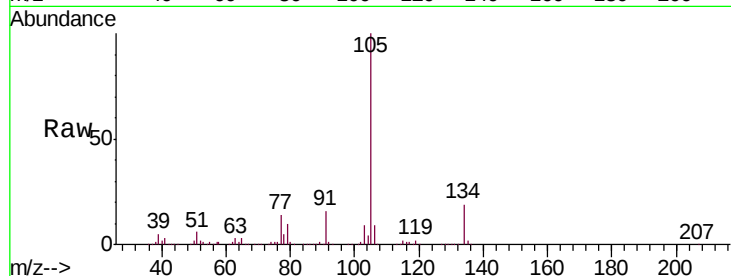




#85
 sec-Butylbenzene
 Concen: 20.304 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

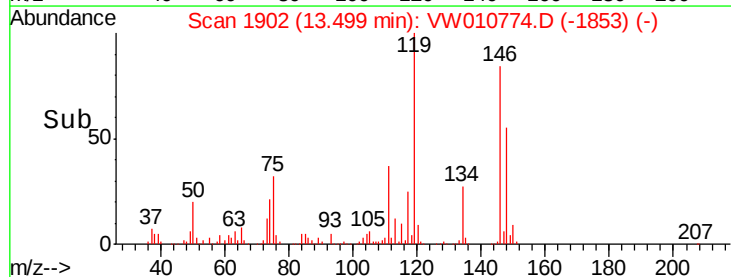
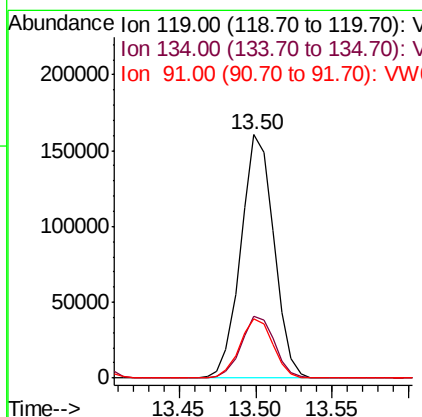
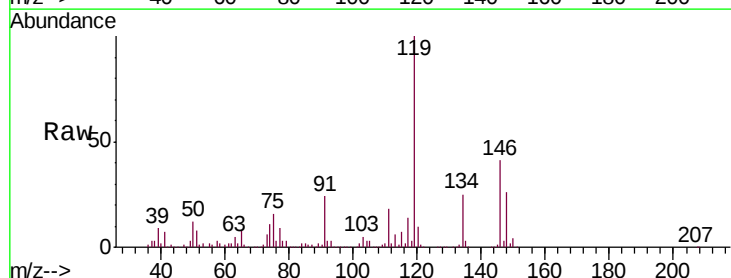
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

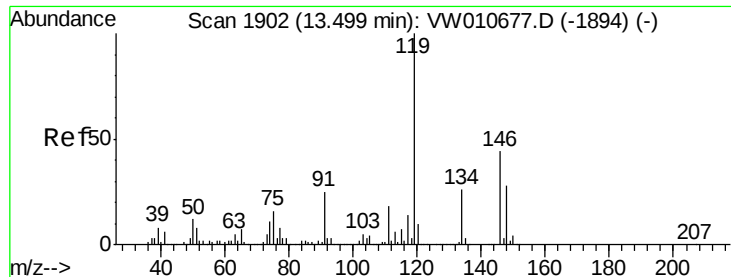
Tgt Ion:105 Resp: 268979
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.301 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion:119 Resp: 240510
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.6 12.2 36.4

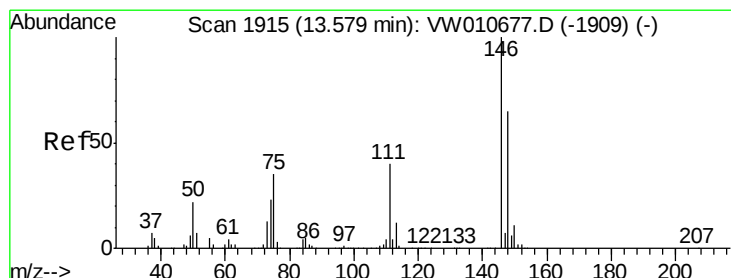
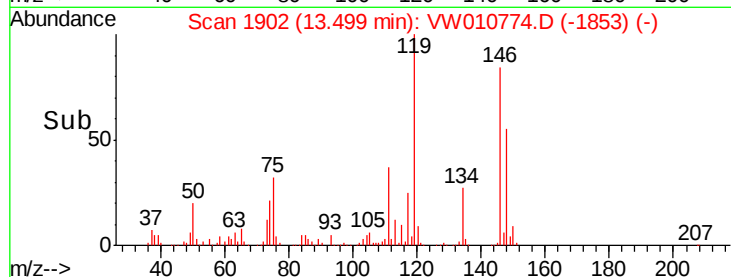
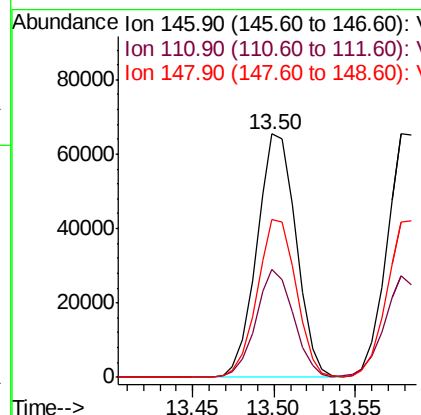
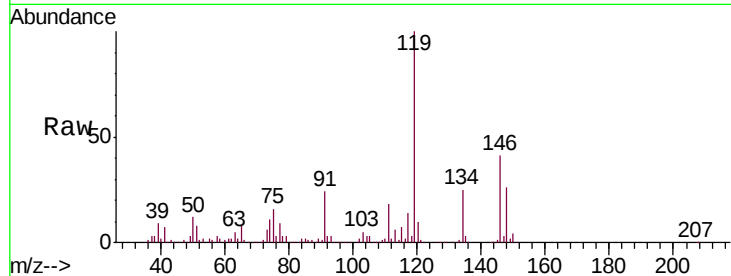




#87
 1,3-Dichlorobenzene
 Concen: 19.760 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

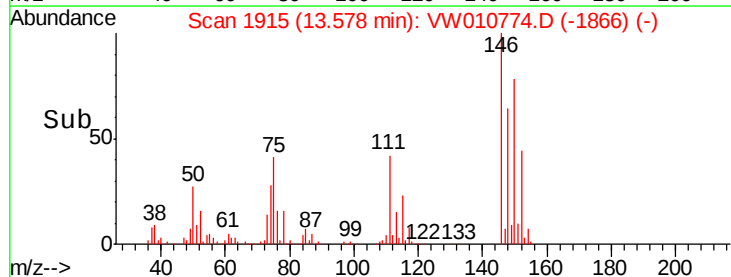
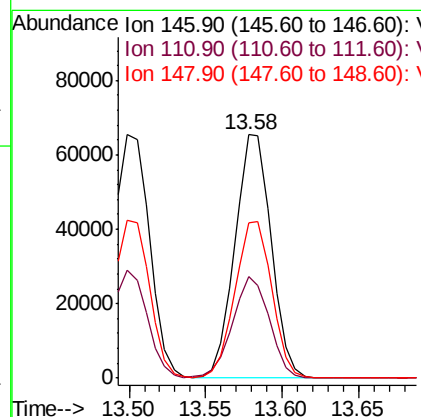
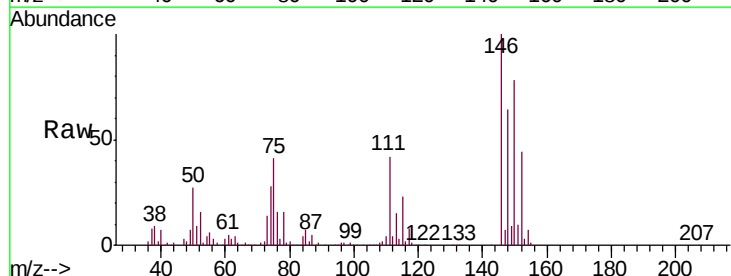
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

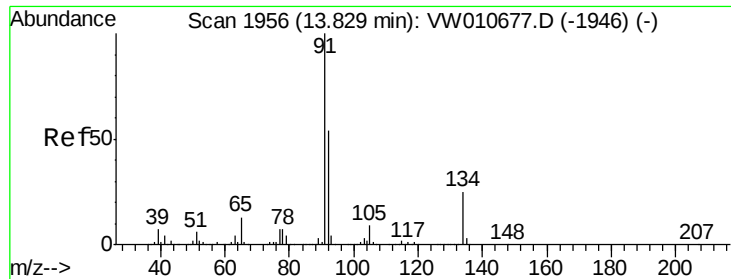
Tgt Ion:146 Resp: 108953
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.4 61.3
 148 64.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion:146 Resp: 107655
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.3 60.9
 148 65.5 32.4 97.2





#89

n-Butylbenzene

Concen: 20.629 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

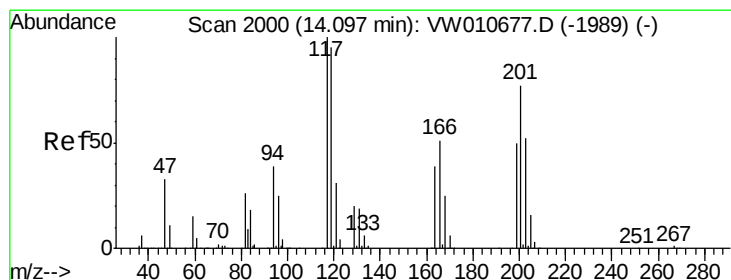
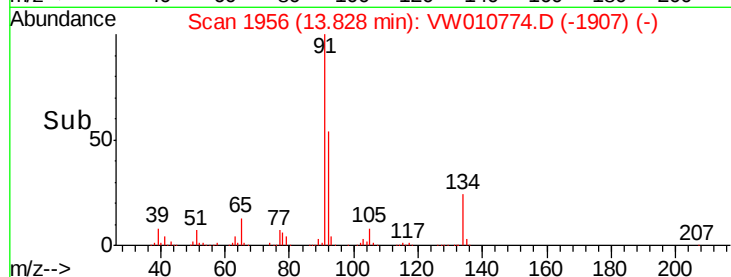
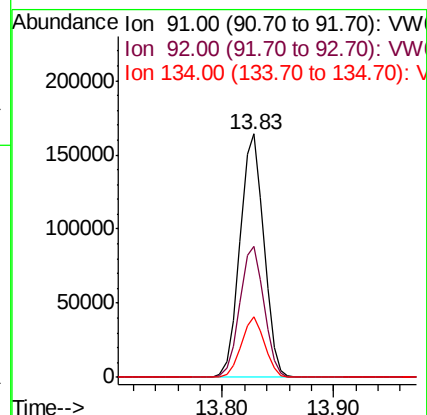
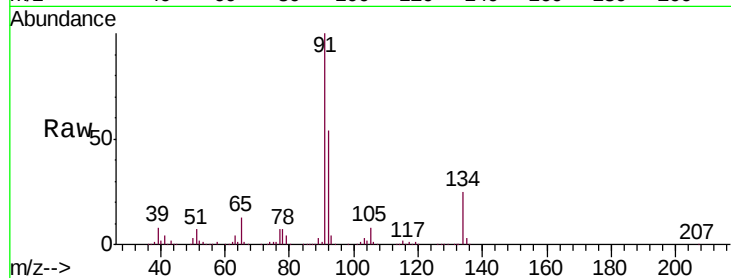
Tgt Ion: 91 Resp: 243839

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

134 24.2 12.3 36.9



#90

Hexachloroethane

Concen: 19.894 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010774.D

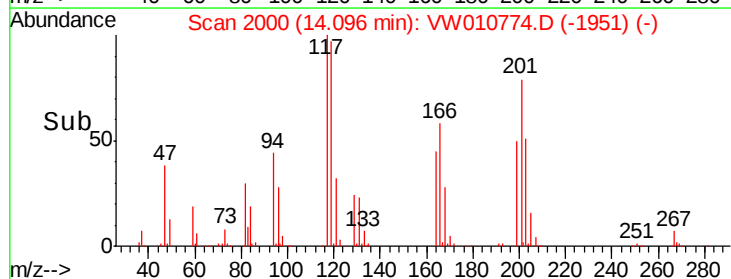
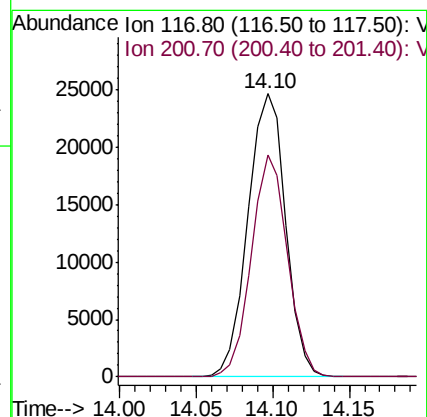
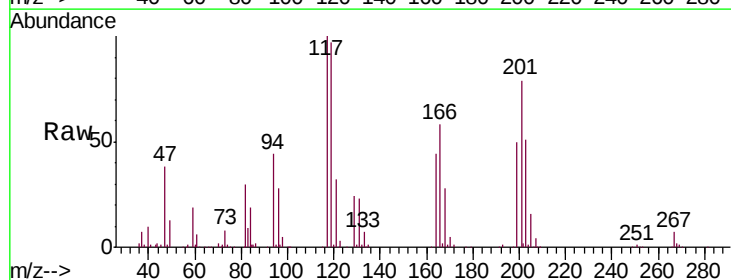
Acq: 12 Jun 2019 13:24

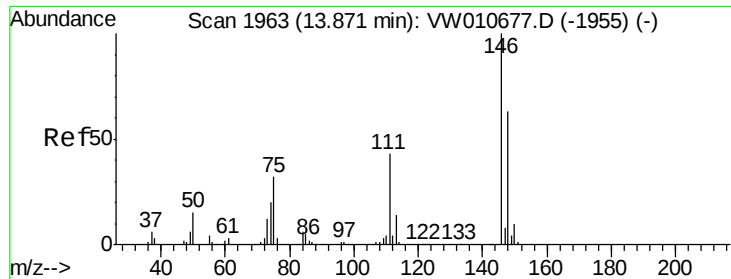
Tgt Ion: 117 Resp: 42207

Ion Ratio Lower Upper

117 100

201 75.2 38.8 116.4

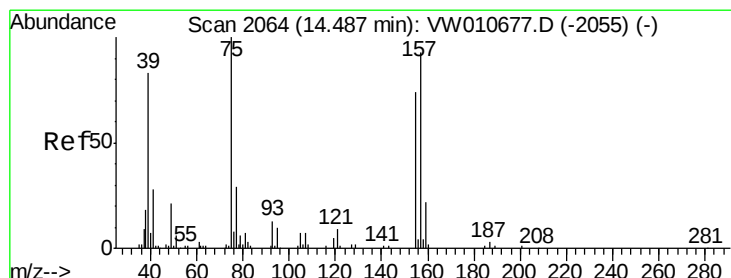
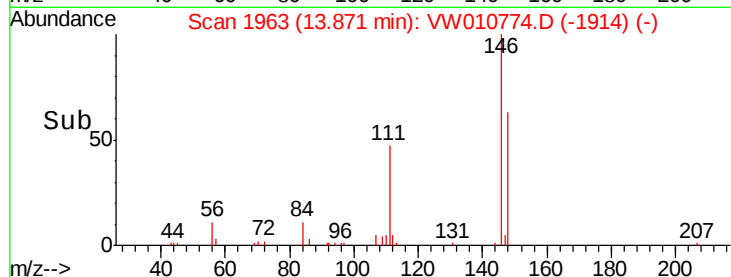
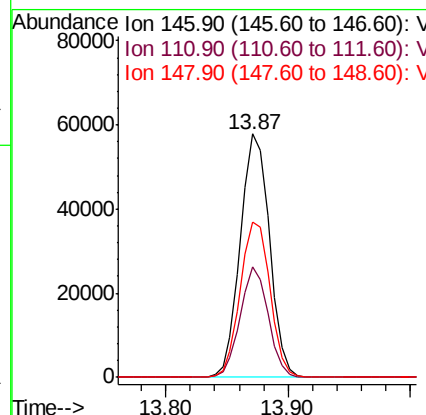
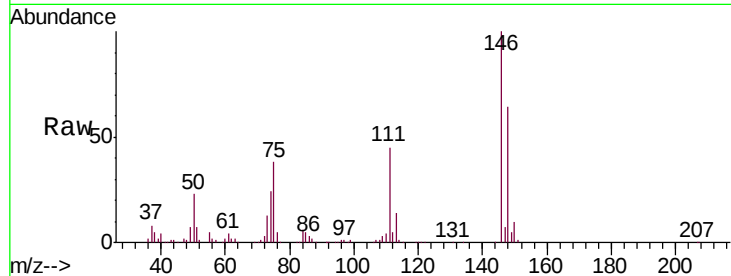




#91
 1,2-Dichlorobenzene
 Concen: 19.330 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

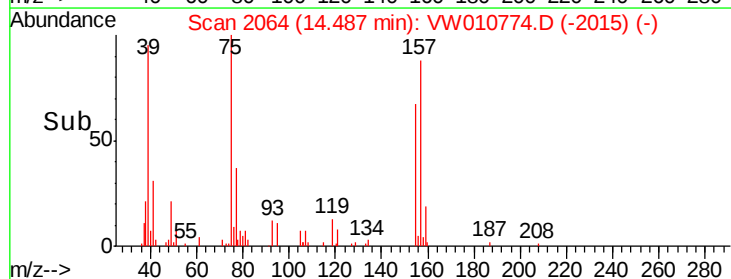
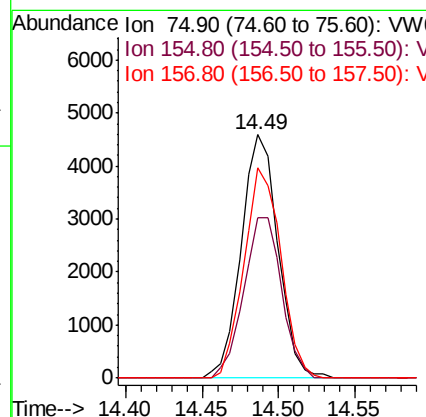
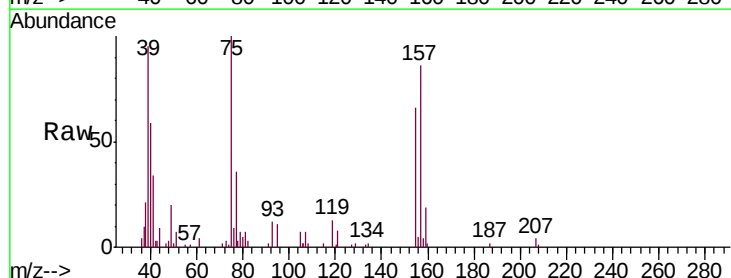
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

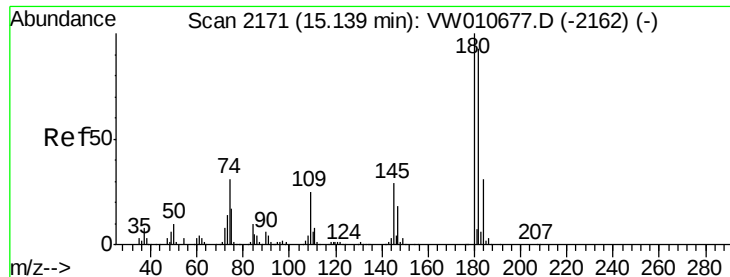
Tgt Ion:146 Resp: 95848
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.5 64.5
 148 65.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.896 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 75 Resp: 7663
 Ion Ratio Lower Upper
 75 100
 155 68.0 38.8 116.4
 157 86.8 48.4 145.0

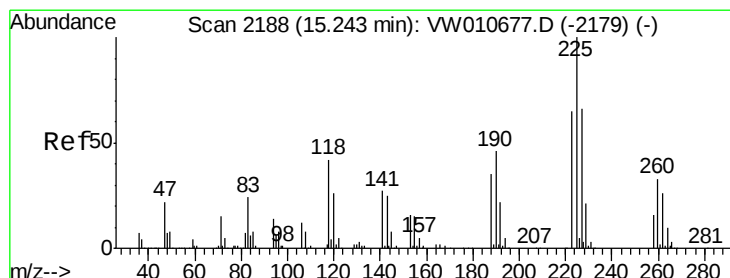
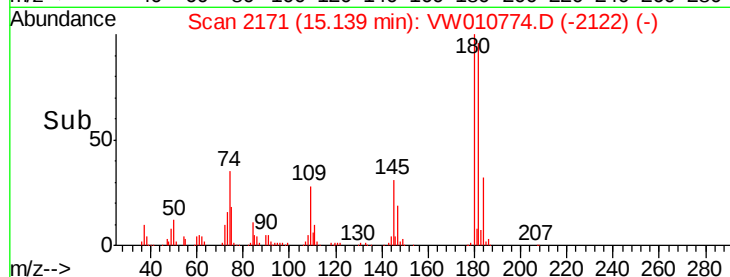
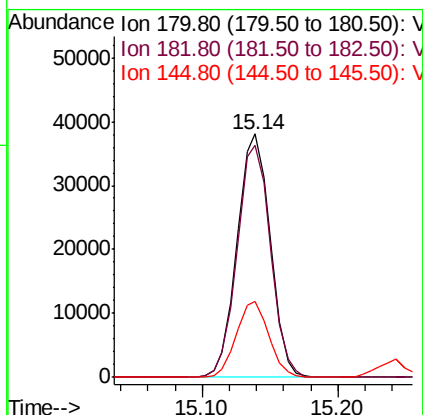
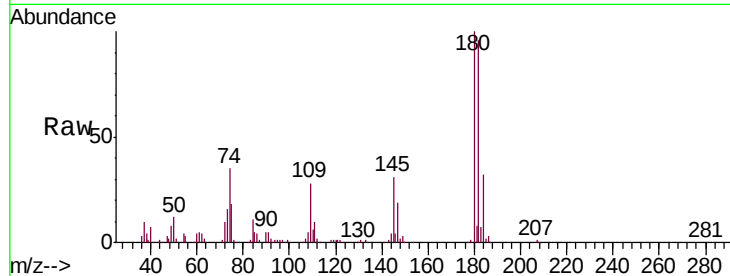




#93
 1,2,4-Trichlorobenzene
 Concen: 18.588 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

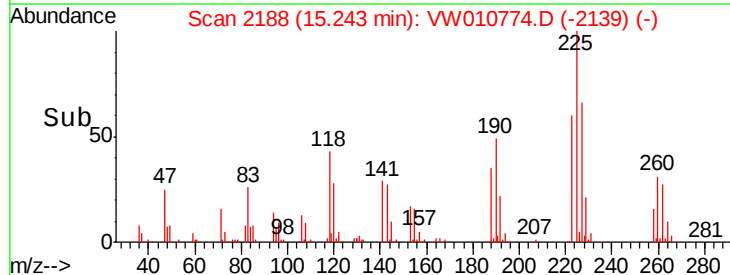
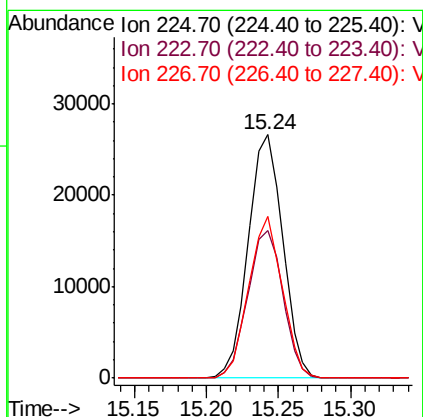
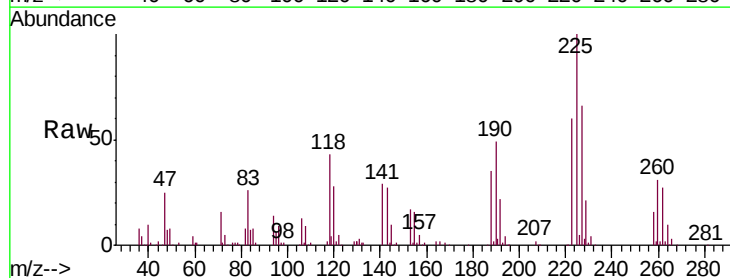
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

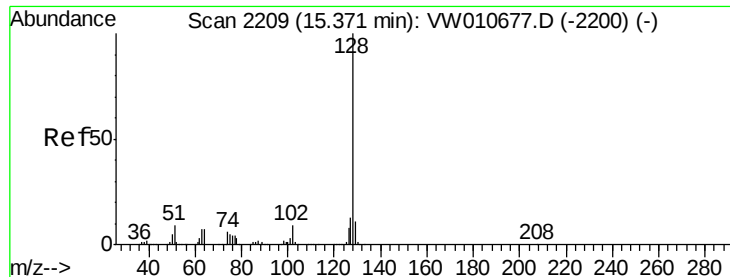
Tgt Ion:180 Resp: 64682
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.1 141.4
 145 30.6 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 20.238 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion:225 Resp: 44198
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.2 96.6
 227 64.3 32.0 96.0

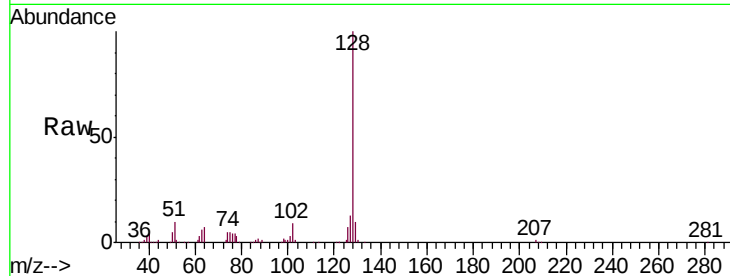




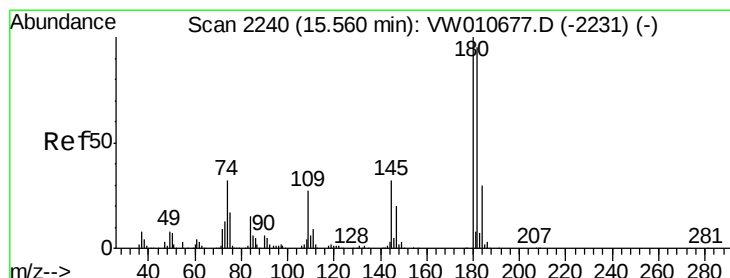
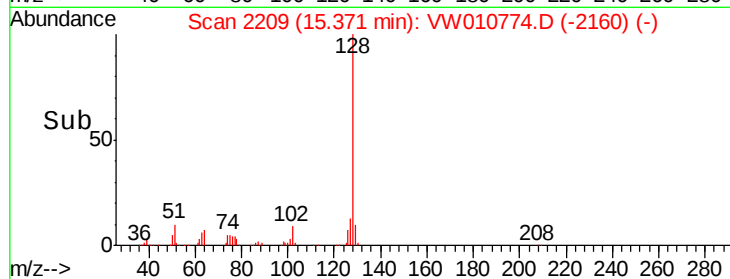
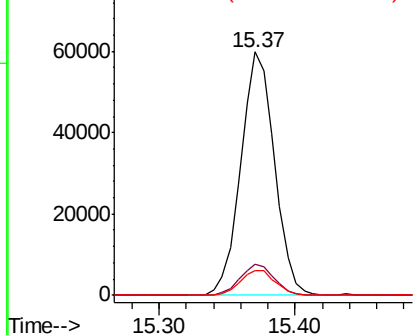
#95
Naphthalene
Concen: 16.387 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tgt Ion:128 Resp: 103605
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 8.6 13.0

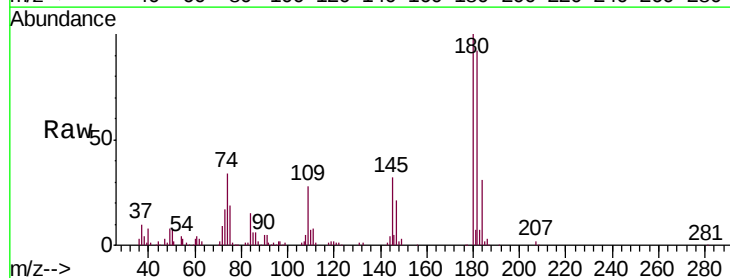


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.529 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:180 Resp: 54834
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 32.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

