

Data File : VW010777.D
Acq On : 12 Jun 2019 14:46
Operator : SY/VA
Sample : VW0612SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Quant Time: Jun 13 07:36:41 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	448879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	740388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	627951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	282516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	229229	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
35) Dibromofluoromethane	7.88	113	208769	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.32	98	928655	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	312826	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47713	11.502	ug/l	100
3) Chloromethane	2.21	50	68745	11.264	ug/l	98
4) Vinyl Chloride	2.35	62	62038	11.002	ug/l	100
5) Bromomethane	2.75	94	35959	11.613	ug/l	94
6) Chloroethane	2.90	64	37674	11.131	ug/l	97
7) Trichlorofluoromethane	3.25	101	84432	11.535	ug/l	99
8) Diethyl Ether	3.68	74	22950	8.774	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51535	11.452	ug/l	98
10) Methyl Iodide	4.26	142	38196	12.247	ug/l	98
11) Tert butyl alcohol	5.16	59	22799	52.894	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	48873	11.259	ug/l	98
13) Acrolein	3.90	56	4035	22.909	ug/l	93
14) Allyl chloride	4.67	41	105803	11.054	ug/l	98
15) Acrylonitrile	5.37	53	43040	33.869	ug/l	99
16) Acetone	4.12	43	50314	35.491	ug/l	97
17) Carbon Disulfide	4.38	76	148727	10.793	ug/l	99
18) Methyl Acetate	4.67	43	22302	7.308	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	107285	8.569	ug/l	98
20) Methylene Chloride	4.92	84	51612	10.378	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	55050	11.171	ug/l	98
22) Diisopropyl ether	6.31	45	204186	10.656	ug/l	99
23) Vinyl Acetate	6.26	43	468279	40.493	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107995	11.246	ug/l	99
25) 2-Butanone	7.17	43	71144	36.191	ug/l	98
26) 2,2-Dichloropropane	7.17	77	97972	12.537	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	57779	10.654	ug/l	94
28) Bromochloromethane	7.51	49	40130	9.364	ug/l	96
29) Tetrahydrofuran	7.52	42	41181	33.305	ug/l	99
30) Chloroform	7.68	83	96016	10.931	ug/l	100
31) Cyclohexane	7.95	56	125484	11.755	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	88513	11.536	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85035	11.220	ug/l	99
37) Ethyl Acetate	7.26	43	29765	7.087	ug/l	98
38) Carbon Tetrachloride	8.07	117	75060	11.473	ug/l	99

Data File : VW010777.D
Acq On : 12 Jun 2019 14:46
Operator : SY/VA
Sample : VW0612SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Quant Time: Jun 13 07:36:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107332	11.141	ug/l	98
40) Benzene	8.32	78	229541	11.102	ug/l	100
41) Methacrylonitrile	7.49	41	19380	7.764	ug/l	93
42) 1,2-Dichloroethane	8.40	62	59683	9.095	ug/l	99
43) Isopropyl Acetate	8.43	43	58790	7.246	ug/l	96
44) Trichloroethene	9.09	130	56264	11.032	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57631	10.530	ug/l	97
46) Dibromomethane	9.46	93	20799	8.182	ug/l	99
47) Bromodichloromethane	9.65	83	65911	10.002	ug/l	95
48) Methyl methacrylate	9.44	41	30076	7.688	ug/l	95
49) 1,4-Dioxane	9.45	88	5374	135.215	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	147497	35.585	ug/l	99
52) Toluene	10.39	92	139038	10.930	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	61713	8.842	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	80168	9.761	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	29924	8.171	ug/l	99
56) Ethyl methacrylate	10.65	69	43745	7.763	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59148	8.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90551	30.680	ug/l	100
59) 2-Hexanone	10.97	43	103250	34.467	ug/l	98
60) Dibromochloromethane	11.13	129	34485	8.495	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27354	7.884	ug/l	99
64) Tetrachloroethene	10.86	164	46944	11.259	ug/l	96
65) Chlorobenzene	11.66	112	136351	11.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45282	10.593	ug/l	99
67) Ethyl Benzene	11.73	91	276591	11.655	ug/l	100
68) m/p-Xylenes	11.84	106	196971	23.185	ug/l	98
69) o-Xylene	12.17	106	90070	11.179	ug/l	96
70) Styrene	12.18	104	152962	10.928	ug/l	99
71) Bromoform	12.35	173	17276	7.814	ug/l #	98
73) Isopropylbenzene	12.47	105	263800	12.426	ug/l	99
74) N-amyl acetate	12.27	43	58246	8.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	32635	8.075	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45237	15.248	ug/l #	100
77) Bromobenzene	12.75	156	51017	11.009	ug/l	98
78) n-propylbenzene	12.80	91	322311	12.591	ug/l	99
79) 2-Chlorotoluene	12.90	91	178258	12.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	216957	12.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9382	7.268	ug/l	95
82) 4-Chlorotoluene	12.99	91	183195	12.138	ug/l	99
83) tert-Butylbenzene	13.21	119	190549	12.921	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	217314	12.428	ug/l	98
85) sec-Butylbenzene	13.39	105	269133	12.534	ug/l	100
86) p-Isopropyltoluene	13.50	119	239529	12.475	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104007	11.638	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101104	11.412	ug/l	98
89) n-Butylbenzene	13.83	91	245964	12.839	ug/l	99
90) Hexachloroethane	14.10	117	41528	12.077	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	87037	10.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5518	7.951	ug/l	88

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

Data File : VW010777.D
Acq On : 12 Jun 2019 14:46
Operator : SY/VA
Sample : VW0612SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Quant Time: Jun 13 07:36:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	58988	10.459	ug/l	99
94) Hexachlorobutadiene	15.24	225	42323	11.957	ug/l	99
95) Naphthalene	15.37	128	76358	7.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	47177	9.836	ug/l	99

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

Data File : VW010777.D

Acq On : 12 Jun 2019 14:46

Operator : SY/VA

Sample : VW0612SBSD01

Misc : 5.00G/5ML/MSVOA_W/SOIL

```
ALS Vial      : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

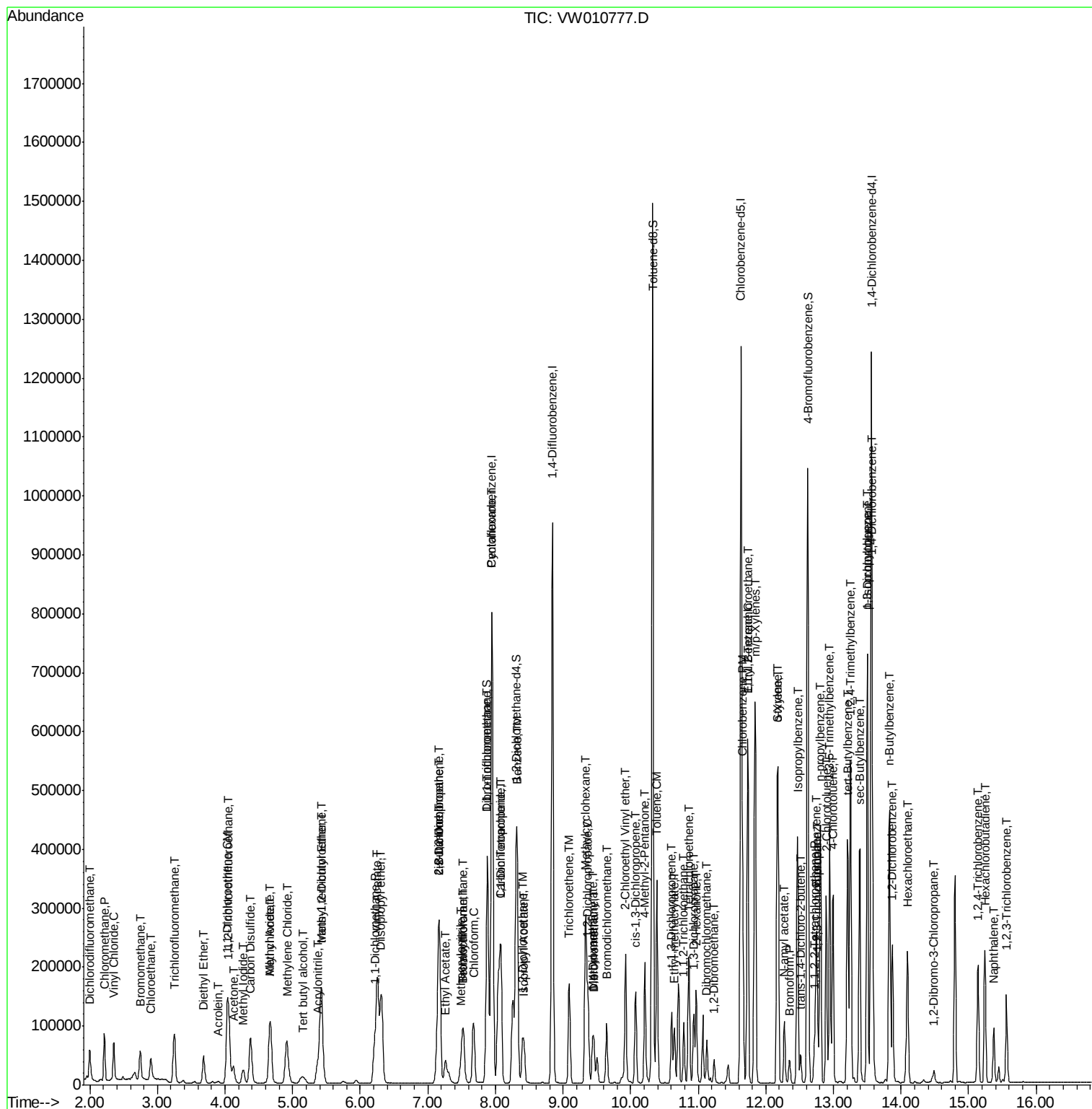
Quant Time: Jun 13 07:36:41 2019

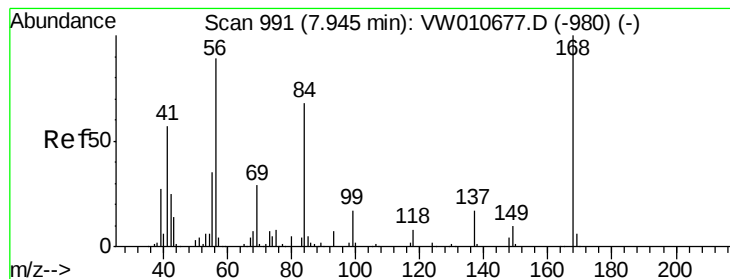
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

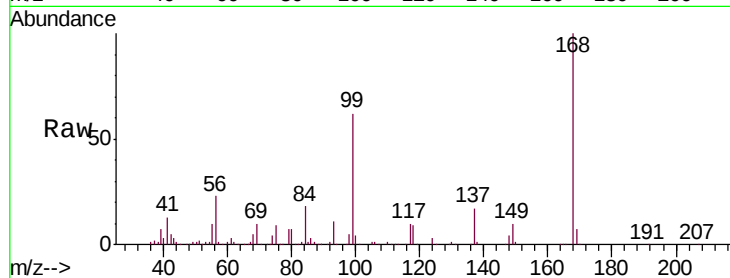
VW0612SBSD01

Tgt Ion:168 Resp: 448879

Ion Ratio Lower Upper

168 100

99 62.3 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

200000

150000

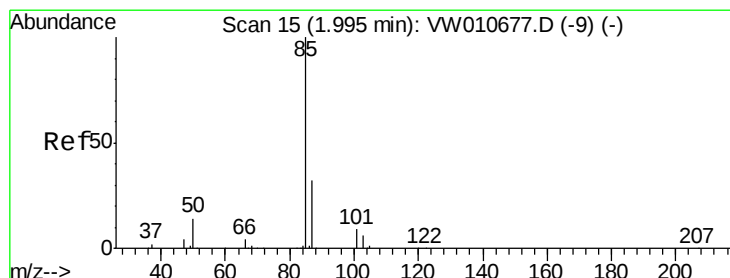
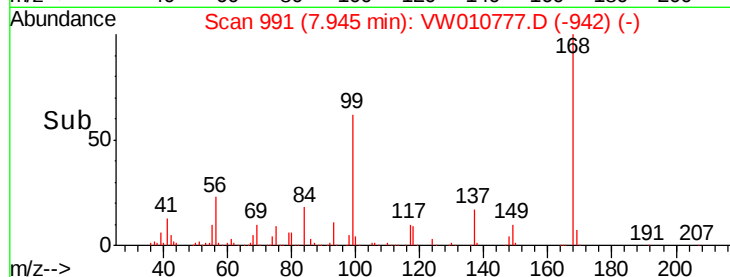
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 11.502 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010777.D

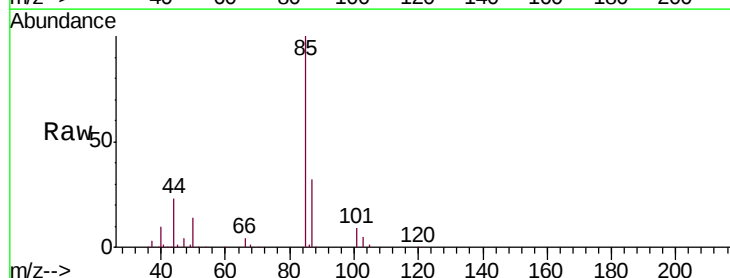
Acq: 12 Jun 2019 14:46

Tgt Ion: 85 Resp: 47713

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

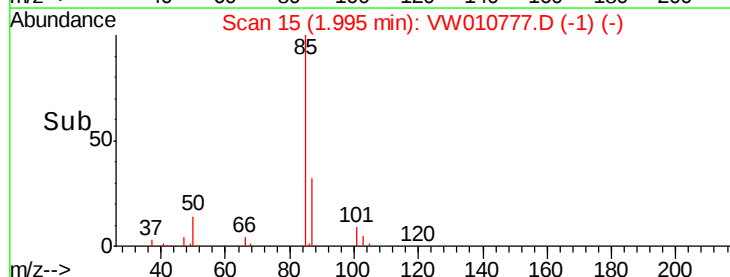
10000

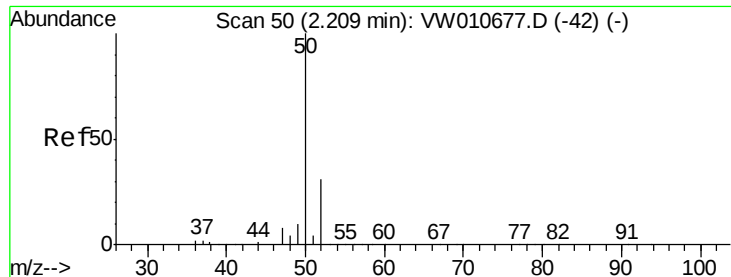
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 11.264 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

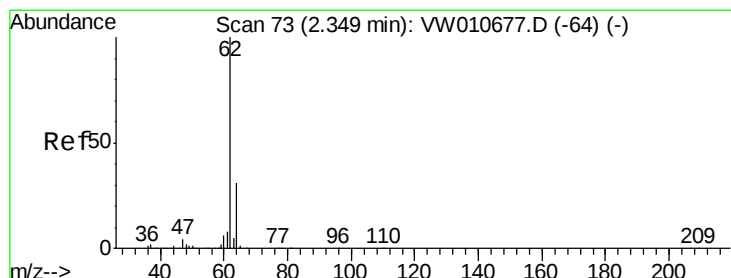
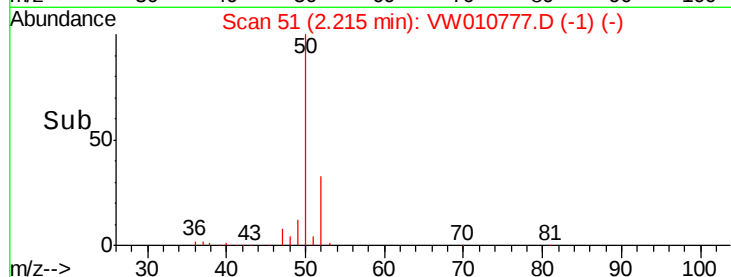
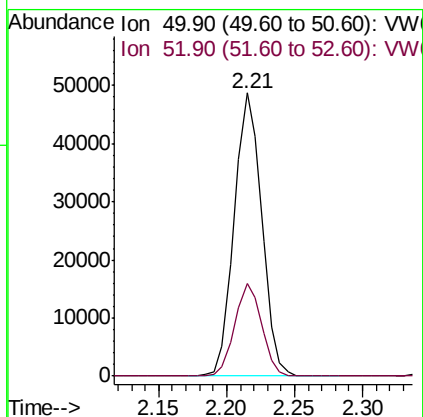
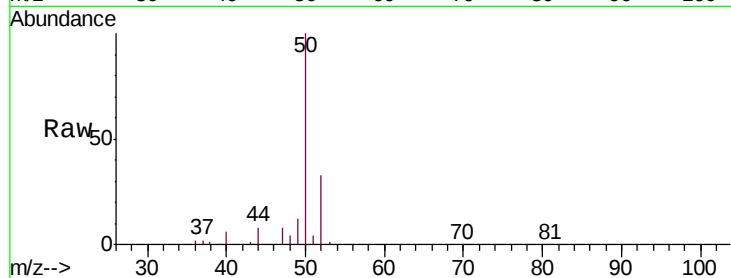
VW0612SBSD01

Tgt Ion: 50 Resp: 68745

Ion Ratio Lower Upper

50 100

52 32.6 25.2 37.8



#4

Vinyl Chloride

Concen: 11.002 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010777.D

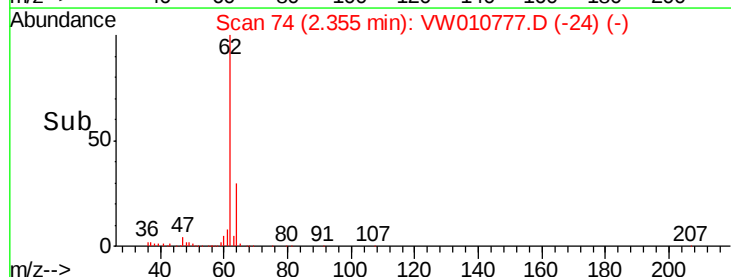
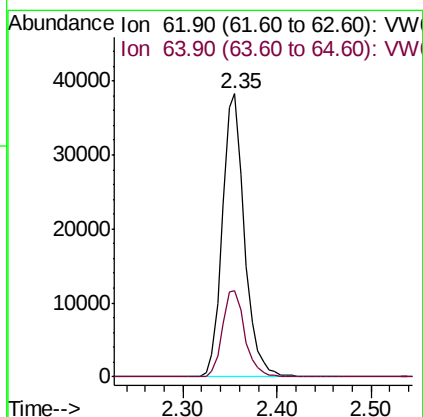
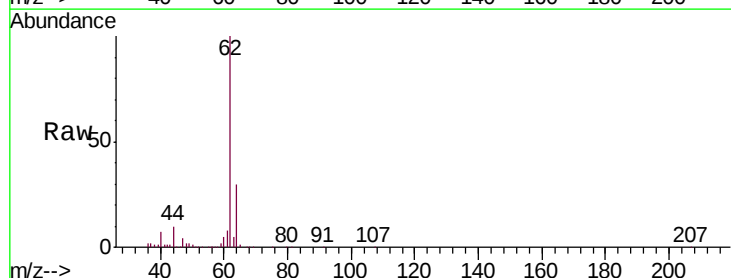
Acq: 12 Jun 2019 14:46

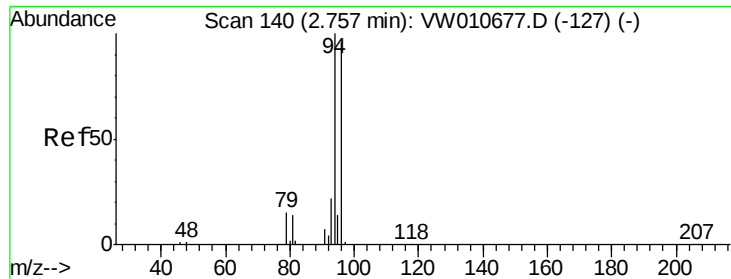
Tgt Ion: 62 Resp: 62038

Ion Ratio Lower Upper

62 100

64 30.4 24.5 36.7





#5

Bromomethane

Concen: 11.613 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

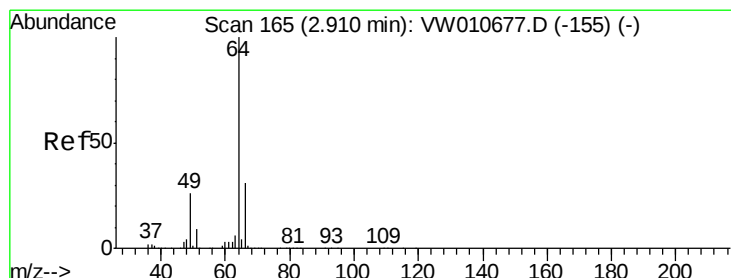
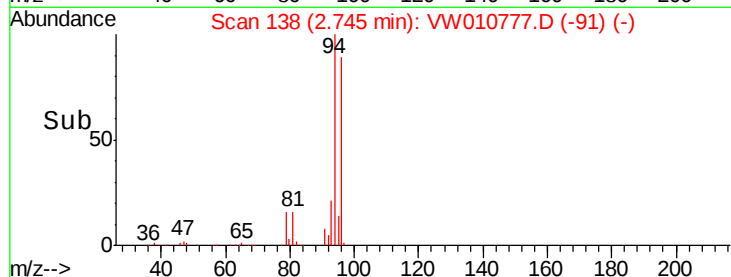
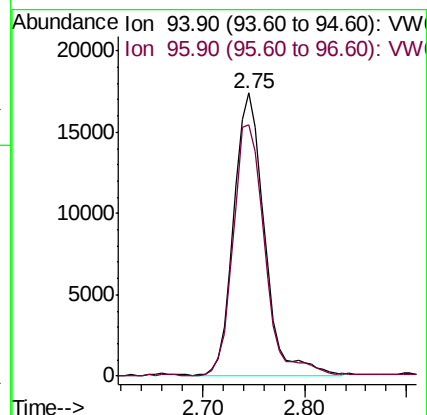
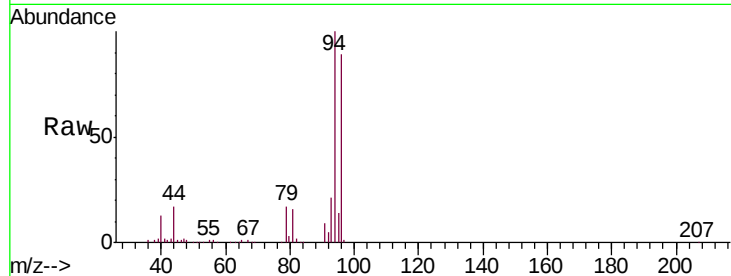
VW0612SBSD01

Tgt Ion: 94 Resp: 35959

Ion Ratio Lower Upper

94 100

96 89.3 76.5 114.7



#6

Chloroethane

Concen: 11.131 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010777.D

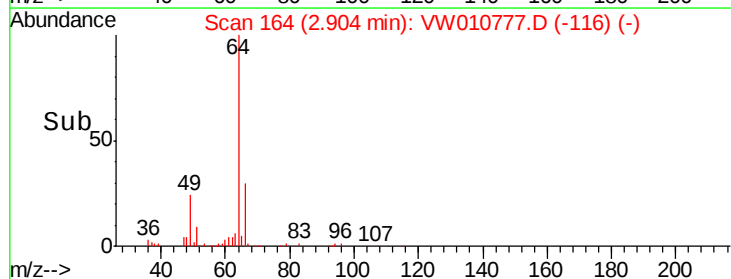
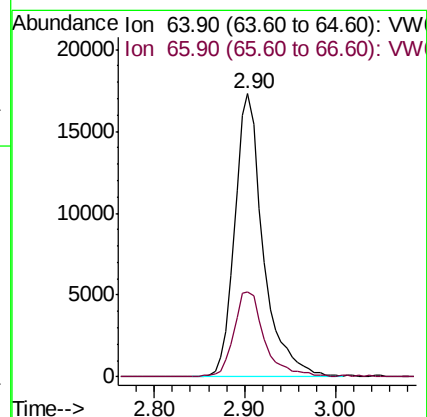
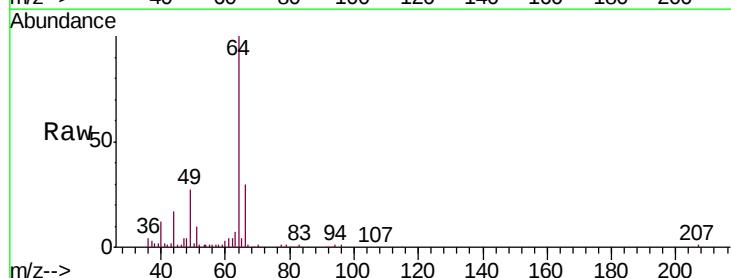
Acq: 12 Jun 2019 14:46

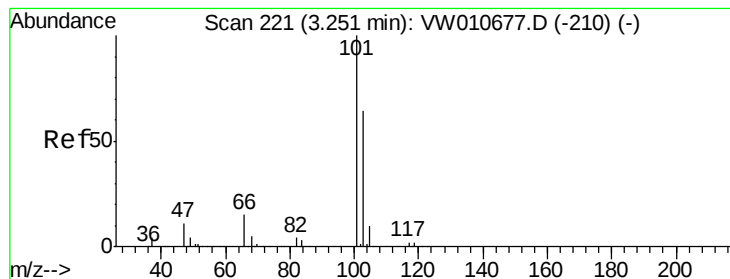
Tgt Ion: 64 Resp: 37674

Ion Ratio Lower Upper

64 100

66 29.9 25.1 37.7



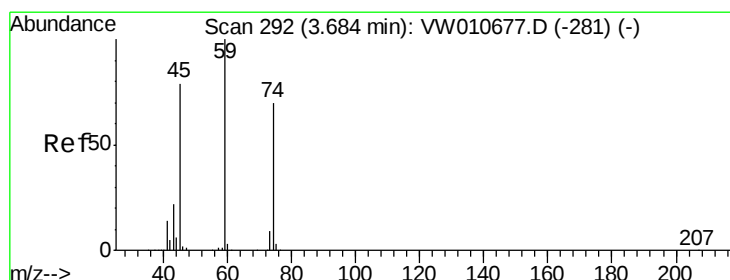
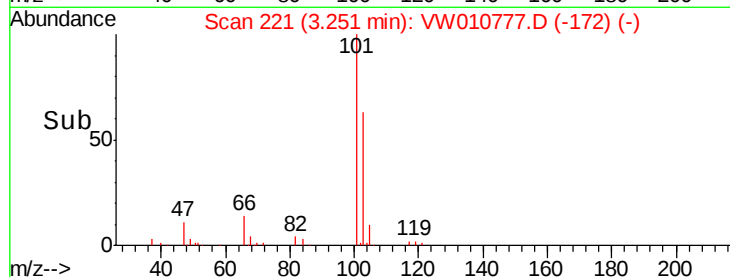
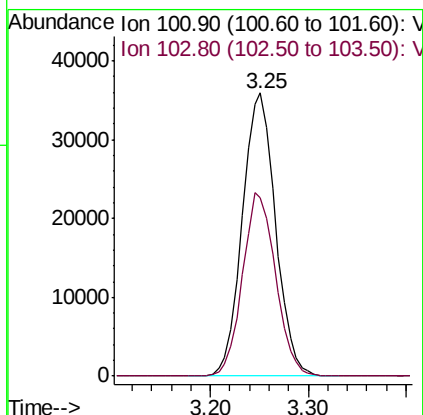
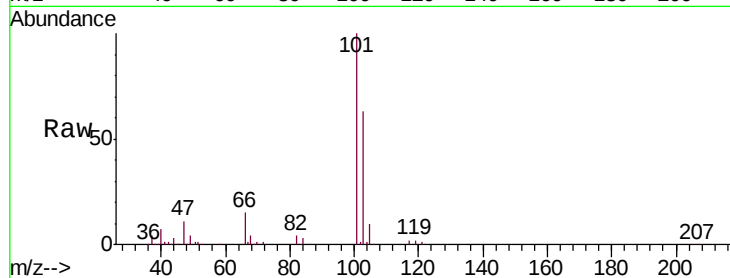


#7

Trichlorofluoromethane
 Concen: 11.535 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

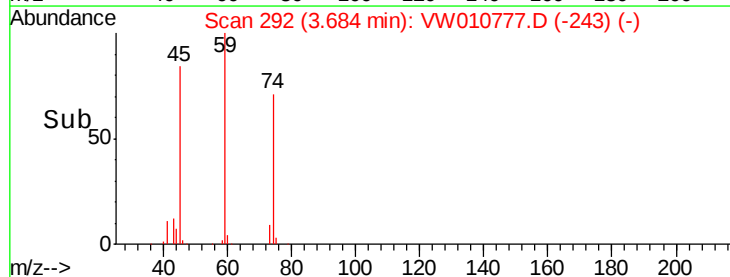
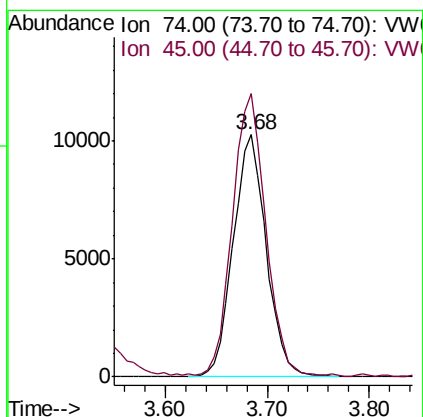
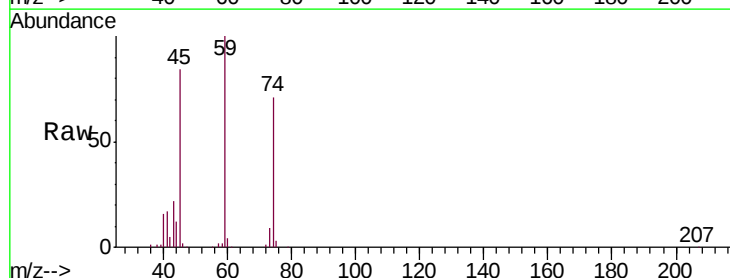
Tgt Ion:101 Resp: 84432
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.2 76.8

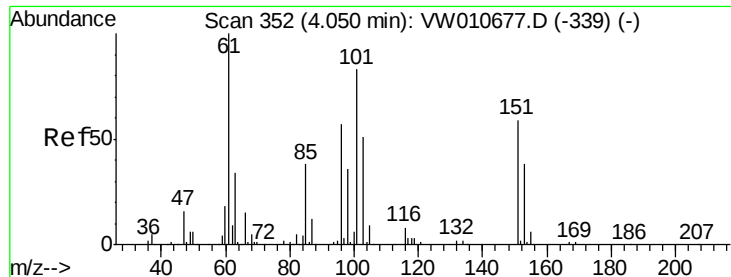


#8

Diethyl Ether
 Concen: 8.774 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 74 Resp: 22950
 Ion Ratio Lower Upper
 74 100
 45 119.2 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.452 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

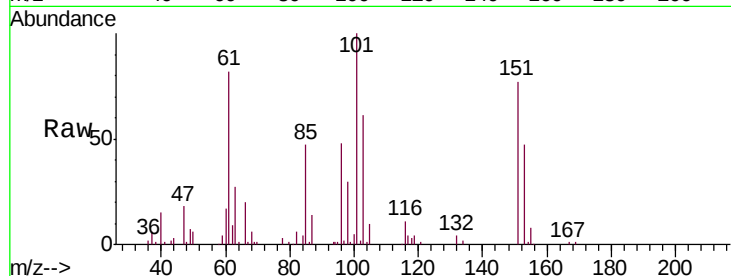
Tgt Ion:101 Resp: 51535

Ion Ratio Lower Upper

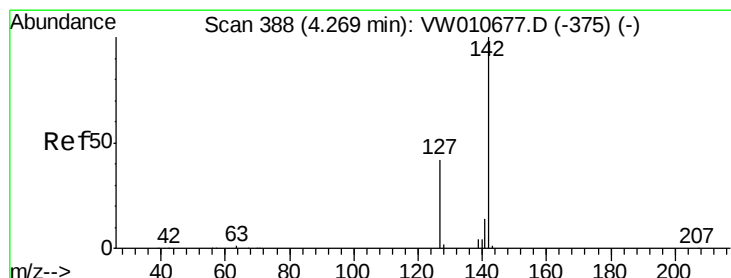
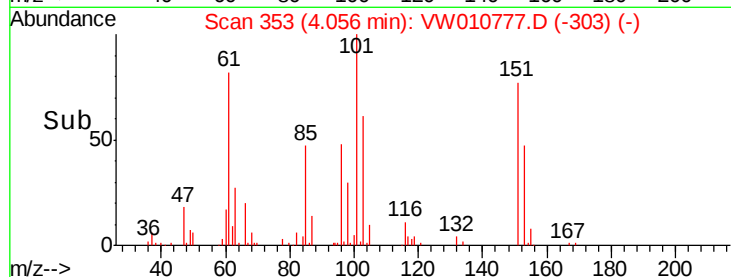
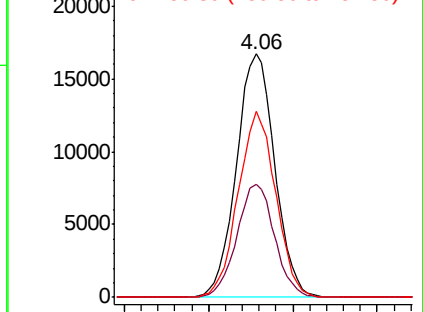
101 100

85 45.5 35.8 53.8

151 74.8 58.1 87.1



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



#10

Methyl Iodide

Concen: 12.247 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

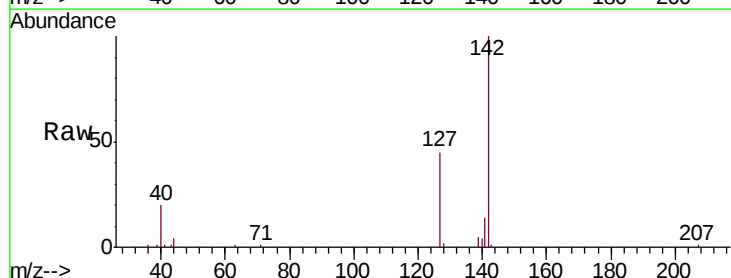
Tgt Ion:142 Resp: 38196

Ion Ratio Lower Upper

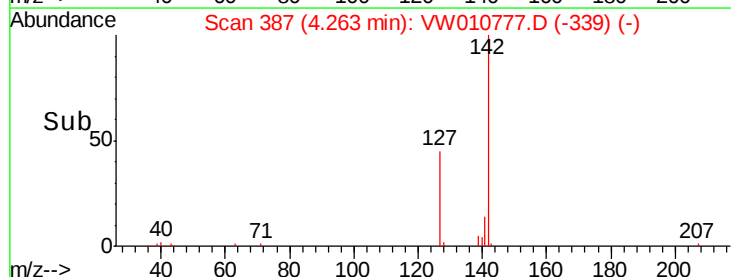
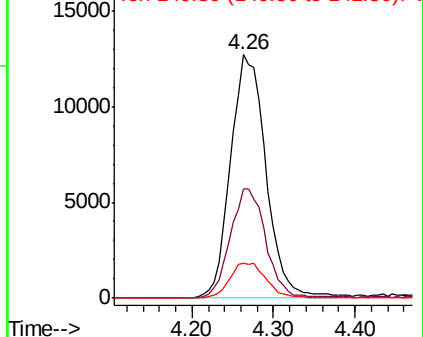
142 100

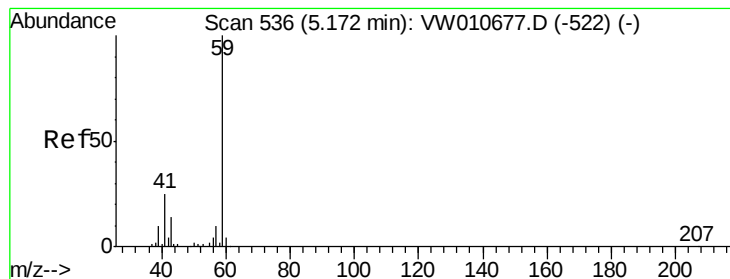
127 44.9 34.6 51.8

141 14.8 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: 52.894 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

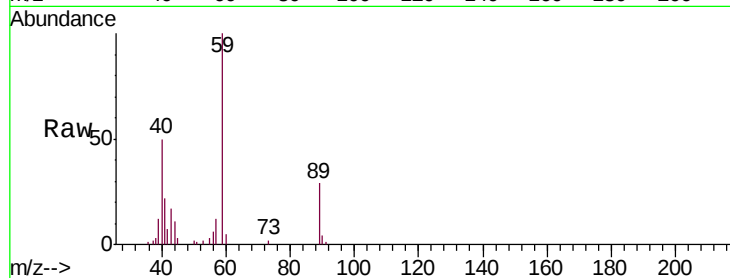
VW0612SBSD01

Tgt Ion: 59 Resp: 22799

Ion Ratio Lower Upper

59 100

57 8.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

4000

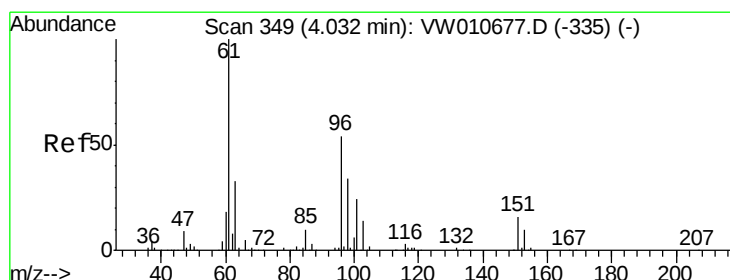
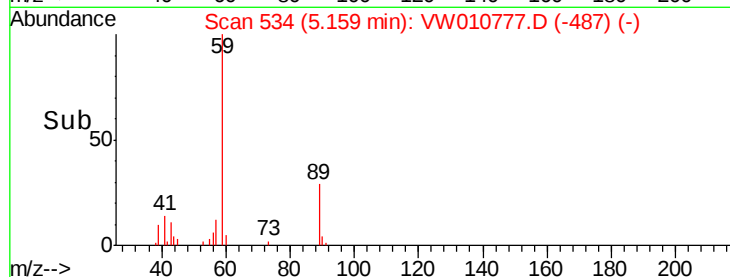
3000

2000

1000

0

Time-->



#12

1,1-Dichloroethene

Concen: 11.259 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

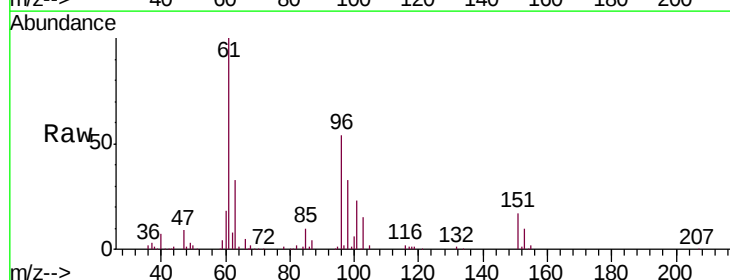
Tgt Ion: 96 Resp: 48873

Ion Ratio Lower Upper

96 100

61 183.9 149.1 223.7

98 60.8 51.1 76.7



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

40000

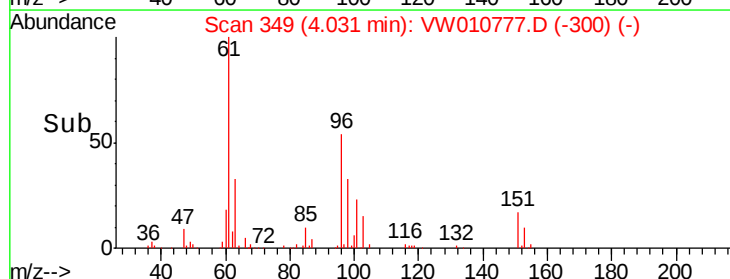
30000

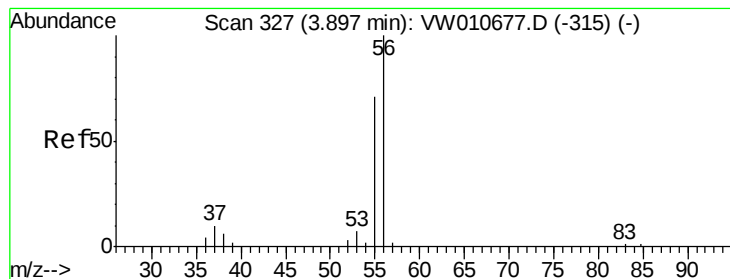
20000

10000

0

Time-->





#13

Acrolein

Concen: 22.909 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

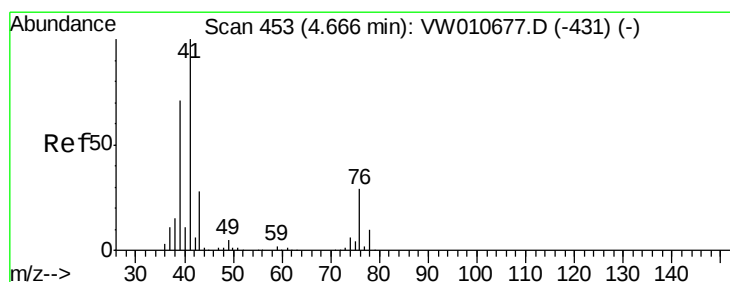
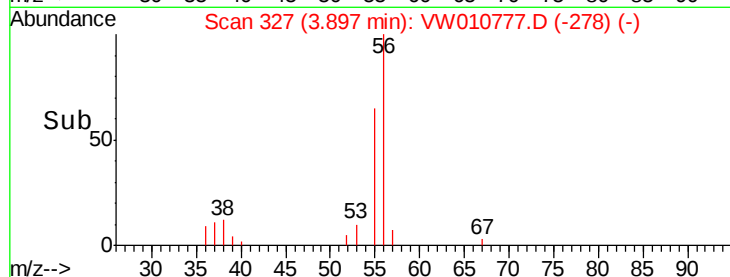
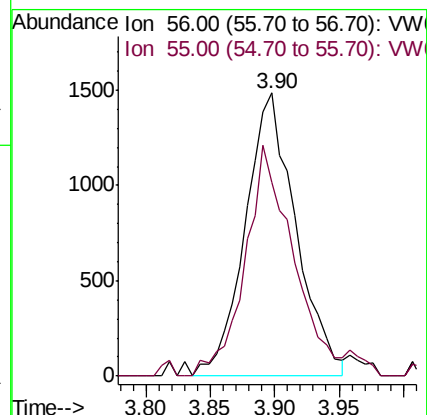
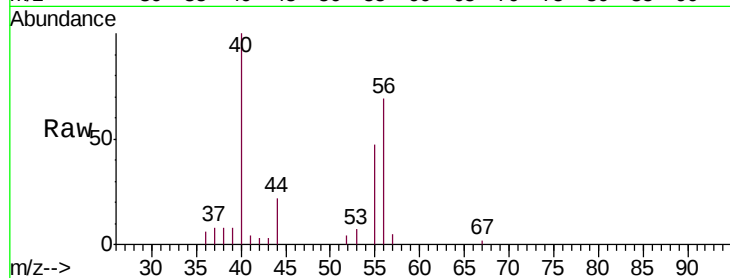
VW0612SBSD01

Tgt Ion: 56 Resp: 4035

Ion Ratio Lower Upper

56 100

55 77.4 57.6 86.4



#14

Allyl chloride

Concen: 11.054 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

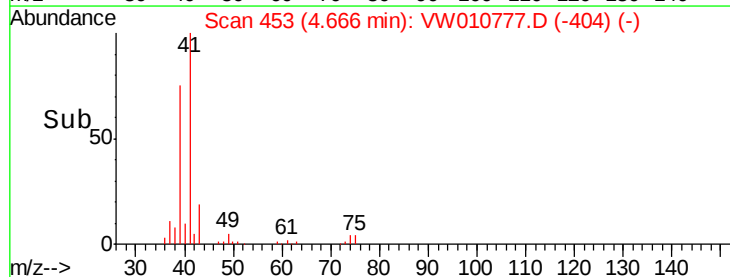
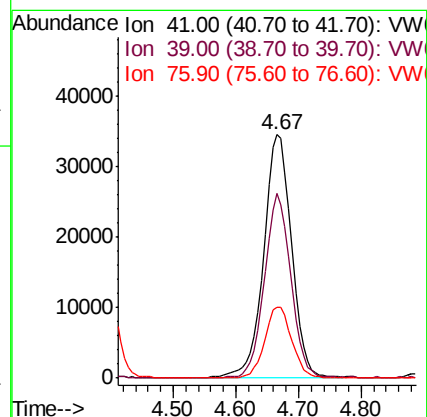
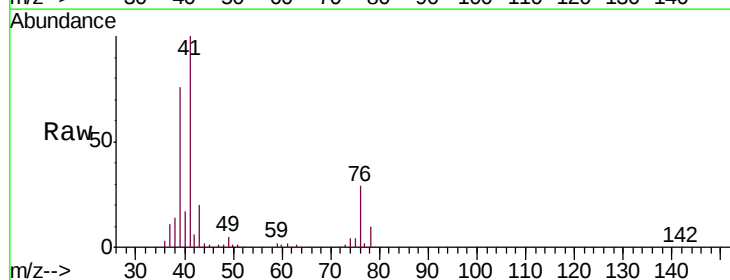
Tgt Ion: 41 Resp: 105803

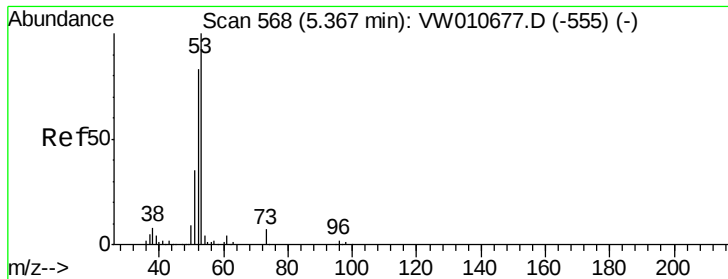
Ion Ratio Lower Upper

41 100

39 72.5 55.8 83.6

76 28.3 22.7 34.1





#15

Acrylonitrile

Concen: 33.869 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

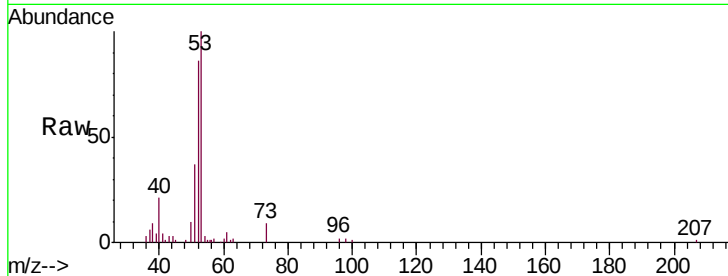
Tgt Ion: 53 Resp: 43040

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

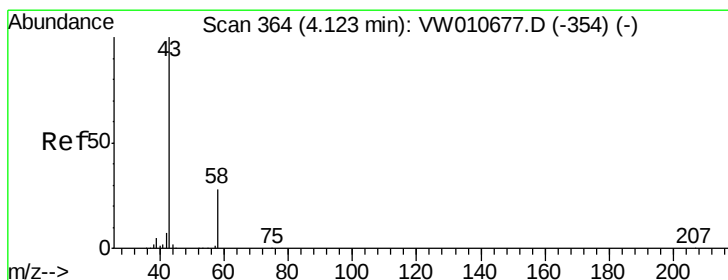
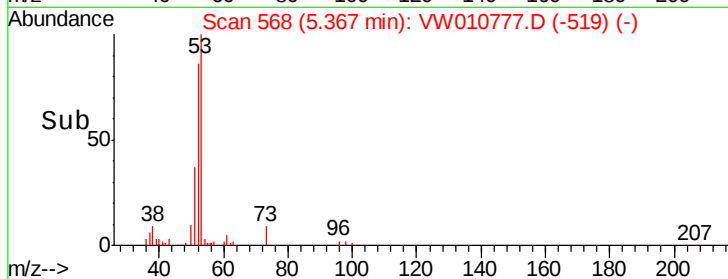
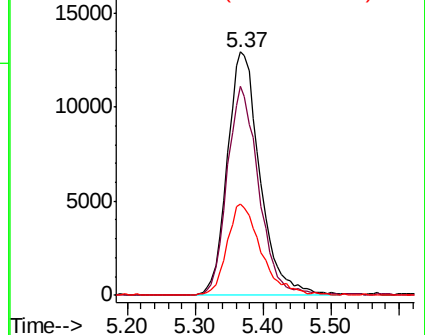
51 39.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 35.491 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010777.D

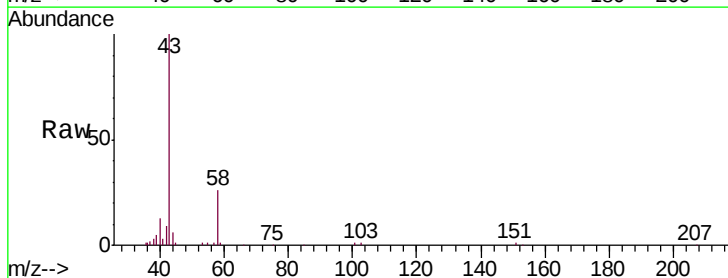
Acq: 12 Jun 2019 14:46

Tgt Ion: 43 Resp: 50314

Ion Ratio Lower Upper

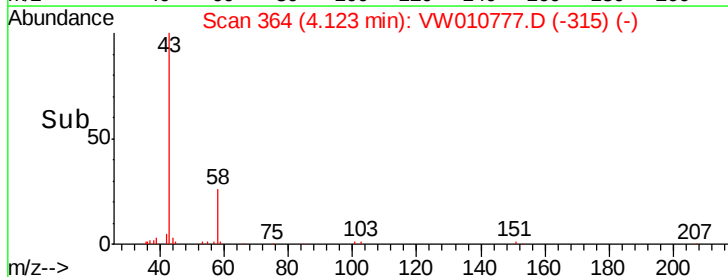
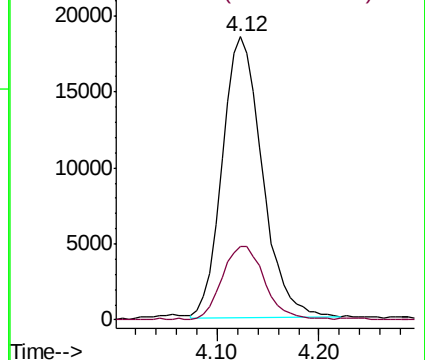
43 100

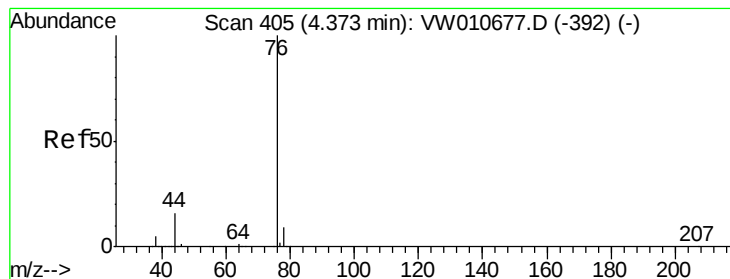
58 25.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 10.793 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

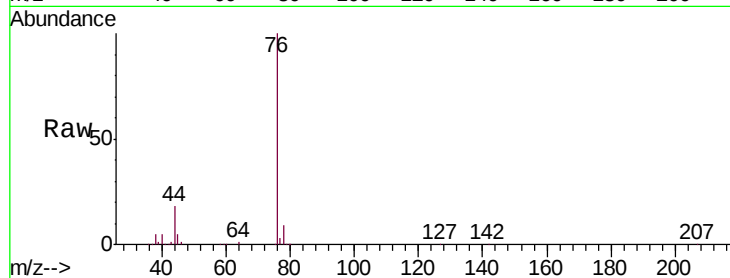
VW0612SBSD01

Tgt Ion: 76 Resp: 148727

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

60000

50000

40000

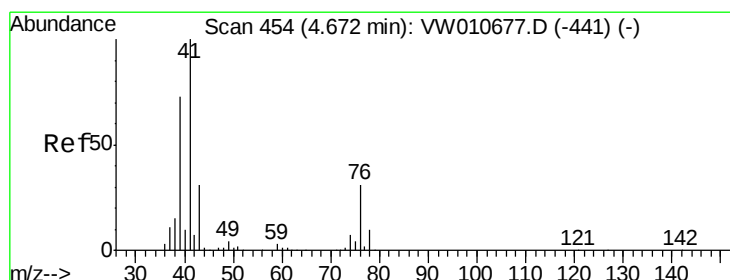
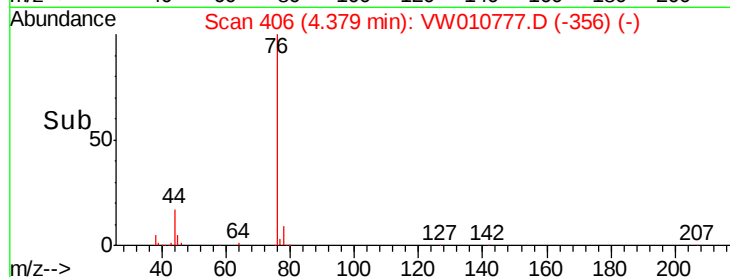
30000

20000

10000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 7.308 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010777.D

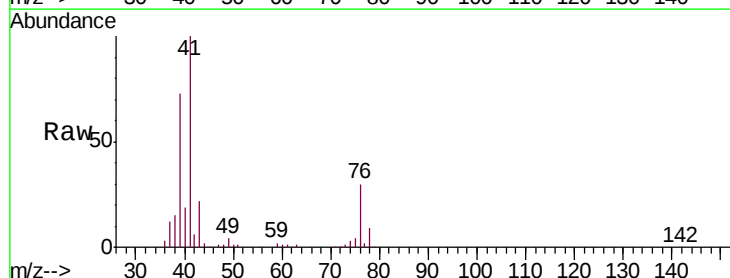
Acq: 12 Jun 2019 14:46

Tgt Ion: 43 Resp: 22302

Ion Ratio Lower Upper

43 100

74 19.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

8000

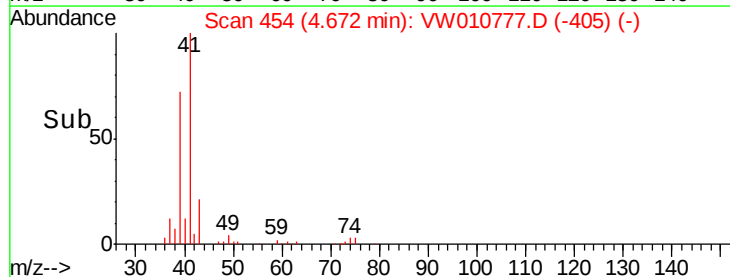
6000

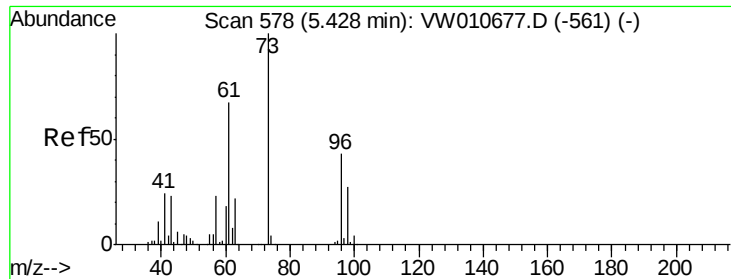
4000

2000

0

Time--> 4.50 4.60 4.70 4.80

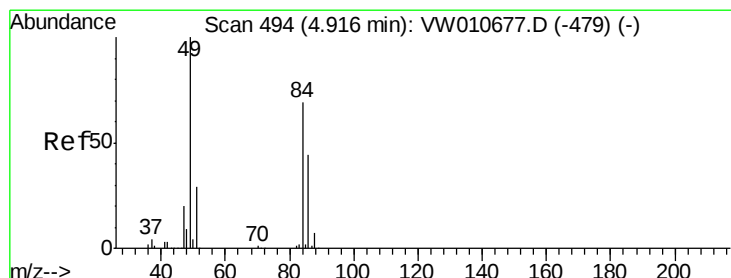
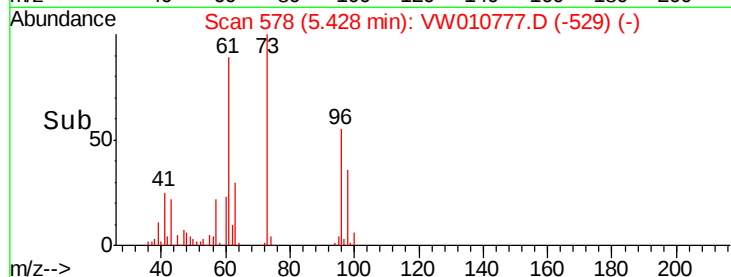
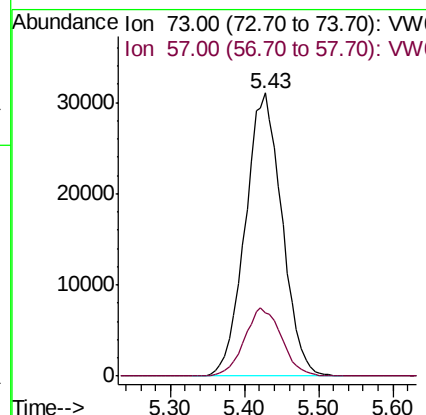
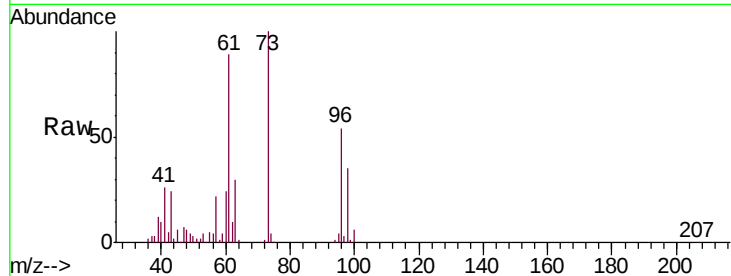




#19
Methyl tert-butyl Ether
Concen: 8.569 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

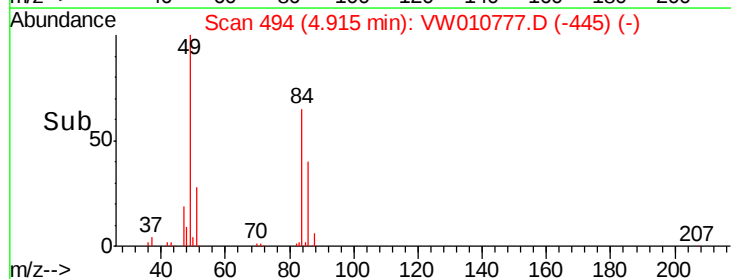
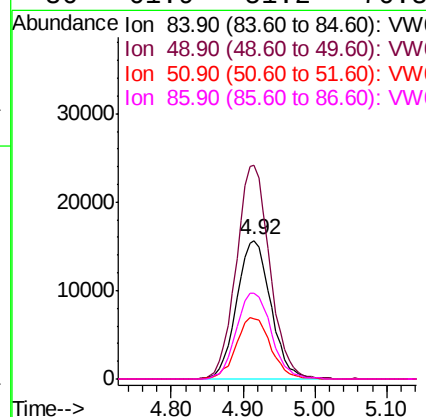
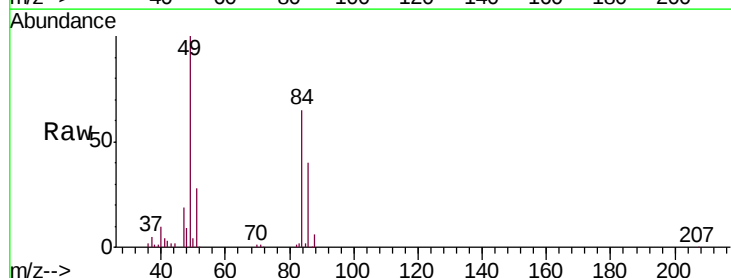
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

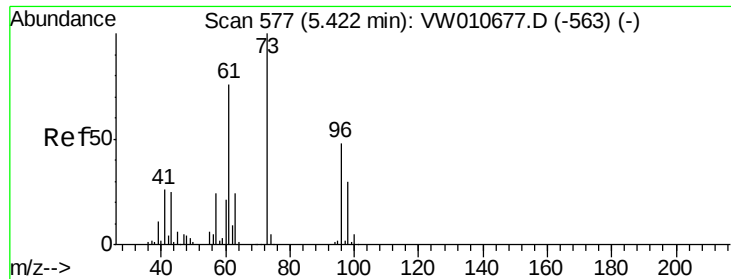
Tgt Ion: 73 Resp: 107285
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 10.378 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 84 Resp: 51612
Ion Ratio Lower Upper
84 100
49 154.0 116.7 175.1
51 43.3 34.2 51.2
86 61.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 11.171 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

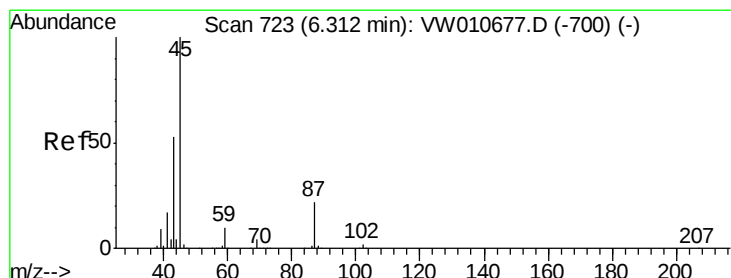
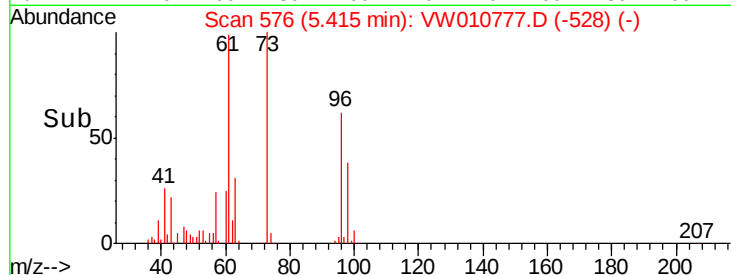
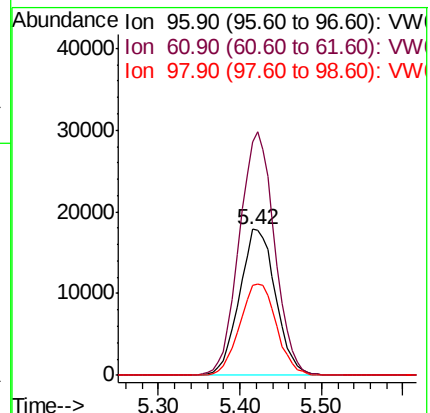
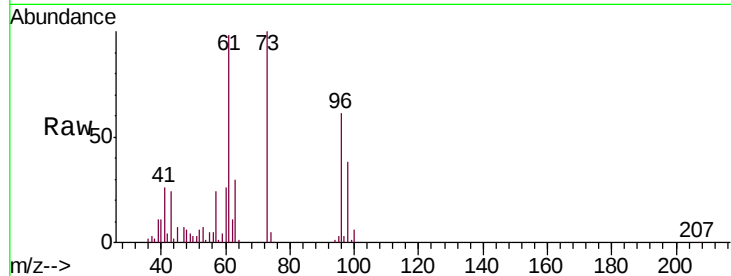
Tgt Ion: 96 Resp: 55050

Ion Ratio Lower Upper

96 100

61 160.4 126.0 189.0

98 61.8 49.6 74.4



#22

Diisopropyl ether

Concen: 10.656 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Tgt Ion: 45 Resp: 204186

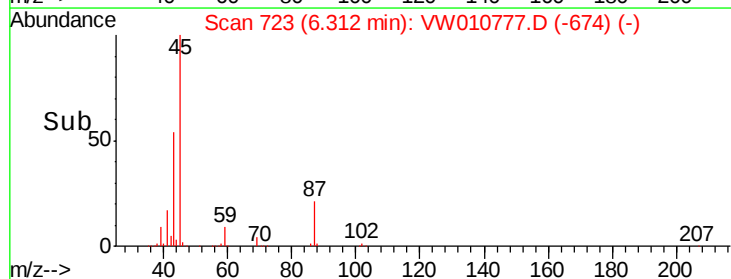
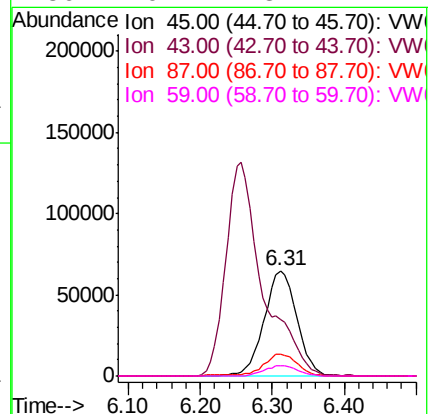
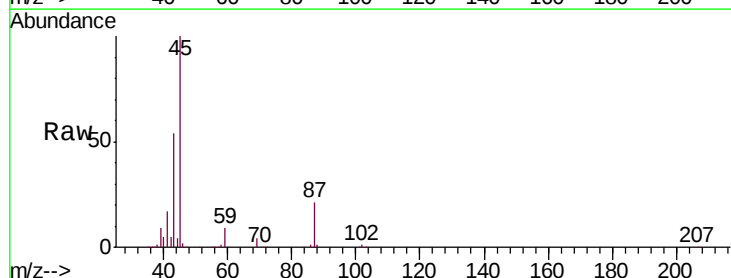
Ion Ratio Lower Upper

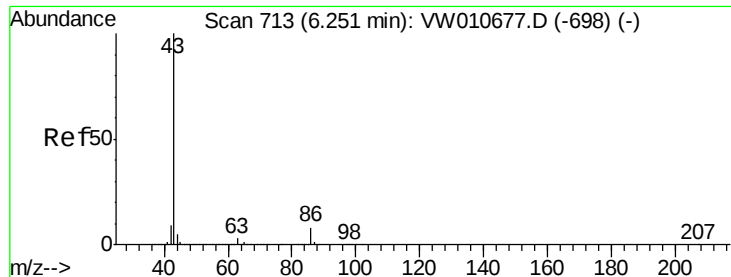
45 100

43 53.6 42.5 63.7

87 21.1 17.4 26.2

59 9.2 8.1 12.1





#23

Vinyl Acetate

Concen: 40.493 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

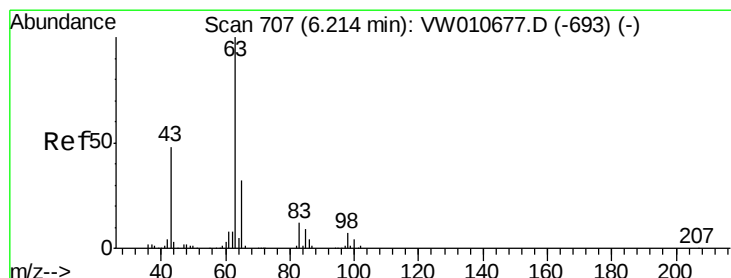
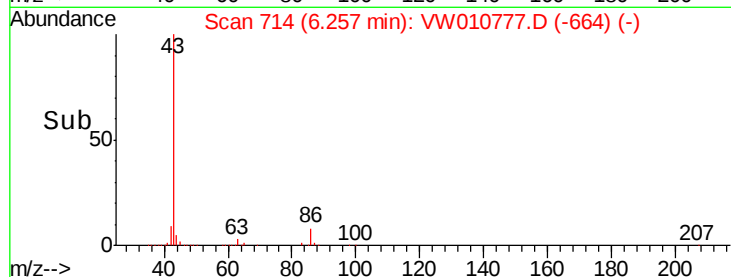
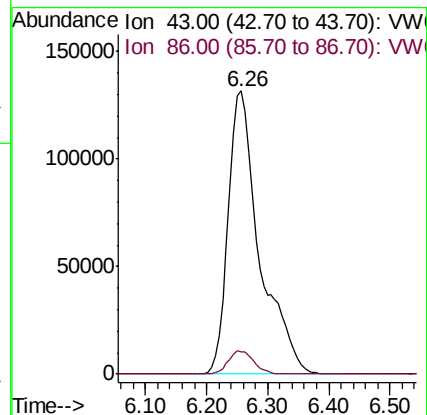
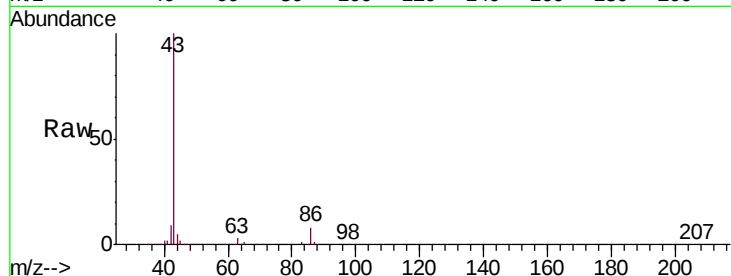
VW0612SBSD01

Tgt Ion: 43 Resp: 468279

Ion Ratio Lower Upper

43 100

86 8.0 6.6 10.0



#24

1,1-Dichloroethane

Concen: 11.246 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

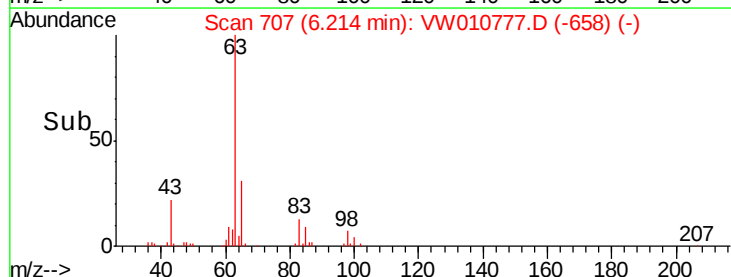
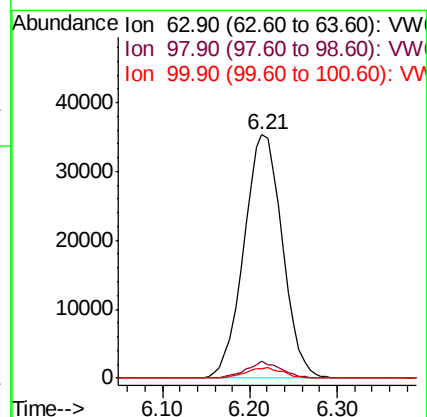
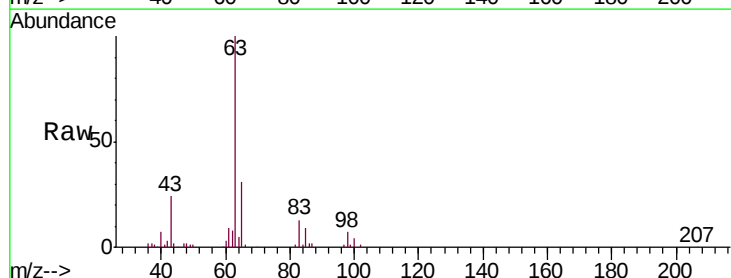
Tgt Ion: 63 Resp: 107995

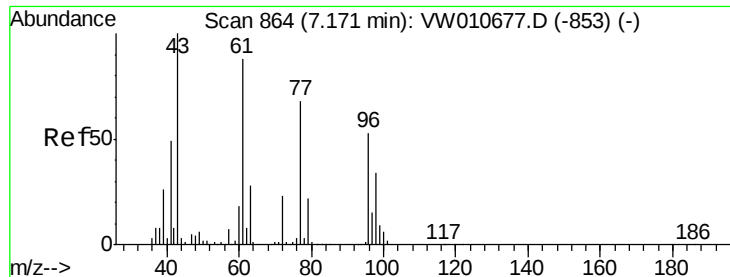
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 36.191 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

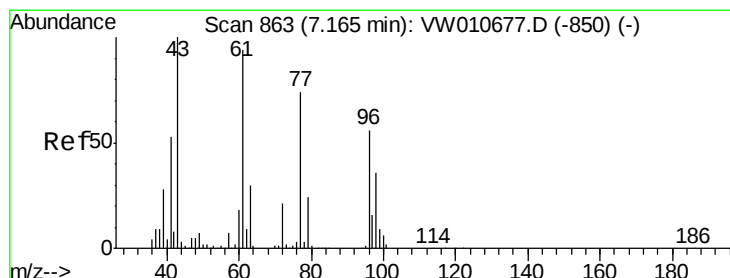
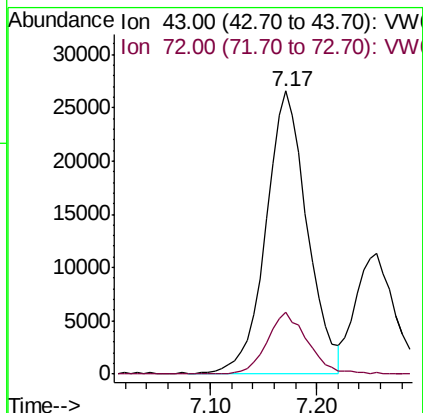
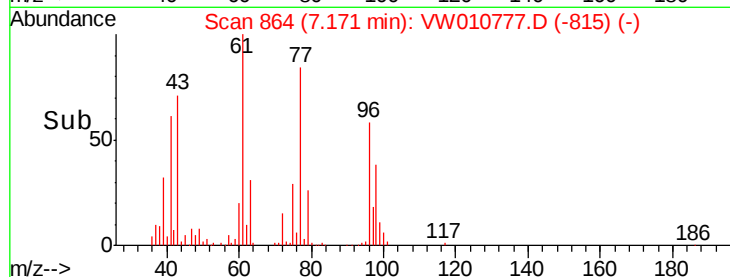
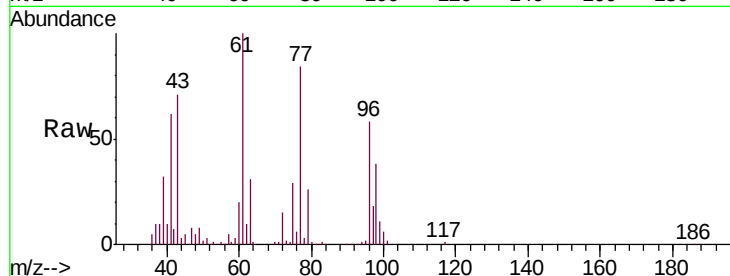
VW0612SBS01

Tgt Ion: 43 Resp: 71144

Ion Ratio Lower Upper

43 100

72 21.8 18.1 27.1



#26

2,2-Dichloropropane

Concen: 12.537 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010777.D

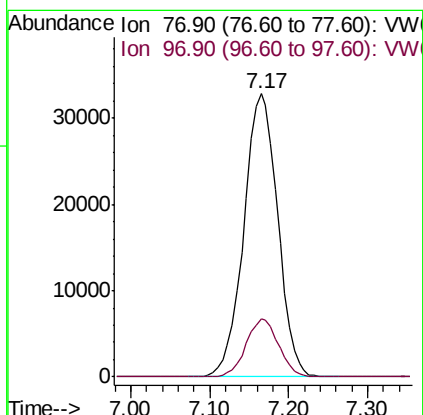
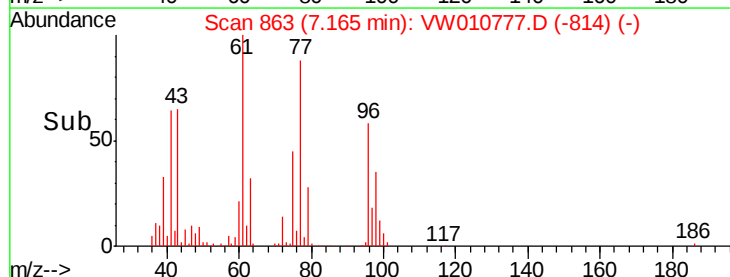
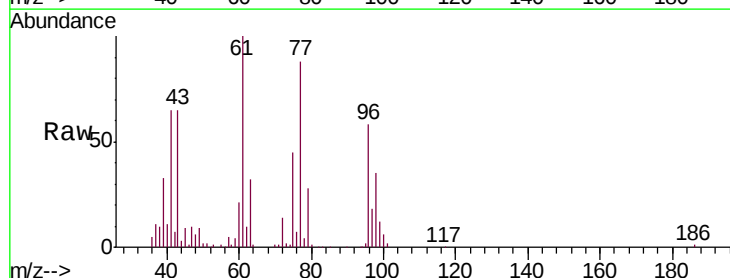
Acq: 12 Jun 2019 14:46

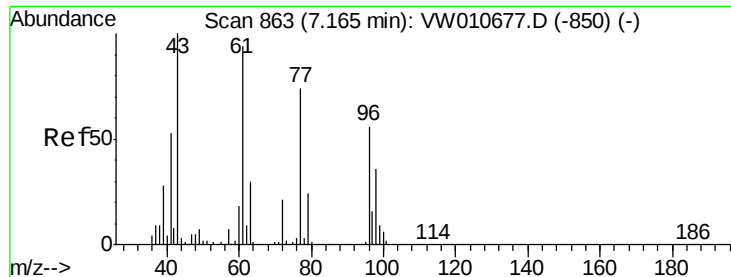
Tgt Ion: 77 Resp: 97972

Ion Ratio Lower Upper

77 100

97 19.6 10.5 31.6

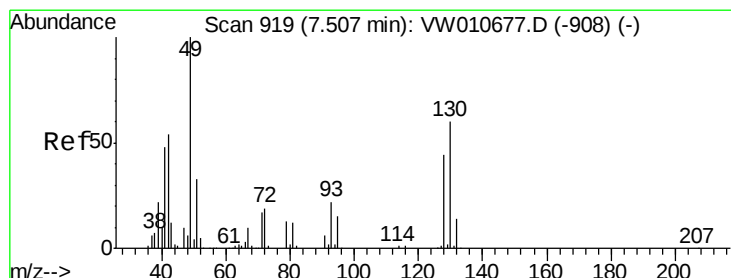
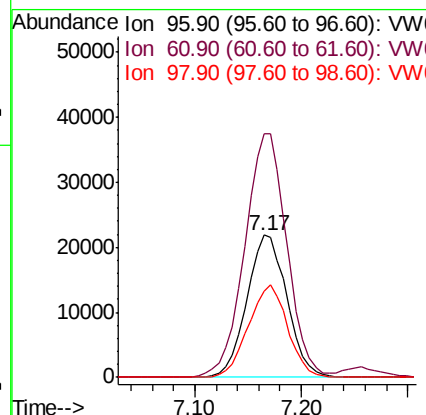
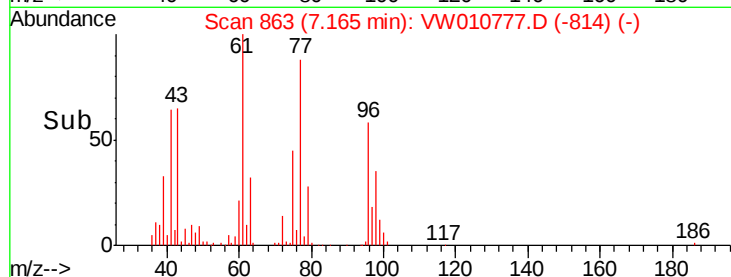
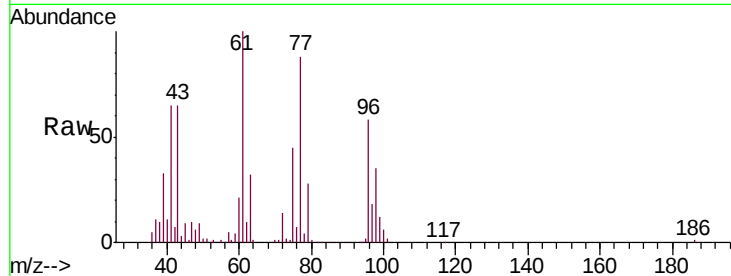




#27
 cis-1,2-Dichloroethene
 Concen: 10.654 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

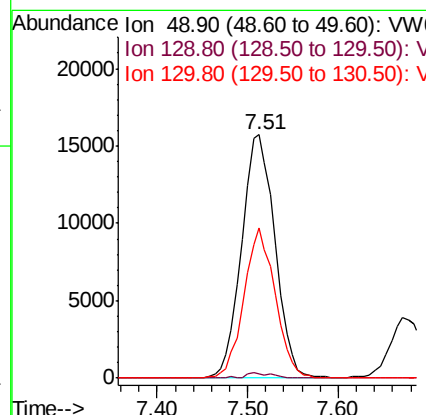
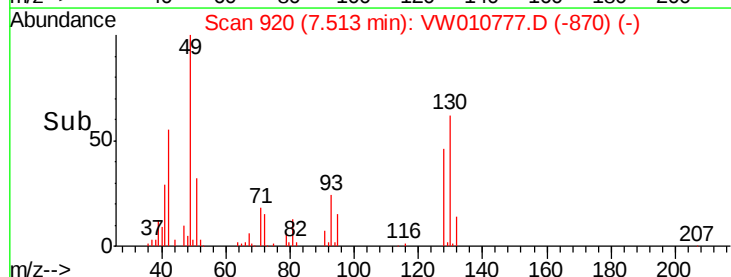
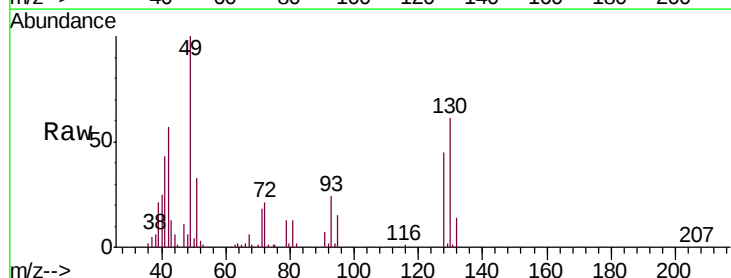
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

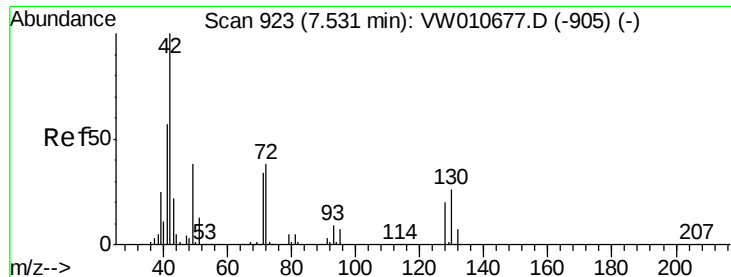
Tgt Ion: 96 Resp: 57779
 Ion Ratio Lower Upper
 96 100
 61 179.2 0.0 336.4
 98 63.5 0.0 128.0



#28
 Bromochloromethane
 Concen: 9.364 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 49 Resp: 40130
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 57.7 48.3 72.5

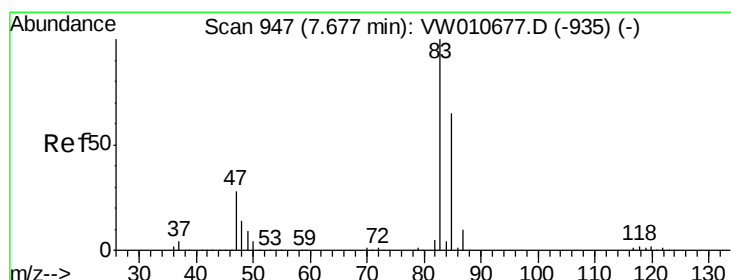
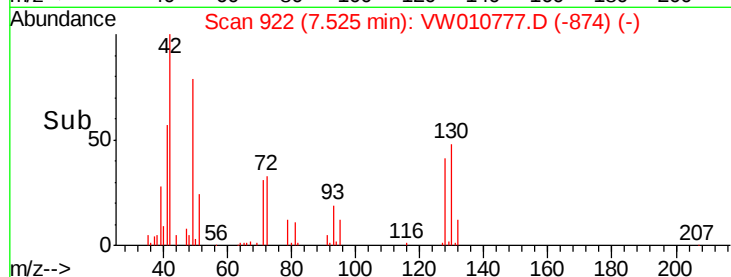
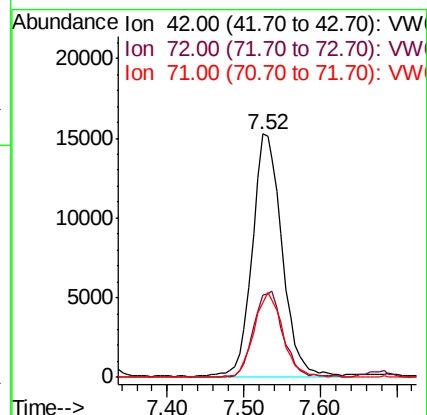
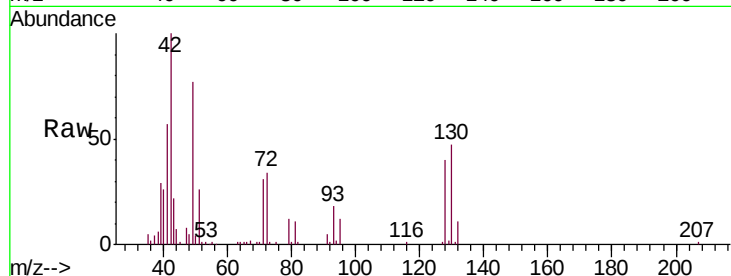




#29
Tetrahydrofuran
Concen: 33.305 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

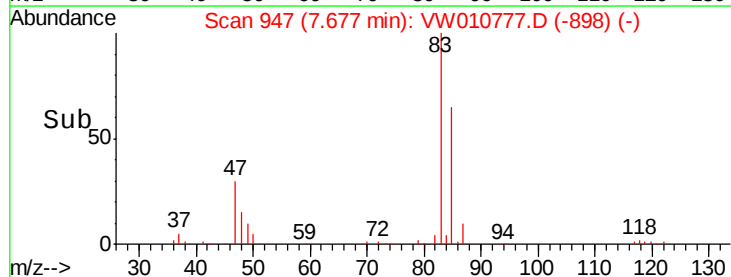
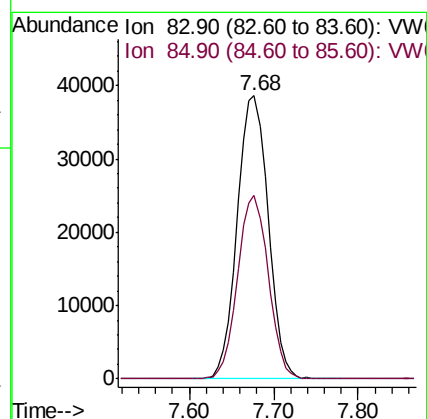
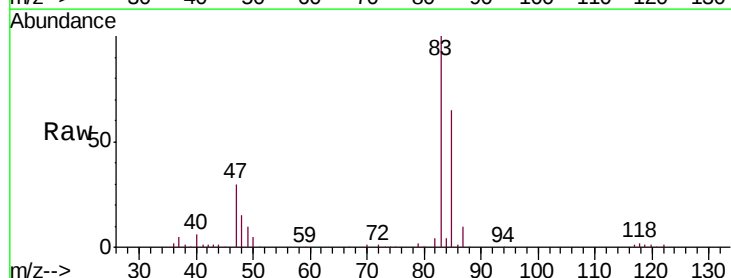
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

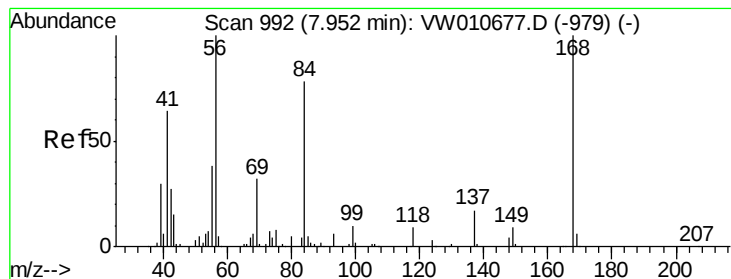
Tgt Ion: 42 Resp: 41181
Ion Ratio Lower Upper
42 100
72 35.3 28.7 43.1
71 34.2 26.6 39.8



#30
Chloroform
Concen: 10.931 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 83 Resp: 96016
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8





#31

Cyclohexane

Concen: 11.755 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

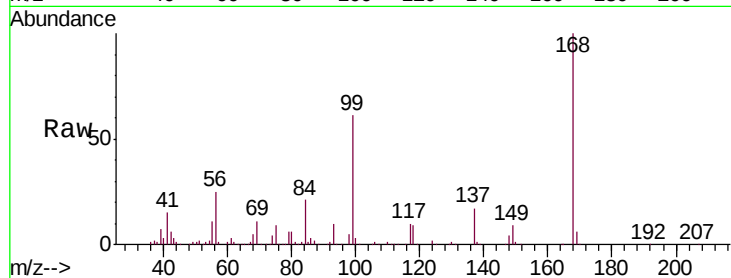
Tgt Ion: 56 Resp: 125484

Ion Ratio Lower Upper

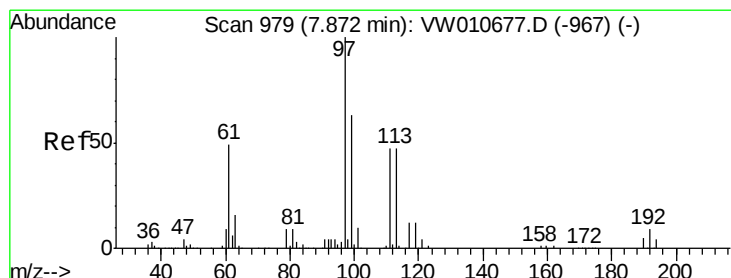
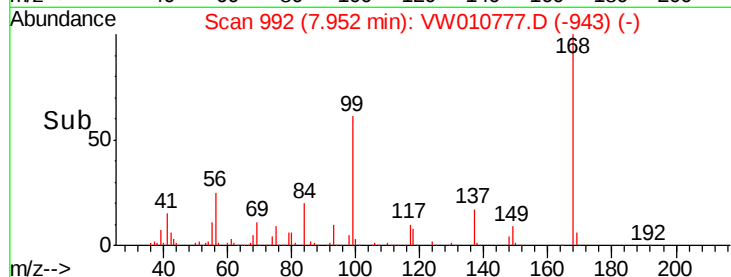
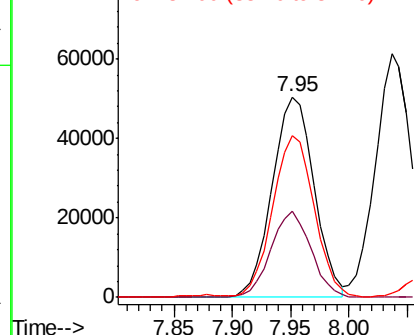
56 100

69 42.9 25.2 37.8#

84 79.8 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: 11.536 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

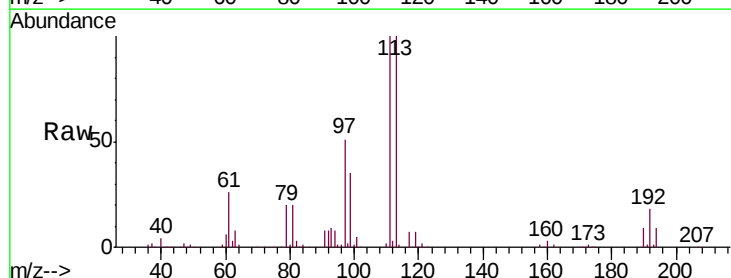
Tgt Ion: 97 Resp: 88513

Ion Ratio Lower Upper

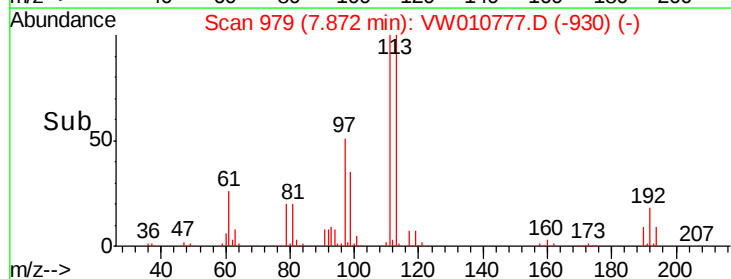
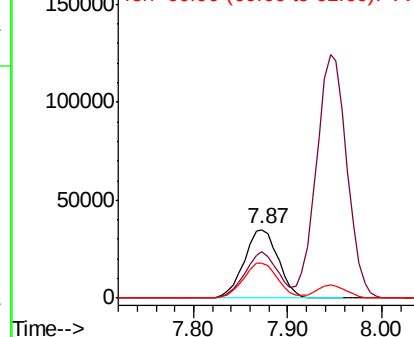
97 100

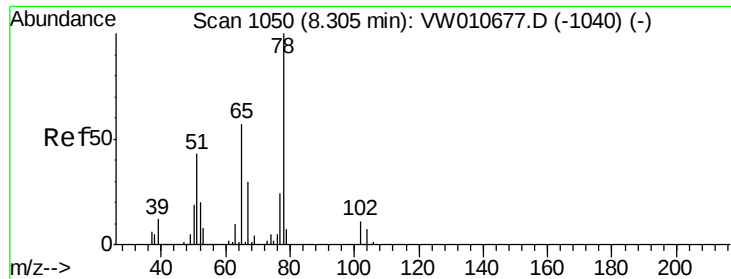
99 64.3 51.3 76.9

61 51.6 40.4 60.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

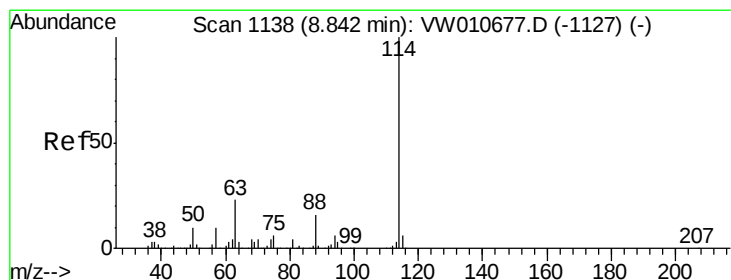
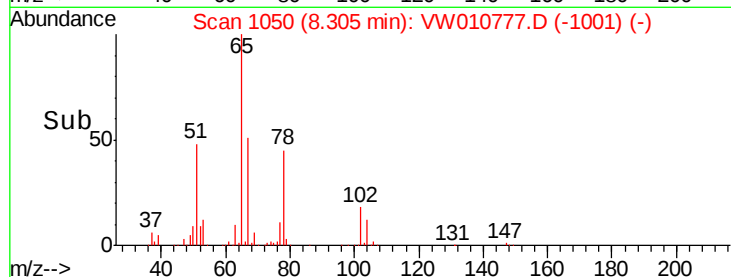
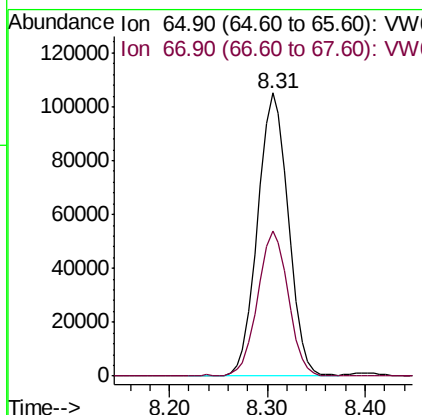
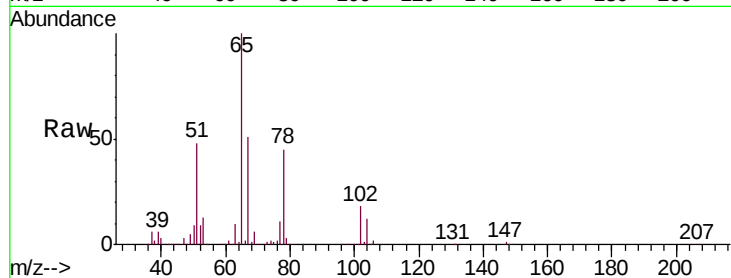




#33
 1,2-Dichloroethane-d4
 Concen: 43.326 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

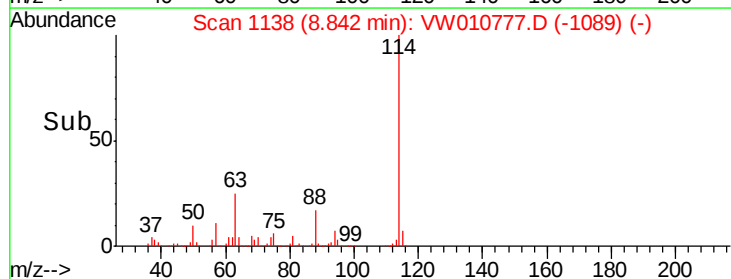
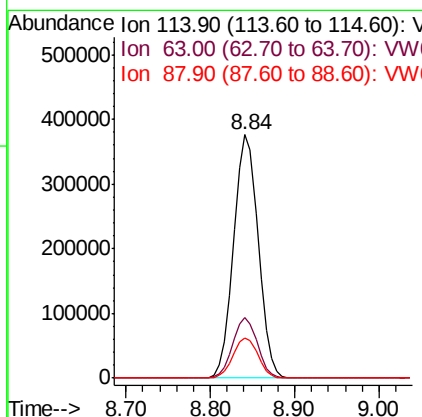
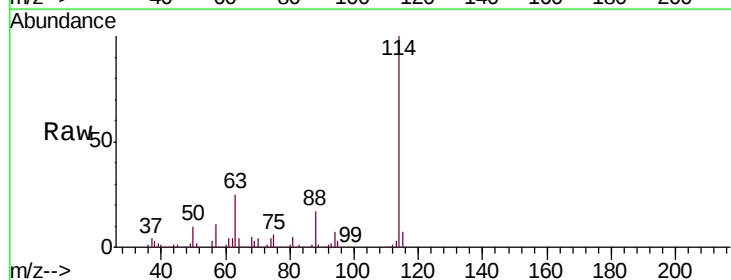
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

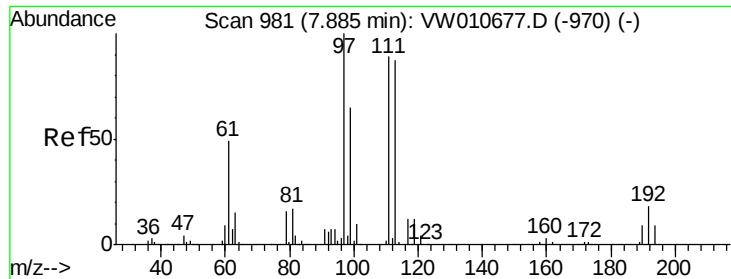
Tgt Ion: 65 Resp: 229229
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 114 Resp: 740388
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.4
 88 16.7 0.0 32.2

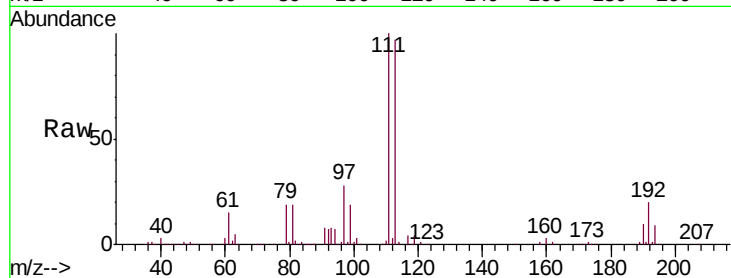




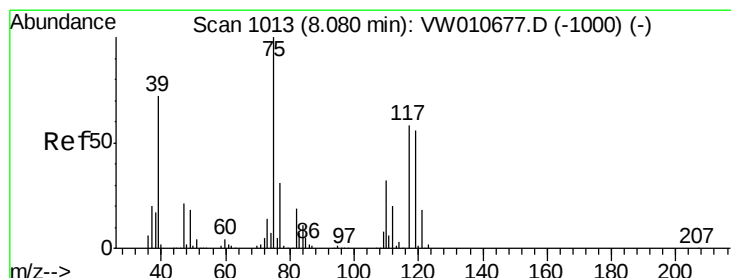
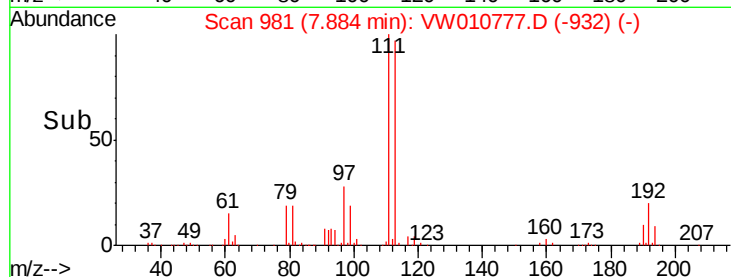
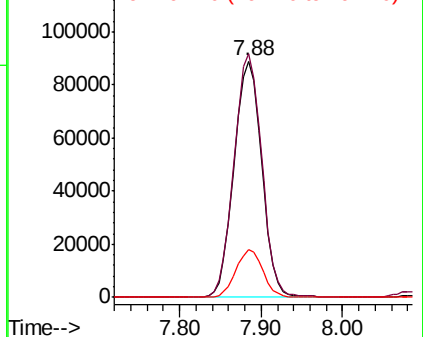
#35
Dibromofluoromethane
Concen: 51.950 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion: 113 Resp: 208769
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.8 16.4 24.6

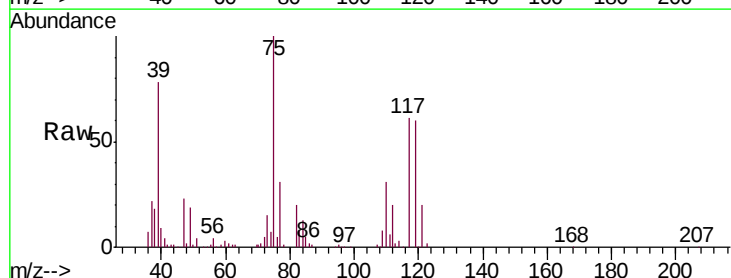


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

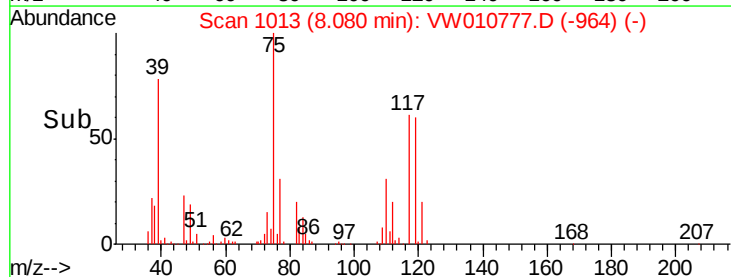
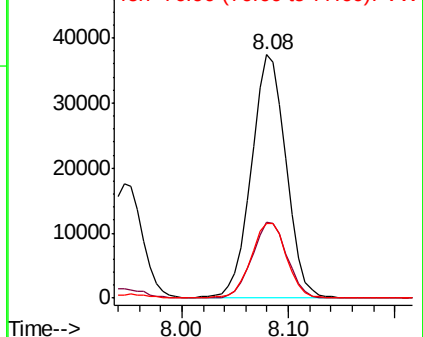


#36
1,1-Dichloropropene
Concen: 11.220 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 75 Resp: 85035
Ion Ratio Lower Upper
75 100
110 31.5 15.8 47.3
77 31.8 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

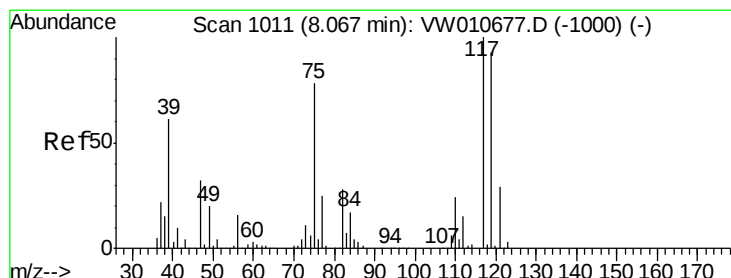
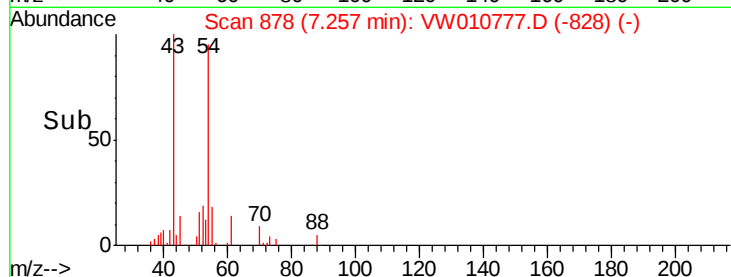
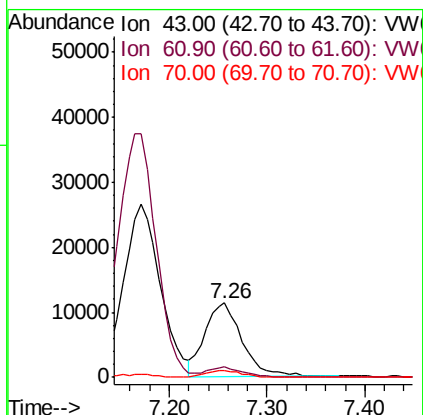
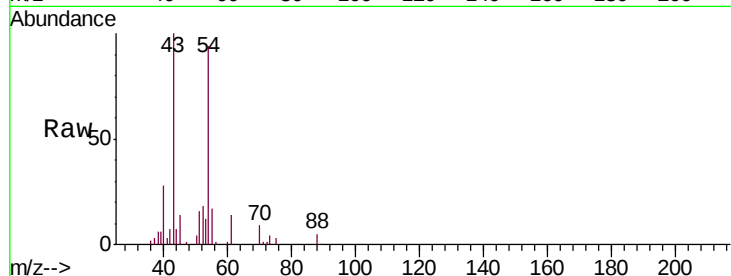




#37
 Ethyl Acetate
 Concen: 7.087 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

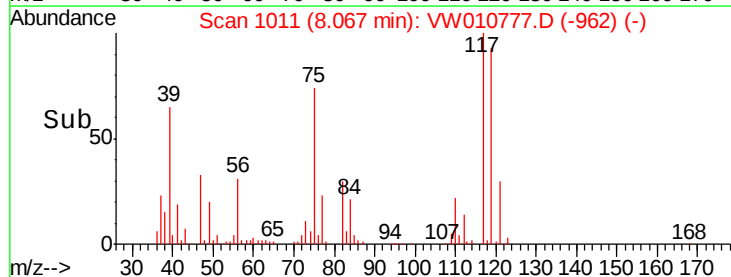
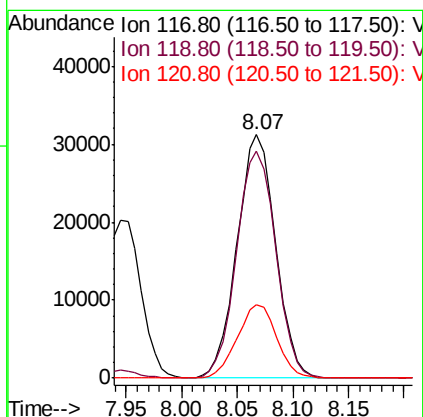
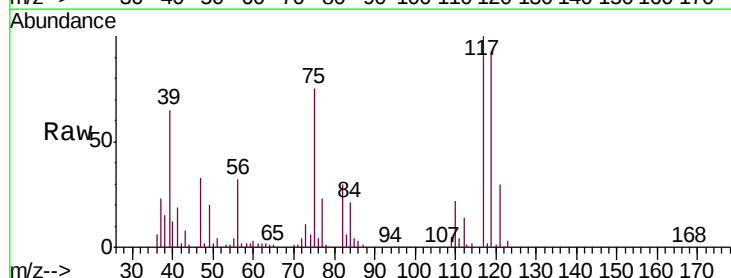
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

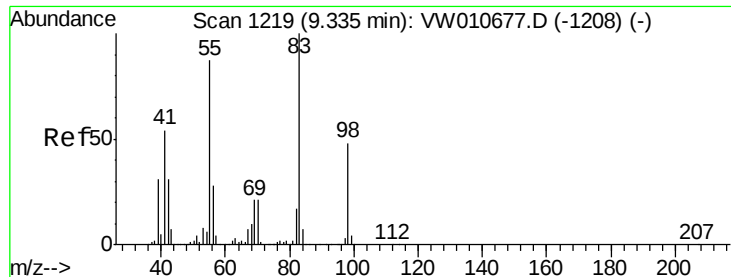
Tgt Ion: 43 Resp: 29765
 Ion Ratio Lower Upper
 43 100
 61 13.6 9.7 14.5
 70 9.2 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 11.473 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 117 Resp: 75060
 Ion Ratio Lower Upper
 117 100
 119 93.2 74.2 111.4
 121 30.1 22.9 34.3

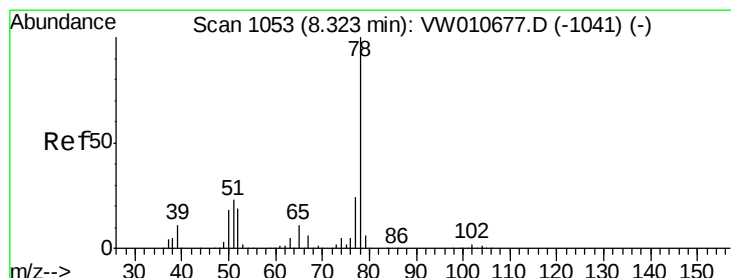
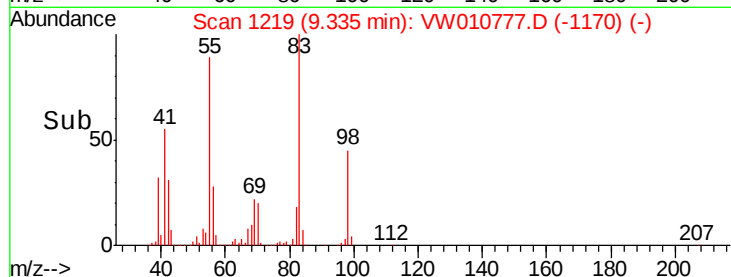
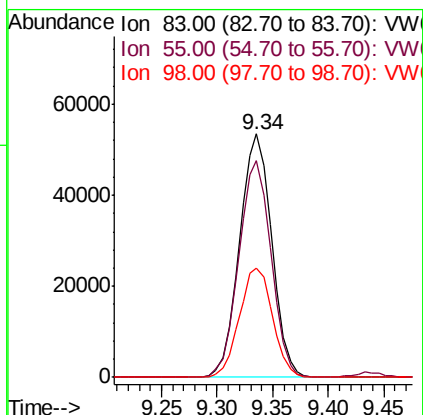
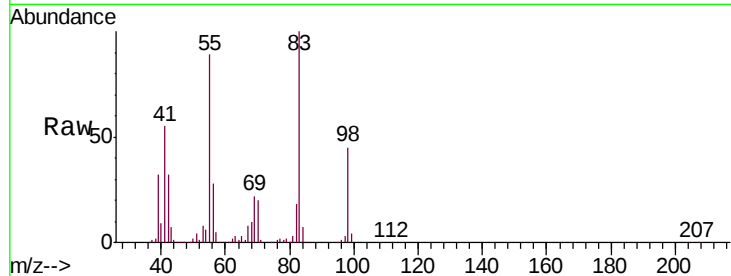




#39
Methylcyclohexane
Concen: 11.141 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

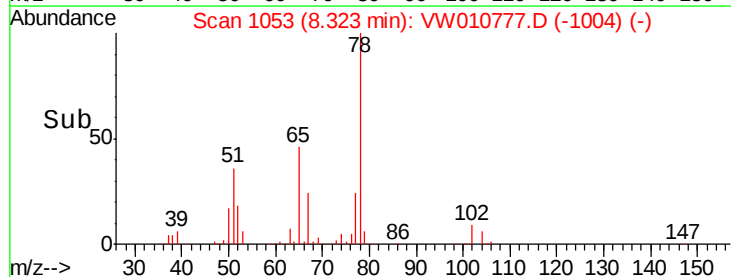
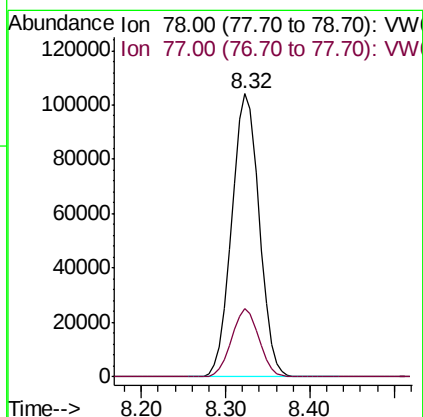
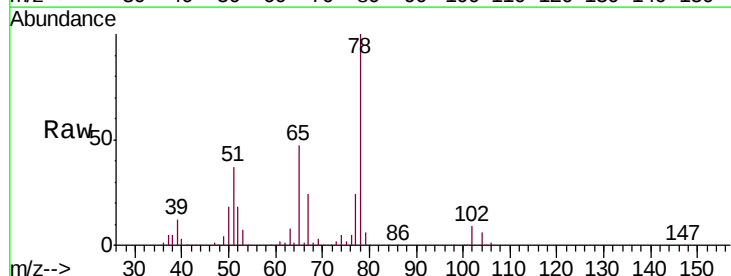
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

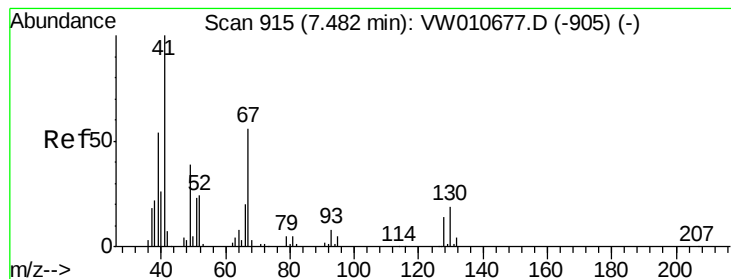
Tgt Ion: 83 Resp: 107332
Ion Ratio Lower Upper
83 100
55 89.0 70.0 105.0
98 44.9 38.1 57.1



#40
Benzene
Concen: 11.102 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 78 Resp: 229541
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





#41

Methacrylonitrile

Concen: 7.764 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tgt Ion: 41 Resp: 19380

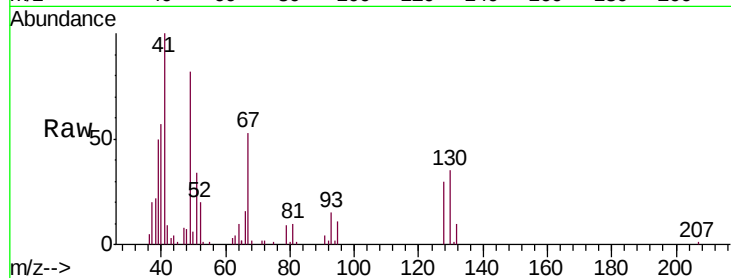
Ion Ratio Lower Upper

41 100

39 53.3 47.3 70.9

67 52.7 47.2 70.8

52 24.6 21.3 31.9

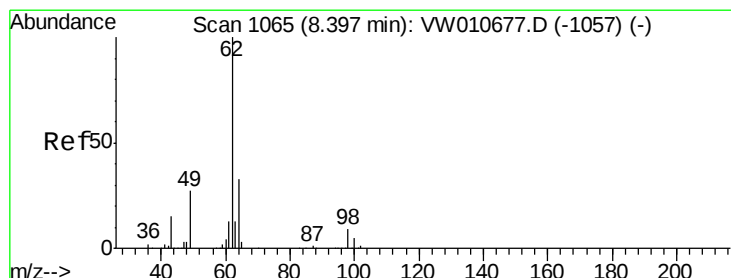
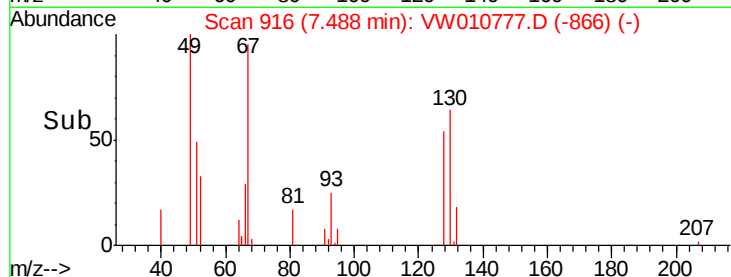
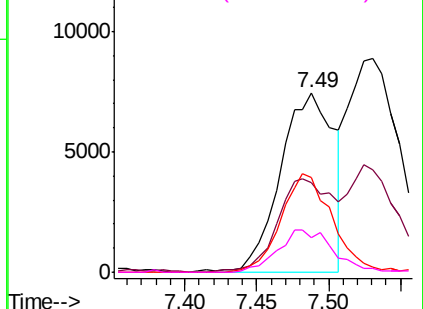


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 9.095 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010777.D

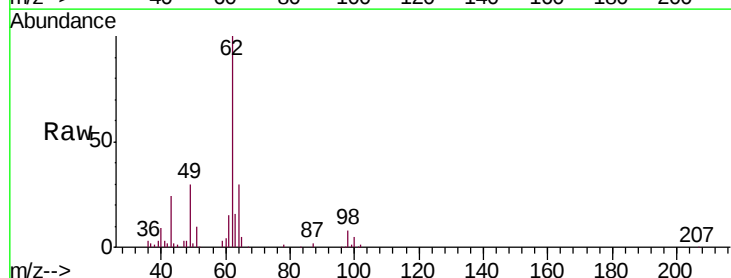
Acq: 12 Jun 2019 14:46

Tgt Ion: 62 Resp: 59683

Ion Ratio Lower Upper

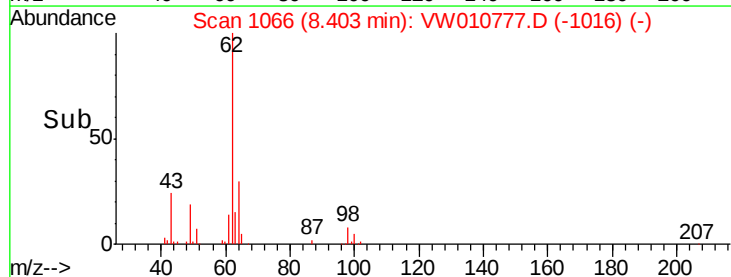
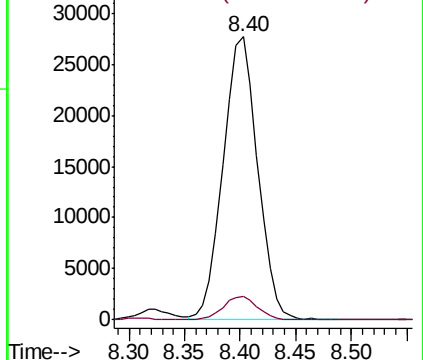
62 100

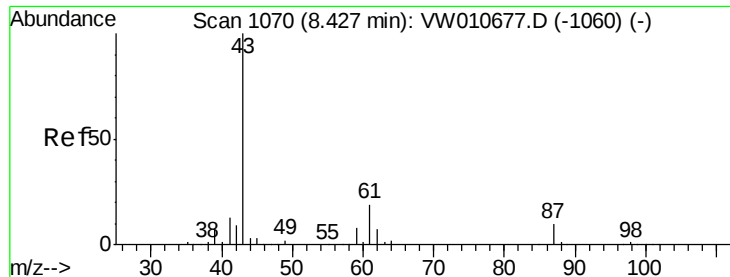
98 8.3 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 7.246 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

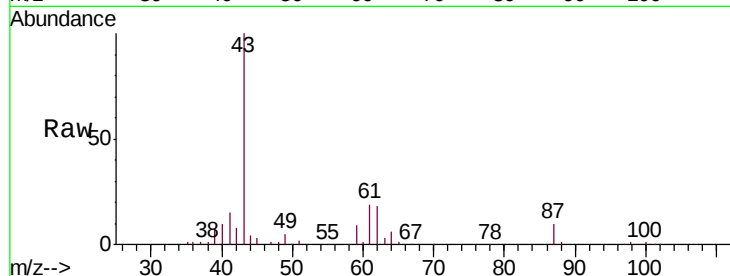
Tgt Ion: 43 Resp: 58790

Ion Ratio Lower Upper

43 100

61 29.1 21.2 31.8

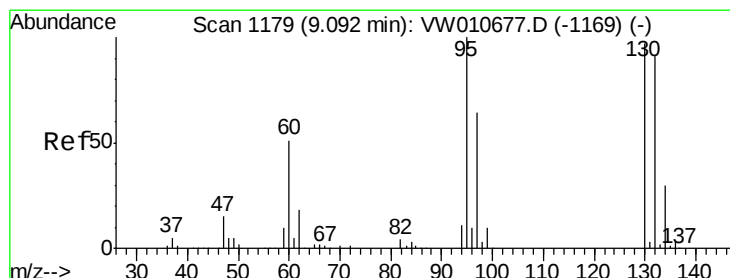
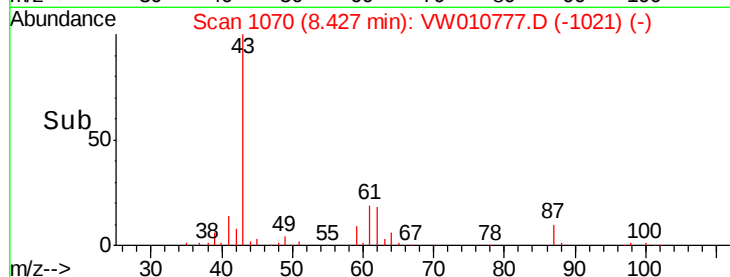
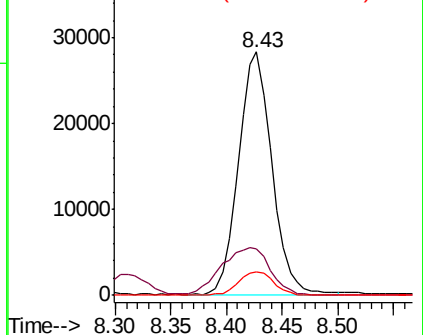
87 10.4 8.3 12.5



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: 11.032 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010777.D

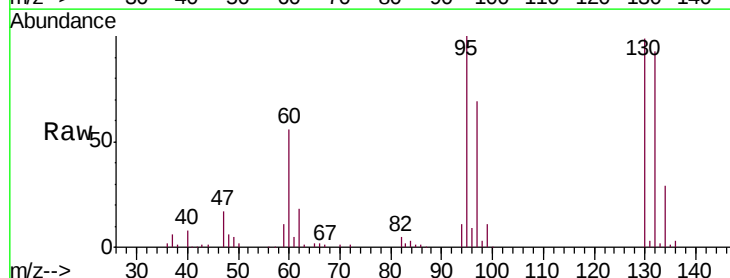
Acq: 12 Jun 2019 14:46

Tgt Ion: 130 Resp: 56264

Ion Ratio Lower Upper

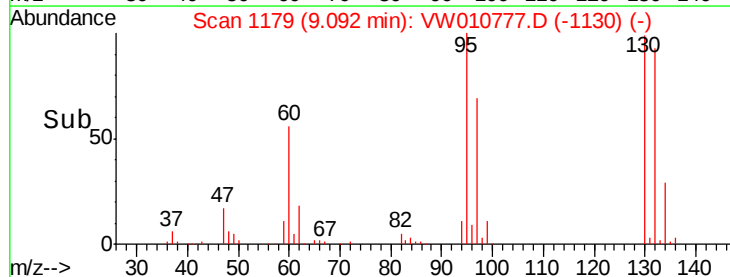
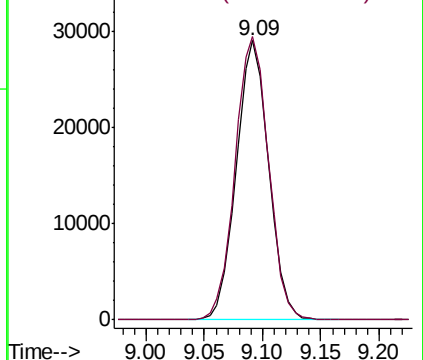
130 100

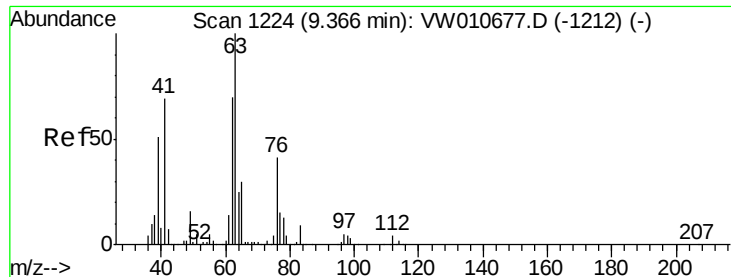
95 101.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 10.530 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

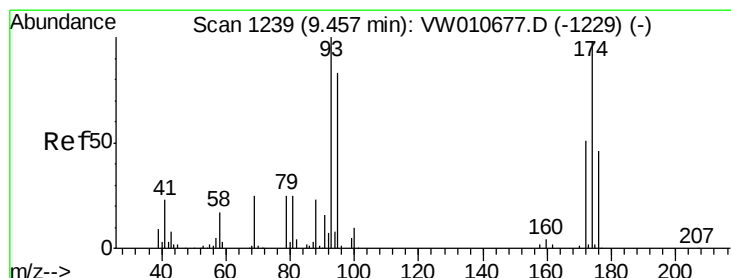
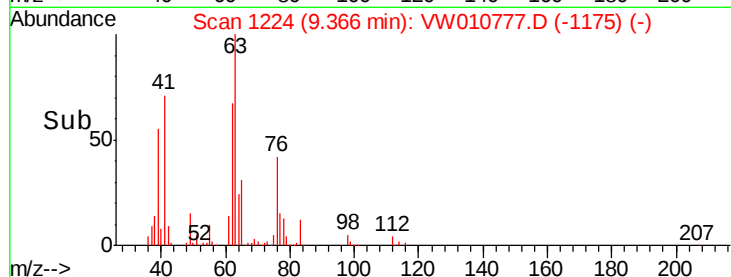
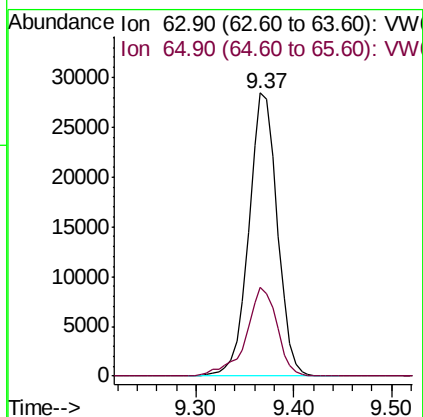
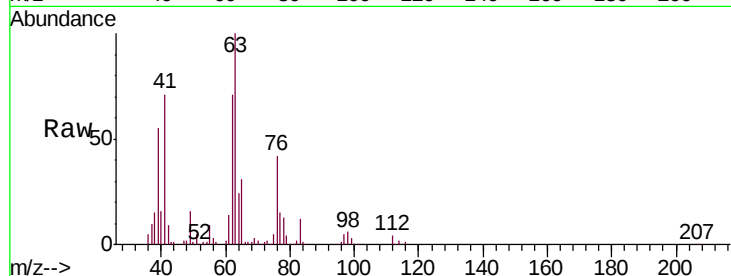
VW0612SBSD01

Tgt Ion: 63 Resp: 57631

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6



#46

Dibromomethane

Concen: 8.182 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

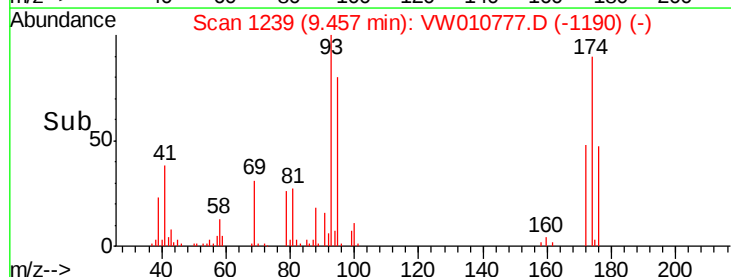
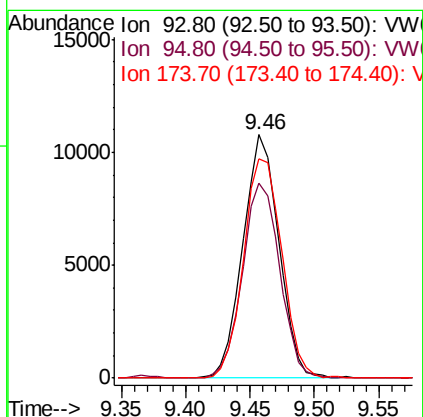
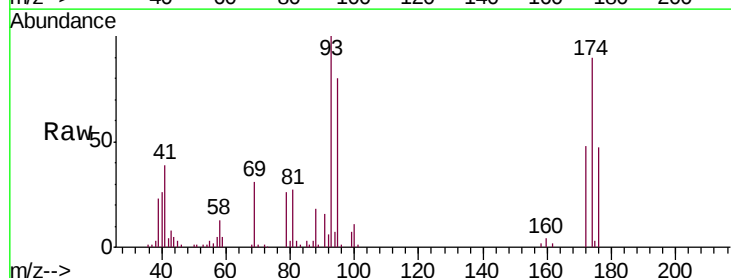
Tgt Ion: 93 Resp: 20799

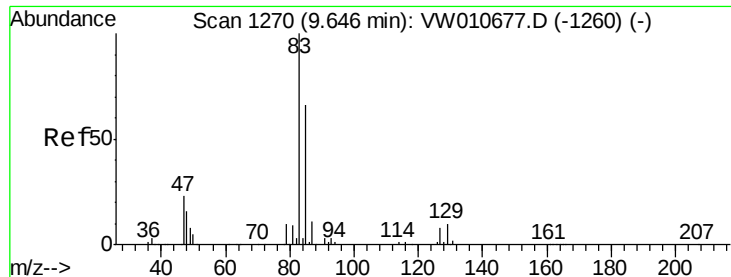
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 95.9 77.4 116.0

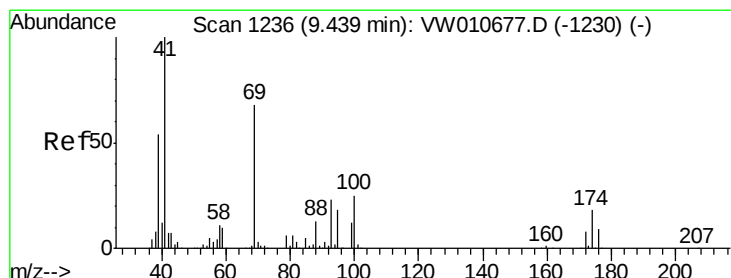
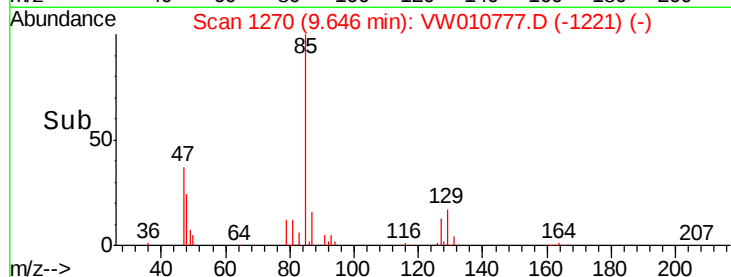
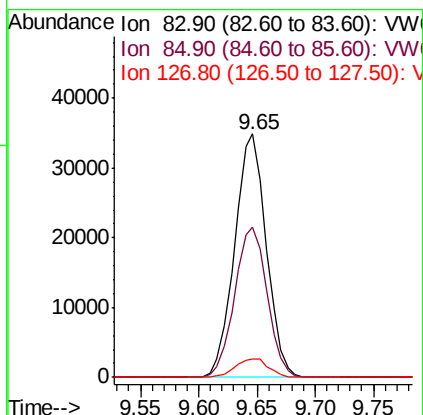
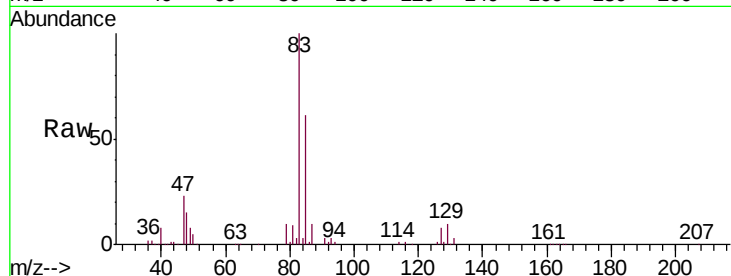




#47
Bromodichloromethane
Concen: 10.002 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

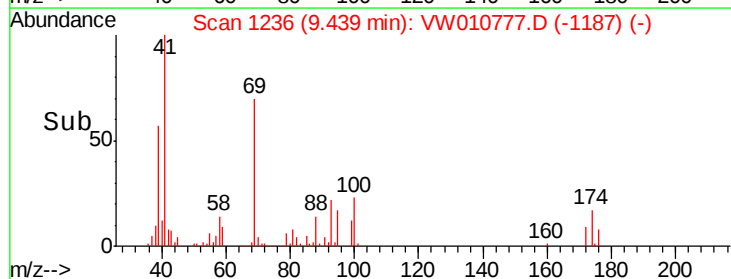
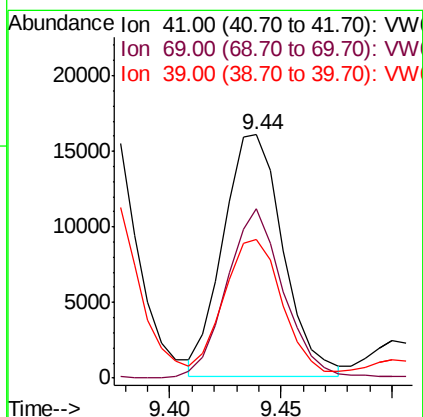
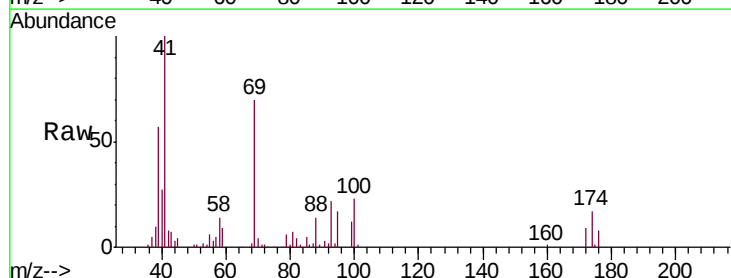
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

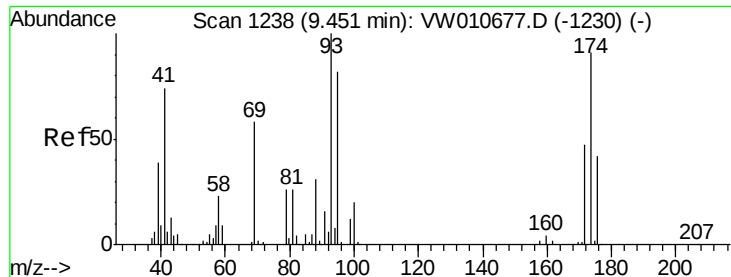
Tgt Ion: 83 Resp: 65911
Ion Ratio Lower Upper
83 100
85 61.5 53.0 79.4
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 7.688 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 41 Resp: 30076
Ion Ratio Lower Upper
41 100
69 66.3 56.6 85.0
39 51.5 44.4 66.6

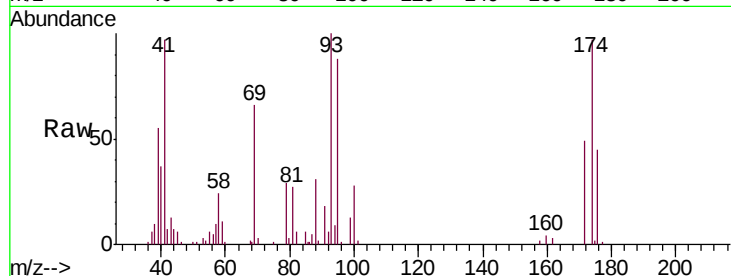




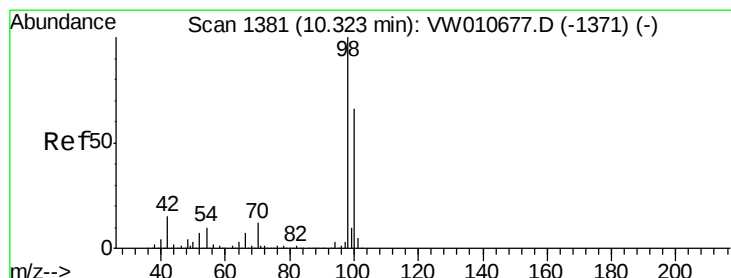
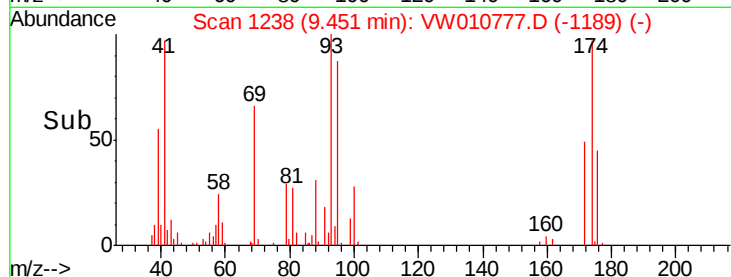
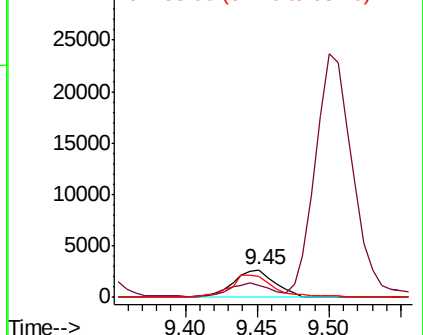
#49
1,4-Dioxane
Concen: 135.215 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion: 88 Resp: 5374
Ion Ratio Lower Upper
88 100
43 45.9 34.2 51.4
58 88.5 69.0 103.4

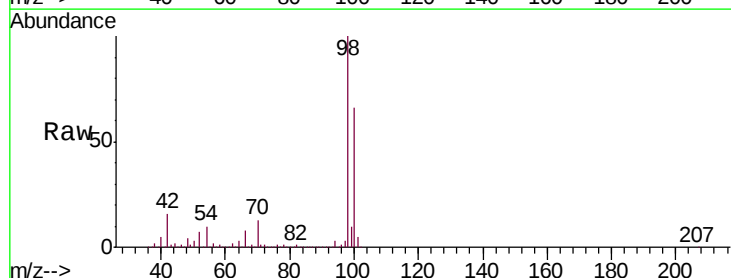


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

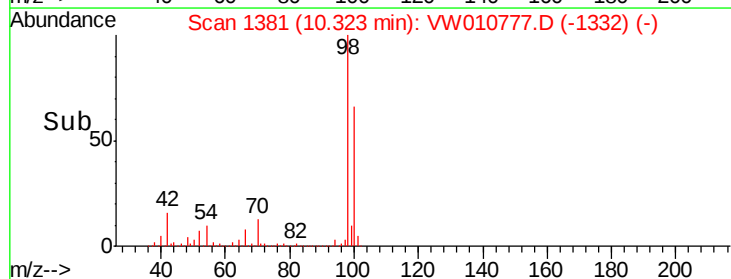
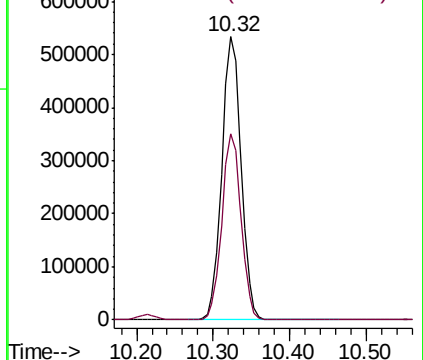


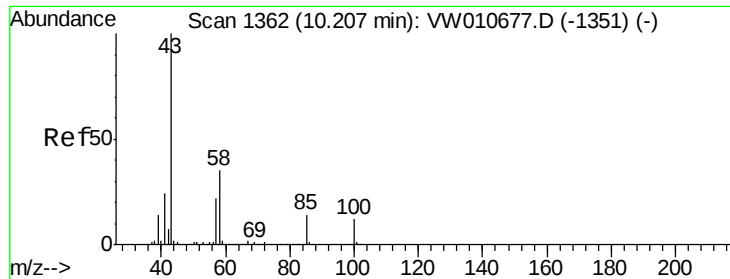
#50
Toluene-d8
Concen: 52.698 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 98 Resp: 928655
Ion Ratio Lower Upper
98 100
100 65.5 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: 35.585 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

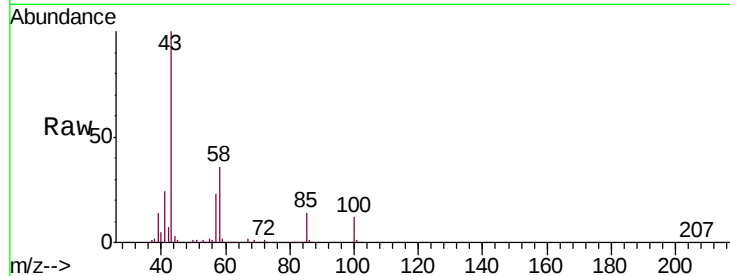
VW0612SBSD01

Tgt Ion: 43 Resp: 147497

Ion Ratio Lower Upper

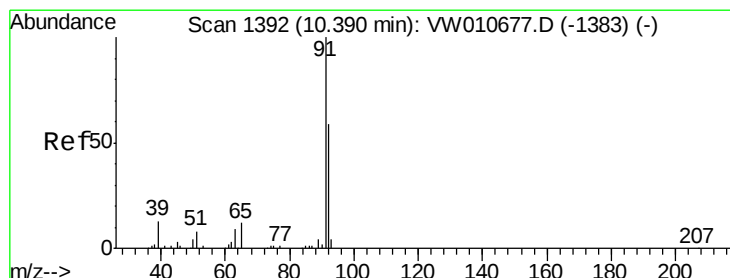
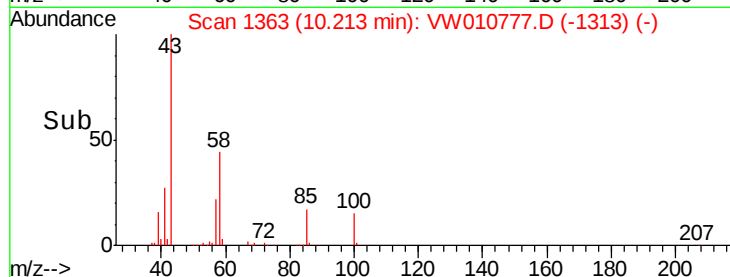
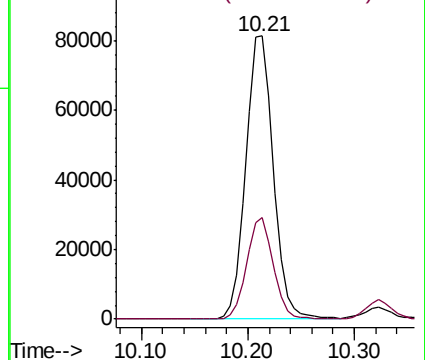
43 100

58 34.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 10.930 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010777.D

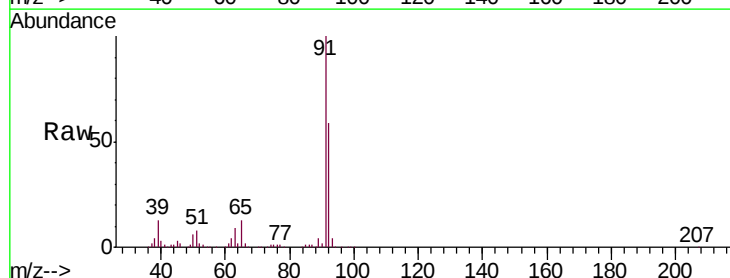
Acq: 12 Jun 2019 14:46

Tgt Ion: 92 Resp: 139038

Ion Ratio Lower Upper

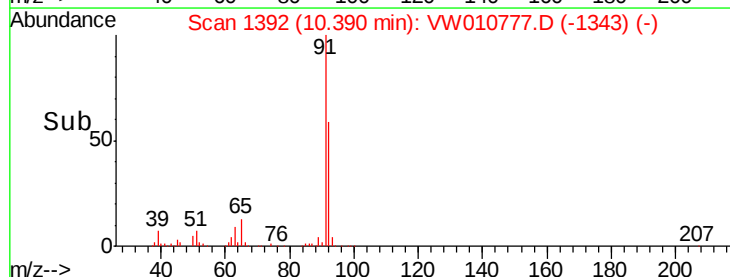
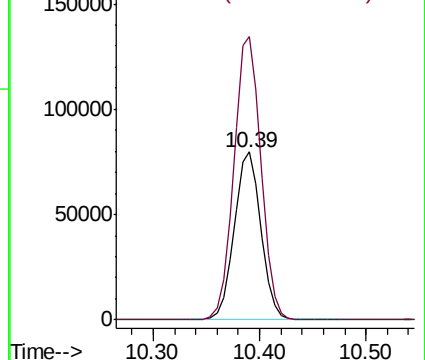
92 100

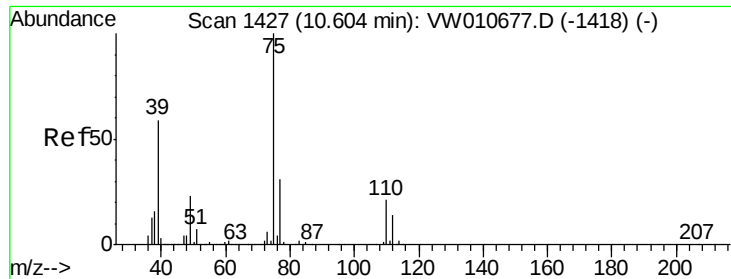
91 172.4 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 8.842 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

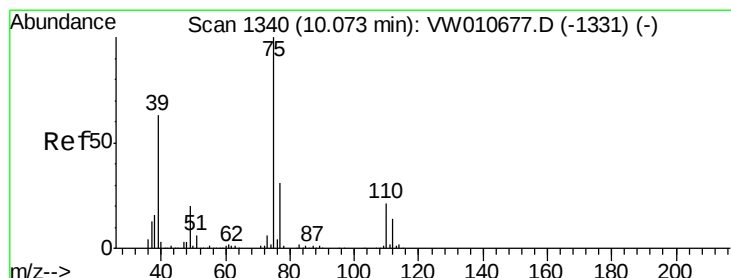
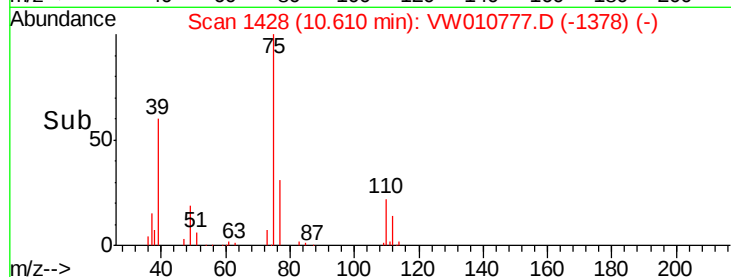
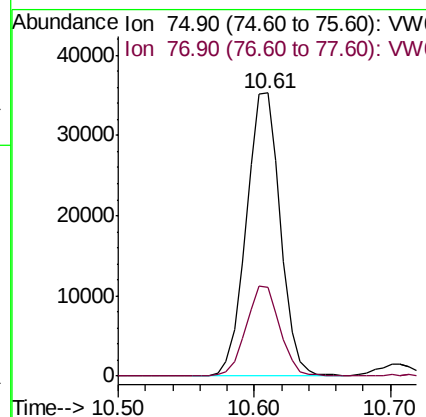
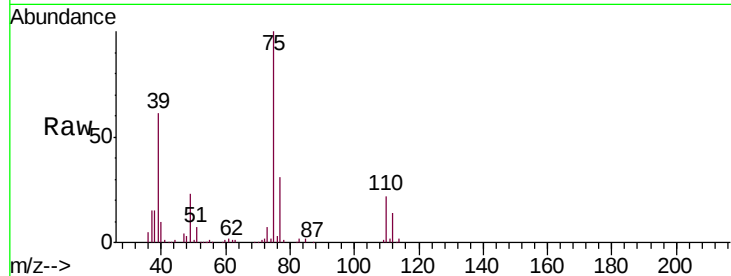
VW0612SBSD01

Tgt Ion: 75 Resp: 61713

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 9.761 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

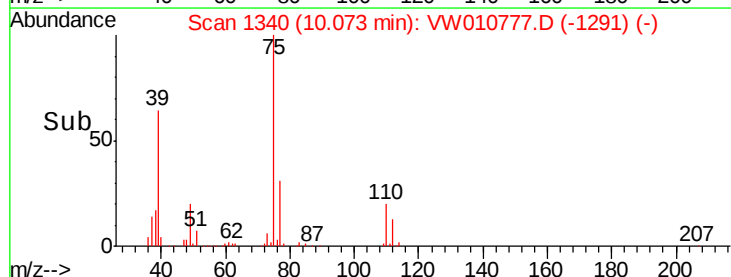
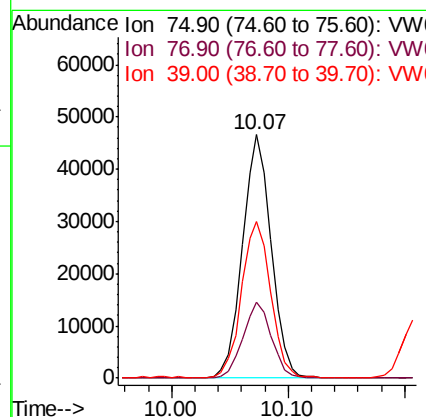
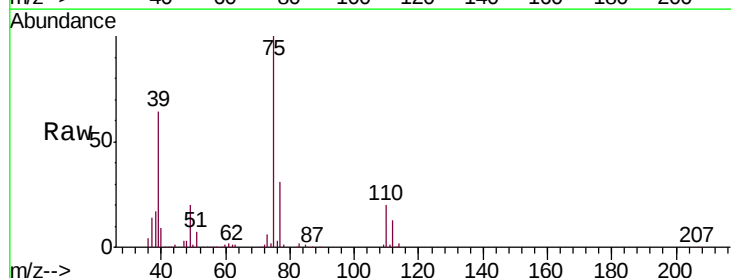
Tgt Ion: 75 Resp: 80168

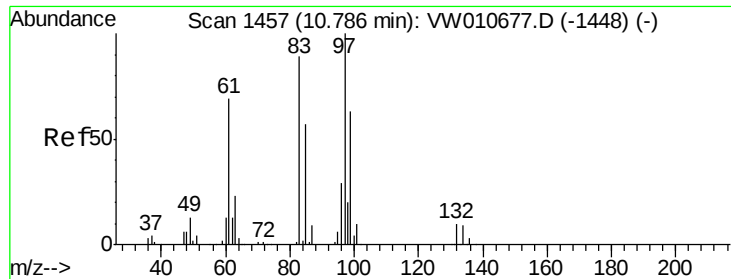
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 64.1 50.1 75.1

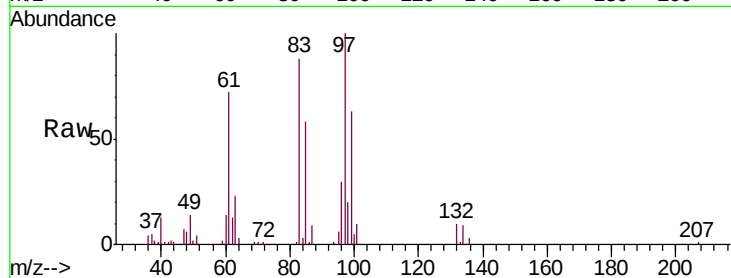




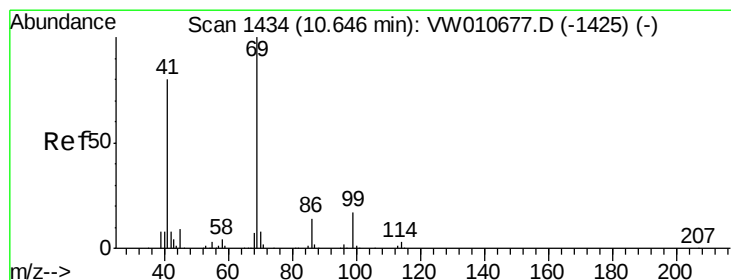
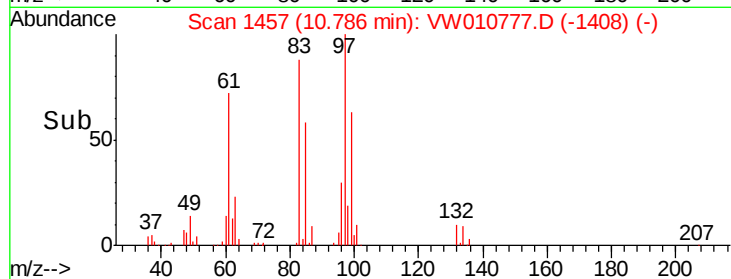
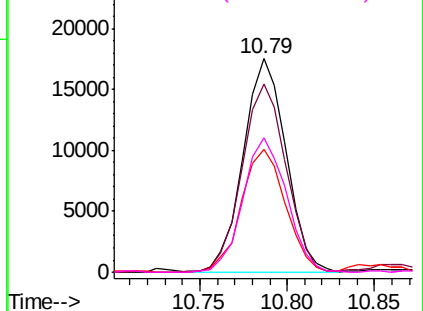
#55
 1,1,2-Trichloroethane
 Concen: 8.171 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tgt Ion: 97 Resp: 29924
 Ion Ratio Lower Upper
 97 100
 83 87.8 71.1 106.7
 85 57.6 45.2 67.8
 99 62.7 50.0 75.0

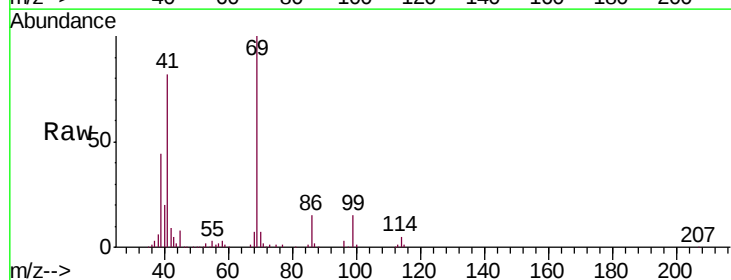


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

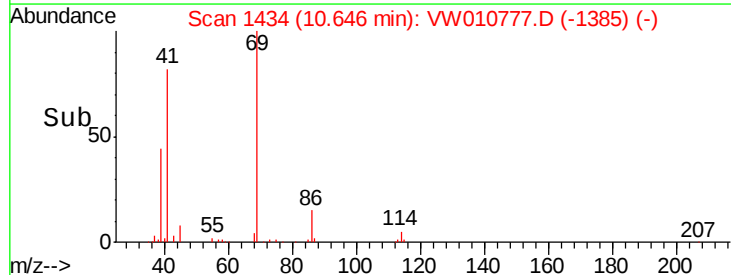
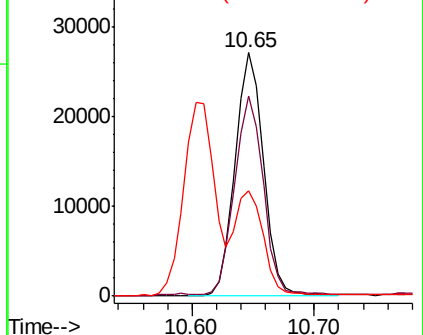


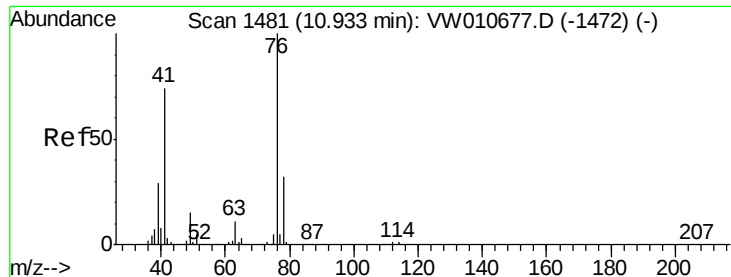
#56
 Ethyl methacrylate
 Concen: 7.763 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 69 Resp: 43745
 Ion Ratio Lower Upper
 69 100
 41 81.7 64.8 97.2
 39 42.1 32.2 48.2



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

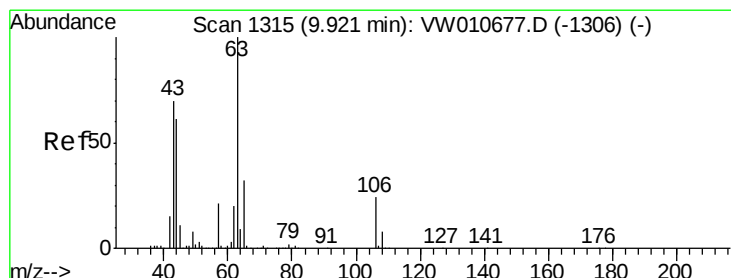
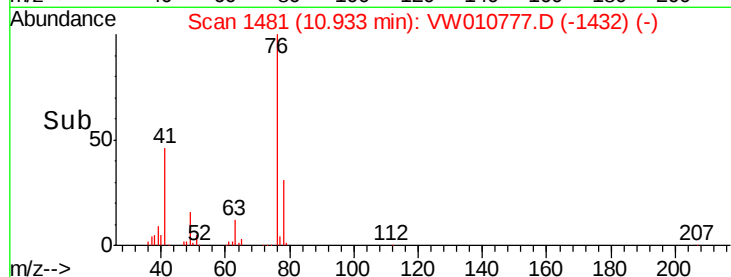
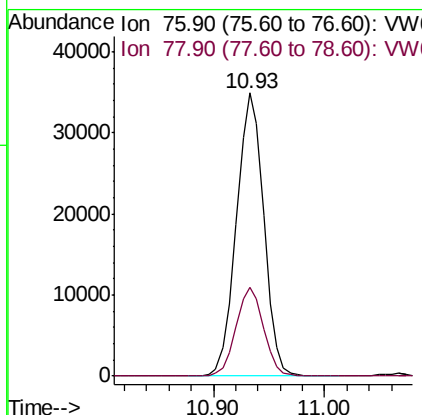
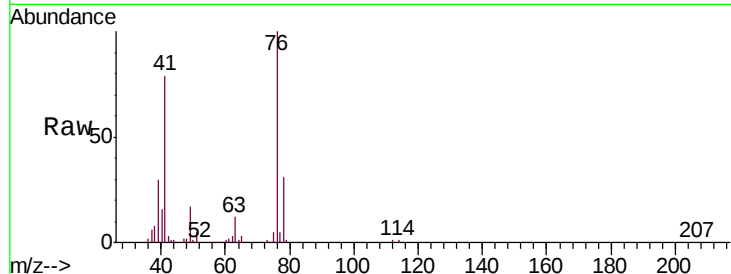




#57
 1,3-Dichloropropane
 Concen: 8.570 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

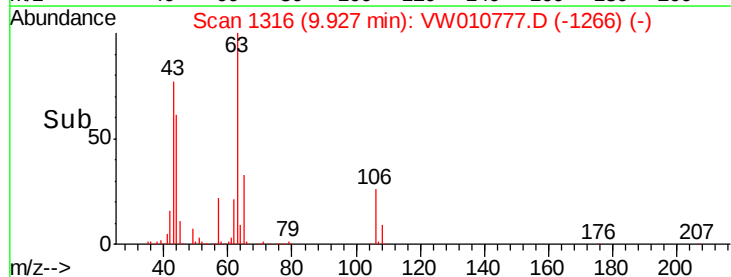
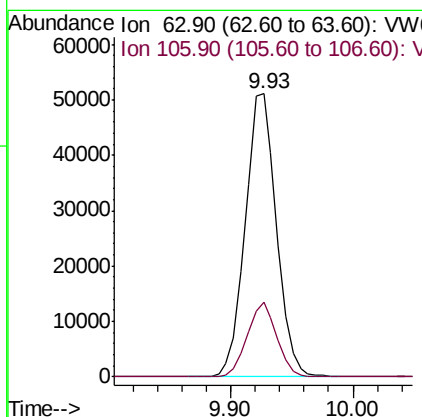
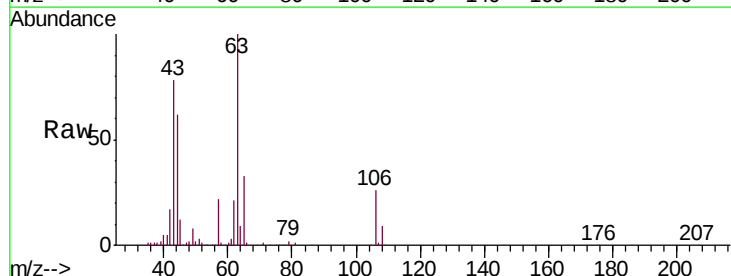
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

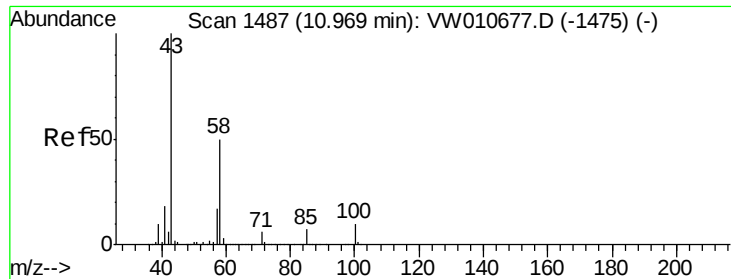
Tgt Ion: 76 Resp: 59148
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 30.680 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 63 Resp: 90551
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1





#59

2-Hexanone

Concen: 34.467 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

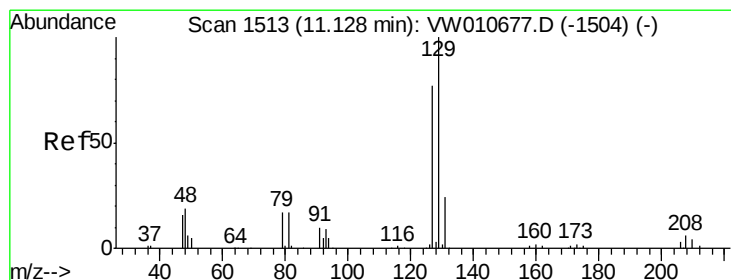
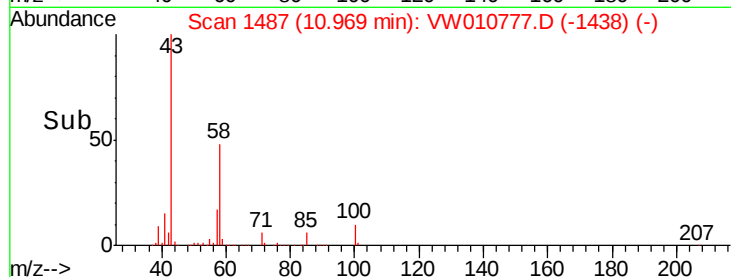
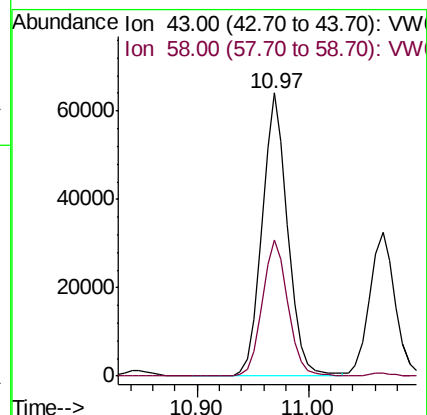
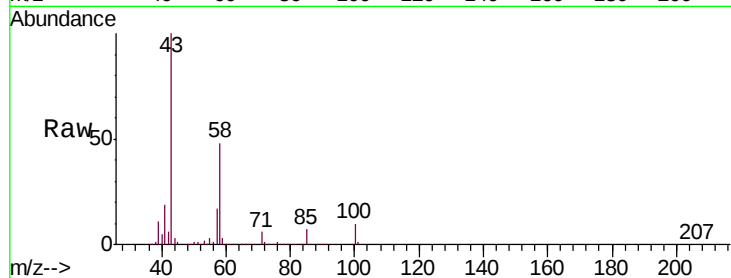
VW0612SBSD01

Tgt Ion: 43 Resp: 103250

Ion Ratio Lower Upper

43 100

58 48.3 24.9 74.6



#60

Dibromochloromethane

Concen: 8.495 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010777.D

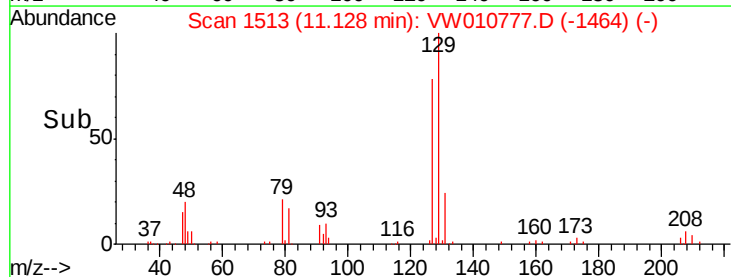
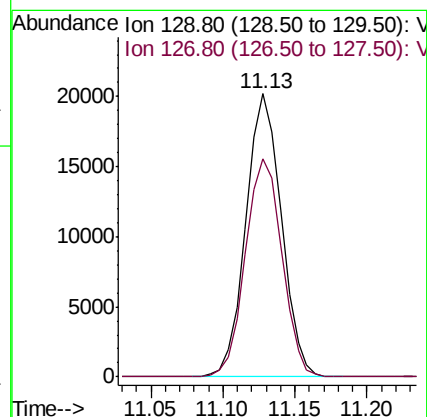
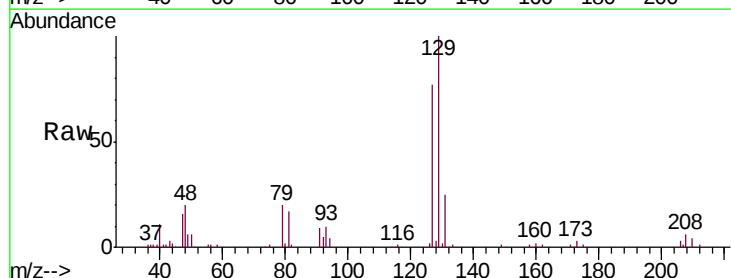
Acq: 12 Jun 2019 14:46

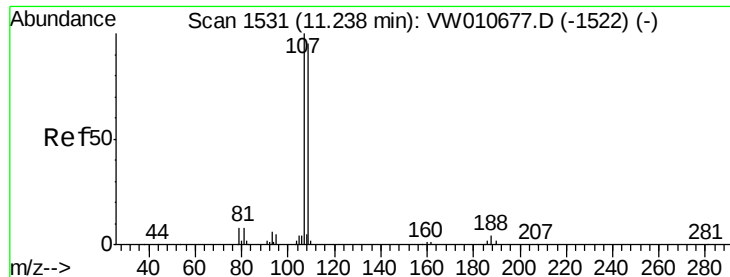
Tgt Ion: 129 Resp: 34485

Ion Ratio Lower Upper

129 100

127 79.2 38.6 116.0

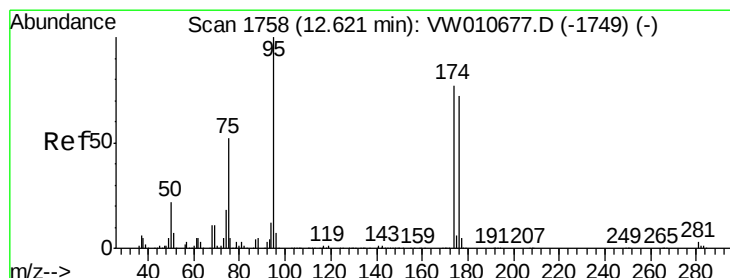
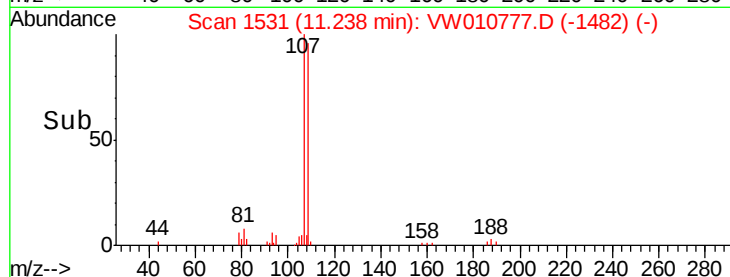
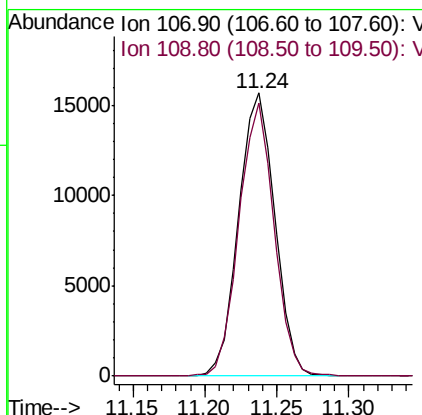
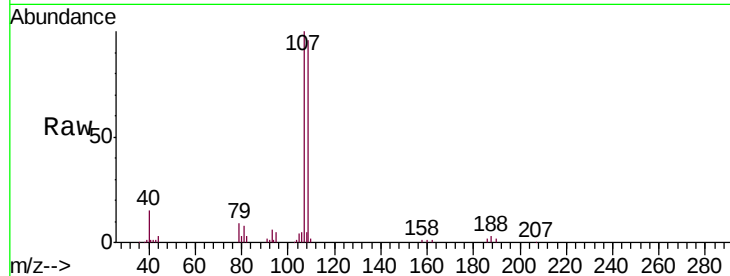




#61
 1,2-Dibromoethane
 Concen: 7.884 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

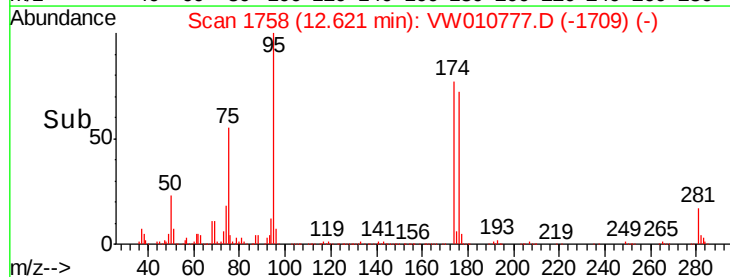
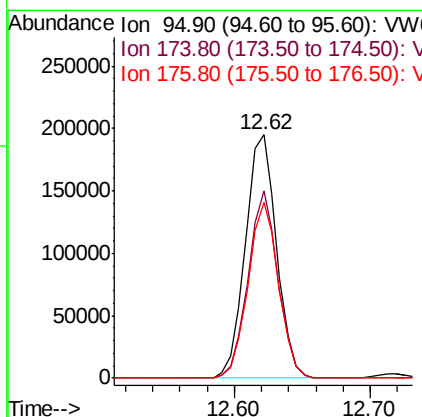
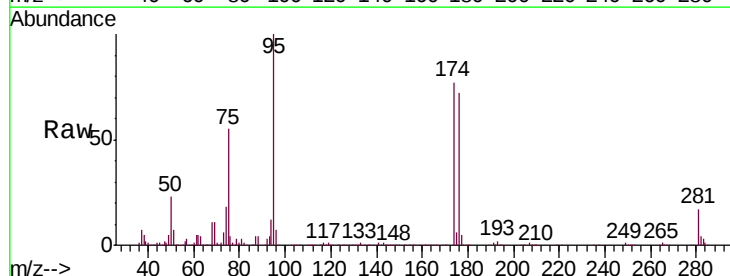
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

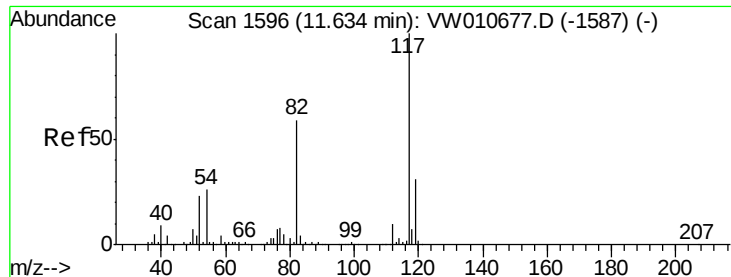
Tgt Ion: 107 Resp: 27354
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.784 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 95 Resp: 312826
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 150.4
 176 70.6 0.0 144.8

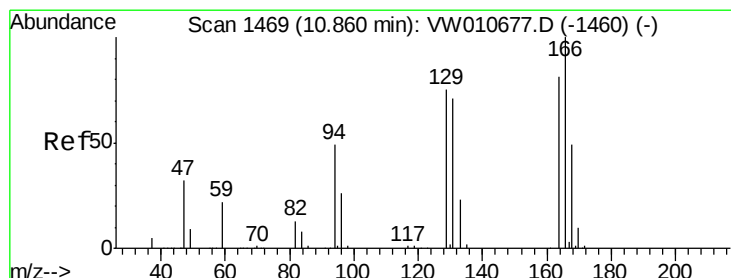
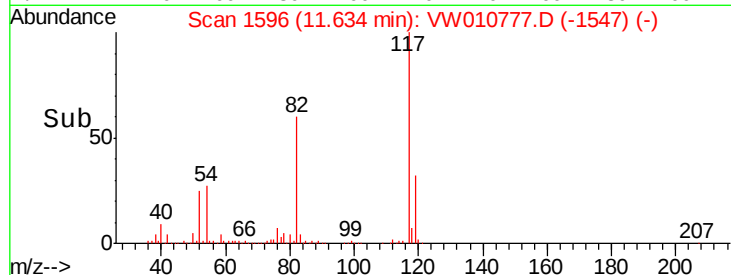
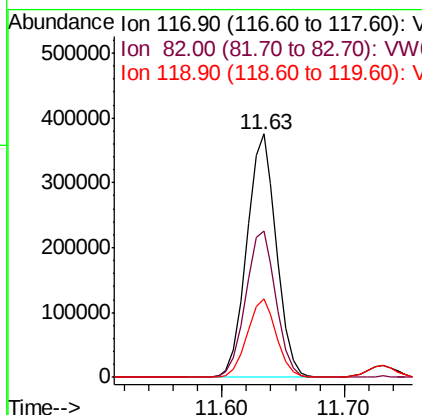
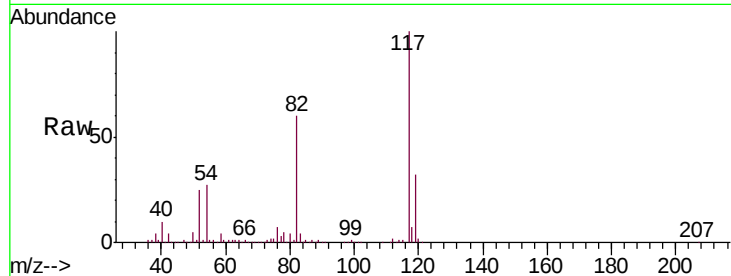




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

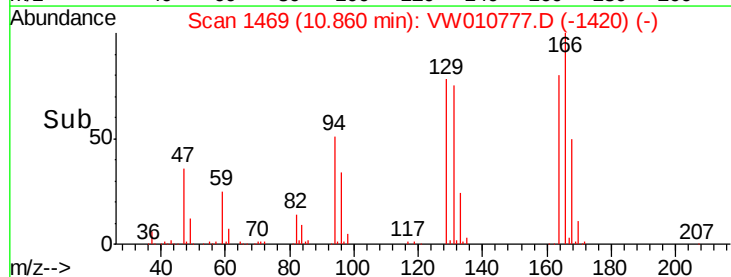
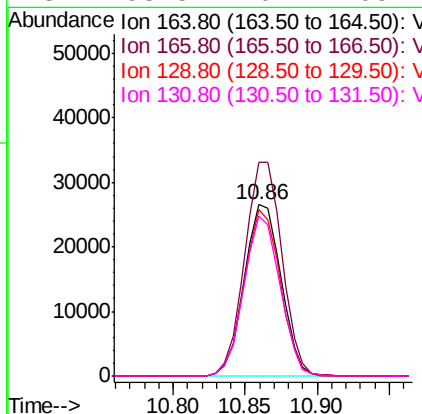
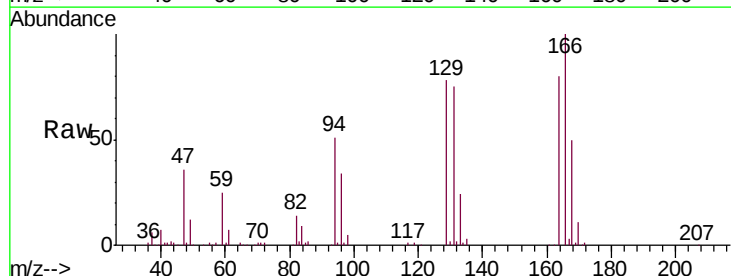
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

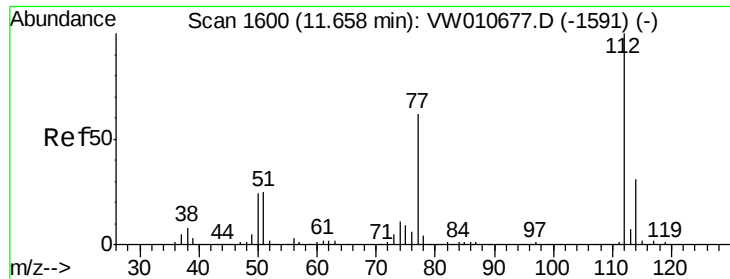
Tgt Ion:117 Resp: 627951
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 32.4 25.1 37.7



#64
Tetrachloroethene
Concen: 11.259 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion:164 Resp: 46944
Ion Ratio Lower Upper
164 100
166 125.0 99.2 148.8
129 97.7 74.6 112.0
131 93.5 70.2 105.4

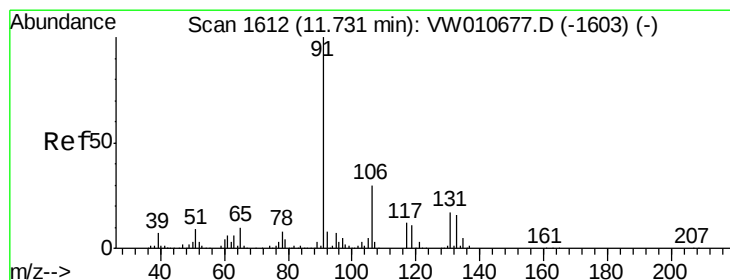
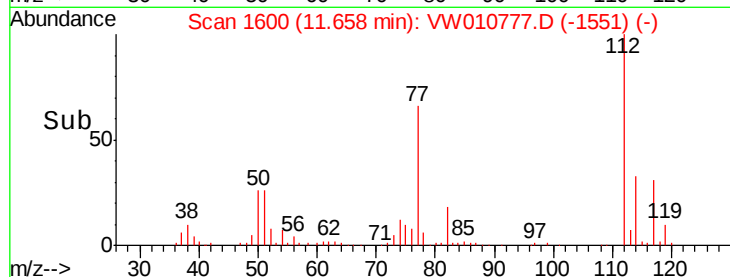
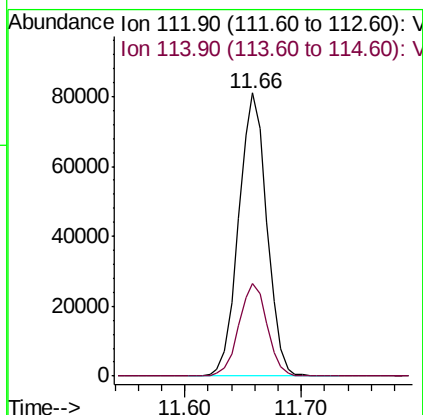
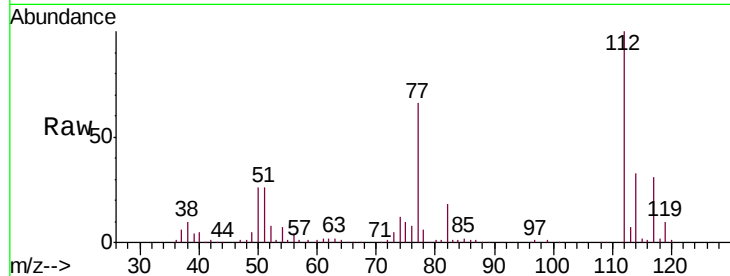




#65
Chlorobenzene
Concen: 11.042 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

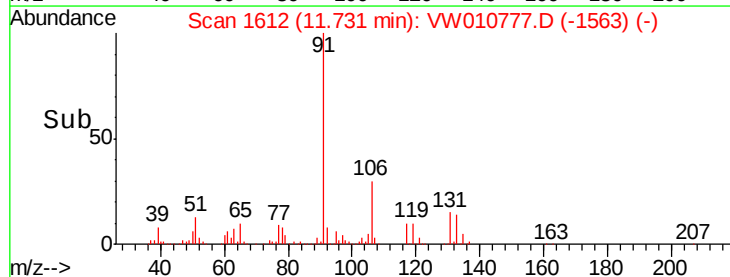
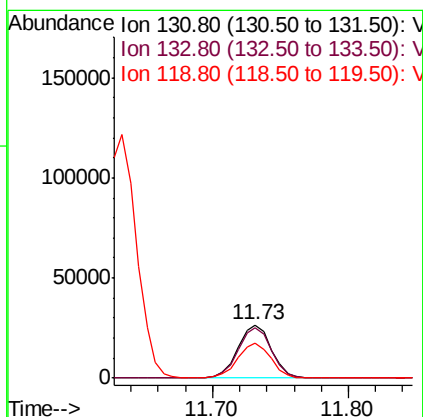
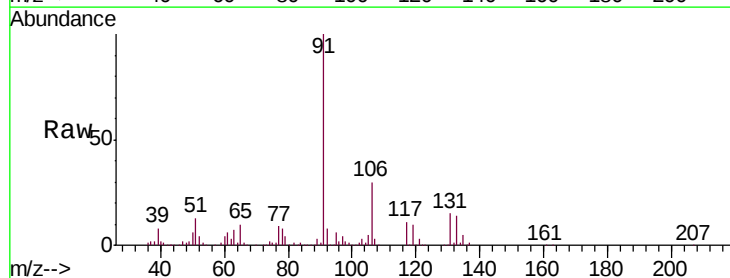
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

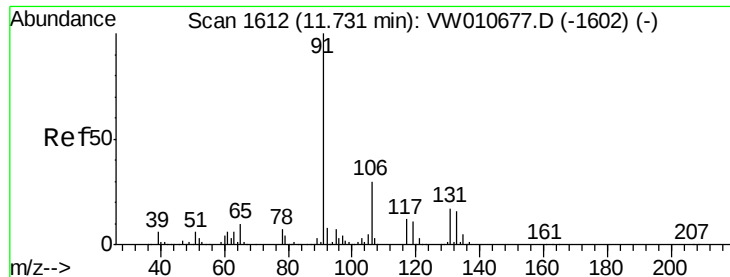
Tgt Ion:112 Resp: 136351
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 10.593 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion:131 Resp: 45282
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 65.6 32.4 97.0

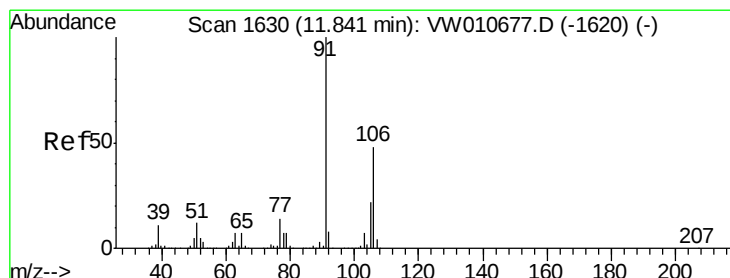
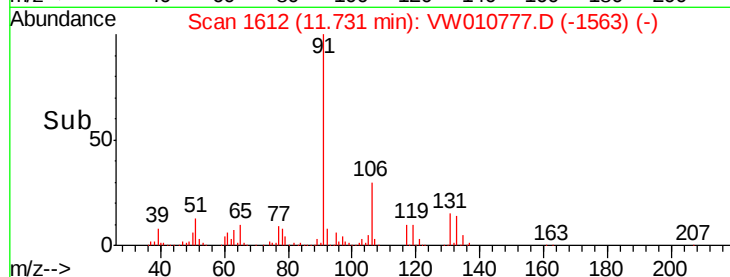
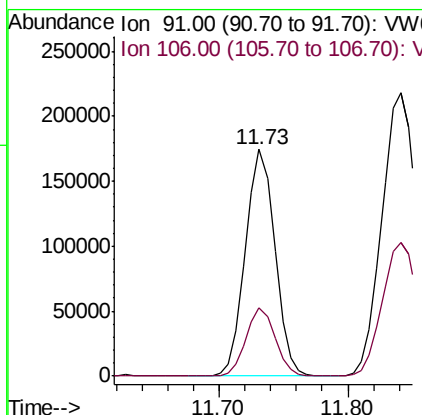
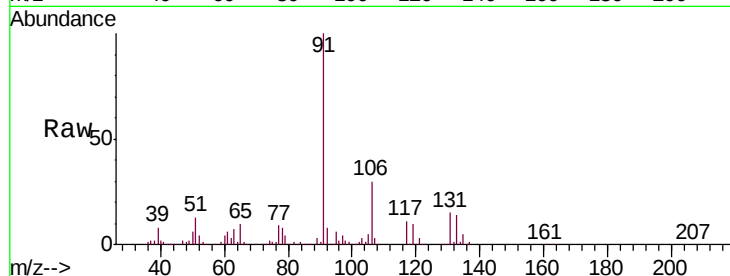




#67
Ethyl Benzene
Concen: 11.655 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

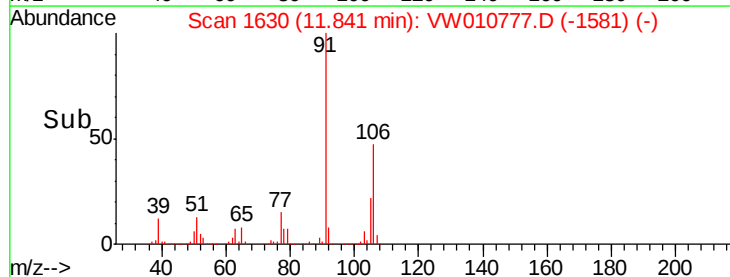
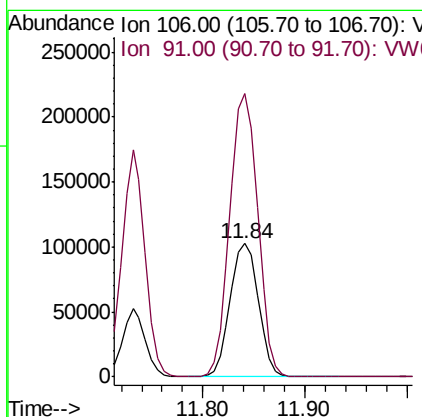
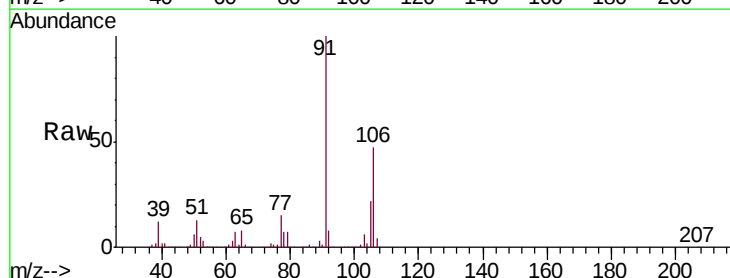
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

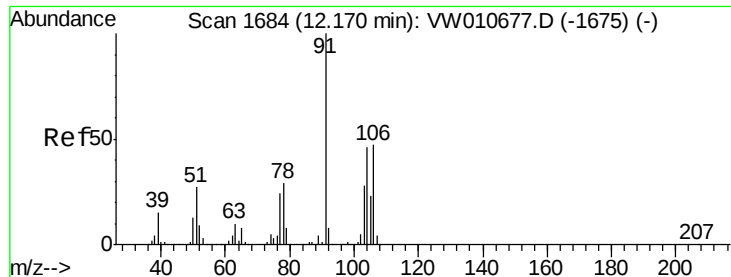
Tgt Ion: 91 Resp: 276591
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 23.185 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion: 106 Resp: 196971
Ion Ratio Lower Upper
106 100
91 210.6 166.5 249.7

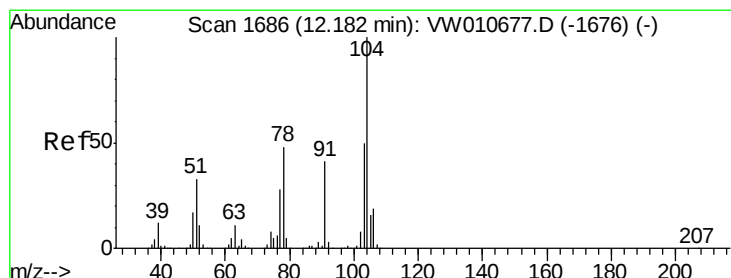
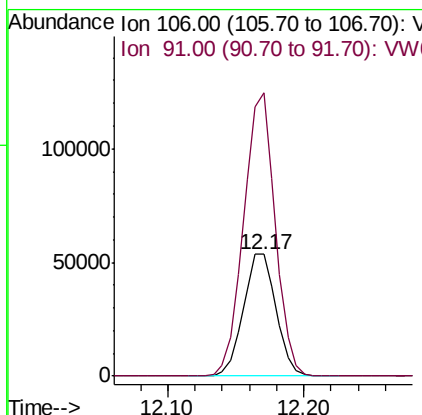
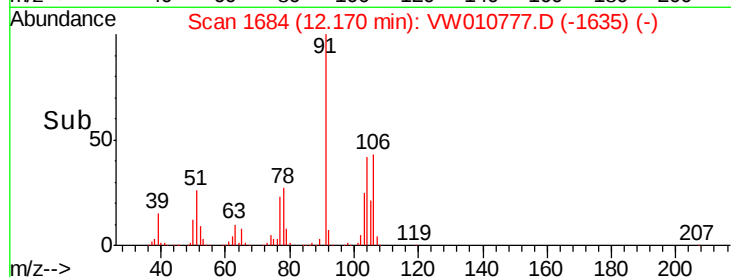
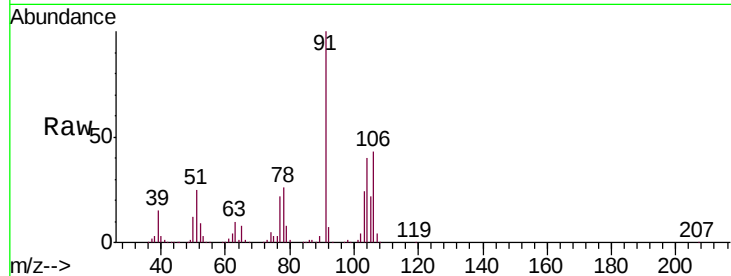




#69
o-Xylene
Concen: 11.179 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

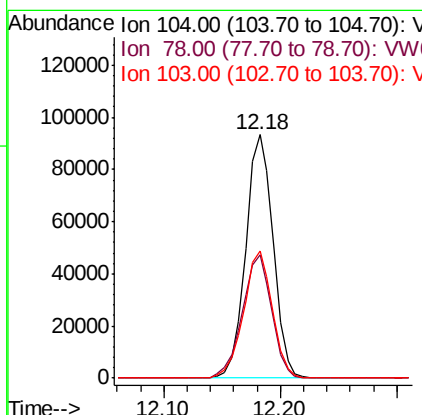
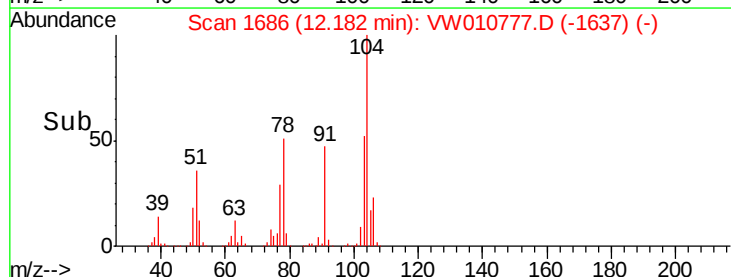
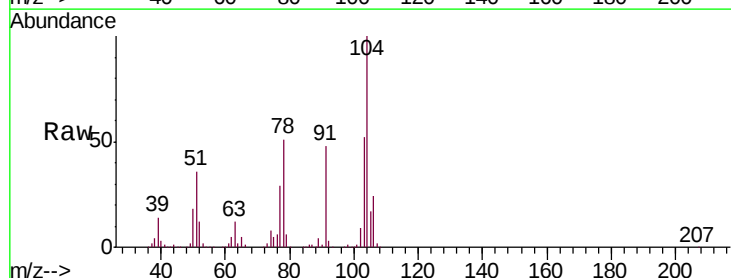
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

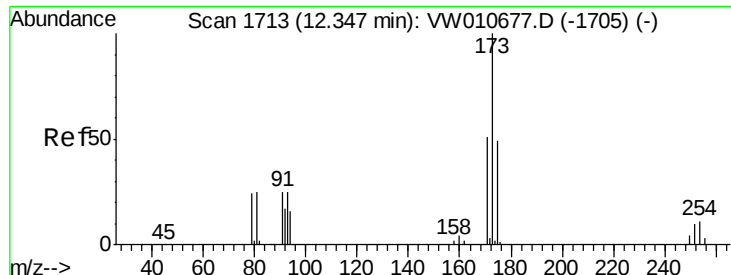
Tgt Ion:106 Resp: 90070
Ion Ratio Lower Upper
106 100
91 224.4 108.9 326.6



#70
Styrene
Concen: 10.928 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion:104 Resp: 152962
Ion Ratio Lower Upper
104 100
78 54.3 42.7 64.1
103 54.8 43.6 65.4





#71

Bromoform

Concen: 7.814 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

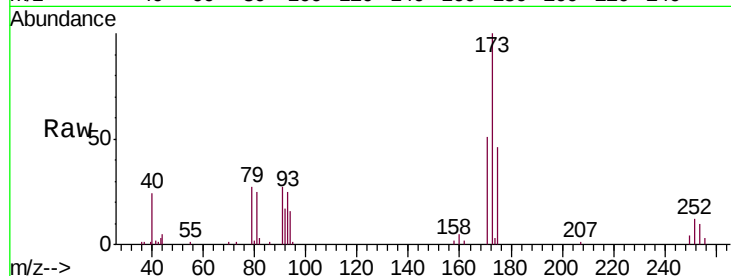
Tgt Ion:173 Resp: 17276

Ion Ratio Lower Upper

173 100

175 47.2 24.3 72.8

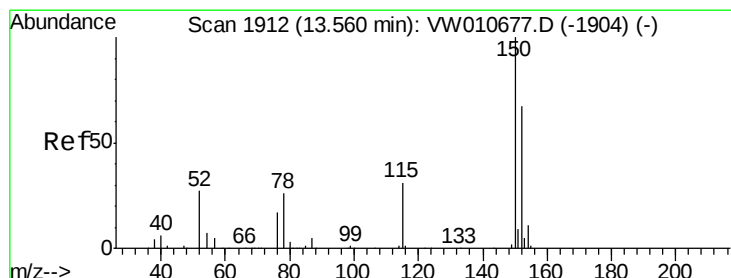
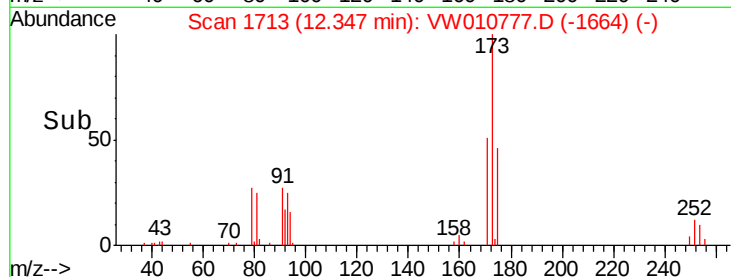
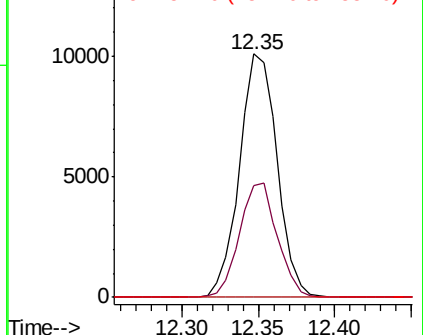
254 0.0 0.1 0.1#



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: VW010777.D

Acq: 12 Jun 2019 14:46

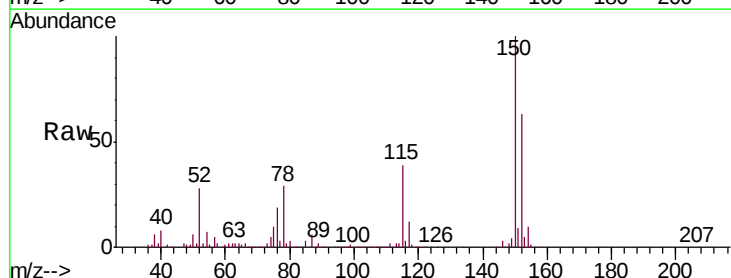
Tgt Ion:152 Resp: 282516

Ion Ratio Lower Upper

152 100

115 61.6 29.8 89.3

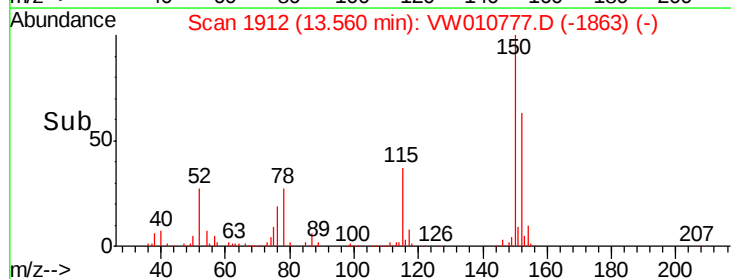
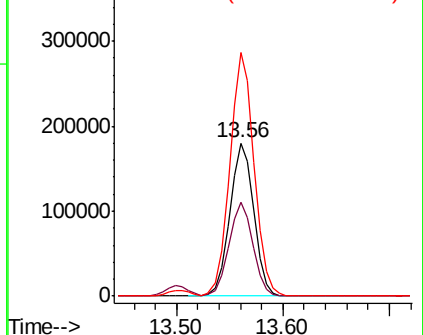
150 161.2 0.0 345.0

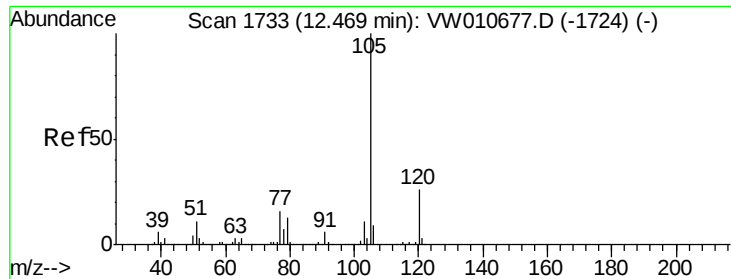


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 12.426 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

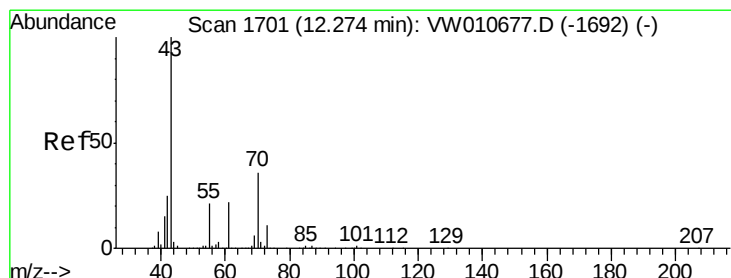
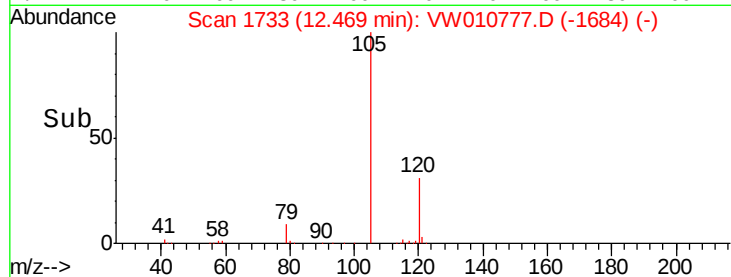
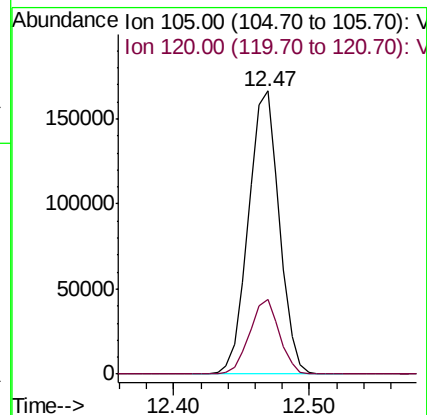
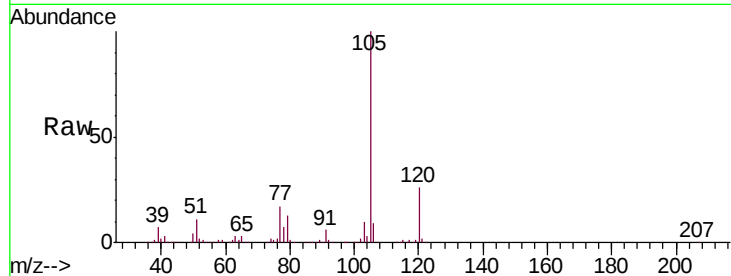
VW0612SBSD01

Tgt Ion:105 Resp: 263800

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 8.489 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Tgt Ion: 43 Resp: 58246

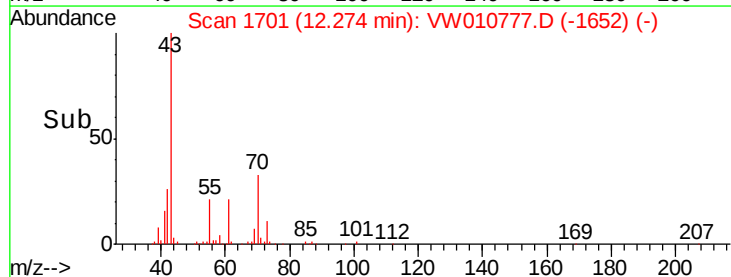
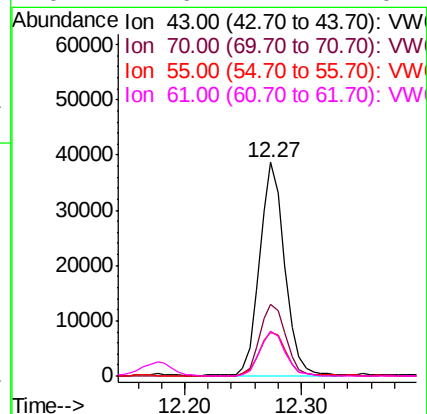
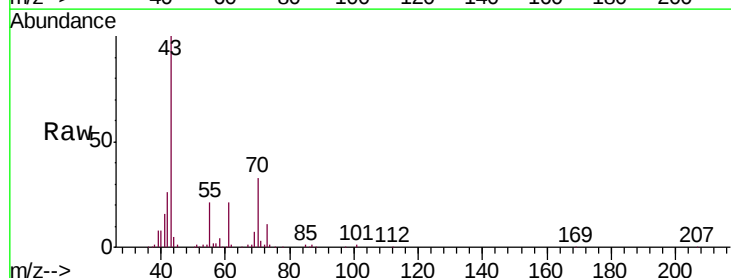
Ion Ratio Lower Upper

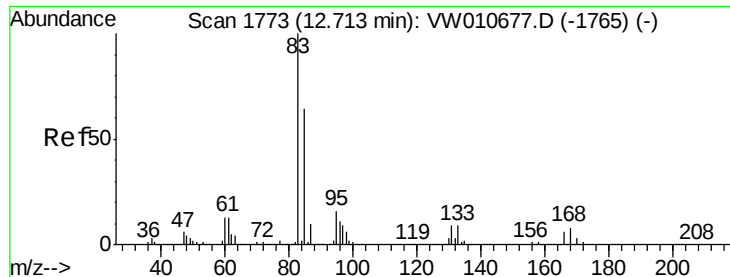
43 100

70 35.1 29.2 43.8

55 22.8 17.5 26.3

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 8.075 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

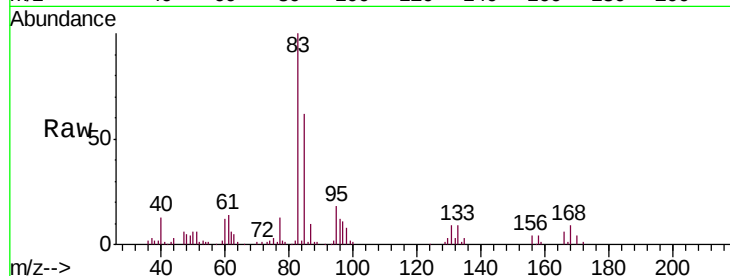
Tgt Ion: 83 Resp: 32635

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

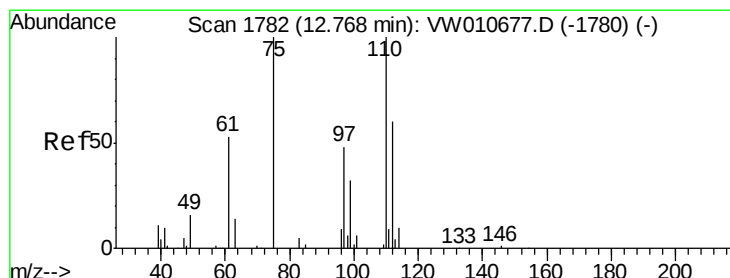
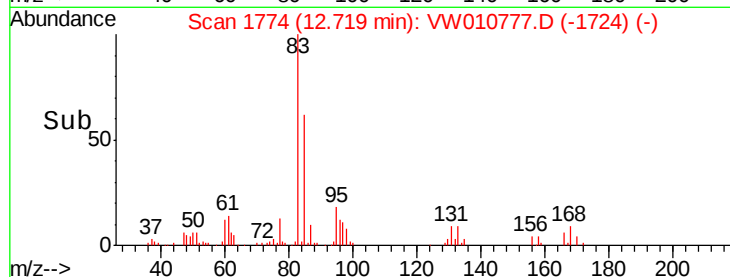
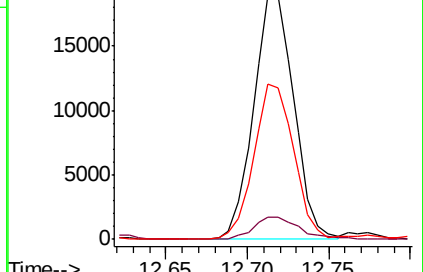
85 63.0 31.9 95.9



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: 15.248 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010777.D

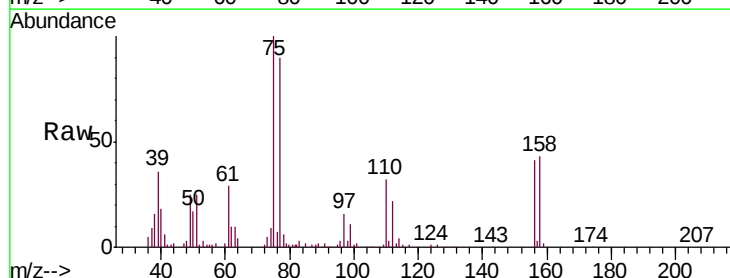
Acq: 12 Jun 2019 14:46

Tgt Ion: 75 Resp: 45237

Ion Ratio Lower Upper

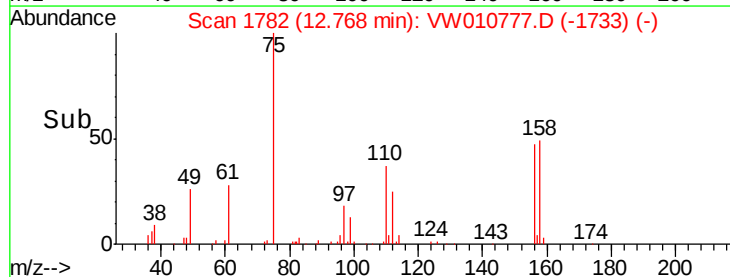
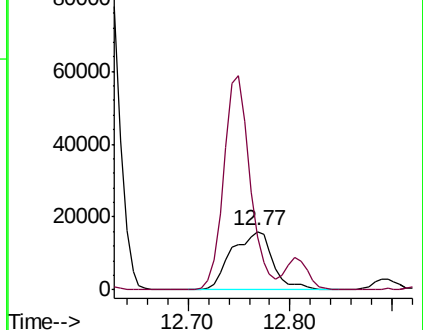
75 100

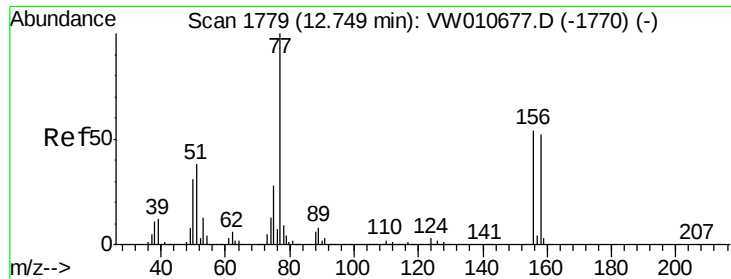
77 233.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 11.009 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

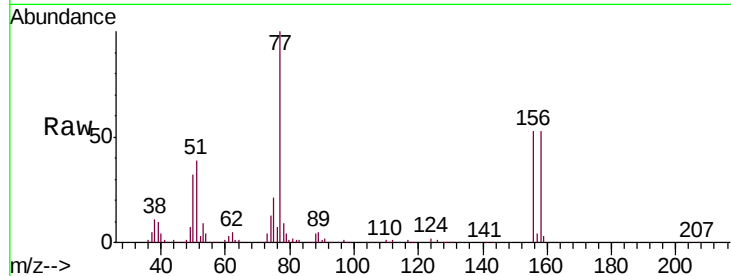
Tgt Ion:156 Resp: 51017

Ion Ratio Lower Upper

156 100

77 207.4 106.5 319.4

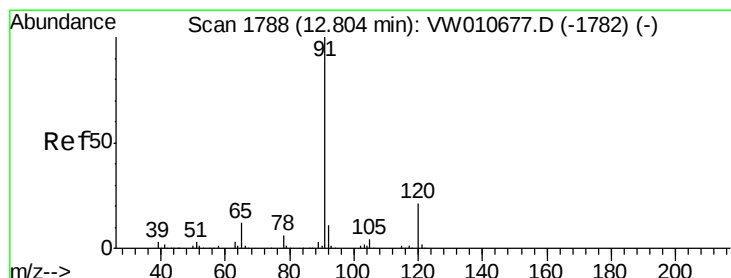
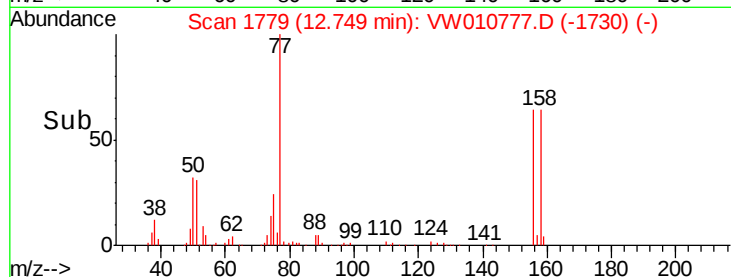
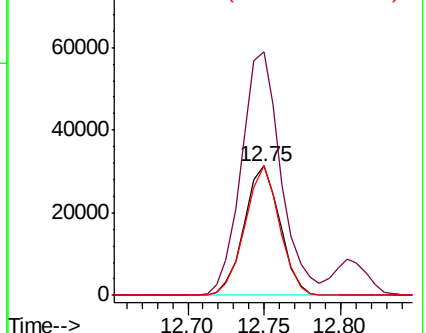
158 96.7 48.3 144.9



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: 12.591 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010777.D

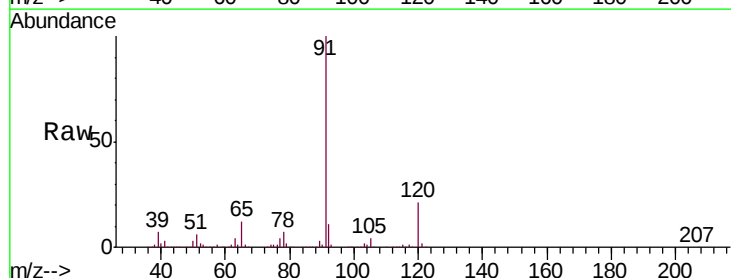
Acq: 12 Jun 2019 14:46

Tgt Ion: 91 Resp: 322311

Ion Ratio Lower Upper

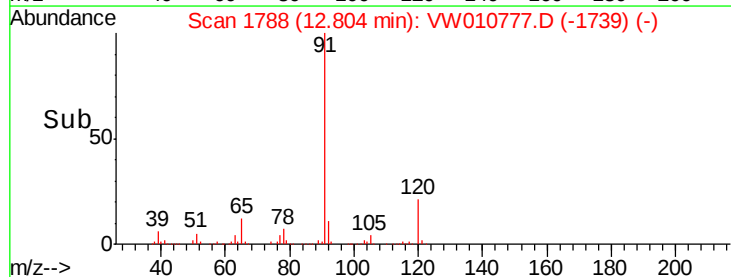
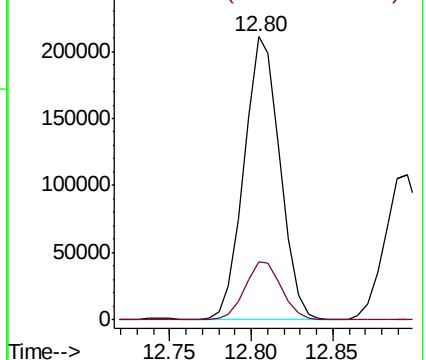
91 100

120 20.9 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: 12.188 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

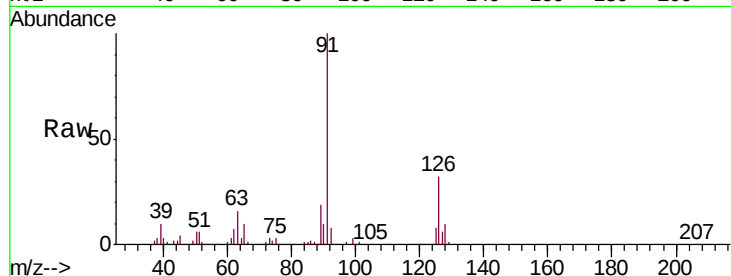
VW0612SBSD01

Tgt Ion: 91 Resp: 178258

Ion Ratio Lower Upper

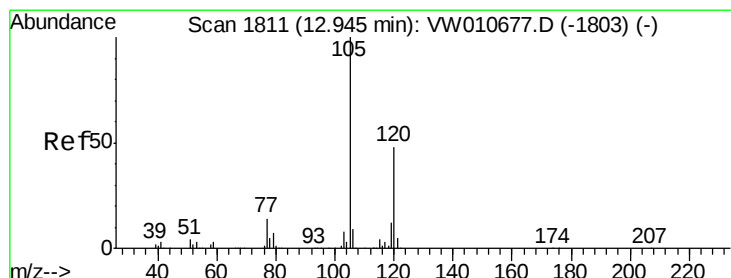
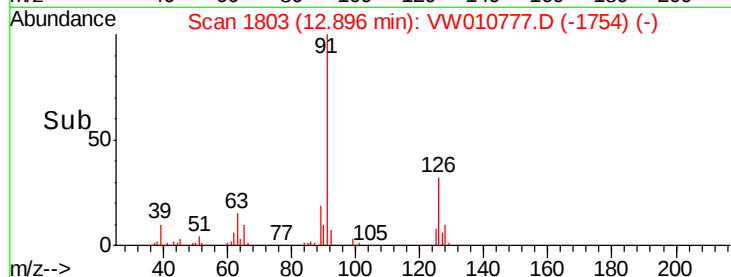
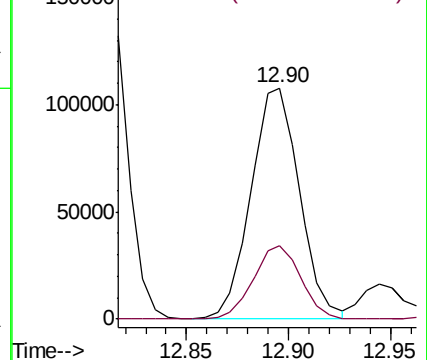
91 100

126 30.9 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: 12.485 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010777.D

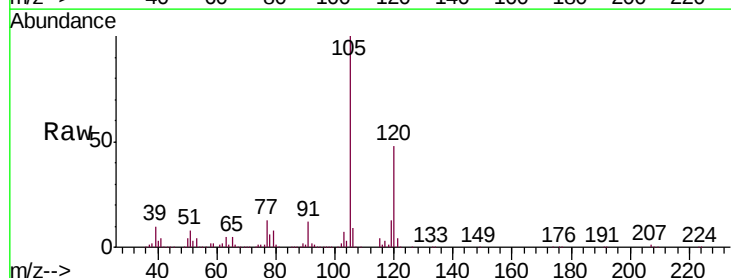
Acq: 12 Jun 2019 14:46

Tgt Ion: 105 Resp: 216957

Ion Ratio Lower Upper

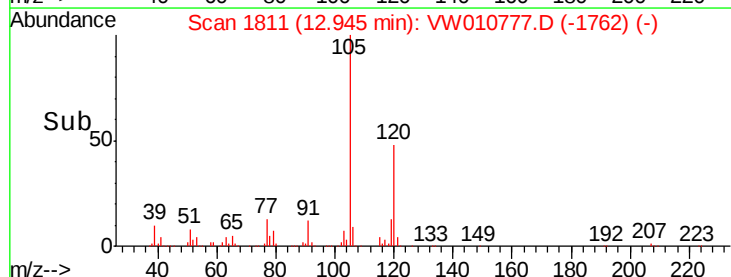
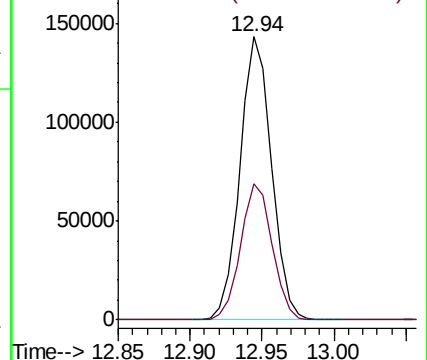
105 100

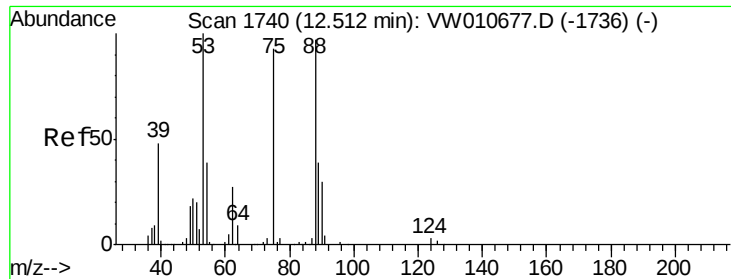
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

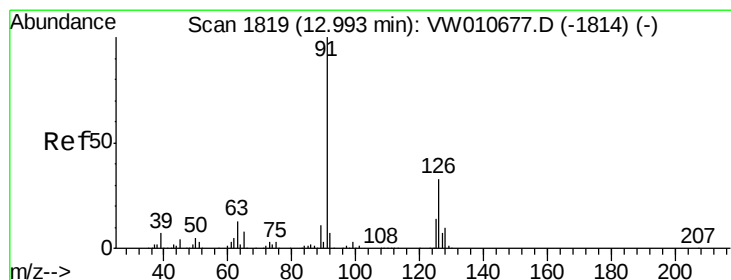
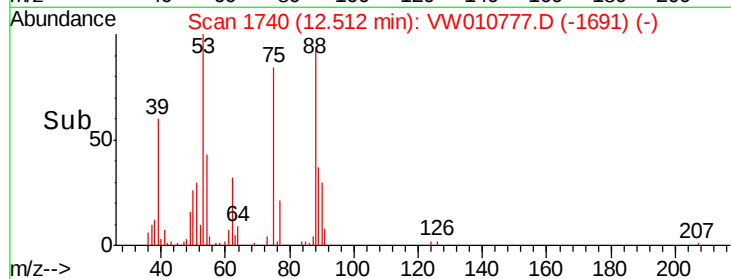
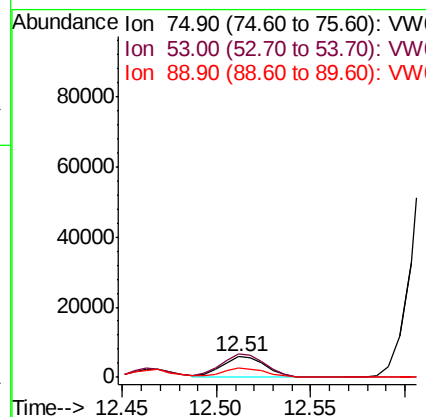
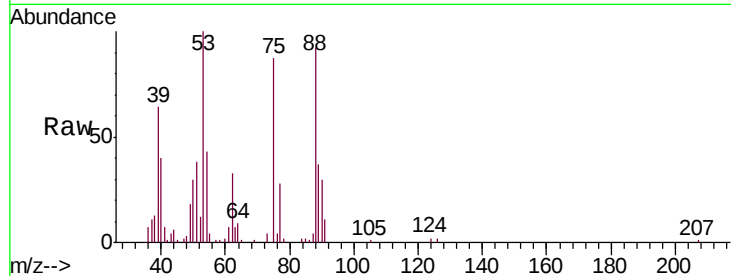




#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.268 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

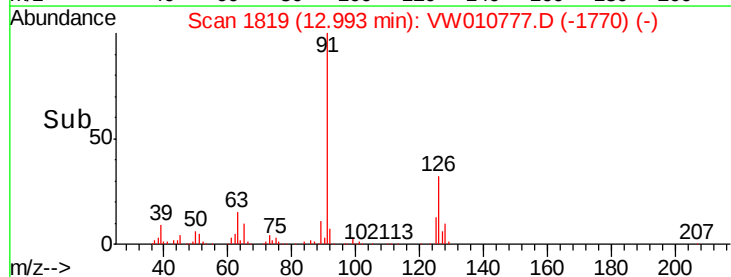
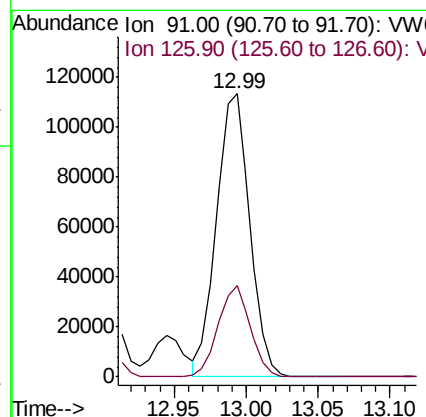
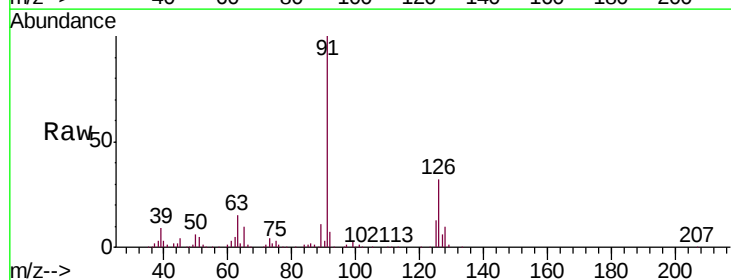
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

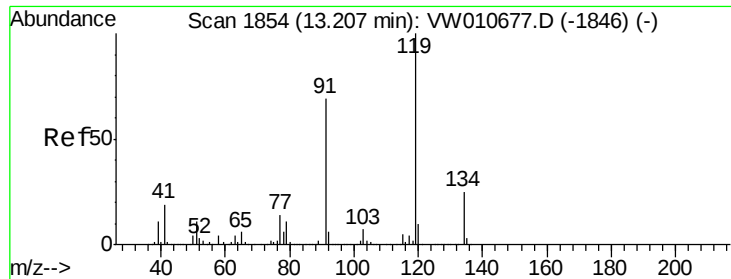
Tgt Ion: 75 Resp: 9382
 Ion Ratio Lower Upper
 75 100
 53 119.1 90.1 135.1
 89 43.9 34.6 52.0



#82
 4-Chlorotoluene
 Concen: 12.138 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 91 Resp: 183195
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7

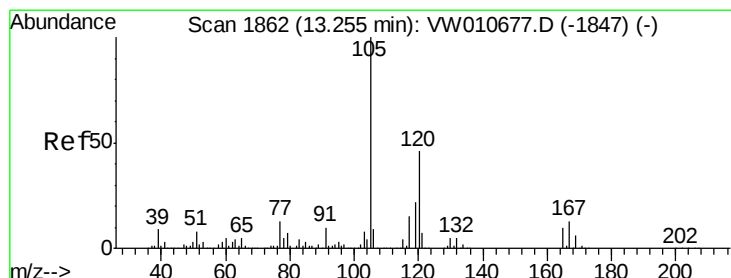
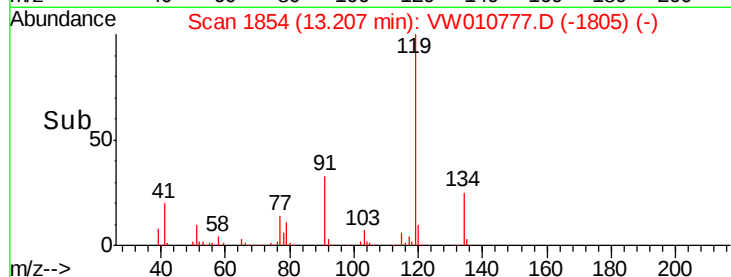
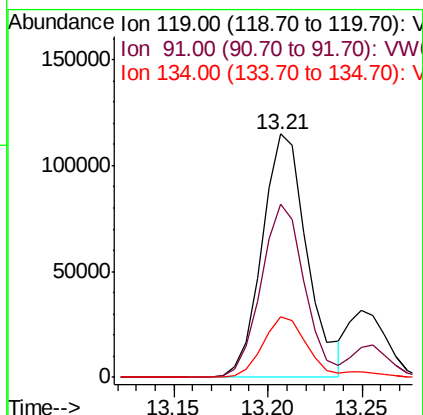
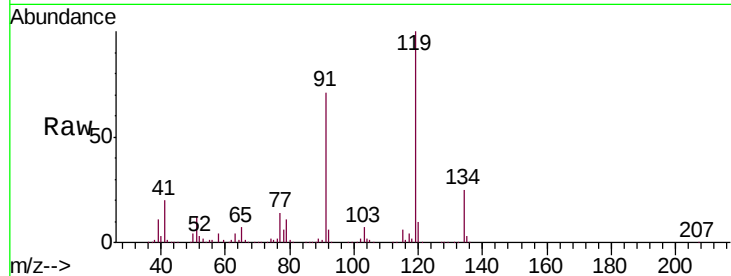




#83
 tert-Butylbenzene
 Concen: 12.921 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

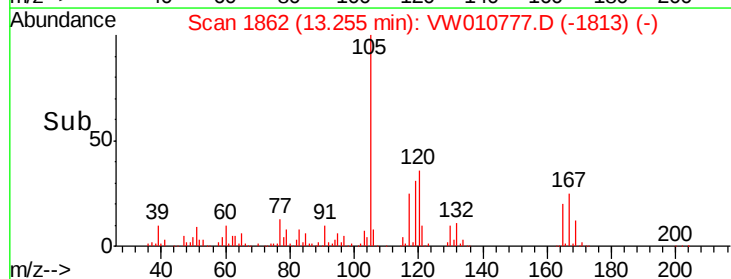
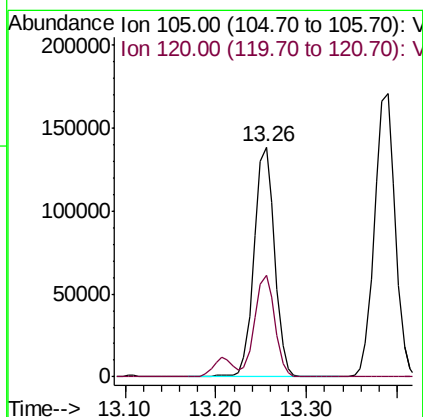
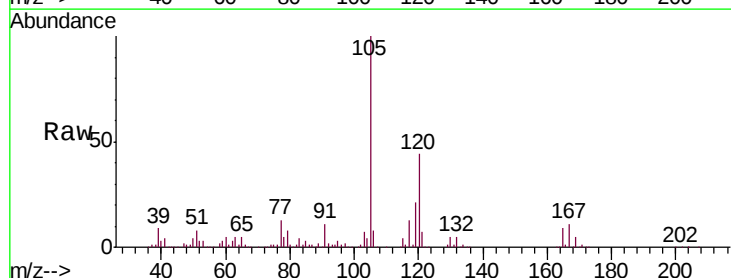
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

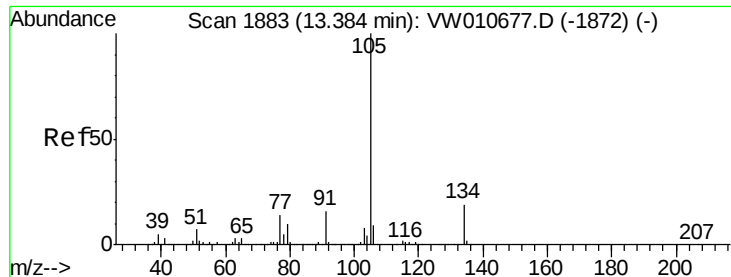
Tgt Ion:119 Resp: 190549
 Ion Ratio Lower Upper
 119 100
 91 69.0 35.1 105.3
 134 25.9 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 12.428 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion:105 Resp: 217314
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.5 67.5

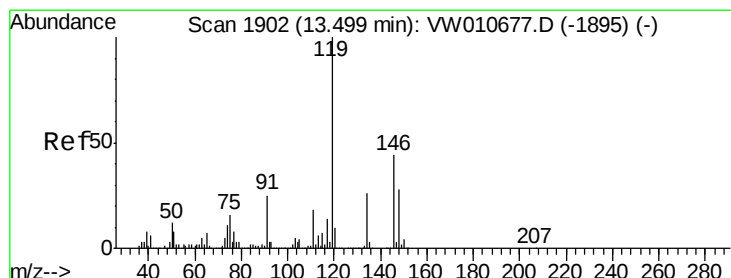
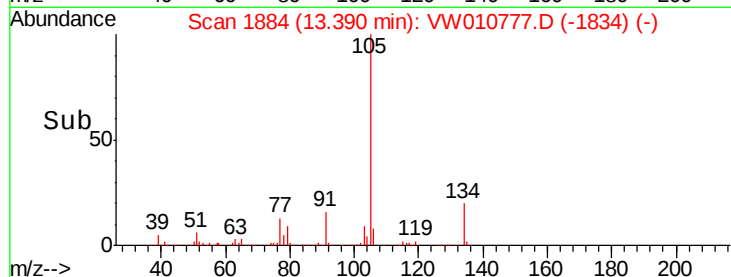
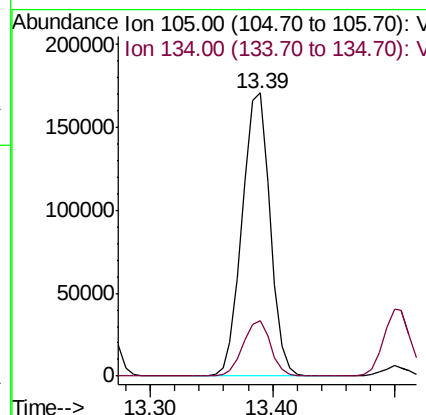
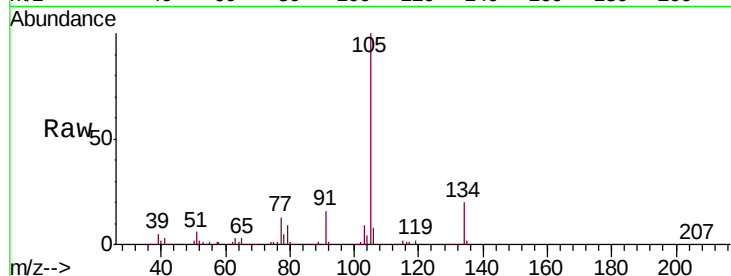




#85
 sec-Butylbenzene
 Concen: 12.534 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

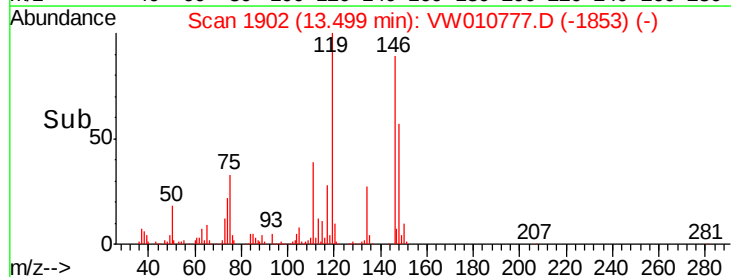
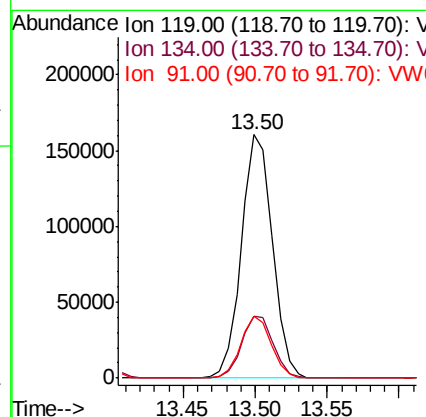
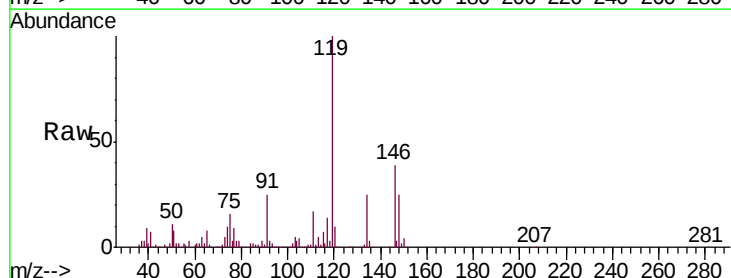
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

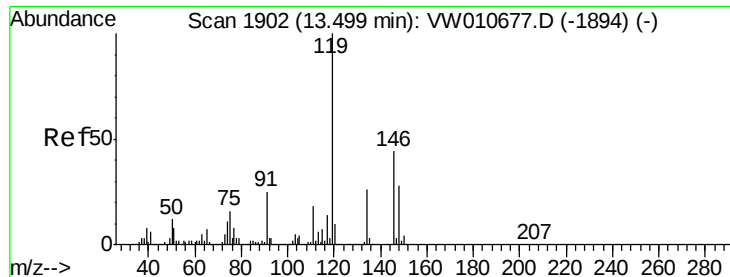
Tgt Ion:105 Resp: 269133
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 12.475 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion:119 Resp: 239529
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.9 12.2 36.4

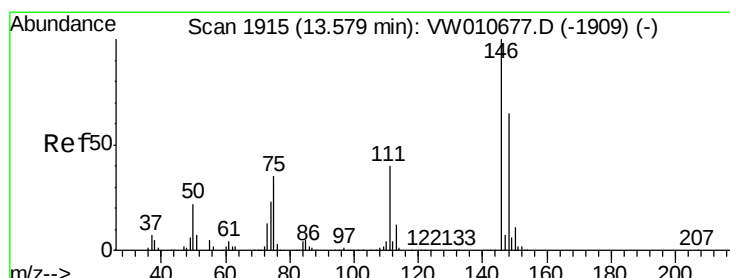
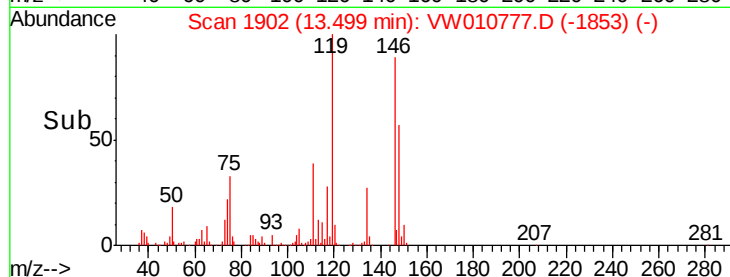
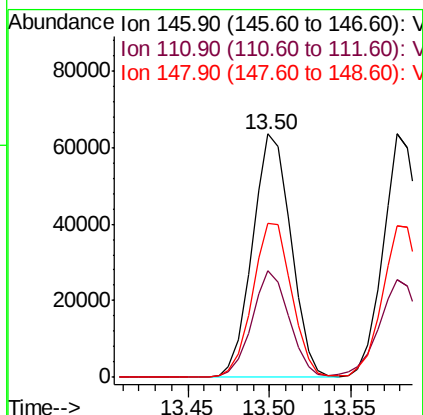
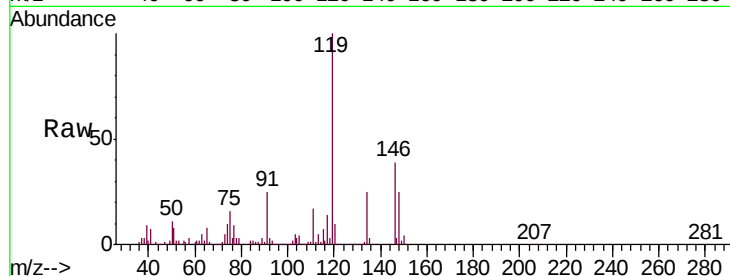




#87
 1,3-Dichlorobenzene
 Concen: 11.638 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

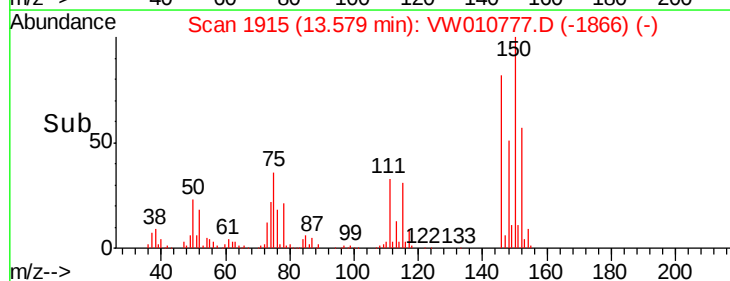
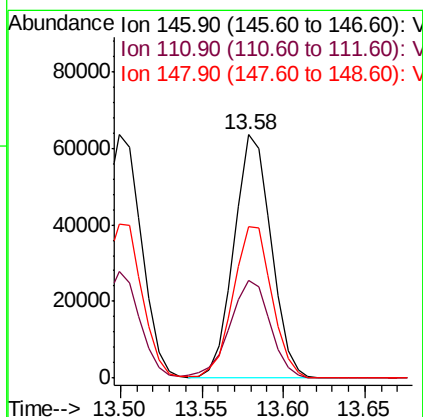
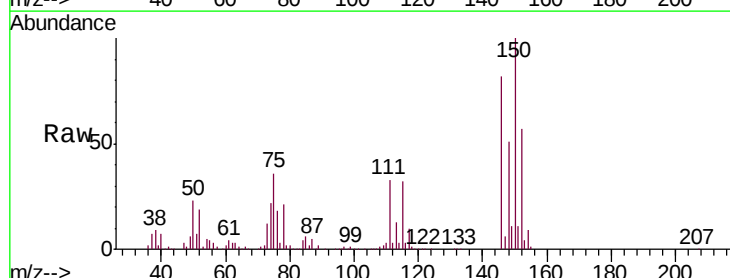
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

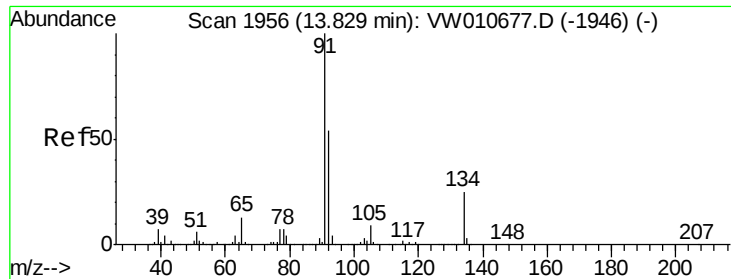
Tgt Ion:146 Resp: 104007
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.4 61.3
 148 64.3 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 11.412 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion:146 Resp: 101104
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.3 60.9
 148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 12.839 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010777.D

Acq: 12 Jun 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

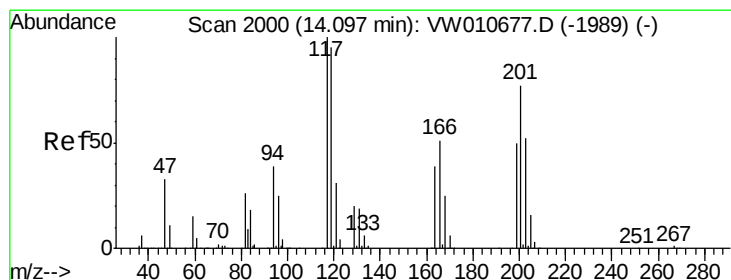
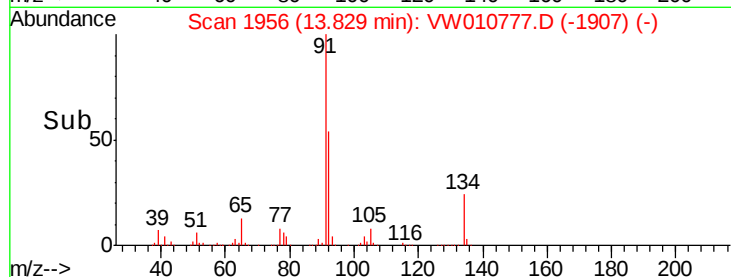
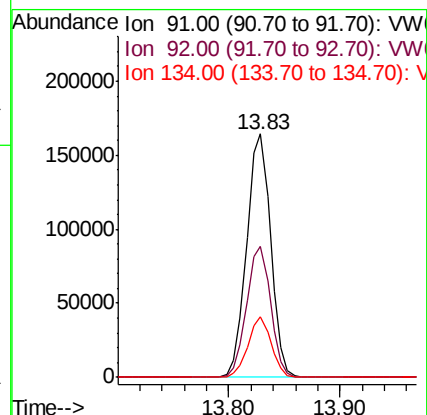
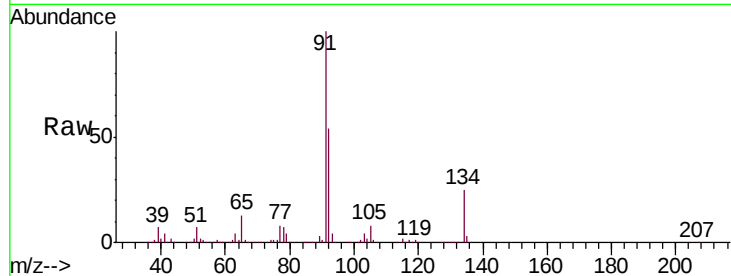
Tgt Ion: 91 Resp: 245964

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.8

134 24.1 12.3 36.9



#90

Hexachloroethane

Concen: 12.077 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010777.D

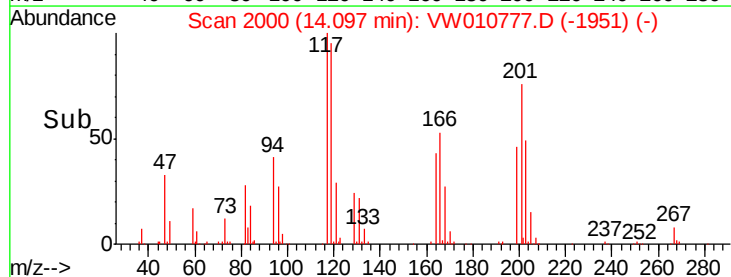
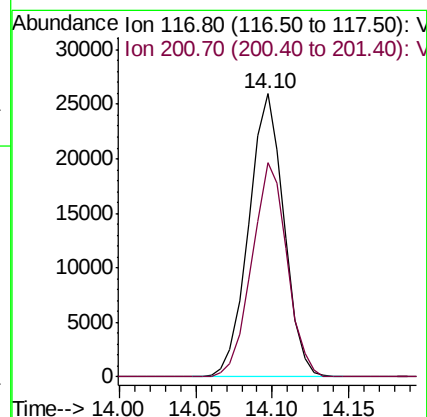
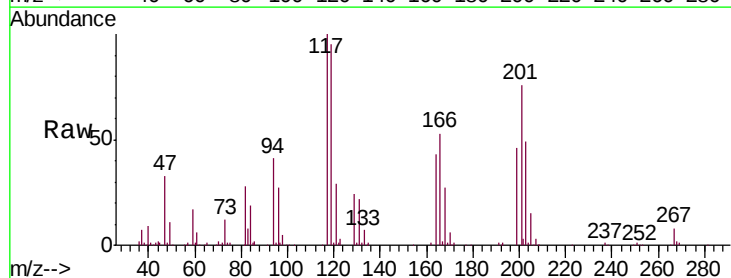
Acq: 12 Jun 2019 14:46

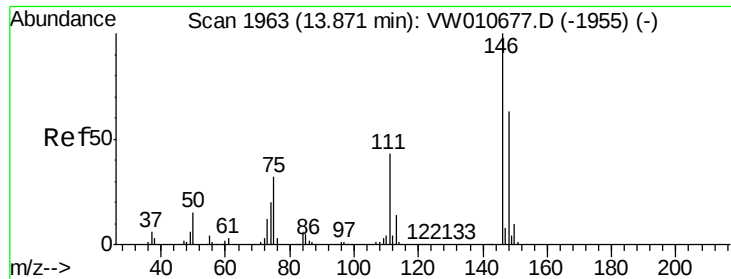
Tgt Ion: 117 Resp: 41528

Ion Ratio Lower Upper

117 100

201 75.8 38.8 116.4

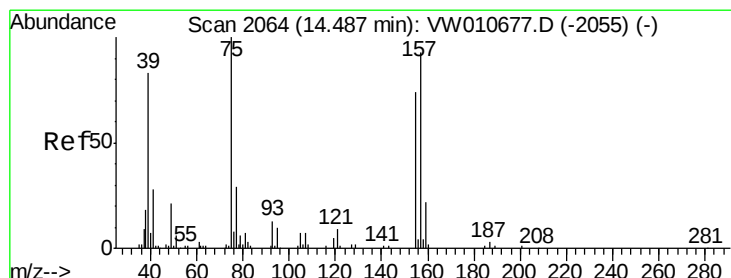
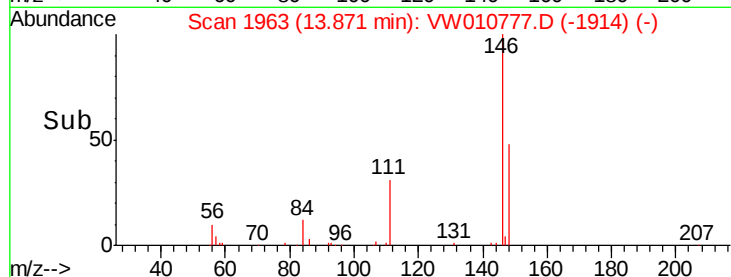
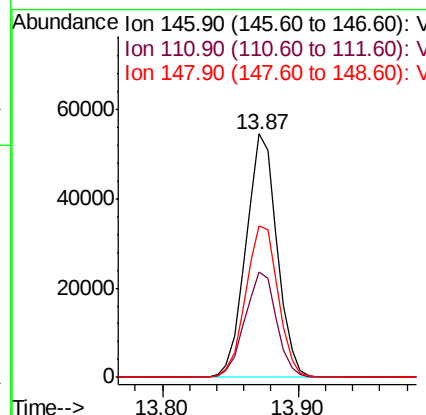
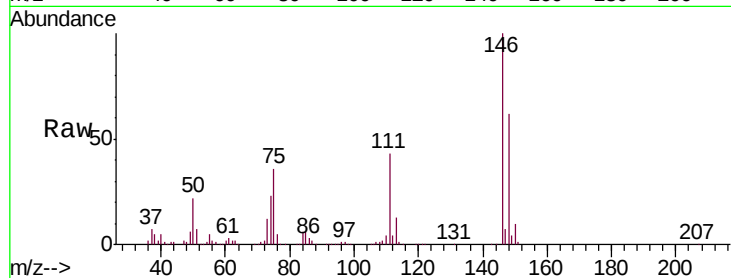




#91
 1,2-Dichlorobenzene
 Concen: 10.830 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

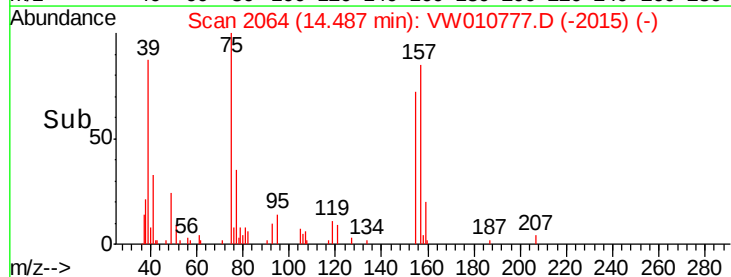
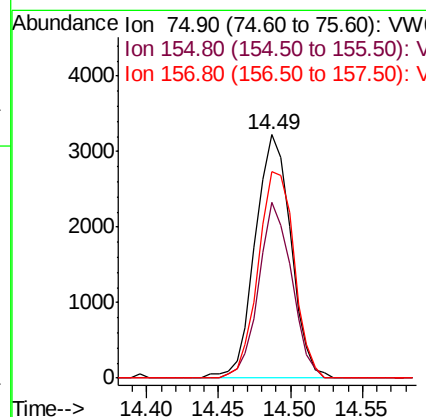
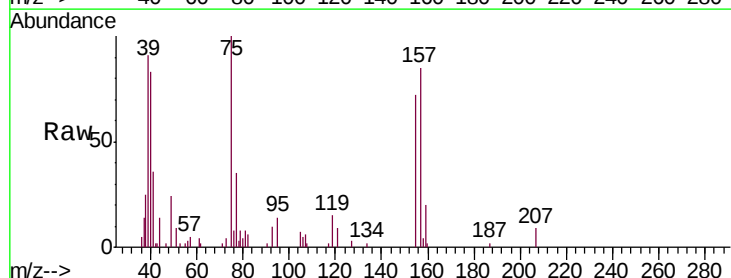
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

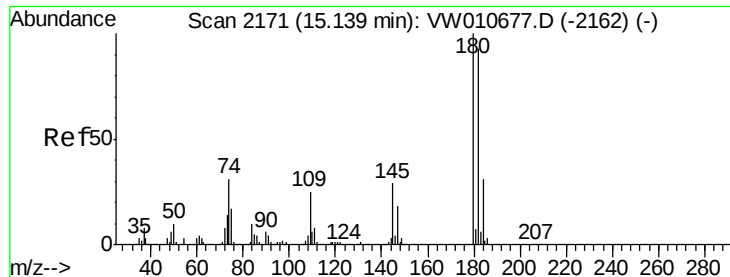
Tgt Ion:146 Resp: 87037
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.5 64.5
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.951 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion: 75 Resp: 5518
 Ion Ratio Lower Upper
 75 100
 155 66.5 38.8 116.4
 157 85.2 48.4 145.0

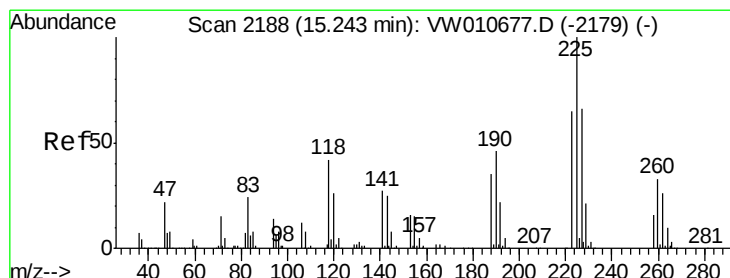
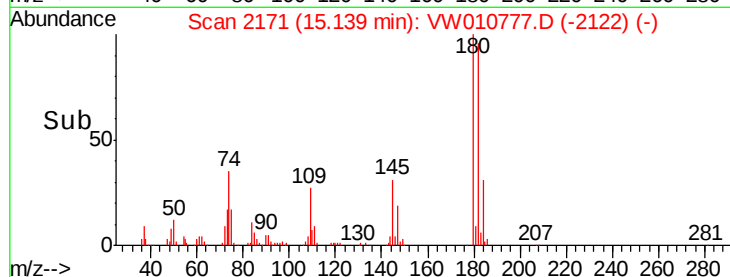
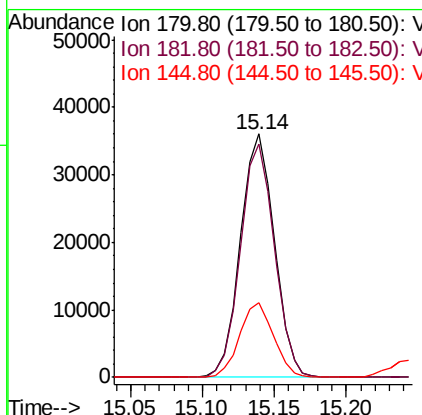
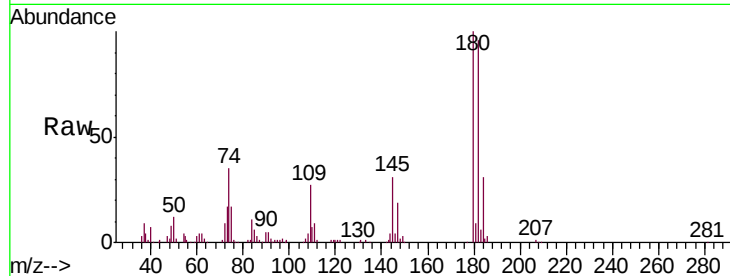




#93
 1,2,4-Trichlorobenzene
 Concen: 10.459 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

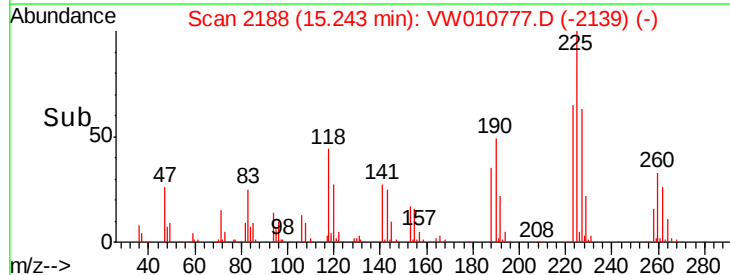
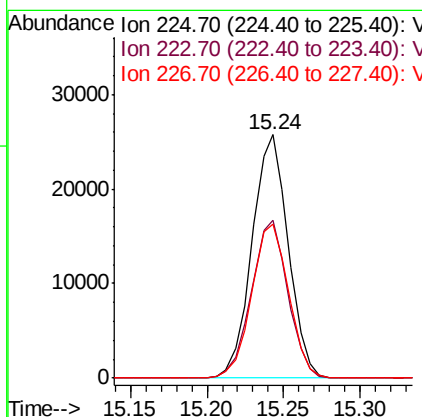
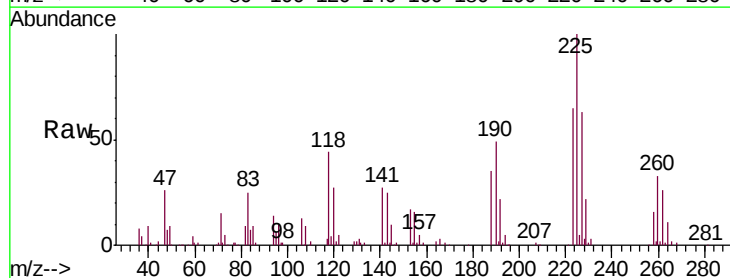
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

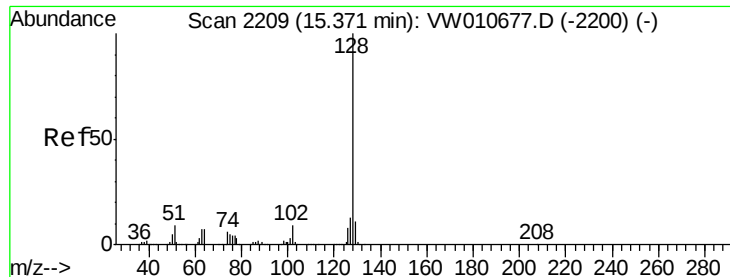
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.4
145	30.7	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 11.957 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010777.D
 Acq: 12 Jun 2019 14:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.2	96.6
227	65.0	32.0	96.0

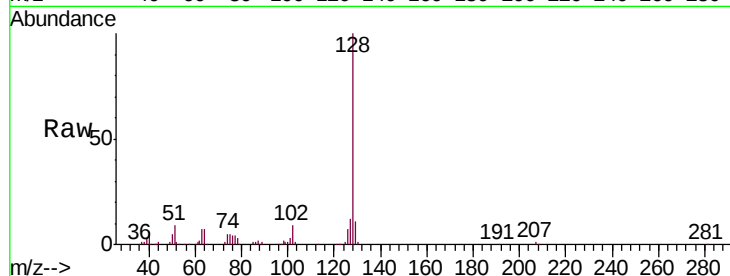




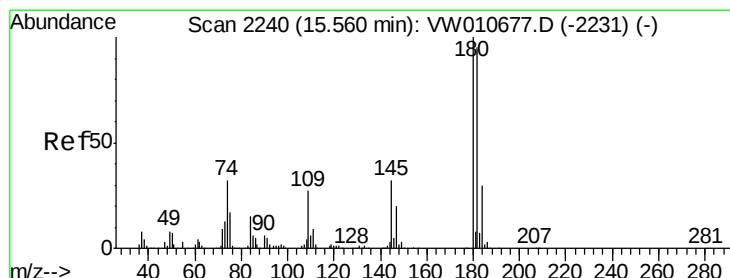
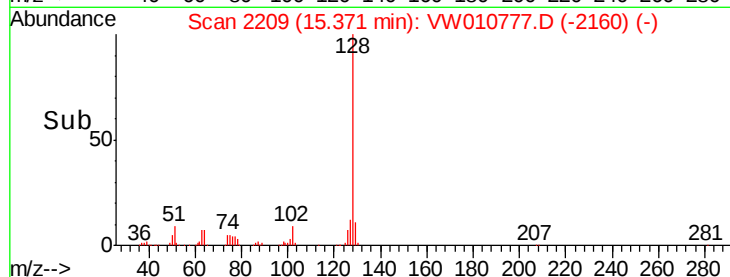
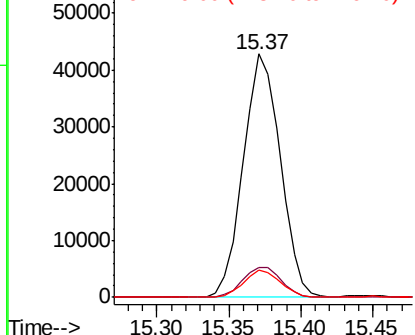
#95
Naphthalene
Concen: 7.452 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion:128 Resp: 76358
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.6 13.0

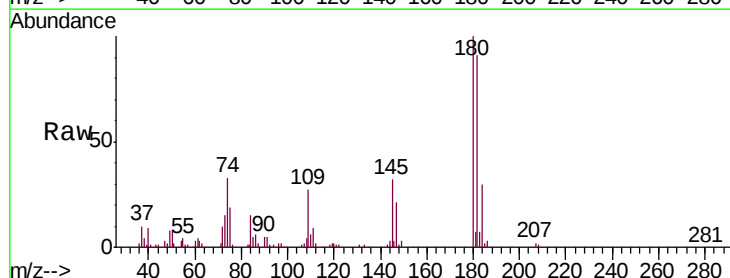


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 9.836 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010777.D
Acq: 12 Jun 2019 14:46

Tgt Ion:180 Resp: 47177
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 32.8 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

