

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006603.D
 Acq On : 02 Nov 2018 16:06
 Operator : SY/AP
 Sample : VW1103SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Quant Time: Nov 03 00:25:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105816	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.88	113	112414	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.32	98	431496	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	152516	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35008	26.999	ug/l	96
3) Chloromethane	2.21	50	37342	23.276	ug/l	94
4) Vinyl Chloride	2.37	62	54477	24.319	ug/l	98
5) Bromomethane	2.78	94	43945	23.376	ug/l	98
6) Chloroethane	2.93	64	35606	22.749	ug/l	96
7) Trichlorofluoromethane	3.26	101	44138	22.313	ug/l	92
8) Diethyl Ether	3.68	74	22310	20.632	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50336	23.829	ug/l	99
10) Methyl Iodide	4.26	142	77779	20.308	ug/l	98
11) Tert butyl alcohol	5.17	59	14919	128.787	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	45896	22.496	ug/l	91
13) Acrolein	3.89	56	13823	94.874	ug/l	96
14) Allyl chloride	4.66	41	57615	21.634	ug/l	99
15) Acrylonitrile	5.37	53	43028	110.976	ug/l	99
16) Acetone	4.12	43	56898	163.913	ug/l	95
17) Carbon Disulfide	4.37	76	131444	22.640	ug/l	99
18) Methyl Acetate	4.67	43	21141	21.180	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	59311	19.530	ug/l	100
20) Methylene Chloride	4.91	84	48405	17.653	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	50761	21.988	ug/l	99
22) Diisopropyl ether	6.31	45	117121	21.095	ug/l	97
23) Vinyl Acetate	6.26	43	333084	108.186	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81930	21.774	ug/l	99
25) 2-Butanone	7.17	43	64704	130.628	ug/l	99
26) 2,2-Dichloropropane	7.17	77	52370	23.105	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55173	21.362	ug/l	99
28) Bromochloromethane	7.51	49	30681	20.534	ug/l	96
29) Tetrahydrofuran	7.53	42	34671	111.285	ug/l	98
30) Chloroform	7.68	83	88038	21.340	ug/l	94
31) Cyclohexane	7.95	56	75462	22.035	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76435	21.896	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71766	23.270	ug/l	99
37) Ethyl Acetate	7.26	43	24194	22.638	ug/l	99
38) Carbon Tetrachloride	8.07	117	75000	23.273	ug/l	99

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Quant Time: Nov 03 00:25:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91862	23.472	ug/l	99
40) Benzene	8.32	78	198000	22.603	ug/l	97
41) Methacrylonitrile	7.49	41	13306	20.304	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54912	21.858	ug/l	100
43) Isopropyl Acetate	8.43	43	45554	21.360	ug/l	100
44) Trichloroethene	9.09	130	60594	22.416	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45244	22.194	ug/l	99
46) Dibromomethane	9.46	93	26337	21.978	ug/l	98
47) Bromodichloromethane	9.65	83	61573	22.129	ug/l	98
48) Methyl methacrylate	9.44	41	22380	21.781	ug/l	99
49) 1,4-Dioxane	9.45	88	8153	464.889	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	123895	113.115	ug/l	99
52) Toluene	10.39	92	131596	22.398	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59200	22.107	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	69365	21.920	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36801	21.644	ug/l	95
56) Ethyl methacrylate	10.65	69	40983	21.207	ug/l	95
57) 1,3-Dichloropropane	10.93	76	59838	21.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93053	99.054	ug/l	100
59) 2-Hexanone	10.97	43	94351	126.830	ug/l	98
60) Dibromochloromethane	11.13	129	43676	21.681	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36628	21.693	ug/l	100
64) Tetrachloroethene	10.87	164	54586	21.086	ug/l	97
65) Chlorobenzene	11.66	112	150551	22.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	51429	21.412	ug/l	98
67) Ethyl Benzene	11.73	91	253085	22.157	ug/l	99
68) m/p-Xylenes	11.84	106	203926	44.687	ug/l	100
69) o-Xylene	12.17	106	93522	21.526	ug/l	96
70) Styrene	12.18	104	155241	21.917	ug/l	100
71) Bromoform	12.35	173	27440	21.551	ug/l #	98
73) Isopropylbenzene	12.47	105	266183	21.938	ug/l	100
74) N-amyl acetate	12.27	43	44668	21.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41911	21.870	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52826	36.758	ug/l #	100
77) Bromobenzene	12.75	156	67497	21.485	ug/l	99
78) n-propylbenzene	12.81	91	315157	22.582	ug/l	100
79) 2-Chlorotoluene	12.90	91	175701	21.936	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	225627	22.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10912	21.278	ug/l	95
82) 4-Chlorotoluene	12.99	91	187362	22.111	ug/l	100
83) tert-Butylbenzene	13.21	119	199474	21.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	230891	22.083	ug/l	100
85) sec-Butylbenzene	13.39	105	288360	22.649	ug/l	100
86) p-Isopropyltoluene	13.51	119	260486	22.485	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	139018	22.470	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135323	22.066	ug/l	98
89) n-Butylbenzene	13.83	91	239532	23.292	ug/l	100
90) Hexachloroethane	14.10	117	42085	22.103	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	120923	21.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6277	20.186	ug/l	99

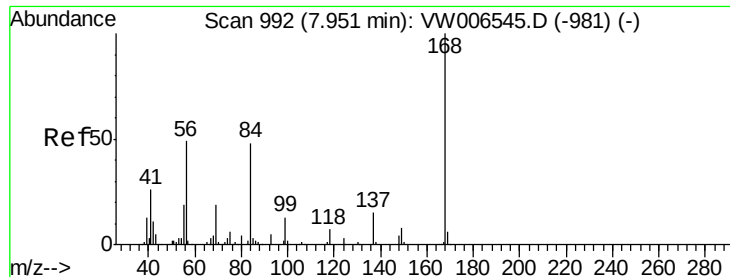
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	90113	21.776	ug/l	99
94) Hexachlorobutadiene	15.24	225	58695	22.758	ug/l	99
95) Naphthalene	15.38	128	139433	20.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	79414	21.836	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

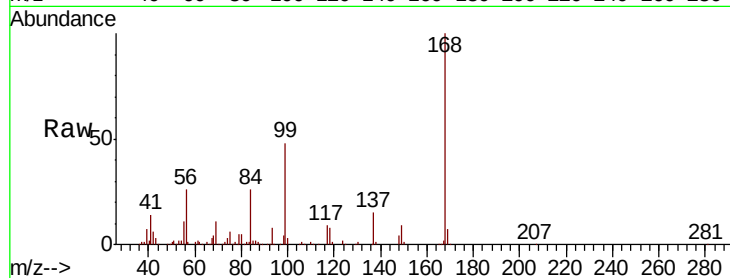
VW1104SBS01

Tgt Ion:168 Resp: 250123

Ion Ratio Lower Upper

168 100

99 47.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

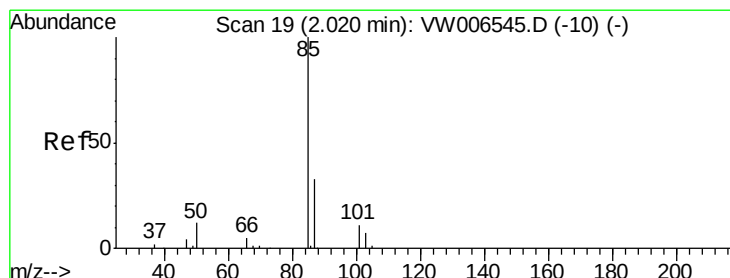
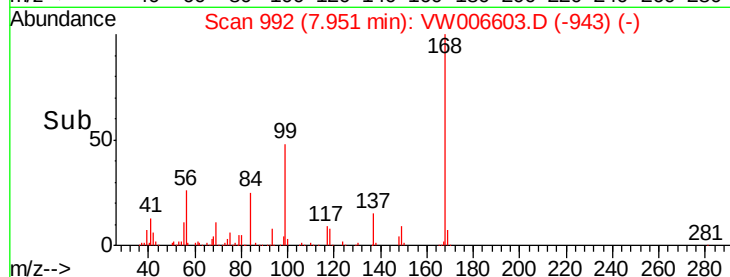
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 26.999 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006603.D

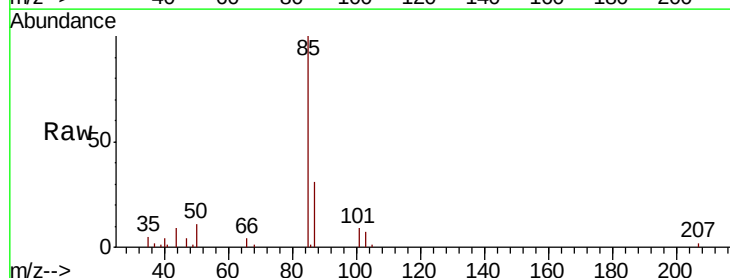
Acq: 02 Nov 2018 16:06

Tgt Ion: 85 Resp: 35008

Ion Ratio Lower Upper

85 100

87 31.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

4000

2000

0

1.90

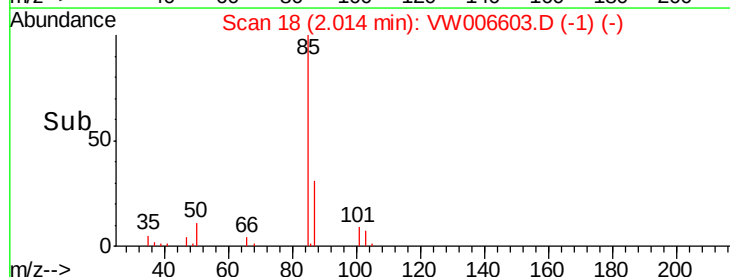
2.00

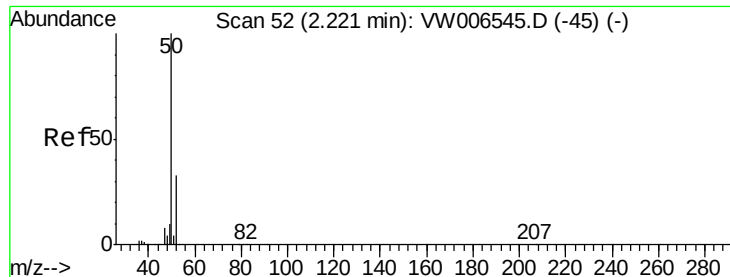
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 23.276 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

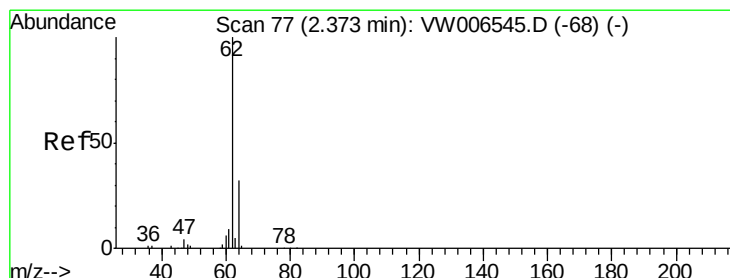
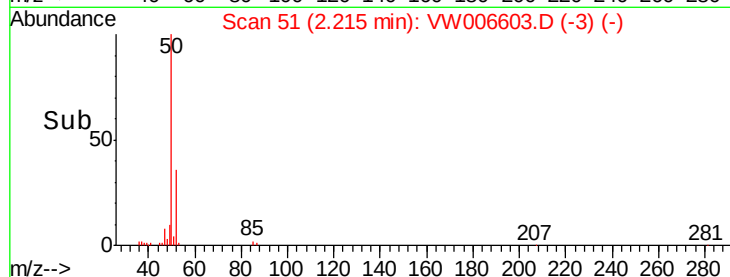
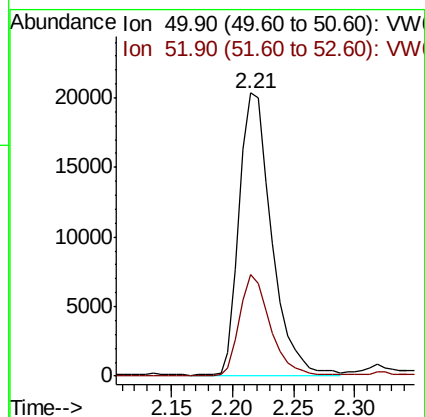
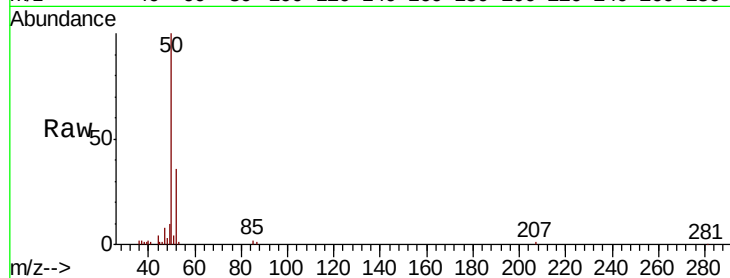
VW1104SBS01

Tgt Ion: 50 Resp: 37342

Ion Ratio Lower Upper

50 100

52 36.2 26.2 39.4



#4

Vinyl Chloride

Concen: 24.319 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006603.D

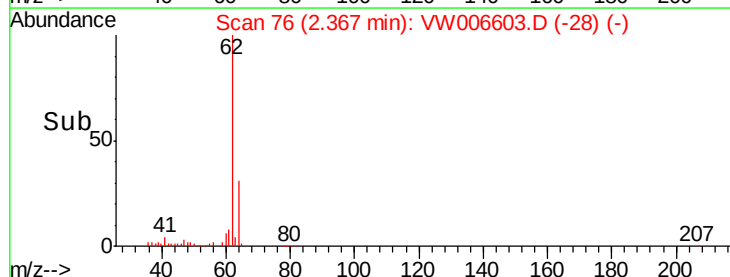
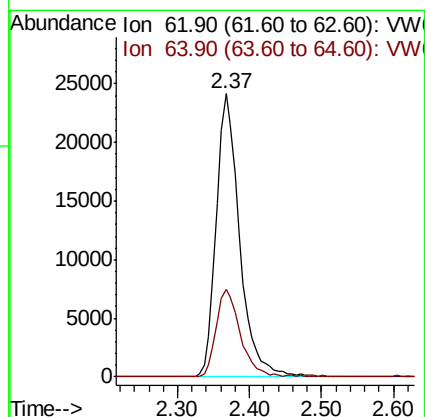
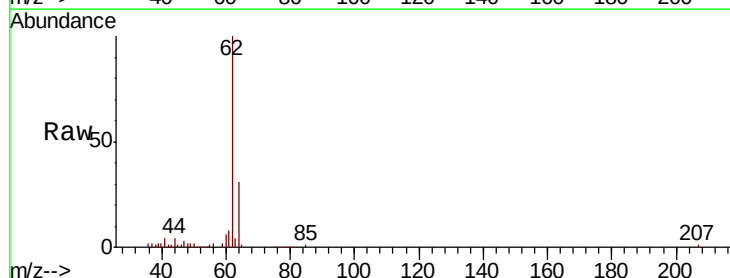
Acq: 02 Nov 2018 16:06

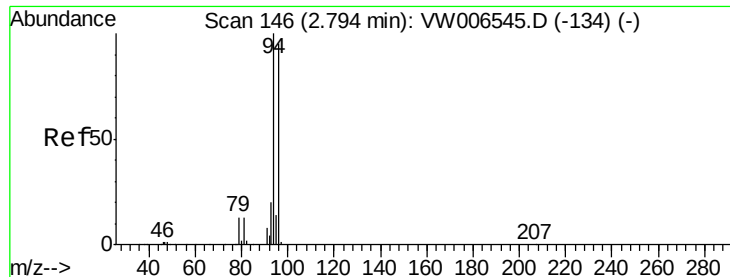
Tgt Ion: 62 Resp: 54477

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 23.376 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

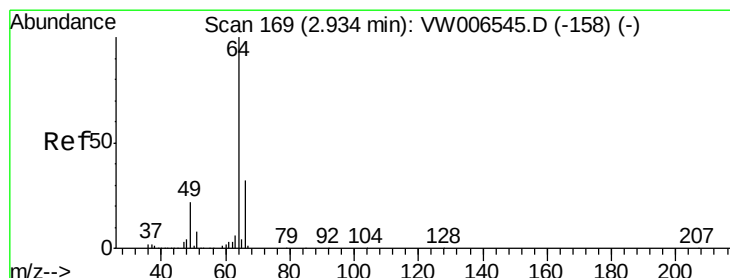
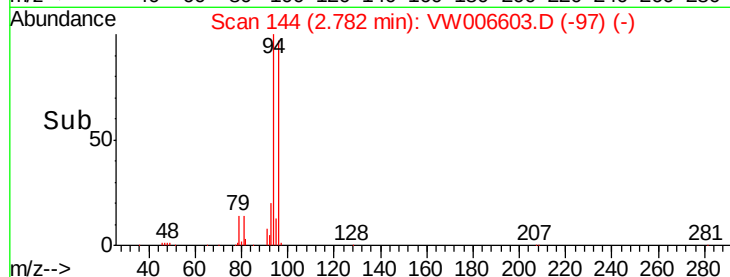
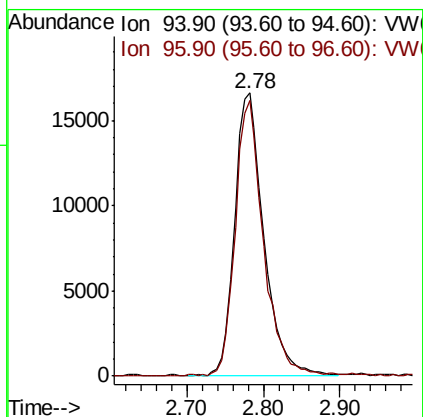
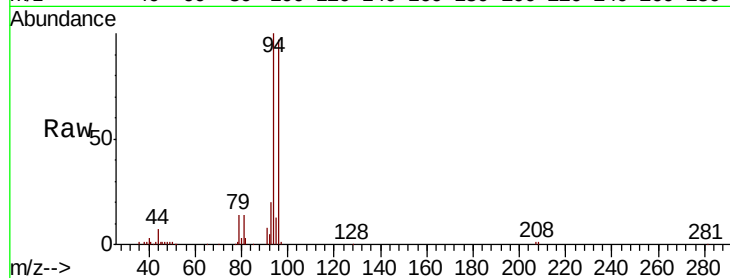
VW1104SBS01

Tgt Ion: 94 Resp: 43945

Ion Ratio Lower Upper

94 100

96 96.8 75.7 113.5



#6

Chloroethane

Concen: 22.749 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006603.D

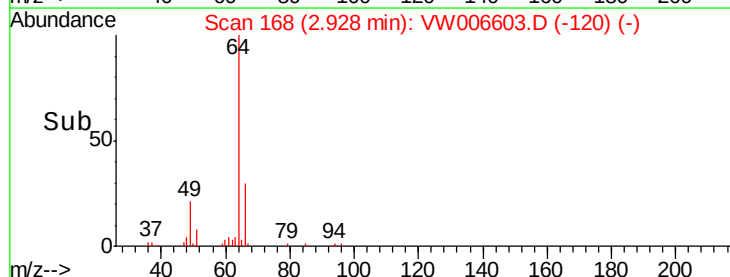
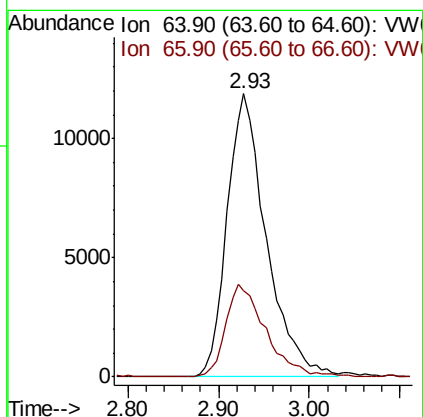
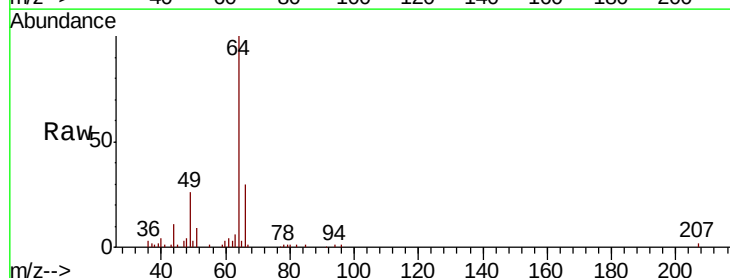
Acq: 02 Nov 2018 16:06

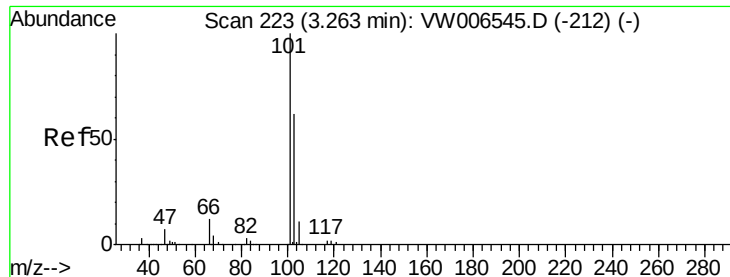
Tgt Ion: 64 Resp: 35606

Ion Ratio Lower Upper

64 100

66 30.3 25.9 38.9



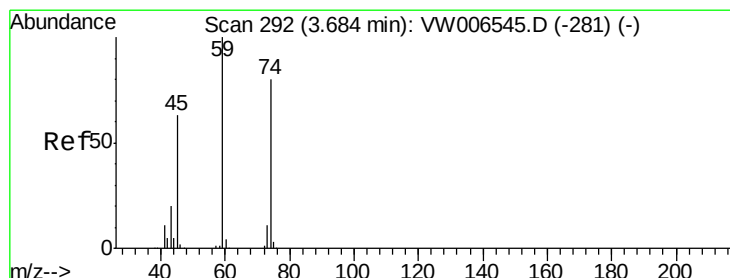
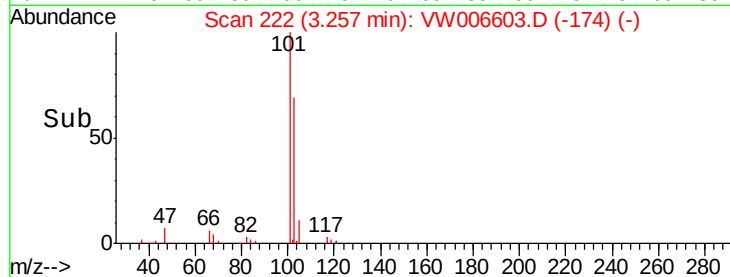
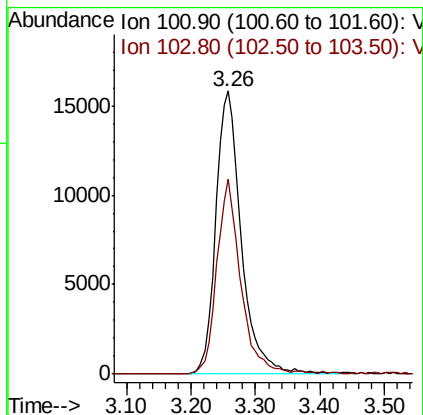
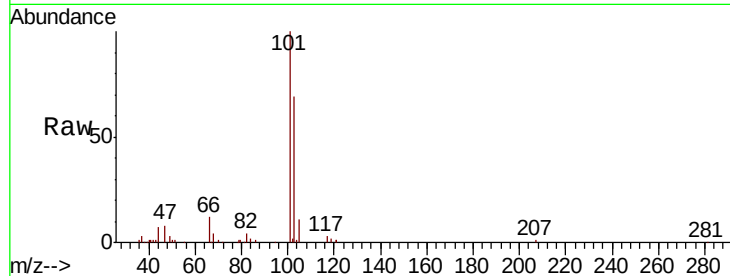


#7

Trichlorofluoromethane
 Concen: 22.313 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
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 VW1104SBS01

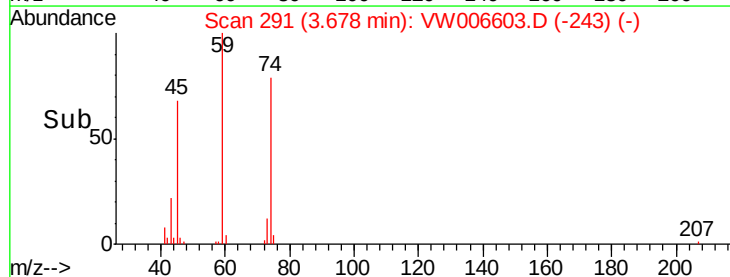
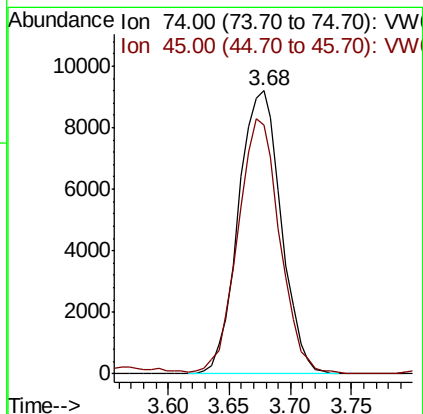
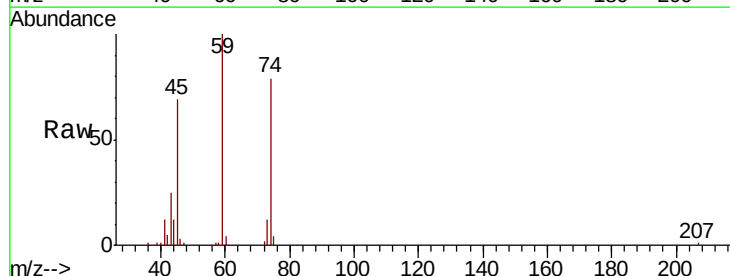
Tgt Ion:101 Resp: 44138
 Ion Ratio Lower Upper
 101 100
 103 68.9 49.8 74.8

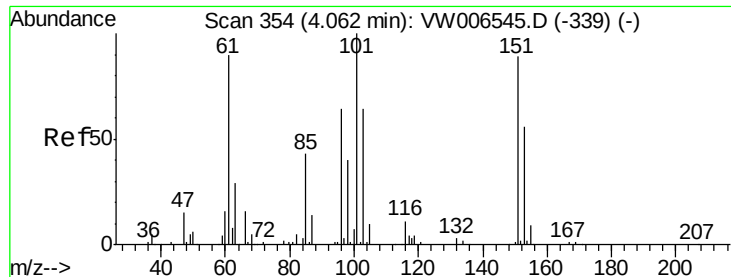


#8

Diethyl Ether
 Concen: 20.632 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 74 Resp: 22310
 Ion Ratio Lower Upper
 74 100
 45 88.7 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.829 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

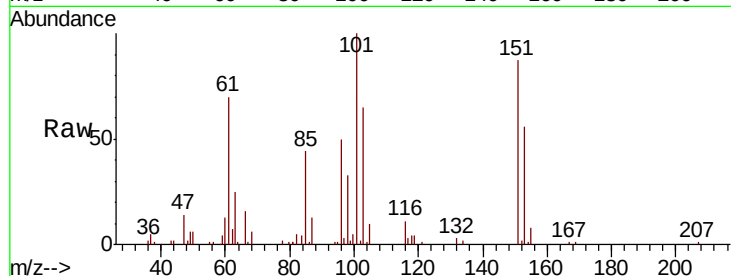
Tgt Ion:101 Resp: 50336

Ion Ratio Lower Upper

101 100

85 41.5 34.2 51.2

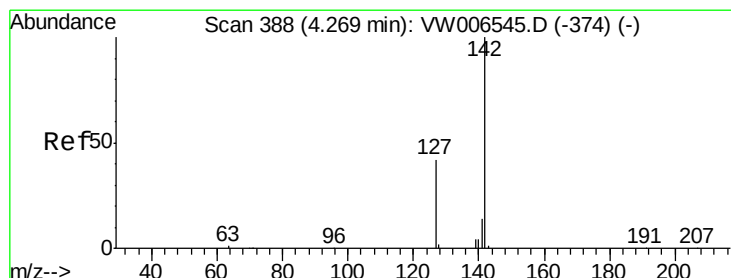
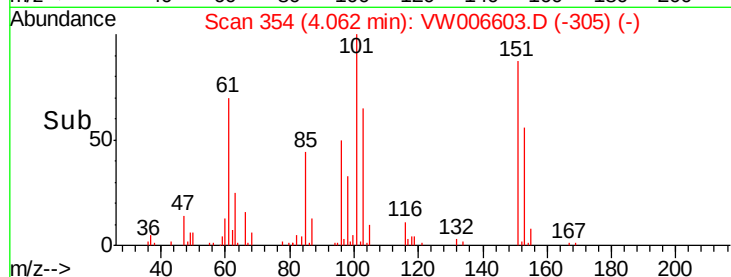
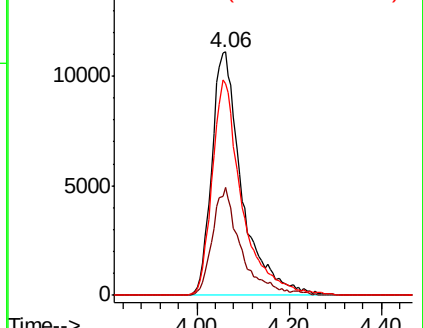
151 87.4 70.7 106.1



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: 20.308 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

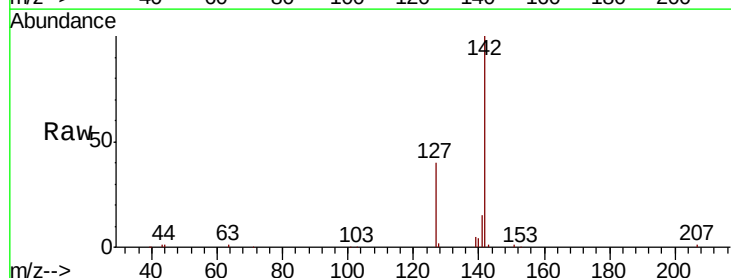
Tgt Ion:142 Resp: 77779

Ion Ratio Lower Upper

142 100

127 41.6 32.3 48.5

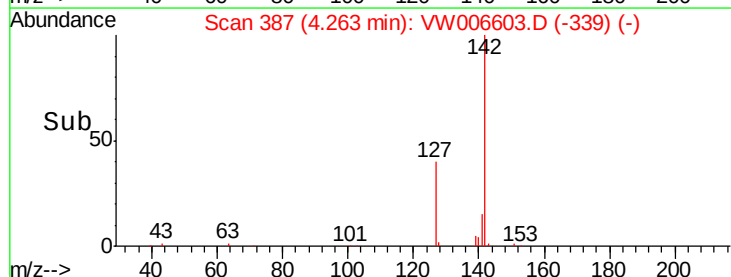
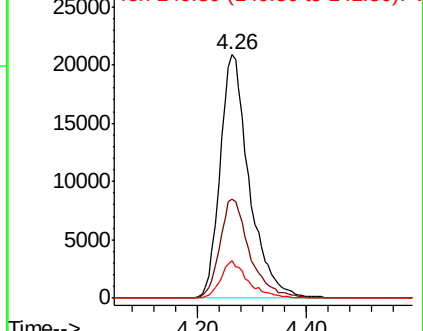
141 14.2 11.3 16.9

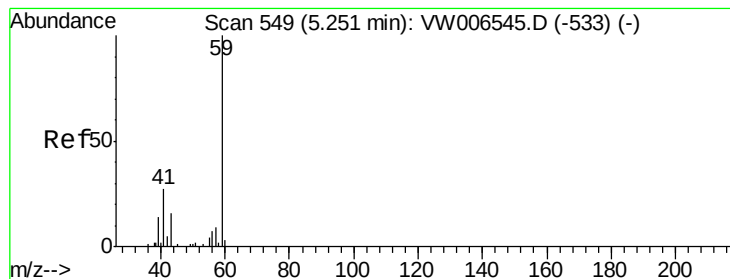


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



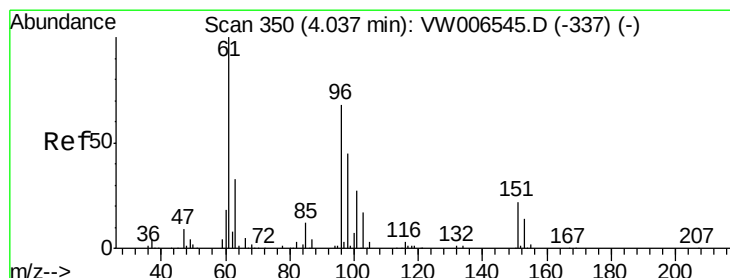
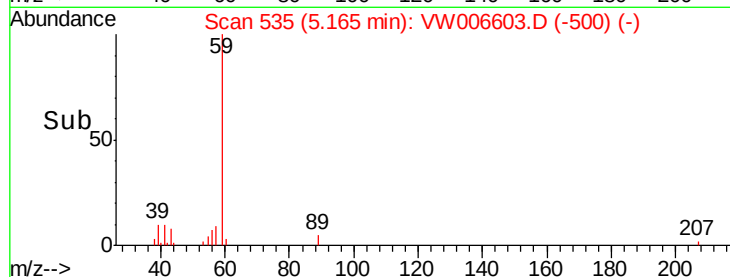
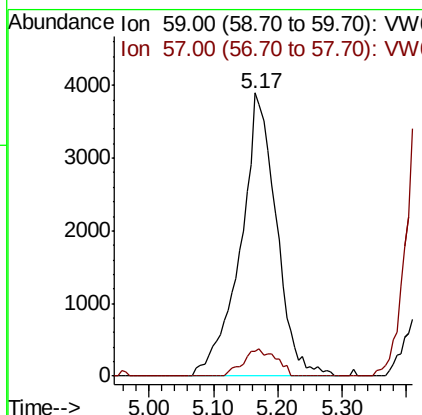
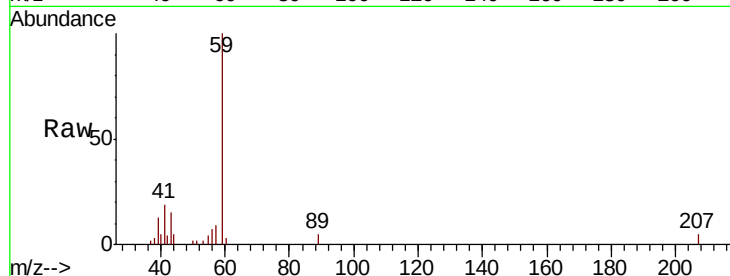


#11

Tert butyl alcohol
Concen: 128.787 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

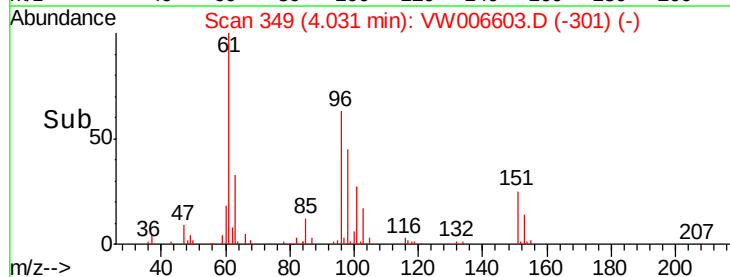
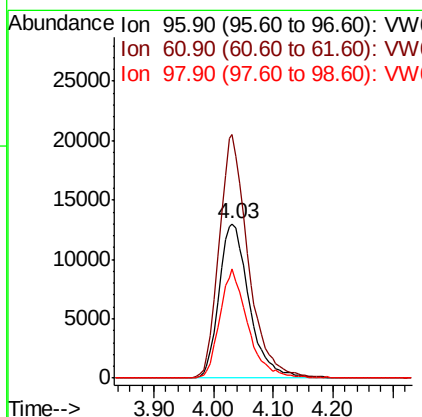
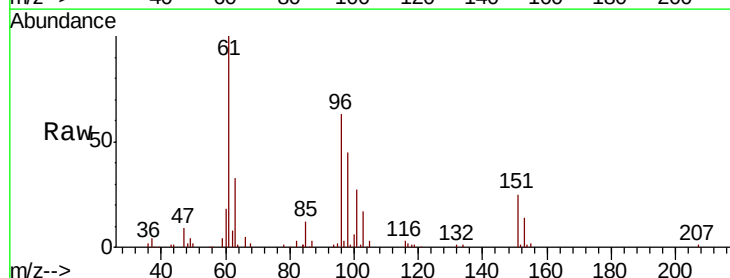
Tgt Ion: 59 Resp: 14919
Ion Ratio Lower Upper
59 100
57 8.9 4.3 6.5#

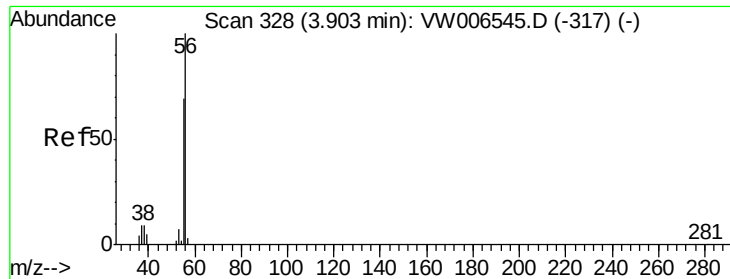


#12

1,1-Dichloroethene
Concen: 22.496 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 96 Resp: 45896
Ion Ratio Lower Upper
96 100
61 157.8 117.0 175.4
98 71.2 52.5 78.7





#13

Acrolein

Concen: 94.874 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.02 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

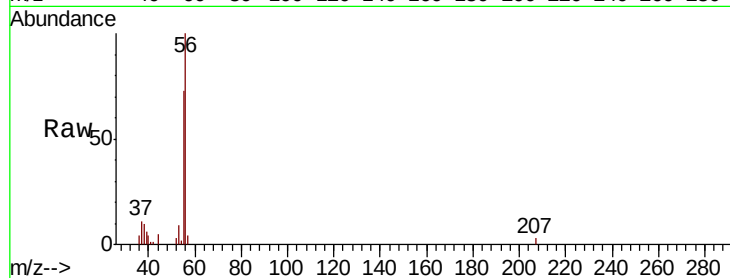
VW1104SBS01

Tgt Ion: 56 Resp: 13823

Ion Ratio Lower Upper

56 100

55 74.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

6000

5000

4000

3000

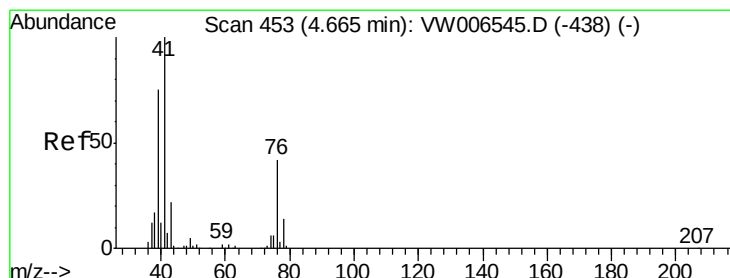
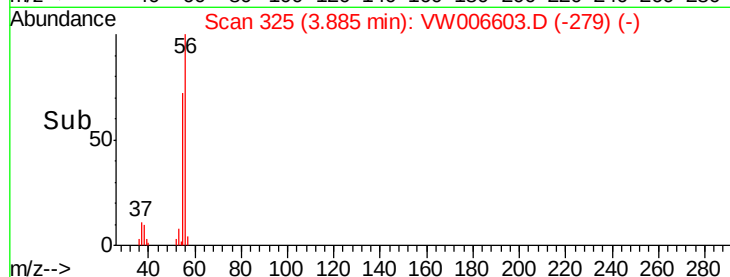
2000

1000

0

3.80 3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 21.634 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

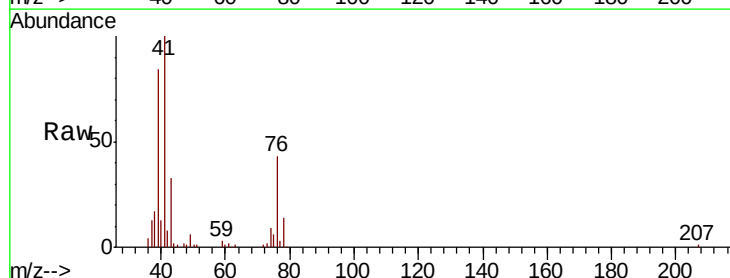
Tgt Ion: 41 Resp: 57615

Ion Ratio Lower Upper

41 100

39 78.9 62.1 93.1

76 42.1 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

25000

20000

15000

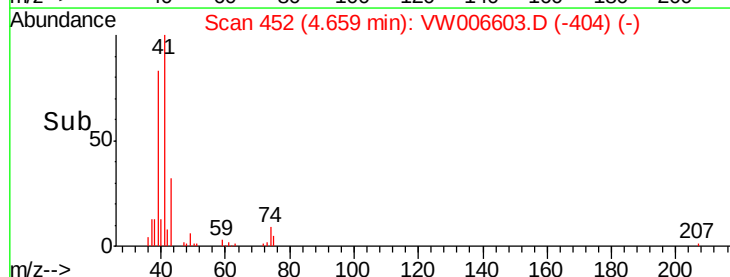
10000

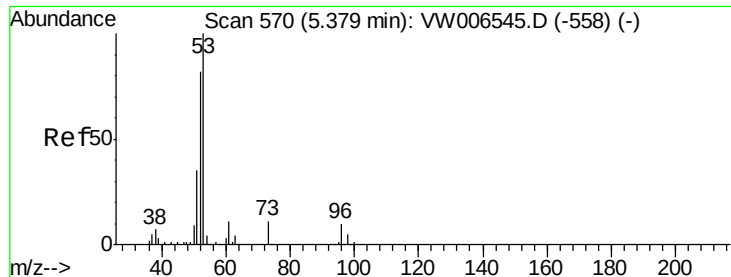
5000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 110.976 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

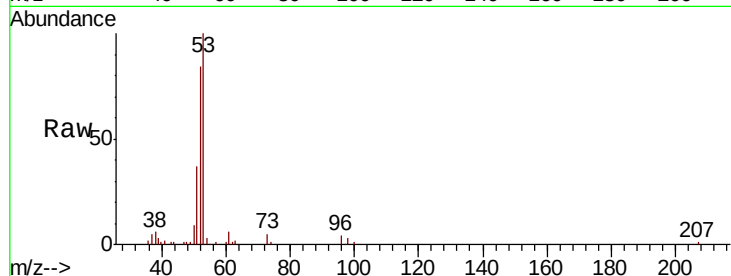
Tgt Ion: 53 Resp: 43028

Ion Ratio Lower Upper

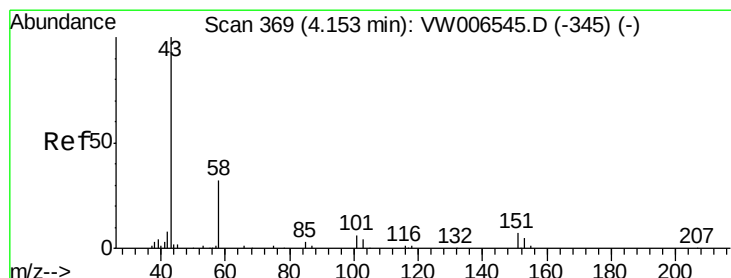
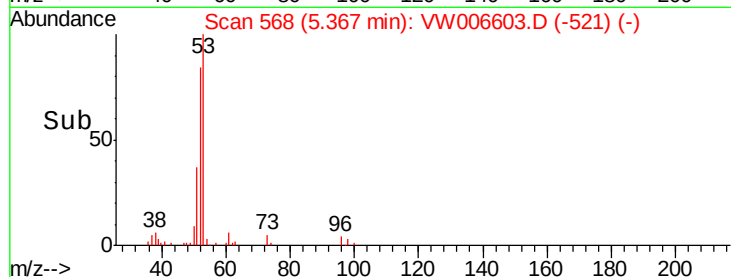
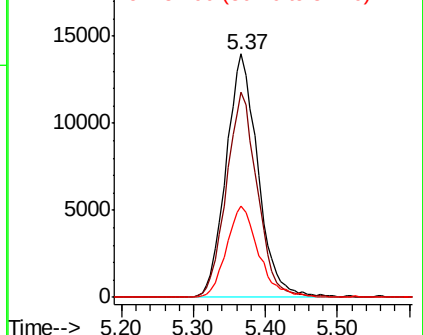
53 100

52 81.8 65.8 98.8

51 37.7 29.6 44.4



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: 163.913 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006603.D

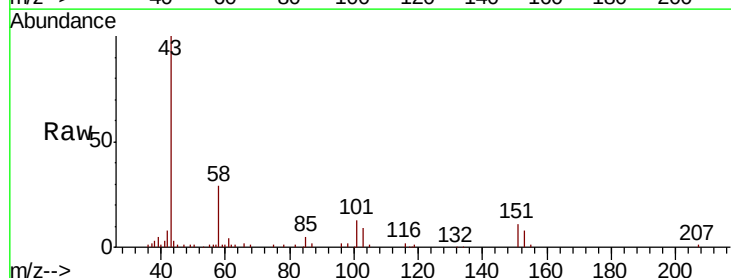
Acq: 02 Nov 2018 16:06

Tgt Ion: 43 Resp: 56898

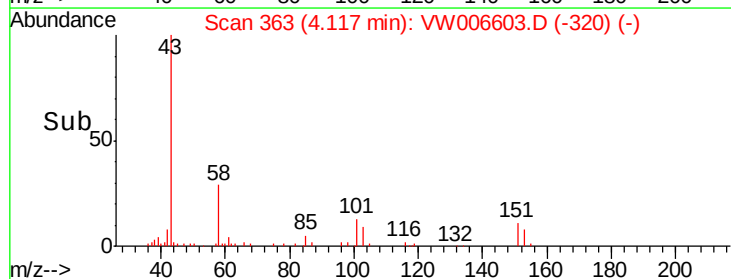
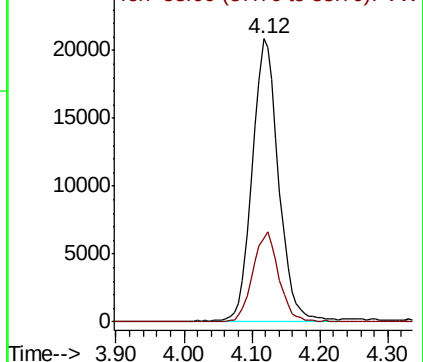
Ion Ratio Lower Upper

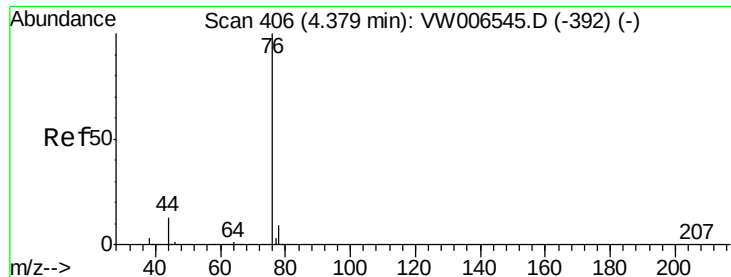
43 100

58 29.4 25.8 38.8



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





#17

Carbon Disulfide

Concen: 22.640 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

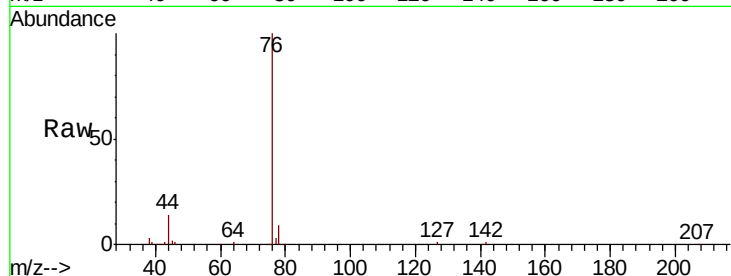
VW1104SBS01

Tgt Ion: 76 Resp: 131444

Ion Ratio Lower Upper

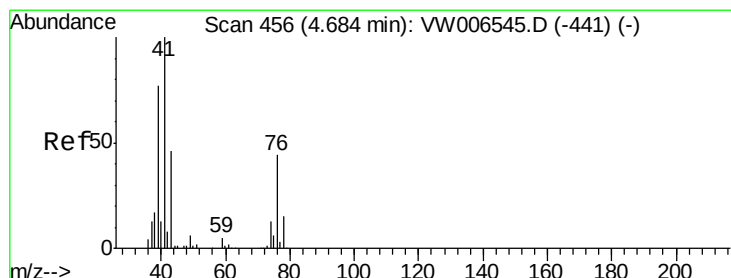
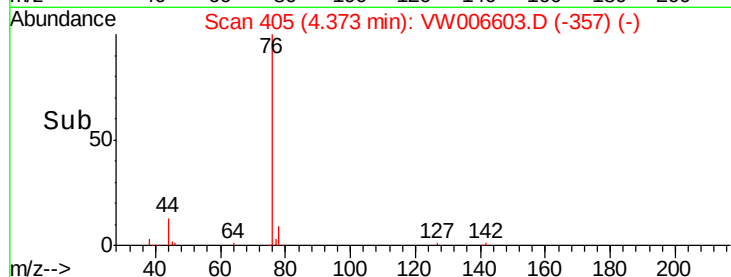
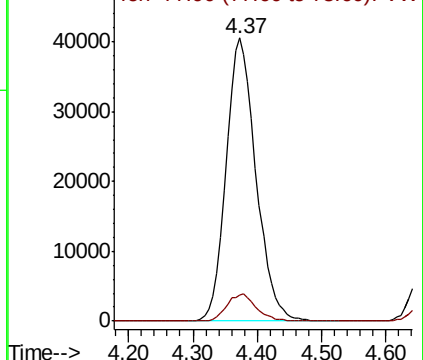
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.180 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW006603.D

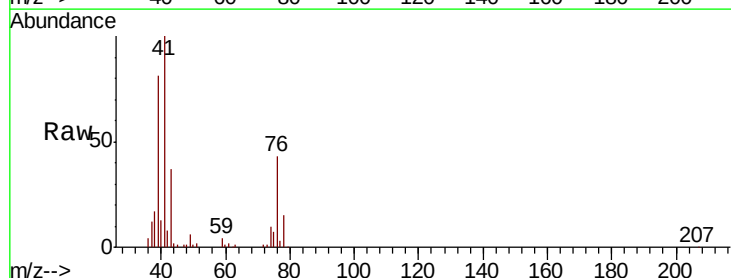
Acq: 02 Nov 2018 16:06

Tgt Ion: 43 Resp: 21141

Ion Ratio Lower Upper

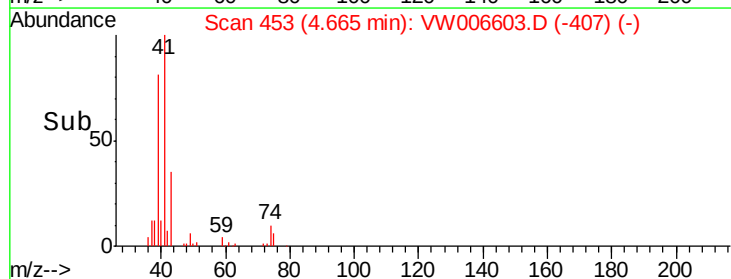
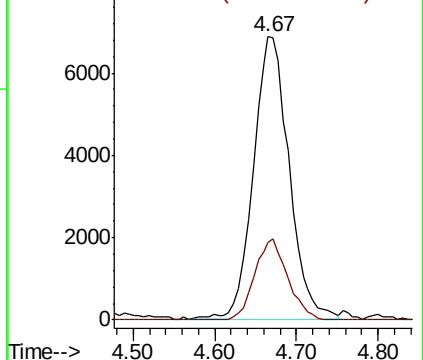
43 100

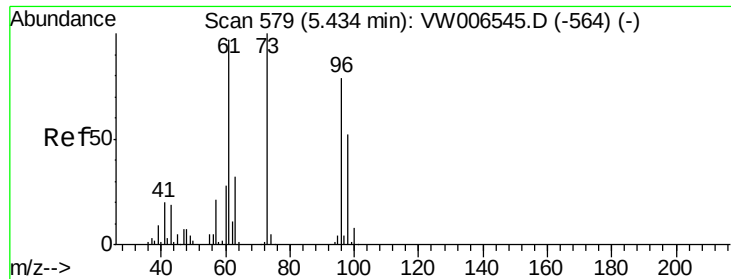
74 26.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

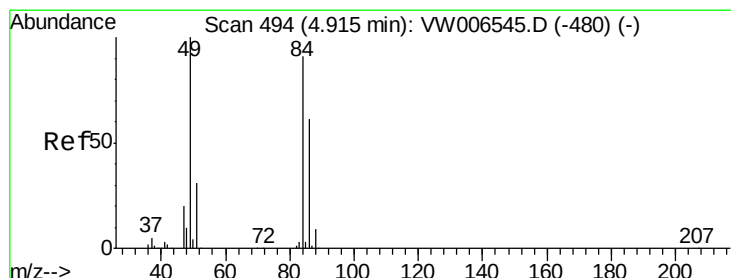
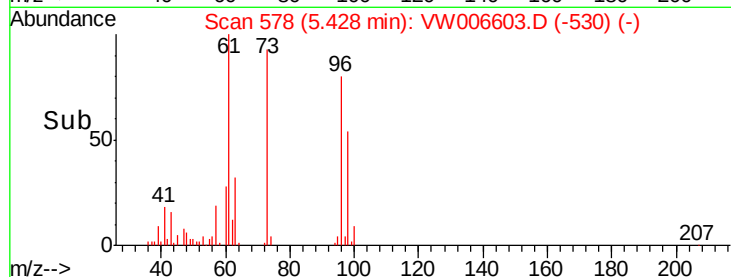
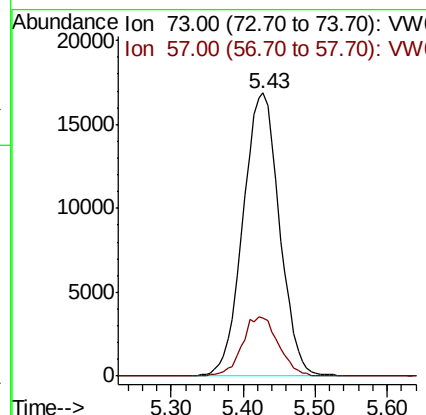
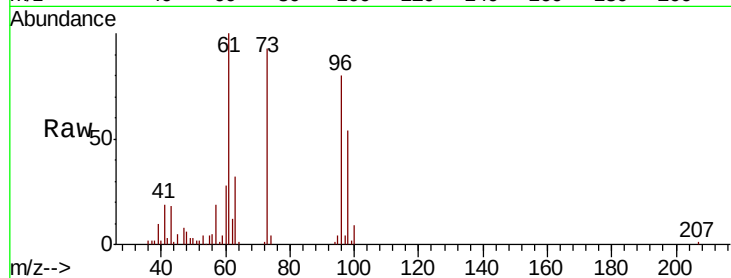




#19
Methyl tert-butyl Ether
Concen: 19.530 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

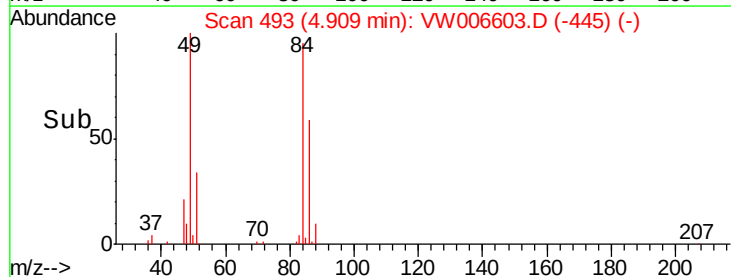
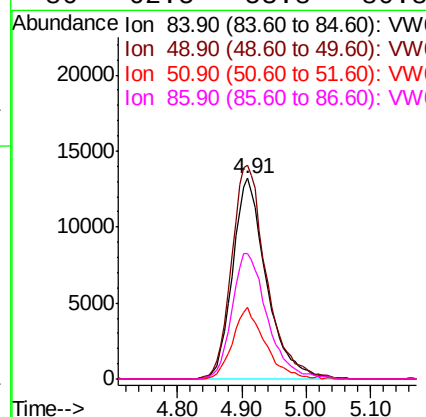
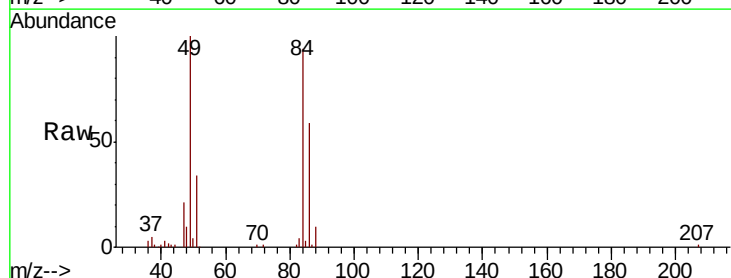
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

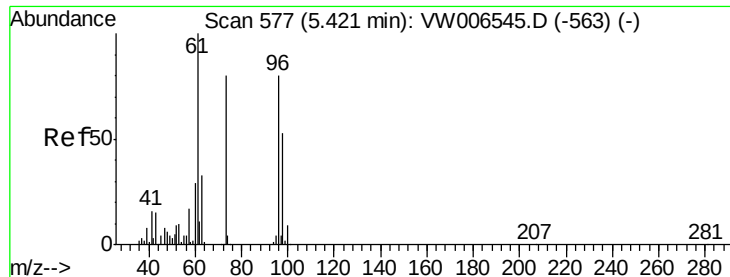
Tgt Ion: 73 Resp: 59311
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1



#20
Methylene Chloride
Concen: 17.653 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 84 Resp: 48405
Ion Ratio Lower Upper
84 100
49 106.3 88.2 132.4
51 35.9 27.0 40.6
86 62.5 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.988 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

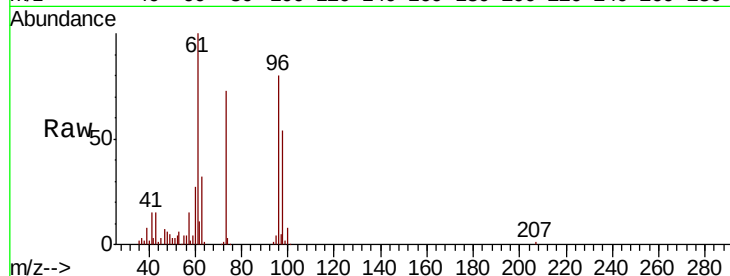
Tgt Ion: 96 Resp: 50761

Ion Ratio Lower Upper

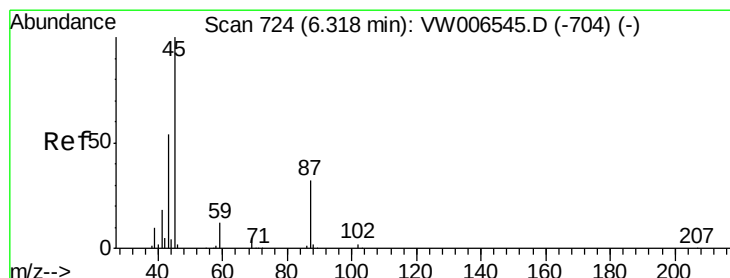
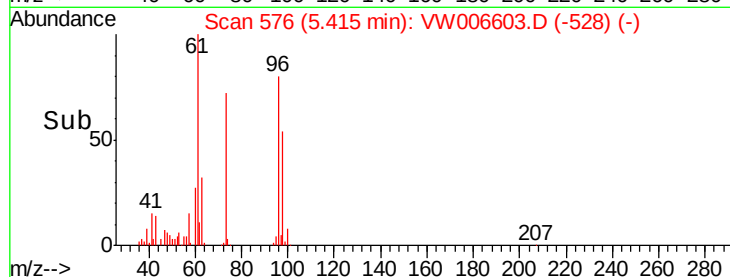
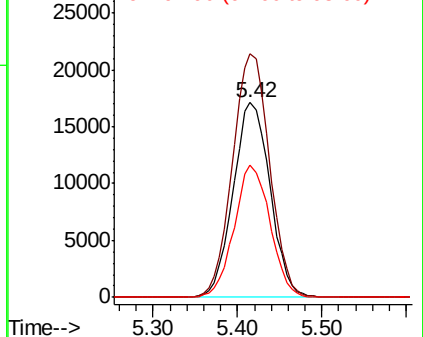
96 100

61 125.1 100.6 150.8

98 67.7 52.9 79.3



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



#22

Diisopropyl ether

Concen: 21.095 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion: 45 Resp: 117121

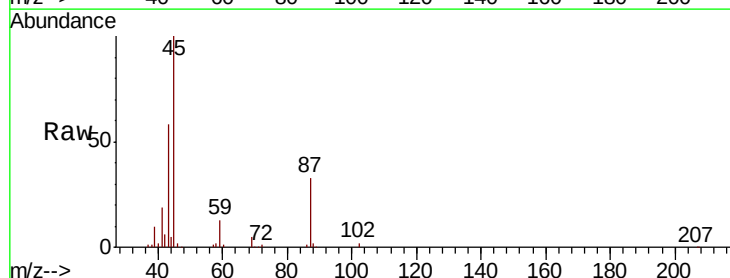
Ion Ratio Lower Upper

45 100

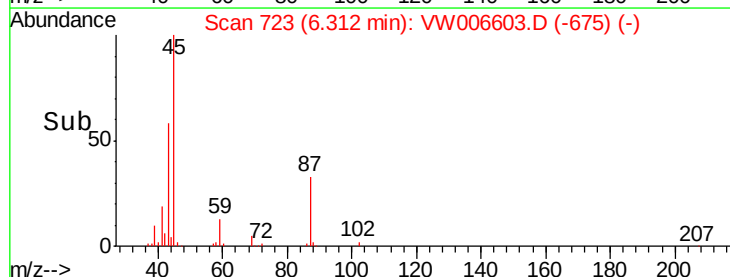
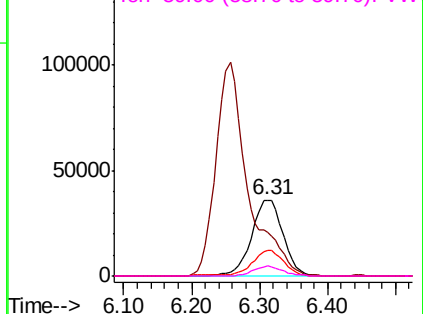
43 57.5 43.6 65.4

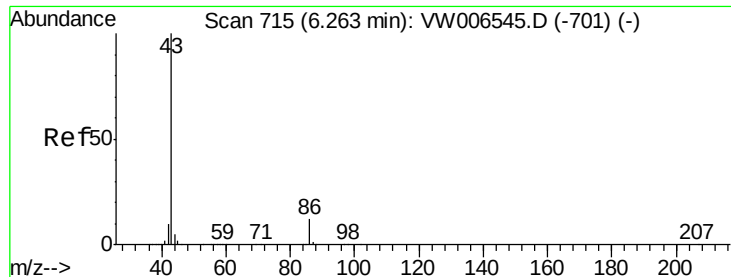
87 33.2 26.3 39.5

59 12.7 9.8 14.8



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





#23

Vinyl Acetate

Concen: 108.186 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

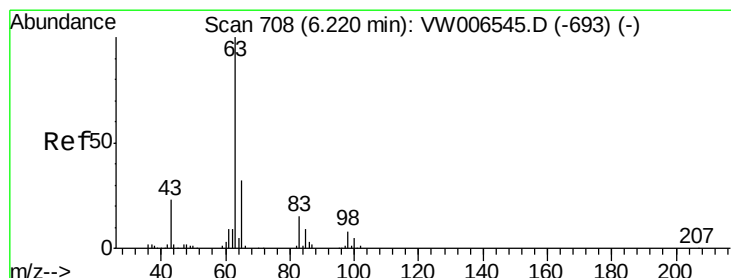
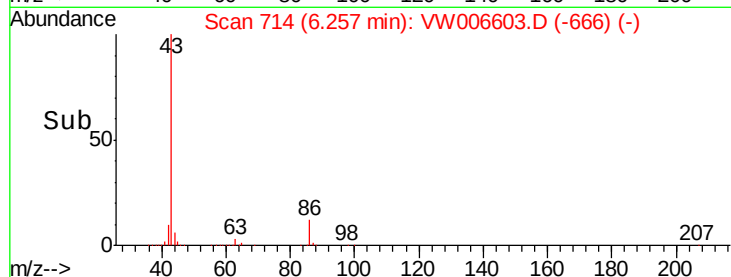
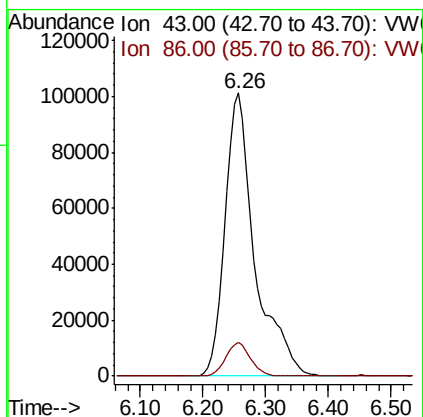
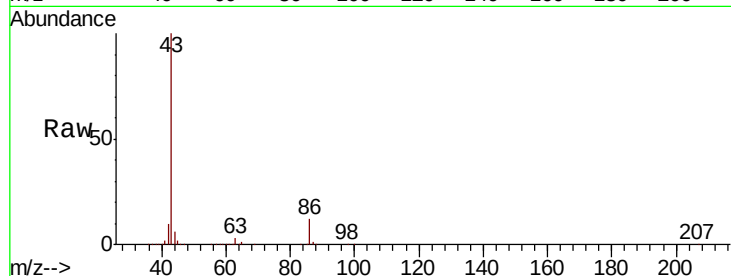
VW1104SBS01

Tgt Ion: 43 Resp: 333084

Ion Ratio Lower Upper

43 100

86 12.1 9.8 14.8



#24

1,1-Dichloroethane

Concen: 21.774 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

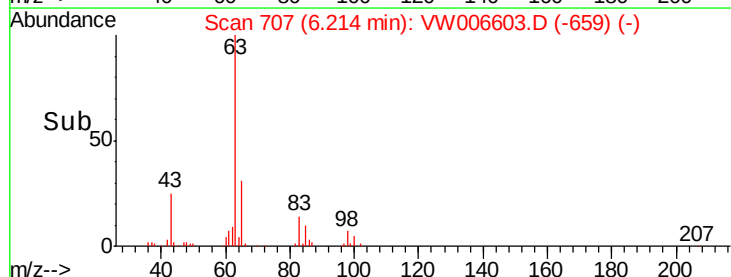
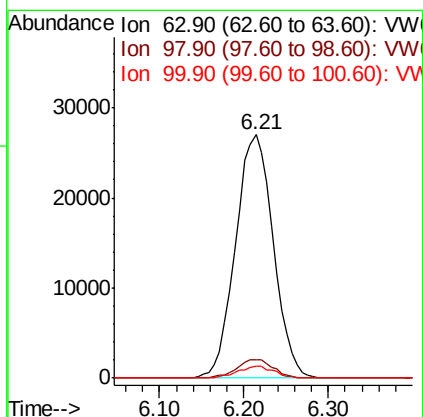
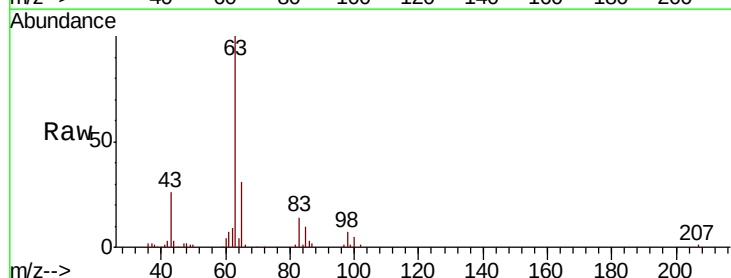
Tgt Ion: 63 Resp: 81930

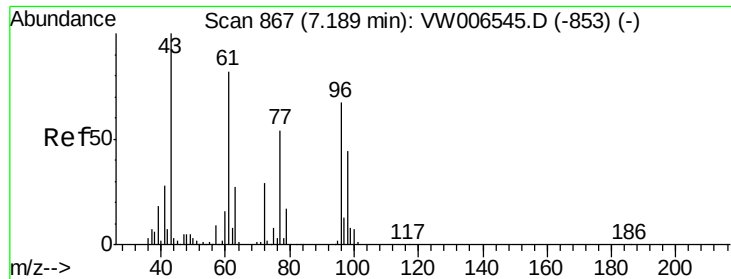
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 130.628 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

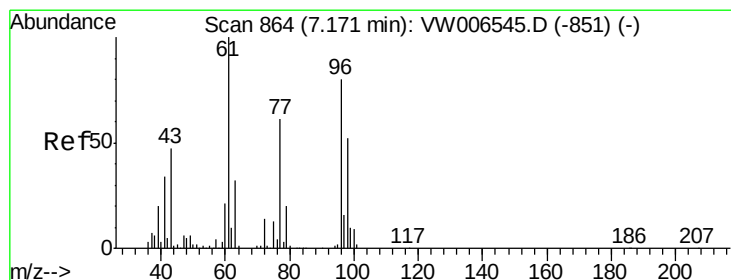
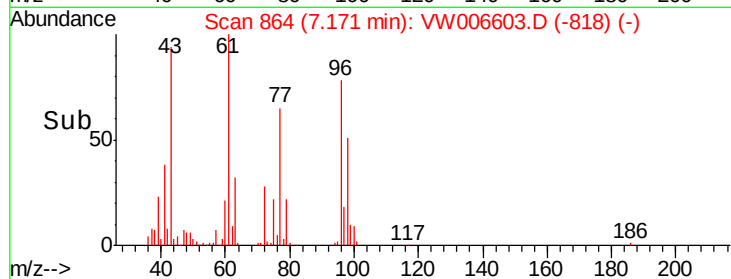
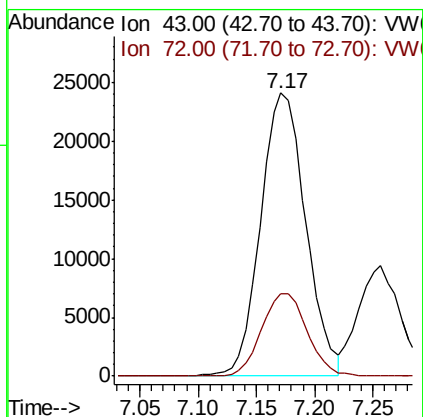
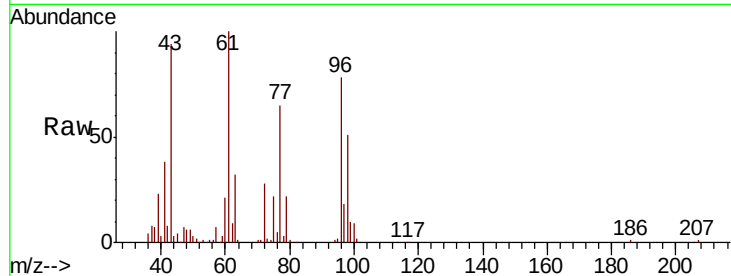
VW1104SBS01

Tgt Ion: 43 Resp: 64704

Ion Ratio Lower Upper

43 100

72 29.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 23.105 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006603.D

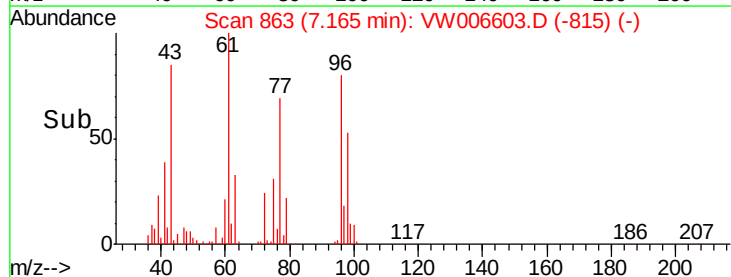
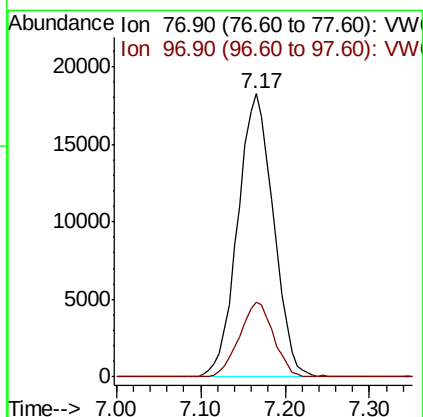
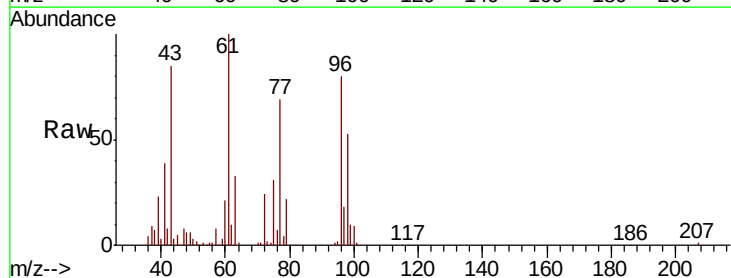
Acq: 02 Nov 2018 16:06

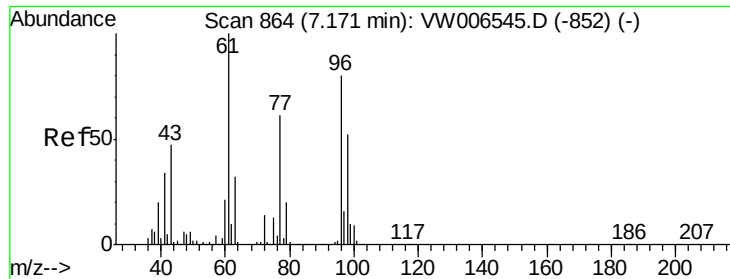
Tgt Ion: 77 Resp: 52370

Ion Ratio Lower Upper

77 100

97 25.3 12.8 38.4



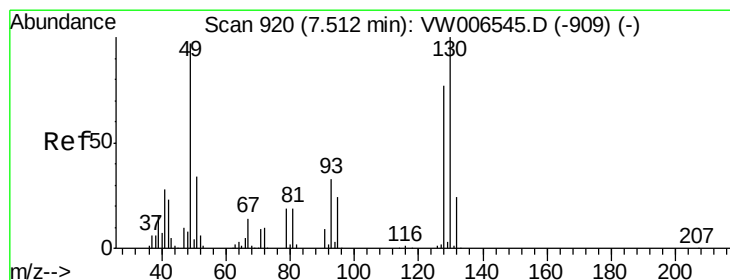
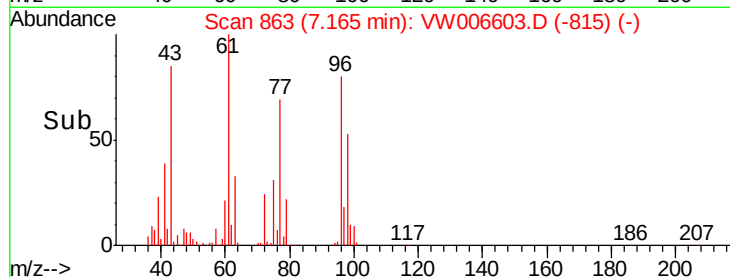
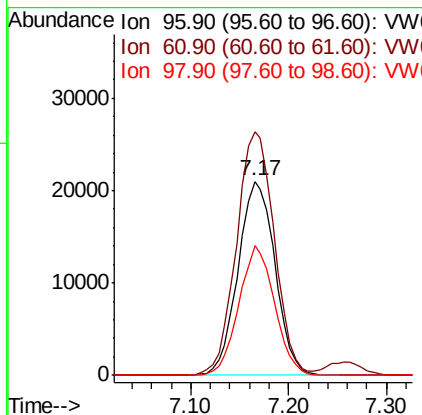
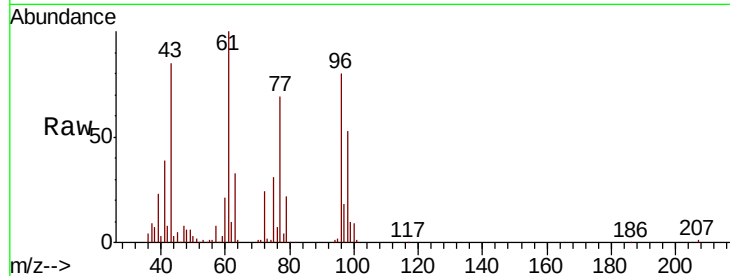


#27

cis-1,2-Dichloroethene
Concen: 21.362 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

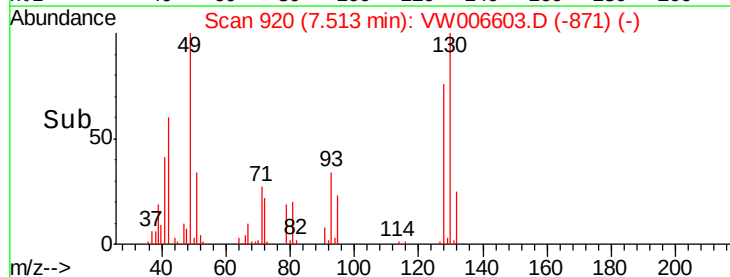
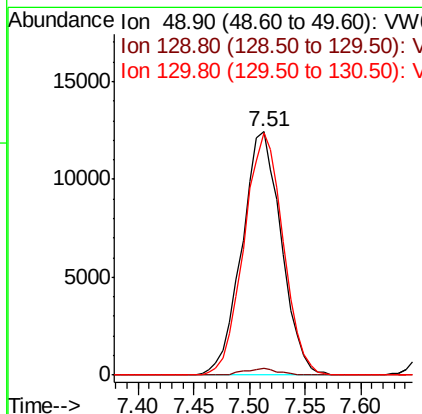
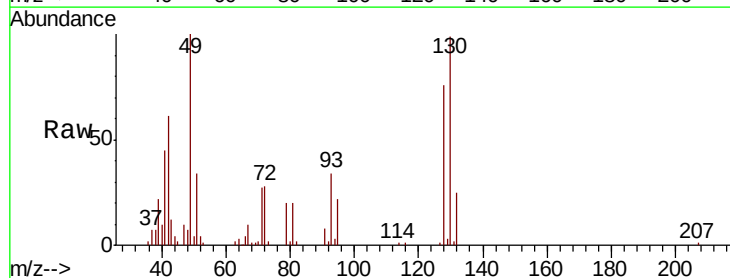
Tgt Ion: 96 Resp: 55173
Ion Ratio Lower Upper
96 100
61 128.6 0.0 254.2
98 64.4 0.0 129.6

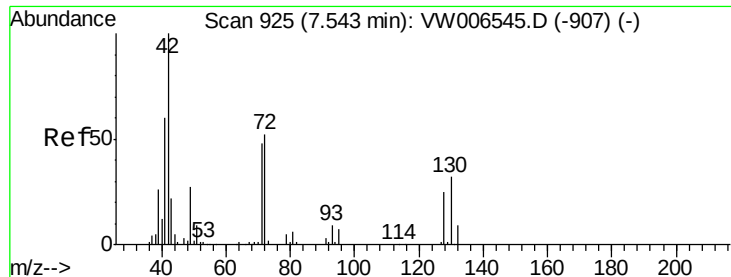


#28

Bromochloromethane
Concen: 20.534 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 49 Resp: 30681
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.6
130 98.4 82.2 123.2





#29

Tetrahydrofuran

Concen: 111.285 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

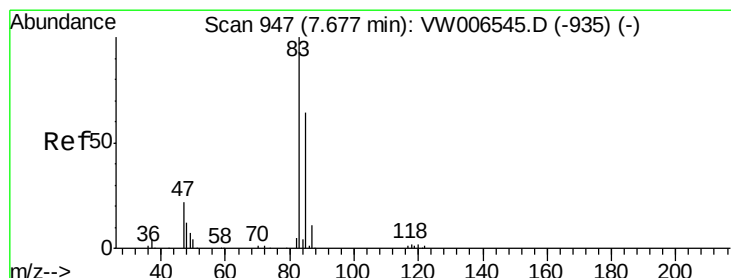
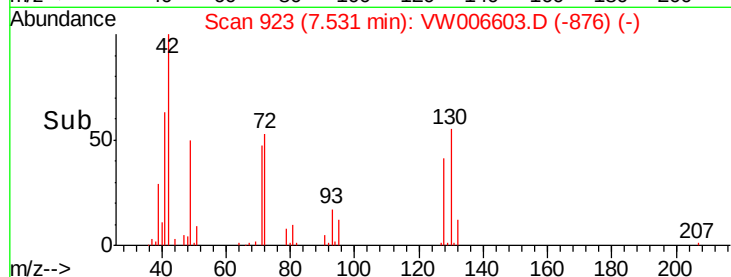
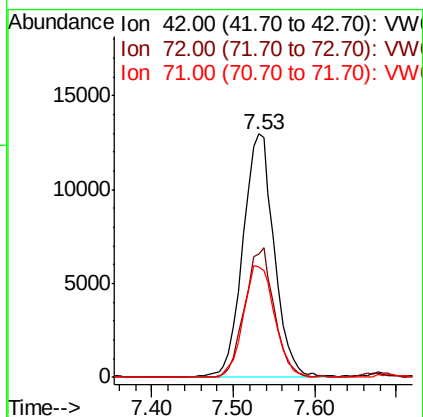
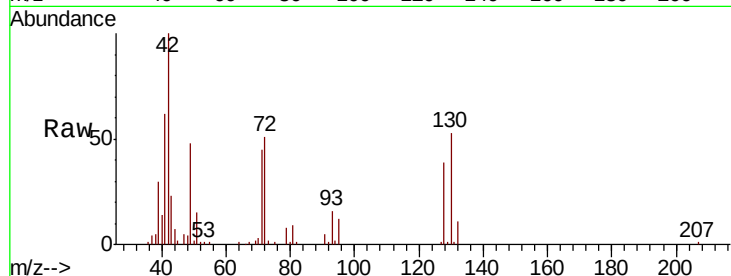
Tgt Ion: 42 Resp: 34671

Ion Ratio Lower Upper

42 100

72 50.1 39.2 58.8

71 45.7 37.6 56.4



#30

Chloroform

Concen: 21.340 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW006603.D

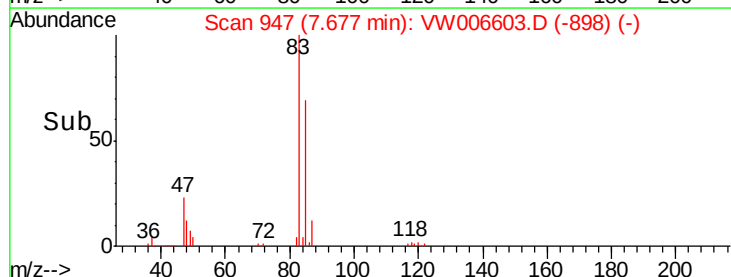
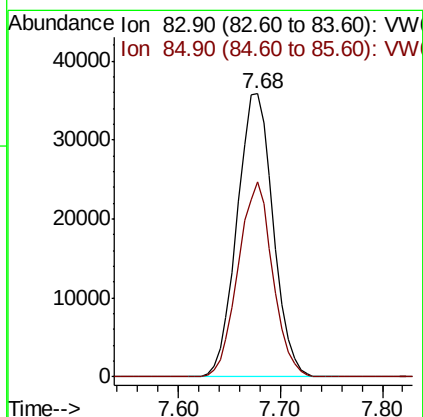
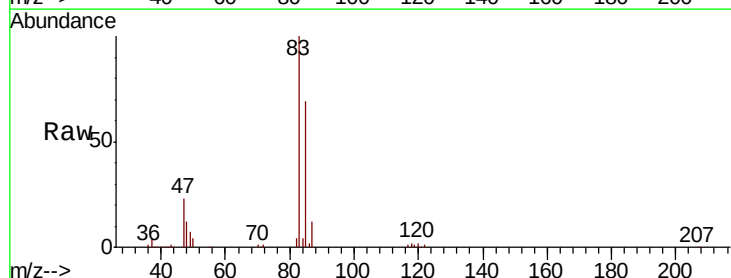
Acq: 02 Nov 2018 16:06

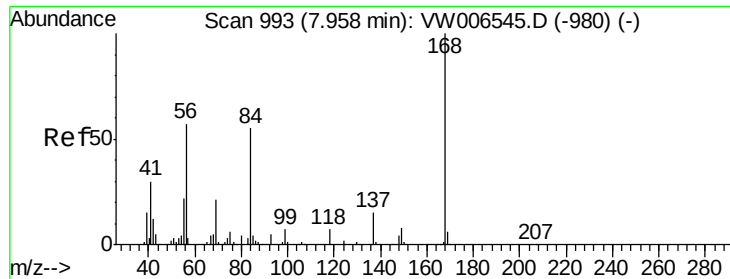
Tgt Ion: 83 Resp: 88038

Ion Ratio Lower Upper

83 100

85 69.1 51.3 76.9

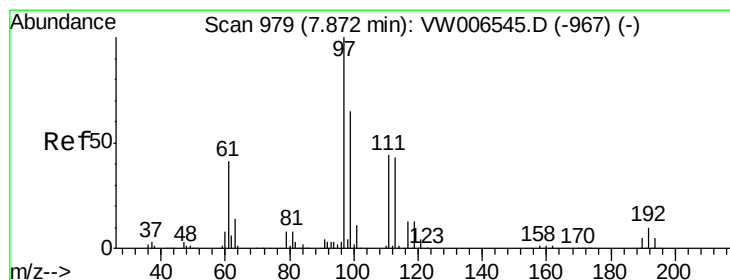
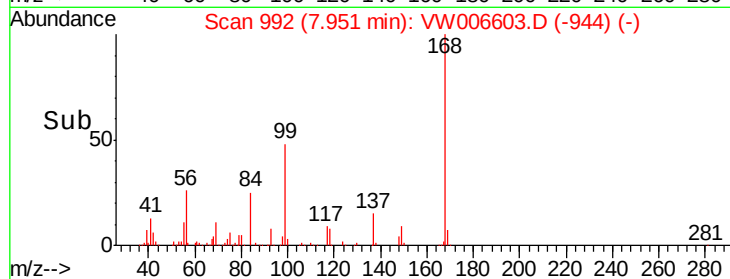
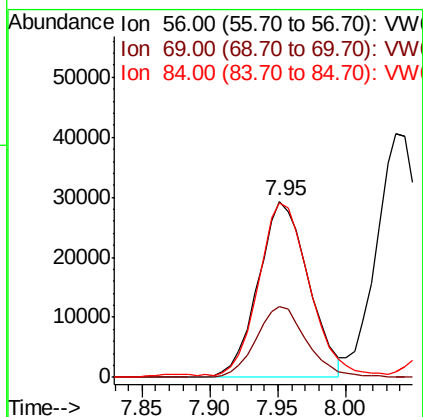
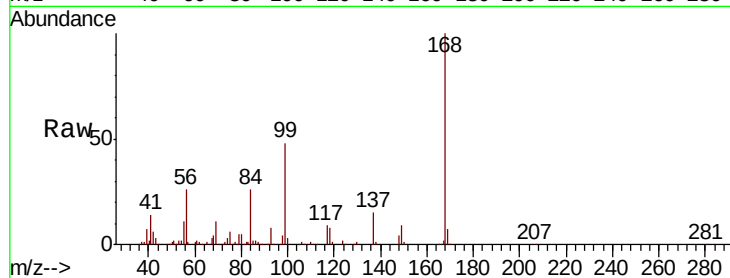




#31
Cyclohexane
Concen: 22.035 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

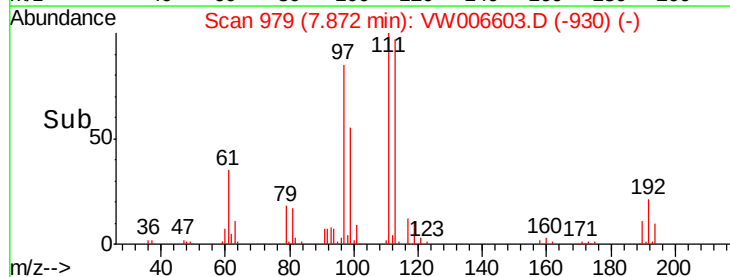
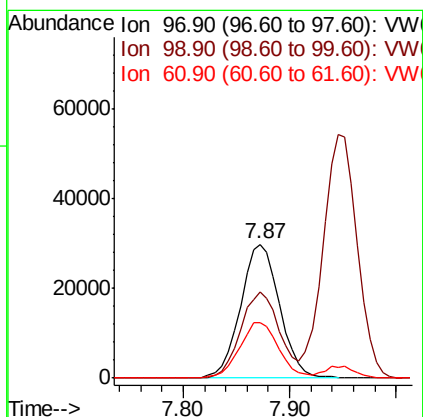
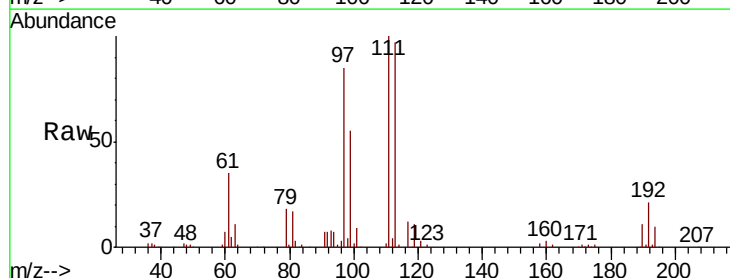
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

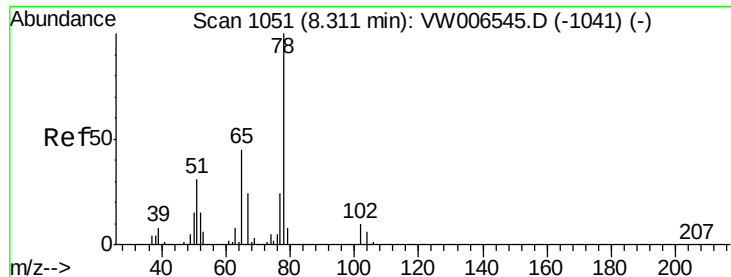
Tgt Ion: 56 Resp: 75462
Ion Ratio Lower Upper
56 100
69 40.5 29.0 43.4
84 97.4 77.8 116.6



#32
1,1,1-Trichloroethane
Concen: 21.896 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 97 Resp: 76435
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 42.1 32.9 49.3

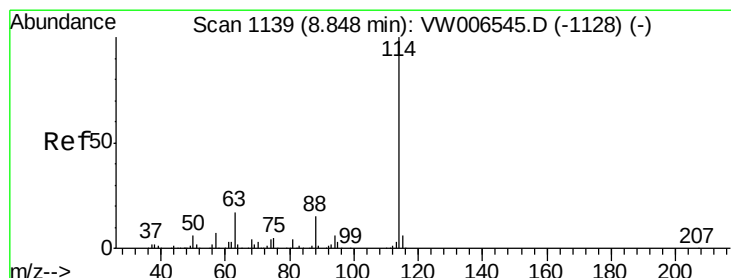
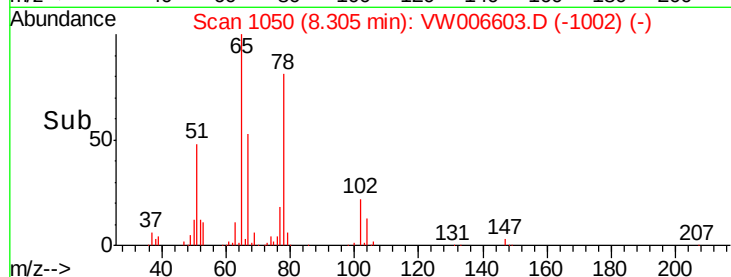
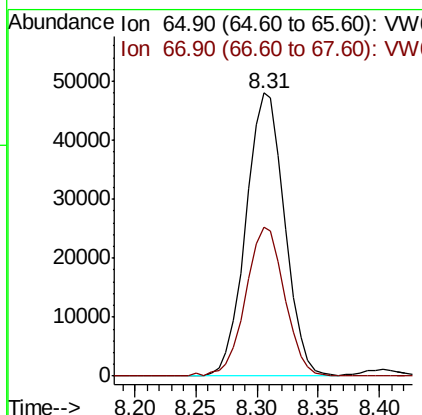
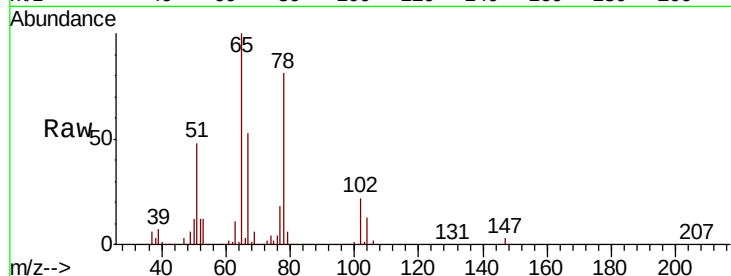




#33
 1,2-Dichloroethane-d4
 Concen: 49.216 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

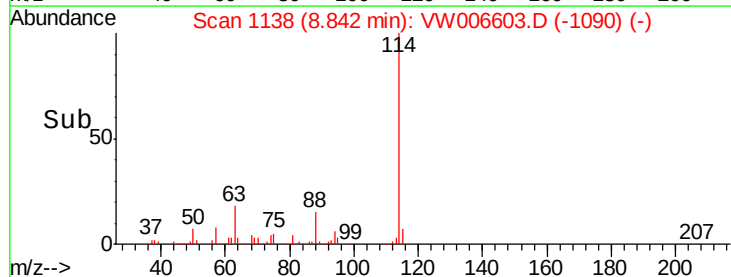
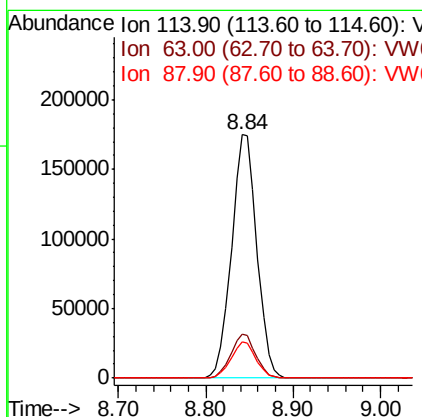
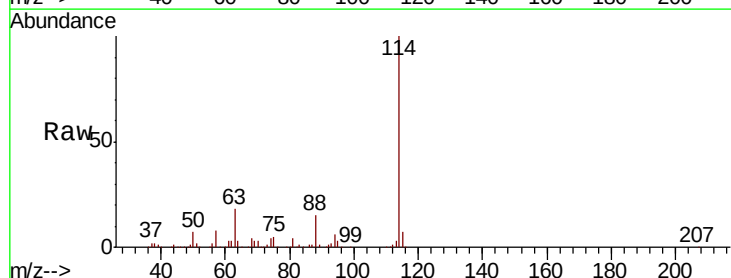
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

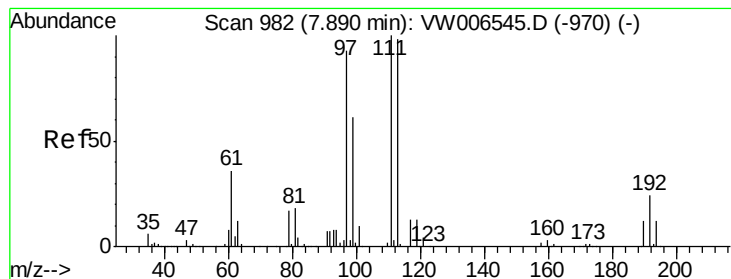
Tgt Ion: 65 Resp: 105816
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 114 Resp: 350694
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.4
 88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.077 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

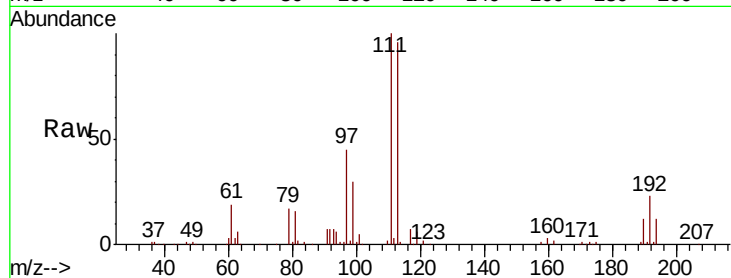
Tgt Ion:113 Resp: 112414

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

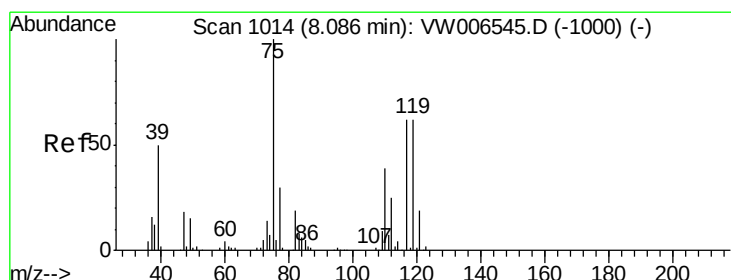
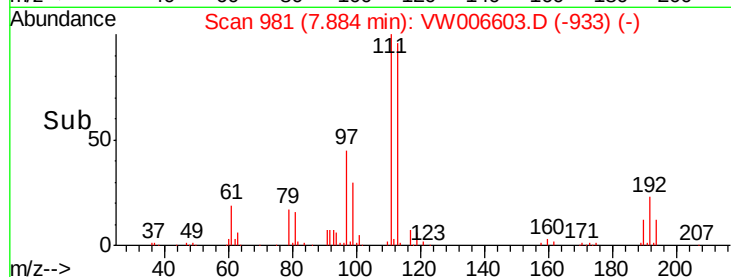
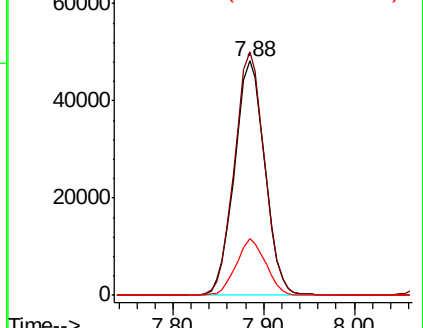
192 23.5 19.0 28.6



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: 23.270 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

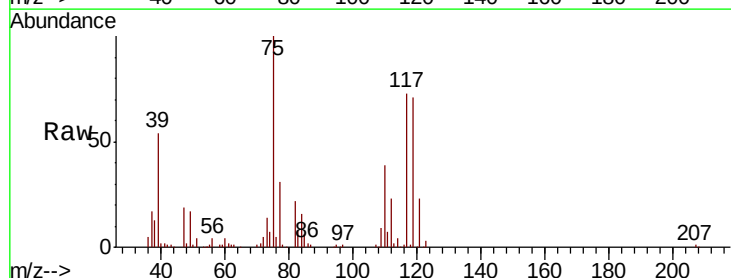
Tgt Ion: 75 Resp: 71766

Ion Ratio Lower Upper

75 100

110 38.1 19.5 58.5

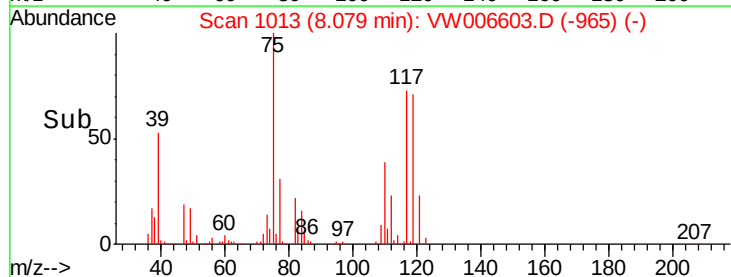
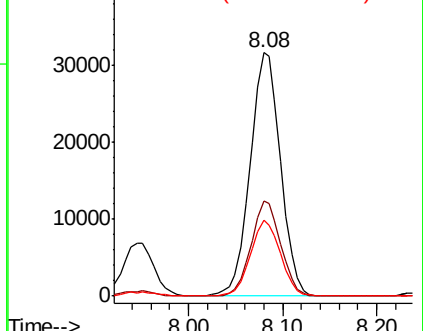
77 31.1 24.6 37.0

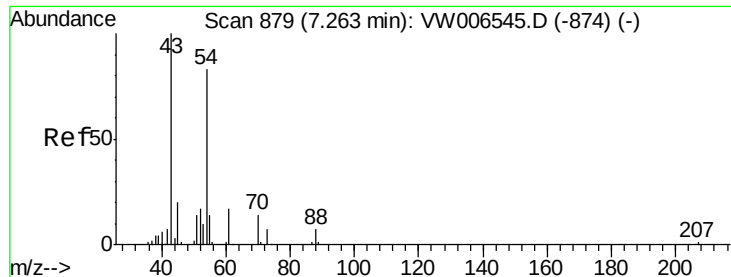


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

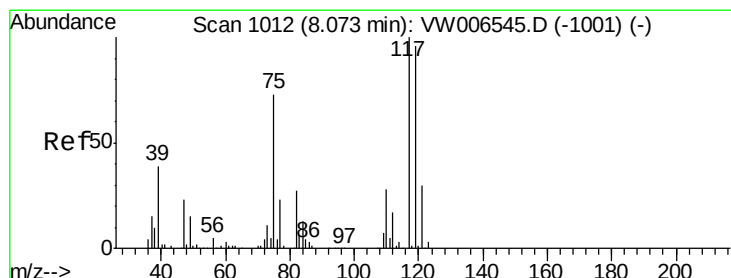
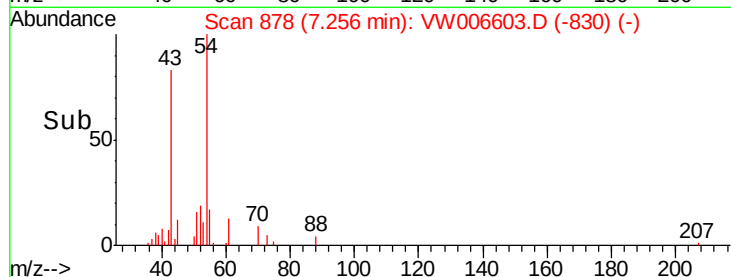
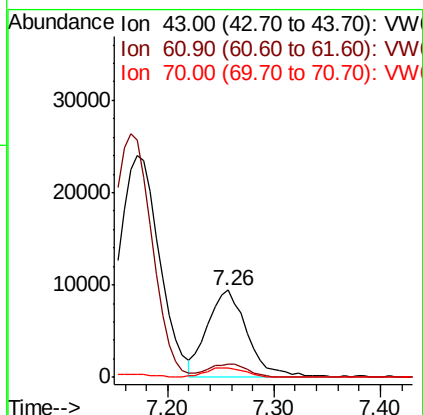
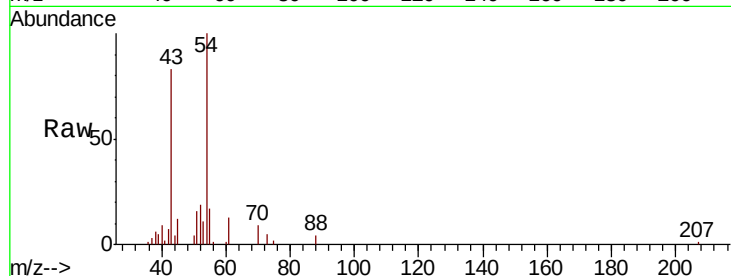




#37
Ethyl Acetate
Concen: 22.638 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

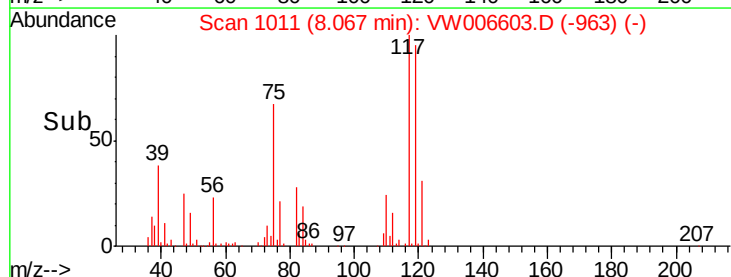
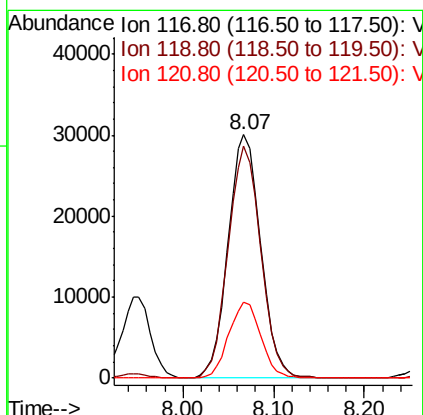
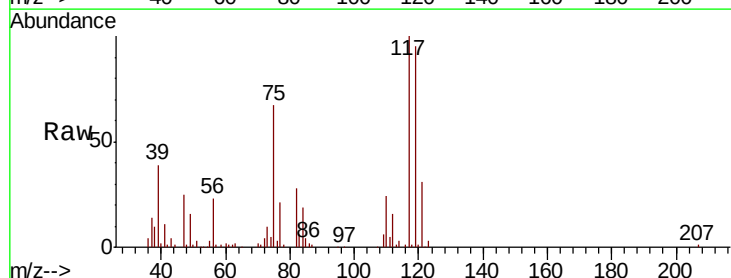
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

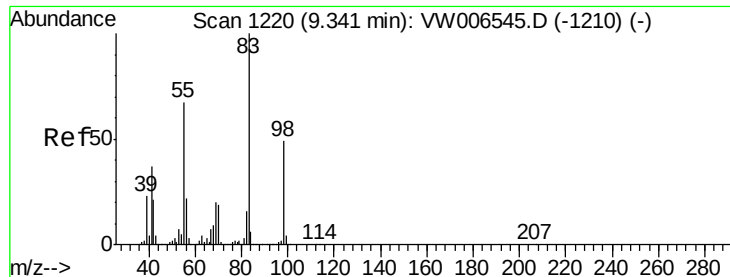
Tgt Ion: 43 Resp: 24194
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 11.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 23.273 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 117 Resp: 75000
Ion Ratio Lower Upper
117 100
119 95.2 76.3 114.5
121 31.2 24.1 36.1

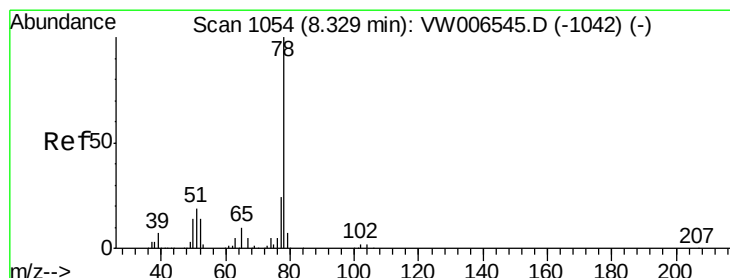
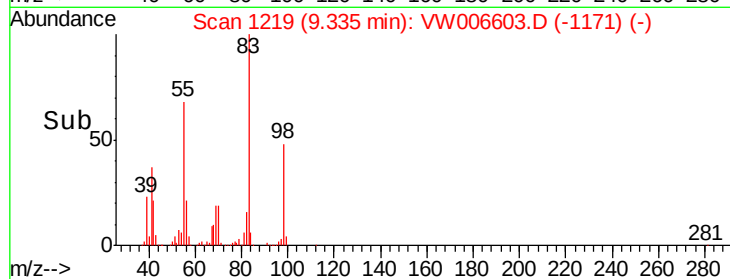
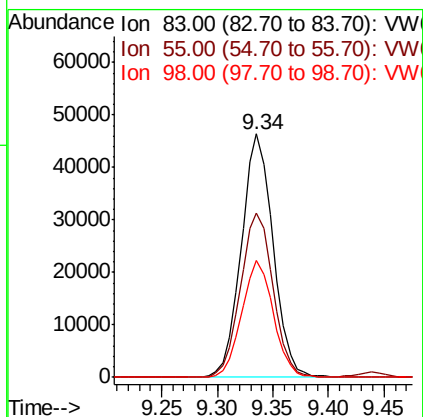
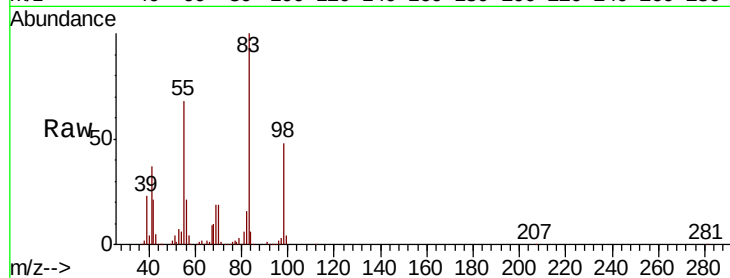




#39
Methylcyclohexane
Concen: 23.472 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

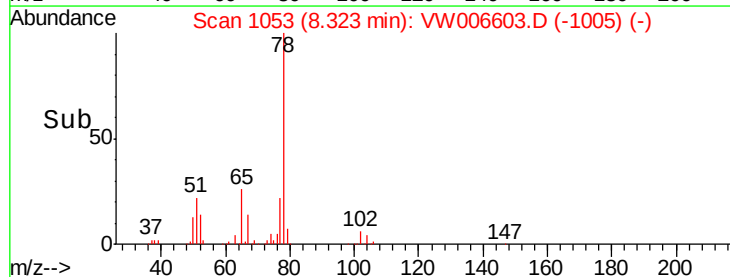
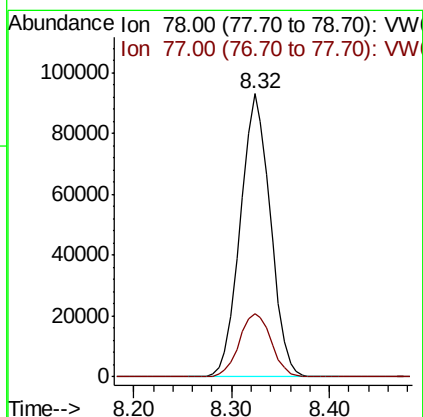
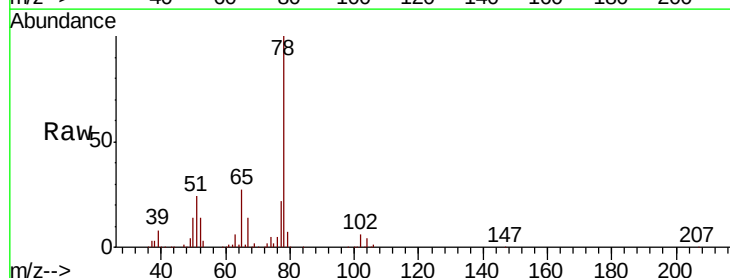
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

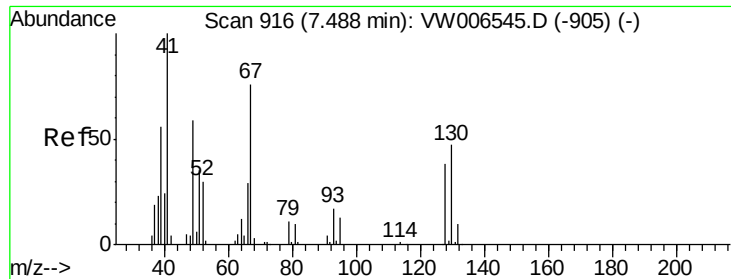
Tgt Ion: 83 Resp: 91862
Ion Ratio Lower Upper
83 100
55 67.6 53.7 80.5
98 48.2 39.2 58.8



#40
Benzene
Concen: 22.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 78 Resp: 198000
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8

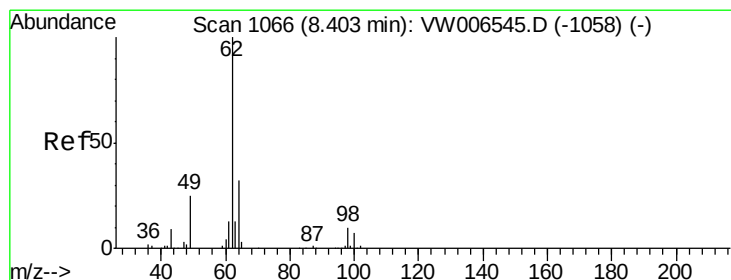
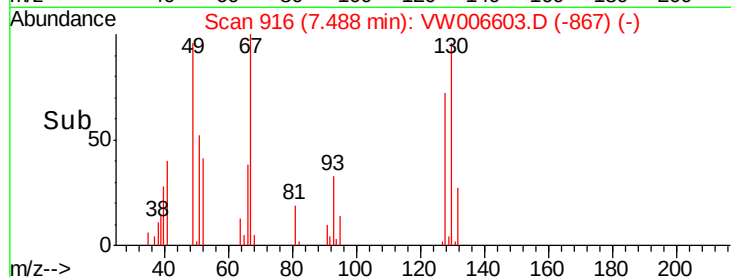
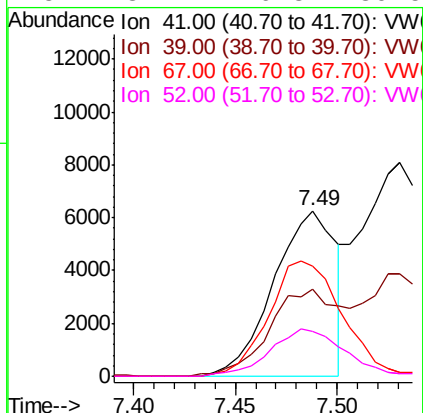
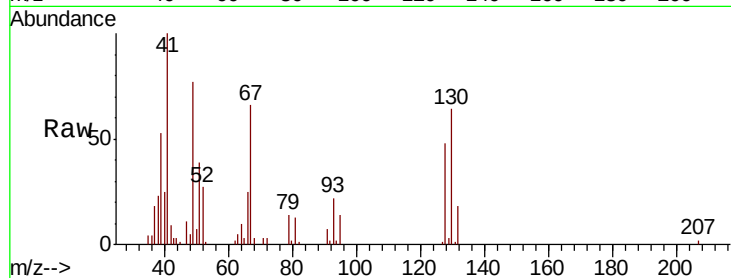




#41
Methacrylonitrile
Concen: 20.304 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

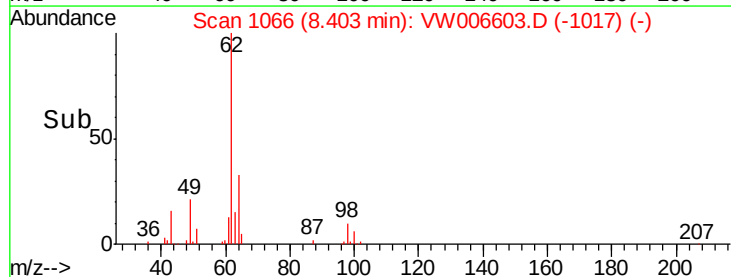
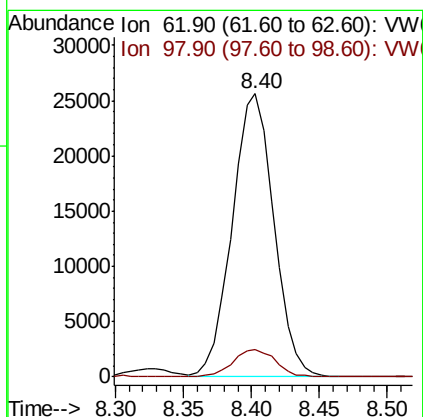
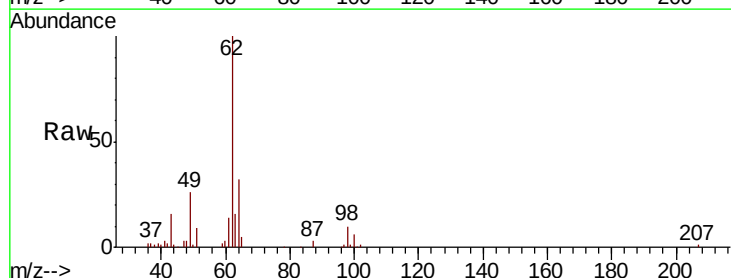
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

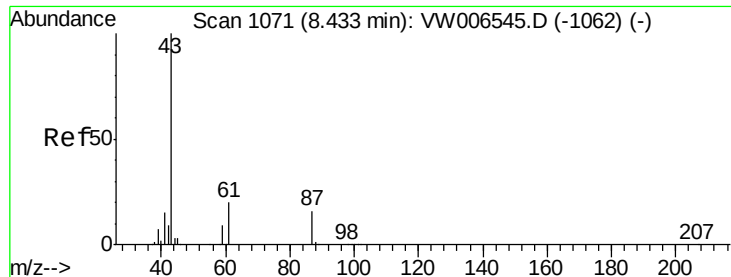
Tgt Ion:	41	Resp:	13306
Ion	Ratio	Lower	Upper
41	100		
39	62.4	44.5	66.7
67	82.0	63.8	95.8
52	34.4	26.3	39.5



#42
1,2-Dichloroethane
Concen: 21.858 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion:	62	Resp:	54912
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 21.360 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

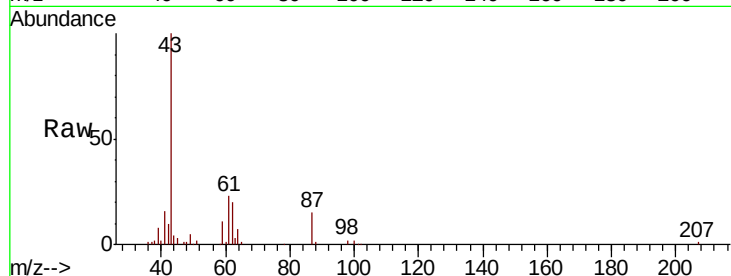
Tgt Ion: 43 Resp: 45554

Ion Ratio Lower Upper

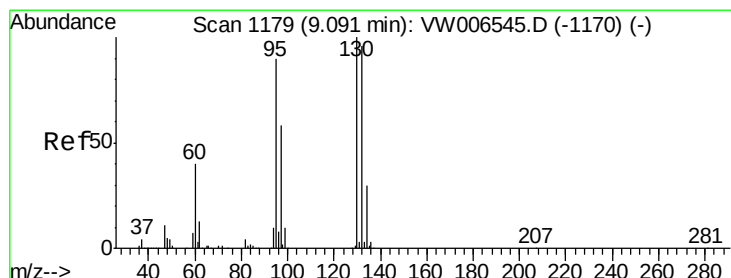
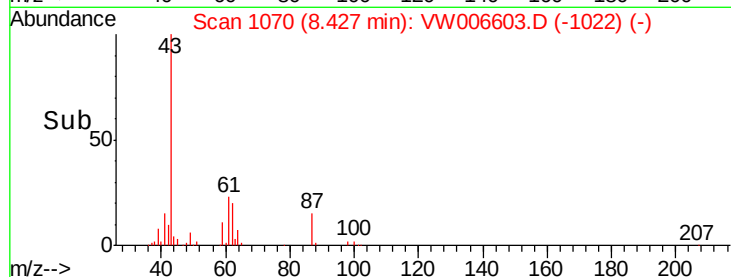
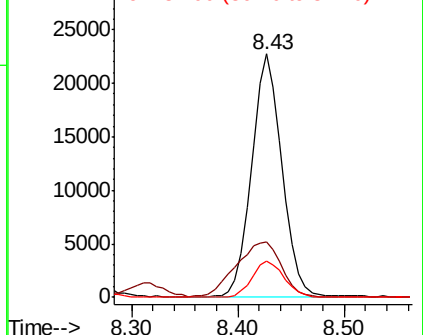
43 100

61 34.1 27.2 40.8

87 15.8 12.9 19.3



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: 22.416 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006603.D

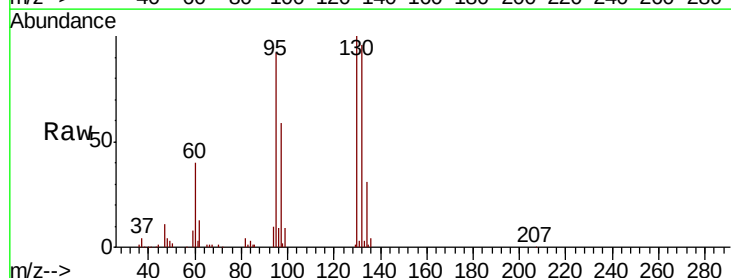
Acq: 02 Nov 2018 16:06

Tgt Ion: 130 Resp: 60594

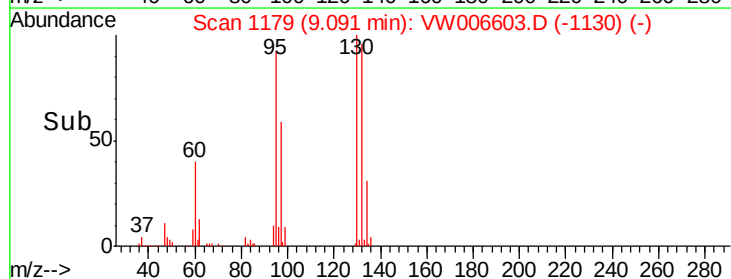
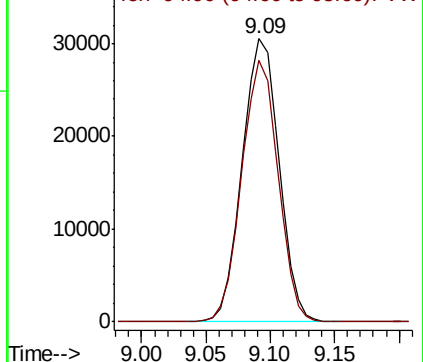
Ion Ratio Lower Upper

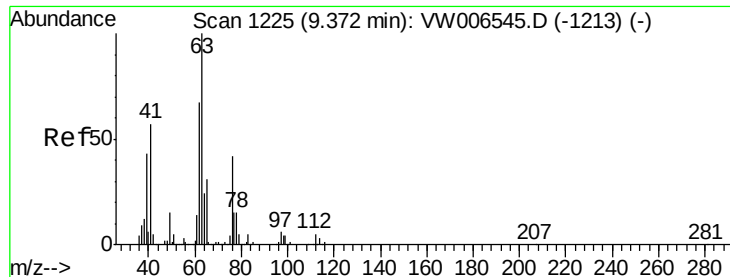
130 100

95 92.4 0.0 179.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

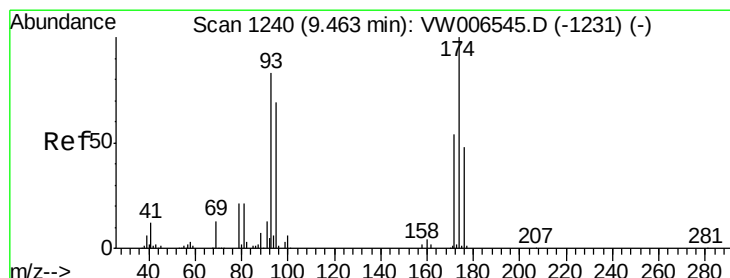
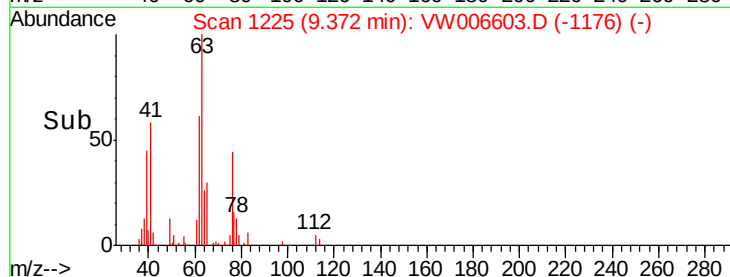
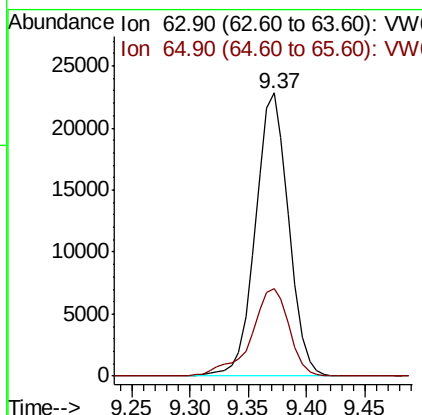
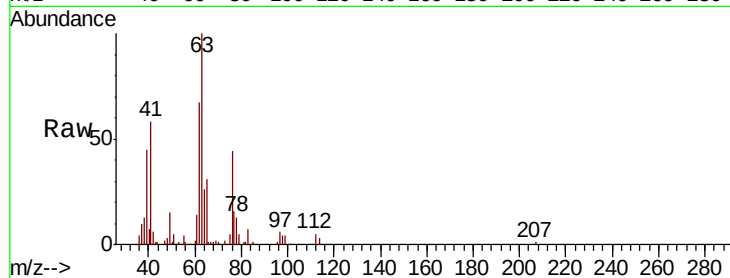




#45
 1,2-Dichloropropane
 Concen: 22.194 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

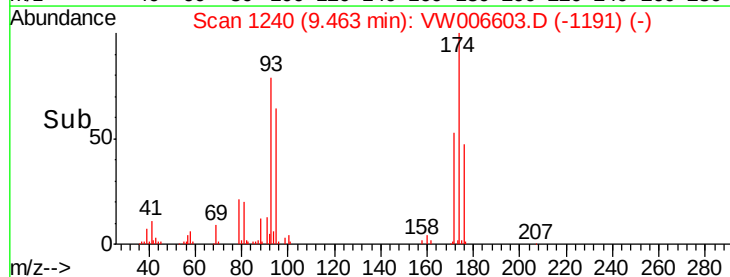
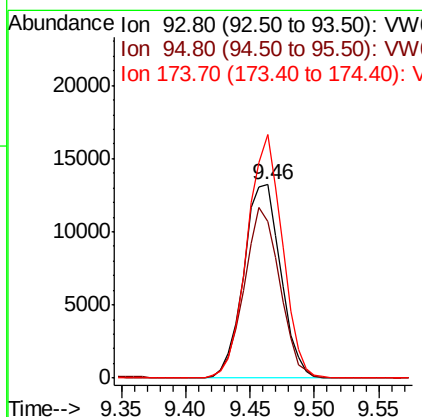
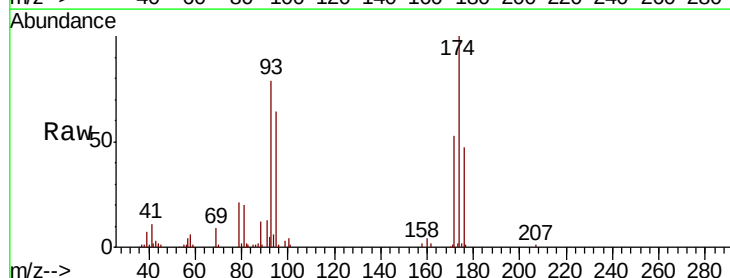
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

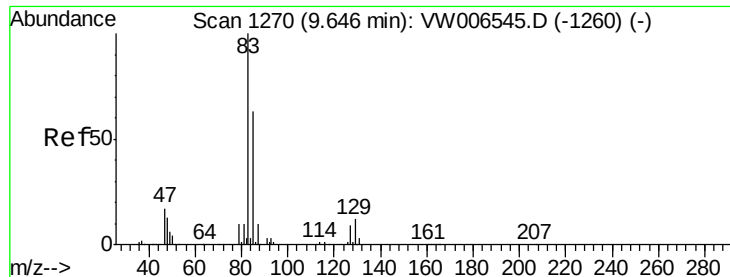
Tgt Ion: 63 Resp: 45244
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 21.978 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 93 Resp: 26337
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 118.5 97.3 145.9

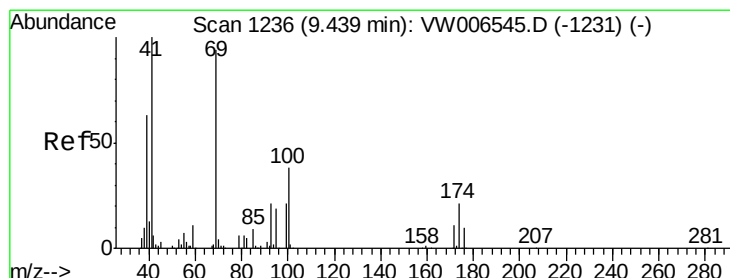
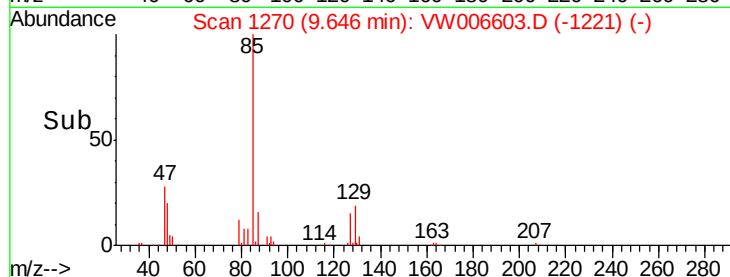
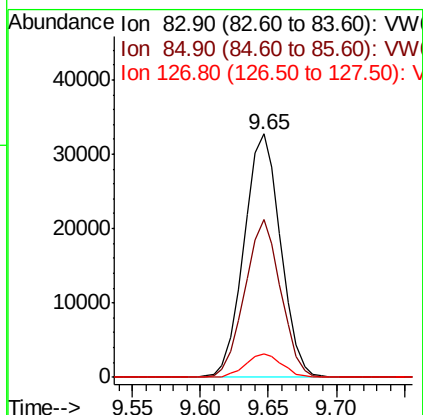
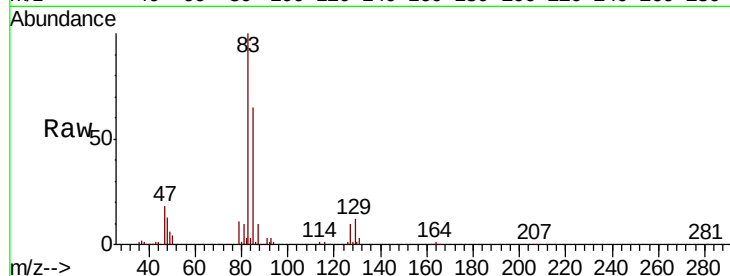




#47
 Bromodichloromethane
 Concen: 22.129 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

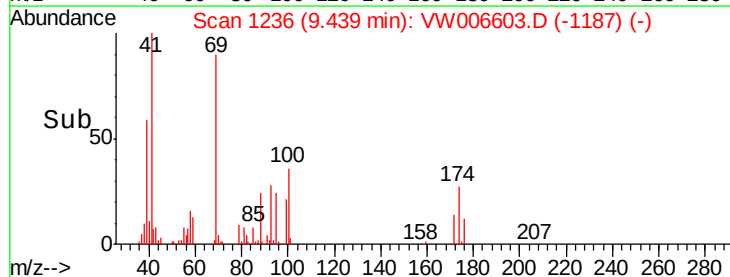
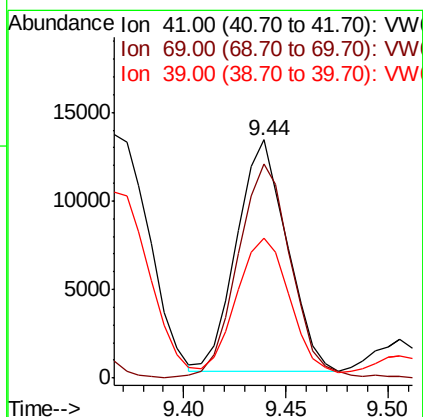
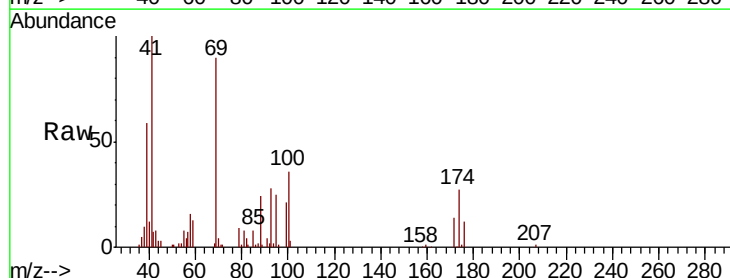
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

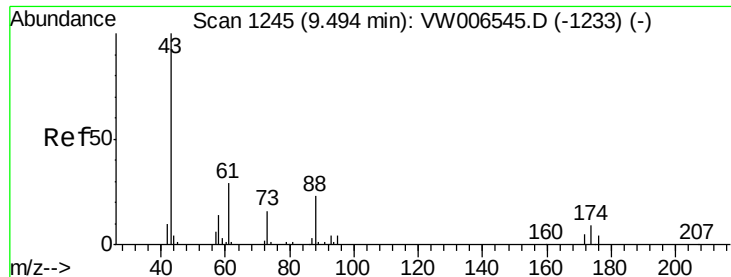
Tgt Ion: 83 Resp: 61573
 Ion Ratio Lower Upper
 83 100
 85 65.0 50.6 75.8
 127 9.8 7.5 11.3



#48
 Methyl methacrylate
 Concen: 21.781 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 41 Resp: 22380
 Ion Ratio Lower Upper
 41 100
 69 98.5 77.8 116.8
 39 59.8 48.7 73.1





#49

1,4-Dioxane

Concen: 464.889 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.05 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

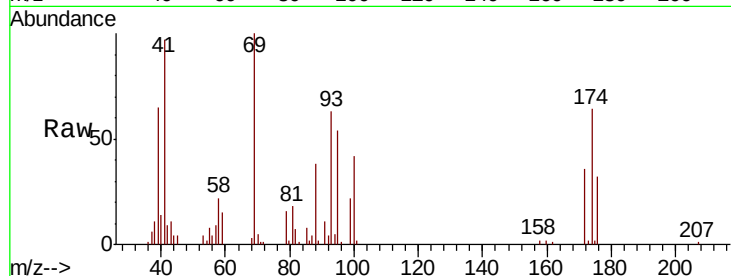
Tgt Ion: 88 Resp: 8153

Ion Ratio Lower Upper

88 100

43 29.0 356.6 534.8#

58 65.5 51.4 77.2

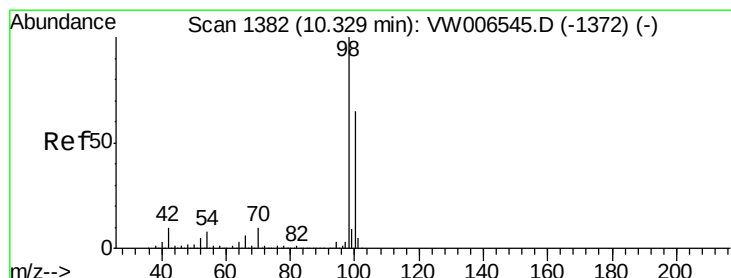
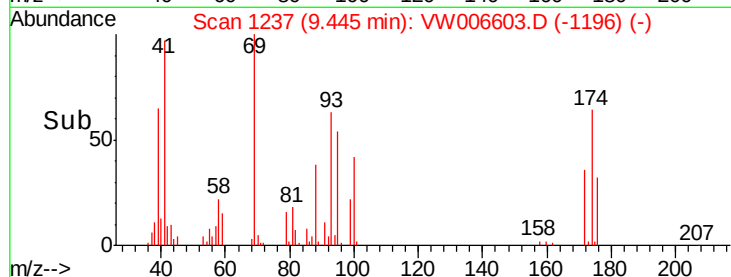
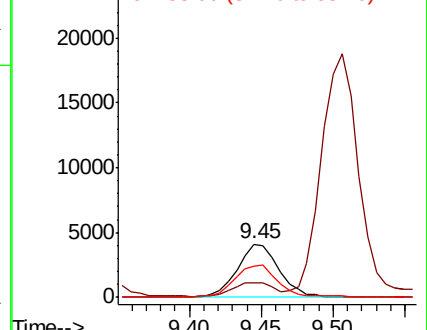


Abundance

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: 51.501 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006603.D

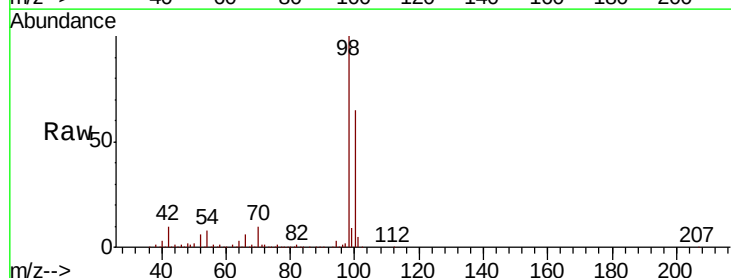
Acq: 02 Nov 2018 16:06

Tgt Ion: 98 Resp: 431496

Ion Ratio Lower Upper

98 100

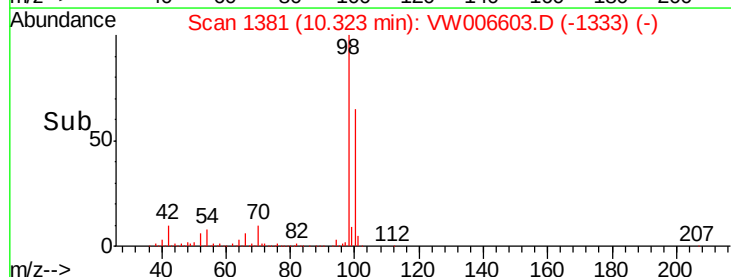
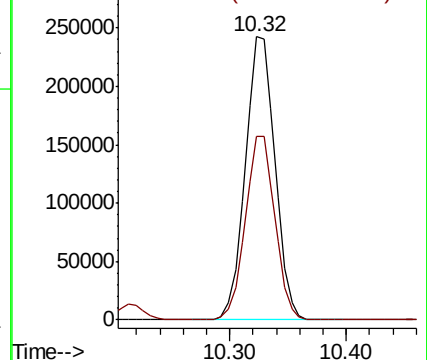
100 64.6 51.6 77.4

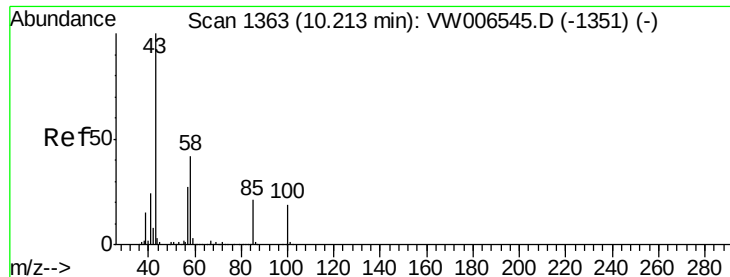


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

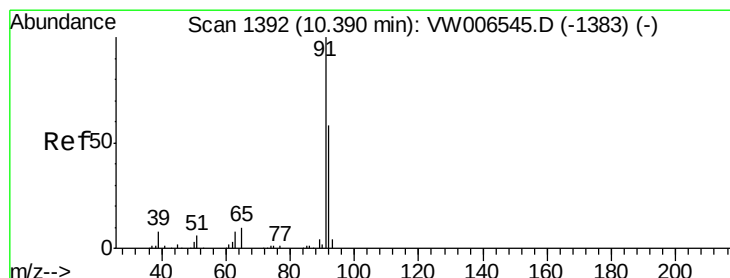
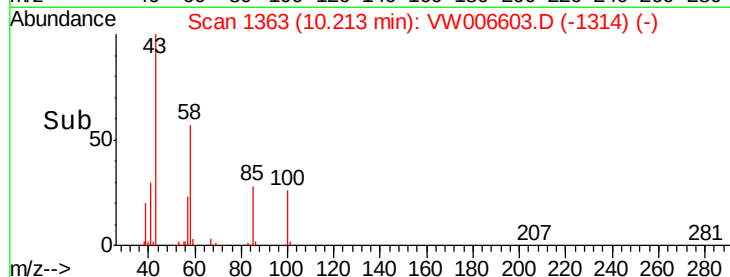
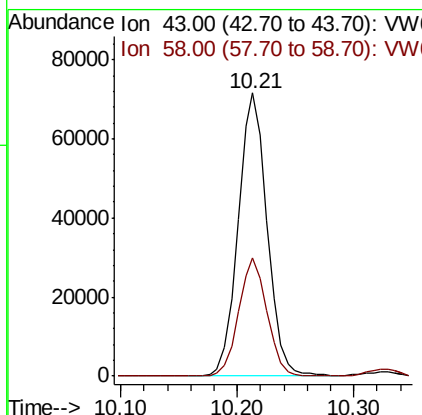
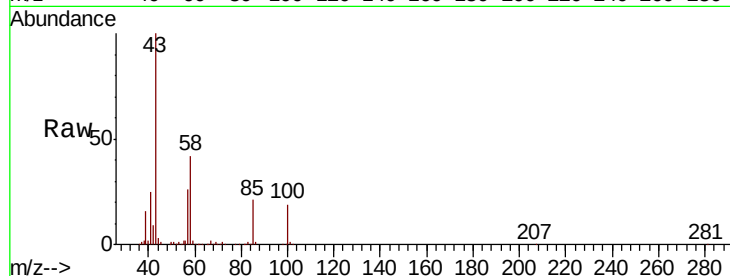




#51
 4-Methyl-2-Pentanone
 Concen: 113.115 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

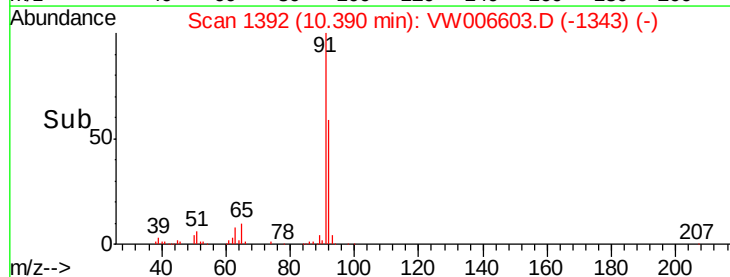
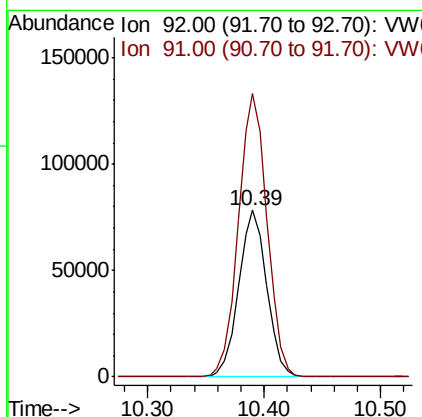
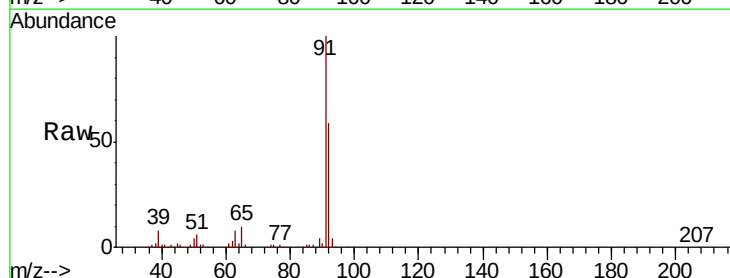
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

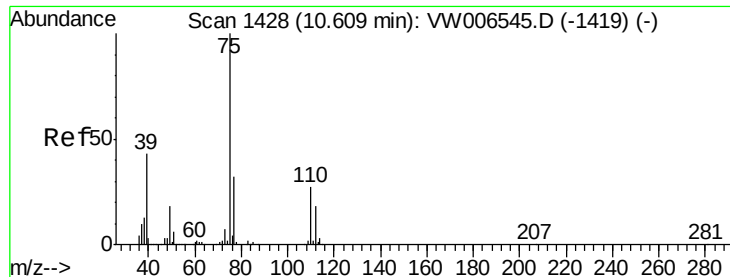
Tgt Ion: 43 Resp: 123895
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.4 50.0



#52
 Toluene
 Concen: 22.398 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 92 Resp: 131596
 Ion Ratio Lower Upper
 92 100
 91 173.0 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.107 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

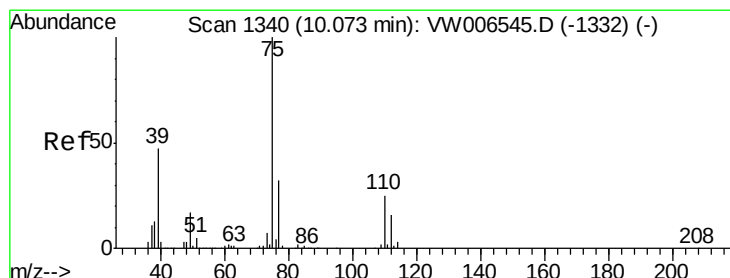
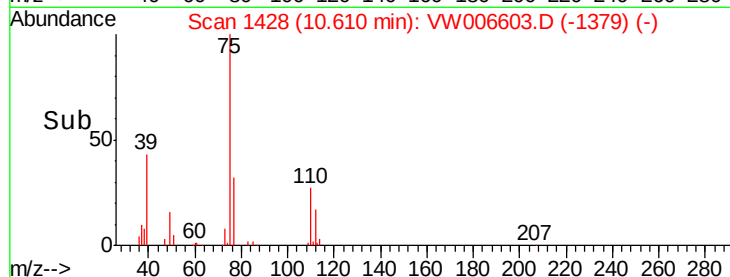
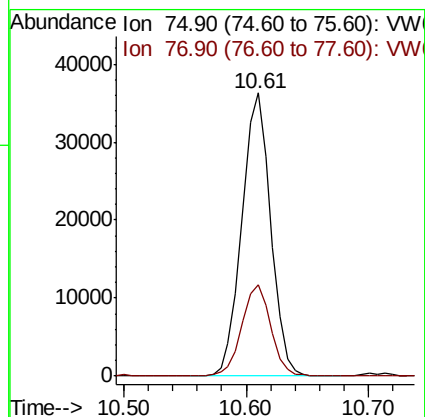
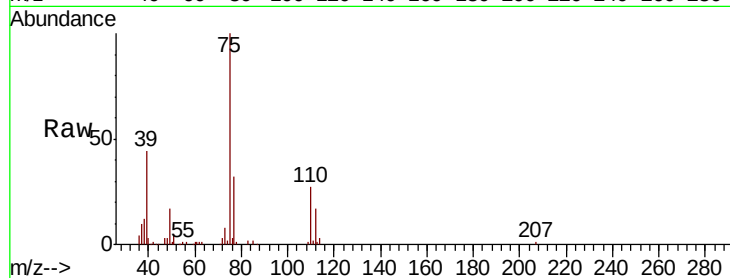
VW1104SBS01

Tgt Ion: 75 Resp: 59200

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.920 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

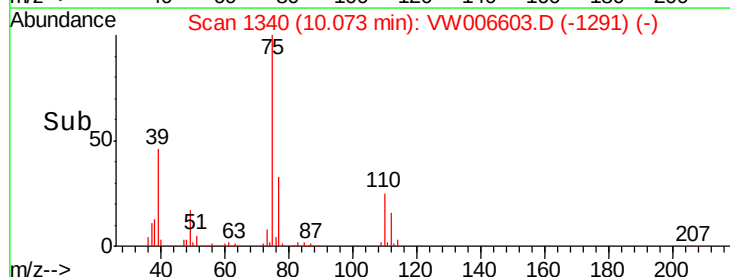
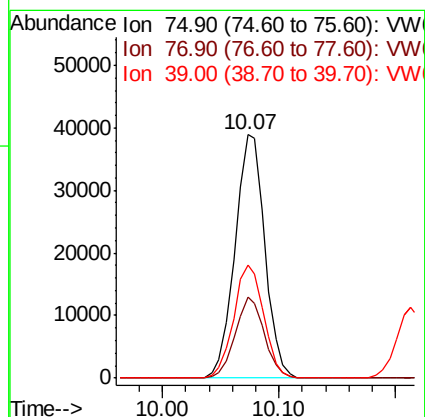
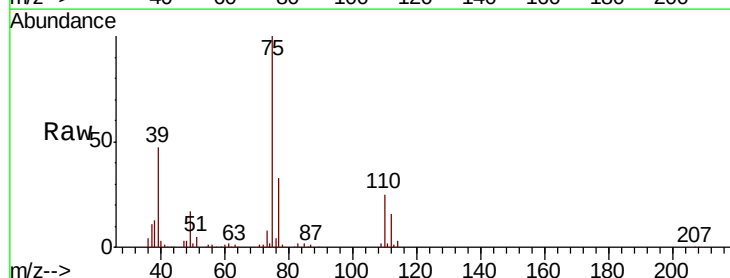
Tgt Ion: 75 Resp: 69365

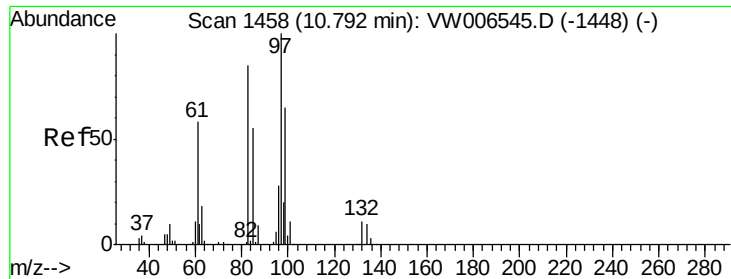
Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5

39 46.4 37.3 55.9

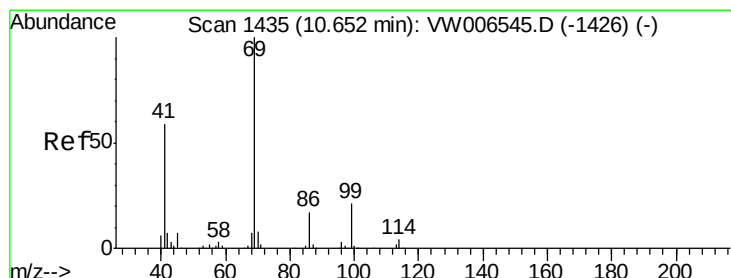
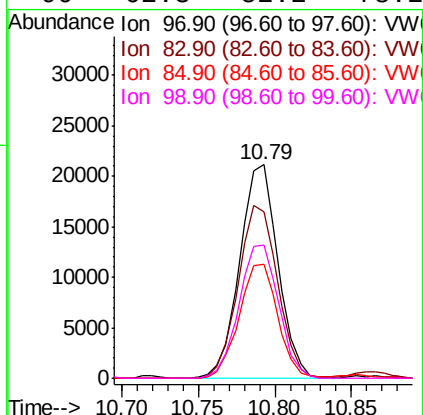
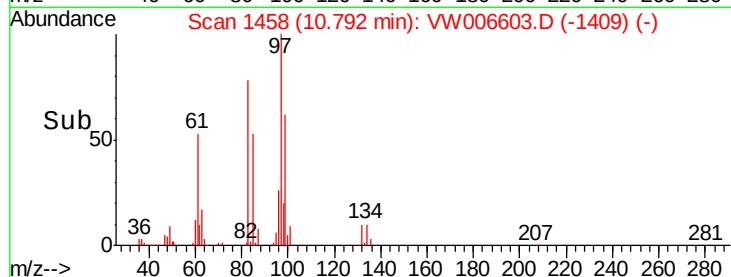
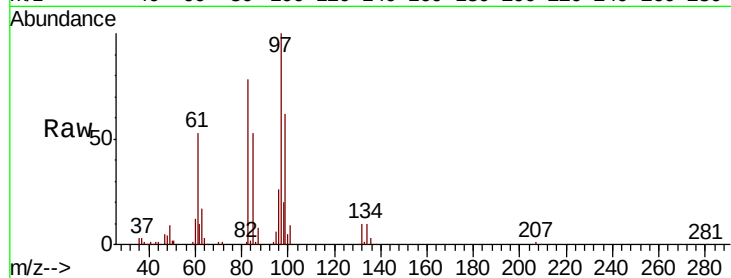




#55
 1,1,2-Trichloroethane
 Concen: 21.644 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

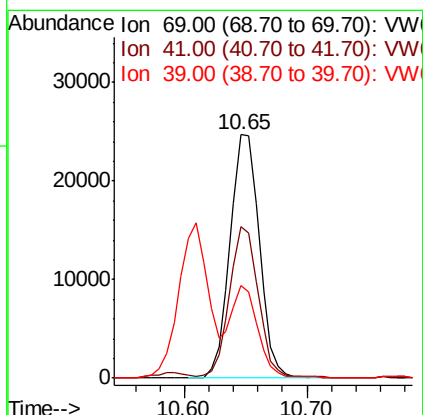
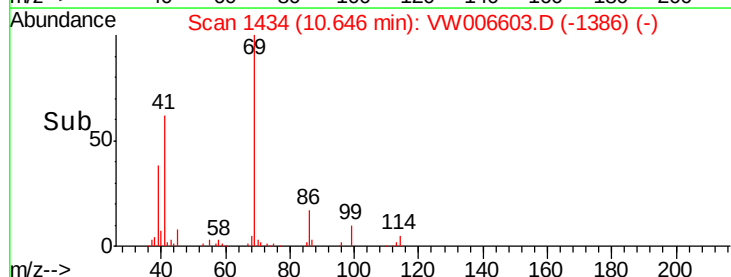
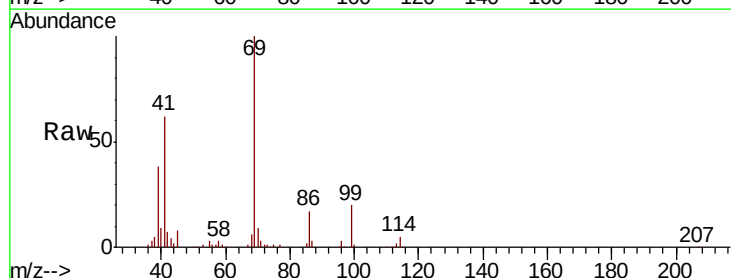
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

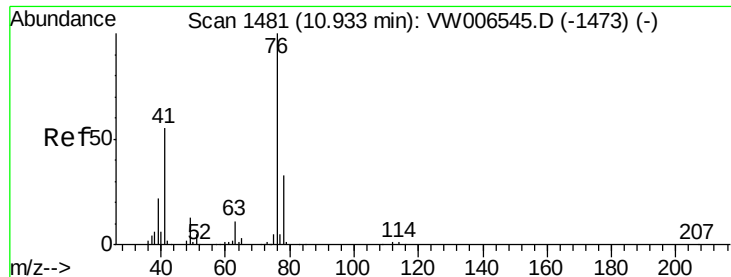
Tgt Ion:	97	Resp:	36801
Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.9	101.9
85	53.1	44.0	66.0
99	62.3	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 21.207 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion:	69	Resp:	40983
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.4	71.2
39	37.2	25.3	37.9

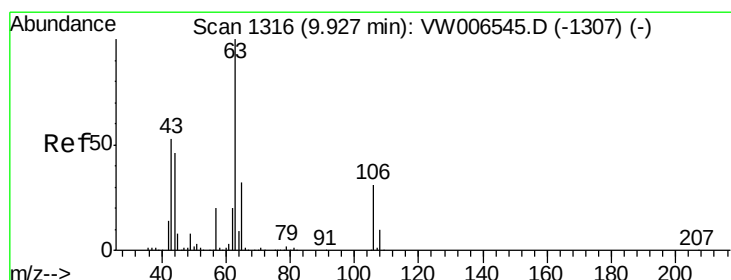
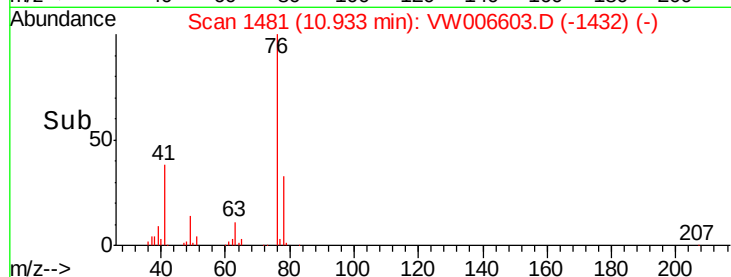
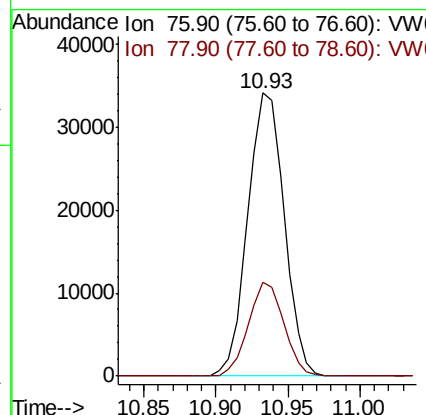
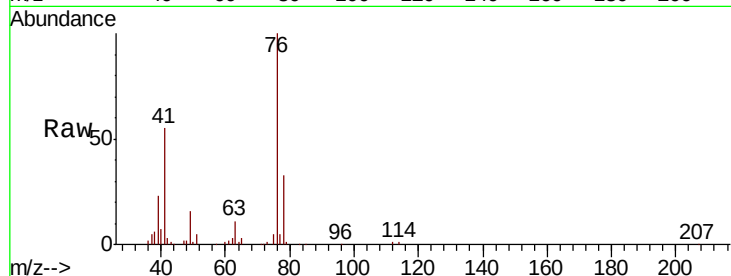




#57
 1,3-Dichloropropane
 Concen: 21.673 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

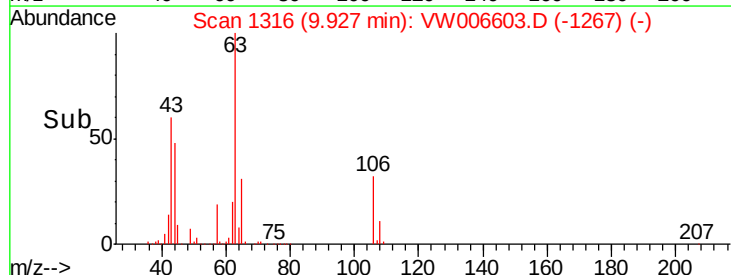
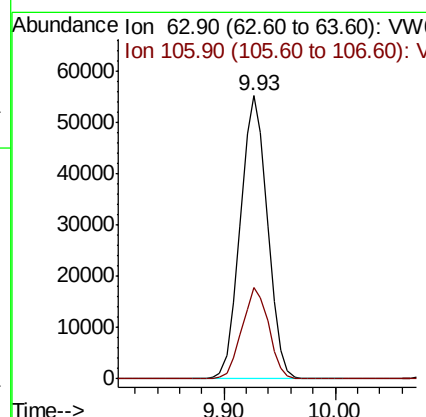
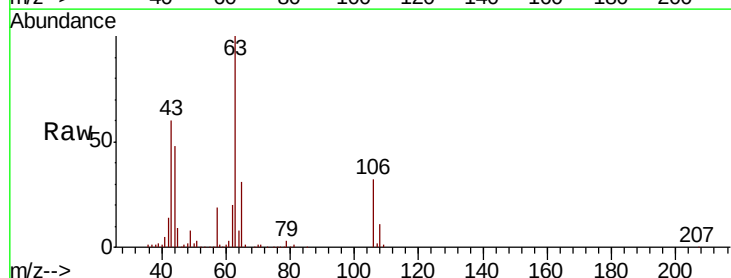
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

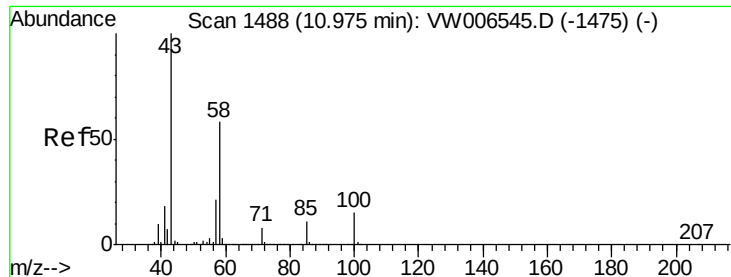
Tgt Ion: 76 Resp: 59838
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.054 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 63 Resp: 93053
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.2

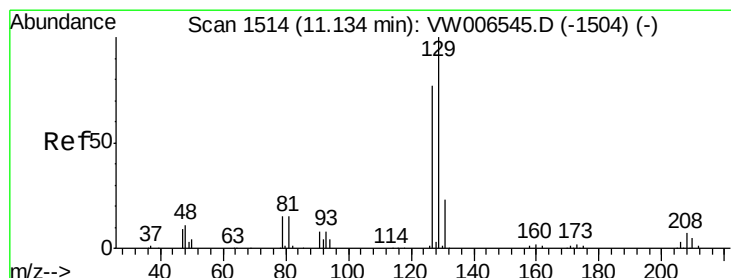
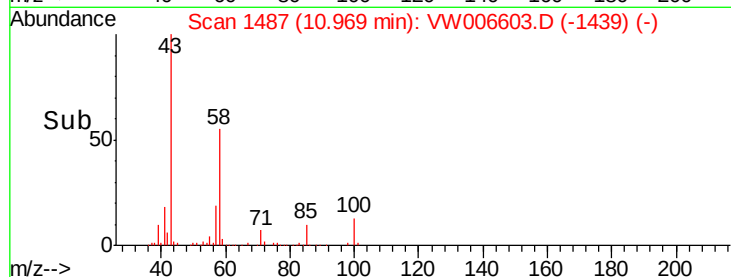
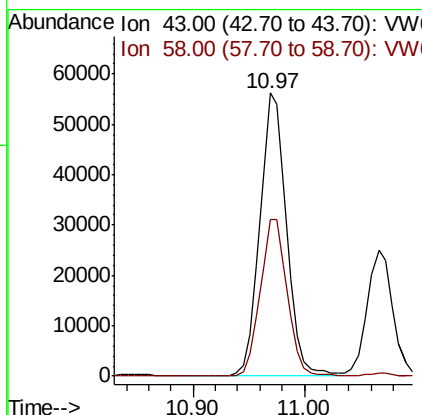
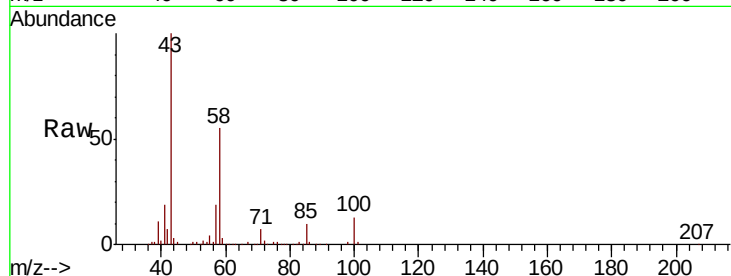




#59
2-Hexanone
Concen: 126.830 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

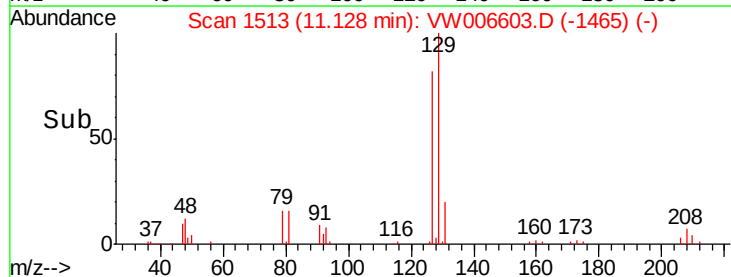
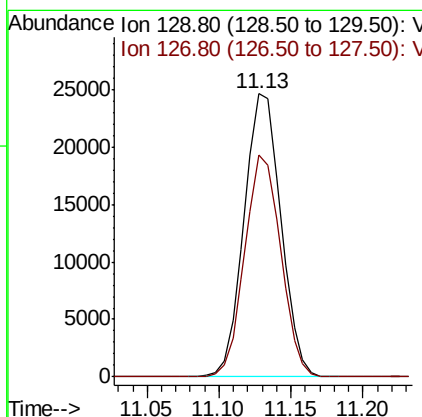
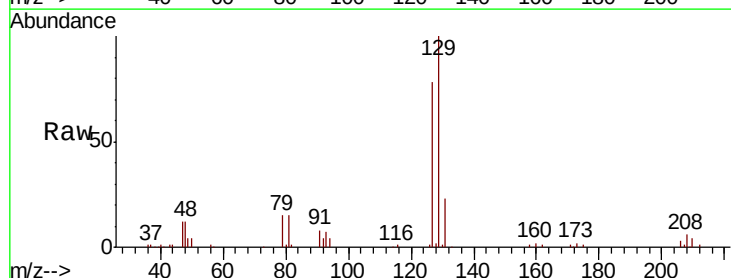
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

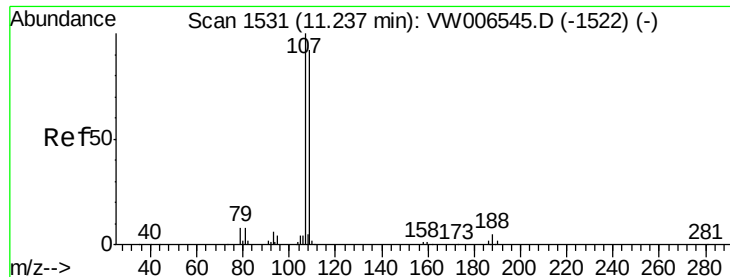
Tgt Ion: 43 Resp: 94351
Ion Ratio Lower Upper
43 100
58 55.8 28.8 86.4



#60
Dibromochloromethane
Concen: 21.681 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 129 Resp: 43676
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3

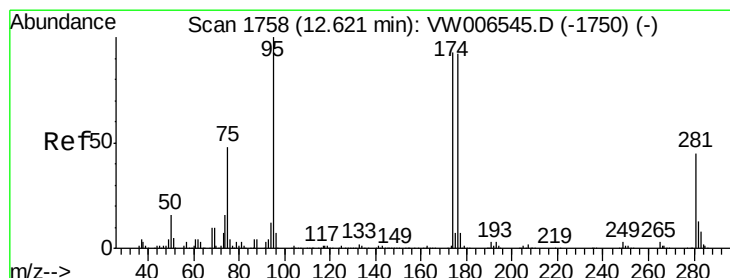
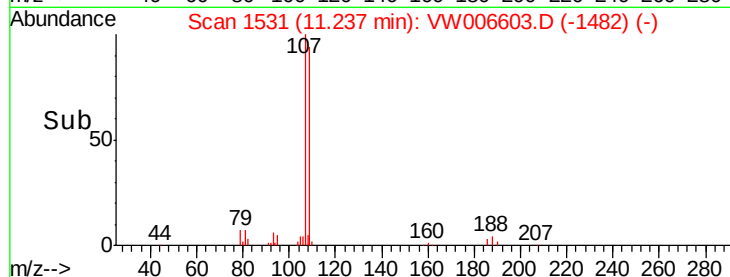
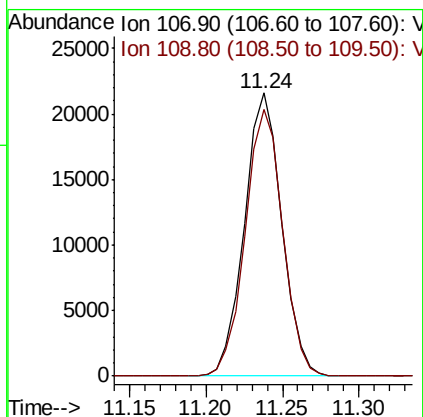
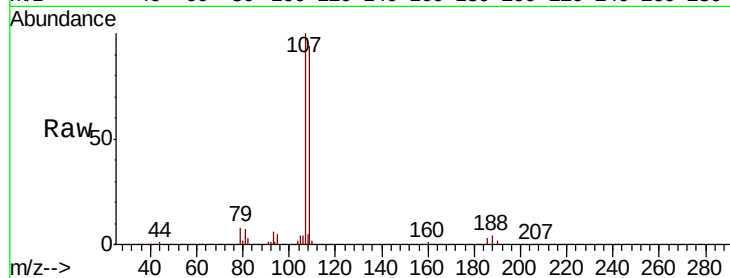




#61
1,2-Dibromoethane
Concen: 21.693 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

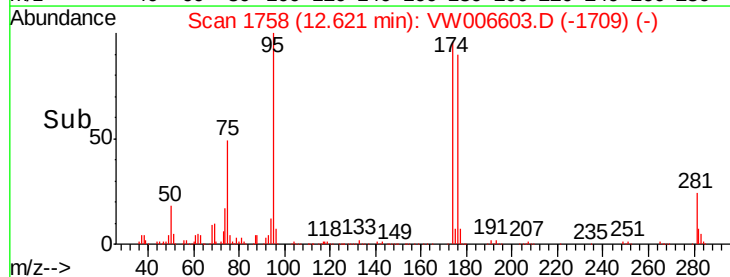
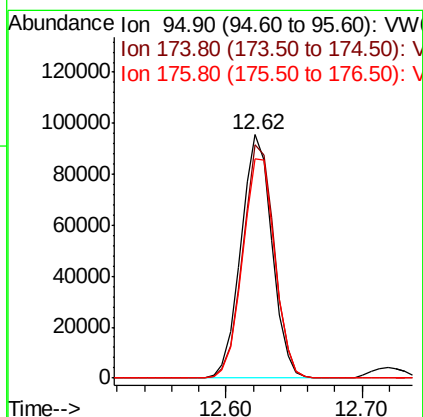
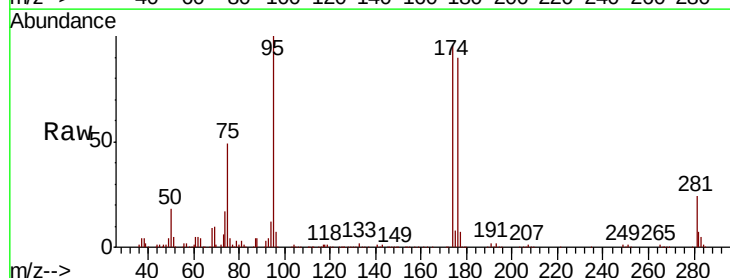
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

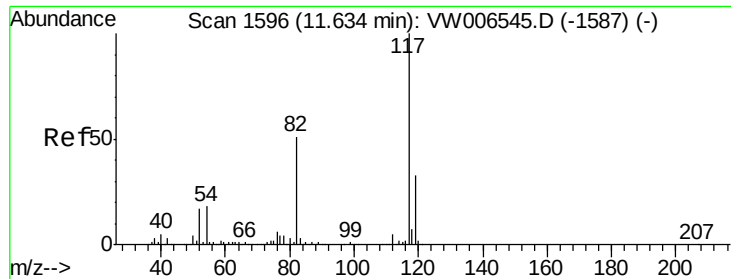
Tgt Ion: 107 Resp: 36628
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.211 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 95 Resp: 152516
Ion Ratio Lower Upper
95 100
174 97.5 0.0 192.4
176 94.0 0.0 187.4

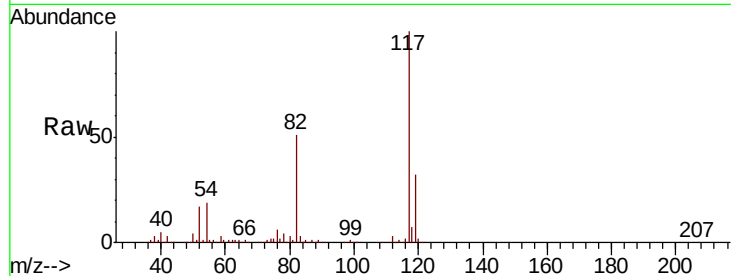




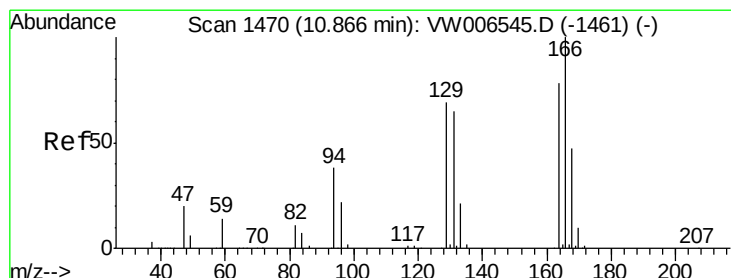
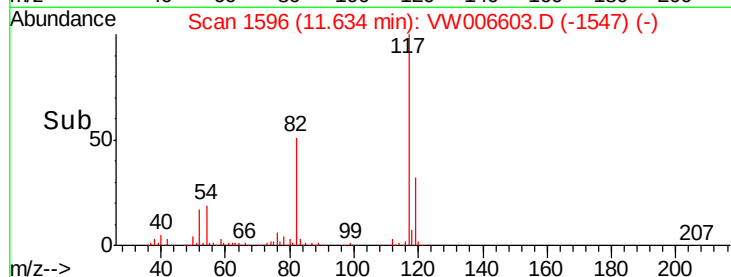
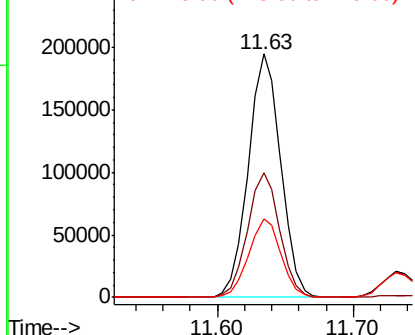
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tgt Ion:117 Resp: 324752
Ion Ratio Lower Upper
117 100
82 51.0 40.8 61.2
119 32.0 26.1 39.1

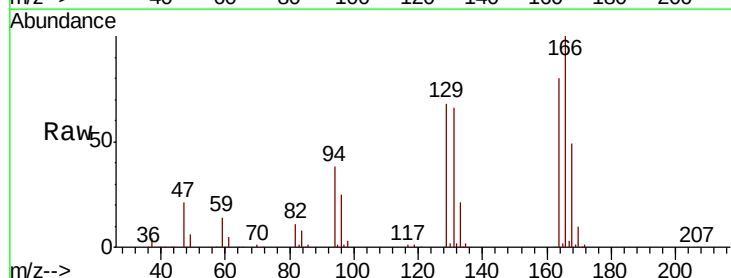


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

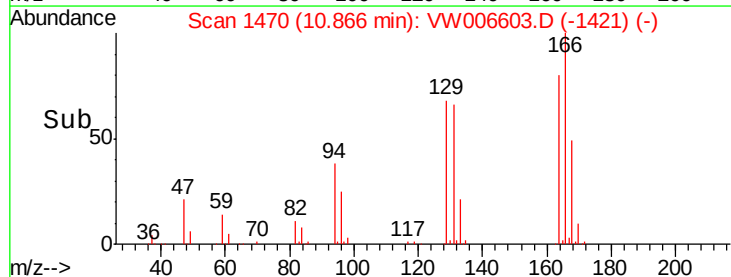
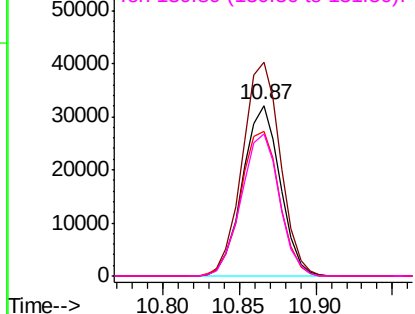


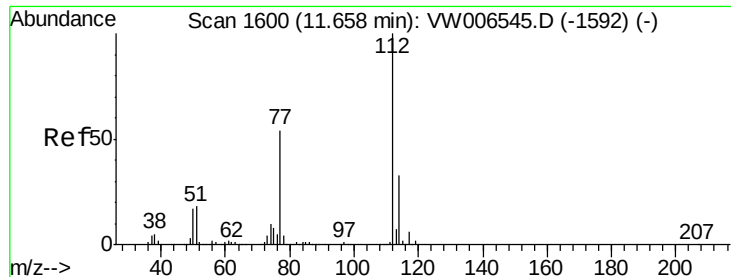
#64
Tetrachloroethene
Concen: 21.086 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion:164 Resp: 54586
Ion Ratio Lower Upper
164 100
166 125.3 102.8 154.2
129 84.8 70.9 106.3
131 83.0 67.0 100.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

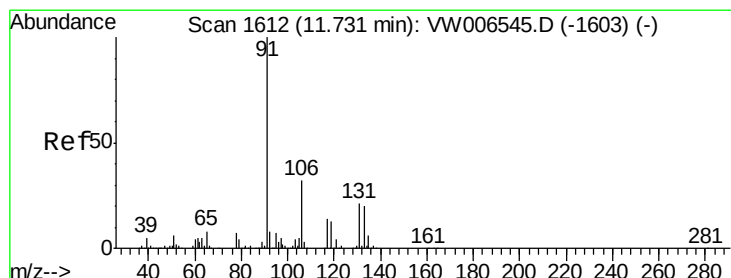
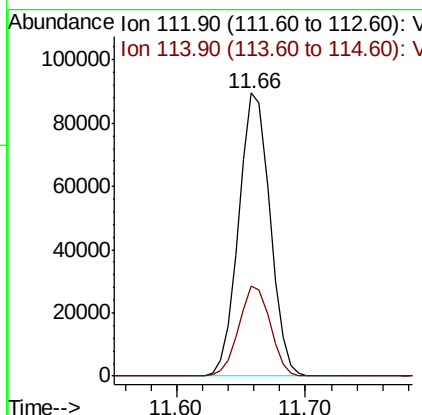
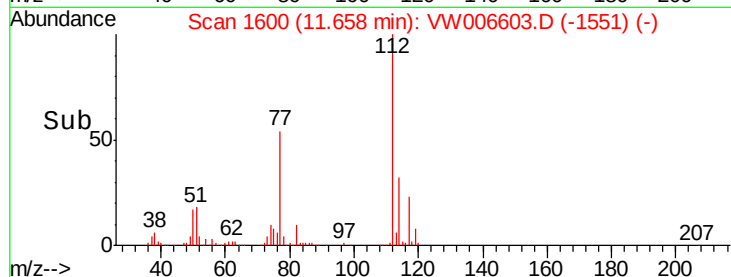
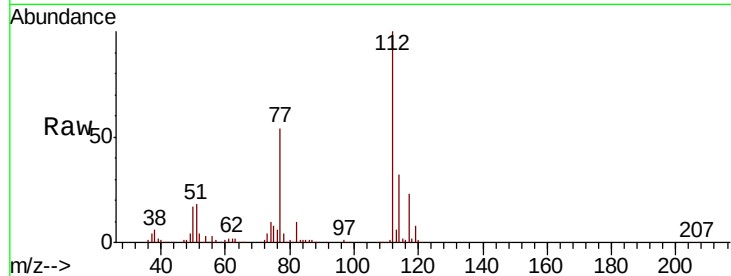




#65
Chlorobenzene
Concen: 22.030 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

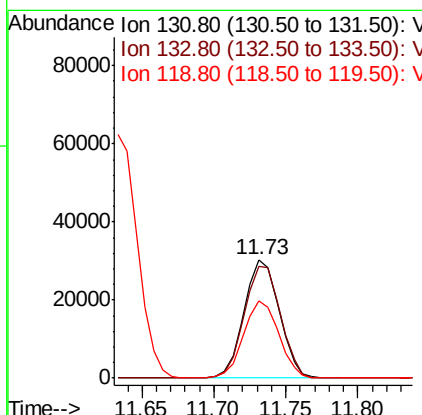
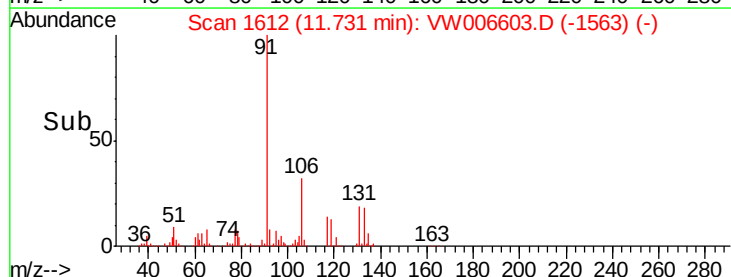
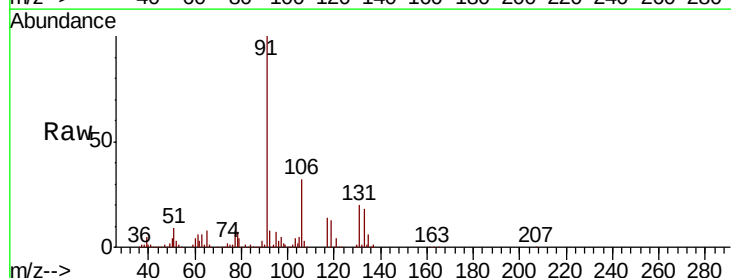
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

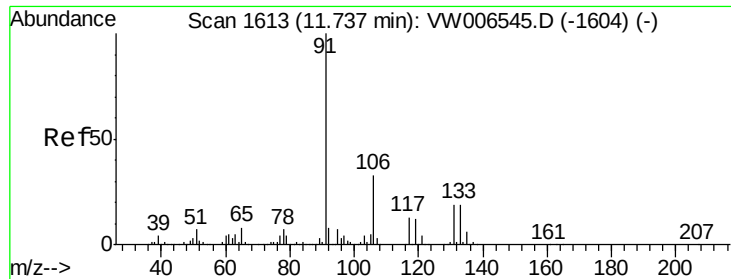
Tgt Ion:112 Resp: 150551
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.412 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion:131 Resp: 51429
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.5
119 64.9 31.9 95.5

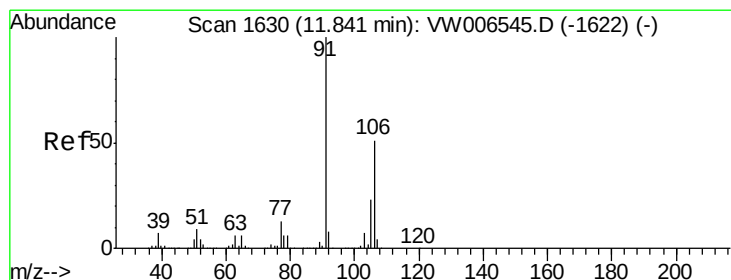
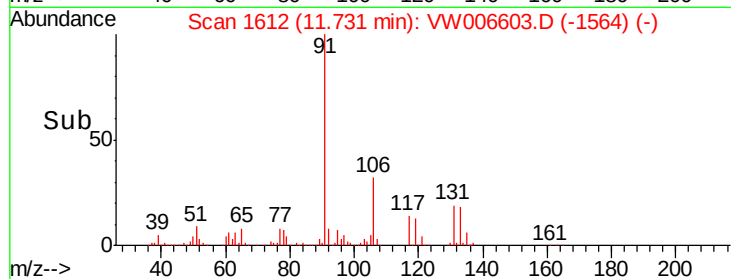
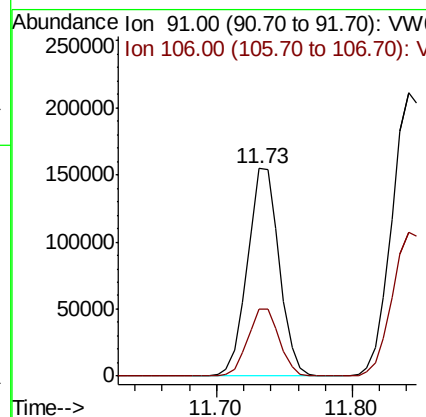
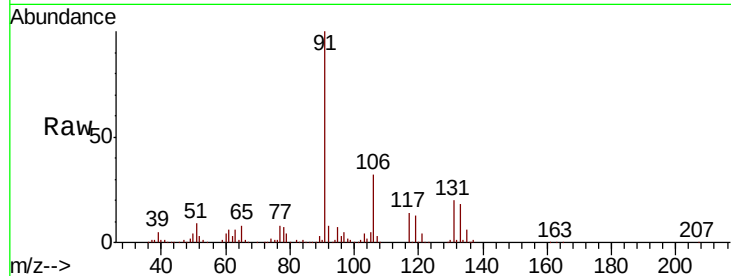




#67
Ethyl Benzene
Concen: 22.157 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

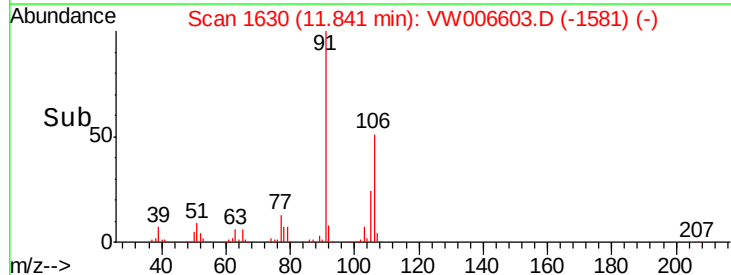
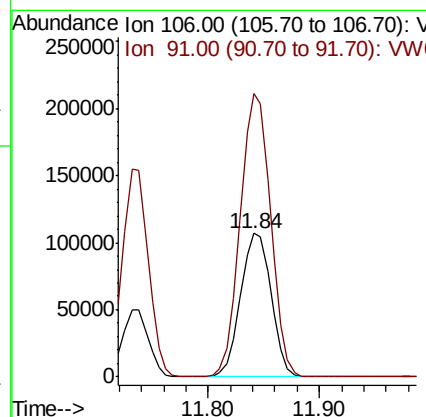
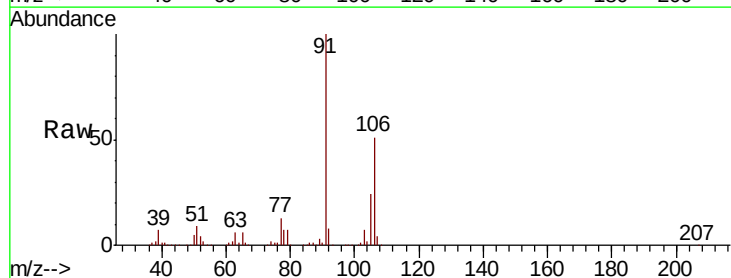
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

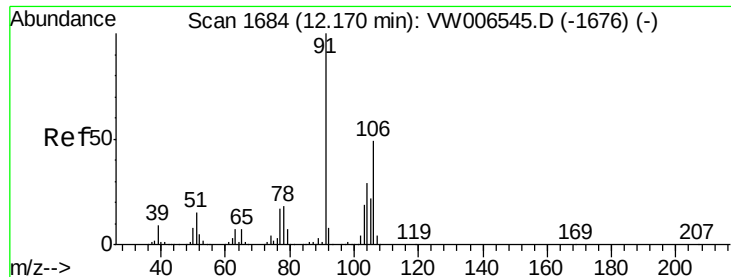
Tgt Ion: 91 Resp: 253085
Ion Ratio Lower Upper
91 100
106 32.1 26.3 39.5



#68
m/p-Xylenes
Concen: 44.687 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 106 Resp: 203926
Ion Ratio Lower Upper
106 100
91 195.8 156.7 235.1

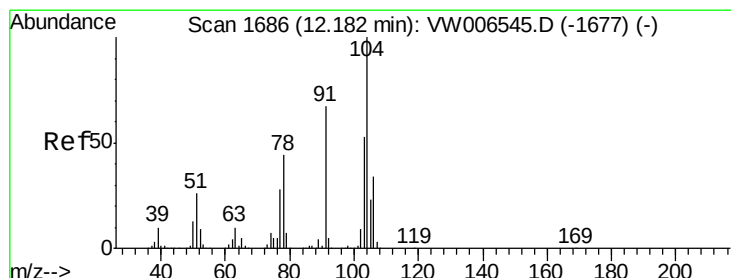
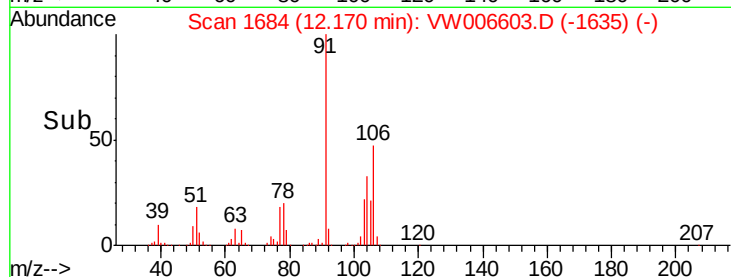
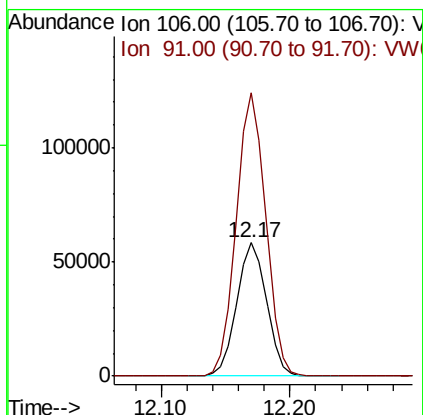
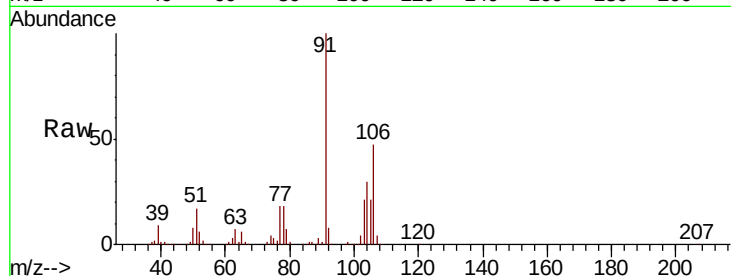




#69
o-Xylene
Concen: 21.526 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

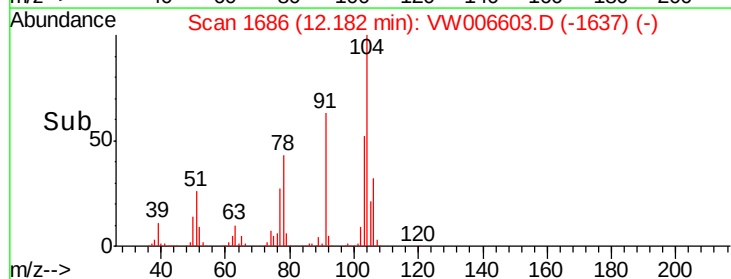
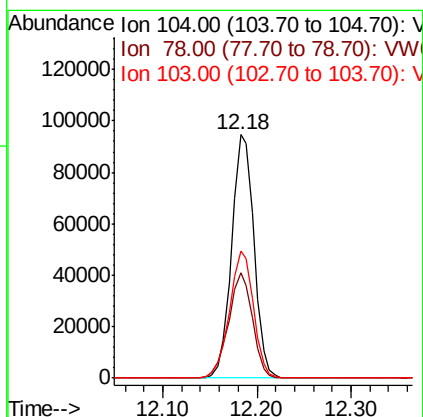
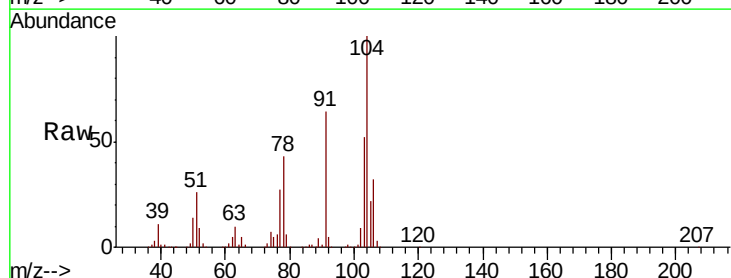
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

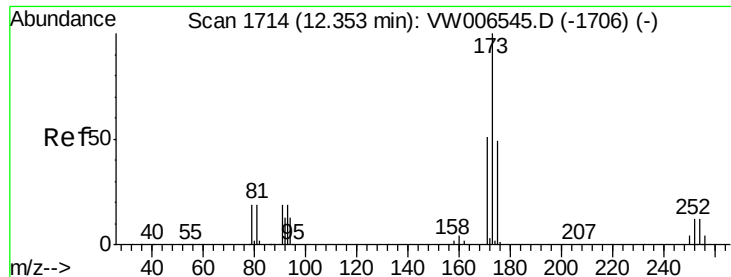
Tgt Ion:106 Resp: 93522
Ion Ratio Lower Upper
106 100
91 211.2 102.8 308.4



#70
Styrene
Concen: 21.917 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion:104 Resp: 155241
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.8 44.2 66.2





#71

Bromoform

Concen: 21.551 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

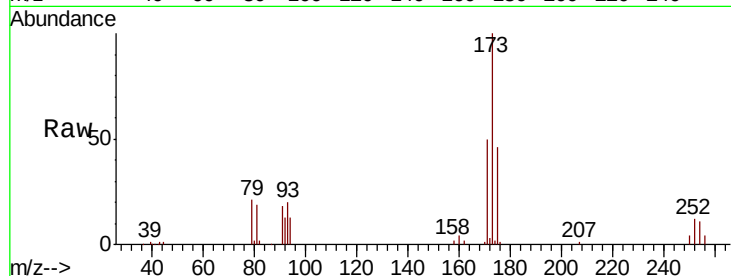
Tgt Ion:173 Resp: 27440

Ion Ratio Lower Upper

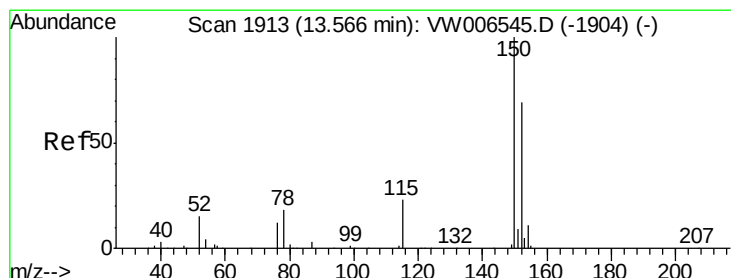
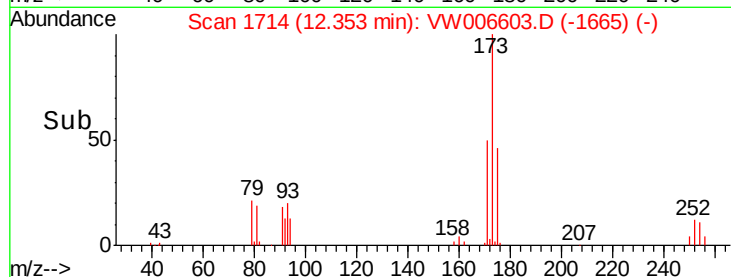
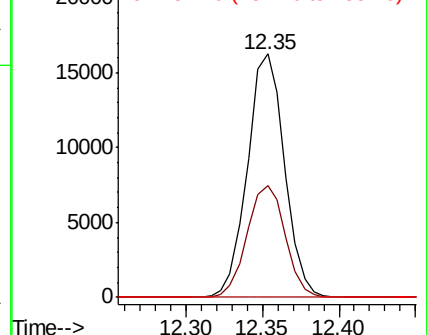
173 100

175 47.1 24.1 72.4

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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

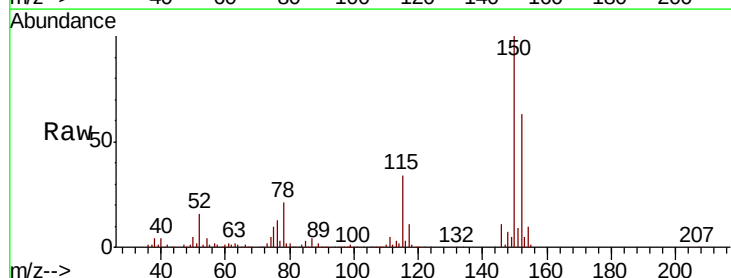
Tgt Ion:152 Resp: 184191

Ion Ratio Lower Upper

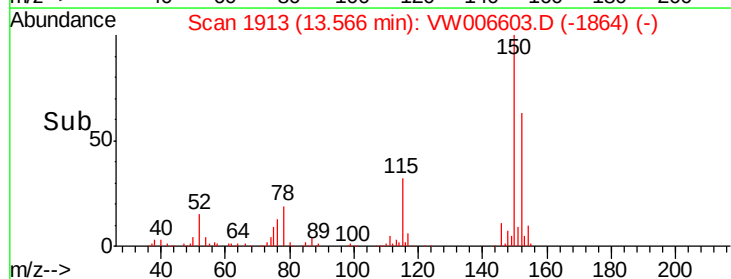
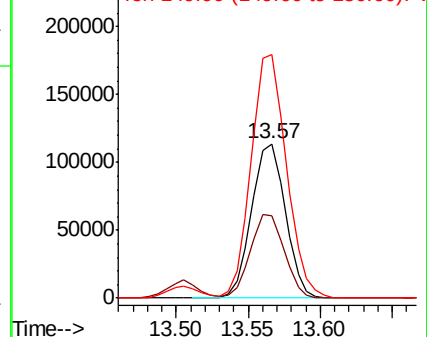
152 100

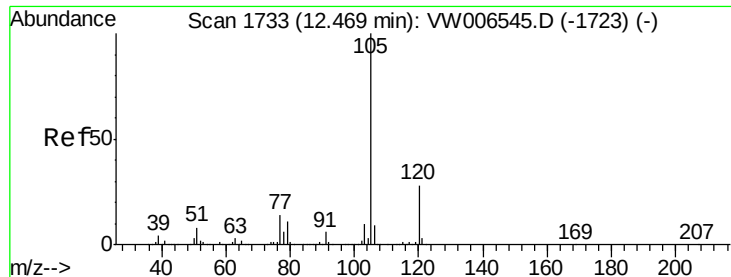
115 54.4 26.6 79.8

150 165.1 0.0 344.6



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

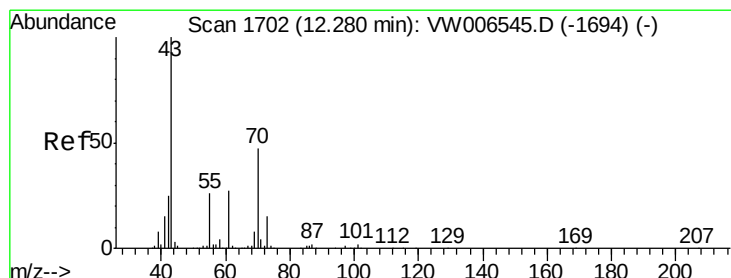
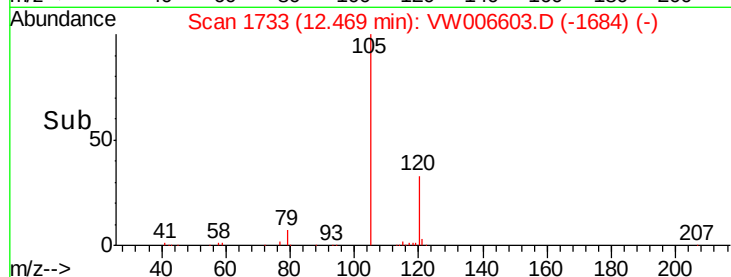
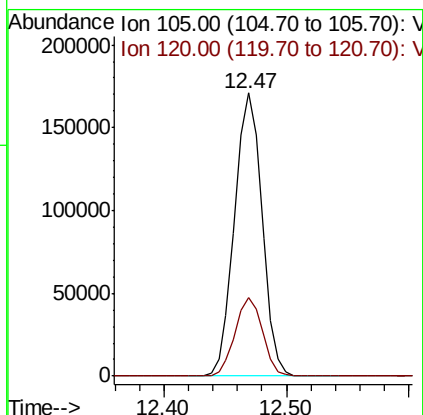
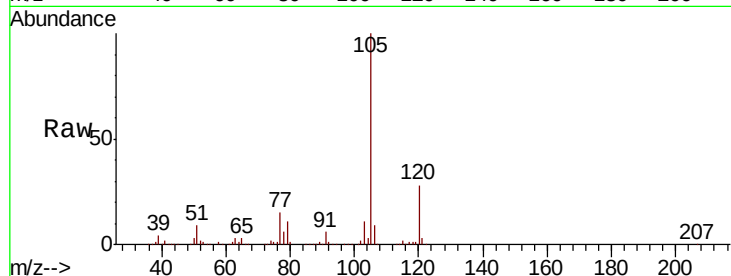




#73
Isopropylbenzene
Concen: 21.938 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

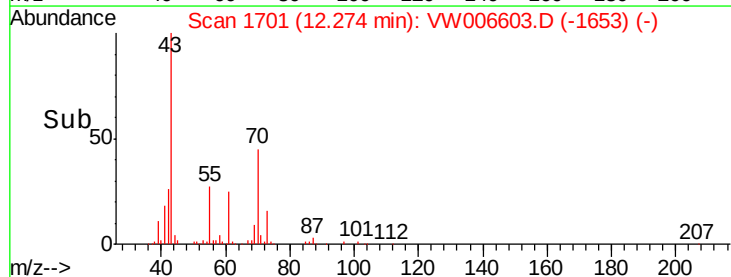
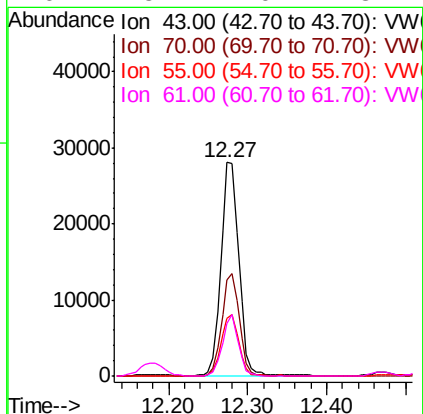
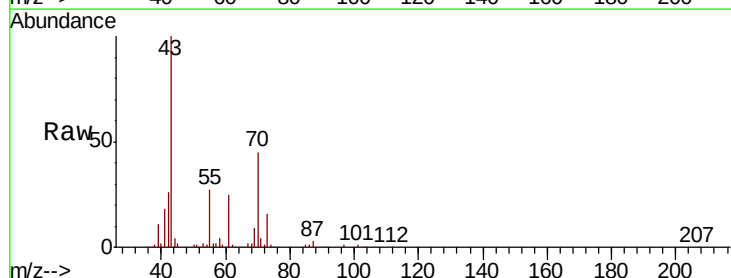
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

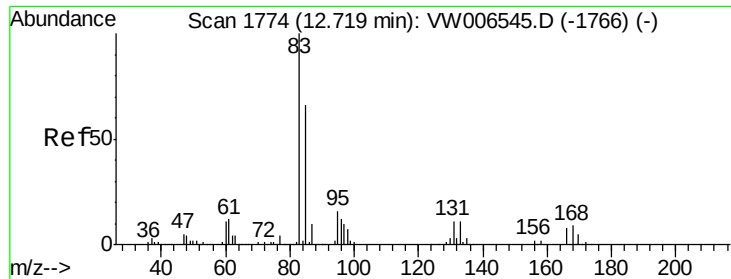
Tgt Ion: 105 Resp: 266183
Ion Ratio Lower Upper
105 100
120 27.7 13.7 41.1



#74
N-ethyl acetate
Concen: 21.304 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 43 Resp: 44668
Ion Ratio Lower Upper
43 100
70 46.7 36.9 55.3
55 27.9 20.7 31.1
61 25.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.870 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

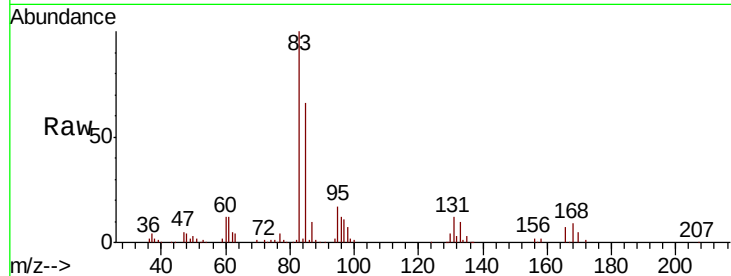
Tgt Ion: 83 Resp: 41911

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

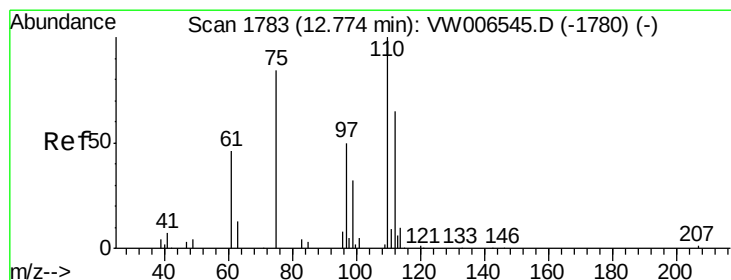
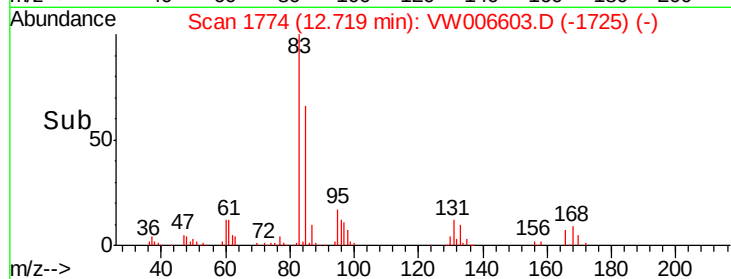
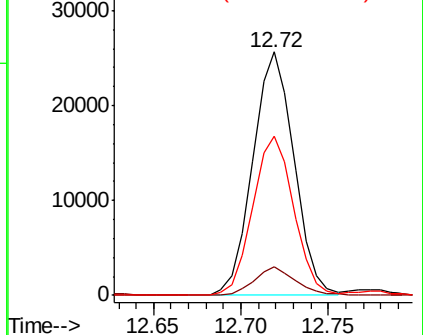
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.758 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006603.D

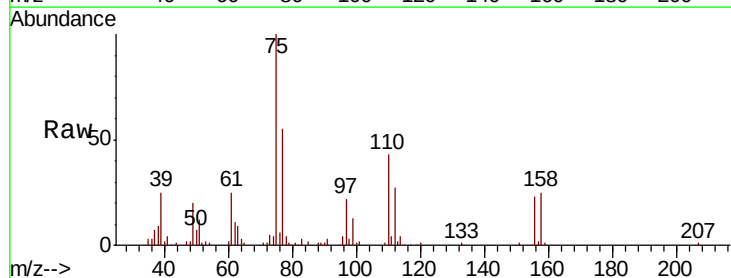
Acq: 02 Nov 2018 16:06

Tgt Ion: 75 Resp: 52826

Ion Ratio Lower Upper

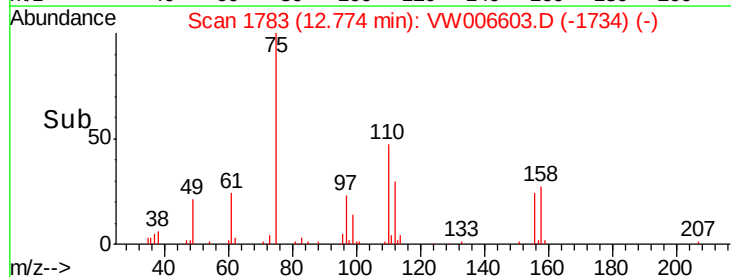
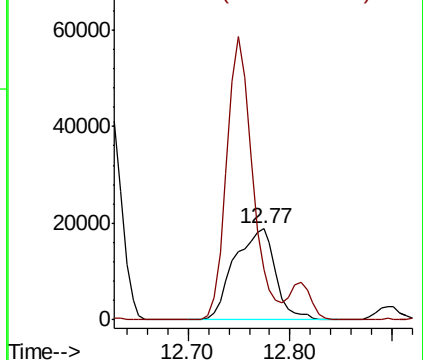
75 100

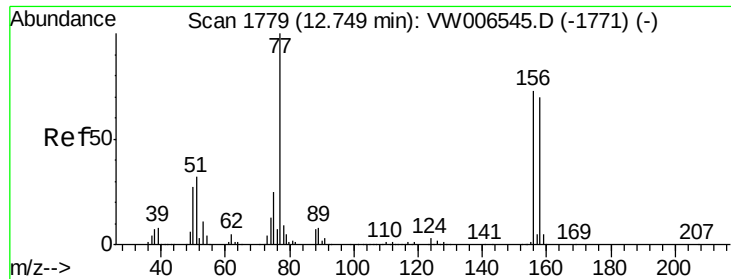
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

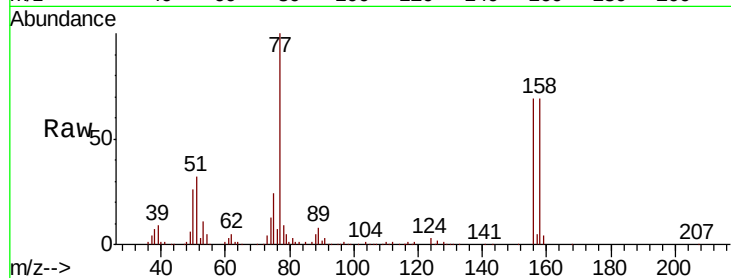




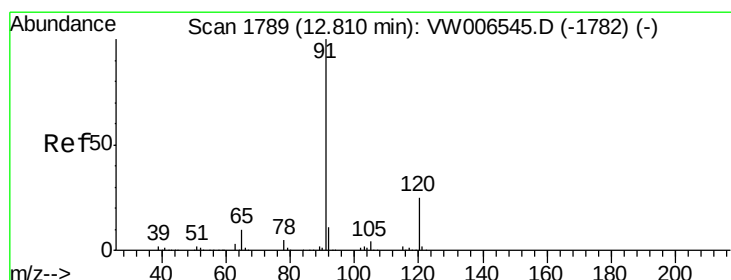
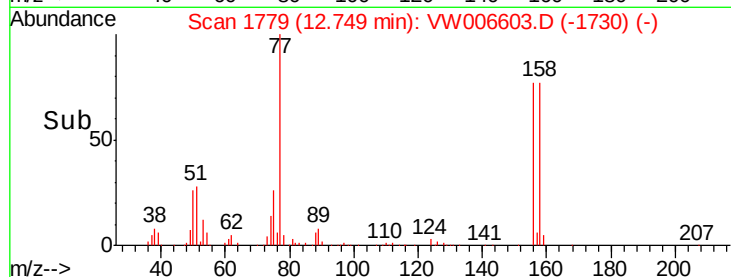
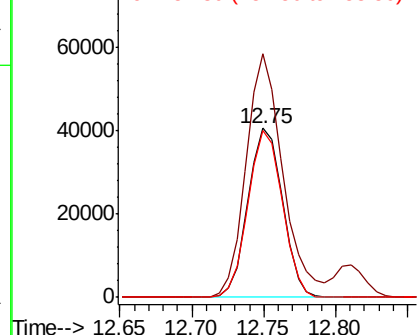
#77
Bromobenzene
Concen: 21.485 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tgt Ion:156 Resp: 67497
Ion Ratio Lower Upper
156 100
77 153.8 75.9 227.8
158 98.1 48.6 145.9

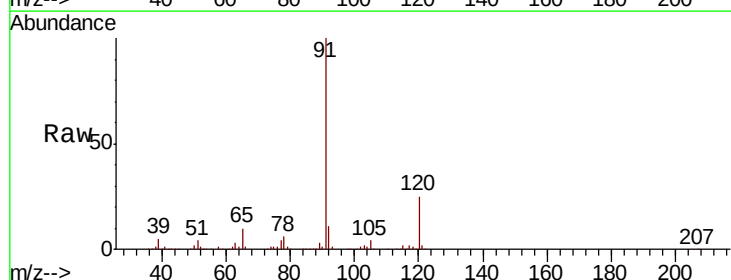


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

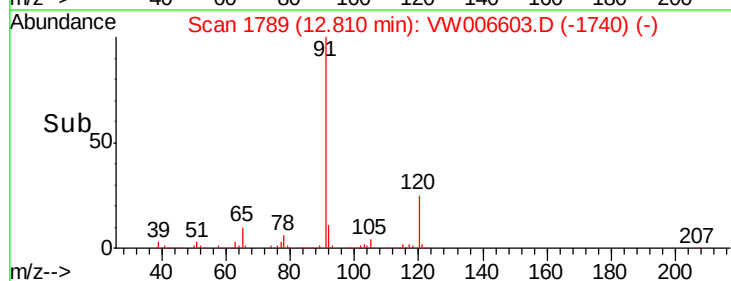
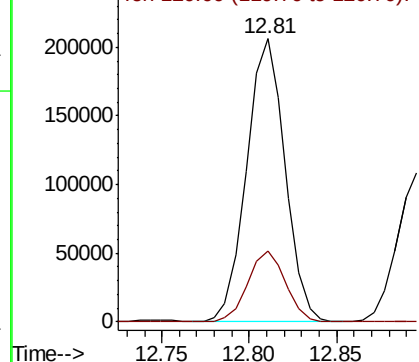


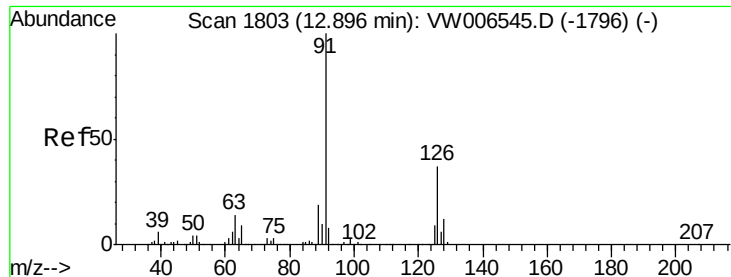
#78
n-propylbenzene
Concen: 22.582 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 91 Resp: 315157
Ion Ratio Lower Upper
91 100
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.936 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

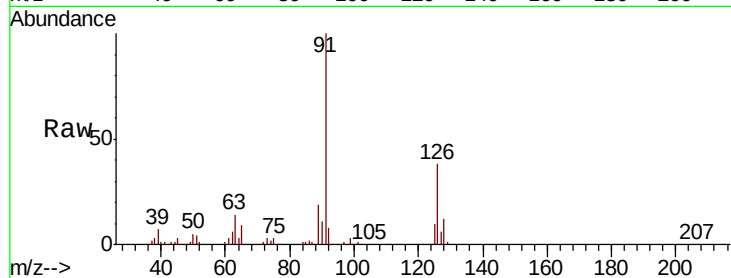
VW1104SBS01

Tgt Ion: 91 Resp: 175701

Ion Ratio Lower Upper

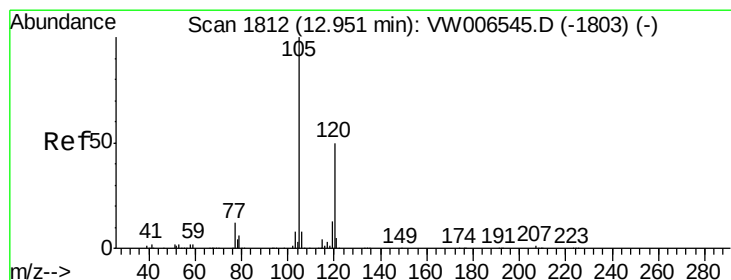
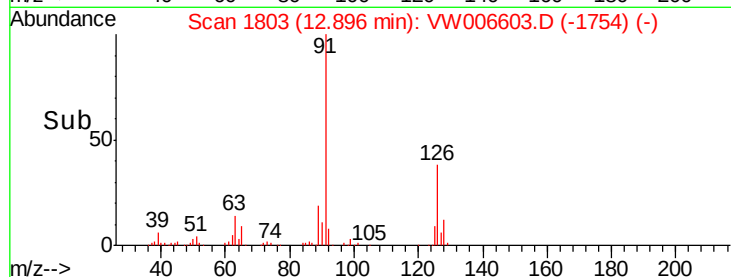
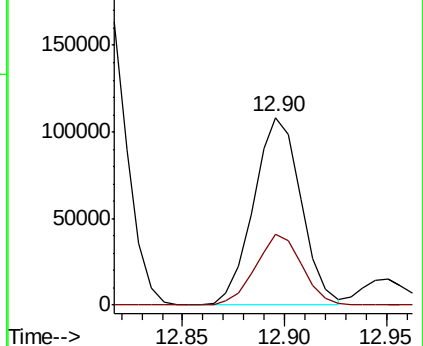
91 100

126 36.8 18.5 55.5



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: 22.134 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006603.D

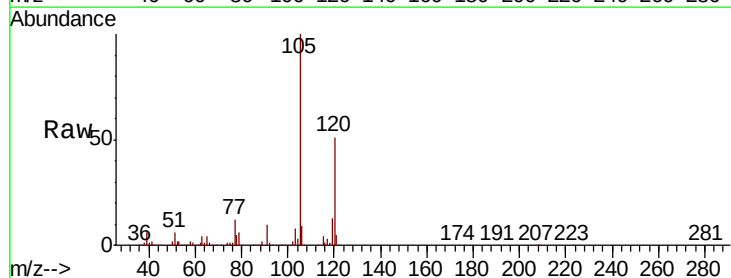
Acq: 02 Nov 2018 16:06

Tgt Ion: 105 Resp: 225627

Ion Ratio Lower Upper

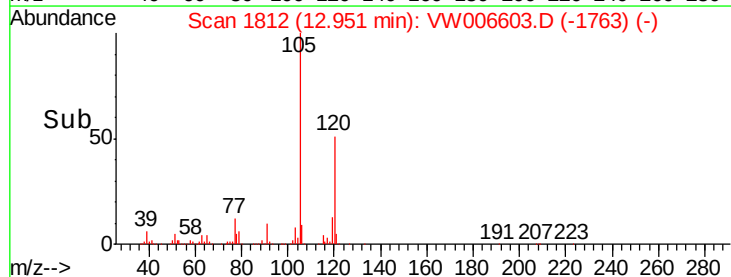
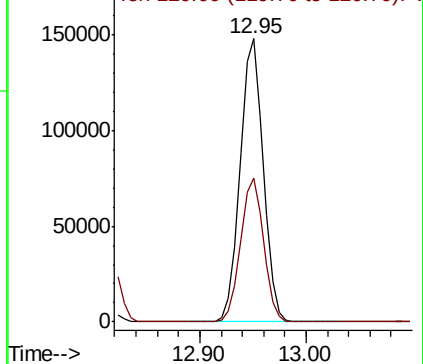
105 100

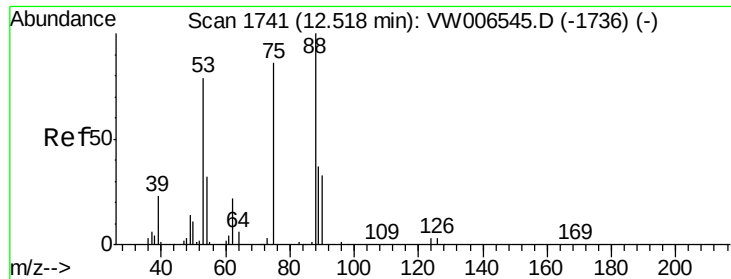
120 50.8 25.1 75.3



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: 21.278 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

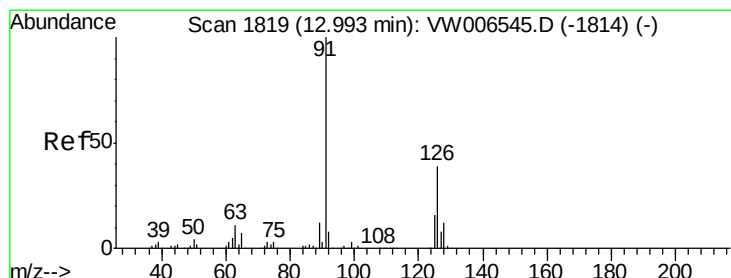
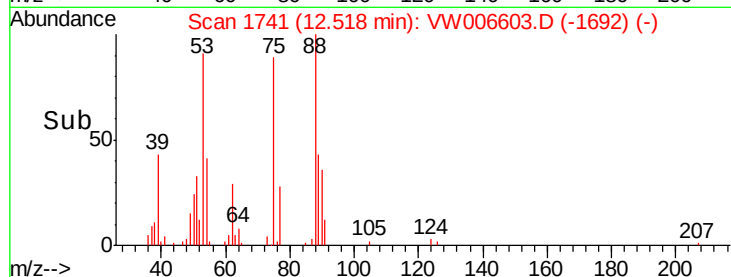
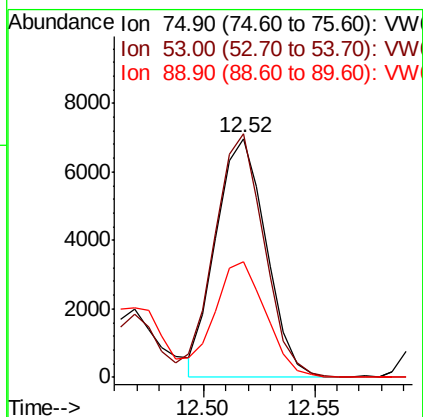
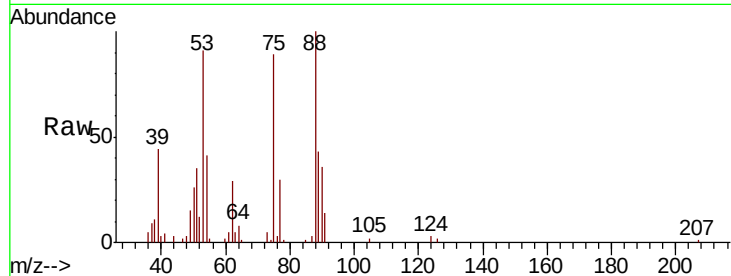
Tgt Ion: 75 Resp: 10912

Ion Ratio Lower Upper

75 100

53 101.8 77.2 115.8

89 50.7 38.6 58.0



#82

4-Chlorotoluene

Concen: 22.111 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006603.D

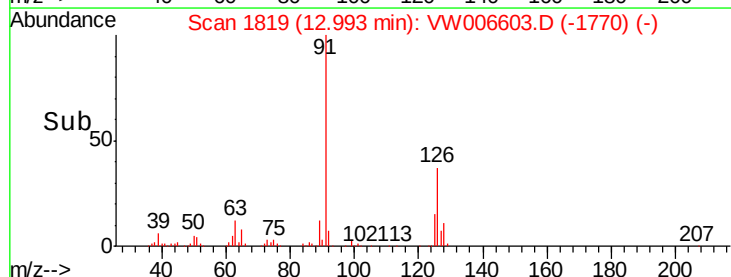
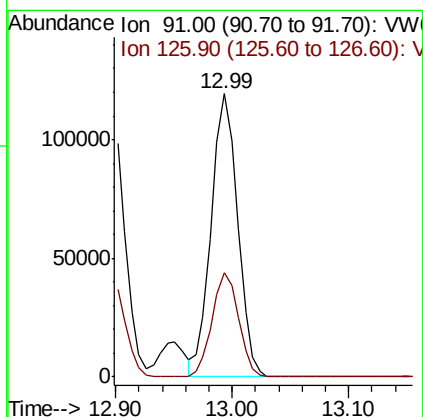
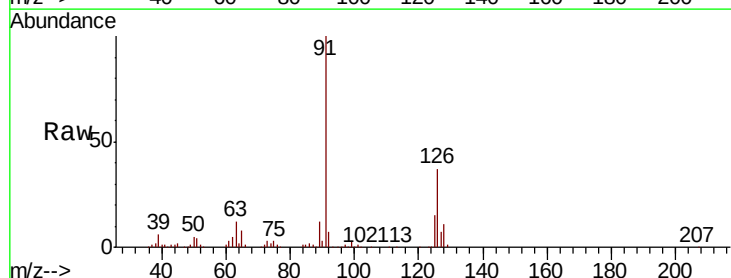
Acq: 02 Nov 2018 16:06

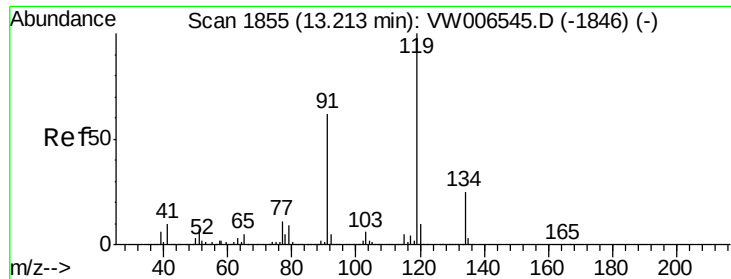
Tgt Ion: 91 Resp: 187362

Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5

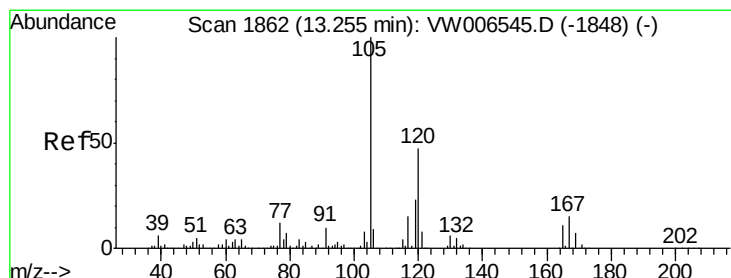
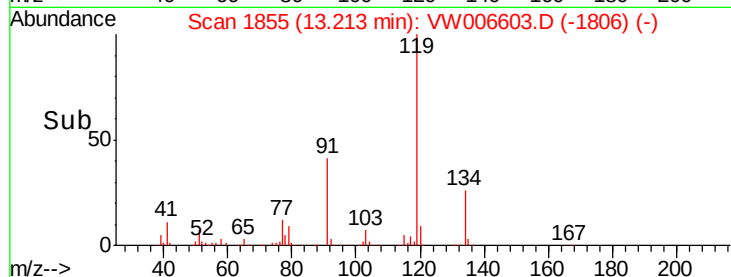
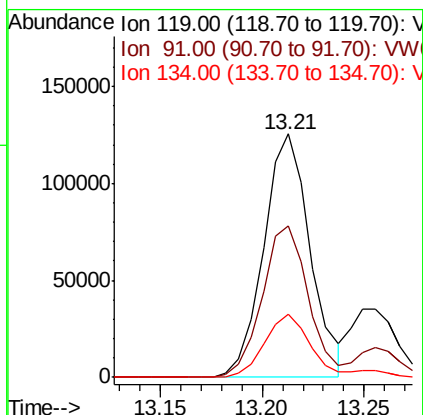
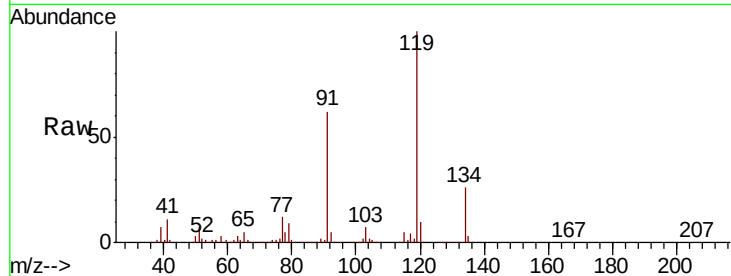




#83
 tert-Butylbenzene
 Concen: 21.943 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

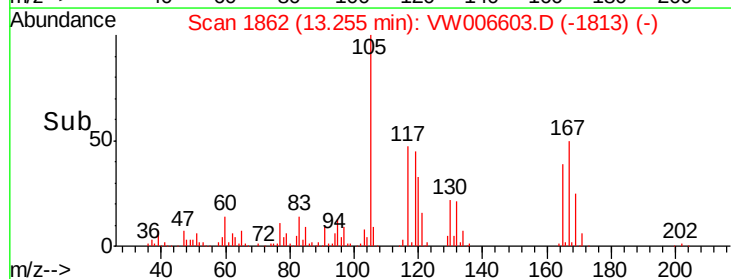
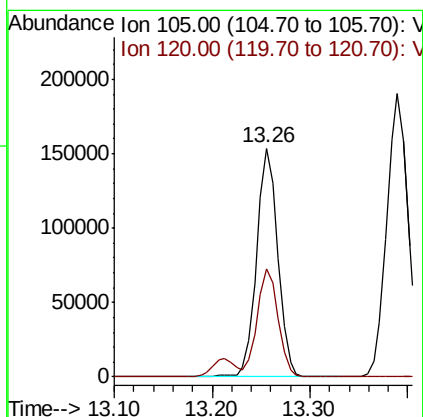
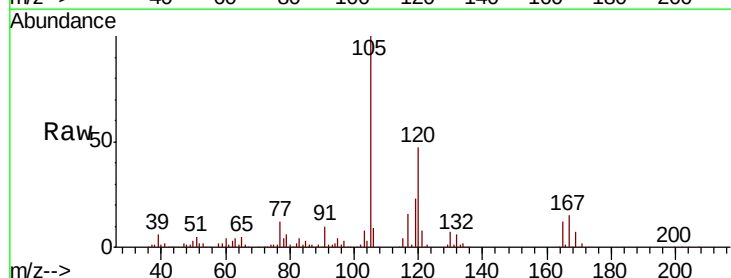
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

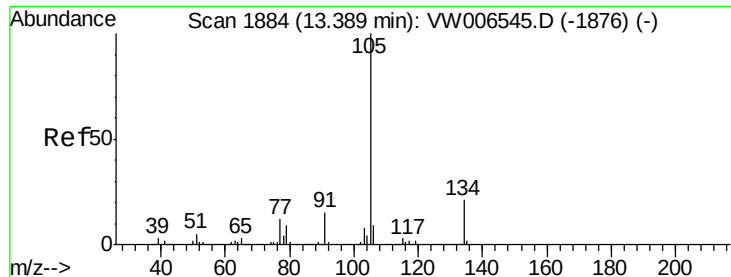
Tgt Ion:119 Resp: 199474
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.4 91.3
 134 25.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.083 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion:105 Resp: 230891
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.649 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

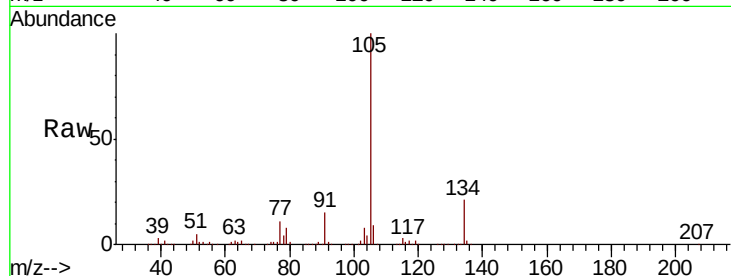
VW1104SBS01

Tgt Ion:105 Resp: 288360

Ion Ratio Lower Upper

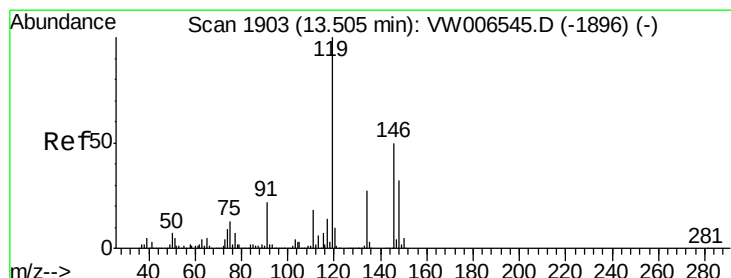
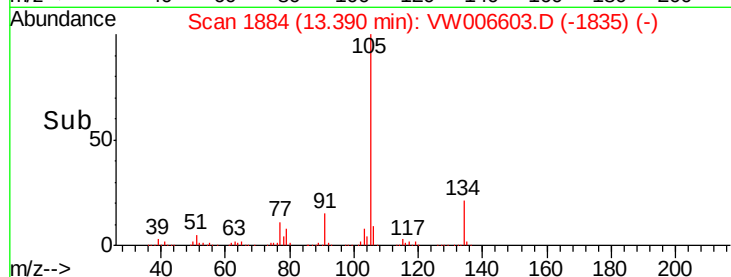
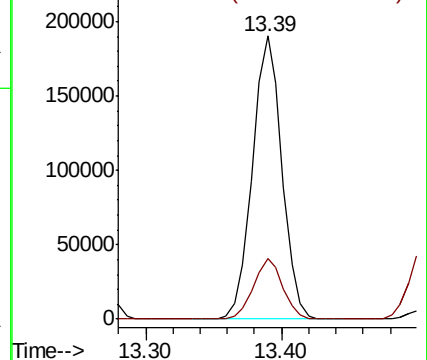
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.485 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

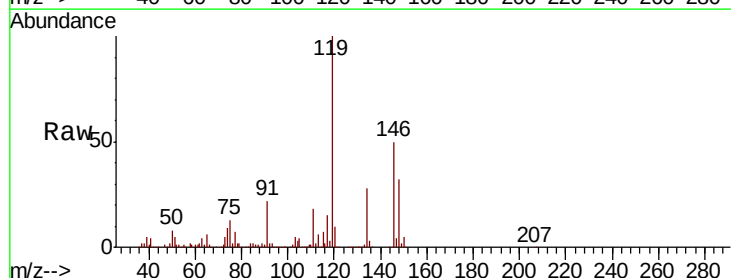
Tgt Ion:119 Resp: 260486

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

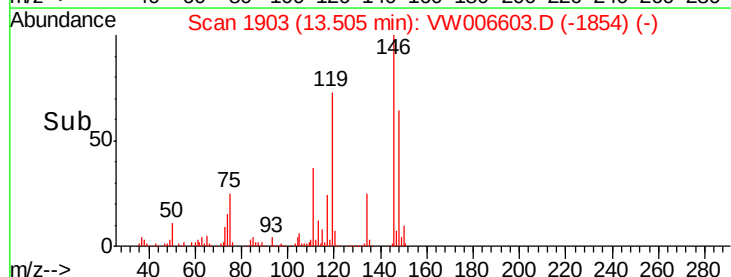
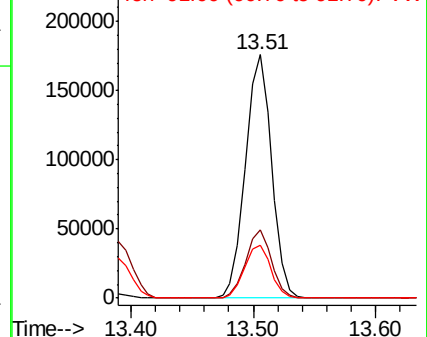
91 22.1 10.9 32.6

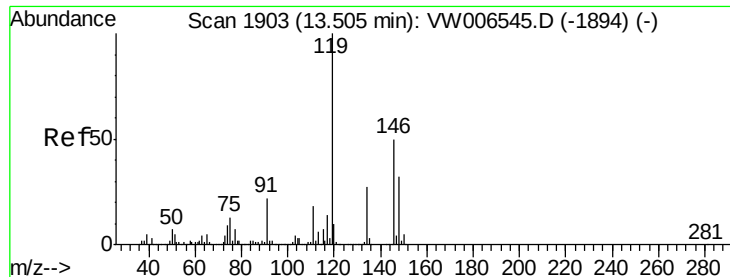


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.470 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

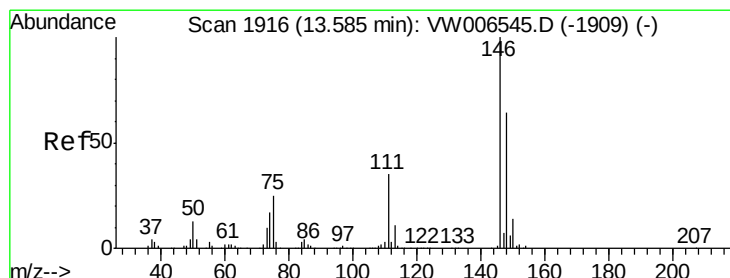
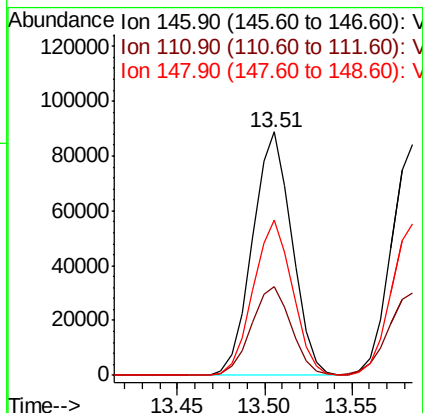
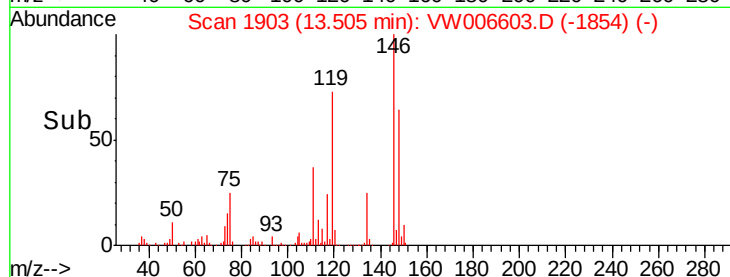
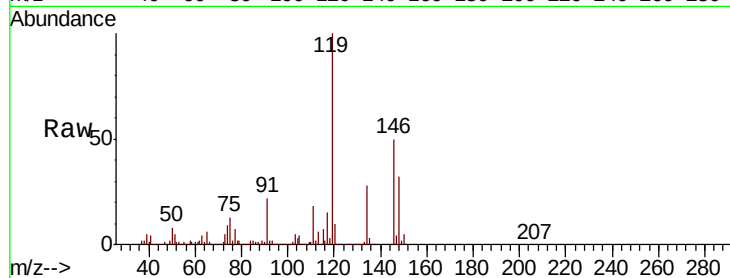
Tgt Ion:146 Resp: 139018

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

148 63.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 22.066 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

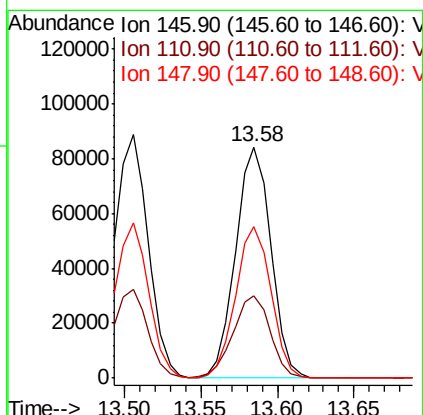
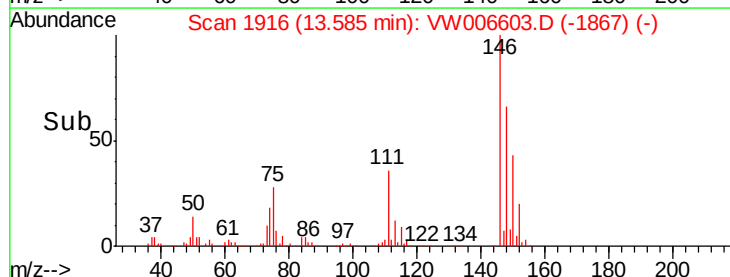
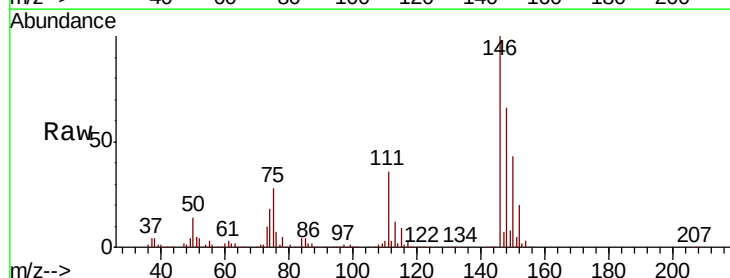
Tgt Ion:146 Resp: 135323

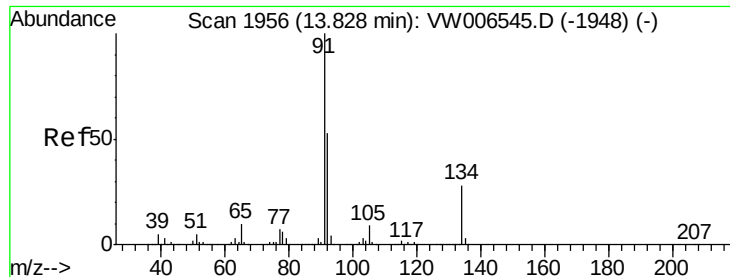
Ion Ratio Lower Upper

146 100

111 37.5 17.9 53.7

148 66.0 32.1 96.5

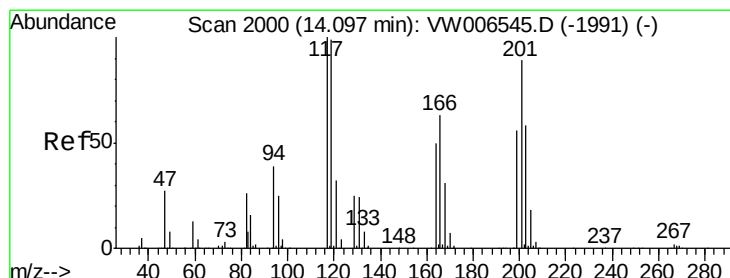
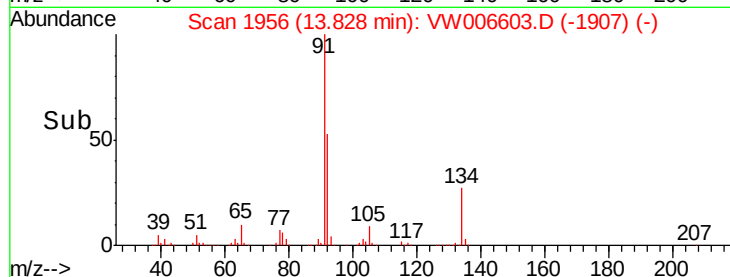
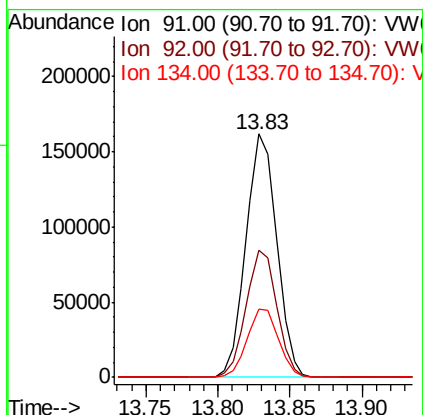
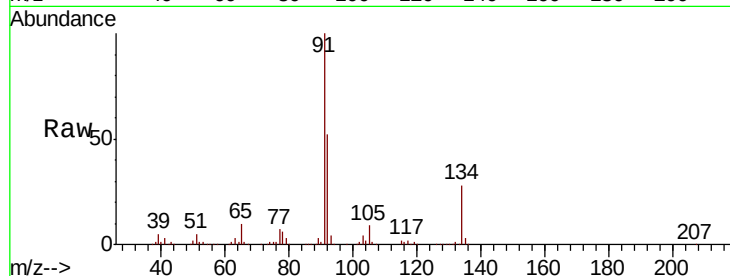




#89
n-Butylbenzene
Concen: 23.292 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

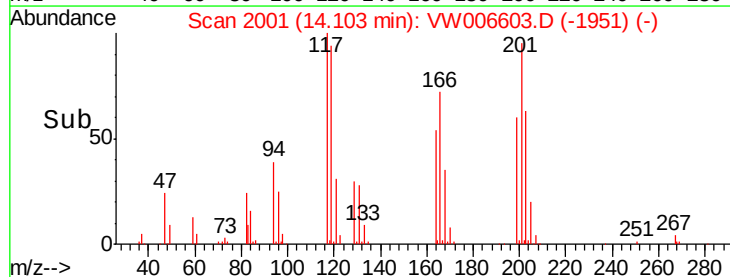
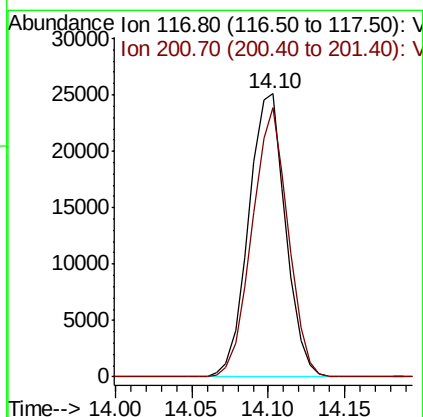
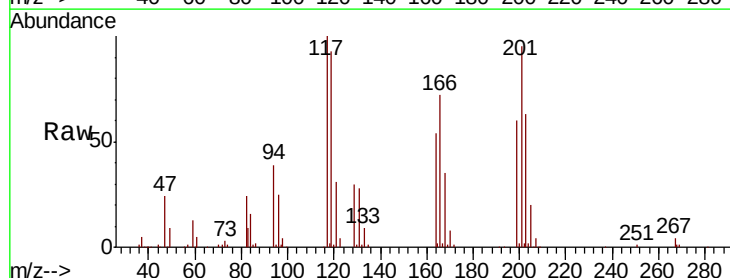
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

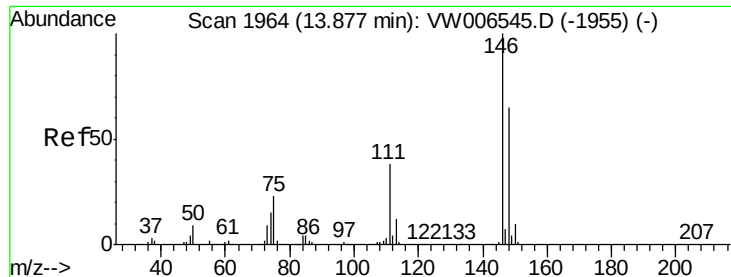
Tgt Ion: 91 Resp: 239532
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 22.103 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion: 117 Resp: 42085
Ion Ratio Lower Upper
117 100
201 92.6 46.8 140.3

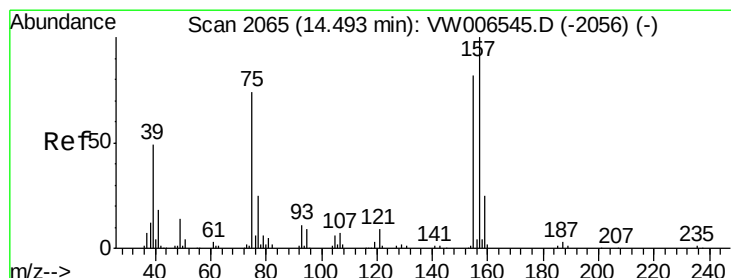
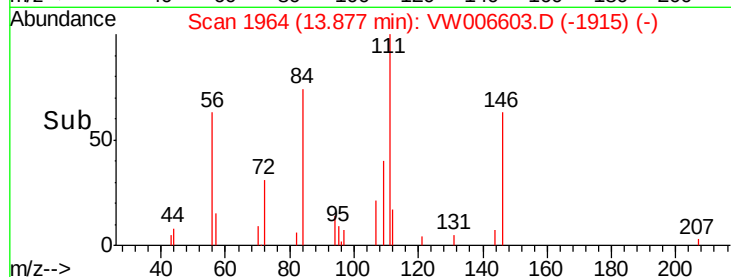
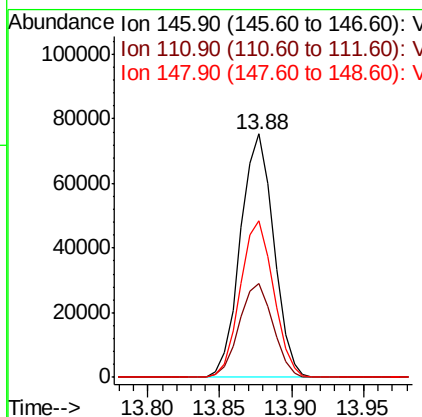
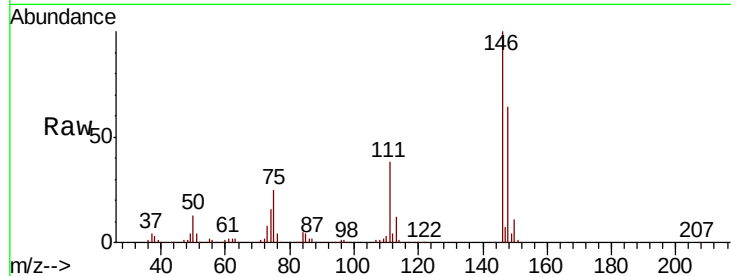




#91
 1,2-Dichlorobenzene
 Concen: 21.728 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

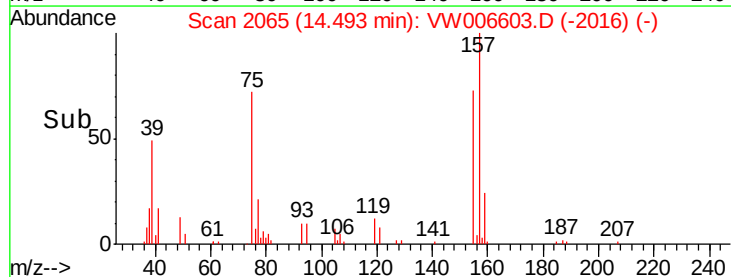
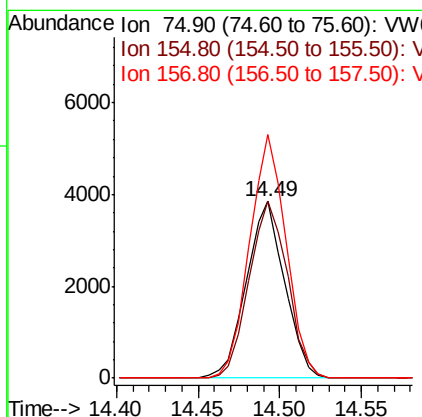
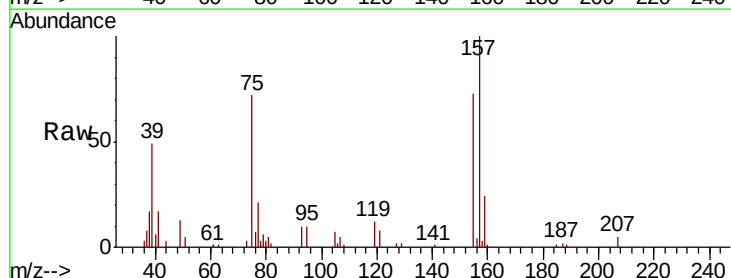
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

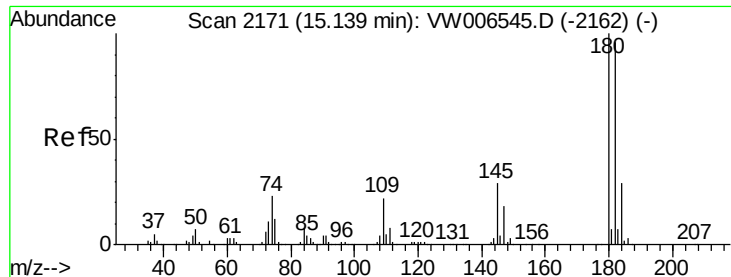
Tgt Ion: 146 Resp: 120923
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.5
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.186 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 75 Resp: 6277
 Ion Ratio Lower Upper
 75 100
 155 99.7 50.6 151.8
 157 131.5 65.0 195.0

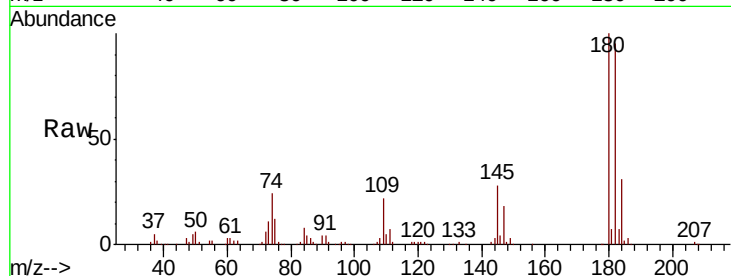




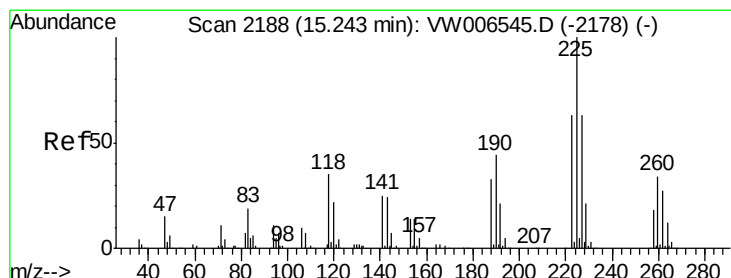
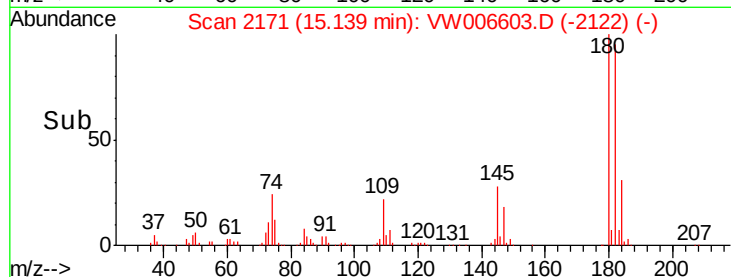
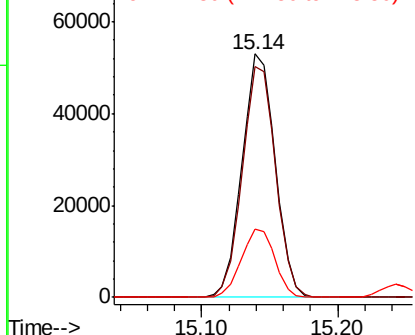
#93
 1,2,4-Trichlorobenzene
 Concen: 21.776 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tgt Ion:180 Resp: 90113
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.5 142.6
 145 28.3 14.0 42.0

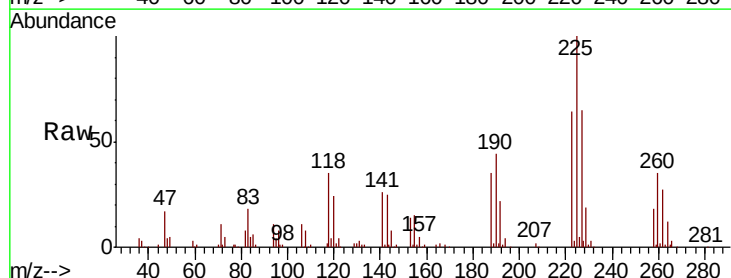


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

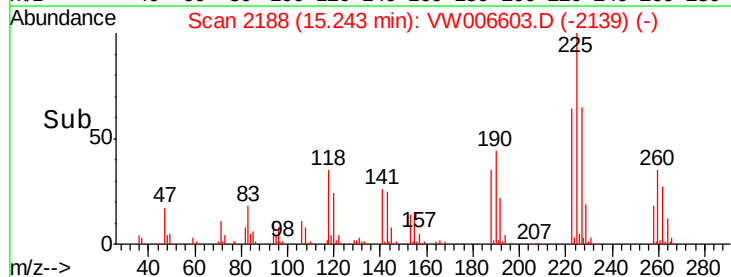
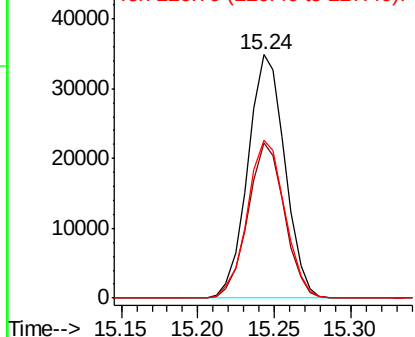


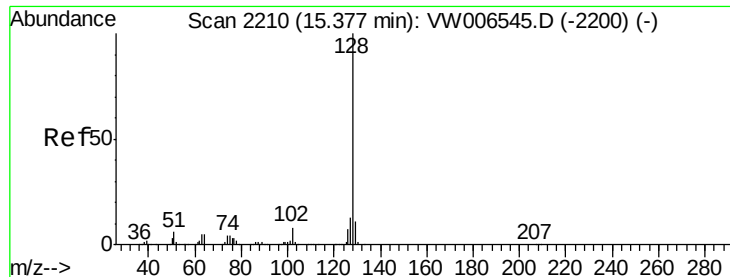
#94
 Hexachlorobutadiene
 Concen: 22.758 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion:225 Resp: 58695
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.2
 227 65.5 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

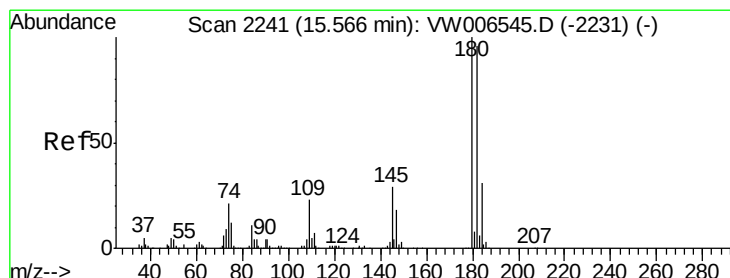
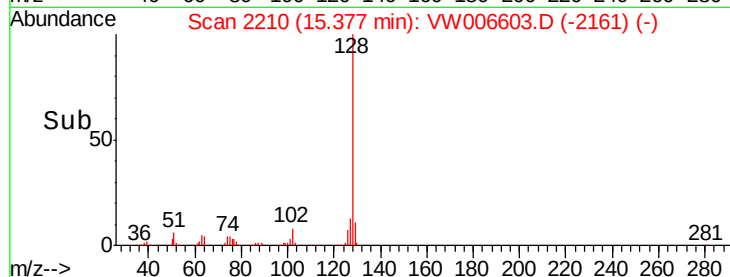
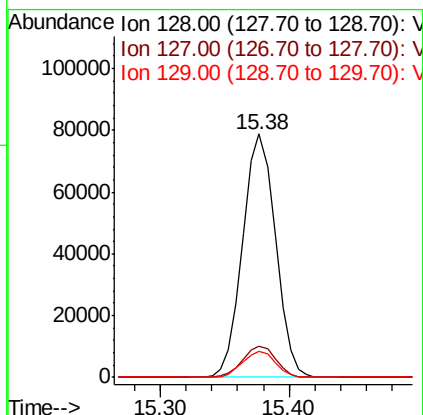
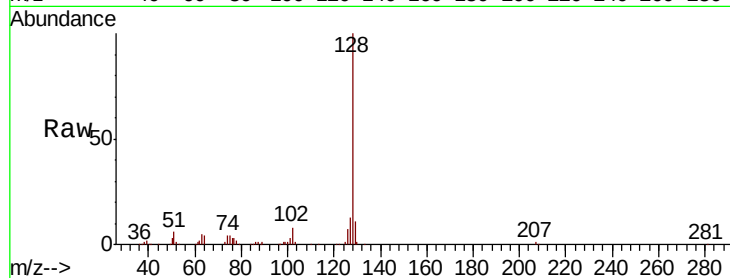




#95
Naphthalene
Concen: 20.965 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tgt Ion:128 Resp: 139433
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.836 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion:180 Resp: 79414
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 29.2 14.9 44.5

