

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006656.D
 Acq On : 06 Nov 2018 01:35
 Operator : SY/AP
 Sample : VW1105SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

Quant Time: Nov 06 03:35:09 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	214008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105257	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
35) Dibromofluoromethane	7.88	113	110057	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.33	98	410165	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.62	95	150222	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24628	22.199	ug/l	92
3) Chloromethane	2.21	50	30419	22.161	ug/l	97
4) Vinyl Chloride	2.37	62	40912	21.346	ug/l	98
5) Bromomethane	2.79	94	38000	23.624	ug/l	95
6) Chloroethane	2.93	64	30709	22.931	ug/l	96
7) Trichlorofluoromethane	3.26	101	34994	20.676	ug/l	97
8) Diethyl Ether	3.68	74	21955	23.730	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	38966	21.560	ug/l	97
10) Methyl Iodide	4.26	142	69261	21.135	ug/l	100
11) Tert butyl alcohol	5.23	59	11220	113.200	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35865	20.546	ug/l	97
13) Acrolein	3.90	56	11247	90.221	ug/l	97
14) Allyl chloride	4.66	41	48257	21.178	ug/l	99
15) Acrylonitrile	5.38	53	39011	117.595	ug/l	98
16) Acetone	4.15	43	36338	122.349	ug/l	96
17) Carbon Disulfide	4.38	76	104112	20.959	ug/l	99
18) Methyl Acetate	4.68	43	20000	23.418	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58260	22.422	ug/l	97
20) Methylene Chloride	4.92	84	48366	21.754	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	43123	21.832	ug/l	98
22) Diisopropyl ether	6.31	45	109761	23.106	ug/l	97
23) Vinyl Acetate	6.26	43	304555	115.613	ug/l	99
24) 1,1-Dichloroethane	6.21	63	72643	22.564	ug/l	100
25) 2-Butanone	7.18	43	50174	118.388	ug/l	96
26) 2,2-Dichloropropane	7.17	77	40832	21.054	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	49101	22.219	ug/l	99
28) Bromochloromethane	7.51	49	29803	23.313	ug/l	97
29) Tetrahydrofuran	7.54	42	31182	116.976	ug/l	99
30) Chloroform	7.68	83	80629	22.843	ug/l	99
31) Cyclohexane	7.96	56	58164	19.850	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	64911	21.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57509	20.664	ug/l	100
37) Ethyl Acetate	7.26	43	23670	24.543	ug/l	99
38) Carbon Tetrachloride	8.07	117	59969	20.622	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69276	19.616	ug/l	97
40) Benzene	8.32	78	174100	22.025	ug/l	99
41) Methacrylonitrile	7.49	41	12306	20.809	ug/l	93
42) 1,2-Dichloroethane	8.40	62	51731	22.820	ug/l	98
43) Isopropyl Acetate	8.43	43	43729	22.722	ug/l	99
44) Trichloroethene	9.09	130	51556	21.136	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41885	22.769	ug/l	98
46) Dibromomethane	9.46	93	24940	23.063	ug/l	100
47) Bromodichloromethane	9.65	83	57646	22.959	ug/l	97
48) Methyl methacrylate	9.44	41	20566	22.180	ug/l	95
49) 1,4-Dioxane	9.48	88	7516	474.924	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	114171	115.512	ug/l	99
52) Toluene	10.39	92	115359	21.758	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54358	22.495	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62536	21.900	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35720	23.281	ug/l	98
56) Ethyl methacrylate	10.65	69	38736	22.212	ug/l	94
57) 1,3-Dichloropropane	10.93	76	56814	22.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94811	111.842	ug/l	100
59) 2-Hexanone	10.98	43	79829	118.916	ug/l	97
60) Dibromochloromethane	11.13	129	41910	23.054	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35427	23.251	ug/l	100
64) Tetrachloroethene	10.87	164	49921	20.270	ug/l	99
65) Chlorobenzene	11.66	112	137930	21.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48899	21.399	ug/l	98
67) Ethyl Benzene	11.73	91	221308	20.366	ug/l	98
68) m/p-Xylenes	11.84	106	179643	41.378	ug/l	100
69) o-Xylene	12.17	106	85246	20.625	ug/l	99
70) Styrene	12.18	104	143205	21.252	ug/l	100
71) Bromoform	12.35	173	27208	22.462	ug/l #	100
73) Isopropylbenzene	12.47	105	228886	19.412	ug/l	100
74) N-amyl acetate	12.28	43	42194	20.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41273	22.163	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50680	36.290	ug/l #	100
77) Bromobenzene	12.75	156	63833	20.910	ug/l	99
78) n-propylbenzene	12.81	91	270408	19.939	ug/l	100
79) 2-Chlorotoluene	12.90	91	158250	20.332	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	201918	20.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10397	20.915	ug/l	99
82) 4-Chlorotoluene	12.99	91	169403	20.573	ug/l	100
83) tert-Butylbenzene	13.21	119	174550	19.760	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	207019	20.375	ug/l	100
85) sec-Butylbenzene	13.39	105	245414	19.836	ug/l	100
86) p-Isopropyltoluene	13.51	119	222599	19.773	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125480	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126912	21.296	ug/l	99
89) n-Butylbenzene	13.83	91	197525	19.766	ug/l	99
90) Hexachloroethane	14.10	117	38336	20.720	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114762	21.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6504	21.524	ug/l	98

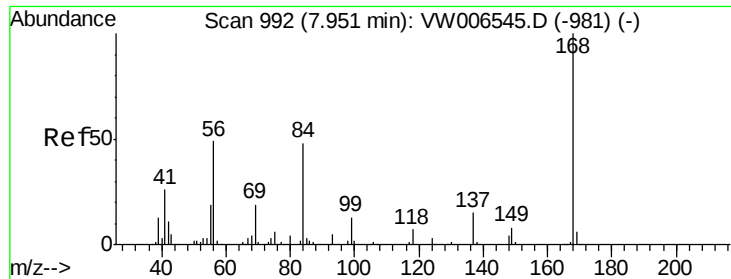
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83409	20.742	ug/l	99
94) Hexachlorobutadiene	15.24	225	50360	20.094	ug/l	100
95) Naphthalene	15.38	128	134313	20.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74656	21.124	ug/l	100

(#) = 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: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

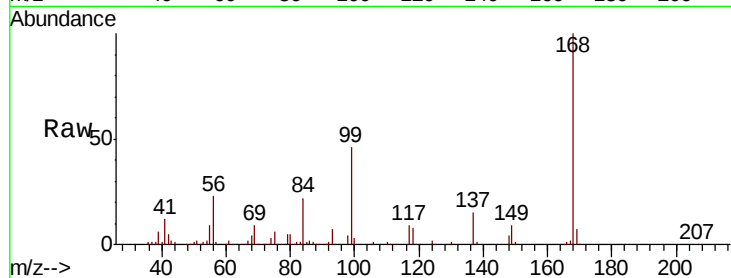
VW1105SBSD02

Tgt Ion:168 Resp: 214008

Ion Ratio Lower Upper

168 100

99 46.3 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

100000

80000

60000

40000

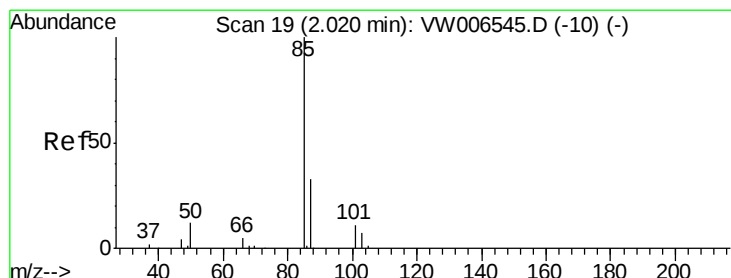
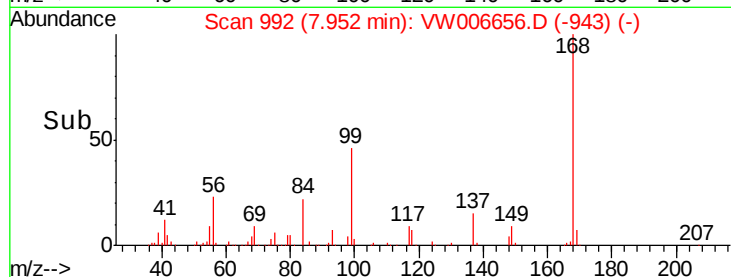
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.199 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006656.D

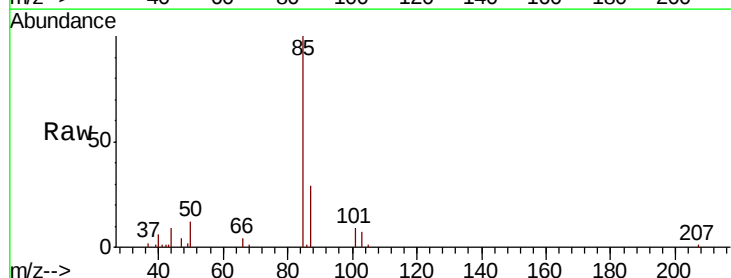
Acq: 06 Nov 2018 01:35

Tgt Ion: 85 Resp: 24628

Ion Ratio Lower Upper

85 100

87 28.7 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

6000

4000

2000

0

1.90

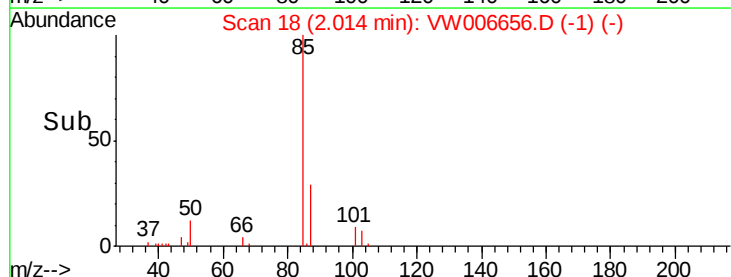
2.00

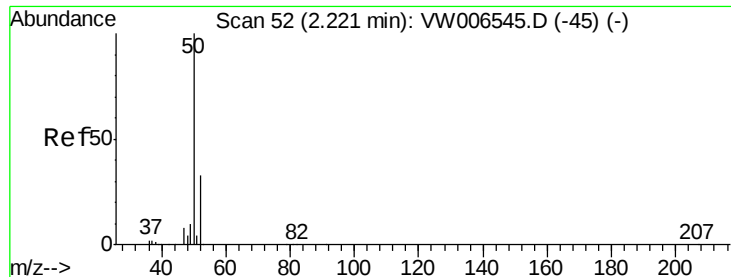
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 22.161 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

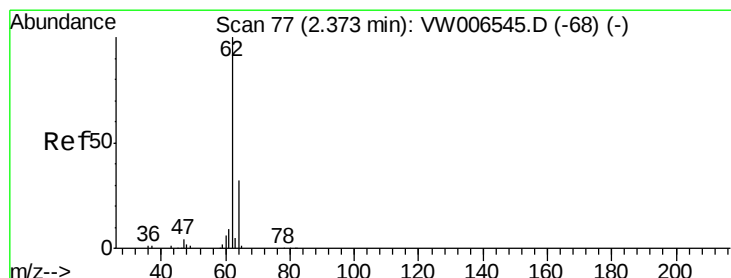
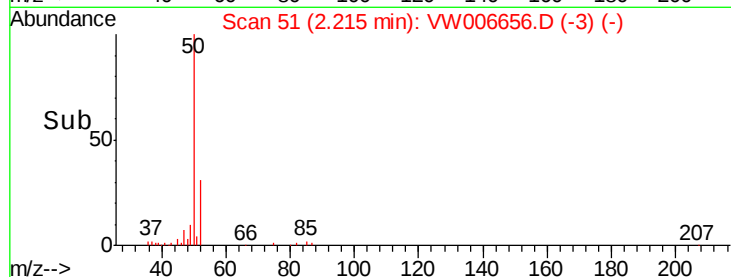
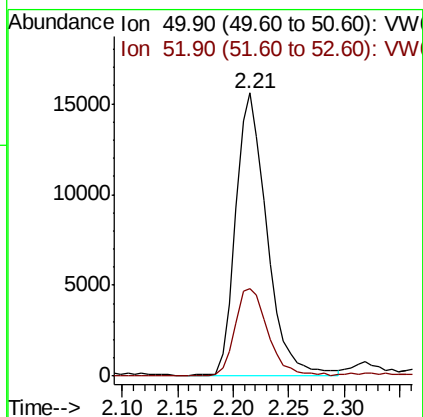
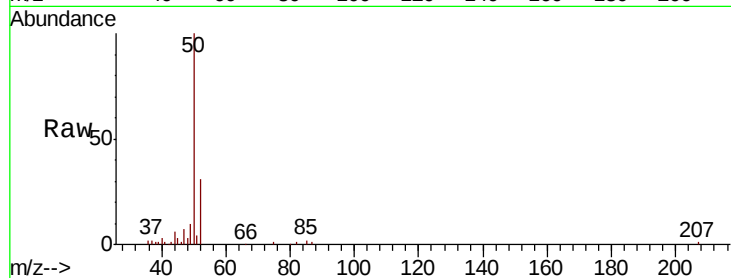
VW1105SBSD02

Tgt Ion: 50 Resp: 30419

Ion Ratio Lower Upper

50 100

52 31.0 26.2 39.4



#4

Vinyl Chloride

Concen: 21.346 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006656.D

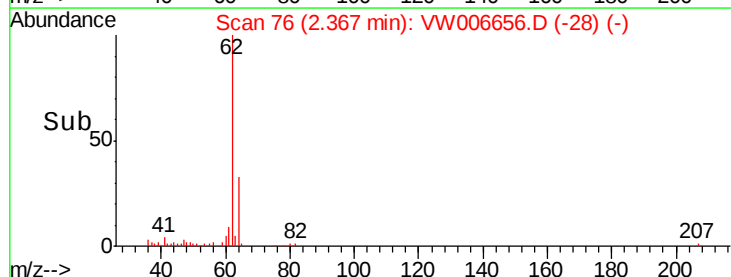
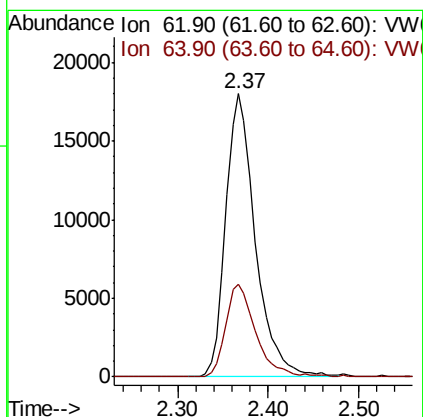
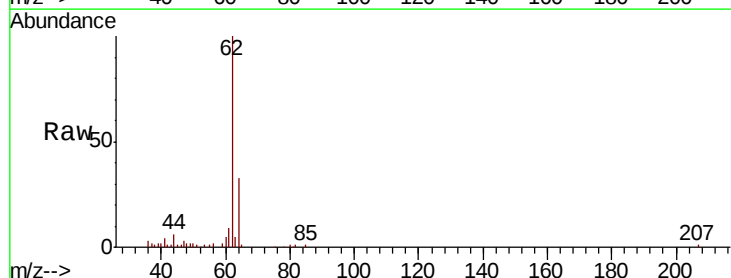
Acq: 06 Nov 2018 01:35

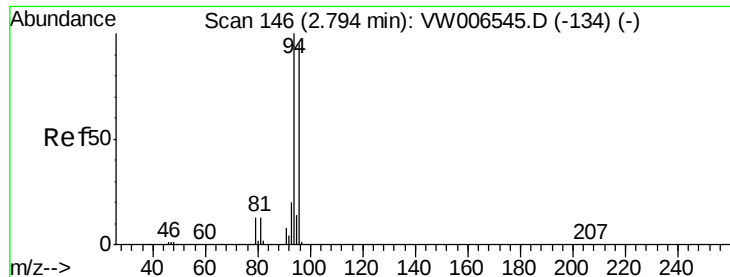
Tgt Ion: 62 Resp: 40912

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 23.624 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

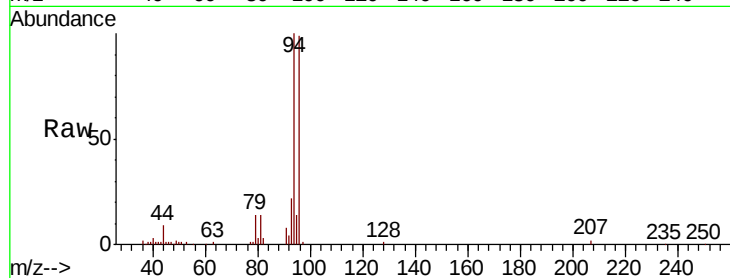
VW1105SBSD02

Tgt Ion: 94 Resp: 38000

Ion Ratio Lower Upper

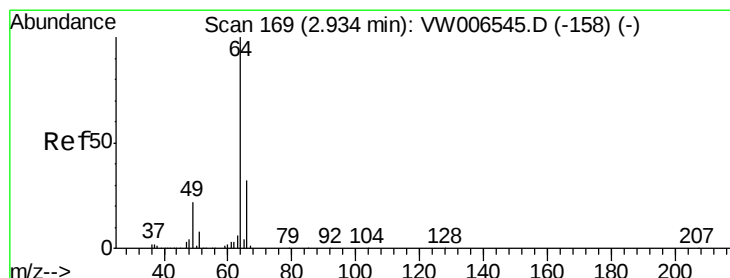
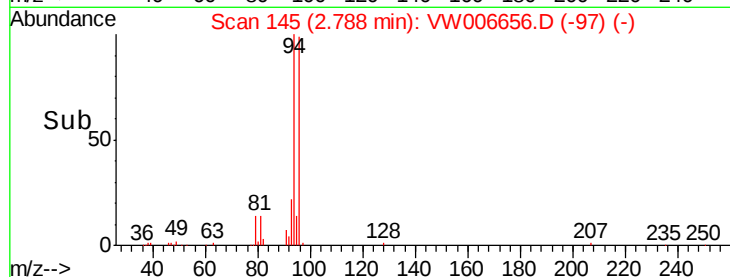
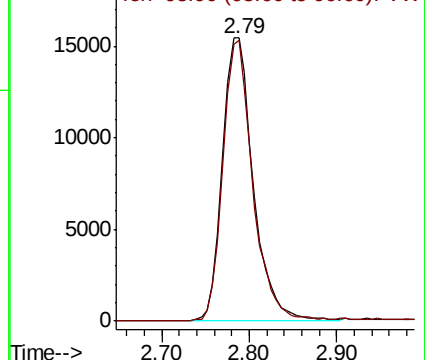
94 100

96 99.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.931 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006656.D

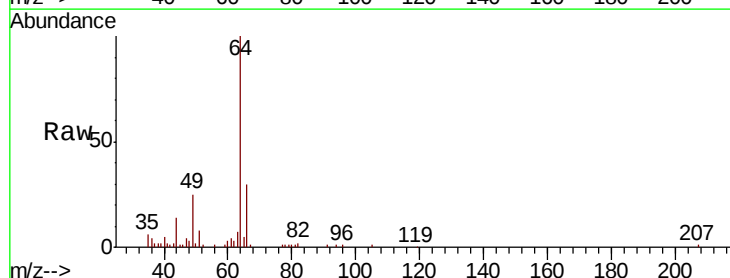
Acq: 06 Nov 2018 01:35

Tgt Ion: 64 Resp: 30709

Ion Ratio Lower Upper

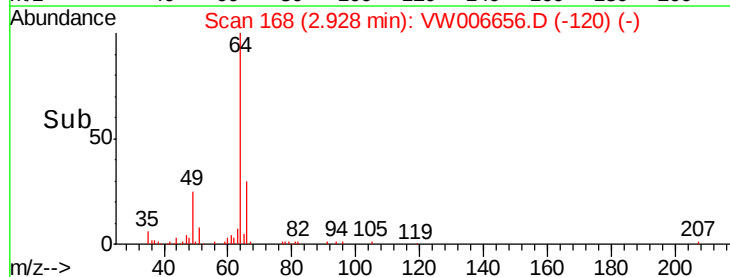
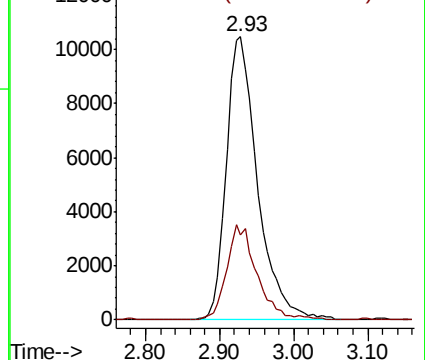
64 100

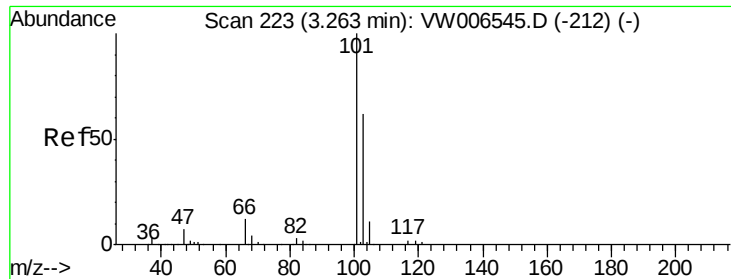
66 30.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



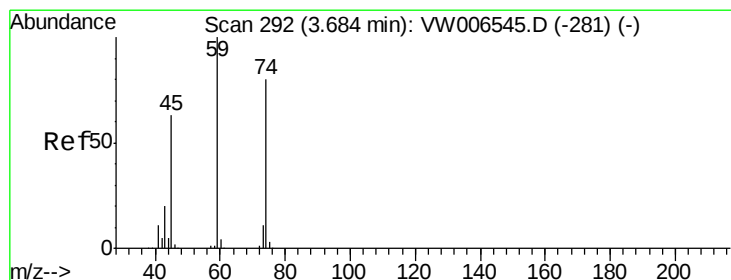
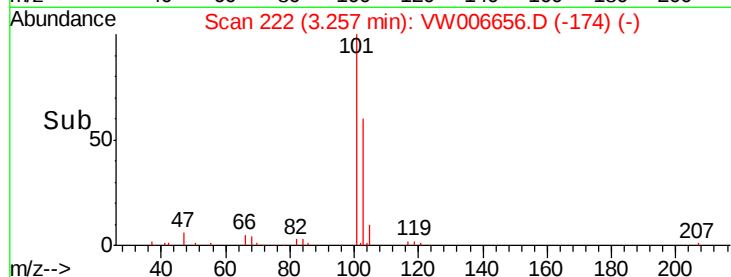
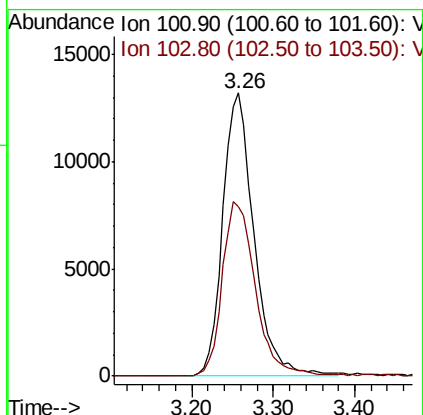
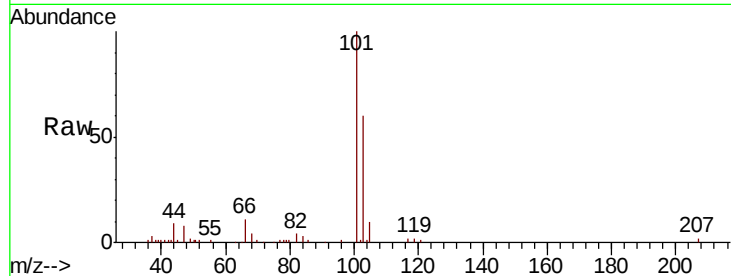


#7

Trichlorofluoromethane
 Concen: 20.676 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
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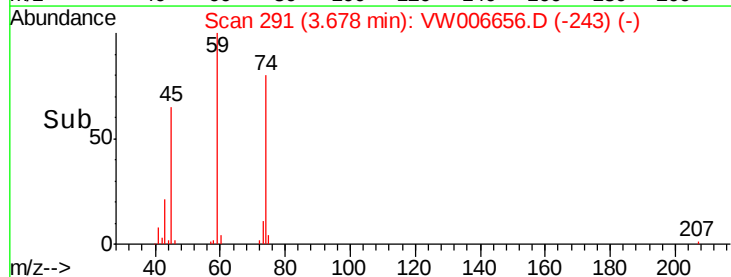
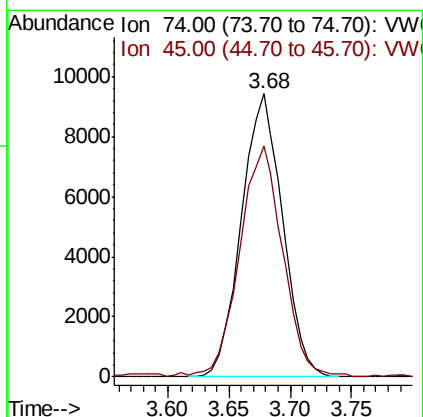
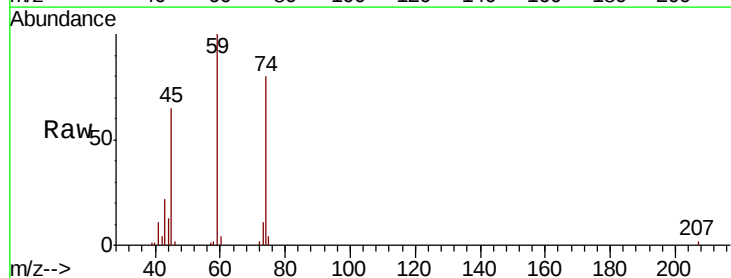
Tgt Ion:101 Resp: 34994
 Ion Ratio Lower Upper
 101 100
 103 60.0 49.8 74.8

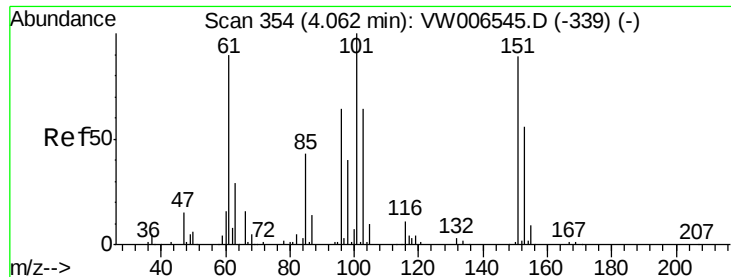


#8

Diethyl Ether
 Concen: 23.730 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion: 74 Resp: 21955
 Ion Ratio Lower Upper
 74 100
 45 86.0 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.560 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

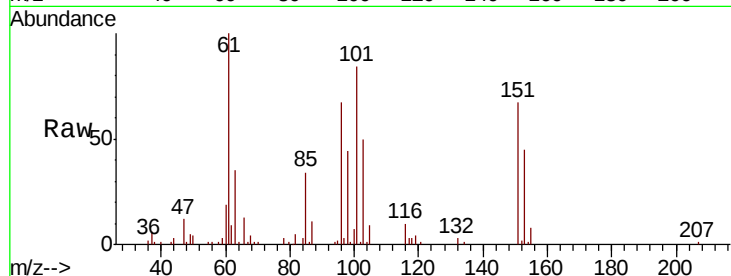
Tgt Ion:101 Resp: 38966

Ion Ratio Lower Upper

101 100

85 41.0 34.2 51.2

151 86.1 70.7 106.1

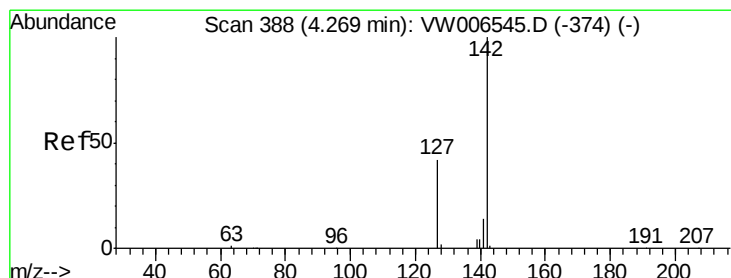
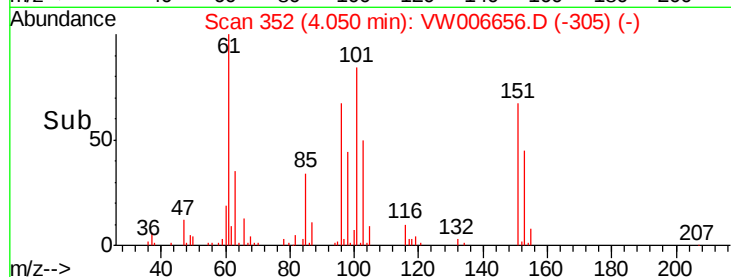
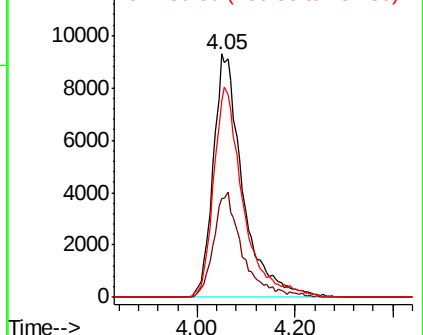


Abundance

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: 21.135 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

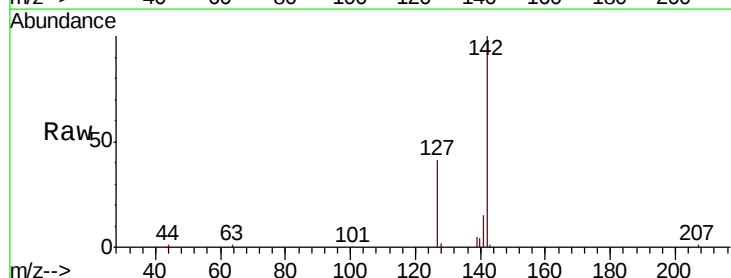
Tgt Ion:142 Resp: 69261

Ion Ratio Lower Upper

142 100

127 40.5 32.3 48.5

141 14.3 11.3 16.9

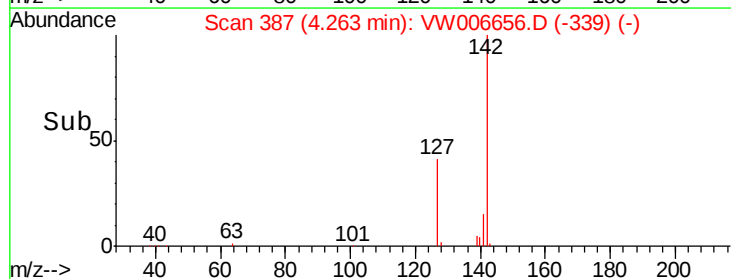
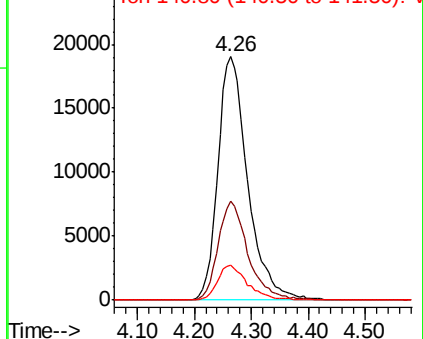


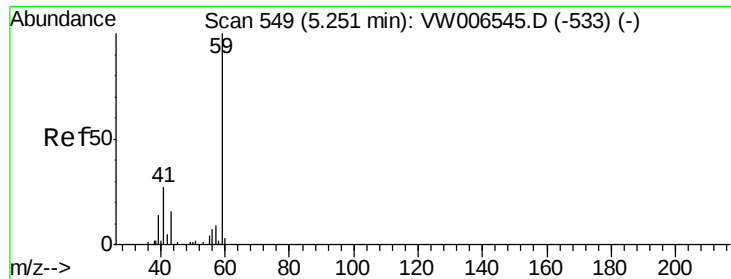
Abundance

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



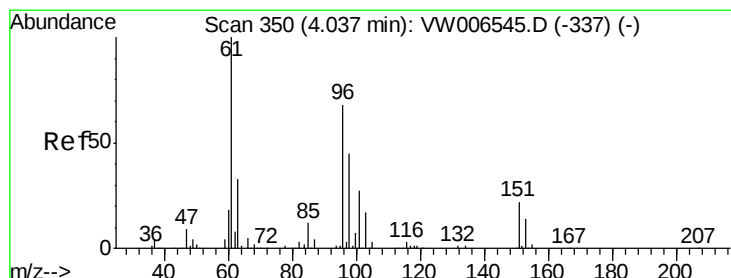
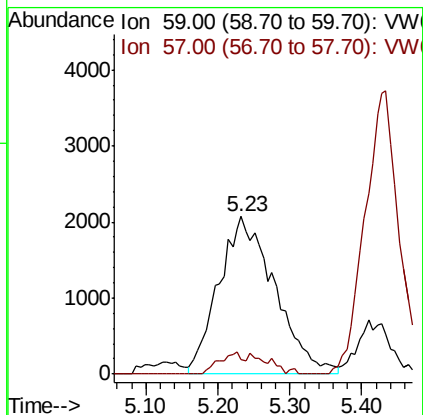
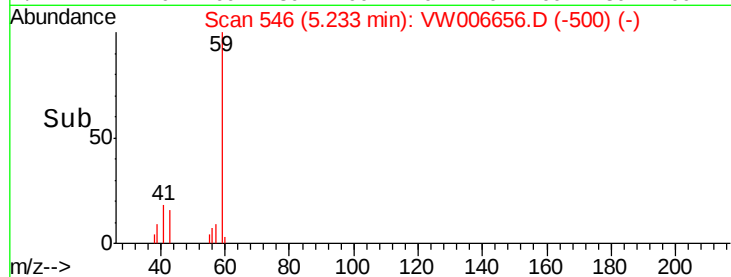
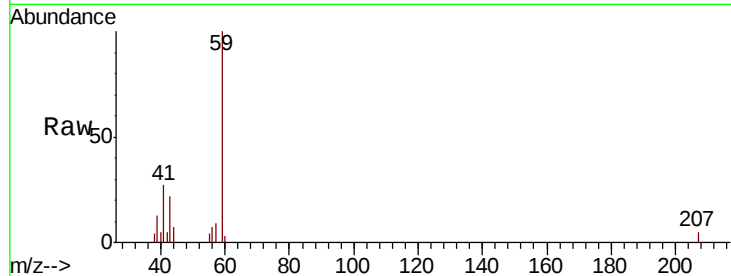


#11

Tert butyl alcohol
Concen: 113.200 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

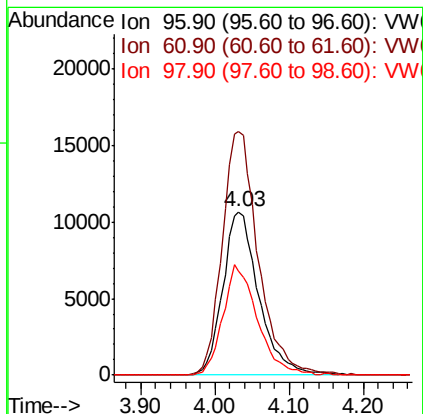
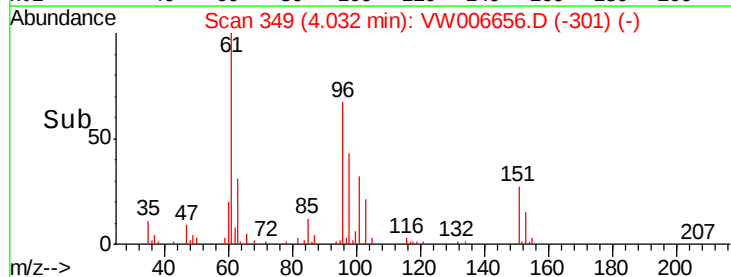
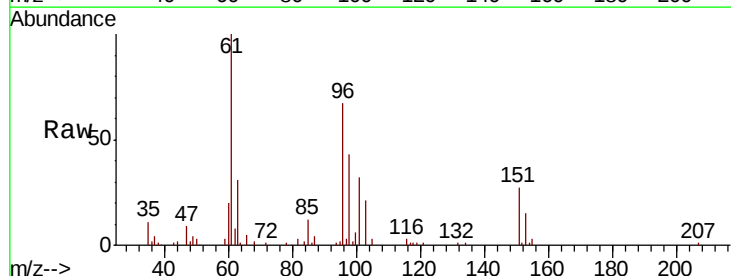
Tgt Ion: 59 Resp: 11220
Ion Ratio Lower Upper
59 100
57 5.9 4.3 6.5

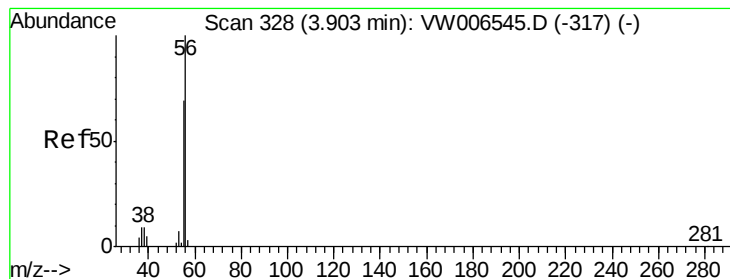


#12

1,1-Dichloroethene
Concen: 20.546 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 96 Resp: 35865
Ion Ratio Lower Upper
96 100
61 149.3 117.0 175.4
98 63.4 52.5 78.7





#13

Acrolein

Concen: 90.221 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

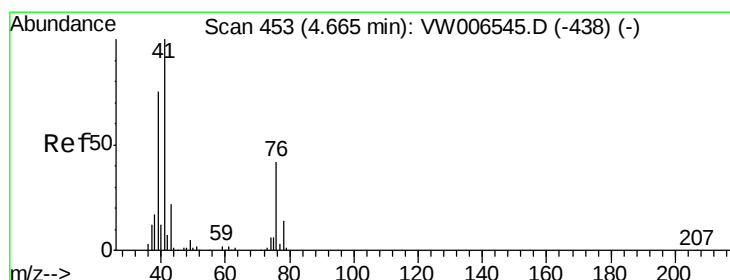
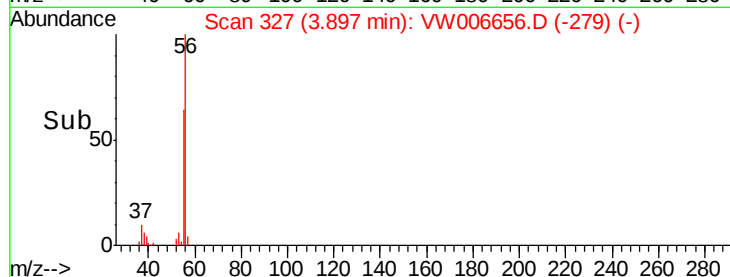
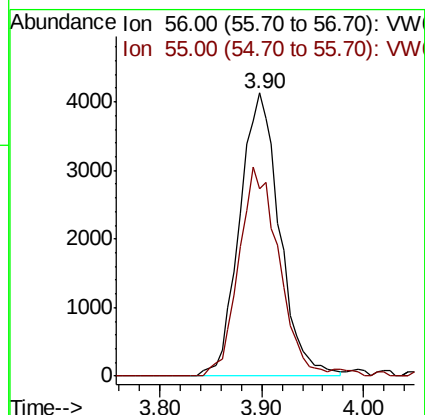
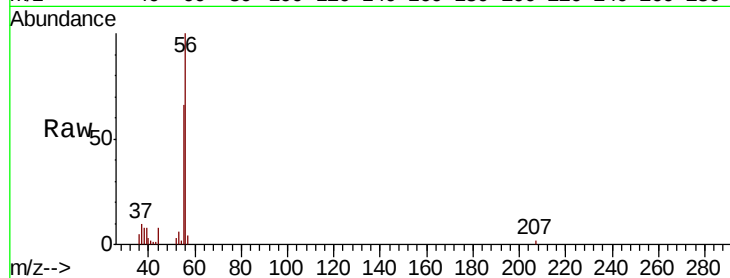
VW1105SBSD02

Tgt Ion: 56 Resp: 11247

Ion Ratio Lower Upper

56 100

55 73.6 56.9 85.3



#14

Allyl chloride

Concen: 21.178 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

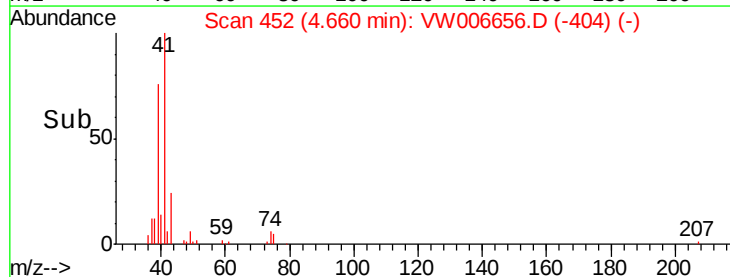
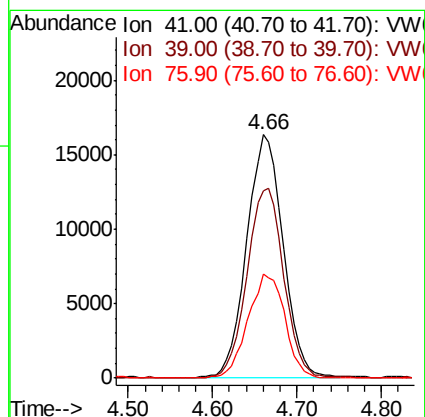
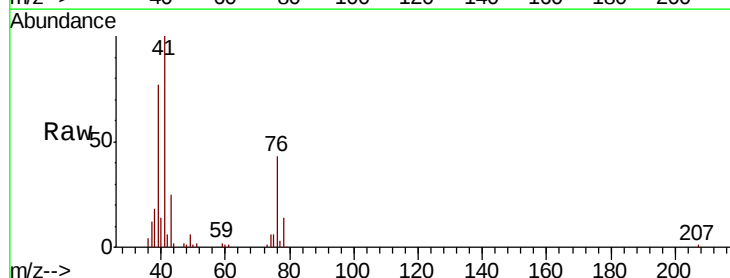
Tgt Ion: 41 Resp: 48257

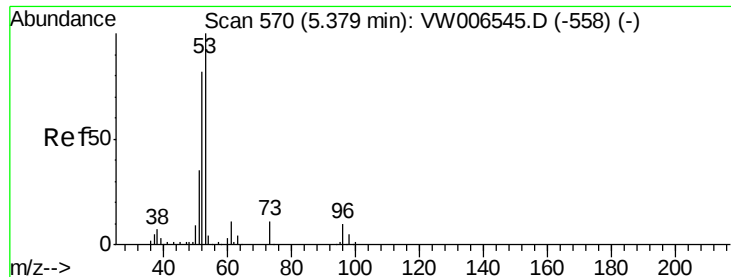
Ion Ratio Lower Upper

41 100

39 78.3 62.1 93.1

76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 117.595 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

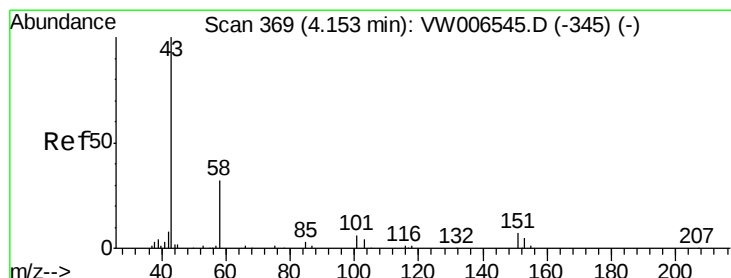
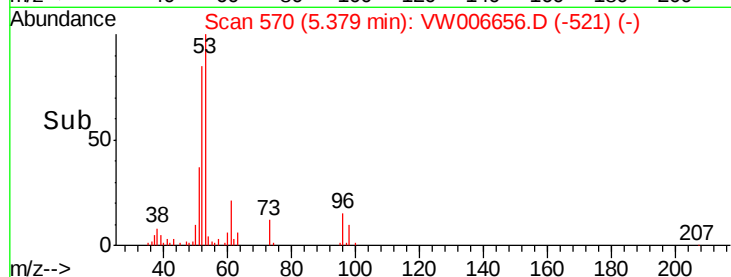
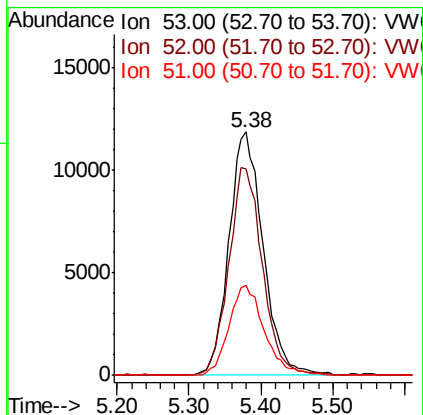
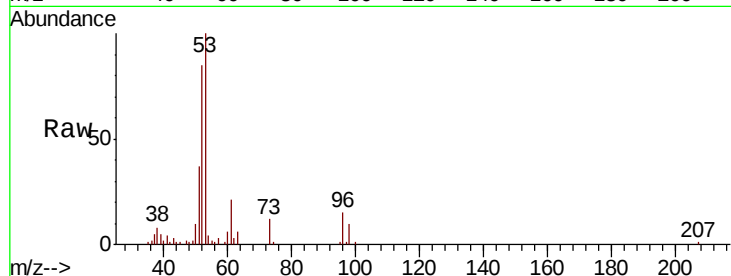
Tgt Ion: 53 Resp: 39011

Ion Ratio Lower Upper

53 100

52 83.9 65.8 98.8

51 38.1 29.6 44.4



#16

Acetone

Concen: 122.349 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006656.D

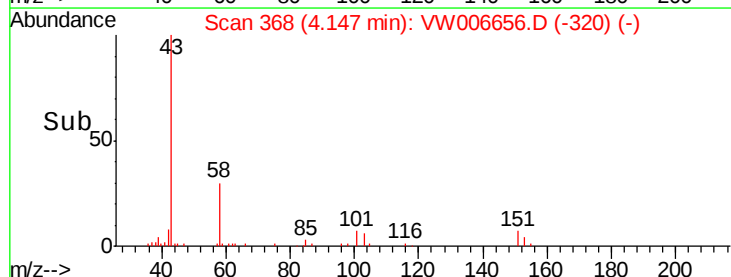
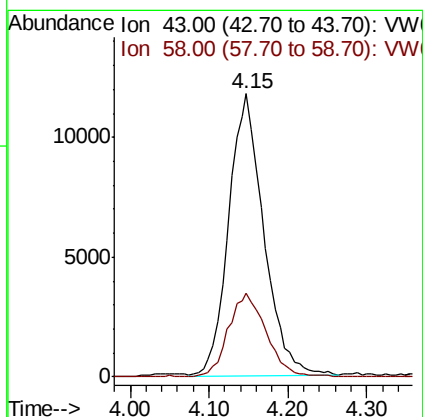
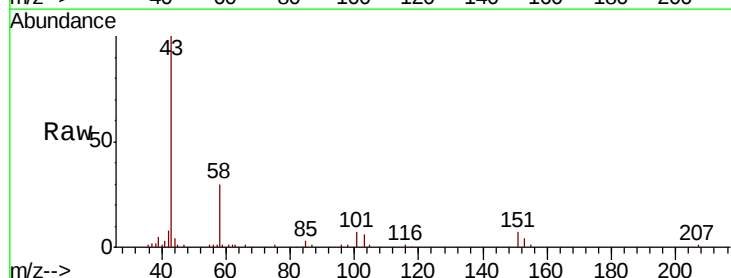
Acq: 06 Nov 2018 01:35

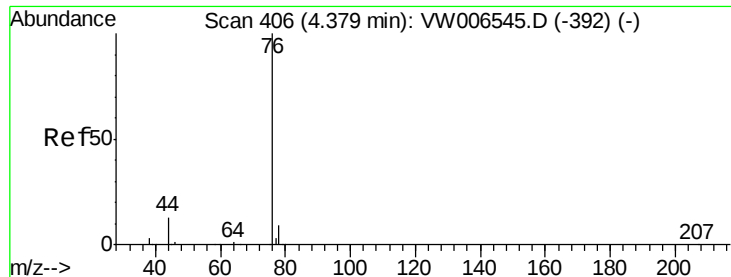
Tgt Ion: 43 Resp: 36338

Ion Ratio Lower Upper

43 100

58 30.0 25.8 38.8





#17

Carbon Disulfide

Concen: 20.959 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

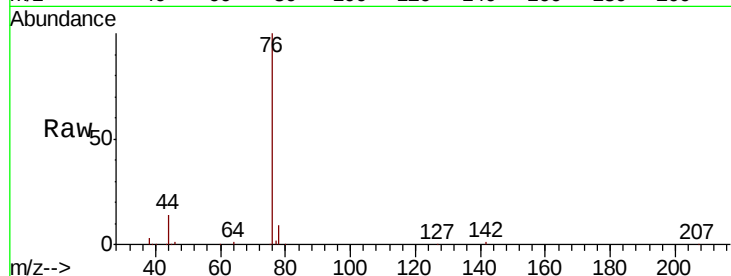
VW1105SBSD02

Tgt Ion: 76 Resp: 104112

Ion Ratio Lower Upper

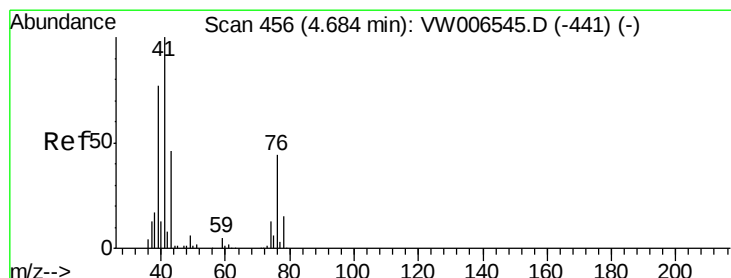
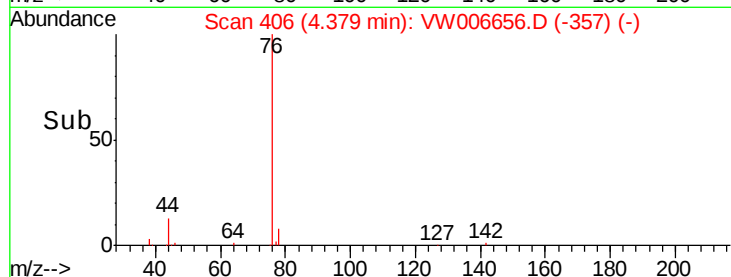
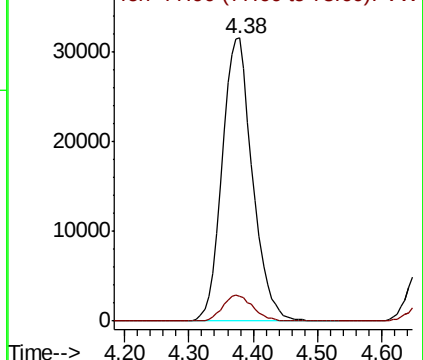
76 100

78 8.7 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: 23.418 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006656.D

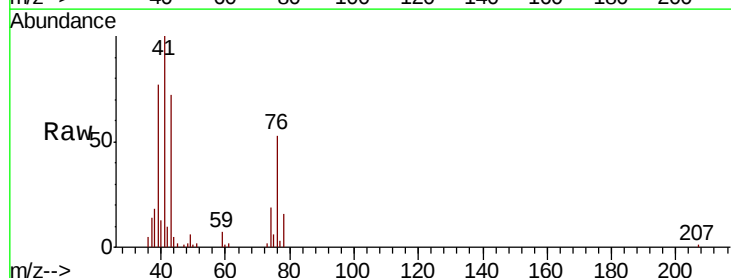
Acq: 06 Nov 2018 01:35

Tgt Ion: 43 Resp: 20000

Ion Ratio Lower Upper

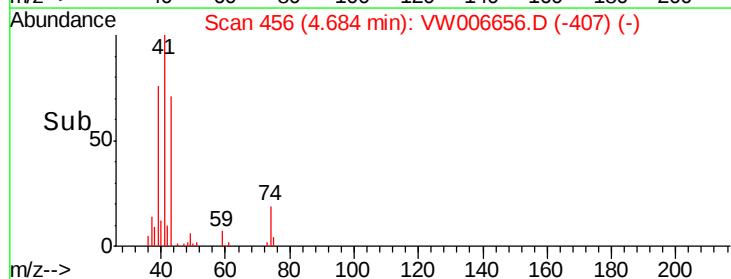
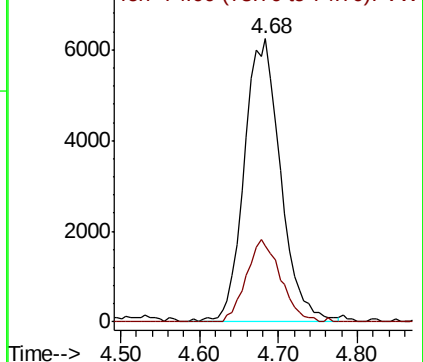
43 100

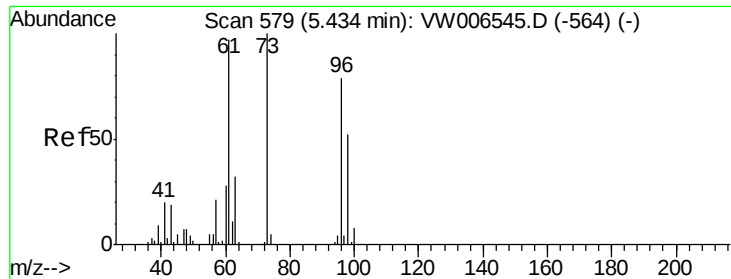
74 27.3 21.9 32.9



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: 22.422 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

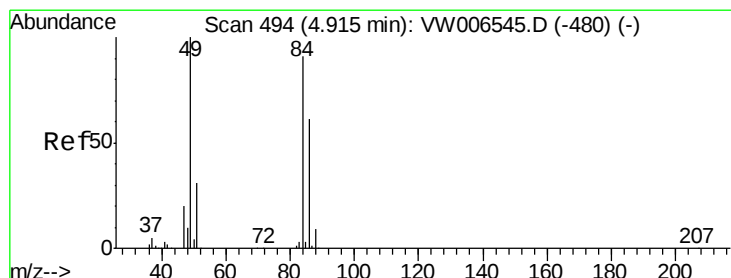
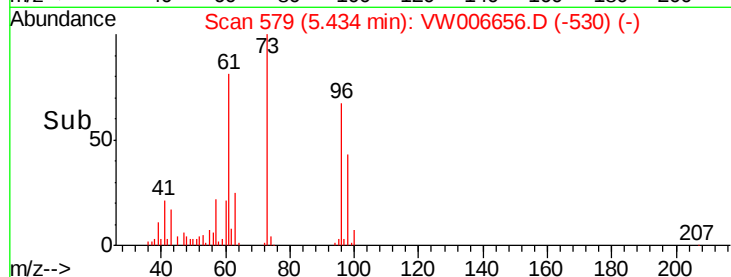
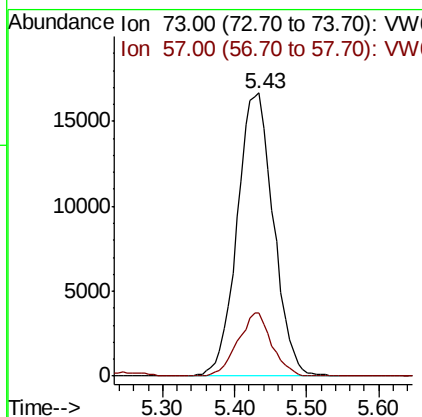
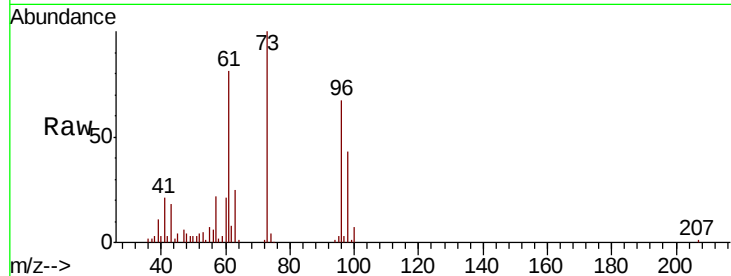
VW1105SBSD02

Tgt Ion: 73 Resp: 58260

Ion Ratio Lower Upper

73 100

57 22.3 16.7 25.1



#20

Methylene Chloride

Concen: 21.754 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion: 84 Resp: 48366

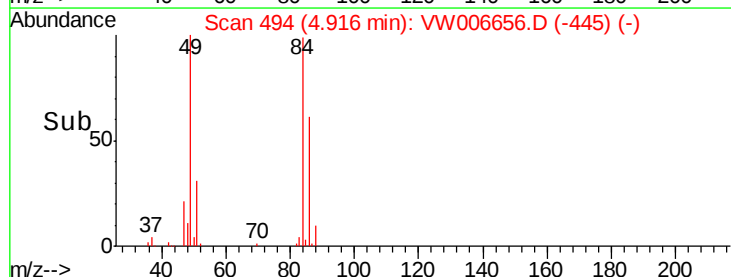
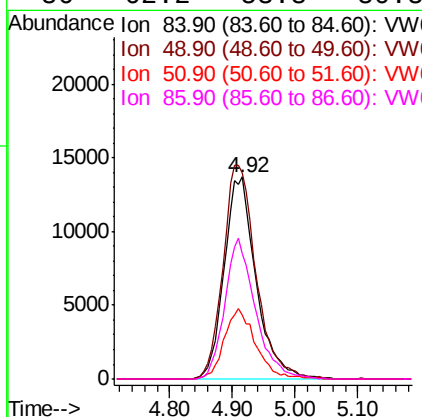
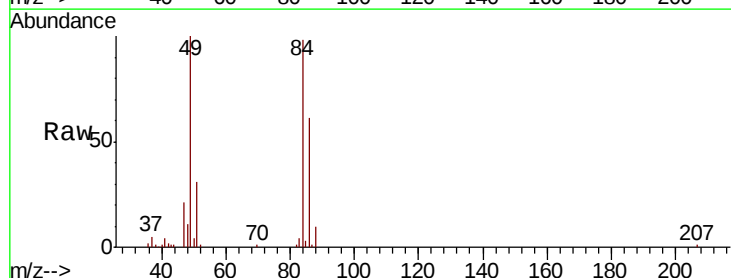
Ion Ratio Lower Upper

84 100

49 102.1 88.2 132.4

51 31.6 27.0 40.6

86 62.2 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.832 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

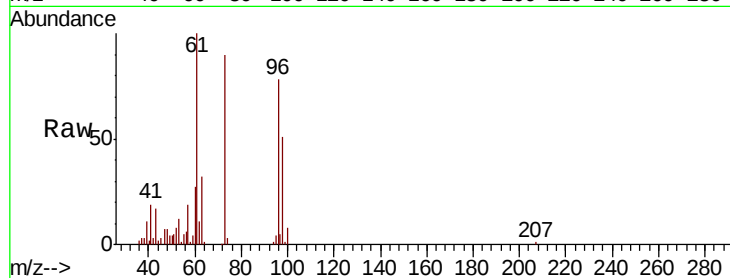
Tgt Ion: 96 Resp: 43123

Ion Ratio Lower Upper

96 100

61 128.2 100.6 150.8

98 65.2 52.9 79.3

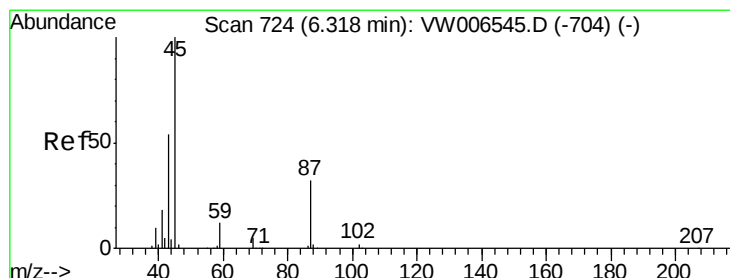
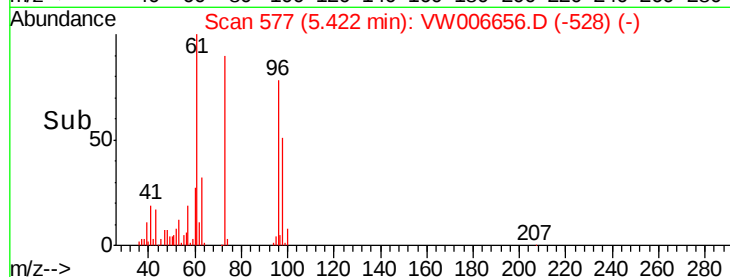
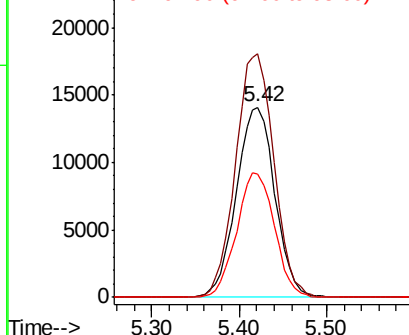


Abundance

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: 23.106 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion: 45 Resp: 109761

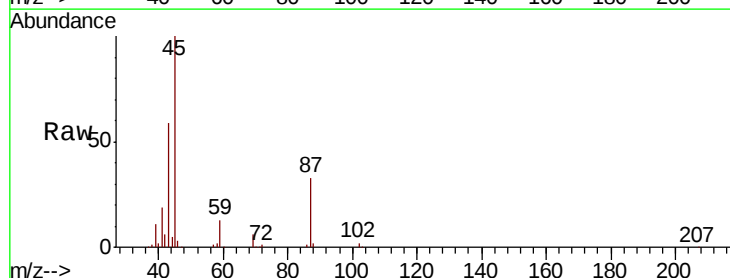
Ion Ratio Lower Upper

45 100

43 58.1 43.6 65.4

87 33.1 26.3 39.5

59 12.5 9.8 14.8



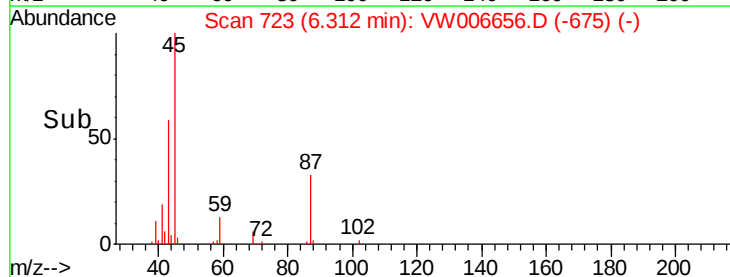
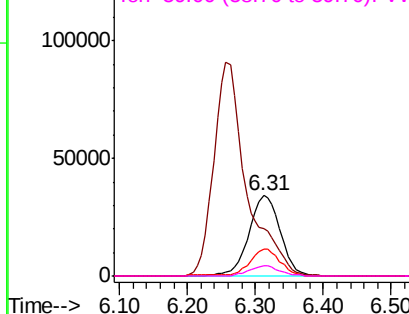
Abundance

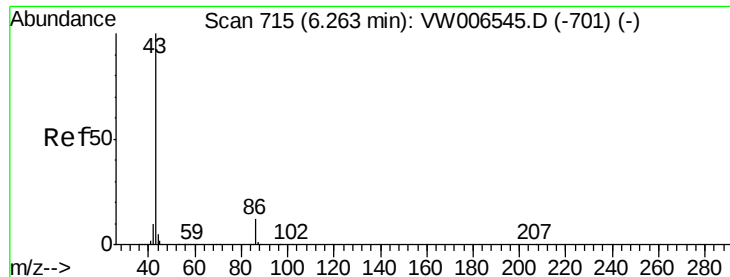
Ion 45.00 (44.70 to 45.70): VW

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: 115.613 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

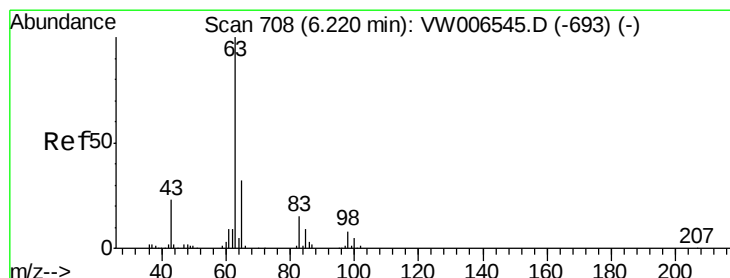
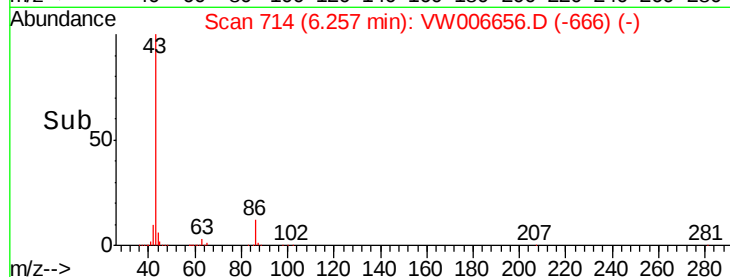
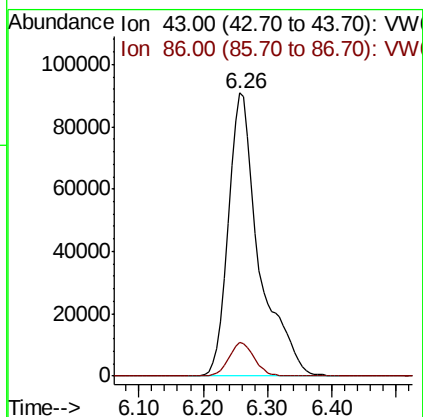
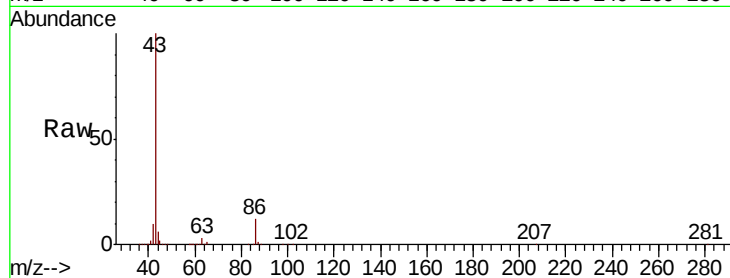
VW1105SBS02

Tgt Ion: 43 Resp: 304555

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.8



#24

1,1-Dichloroethane

Concen: 22.564 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

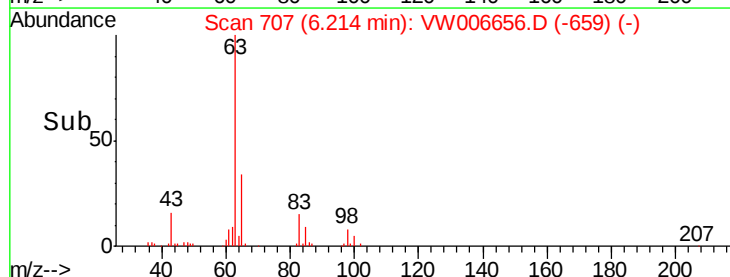
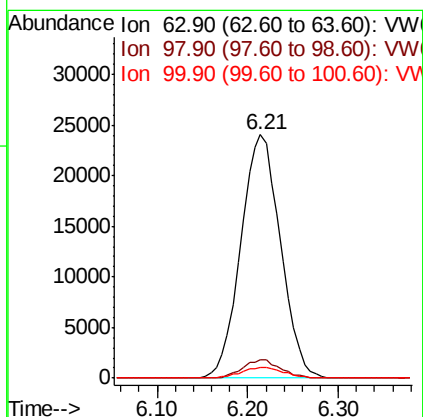
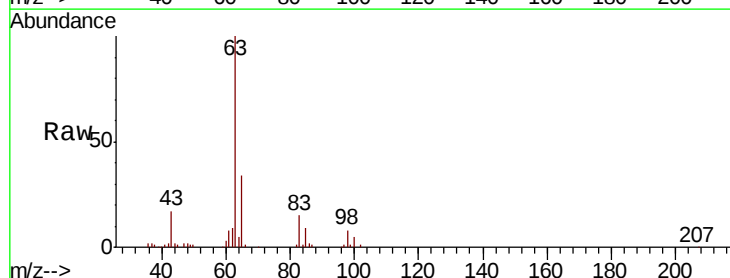
Tgt Ion: 63 Resp: 72643

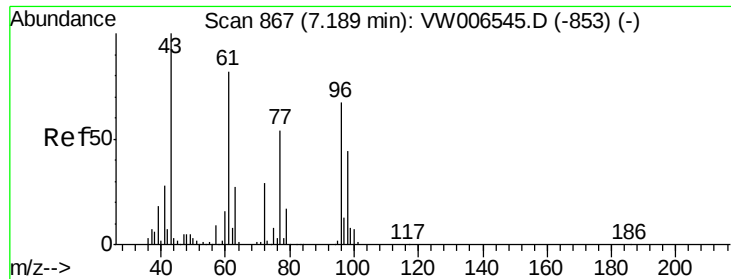
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.4 7.2

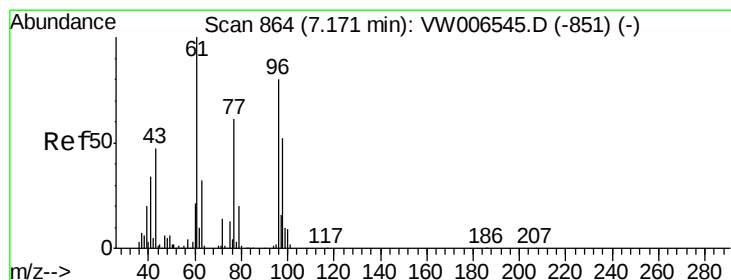
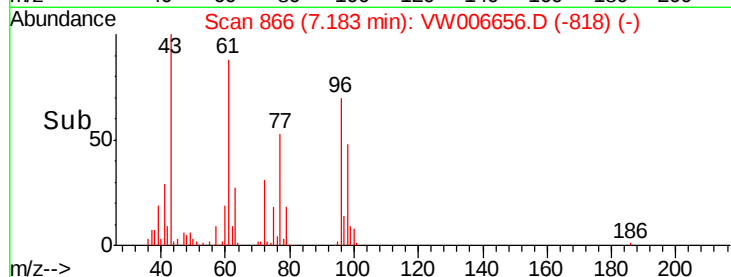
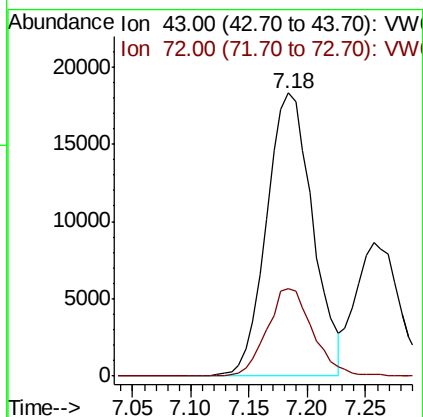
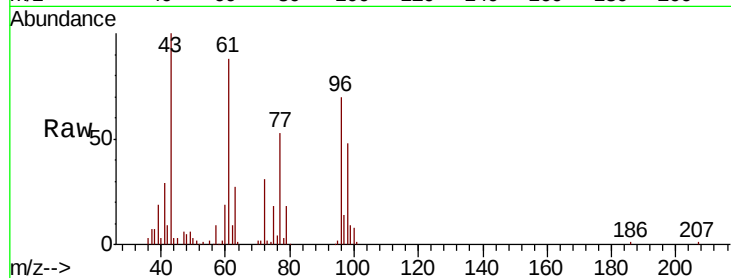




#25
2-Butanone
Concen: 118.388 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

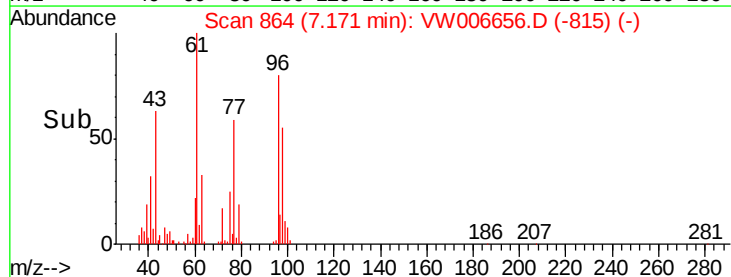
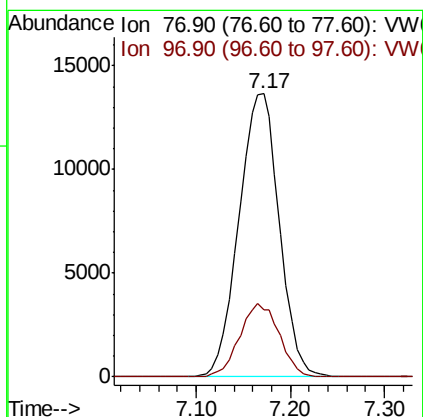
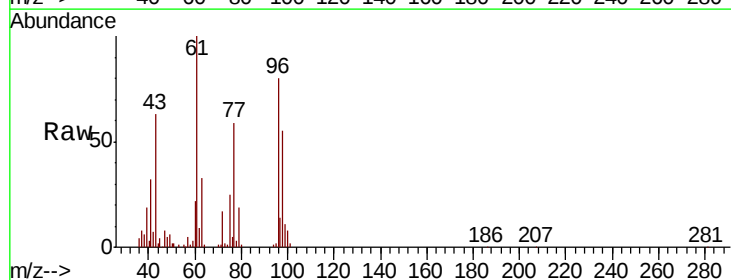
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

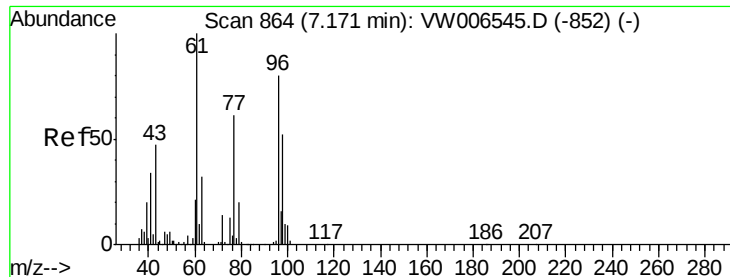
Tgt Ion: 43 Resp: 50174
Ion Ratio Lower Upper
43 100
72 30.9 23.2 34.8



#26
2,2-Dichloropropane
Concen: 21.054 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 77 Resp: 40832
Ion Ratio Lower Upper
77 100
97 25.4 12.8 38.4



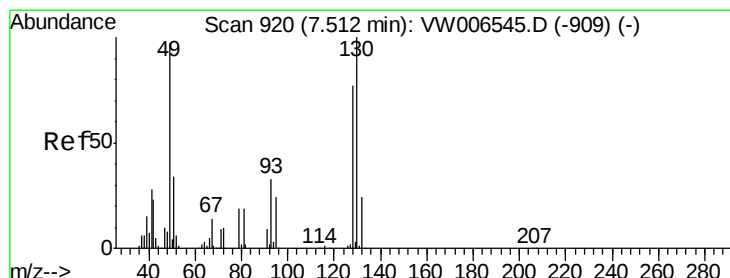
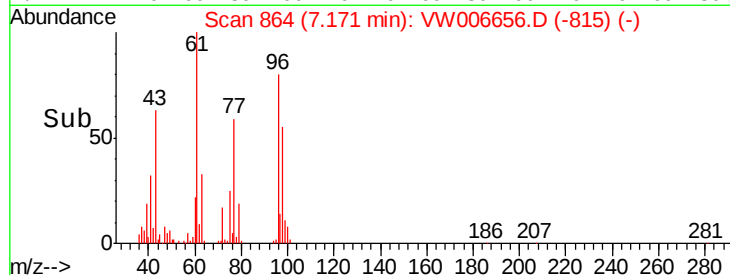
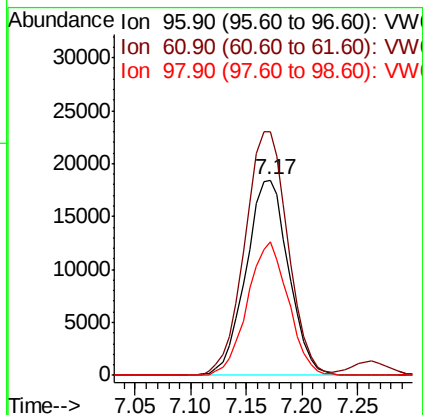
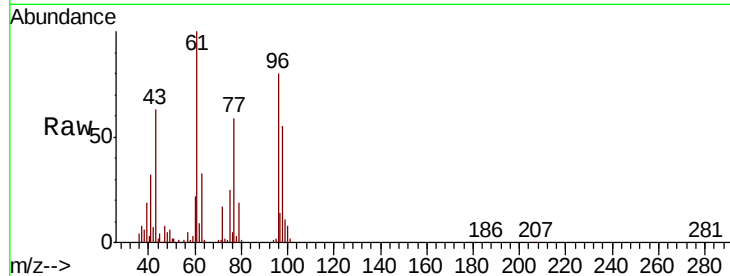


#27

cis-1,2-Dichloroethene
 Concen: 22.219 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

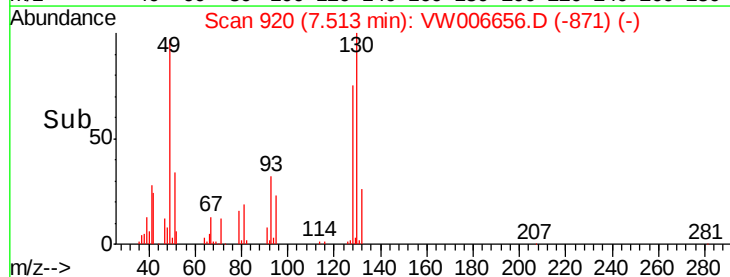
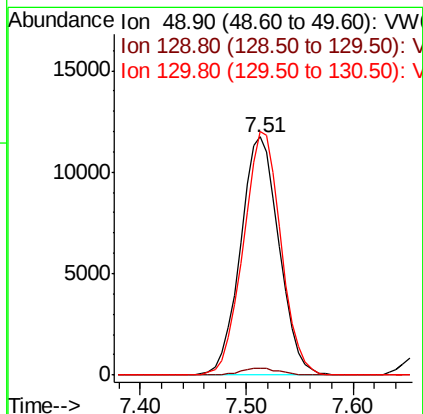
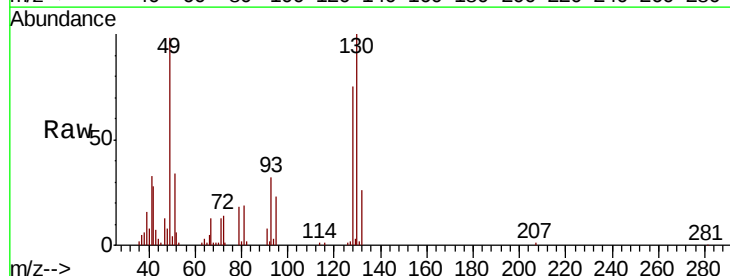
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	254.2
98	65.2	0.0	129.6

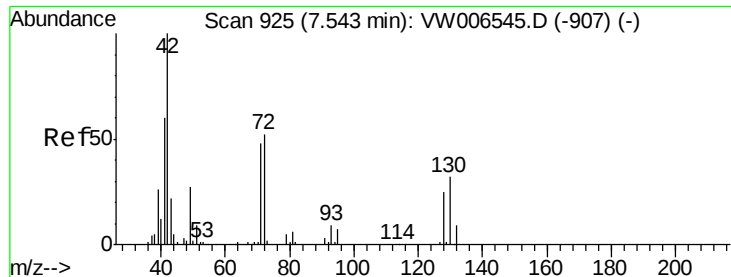


#28

Bromochloromethane
 Concen: 23.313 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	99.5	82.2	123.2

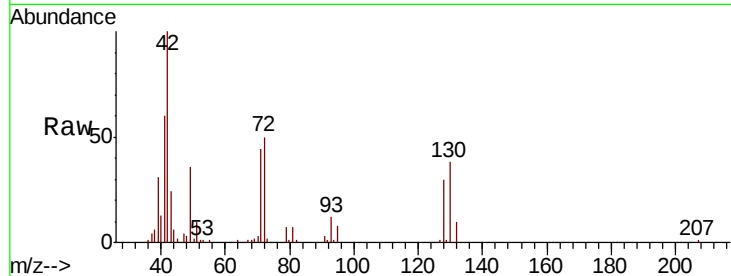




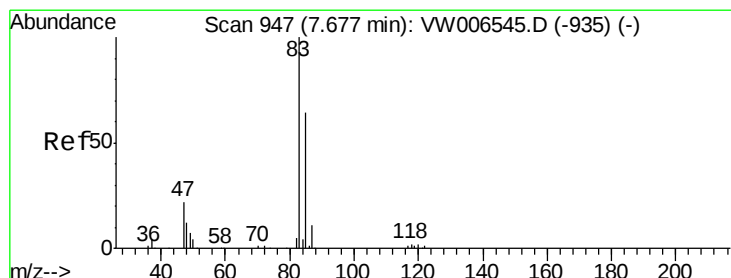
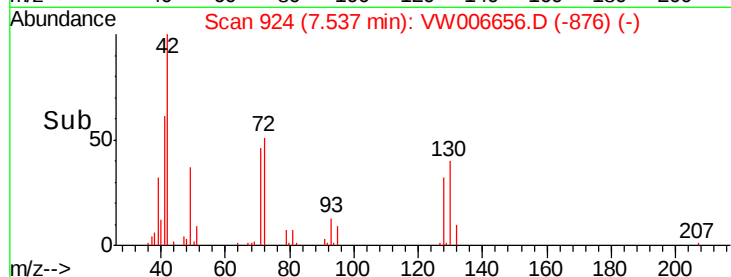
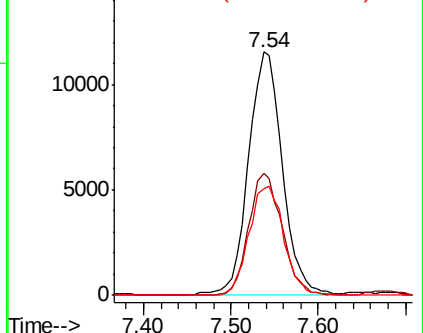
#29
Tetrahydrofuran
Concen: 116.976 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tgt Ion: 42 Resp: 31182
Ion Ratio Lower Upper
42 100
72 49.2 39.2 58.8
71 46.0 37.6 56.4

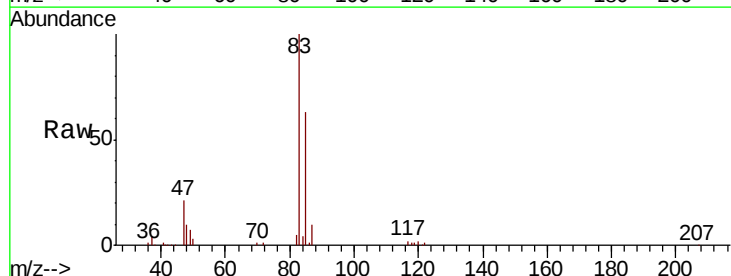


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

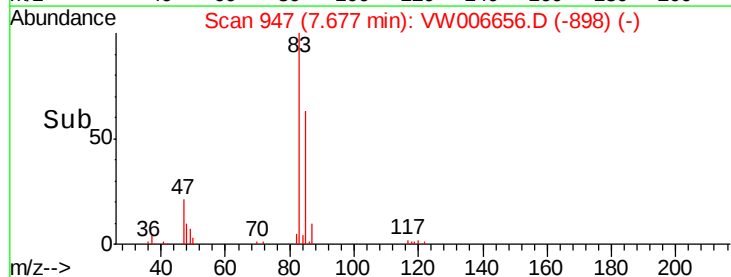
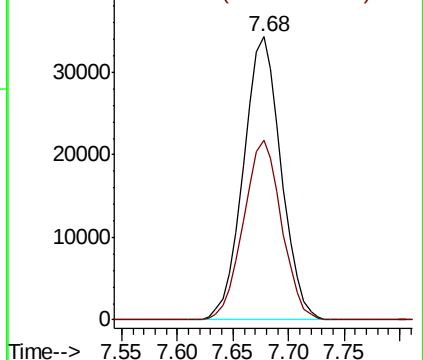


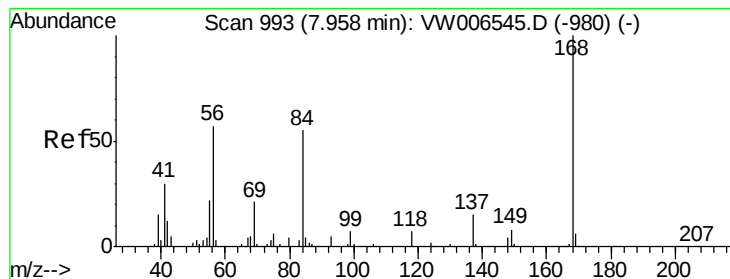
#30
Chloroform
Concen: 22.843 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 83 Resp: 80629
Ion Ratio Lower Upper
83 100
85 63.4 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 19.850 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

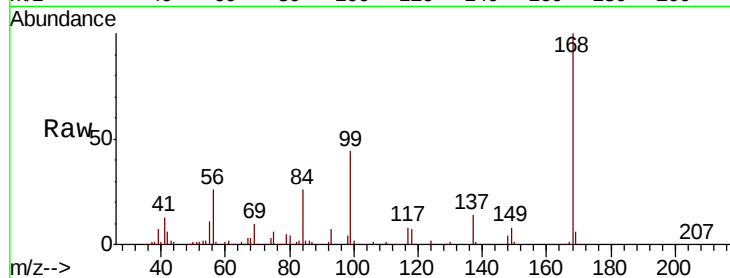
Tgt Ion: 56 Resp: 58164

Ion Ratio Lower Upper

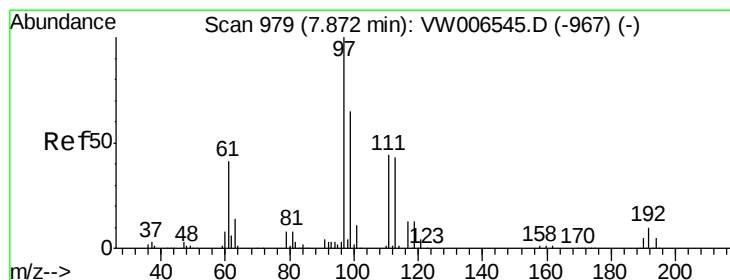
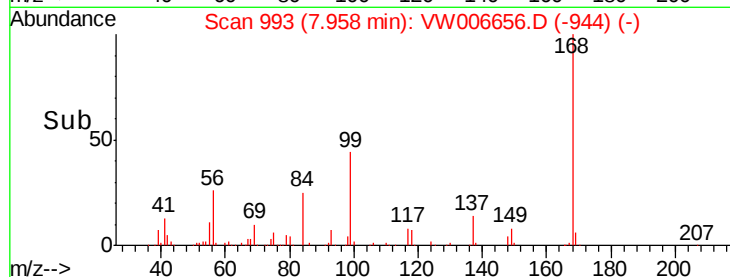
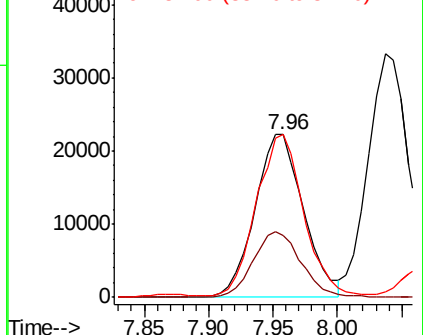
56 100

69 38.3 29.0 43.4

84 98.8 77.8 116.6



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



#32

1,1,1-Trichloroethane

Concen: 21.733 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

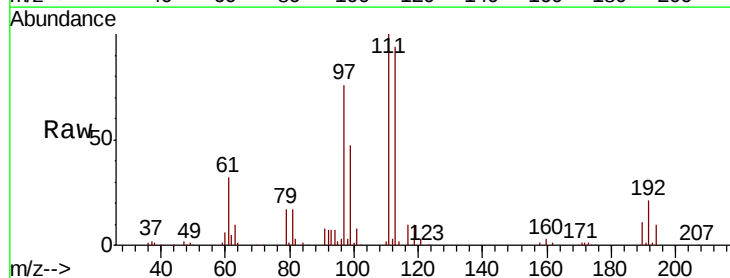
Tgt Ion: 97 Resp: 64911

Ion Ratio Lower Upper

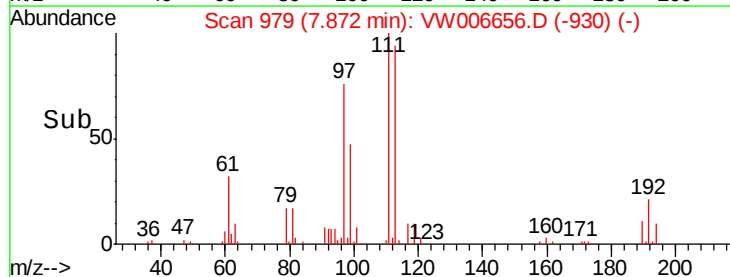
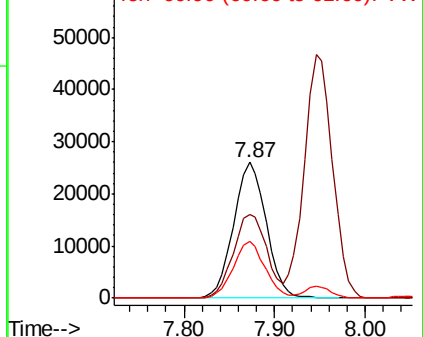
97 100

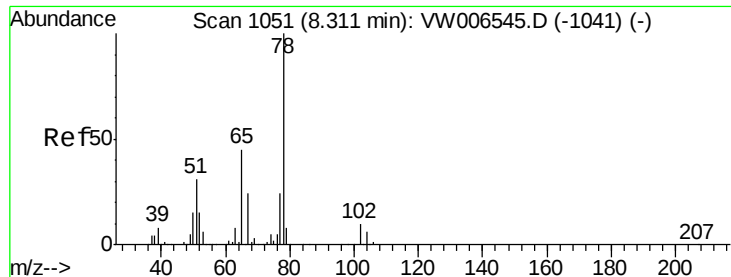
99 63.5 51.7 77.5

61 40.8 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 57.217 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

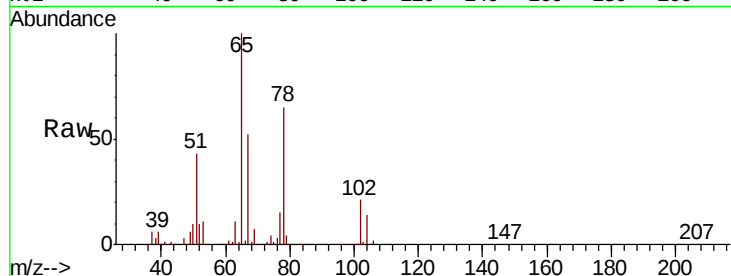
VW1105SBSD02

Tgt Ion: 65 Resp: 105257

Ion Ratio Lower Upper

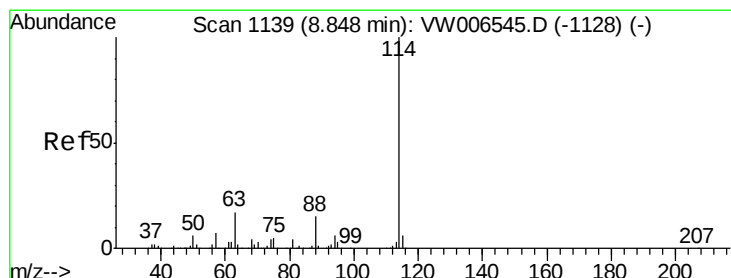
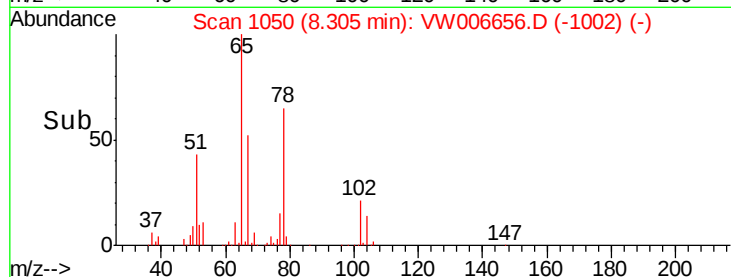
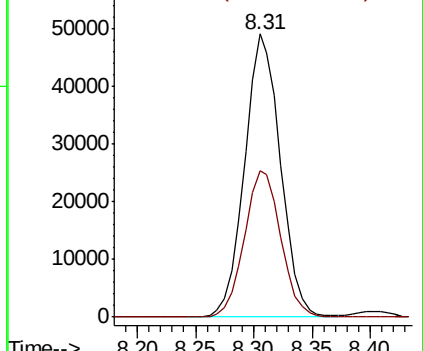
65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

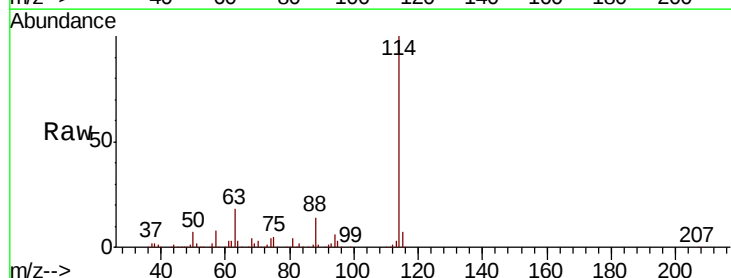
Tgt Ion: 114 Resp: 316463

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

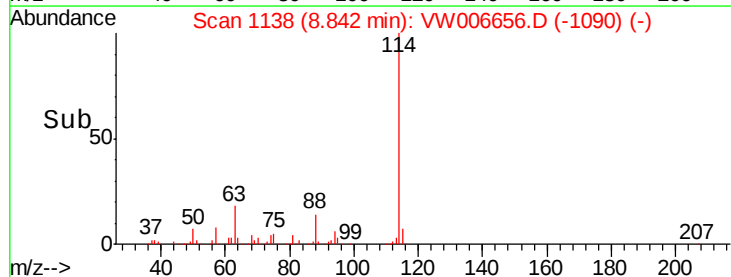
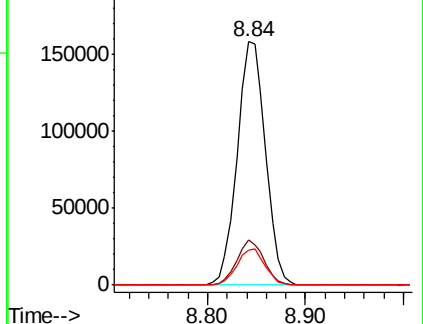
88 14.5 0.0 29.0

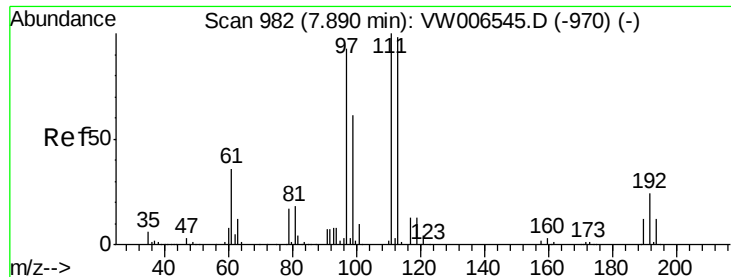


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

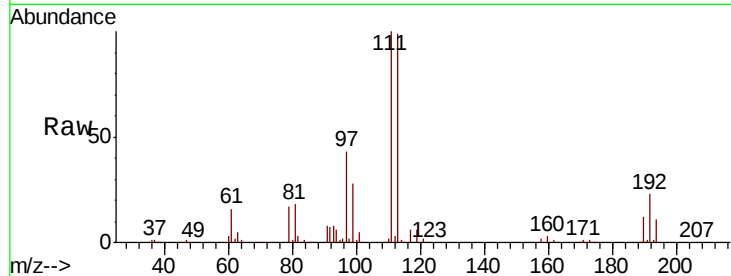




#35
 Dibromofluoromethane
 Concen: 55.415 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.7	19.0	28.6

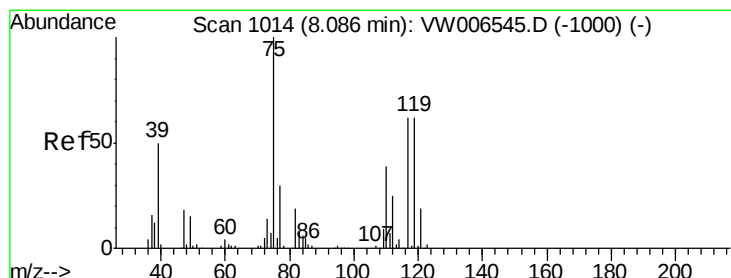
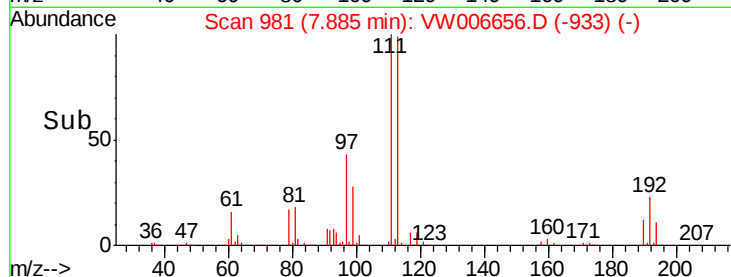
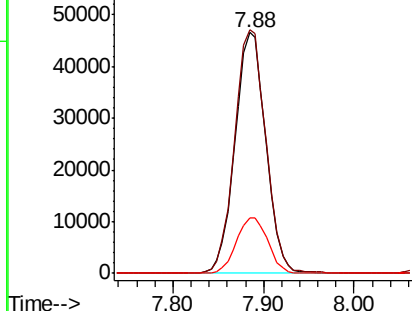


Abundance

Ion 112.80 (112.50 to 113.50): V

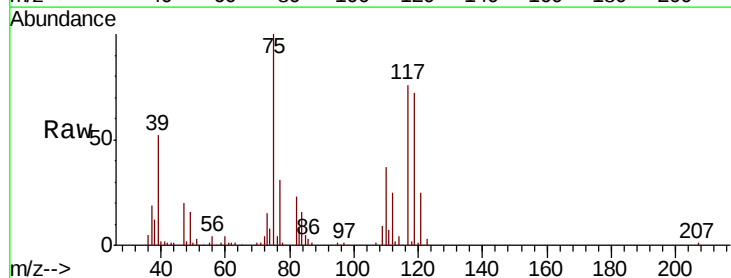
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.664 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.5	58.5
77	30.8	24.6	37.0

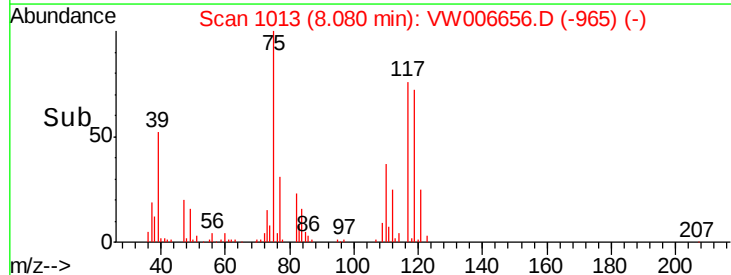
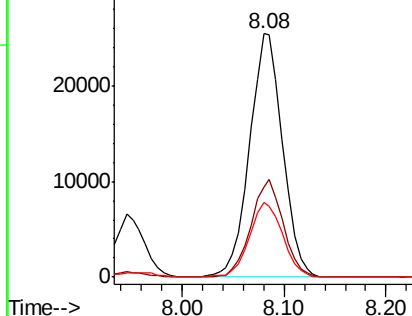


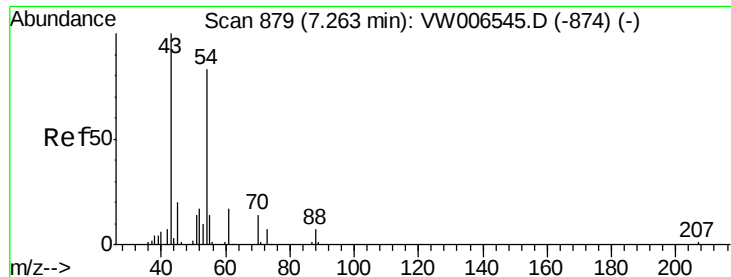
Abundance

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

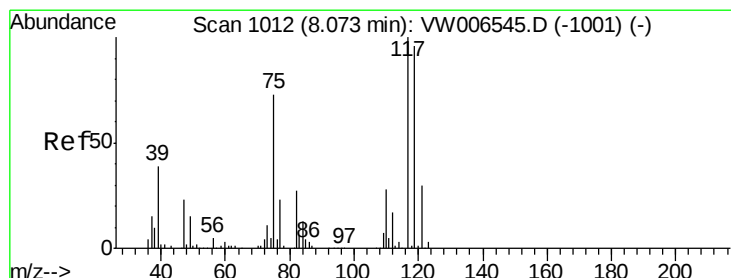
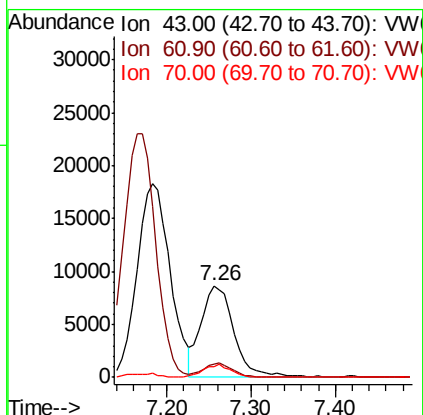
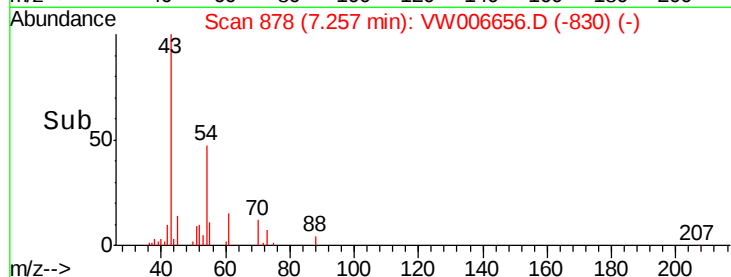
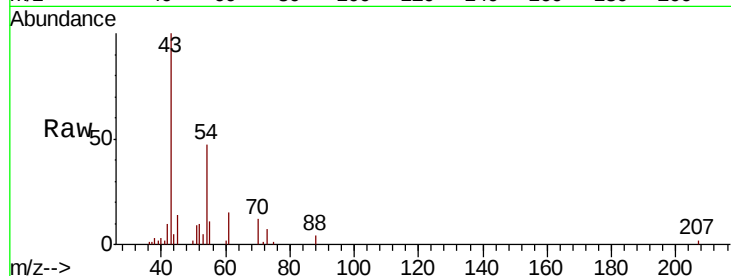




#37
Ethyl Acetate
Concen: 24.543 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

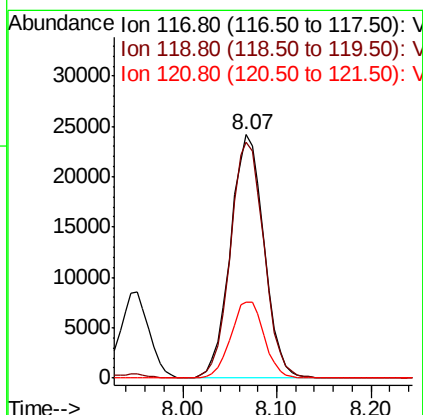
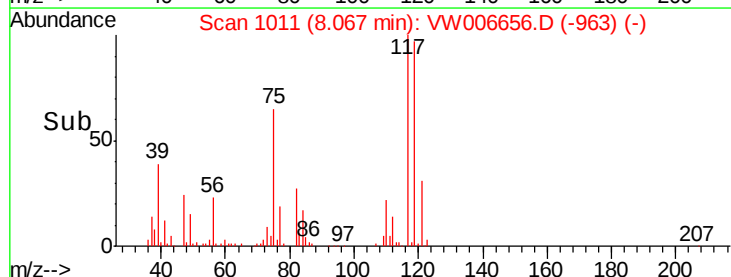
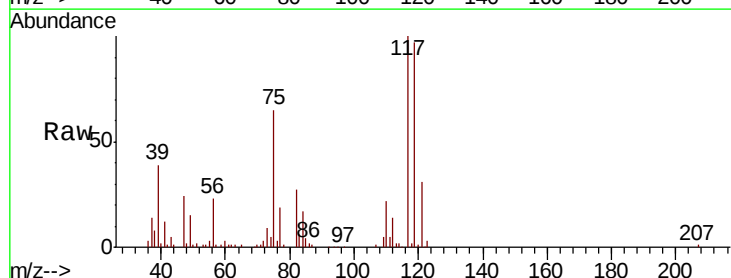
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

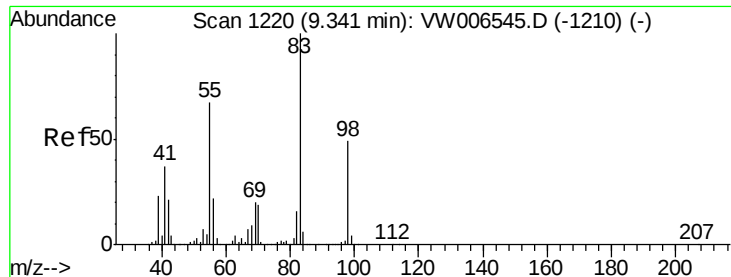
Tgt Ion: 43 Resp: 23670
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.622 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 117 Resp: 59969
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5
121 31.3 24.1 36.1

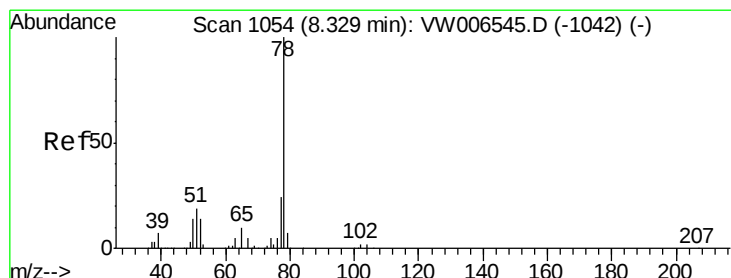
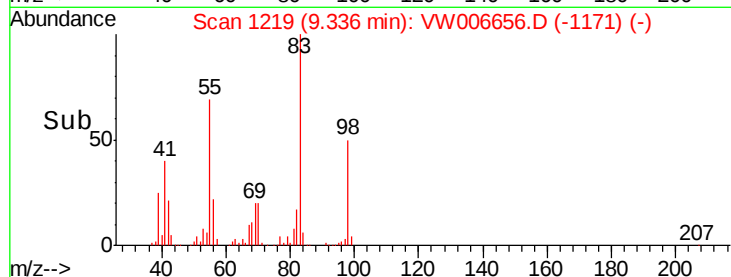
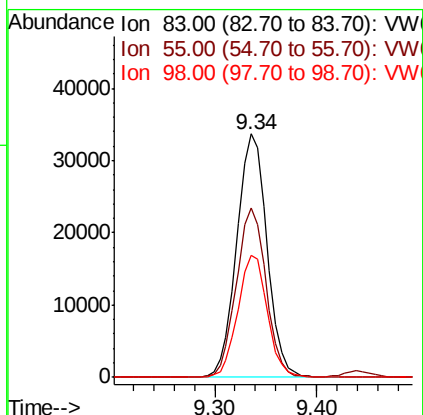
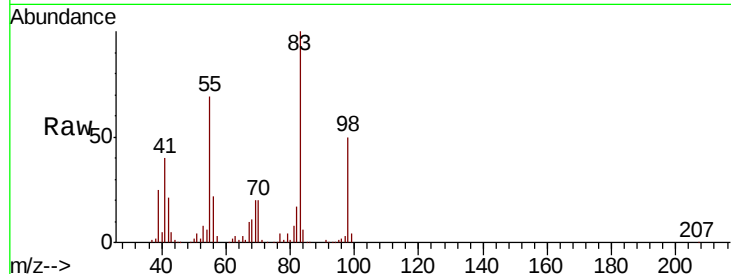




#39
Methylcyclohexane
Concen: 19.616 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

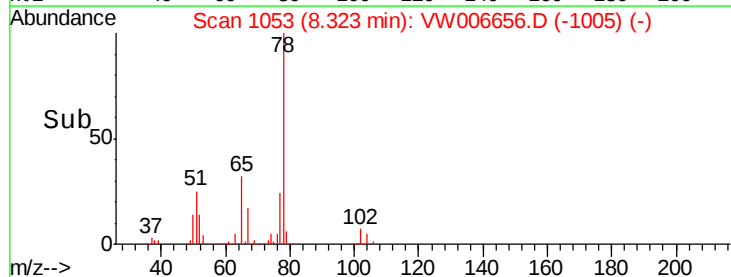
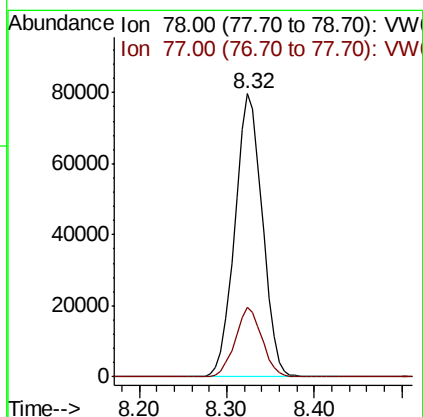
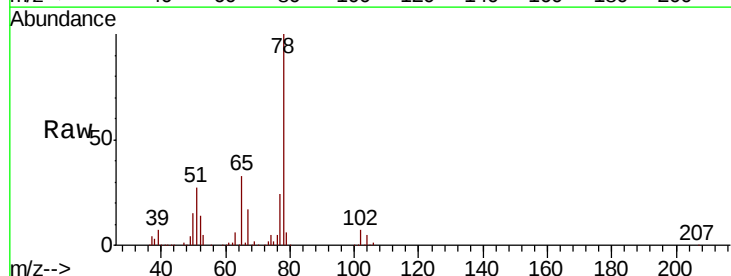
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

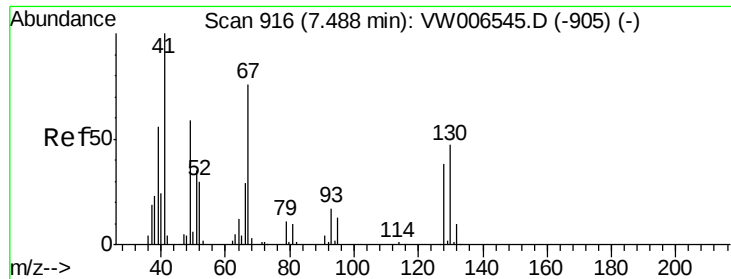
Tgt Ion: 83 Resp: 69276
Ion Ratio Lower Upper
83 100
55 69.4 53.7 80.5
98 50.4 39.2 58.8



#40
Benzene
Concen: 22.025 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 78 Resp: 174100
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8





#41

Methacrylonitrile

Concen: 20.809 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

Tgt Ion: 41 Resp: 12306

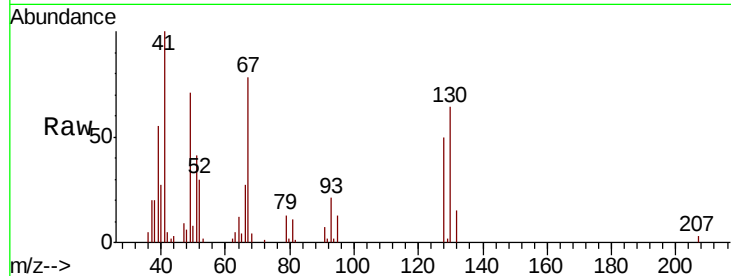
Ion Ratio Lower Upper

41 100

39 62.9 44.5 66.7

67 85.6 63.8 95.8

52 35.5 26.3 39.5

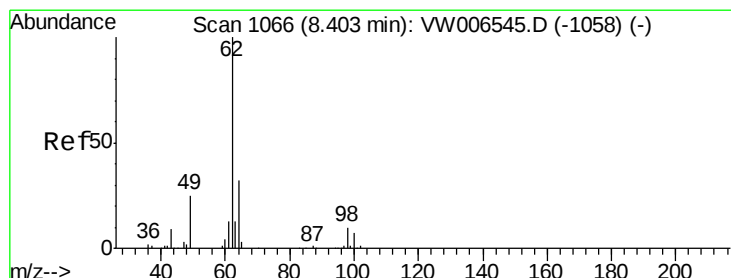
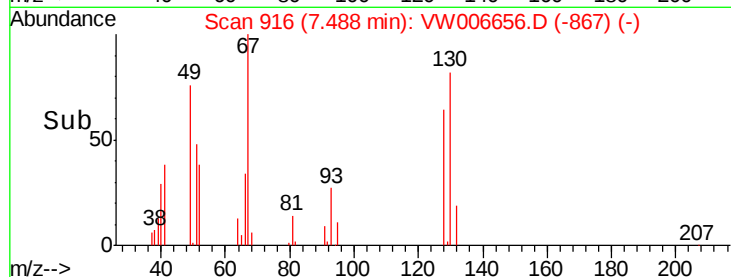
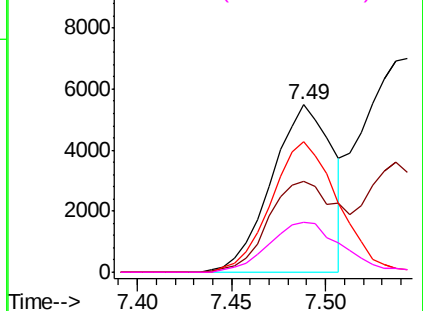


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.820 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006656.D

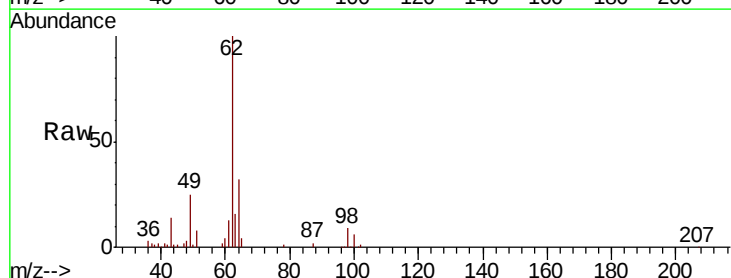
Acq: 06 Nov 2018 01:35

Tgt Ion: 62 Resp: 51731

Ion Ratio Lower Upper

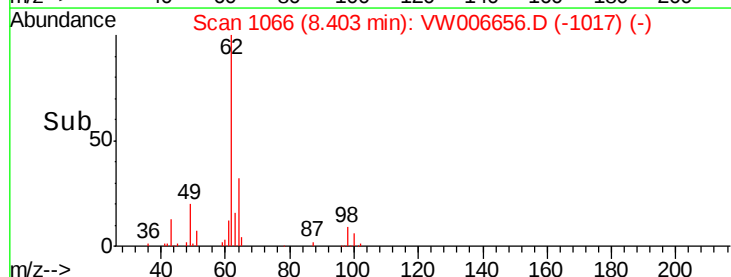
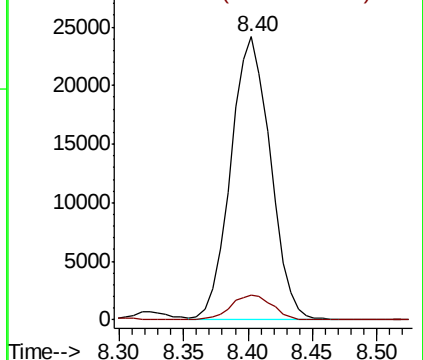
62 100

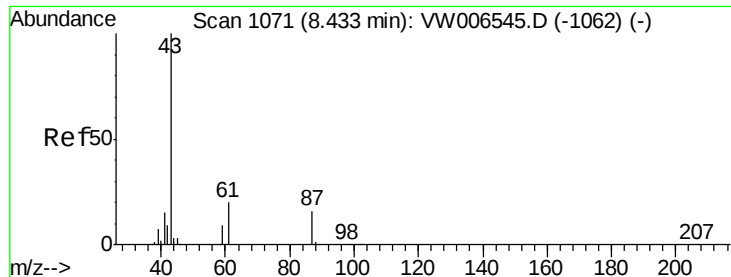
98 9.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.722 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

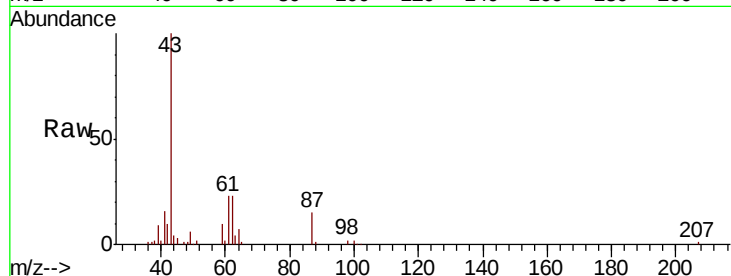
Tgt Ion: 43 Resp: 43729

Ion Ratio Lower Upper

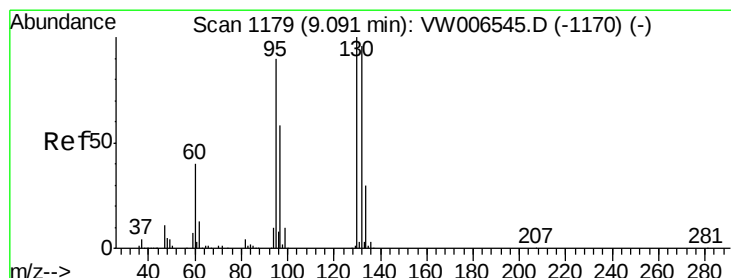
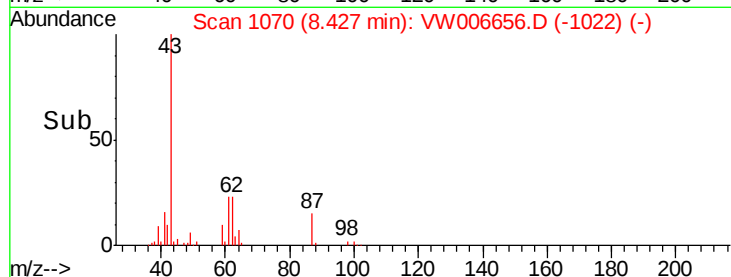
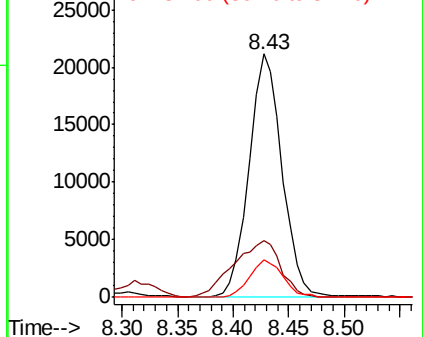
43 100

61 33.2 27.2 40.8

87 15.5 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: 21.136 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006656.D

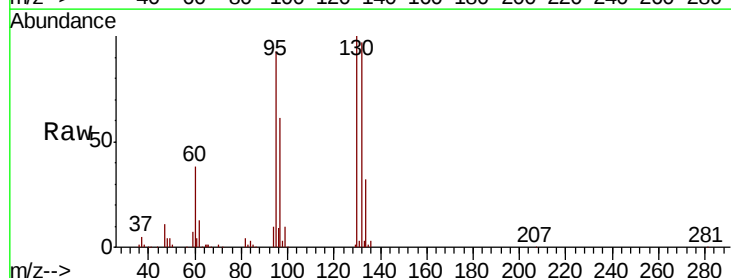
Acq: 06 Nov 2018 01:35

Tgt Ion: 130 Resp: 51556

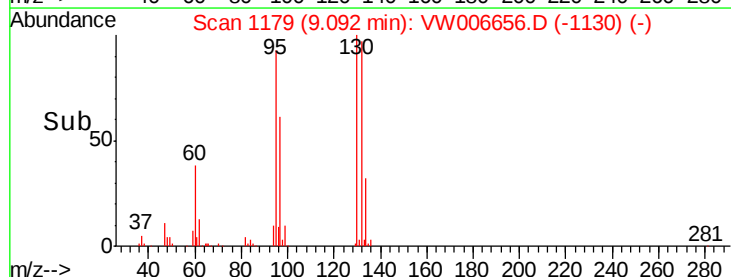
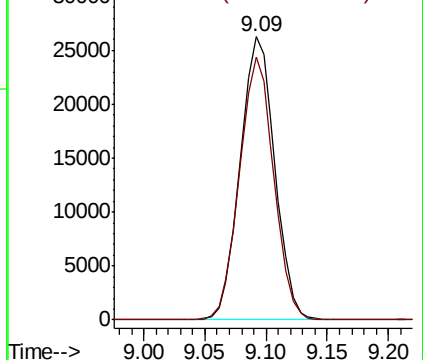
Ion Ratio Lower Upper

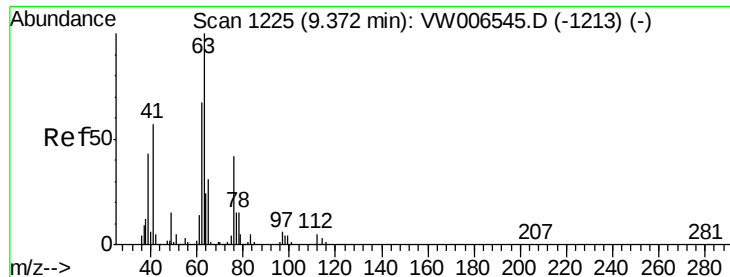
130 100

95 93.1 0.0 179.2



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

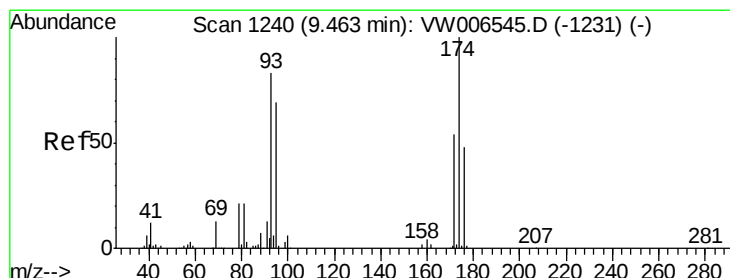
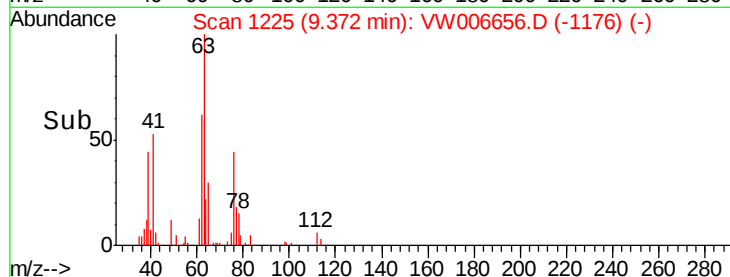
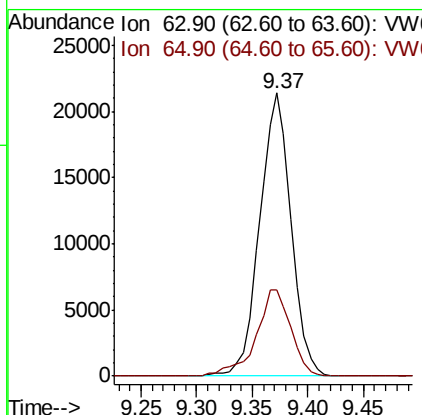
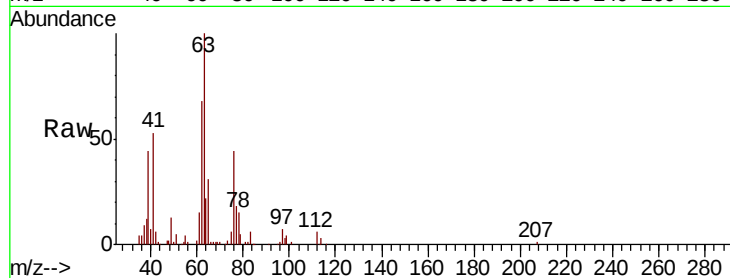




#45
 1,2-Dichloropropane
 Concen: 22.769 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

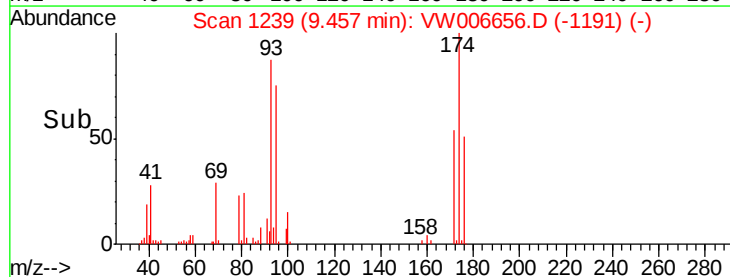
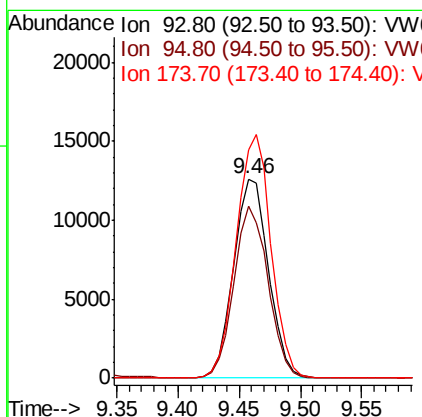
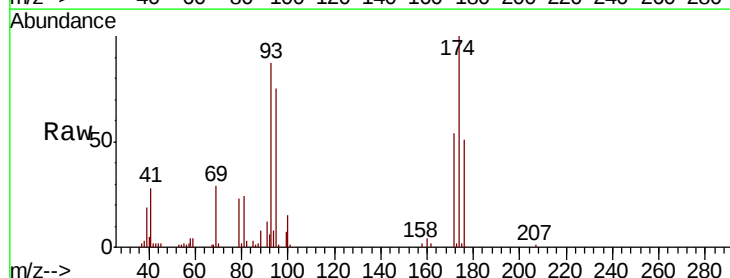
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

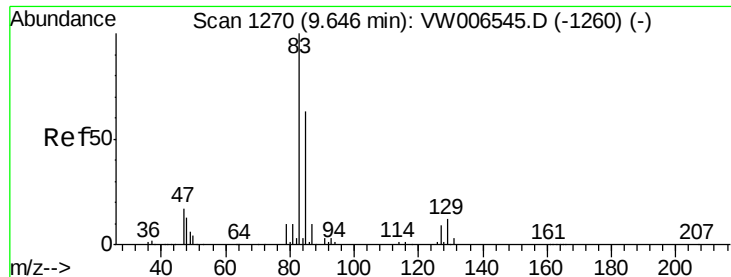
Tgt Ion: 63 Resp: 41885
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 23.063 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion: 93 Resp: 24940
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.2 100.8
 174 122.0 97.3 145.9

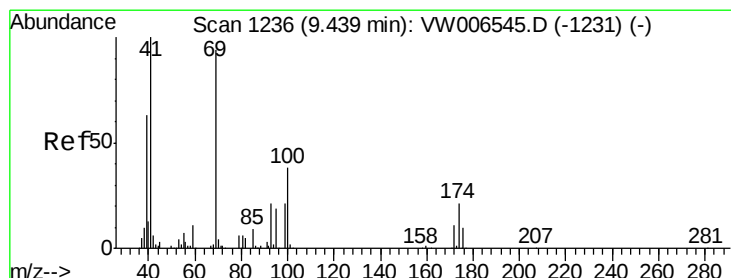
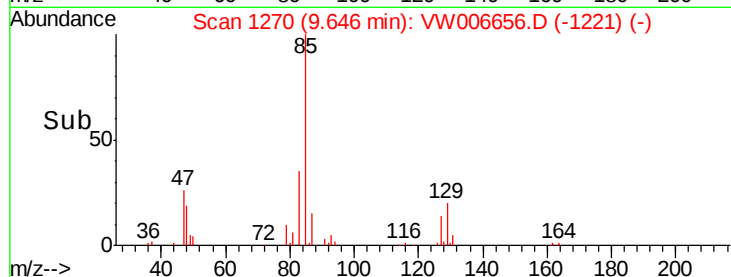
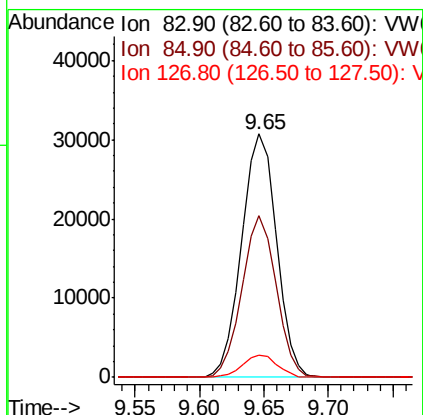
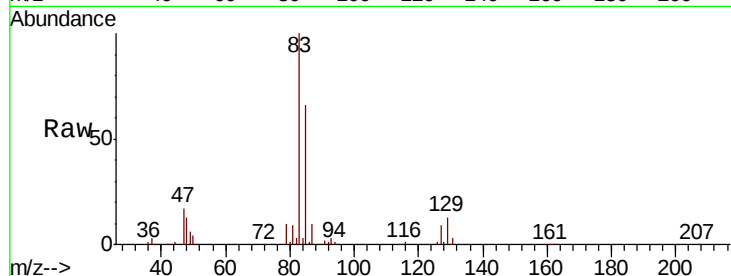




#47
Bromodichloromethane
Concen: 22.959 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

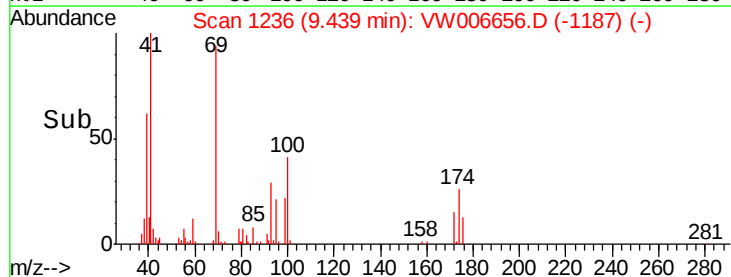
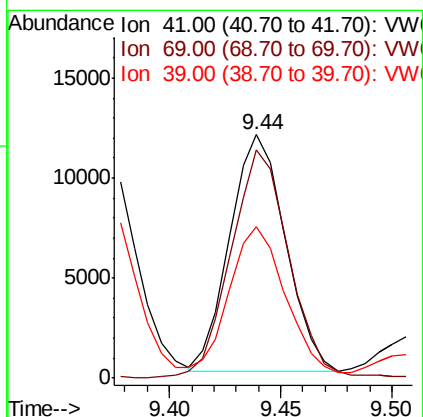
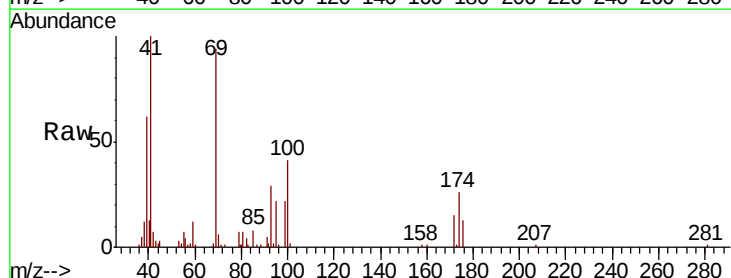
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

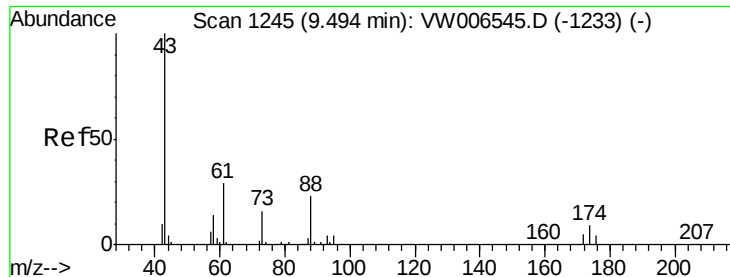
Tgt Ion: 83 Resp: 57646
Ion Ratio Lower Upper
83 100
85 66.2 50.6 75.8
127 9.0 7.5 11.3



#48
Methyl methacrylate
Concen: 22.180 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 41 Resp: 20566
Ion Ratio Lower Upper
41 100
69 101.2 77.8 116.8
39 66.4 48.7 73.1

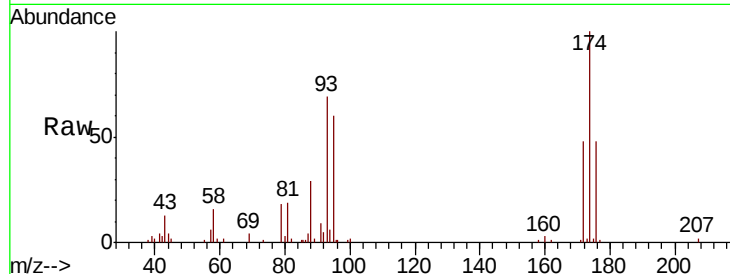




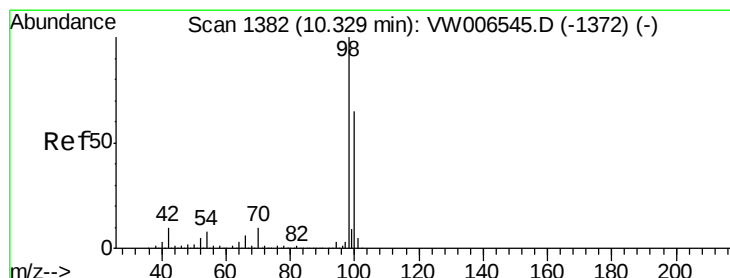
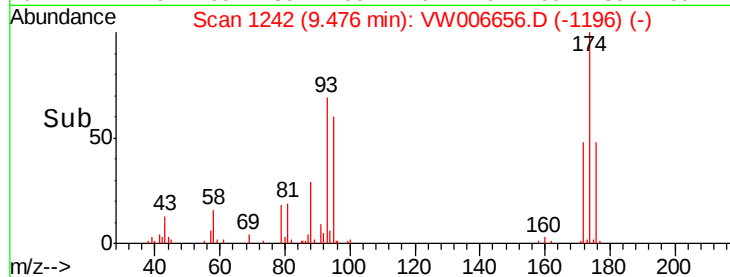
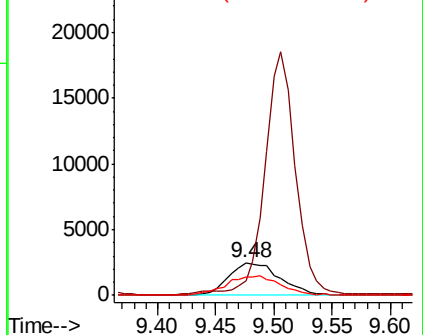
#49
1,4-Dioxane
Concen: 474.924 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

Tgt Ion: 88 Resp: 7516
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 64.2 51.4 77.2

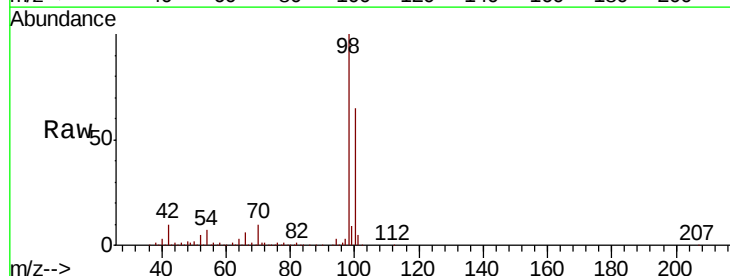


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

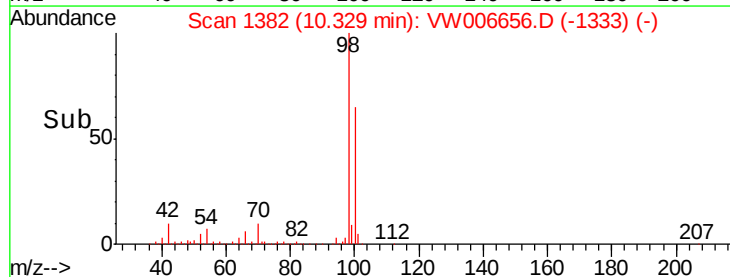
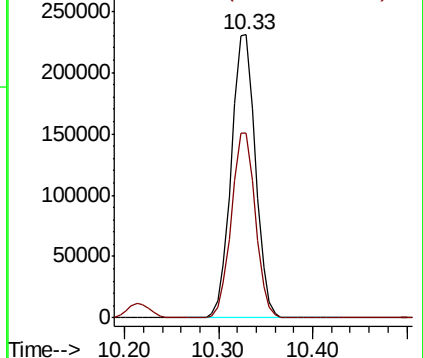


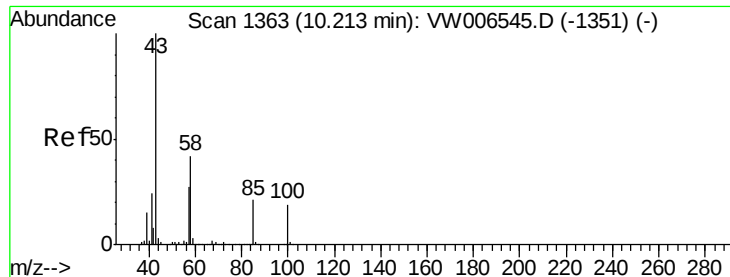
#50
Toluene-d8
Concen: 54.251 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 98 Resp: 410165
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



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

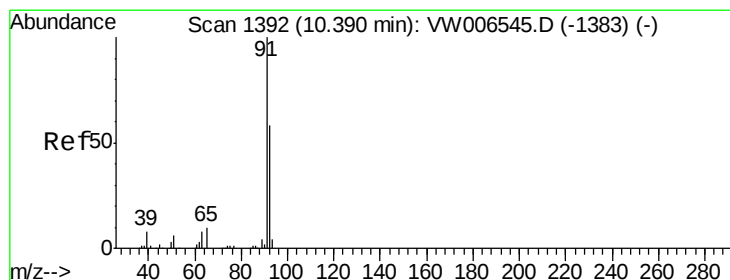
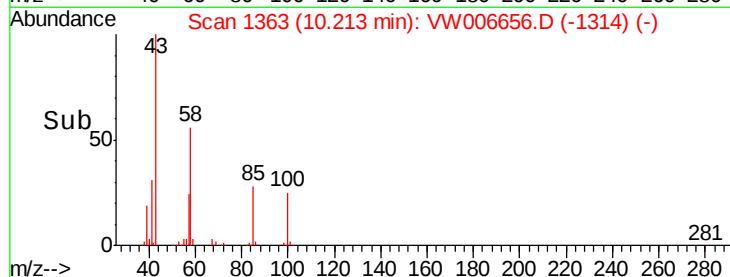
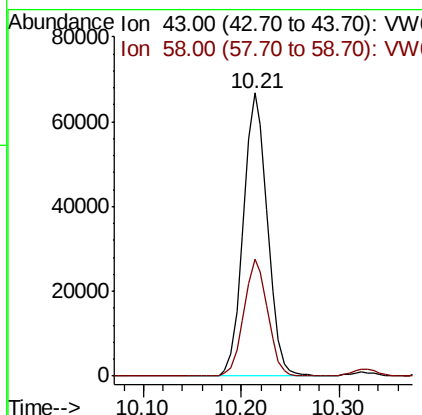
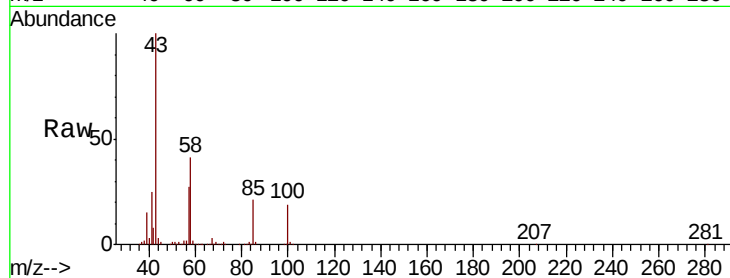




#51
 4-Methyl-2-Pentanone
 Concen: 115.512 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

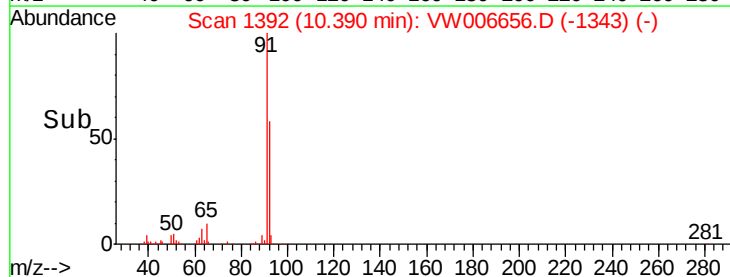
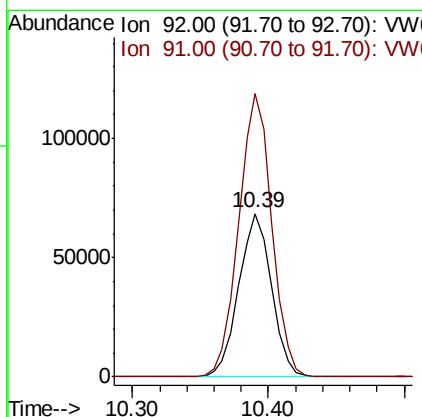
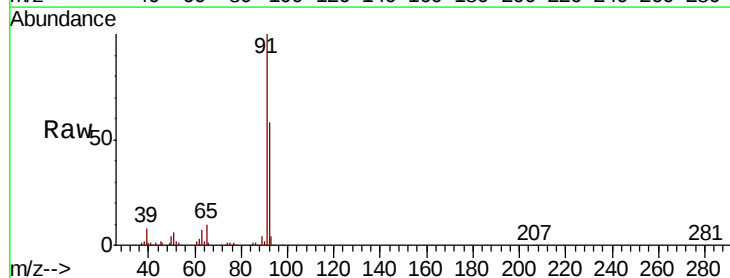
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

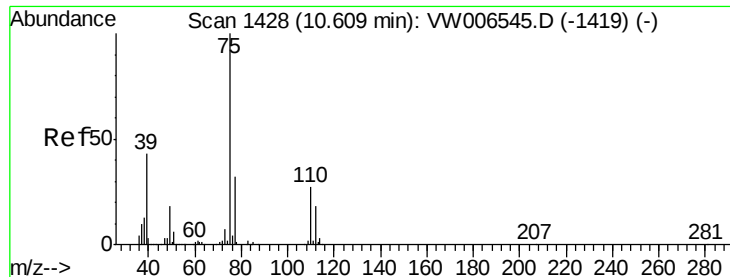
Tgt Ion: 43 Resp: 114171
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.4 50.0



#52
 Toluene
 Concen: 21.758 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion: 92 Resp: 115359
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.495 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

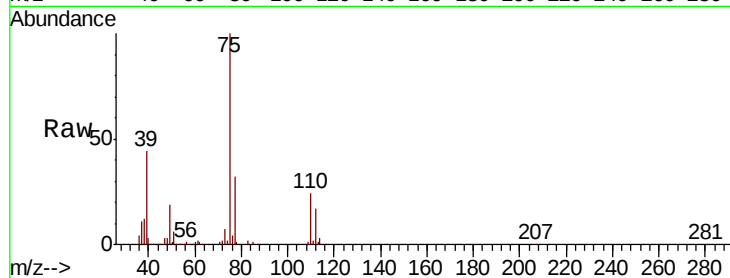
VW1105SBSD02

Tgt Ion: 75 Resp: 54358

Ion Ratio Lower Upper

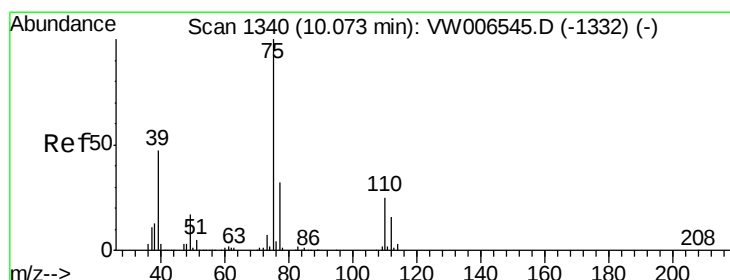
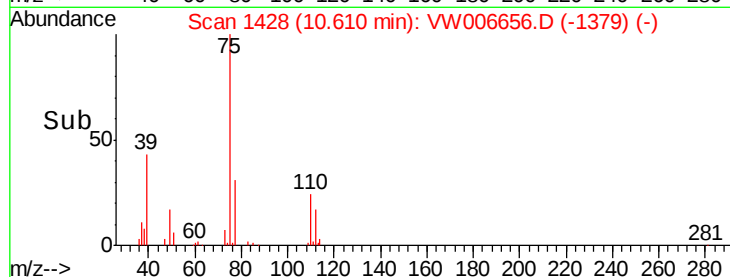
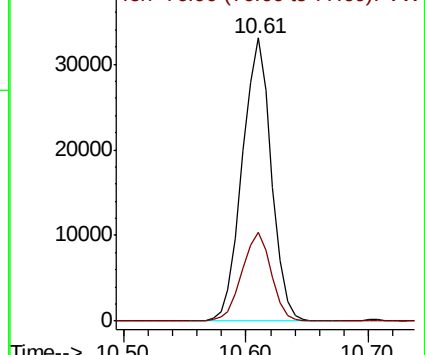
75 100

77 31.5 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.900 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

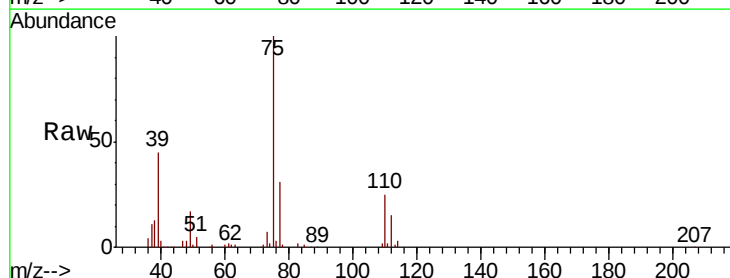
Tgt Ion: 75 Resp: 62536

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

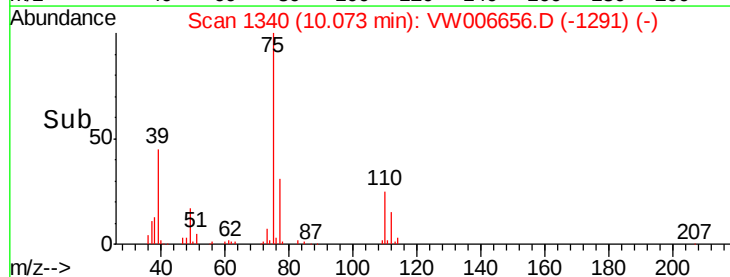
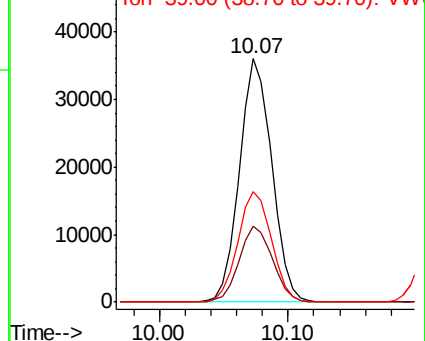
39 45.3 37.3 55.9

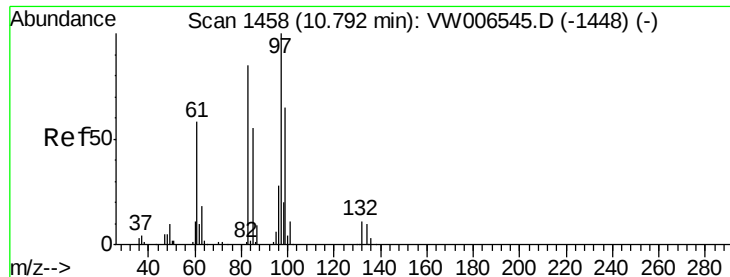


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

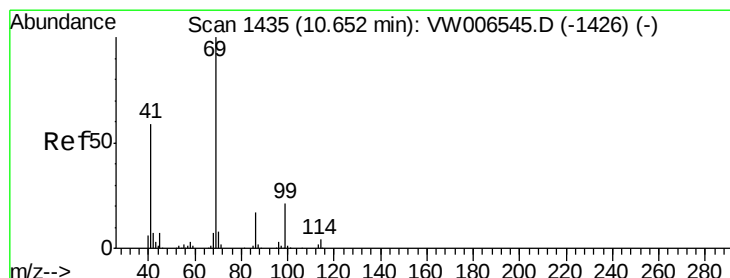
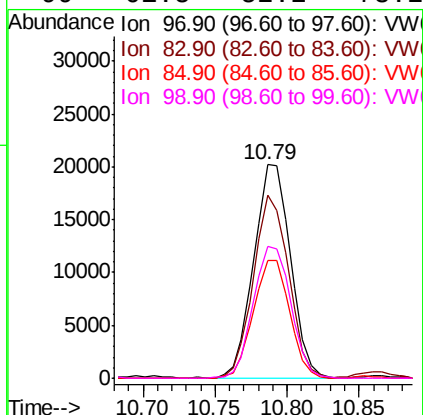
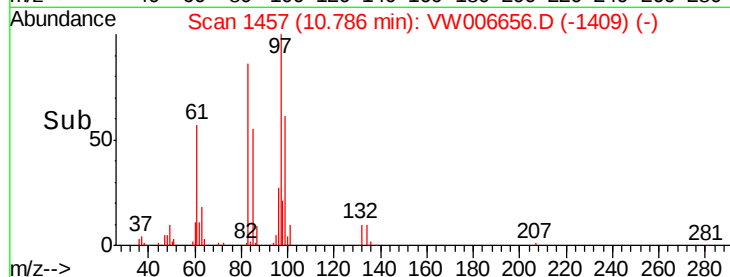
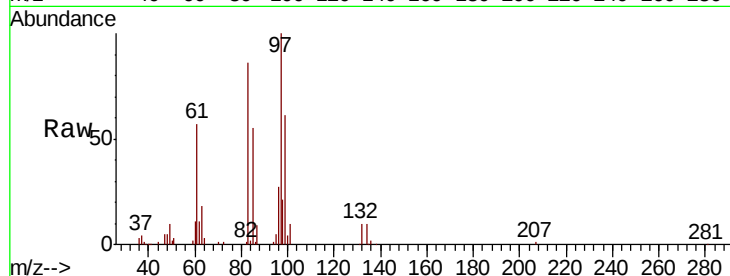




#55
 1,1,2-Trichloroethane
 Concen: 23.281 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

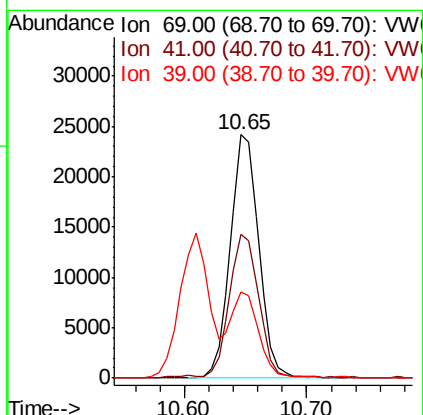
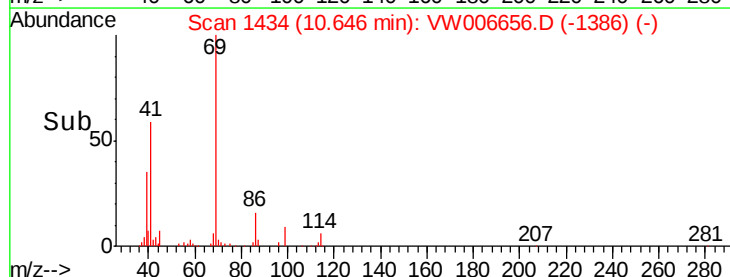
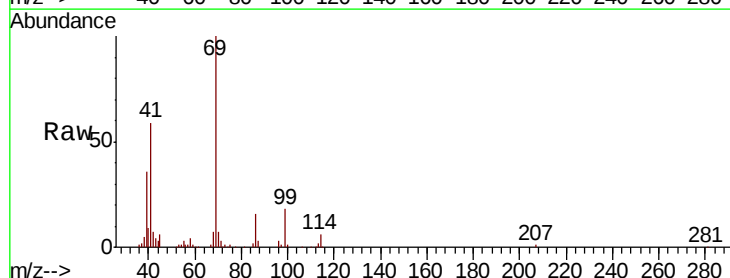
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

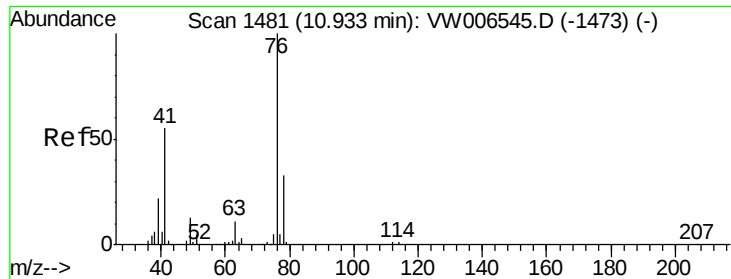
Tgt Ion:	97	Resp:	35720
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.9	101.9
85	55.3	44.0	66.0
99	61.5	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 22.212 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion:	69	Resp:	38736
Ion	Ratio	Lower	Upper
69	100		
41	62.9	47.4	71.2
39	36.0	25.3	37.9

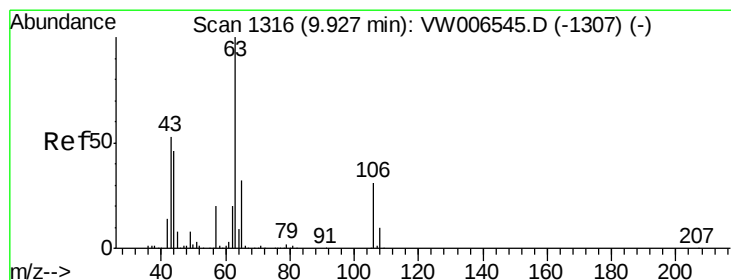
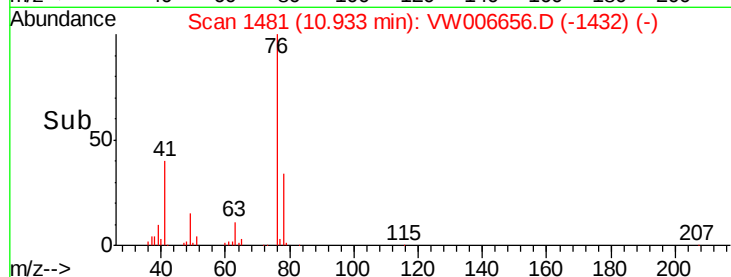
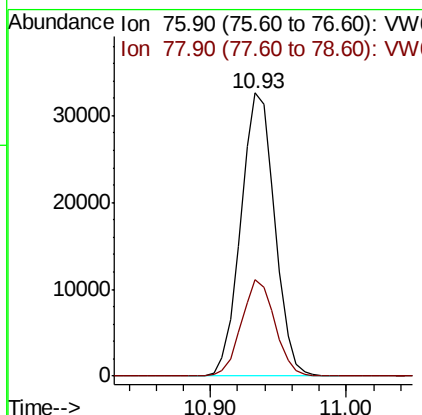
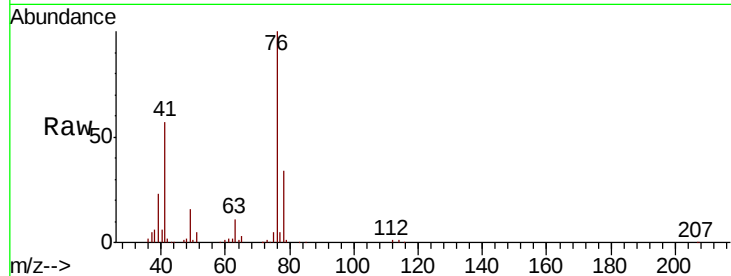




#57
 1,3-Dichloropropane
 Concen: 22.804 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

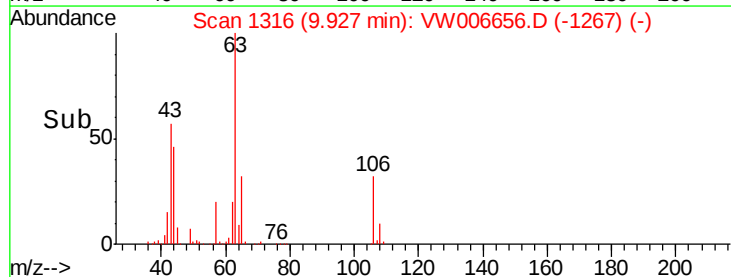
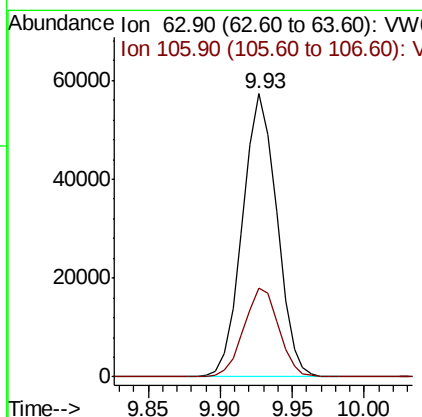
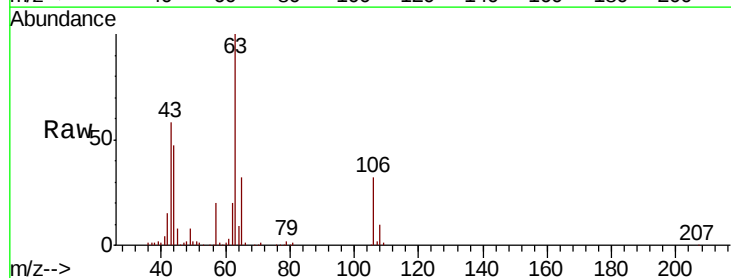
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

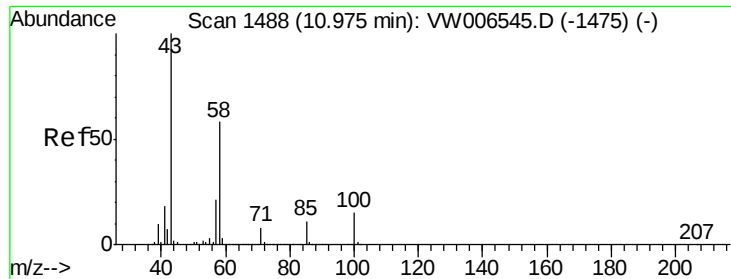
Tgt Ion: 76 Resp: 56814
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.842 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion: 63 Resp: 94811
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.4 38.2

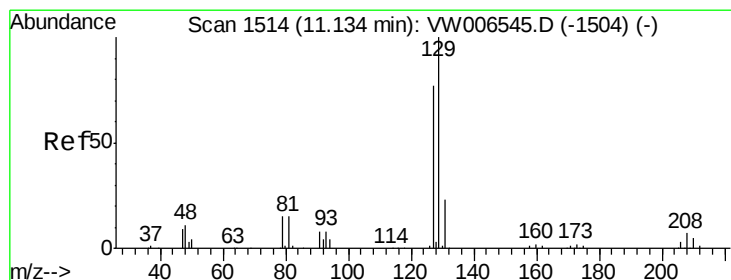
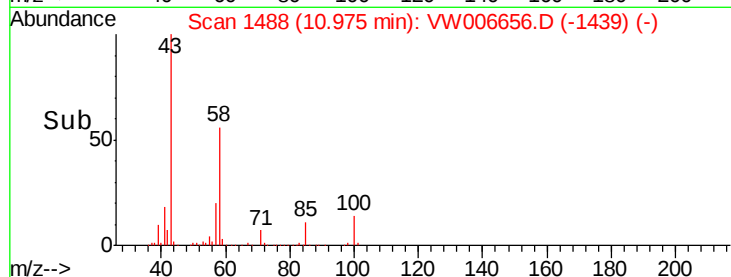
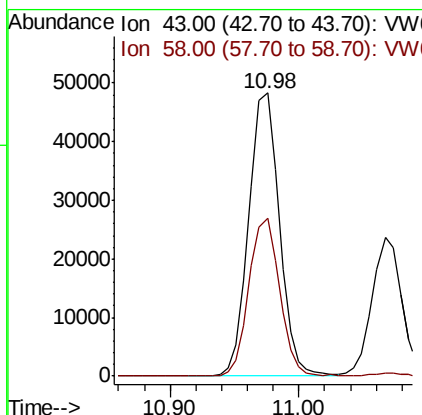
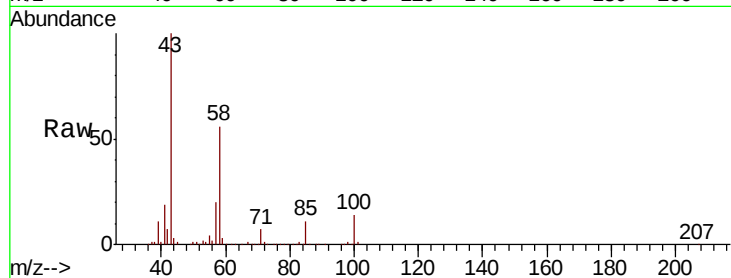




#59
2-Hexanone
Concen: 118.916 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

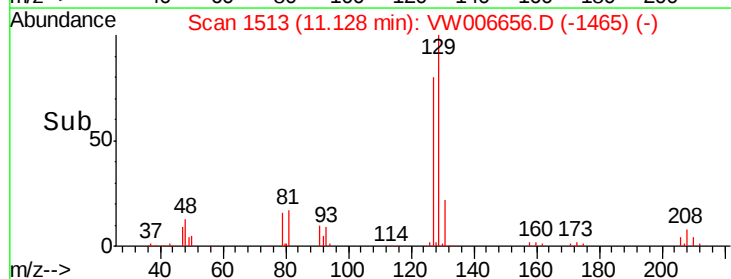
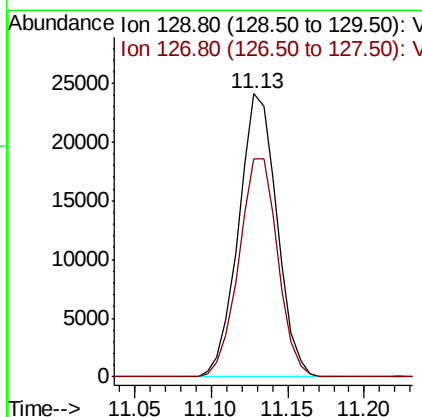
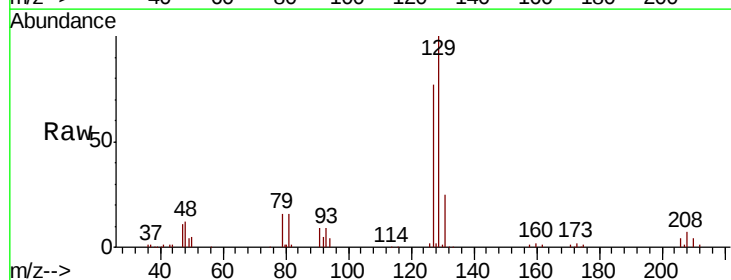
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

Tgt Ion: 43 Resp: 79829
Ion Ratio Lower Upper
43 100
58 55.6 28.8 86.4



#60
Dibromochloromethane
Concen: 23.054 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 129 Resp: 41910
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 23.251 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

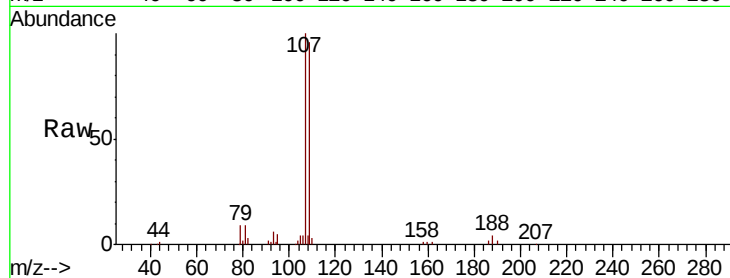
VW1105SBSD02

Tgt Ion: 107 Resp: 35427

Ion Ratio Lower Upper

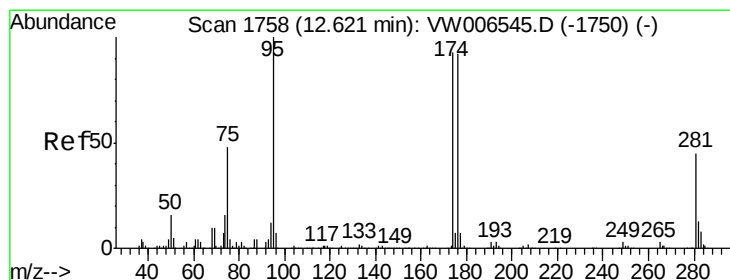
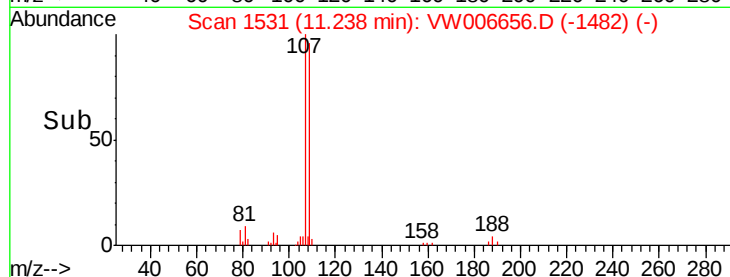
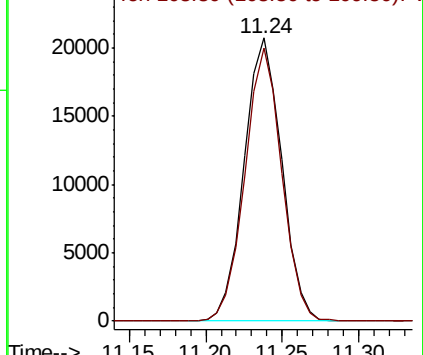
107 100

109 94.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.806 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

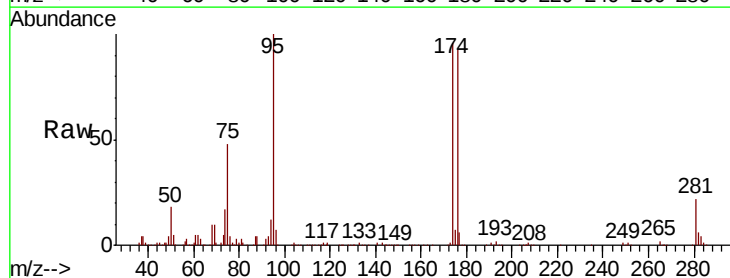
Tgt Ion: 95 Resp: 150222

Ion Ratio Lower Upper

95 100

174 98.0 0.0 192.4

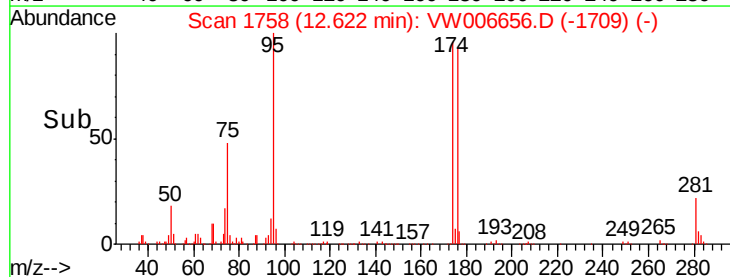
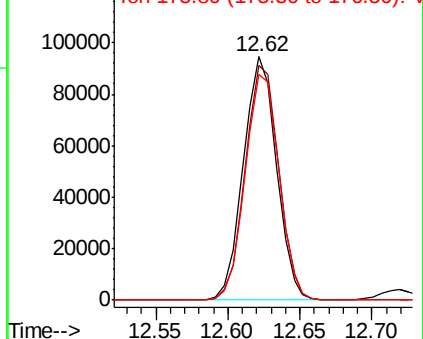
176 94.8 0.0 187.4

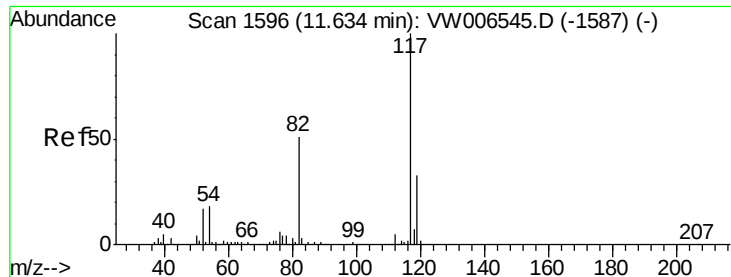


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

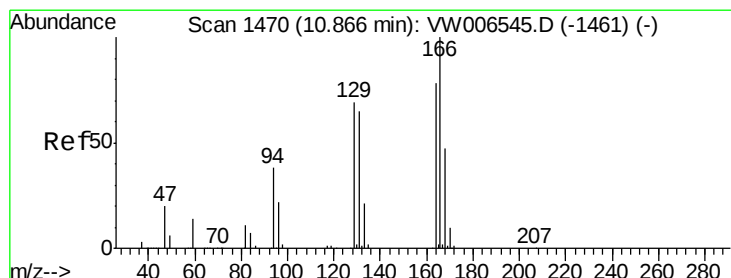
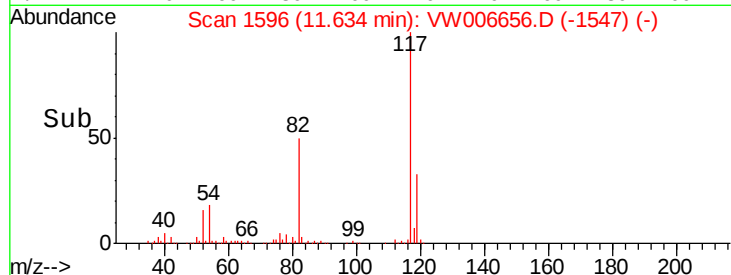
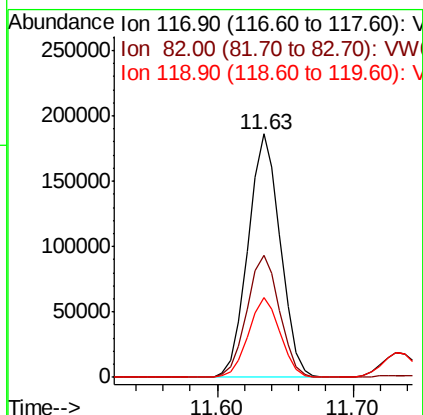
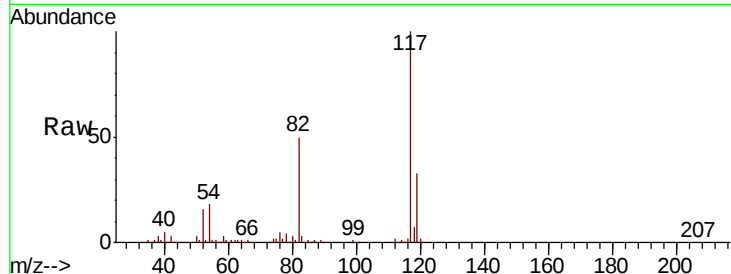




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

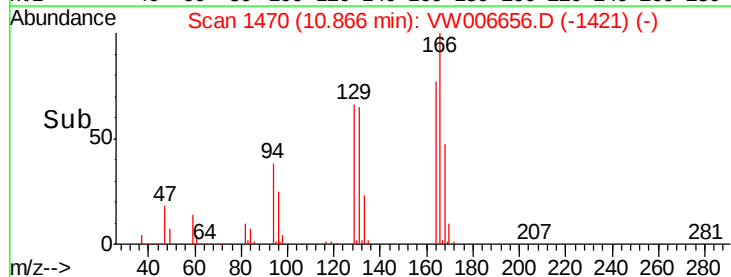
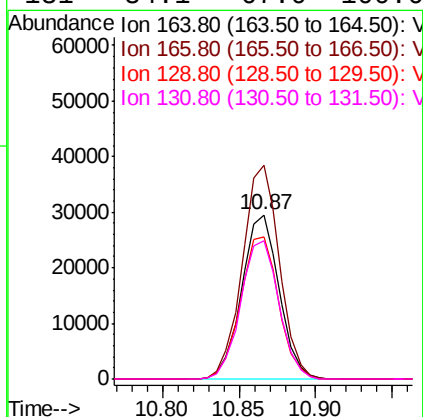
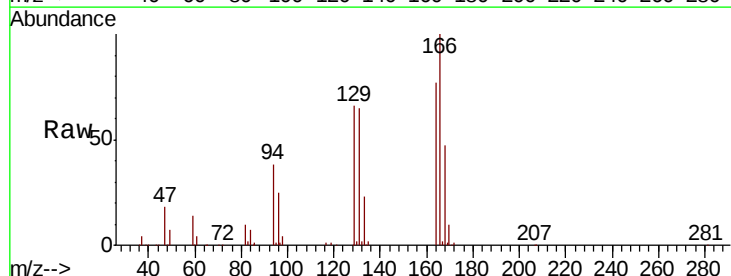
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

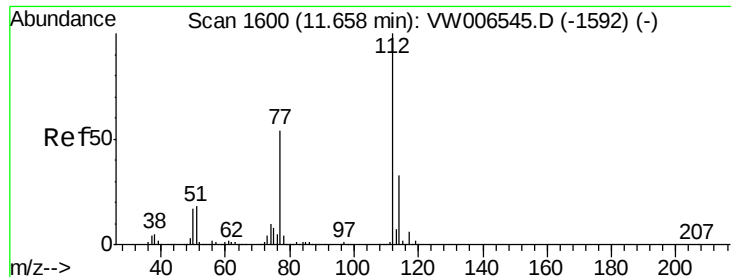
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.8	61.2
119	32.7	26.1	39.1



#64
Tetrachloroethene
Concen: 20.270 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.8	154.2
129	86.3	70.9	106.3
131	84.1	67.0	100.6

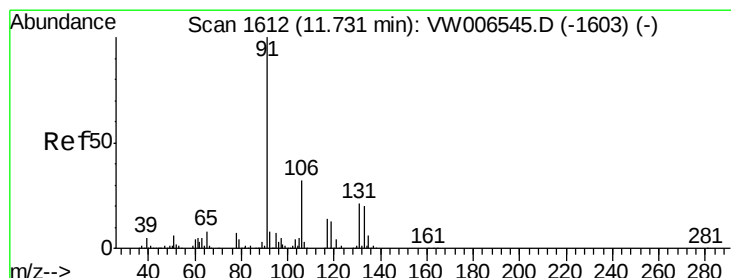
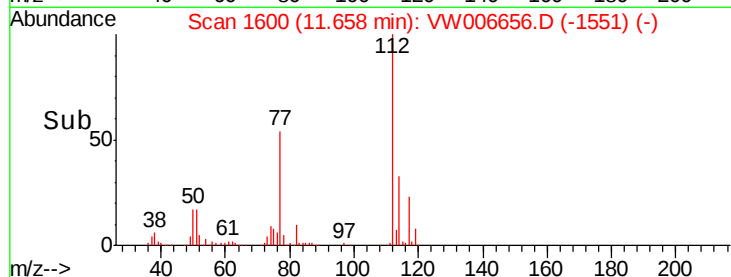
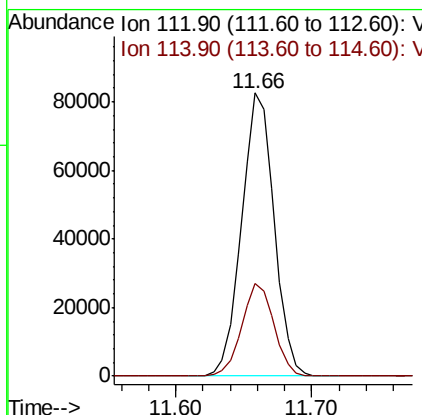
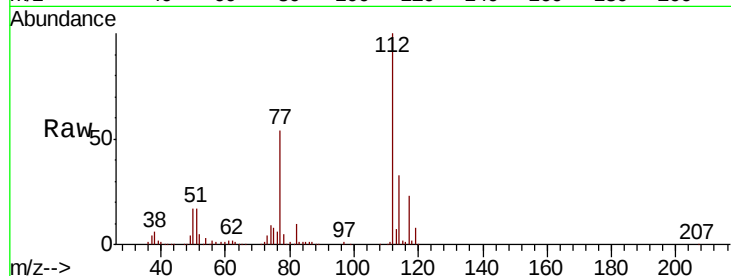




#65
Chlorobenzene
Concen: 21.216 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

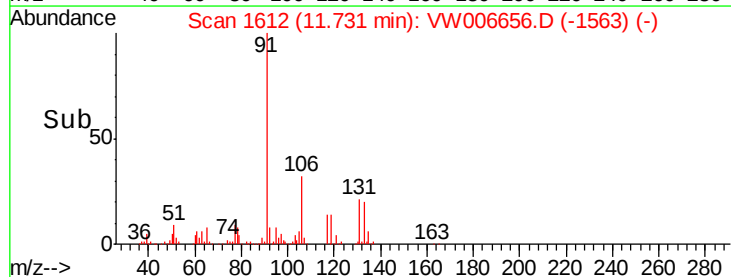
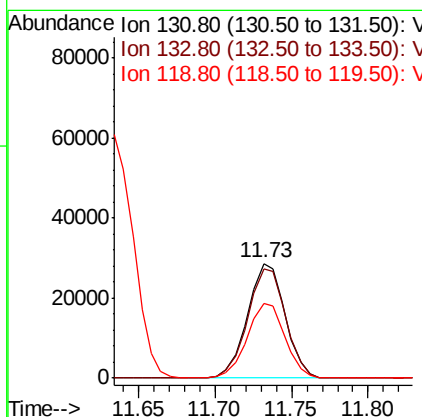
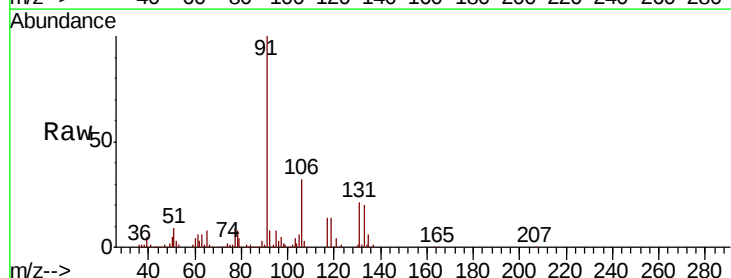
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

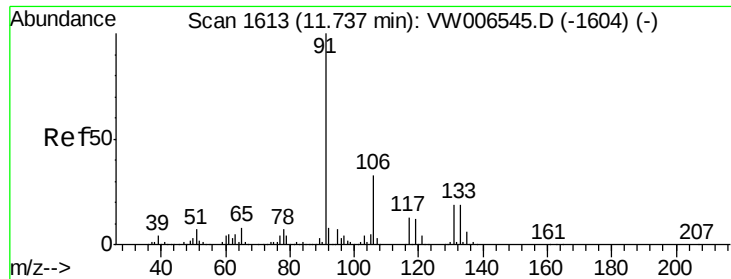
Tgt Ion:112 Resp: 137930
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.399 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion:131 Resp: 48899
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 65.6 31.9 95.5

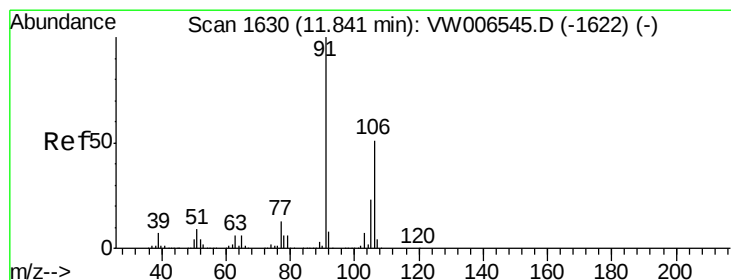
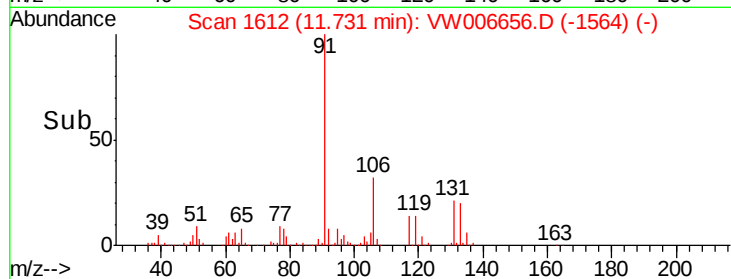
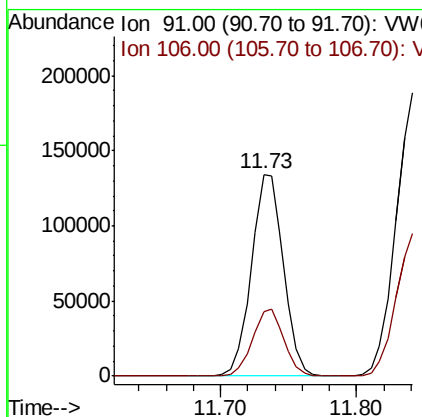
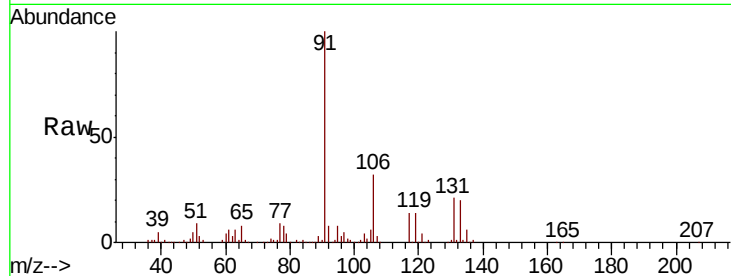




#67
Ethyl Benzene
Concen: 20.366 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

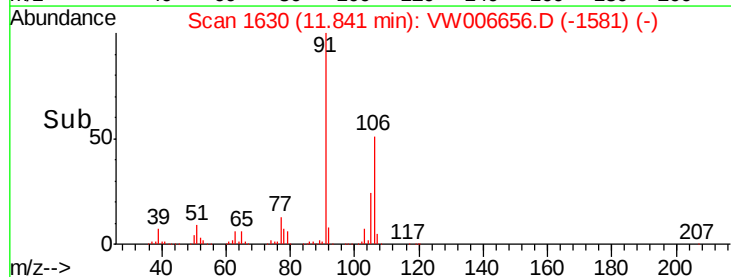
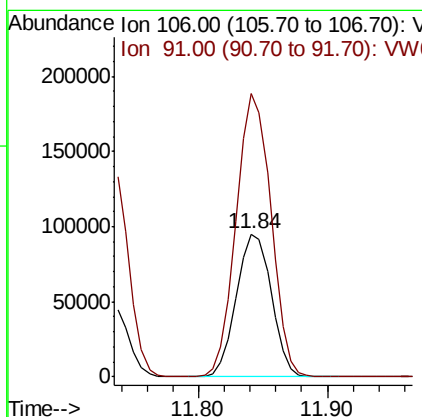
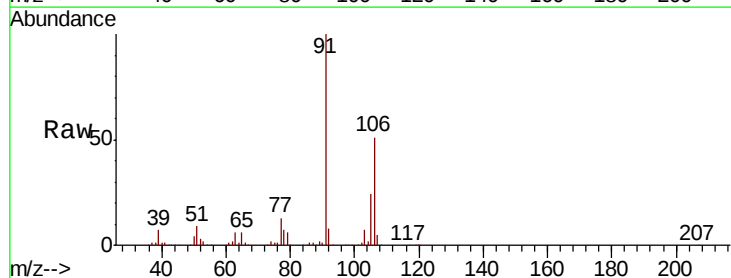
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

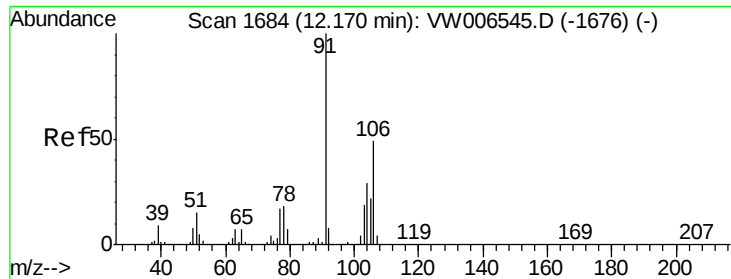
Tgt Ion: 91 Resp: 221308
Ion Ratio Lower Upper
91 100
106 31.9 26.3 39.5



#68
m/p-Xylenes
Concen: 41.378 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion: 106 Resp: 179643
Ion Ratio Lower Upper
106 100
91 196.4 156.7 235.1

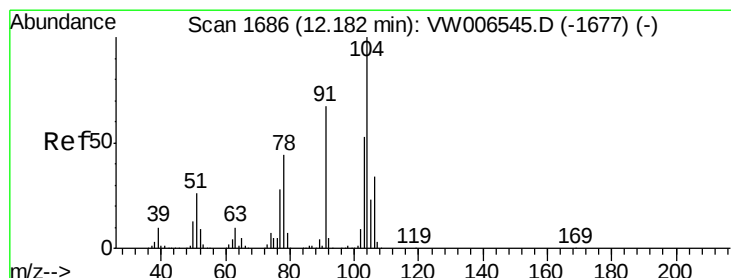
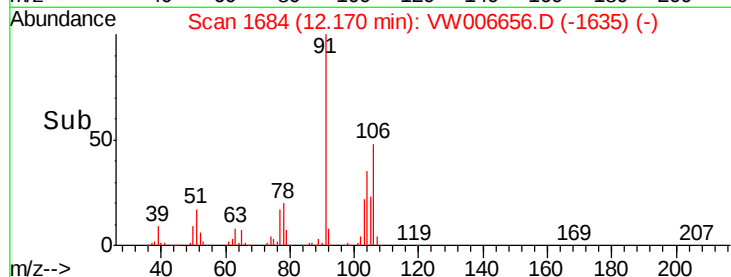
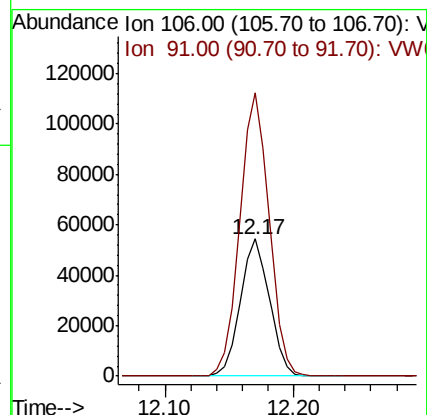
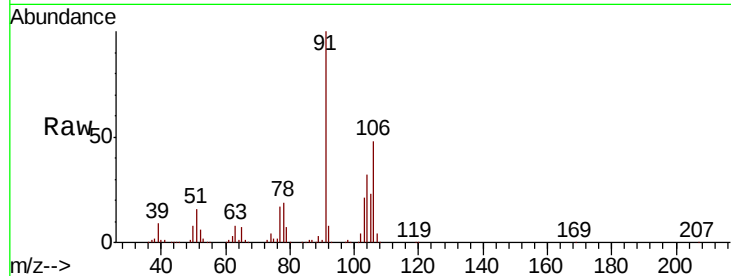




#69
o-Xylene
Concen: 20.625 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

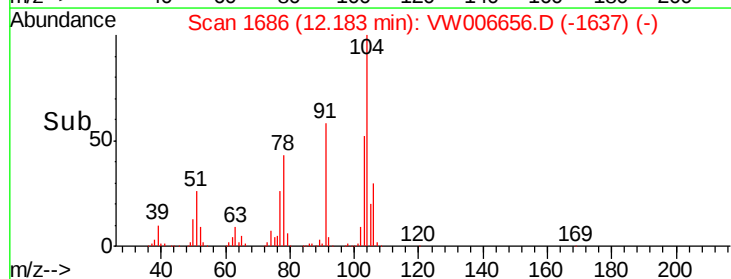
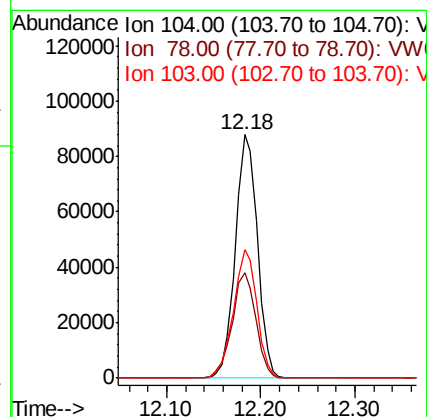
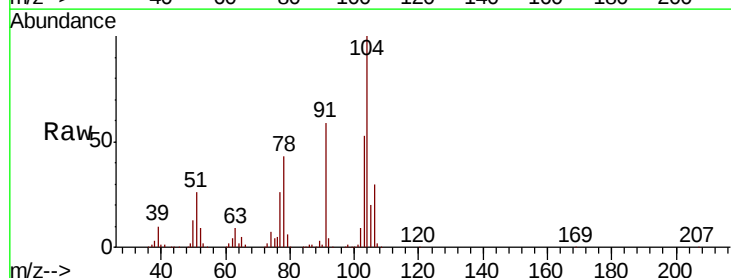
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBSD02

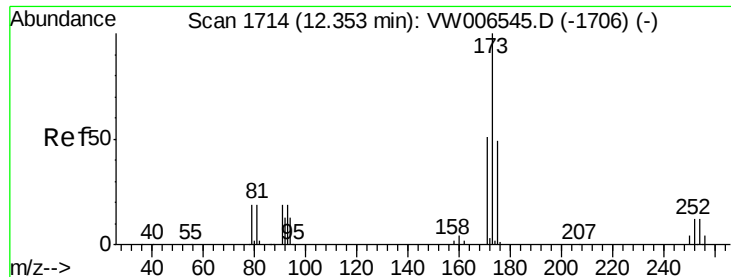
Tgt Ion:106 Resp: 85246
Ion Ratio Lower Upper
106 100
91 207.6 102.8 308.4



#70
Styrene
Concen: 21.252 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion:104 Resp: 143205
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.7 44.2 66.2





#71

Bromoform

Concen: 22.462 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

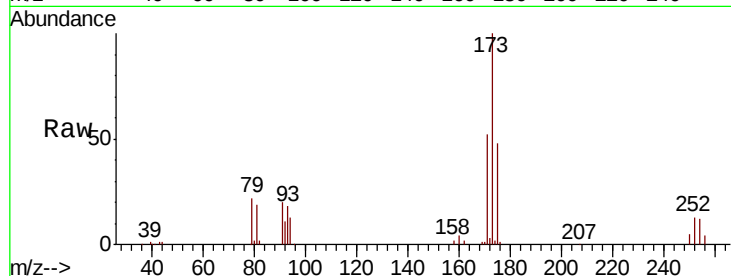
Tgt Ion:173 Resp: 27208

Ion Ratio Lower Upper

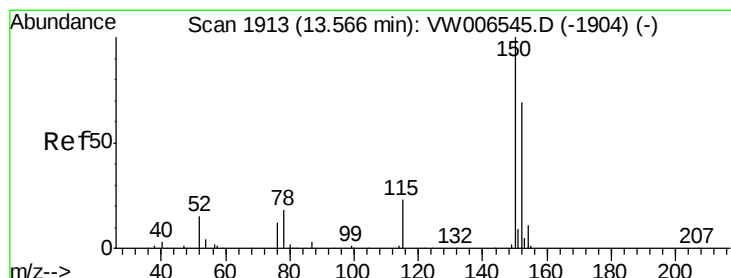
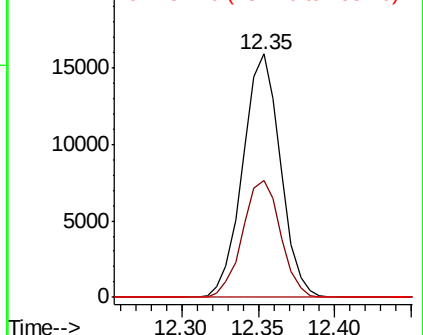
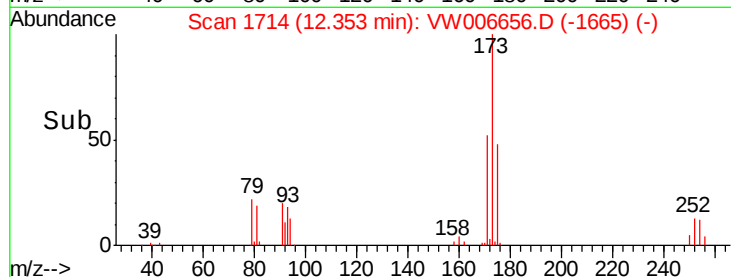
173 100

175 48.6 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: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

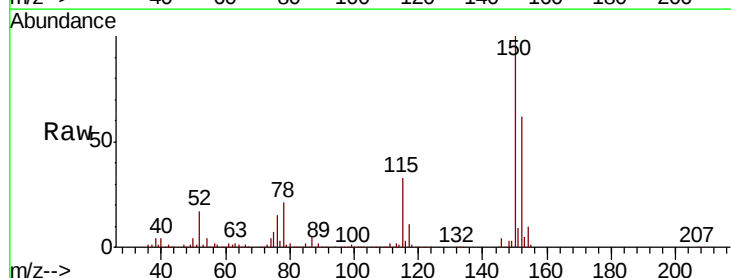
Tgt Ion:152 Resp: 178988

Ion Ratio Lower Upper

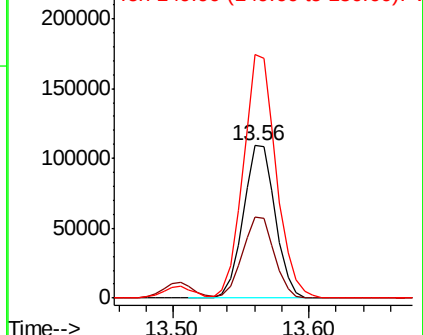
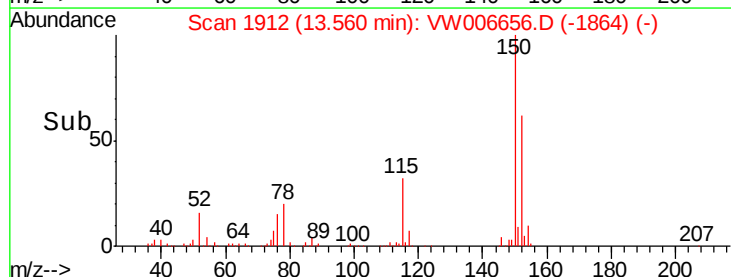
152 100

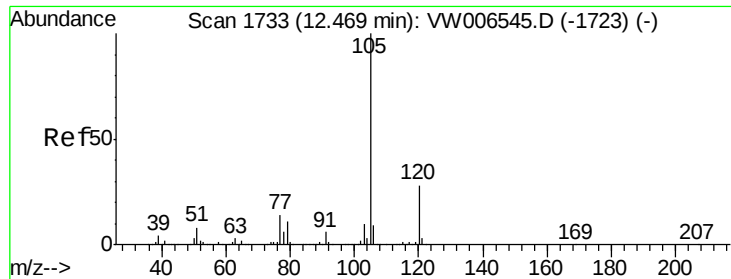
115 53.1 26.6 79.8

150 163.9 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: 19.412 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

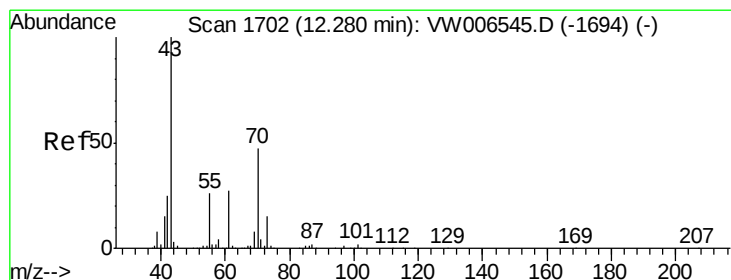
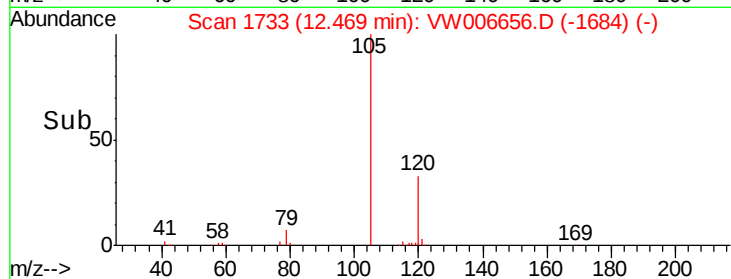
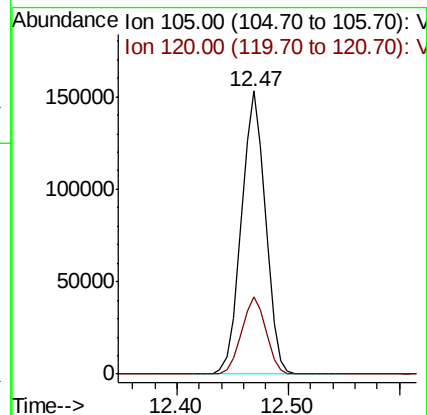
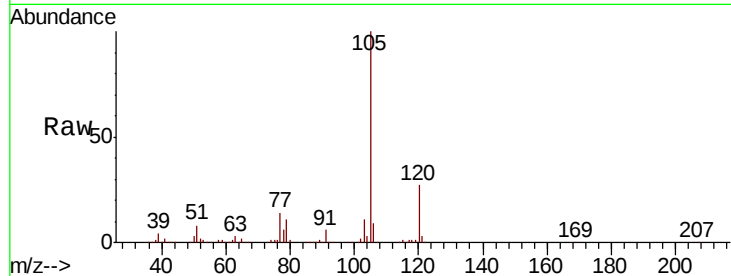
VW1105SBSD02

Tgt Ion:105 Resp: 22886

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



#74

N-ethyl acetate

Concen: 20.709 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Tgt Ion: 43 Resp: 42194

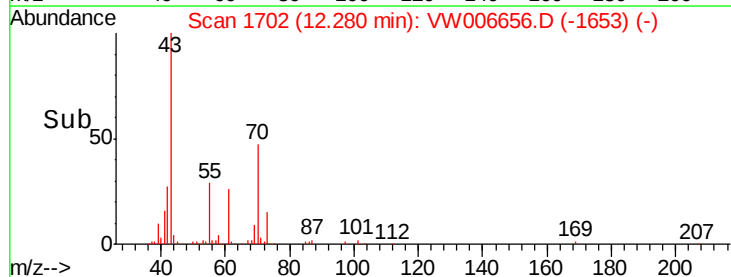
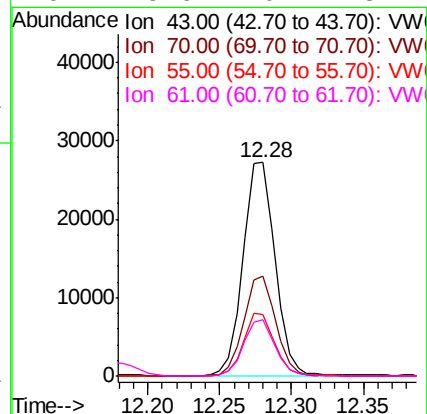
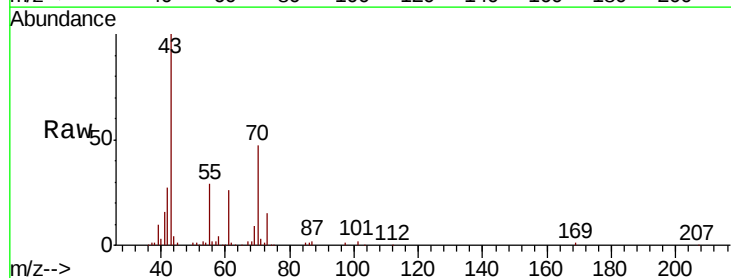
Ion Ratio Lower Upper

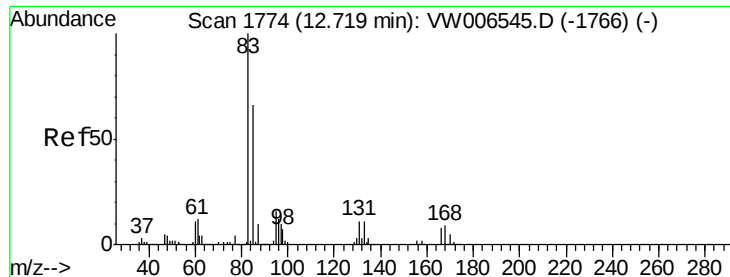
43 100

70 46.8 36.9 55.3

55 28.5 20.7 31.1

61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.163 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

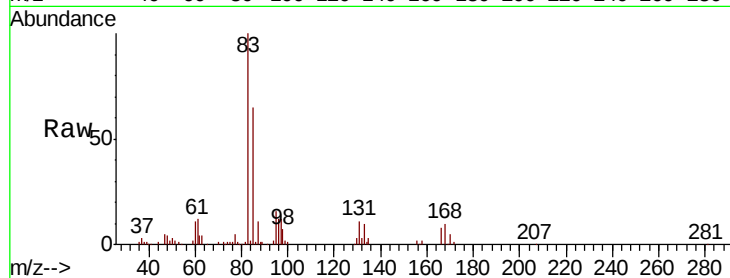
Tgt Ion: 83 Resp: 41273

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

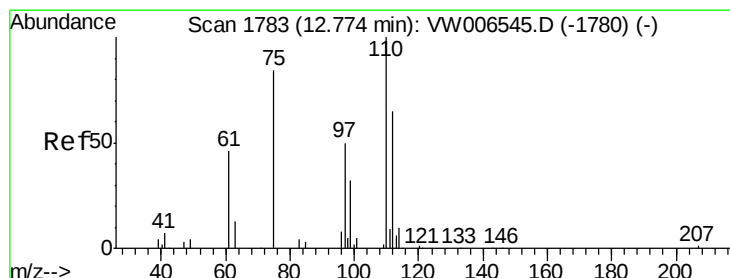
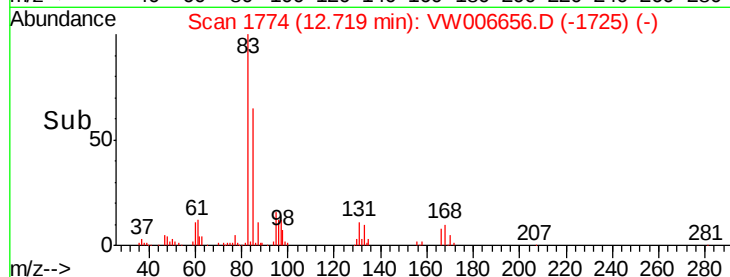
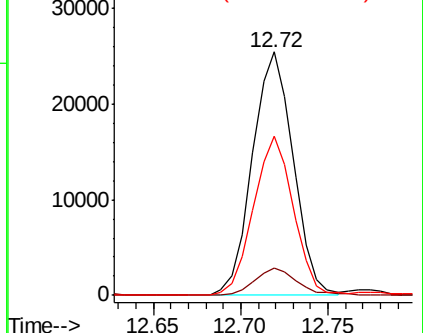
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.290 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006656.D

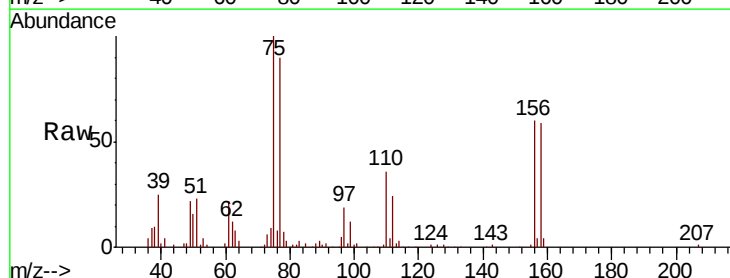
Acq: 06 Nov 2018 01:35

Tgt Ion: 75 Resp: 50680

Ion Ratio Lower Upper

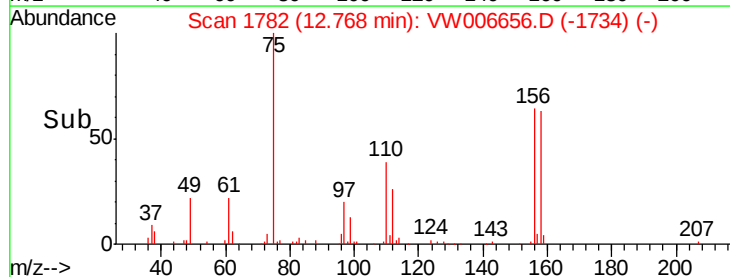
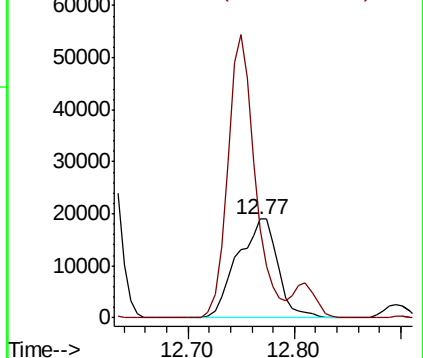
75 100

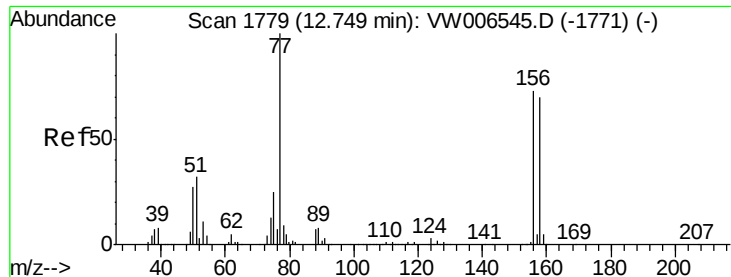
77 194.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.910 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

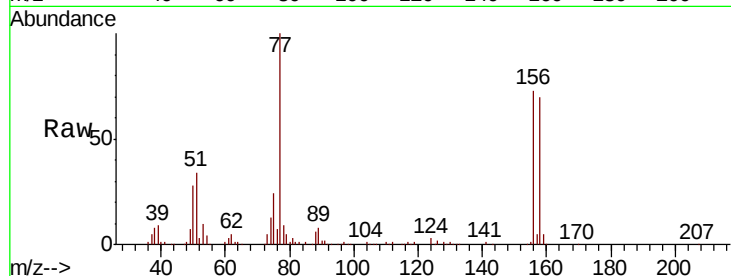
Tgt Ion:156 Resp: 63833

Ion Ratio Lower Upper

156 100

77 154.2 75.9 227.8

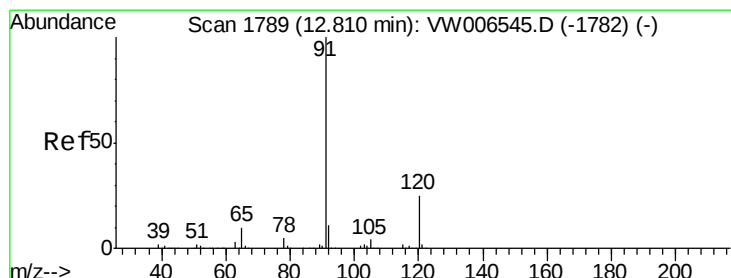
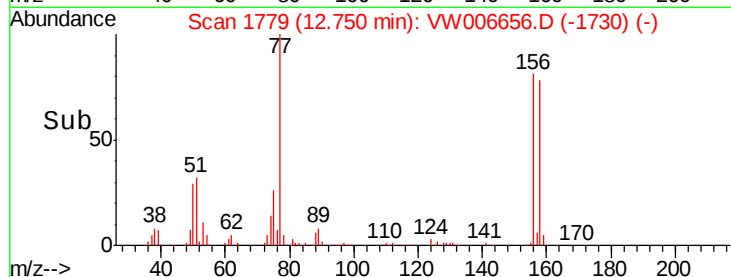
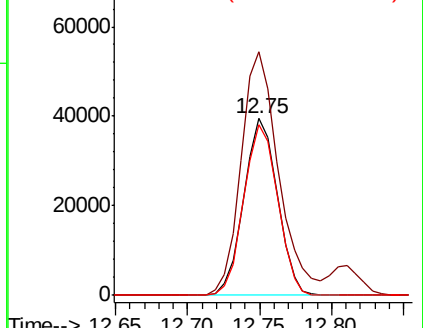
158 97.6 48.6 145.9



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: 19.939 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006656.D

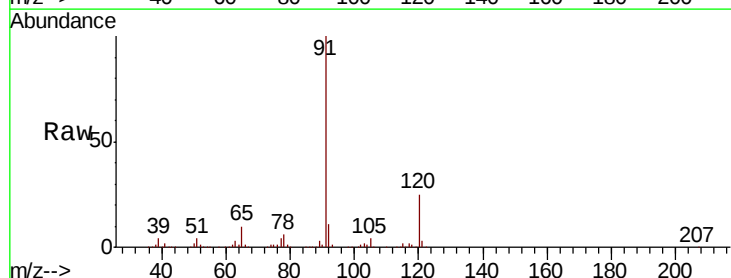
Acq: 06 Nov 2018 01:35

Tgt Ion: 91 Resp: 270408

Ion Ratio Lower Upper

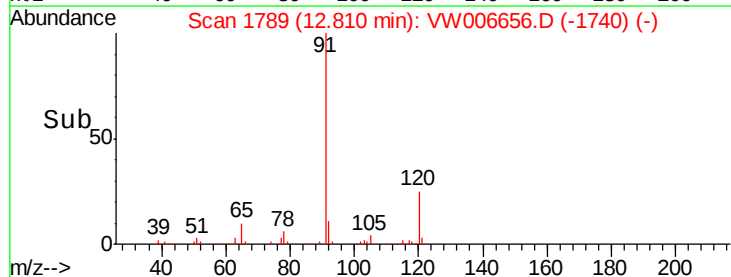
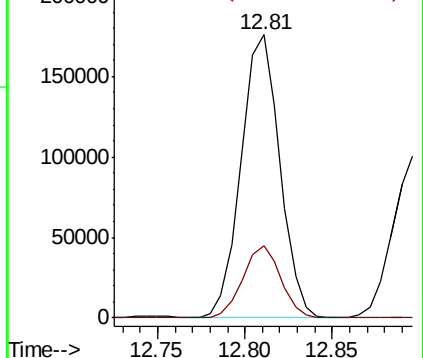
91 100

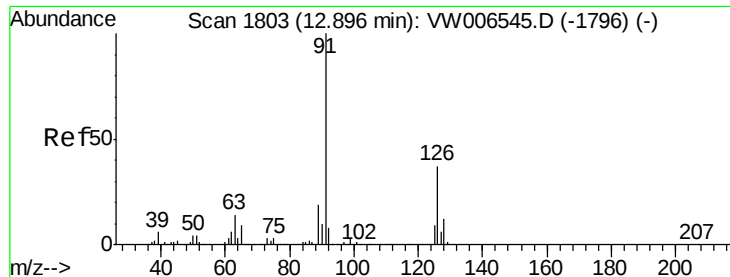
120 24.9 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.332 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

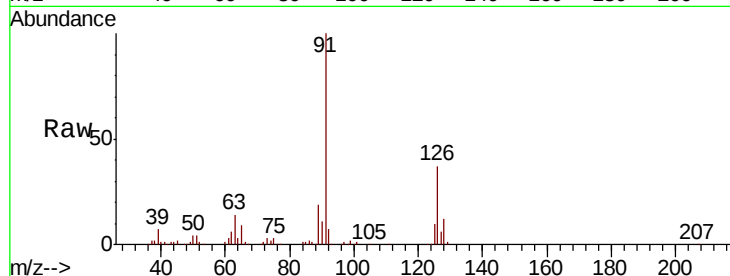
VW1105SBS02

Tgt Ion: 91 Resp: 158250

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

150000

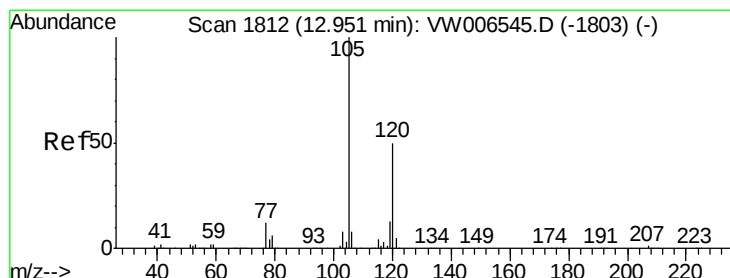
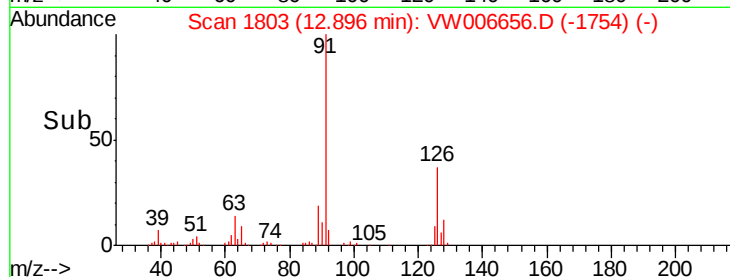
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.384 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006656.D

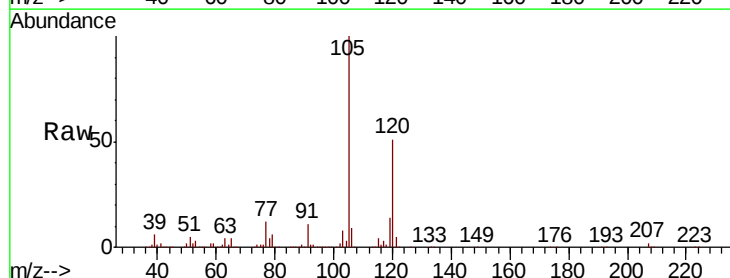
Acq: 06 Nov 2018 01:35

Tgt Ion: 105 Resp: 201918

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

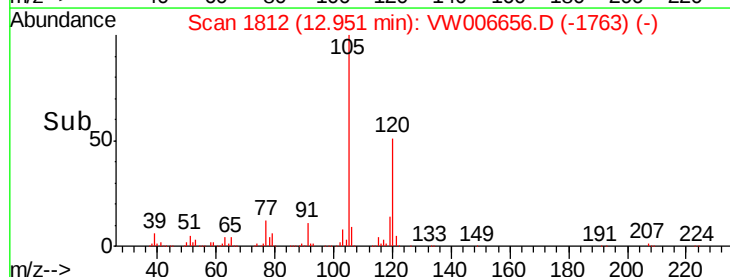
100000

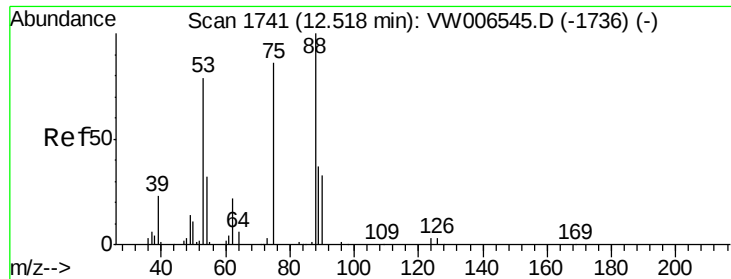
50000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.915 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBSD02

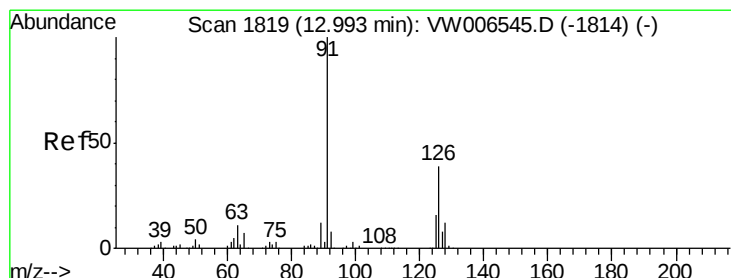
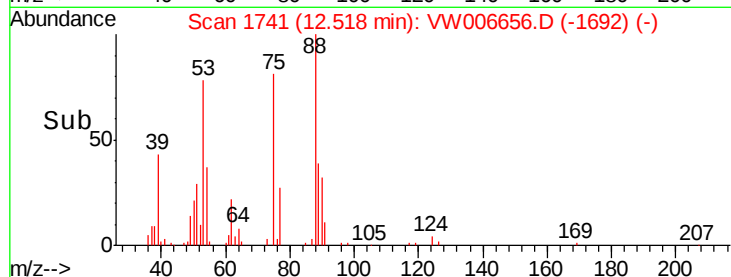
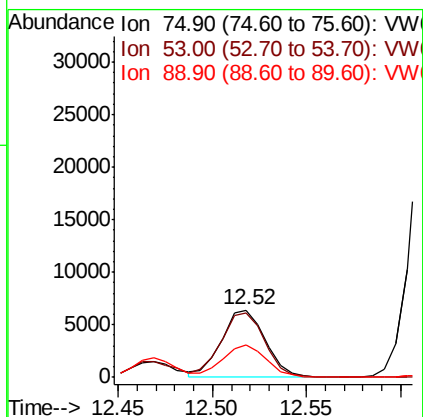
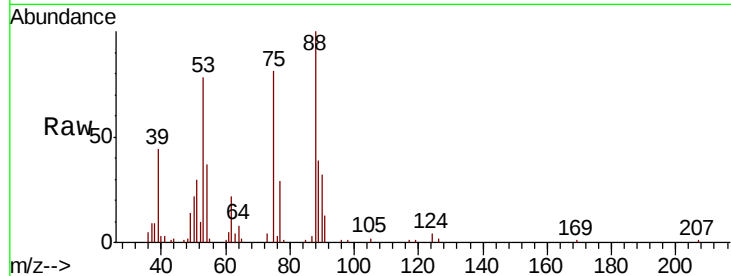
Tgt Ion: 75 Resp: 10397

Ion Ratio Lower Upper

75 100

53 95.5 77.2 115.8

89 48.1 38.6 58.0



#82

4-Chlorotoluene

Concen: 20.573 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006656.D

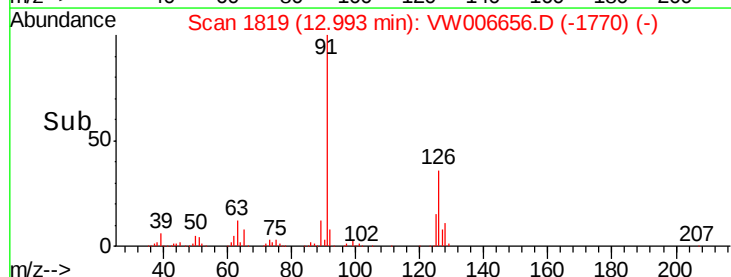
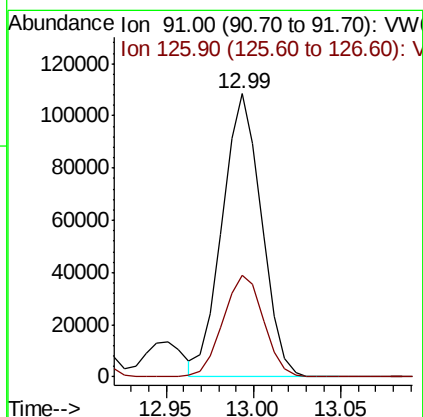
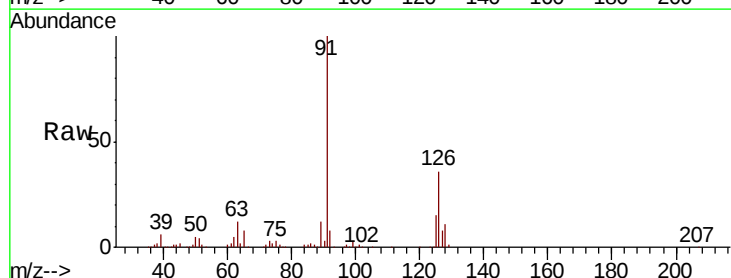
Acq: 06 Nov 2018 01:35

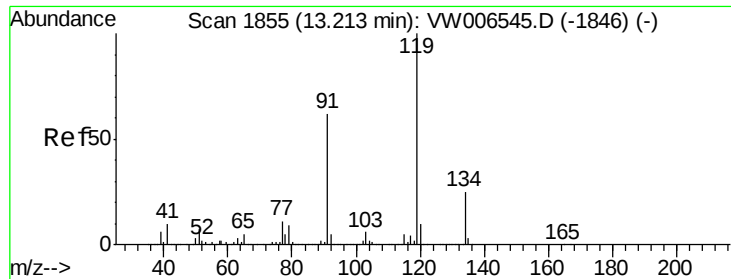
Tgt Ion: 91 Resp: 169403

Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5

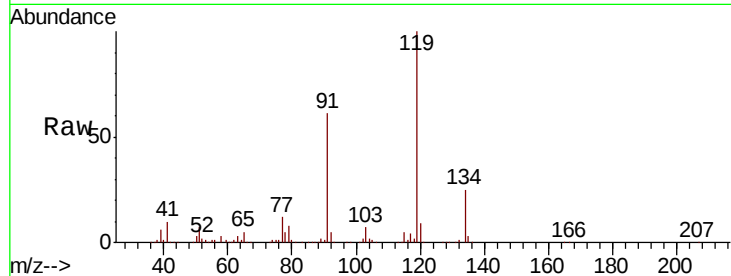




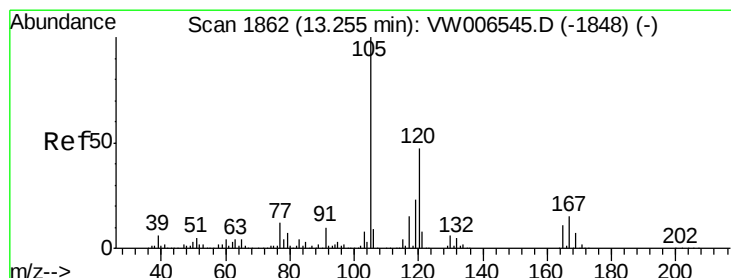
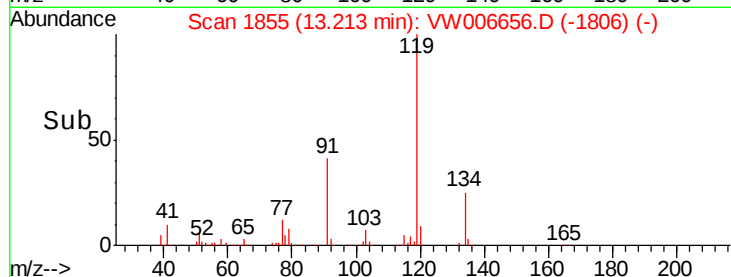
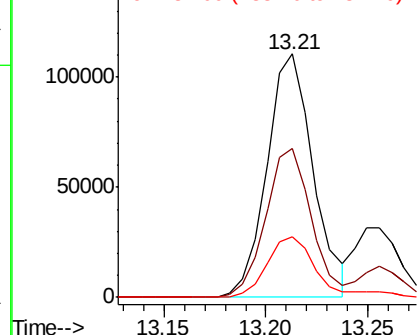
#83
 tert-Butylbenzene
 Concen: 19.760 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

Tgt Ion:119 Resp: 174550
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.4 91.3
 134 27.1 13.5 40.4

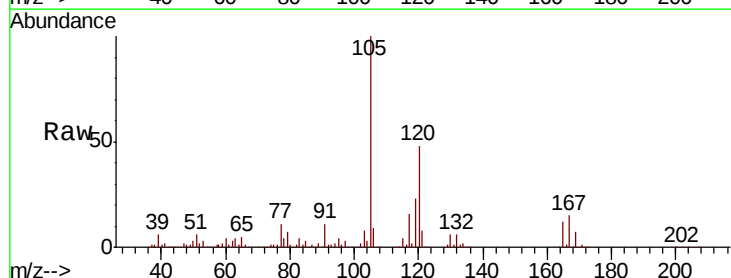


Abundance Ion 119.00 (118.70 to 119.70): V
 150000
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

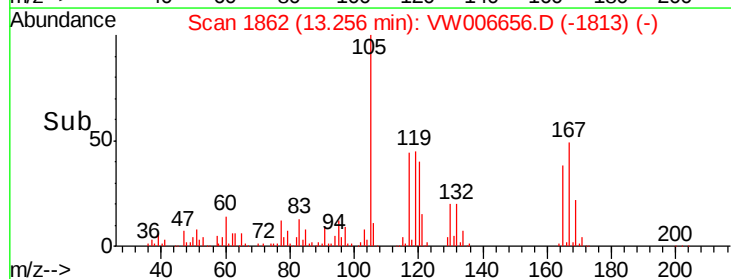
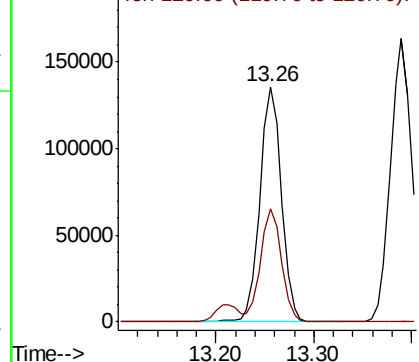


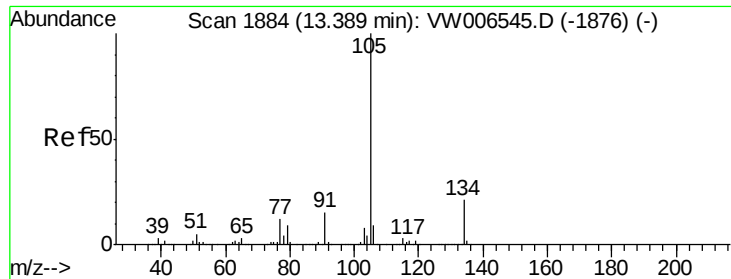
#84
 1,2,4-Trimethylbenzene
 Concen: 20.375 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion:105 Resp: 207019
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 150000
 Ion 120.00 (119.70 to 120.70): V

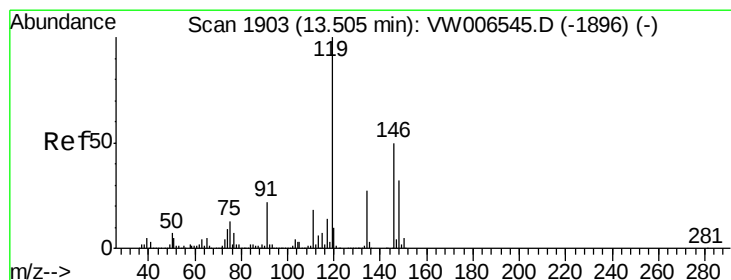
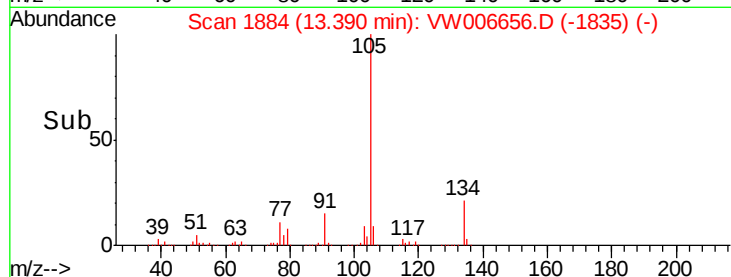
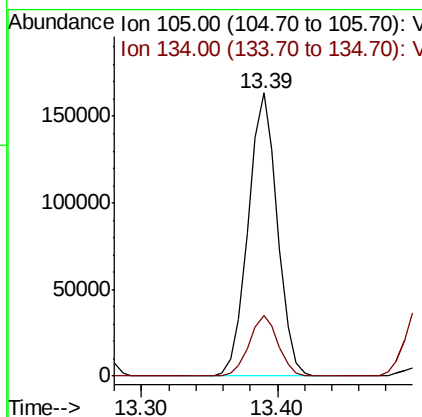
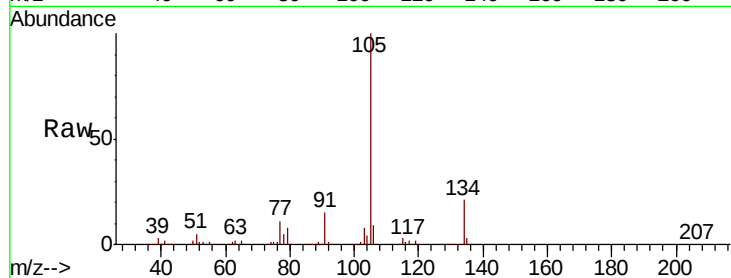




#85
 sec-Butylbenzene
 Concen: 19.836 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

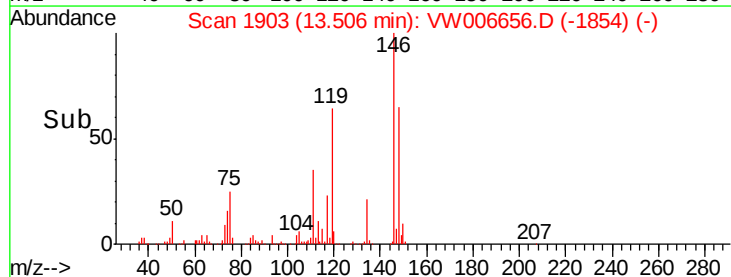
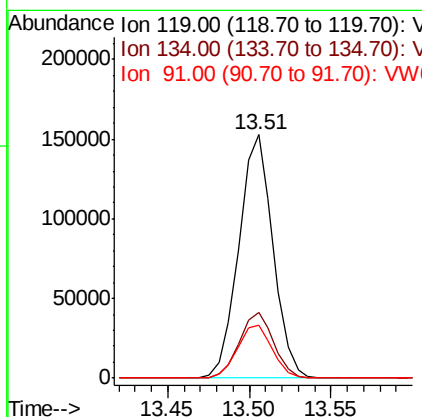
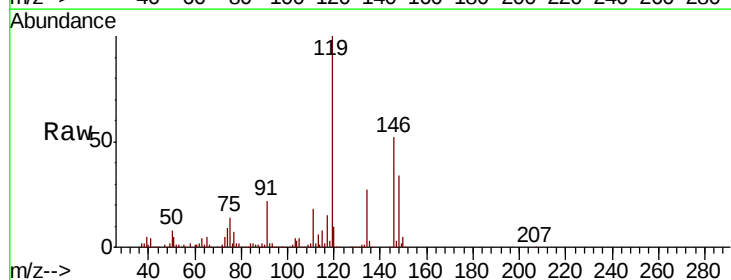
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tgt Ion:105 Resp: 245414
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 19.773 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion:119 Resp: 222599
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.3 10.9 32.6

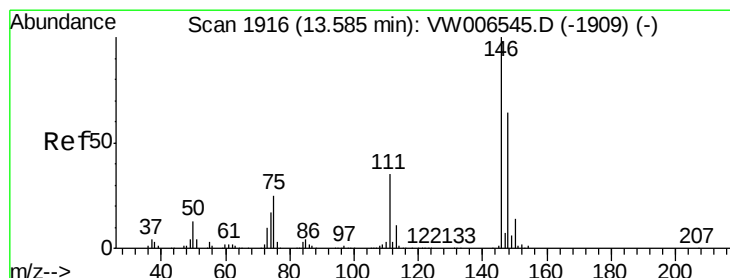
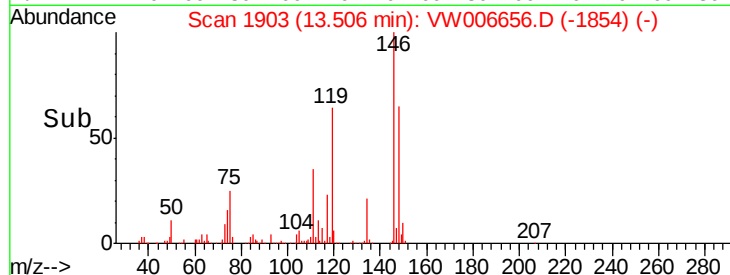
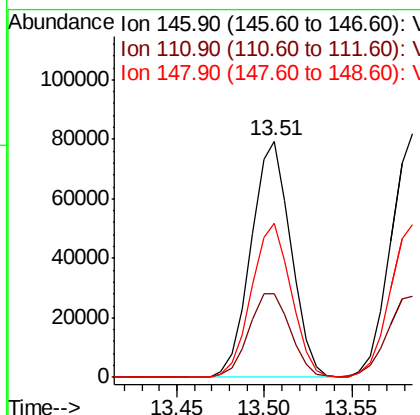
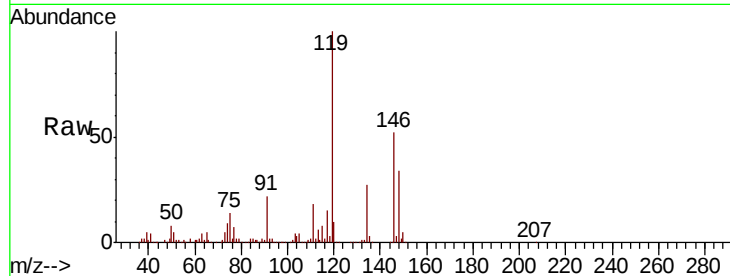




#87
 1,3-Dichlorobenzene
 Concen: 20.871 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

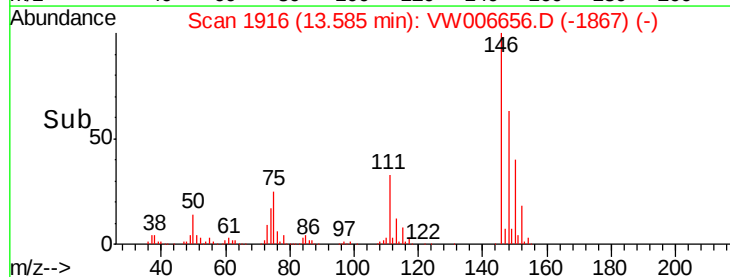
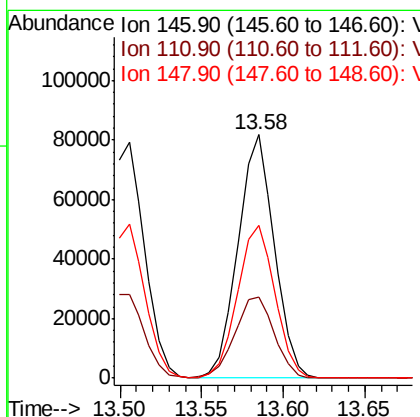
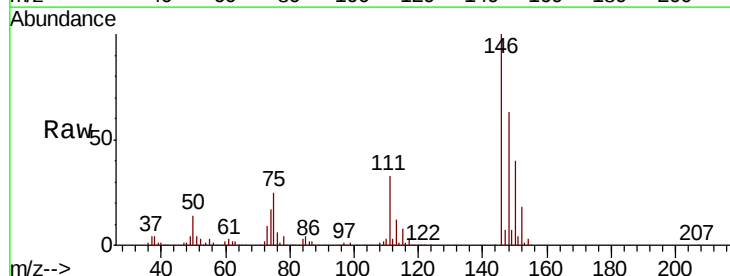
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

Tgt Ion:146 Resp: 125480
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 65.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.296 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion:146 Resp: 126912
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.9 53.7
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.766 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

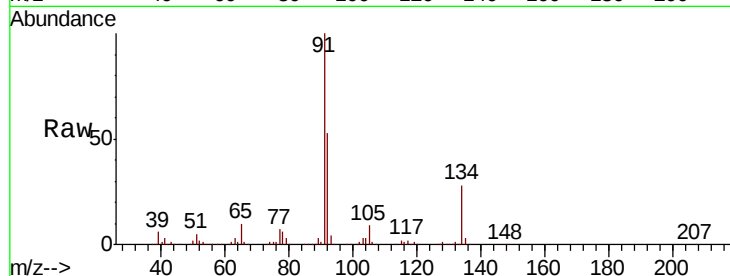
Tgt Ion: 91 Resp: 197525

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

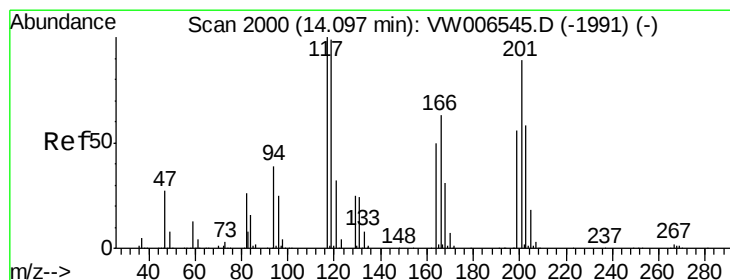
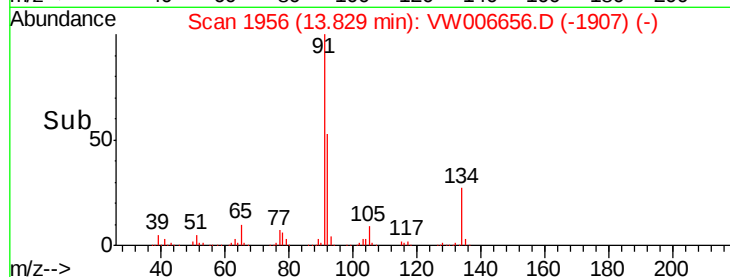
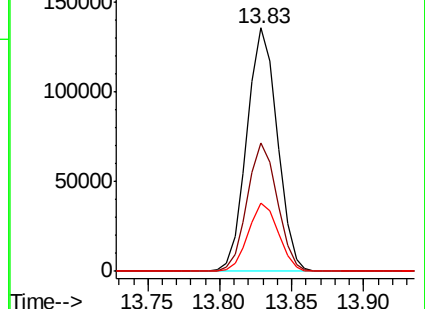
134 27.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.720 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006656.D

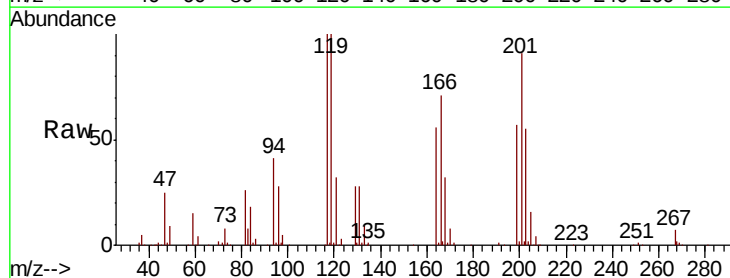
Acq: 06 Nov 2018 01:35

Tgt Ion: 117 Resp: 38336

Ion Ratio Lower Upper

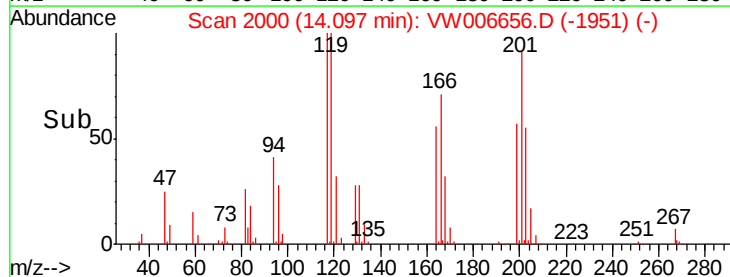
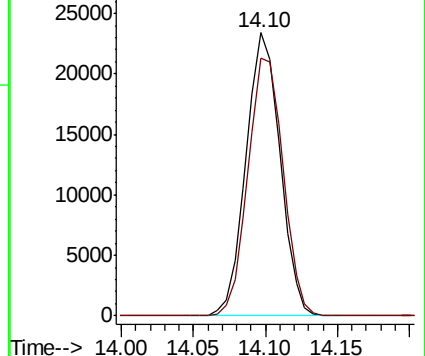
117 100

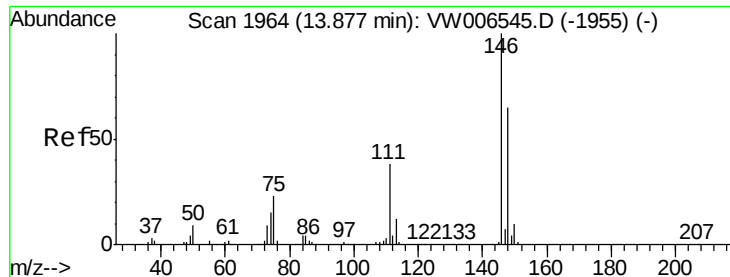
201 94.1 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.221 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

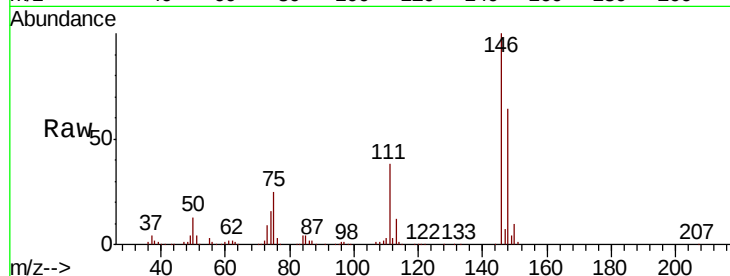
Tgt Ion:146 Resp: 114762

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

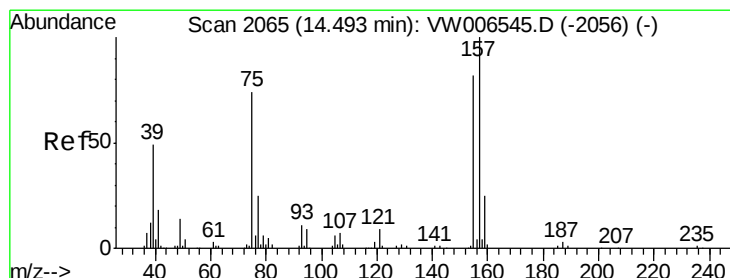
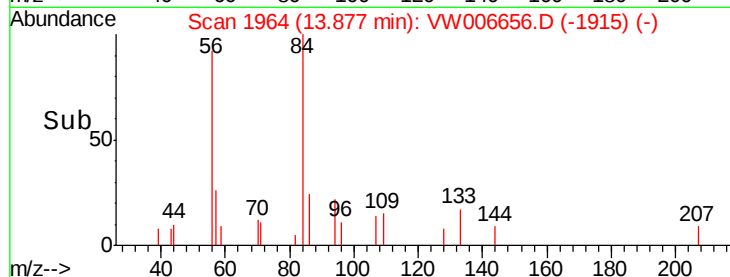
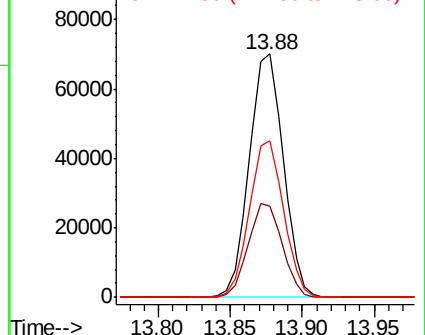
148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.524 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006656.D

Acq: 06 Nov 2018 01:35

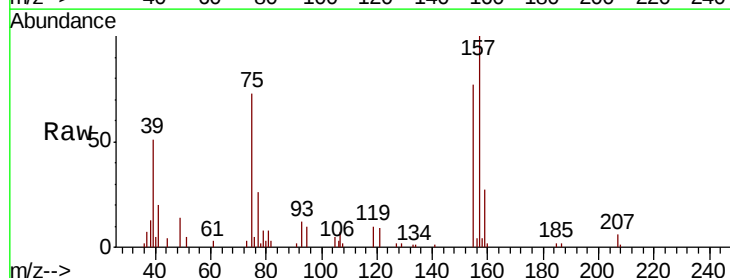
Tgt Ion: 75 Resp: 6504

Ion Ratio Lower Upper

75 100

155 100.2 50.6 151.8

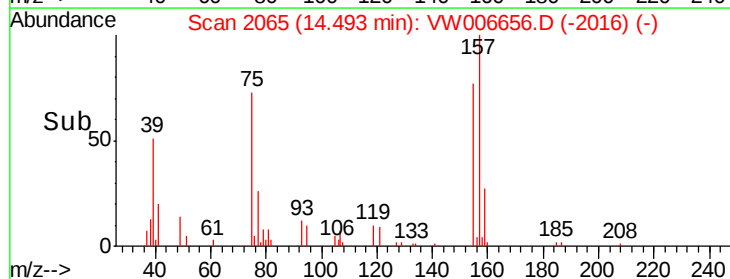
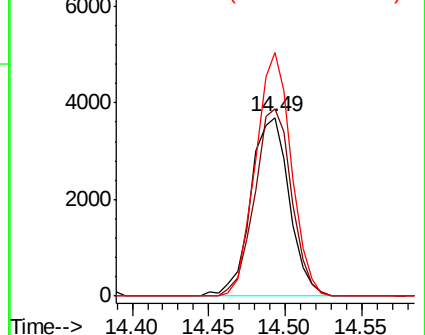
157 125.9 65.0 195.0

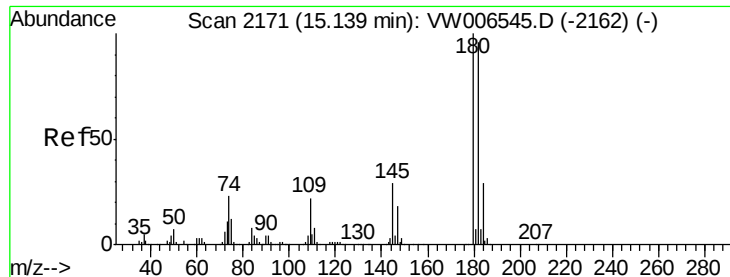


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

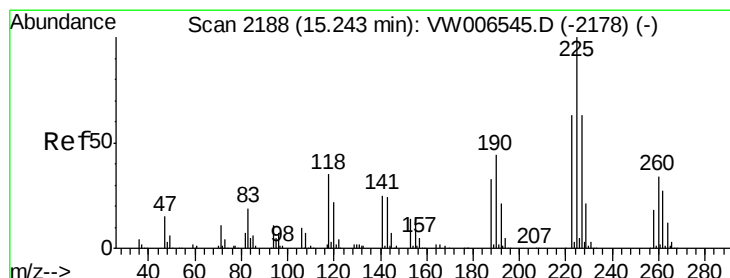
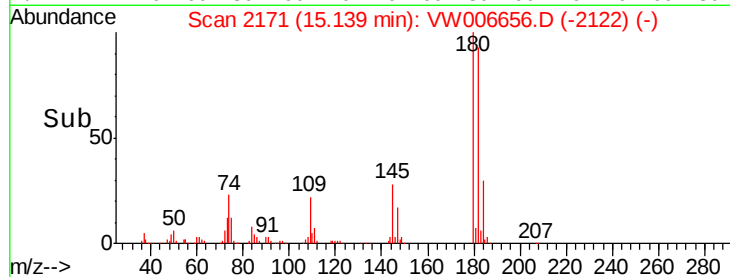
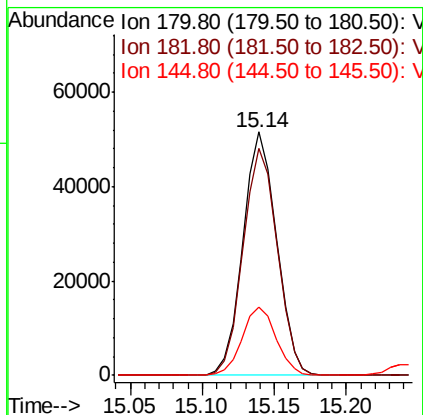
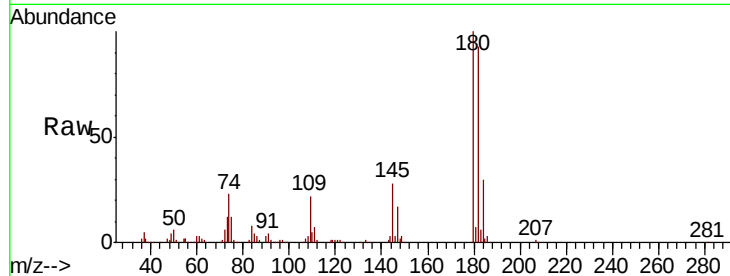




#93
 1,2,4-Trichlorobenzene
 Concen: 20.742 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

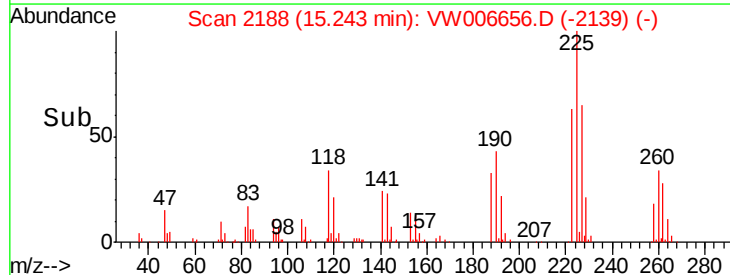
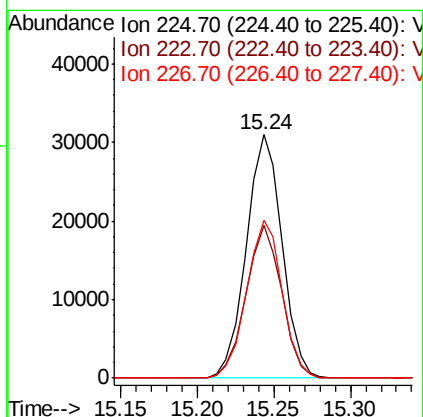
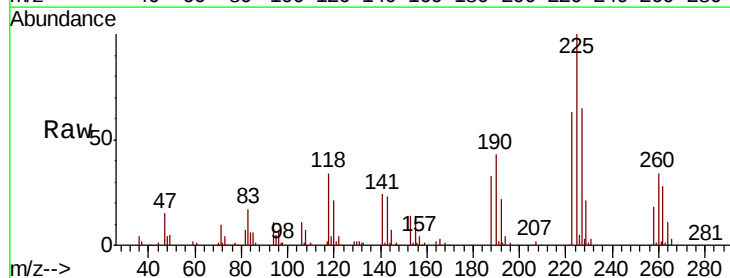
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

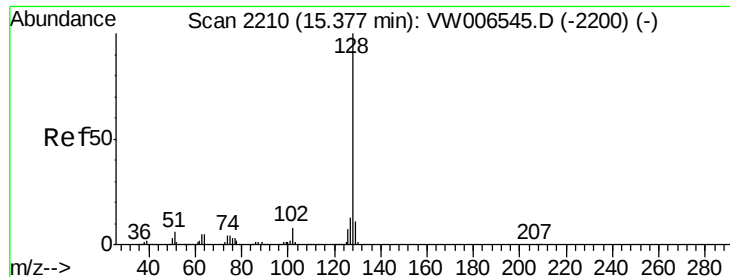
Tgt Ion:180 Resp: 83409
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 28.4 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 20.094 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006656.D
 Acq: 06 Nov 2018 01:35

Tgt Ion:225 Resp: 50360
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 64.4 32.2 96.6

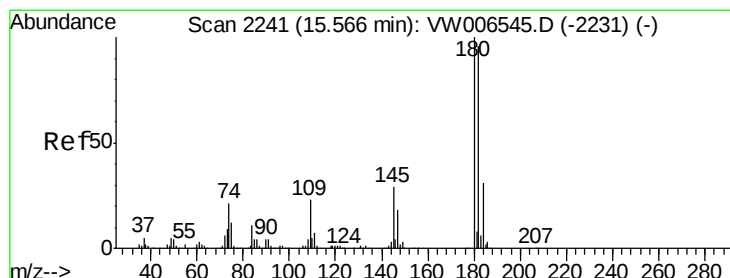
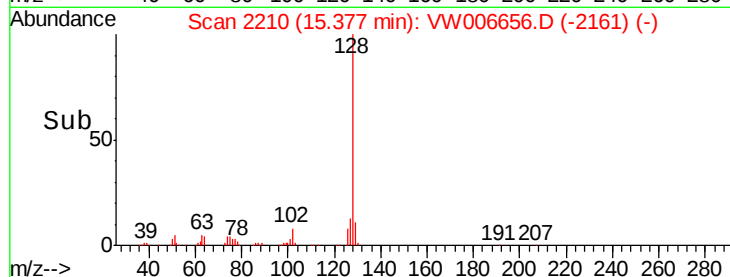
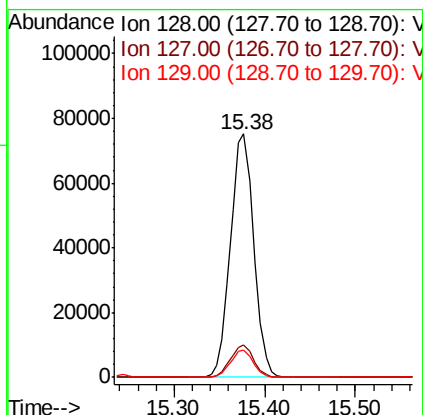
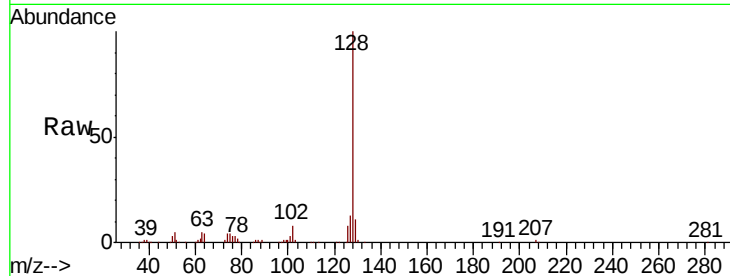




#95
Naphthalene
Concen: 20.782 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tgt Ion:128 Resp: 134313
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.124 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006656.D
Acq: 06 Nov 2018 01:35

Tgt Ion:180 Resp: 74656
Ion Ratio Lower Upper
180 100
182 96.3 48.2 144.6
145 30.0 14.9 44.5

