

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006978.D
 Acq On : 20 Nov 2018 15:55
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 03:07:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83971	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114422	101.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.48%	
35) Dibromofluoromethane	7.89	113	110000	107.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.10%	
50) Toluene-d8	10.33	98	465636	103.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.20%	
62) 4-Bromofluorobenzene	12.62	95	178704	100.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	107146	94.466	ug/l	98
3) Chloromethane	2.21	50	93195	98.595	ug/l	99
4) Vinyl Chloride	2.36	62	92389	99.343	ug/l	99
5) Bromomethane	2.78	94	45585	91.835	ug/l	92
6) Chloroethane	2.92	64	51305	100.077	ug/l	99
7) Trichlorofluoromethane	3.26	101	184496	100.888	ug/l	97
8) Diethyl Ether	3.69	74	57343	97.315	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111488	94.038	ug/l	100
10) Methyl Iodide	4.28	142	152062	112.045	ug/l	100
11) Tert butyl alcohol	5.21	59	36560	506.625	ug/l	94
12) 1,1-Dichloroethene	4.04	96	104626	100.622	ug/l	98
13) Acrolein	3.91	56	35116	467.037	ug/l	99
14) Allyl chloride	4.68	41	176417	102.292	ug/l	100
15) Acrylonitrile	5.38	53	113763	513.673	ug/l	100
16) Acetone	4.14	43	79230	485.213	ug/l	99
17) Carbon Disulfide	4.38	76	360646	107.281	ug/l	98
18) Methyl Acetate	4.68	43	56171	96.597	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	268928	99.052	ug/l	99
20) Methylene Chloride	4.92	84	123162	76.319	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	119292	98.486	ug/l	96
22) Diisopropyl ether	6.32	45	339232	101.058	ug/l	99
23) Vinyl Acetate	6.26	43	913062	512.209	ug/l	99
24) 1,1-Dichloroethane	6.22	63	205859	100.808	ug/l	99
25) 2-Butanone	7.18	43	135947	486.098	ug/l	97
26) 2,2-Dichloropropane	7.17	77	174136	94.826	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	130580	101.234	ug/l	99
28) Bromochloromethane	7.51	49	78028	102.234	ug/l #	98
29) Tetrahydrofuran	7.54	42	90310	498.598	ug/l	100
30) Chloroform	7.68	83	211037	97.274	ug/l	98
31) Cyclohexane	7.96	56	193989	89.560	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	188237	96.328	ug/l	99
36) 1,1-Dichloropropene	8.09	75	169244	95.631	ug/l	99
37) Ethyl Acetate	7.26	43	60677	94.614	ug/l	98
38) Carbon Tetrachloride	8.07	117	164260	96.926	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223078	100.727	ug/l	99
40) Benzene	8.32	78	481496	100.791	ug/l	100
41) Methacrylonitrile	7.49	41	38698	97.165	ug/l	97
42) 1,2-Dichloroethane	8.40	62	135367	97.600	ug/l	100
43) Isopropyl Acetate	8.43	43	126773	103.732	ug/l	98
44) Trichloroethene	9.09	130	132195	98.714	ug/l	96
45) 1,2-Dichloropropane	9.37	63	117050	99.396	ug/l	100
46) Dibromomethane	9.46	93	59506	100.905	ug/l	97
47) Bromodichloromethane	9.65	83	151407	97.446	ug/l	98
48) Methyl methacrylate	9.44	41	60616	102.864	ug/l	99
49) 1,4-Dioxane	9.47	88	17763	2026.546	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	304763	493.457	ug/l	100
52) Toluene	10.39	92	327139	100.624	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	157651	104.742	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	186370	102.490	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	85123	98.108	ug/l	99
56) Ethyl methacrylate	10.65	69	107241	106.481	ug/l	98
57) 1,3-Dichloropropane	10.93	76	145795	100.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	253026	480.778	ug/l	100
59) 2-Hexanone	10.97	43	214092	506.209	ug/l	99
60) Dibromochloromethane	11.13	129	104831	106.034	ug/l	100
61) 1,2-Dibromoethane	11.24	107	81448	102.617	ug/l	99
64) Tetrachloroethene	10.87	164	110077	99.763	ug/l	99
65) Chlorobenzene	11.66	112	357997	100.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	111159	102.650	ug/l	99
67) Ethyl Benzene	11.73	91	655284	99.645	ug/l	98
68) m/p-Xylenes	11.84	106	510025	197.681	ug/l	99
69) o-Xylene	12.17	106	240811	98.986	ug/l	99
70) Styrene	12.18	104	393025	101.506	ug/l	100
71) Bromoform	12.35	173	54175	106.198	ug/l #	100
73) Isopropylbenzene	12.47	105	657805	100.796	ug/l	100
74) N-amyl acetate	12.27	43	116146	106.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	88168	101.516	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	122746	112.938	ug/l #	100
77) Bromobenzene	12.75	156	140877	100.505	ug/l	99
78) n-propylbenzene	12.81	91	794387	100.490	ug/l	99
79) 2-Chlorotoluene	12.90	91	458003	100.483	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	576229	102.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	27572	104.908	ug/l	98
82) 4-Chlorotoluene	12.99	91	480602	100.477	ug/l	100
83) tert-Butylbenzene	13.21	119	492678	100.835	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	578035	102.805	ug/l	100
85) sec-Butylbenzene	13.39	105	694891	100.671	ug/l	99
86) p-Isopropyltoluene	13.51	119	613300	100.713	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	282466	98.709	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	285430	100.042	ug/l	100
89) n-Butylbenzene	13.83	91	590071	102.967	ug/l	100
90) Hexachloroethane	14.10	117	95384	107.288	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249200	99.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15675	106.861	ug/l	94

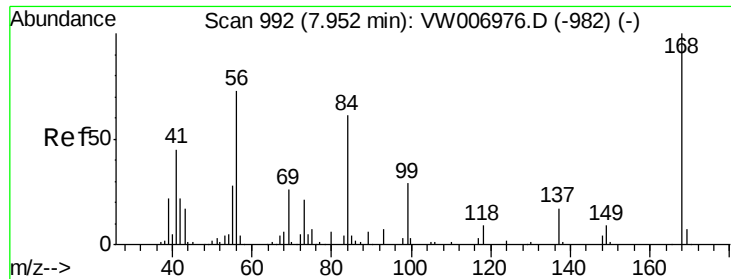
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	172404	104.271	ug/l	99
94) Hexachlorobutadiene	15.24	225	90318	100.481	ug/l	99
95) Naphthalene	15.37	128	315597	105.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	143738	104.786	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

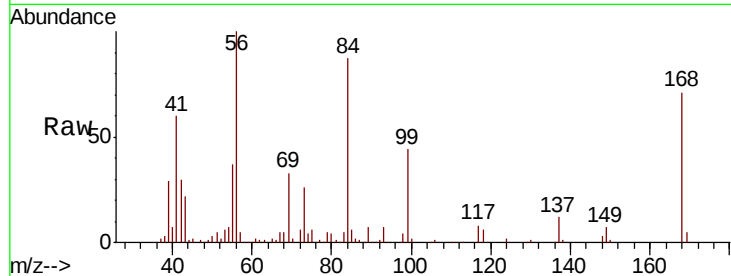
VSTDIC100

Tgt Ion:168 Resp: 114877

Ion Ratio Lower Upper

168 100

99 62.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

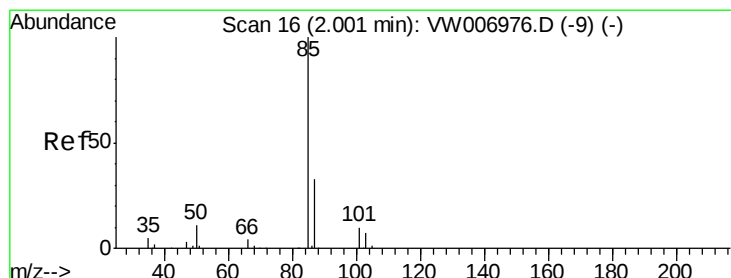
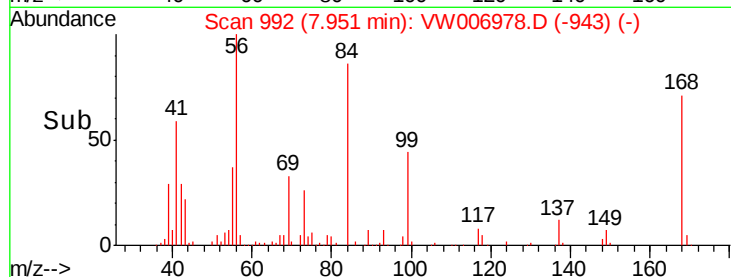
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 94.466 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006978.D

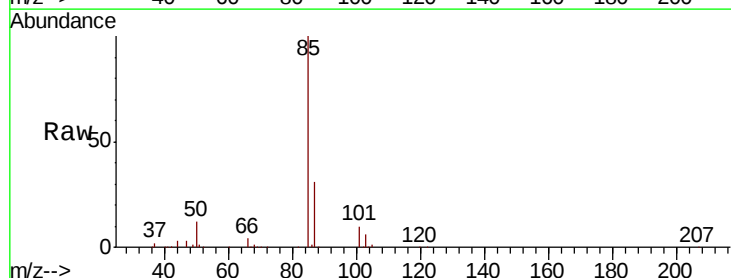
Acq: 20 Nov 2018 15:55

Tgt Ion: 85 Resp: 107146

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

40000

20000

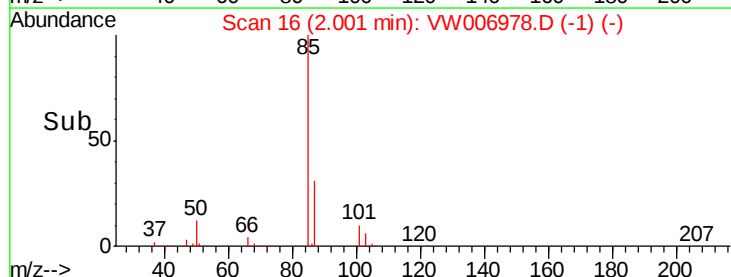
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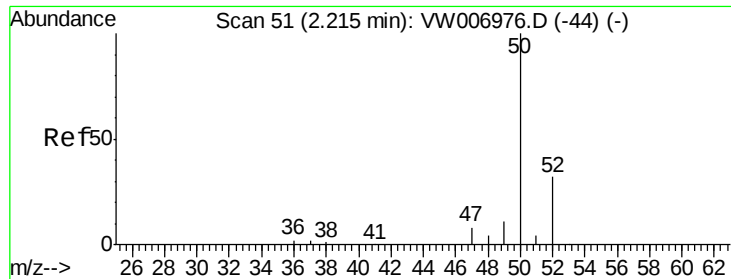
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 98.595 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

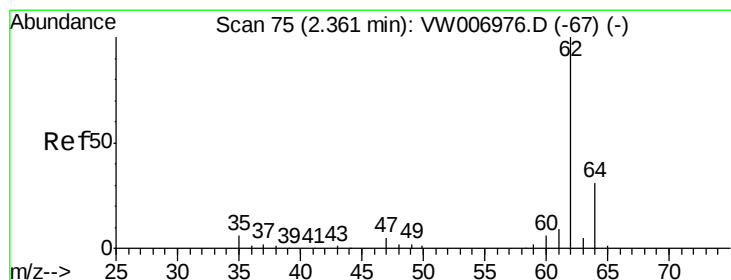
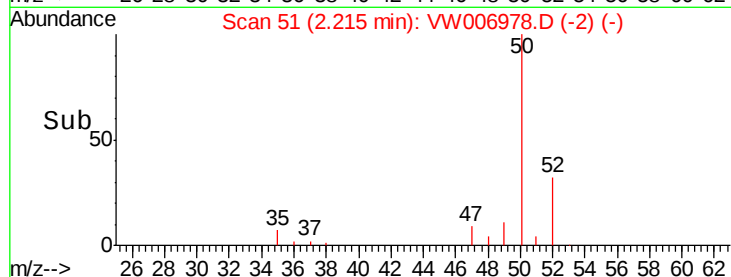
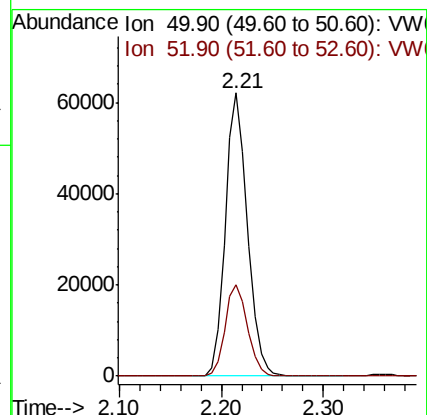
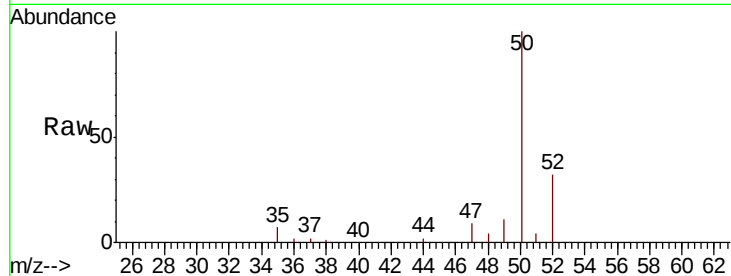
VSTDIC100

Tgt Ion: 50 Resp: 93195

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 99.343 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006978.D

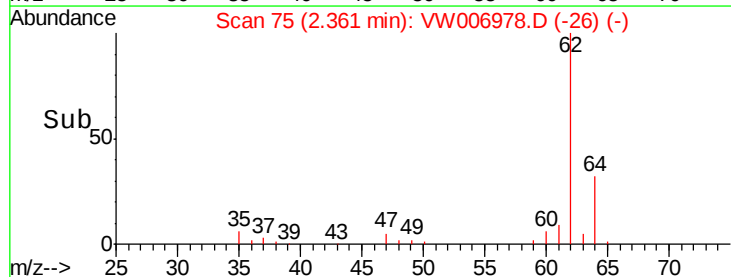
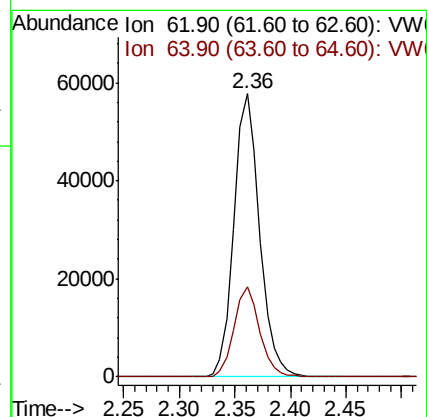
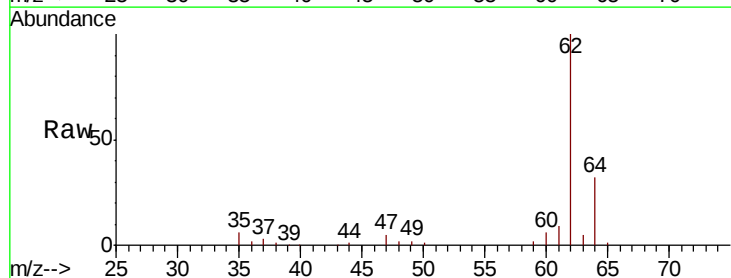
Acq: 20 Nov 2018 15:55

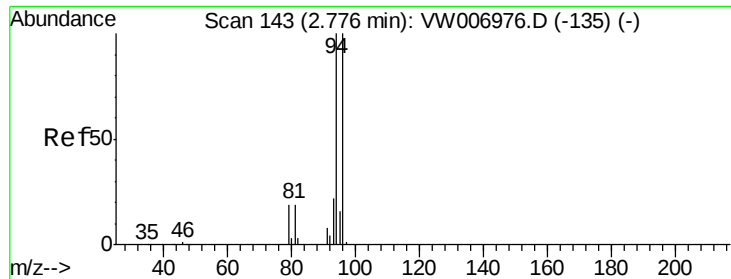
Tgt Ion: 62 Resp: 92389

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 91.835 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

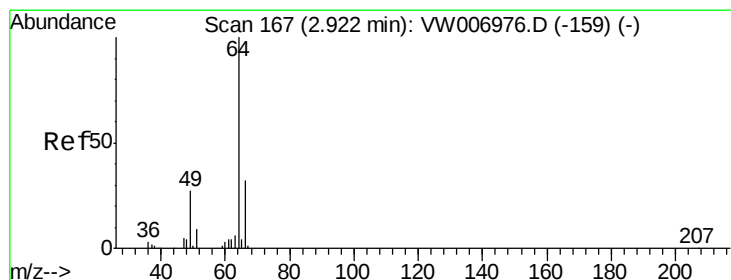
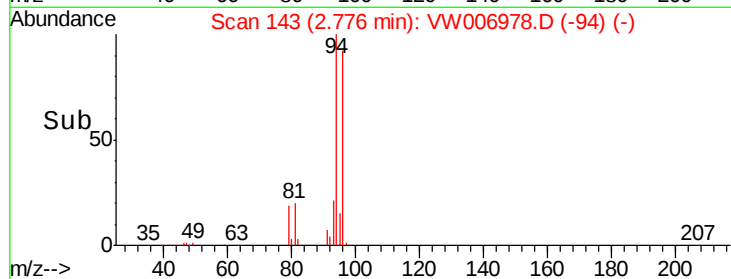
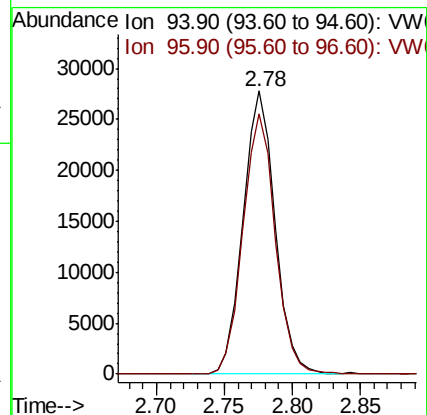
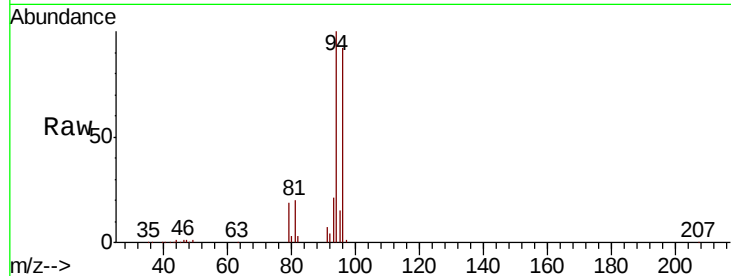
VSTDIC100

Tgt Ion: 94 Resp: 45585

Ion Ratio Lower Upper

94 100

96 92.1 80.2 120.2



#6

Chloroethane

Concen: 100.077 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006978.D

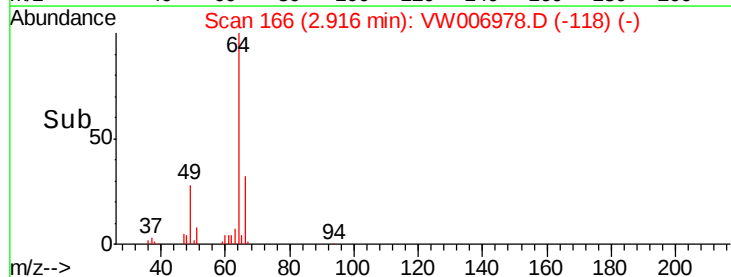
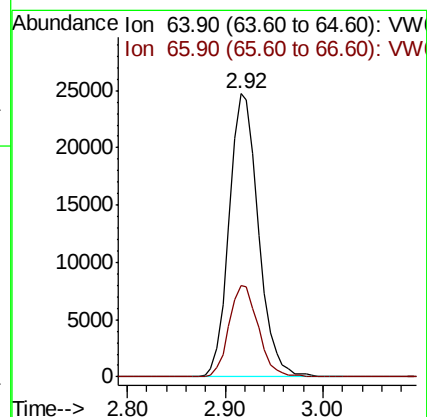
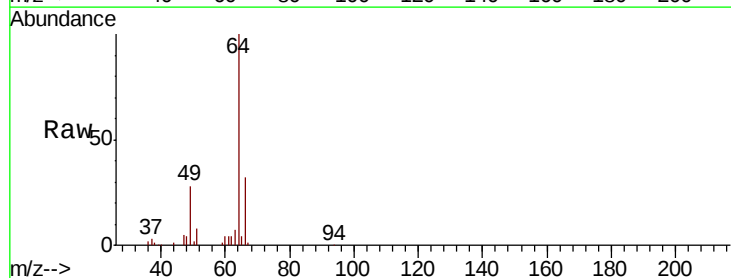
Acq: 20 Nov 2018 15:55

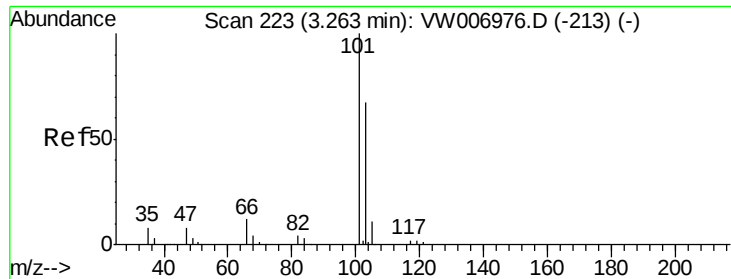
Tgt Ion: 64 Resp: 51305

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



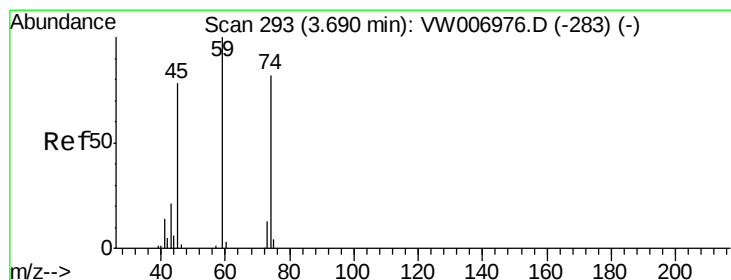
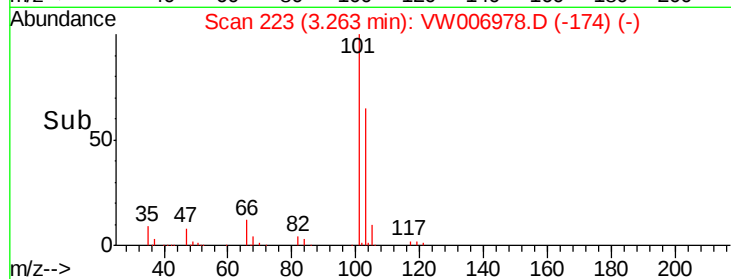
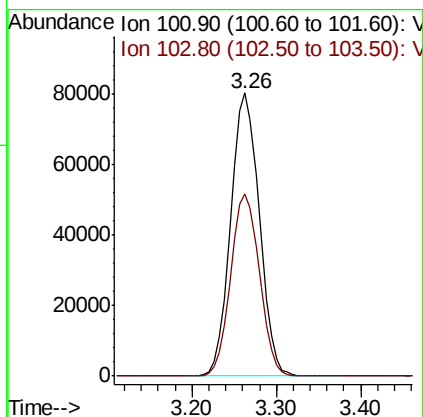
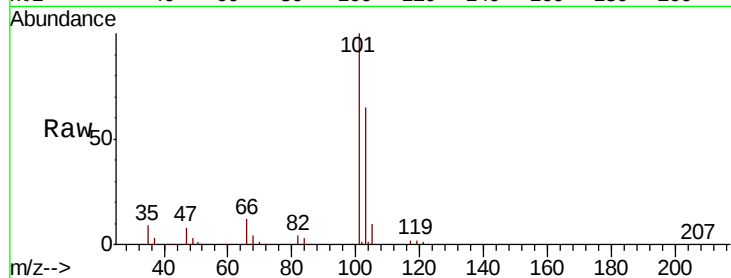


#7

Trichlorofluoromethane
 Concen: 100.888 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Instrument :
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 ClientSampleId :
 VSTDIC100

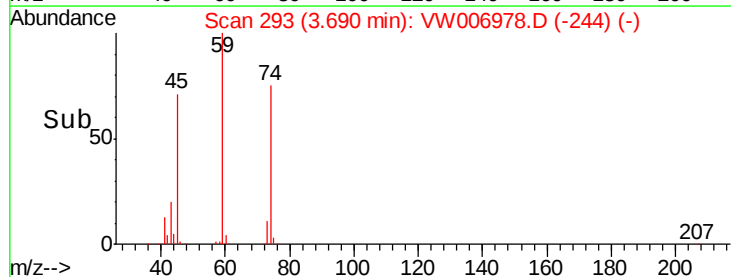
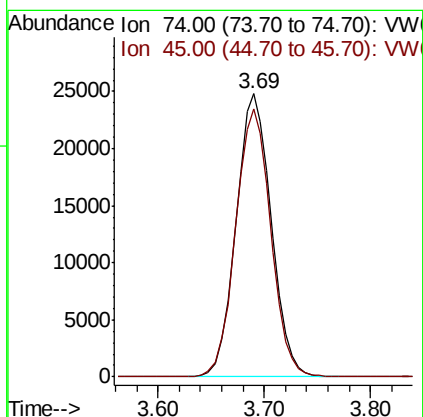
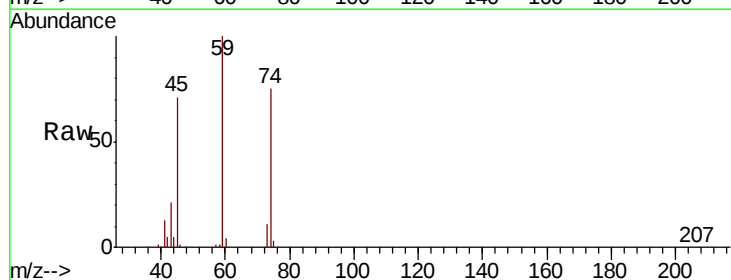
Tgt Ion:101 Resp: 184496
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.4 80.2

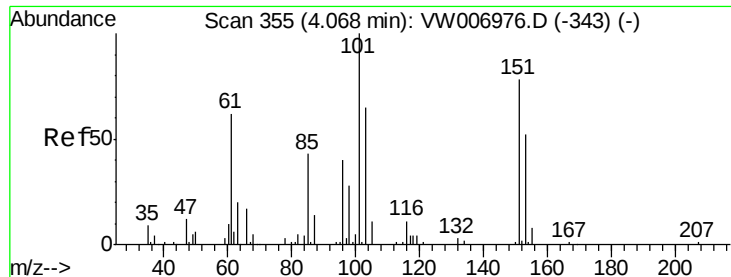


#8

Diethyl Ether
 Concen: 97.315 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion: 74 Resp: 57343
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.038 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

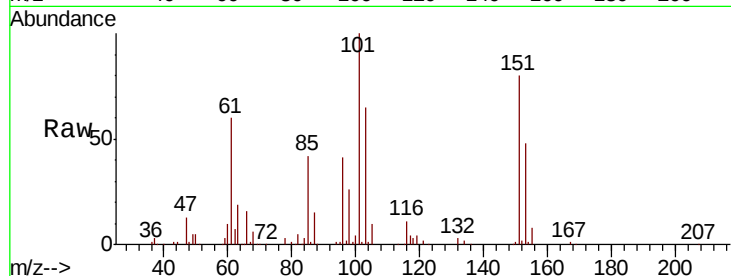
Tgt Ion:101 Resp: 111488

Ion Ratio Lower Upper

101 100

85 42.8 34.3 51.5

151 78.7 63.4 95.2

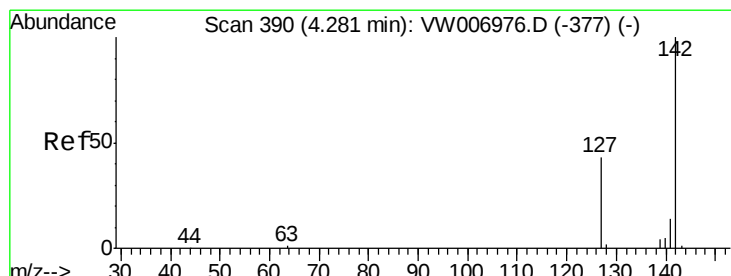
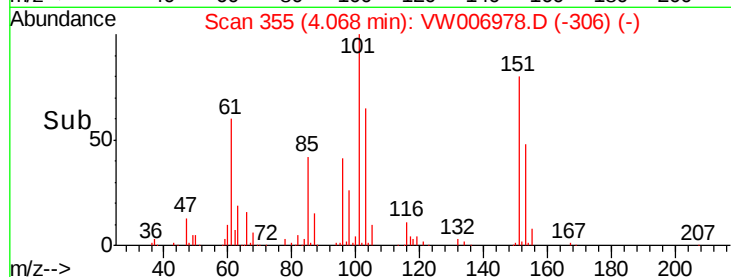
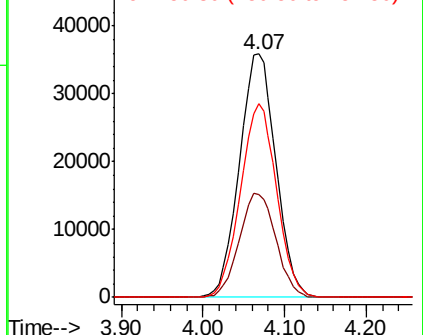


Abundance

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: 112.045 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

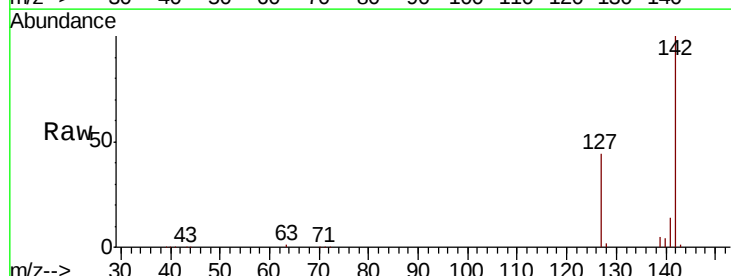
Tgt Ion:142 Resp: 152062

Ion Ratio Lower Upper

142 100

127 43.9 35.3 52.9

141 14.7 11.7 17.5

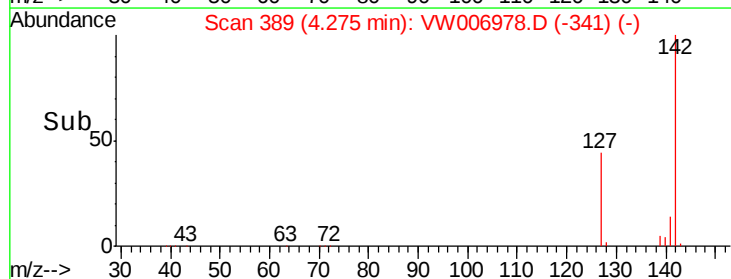
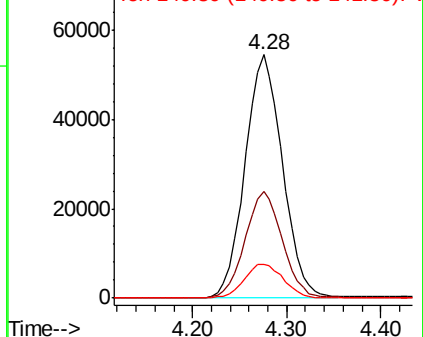


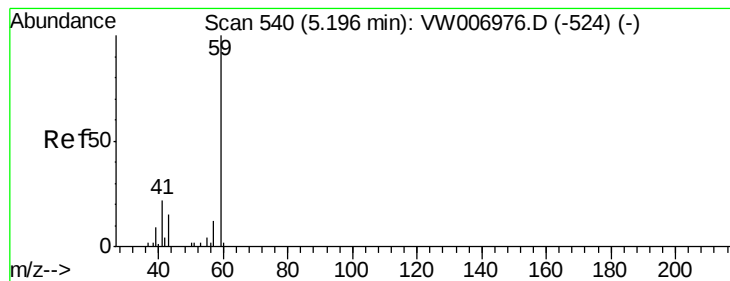
Abundance

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



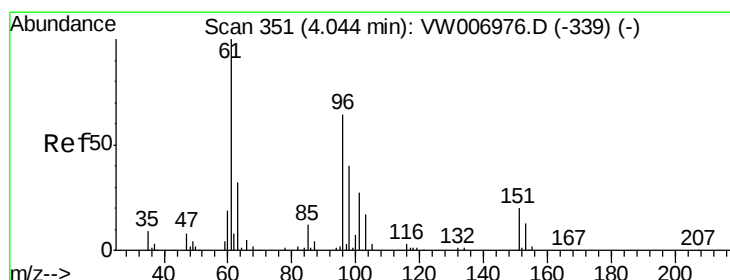
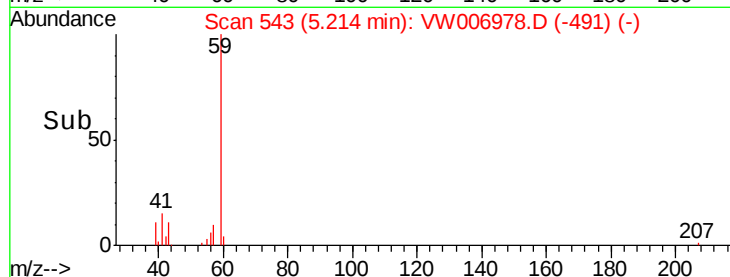
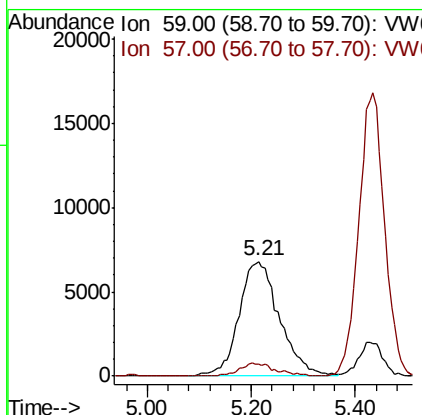
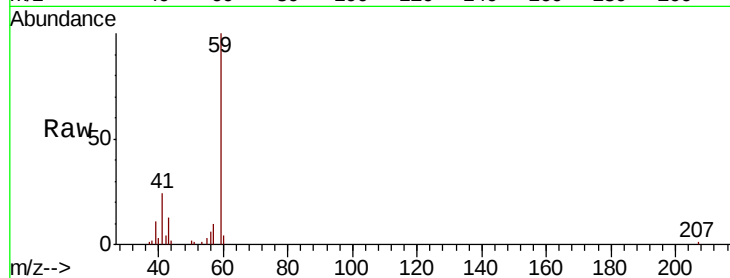


#11

Tert butyl alcohol
 Concen: 506.625 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

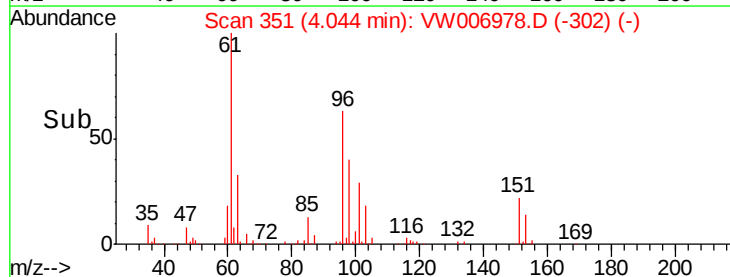
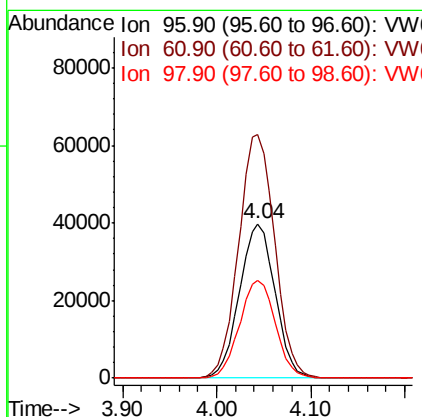
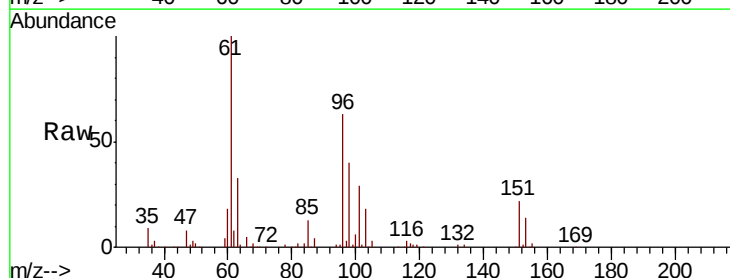
Tgt Ion: 59 Resp: 36560
 Ion Ratio Lower Upper
 59 100
 57 8.7 8.6 13.0

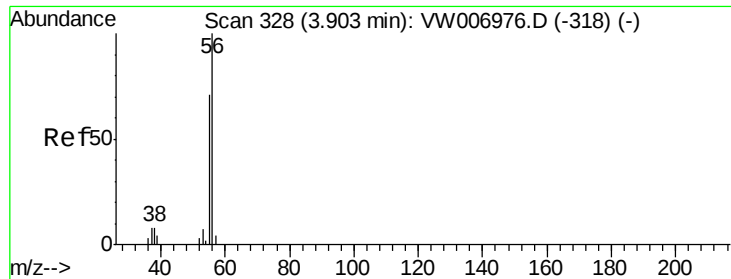


#12

1,1-Dichloroethene
 Concen: 100.622 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion: 96 Resp: 104626
 Ion Ratio Lower Upper
 96 100
 61 157.7 124.3 186.5
 98 63.0 49.4 74.2





#13

Acrolein

Concen: 467.037 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

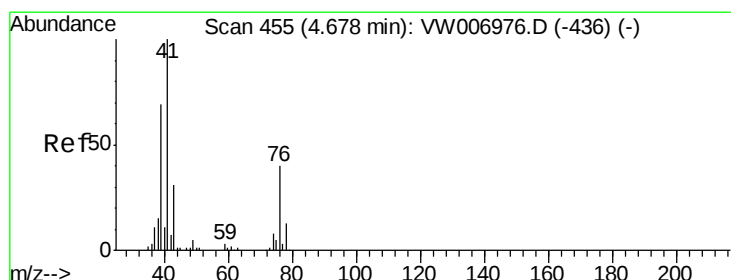
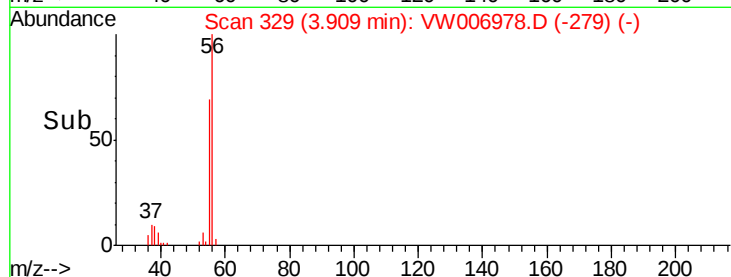
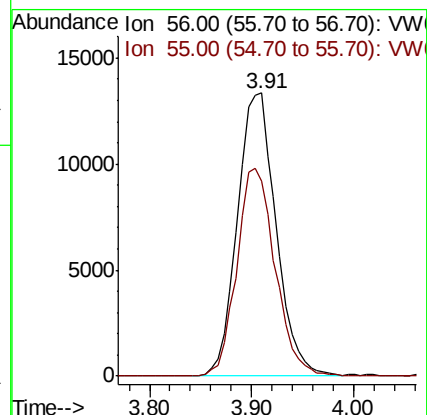
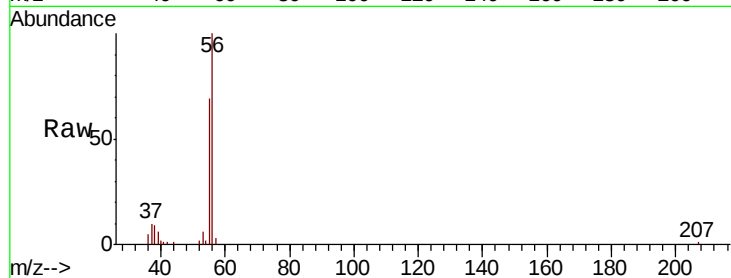
VSTDIC100

Tgt Ion: 56 Resp: 35116

Ion Ratio Lower Upper

56 100

55 72.6 57.5 86.3



#14

Allyl chloride

Concen: 102.292 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

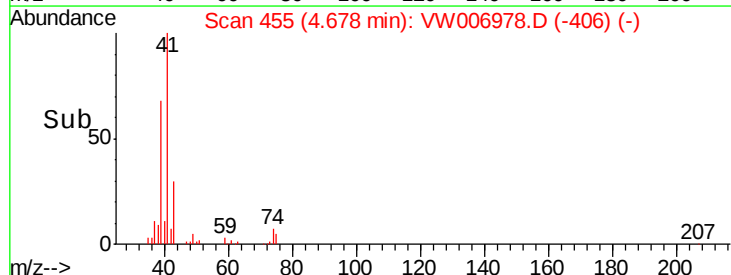
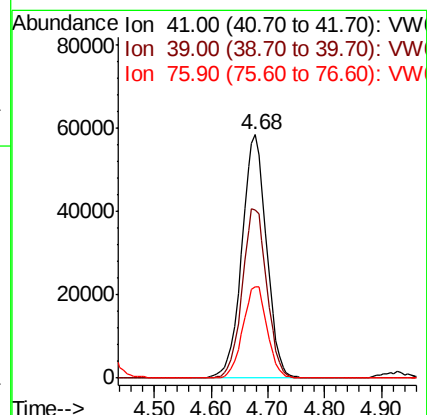
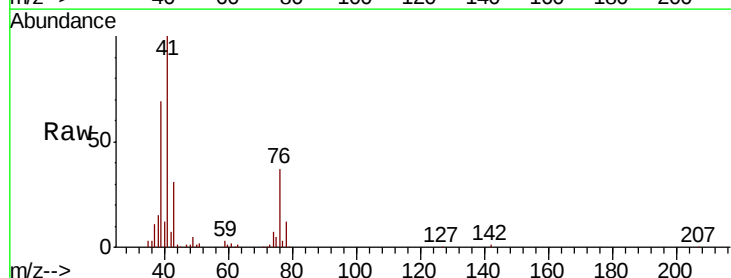
Tgt Ion: 41 Resp: 176417

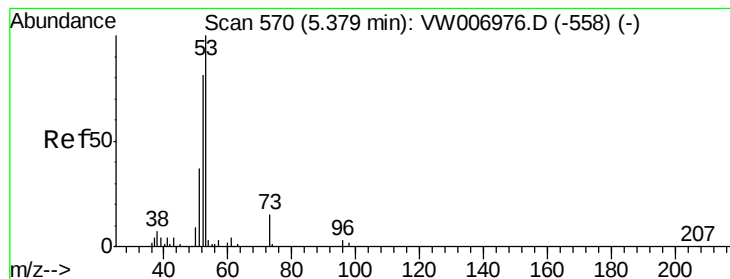
Ion Ratio Lower Upper

41 100

39 69.4 55.4 83.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 513.673 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

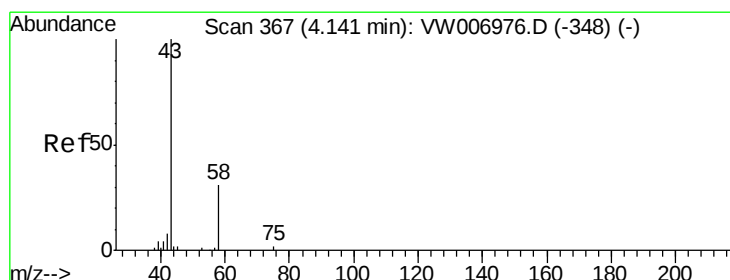
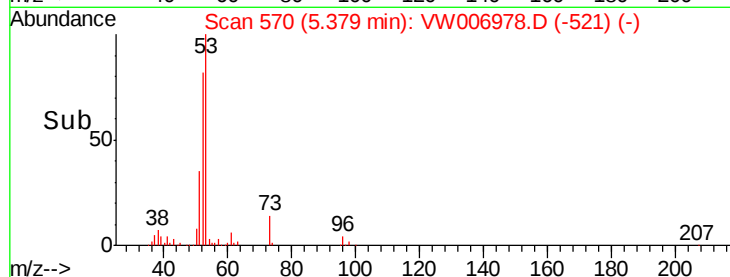
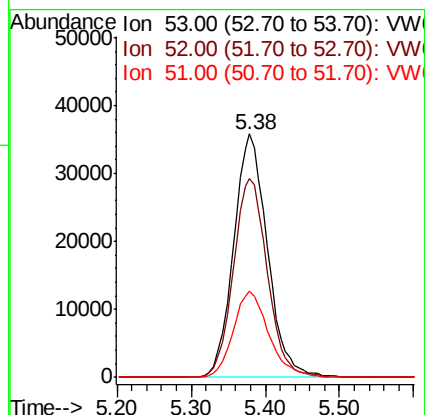
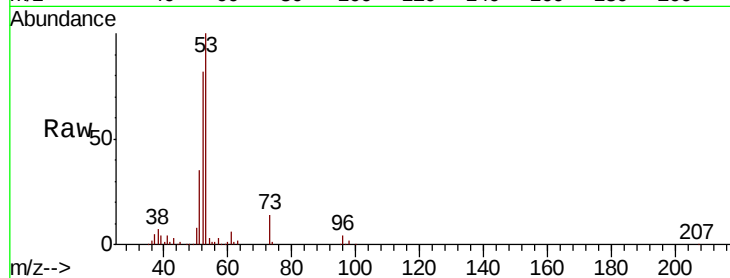
Tgt Ion: 53 Resp: 113763

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

51 37.3 29.9 44.9



#16

Acetone

Concen: 485.213 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006978.D

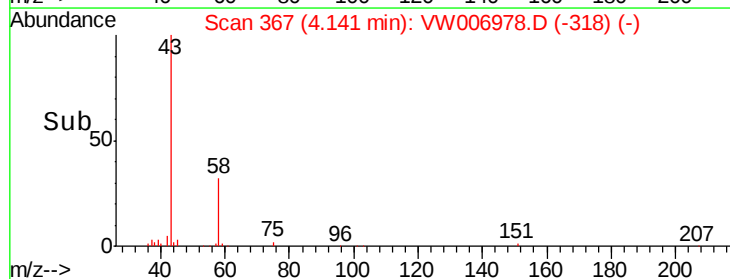
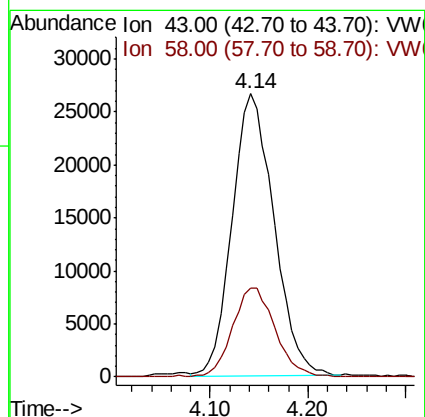
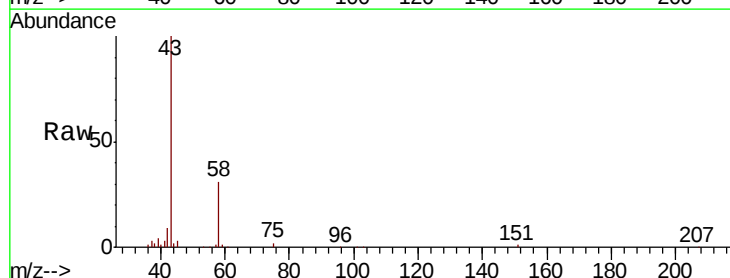
Acq: 20 Nov 2018 15:55

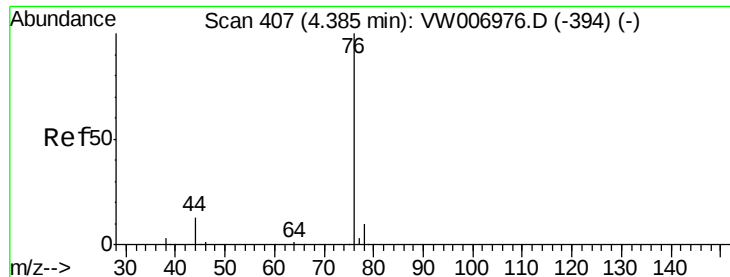
Tgt Ion: 43 Resp: 79230

Ion Ratio Lower Upper

43 100

58 31.5 24.8 37.2





#17

Carbon Disulfide

Concen: 107.281 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

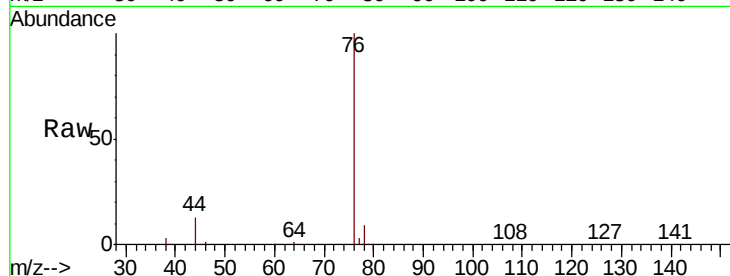
VSTDIC100

Tgt Ion: 76 Resp: 360646

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

150000

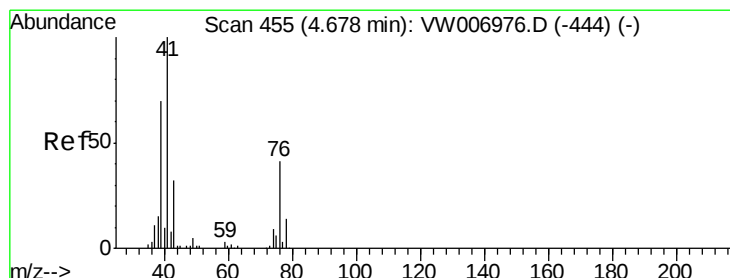
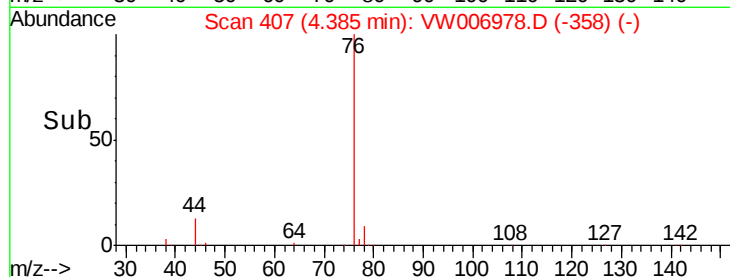
4.38

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 96.597 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006978.D

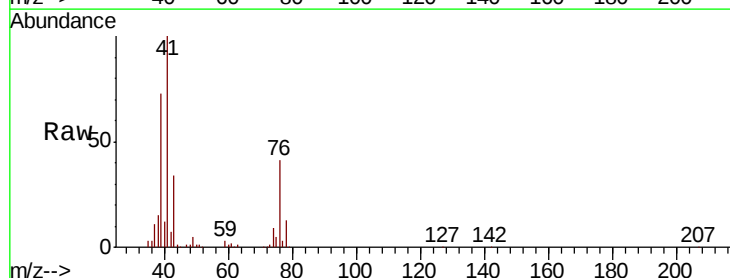
Acq: 20 Nov 2018 15:55

Tgt Ion: 43 Resp: 56171

Ion Ratio Lower Upper

43 100

74 25.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

20000

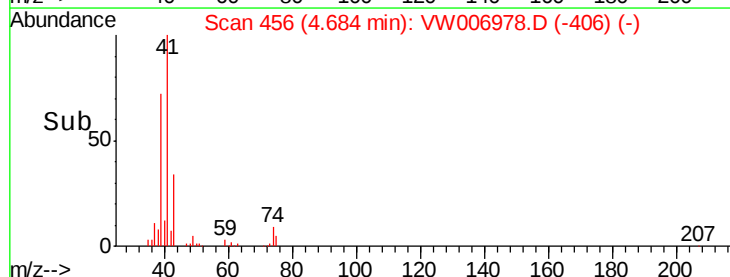
15000

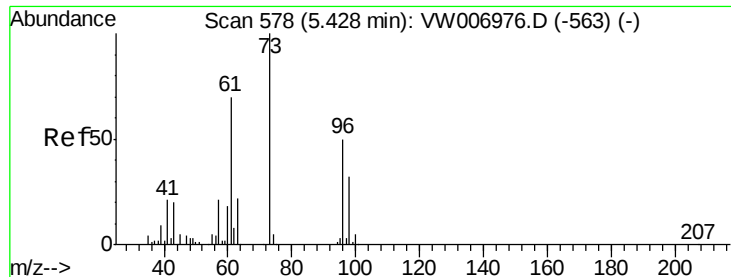
10000

5000

0

Time-->

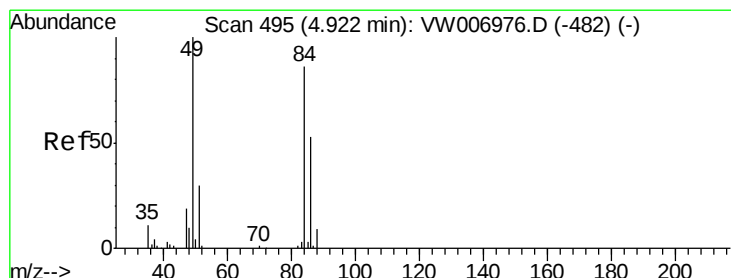
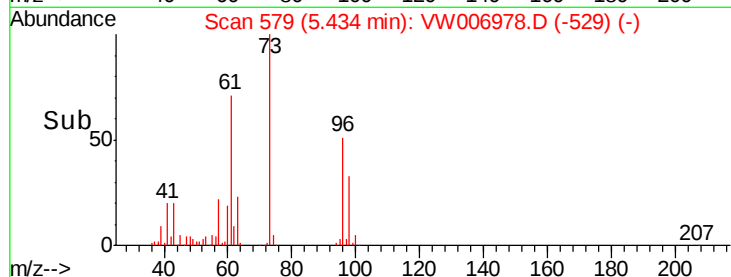
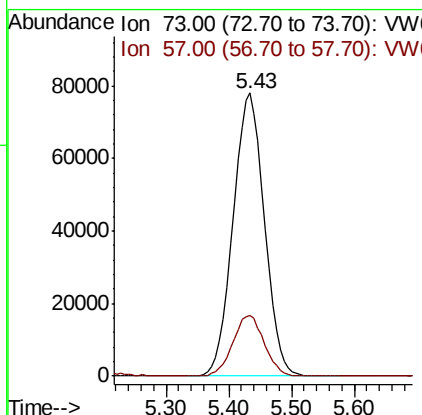
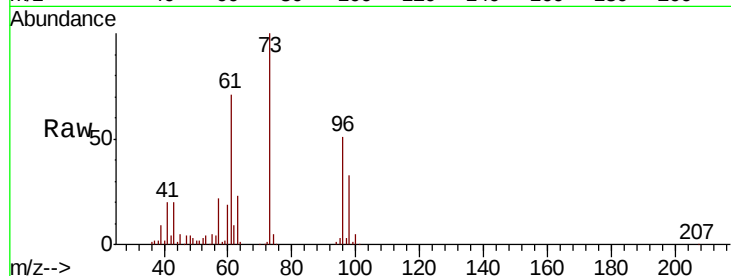




#19
Methyl tert-butyl Ether
Concen: 99.052 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

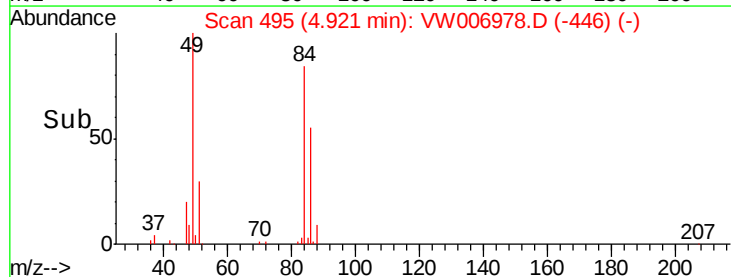
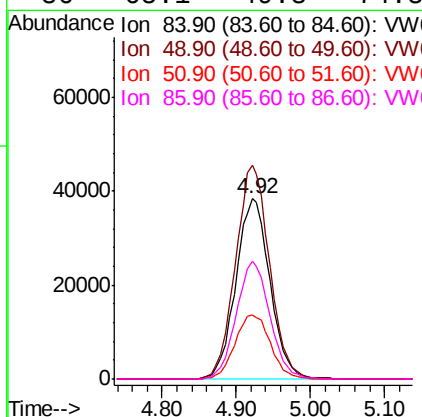
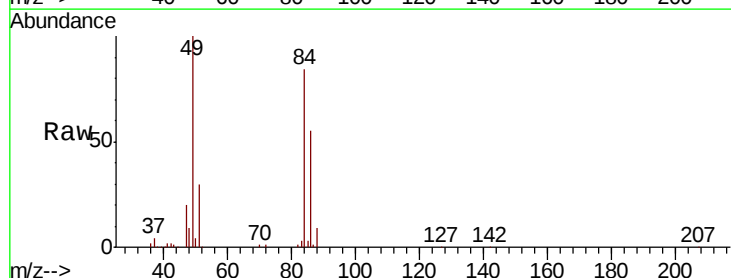
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

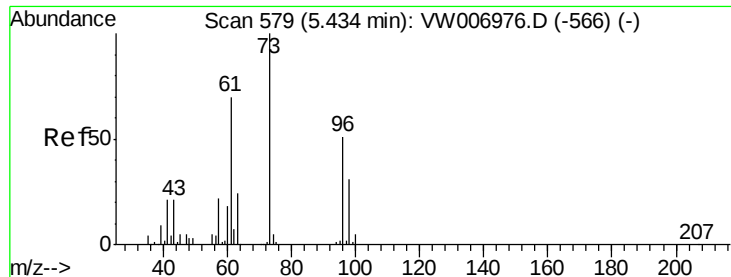
Tgt Ion: 73 Resp: 268928
Ion Ratio Lower Upper
73 100
57 21.5 16.7 25.1



#20
Methylene Chloride
Concen: 76.319 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 84 Resp: 123162
Ion Ratio Lower Upper
84 100
49 118.4 93.4 140.0
51 35.8 28.4 42.6
86 65.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 98.486 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

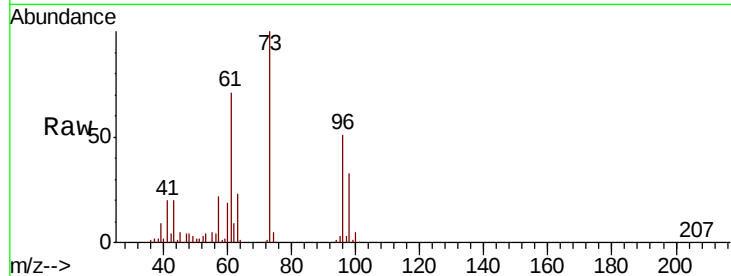
Tgt Ion: 96 Resp: 119292

Ion Ratio Lower Upper

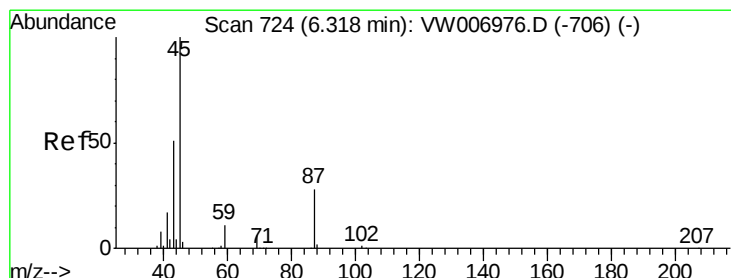
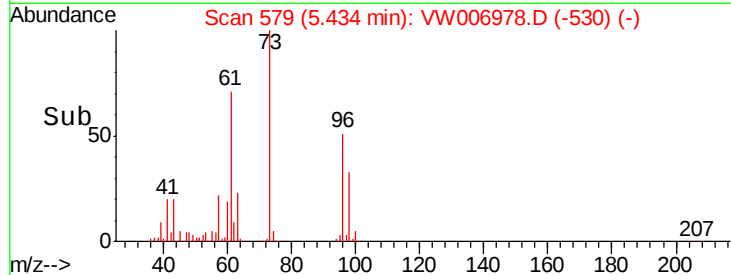
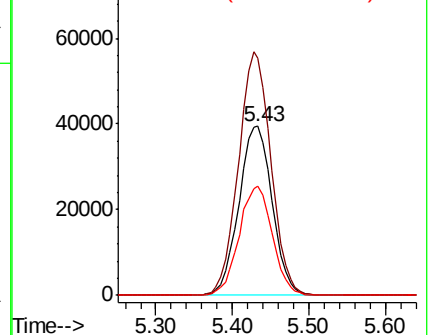
96 100

61 140.5 109.4 164.0

98 64.7 48.3 72.5



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: 101.058 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Tgt Ion: 45 Resp: 339232

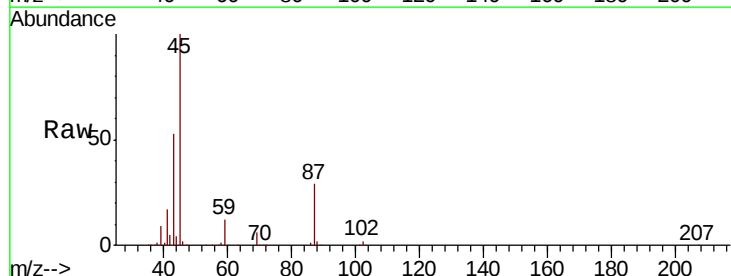
Ion Ratio Lower Upper

45 100

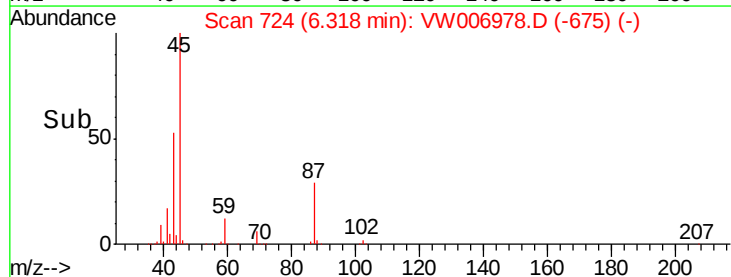
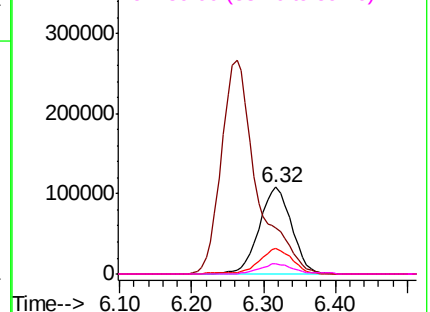
43 52.8 42.5 63.7

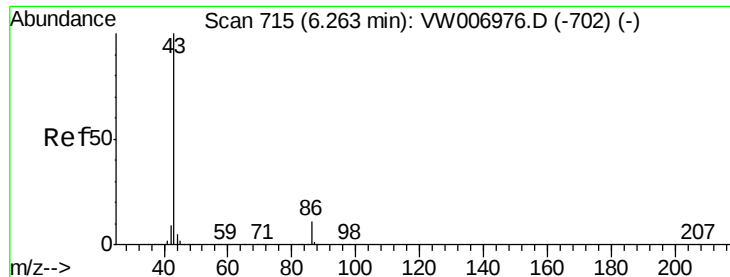
87 29.4 22.8 34.2

59 11.4 9.1 13.7



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: 512.209 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

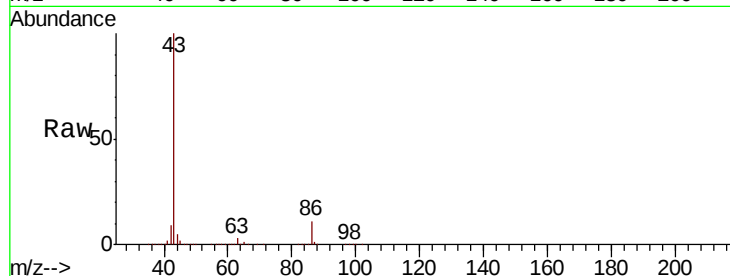
VSTDIC100

Tgt Ion: 43 Resp: 913062

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

250000

200000

150000

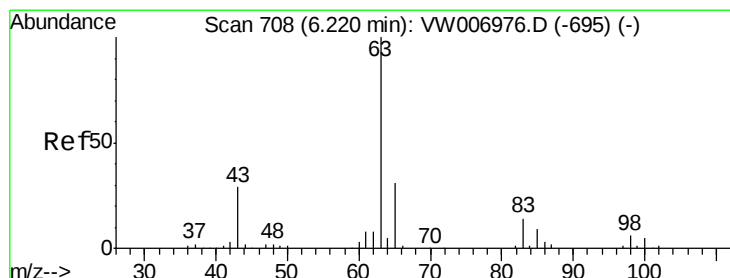
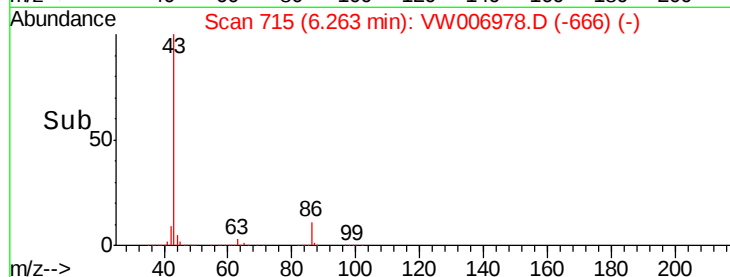
100000

50000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 100.808 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

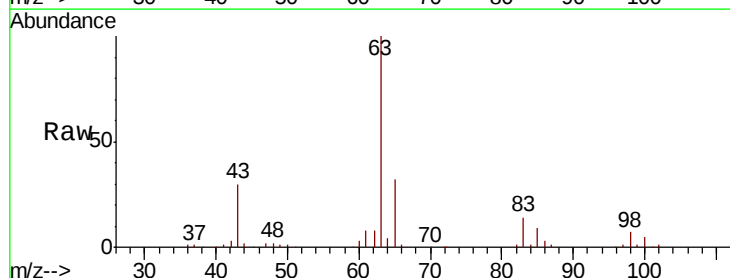
Tgt Ion: 63 Resp: 205859

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

80000

60000

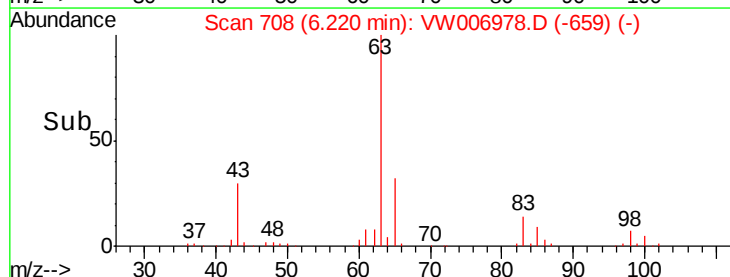
40000

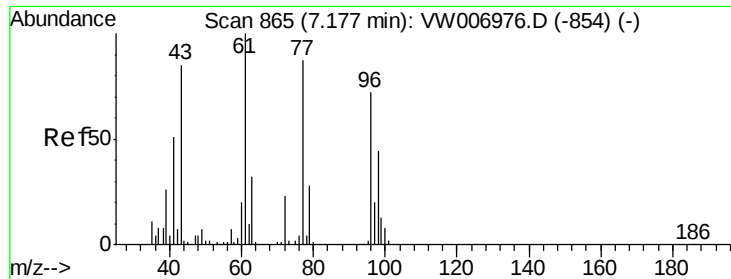
20000

0

Time-->

6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 486.098 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

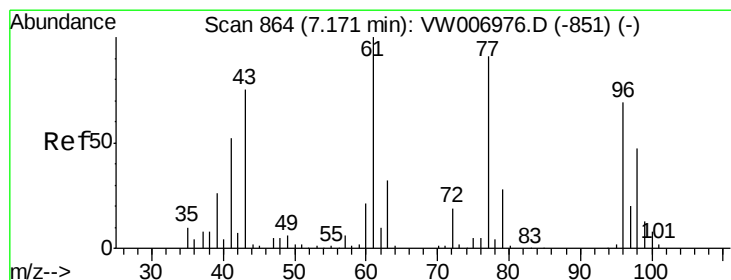
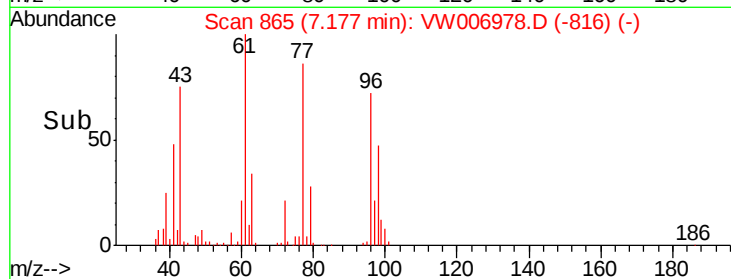
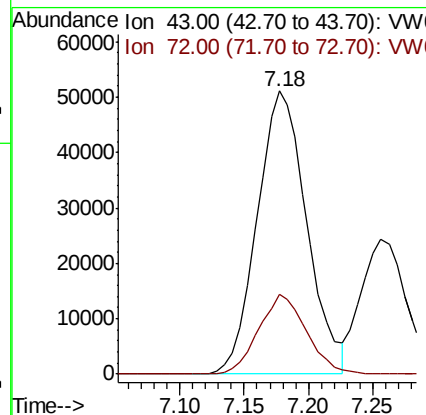
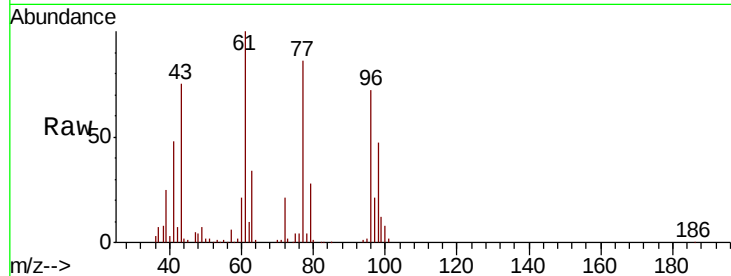
VSTDIC100

Tgt Ion: 43 Resp: 135947

Ion Ratio Lower Upper

43 100

72 28.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 94.826 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006978.D

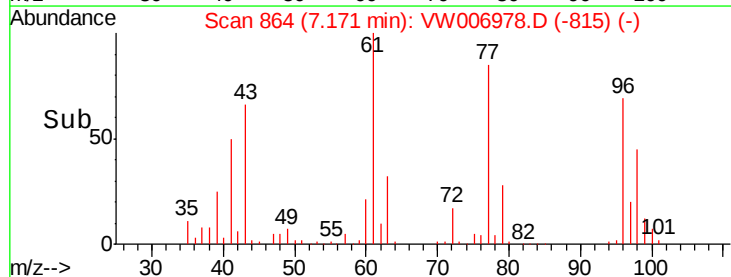
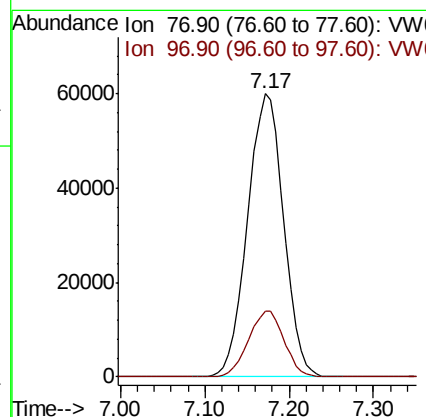
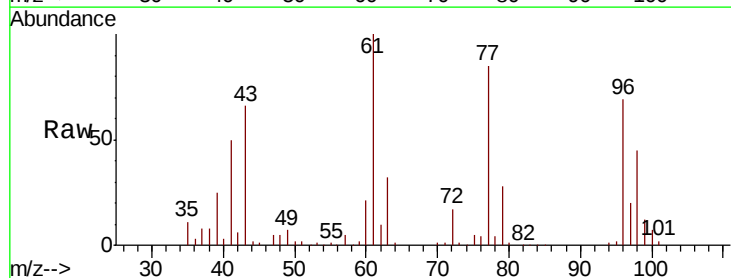
Acq: 20 Nov 2018 15:55

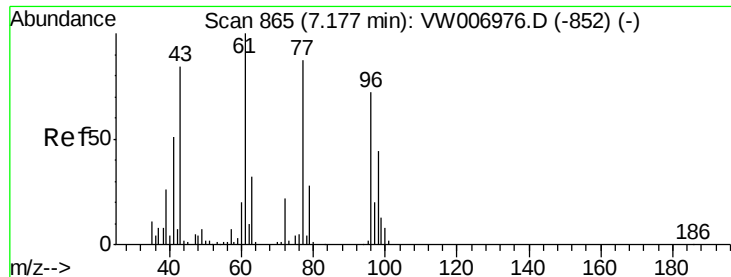
Tgt Ion: 77 Resp: 174136

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1



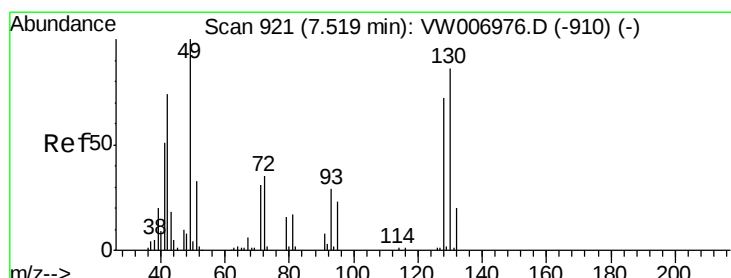
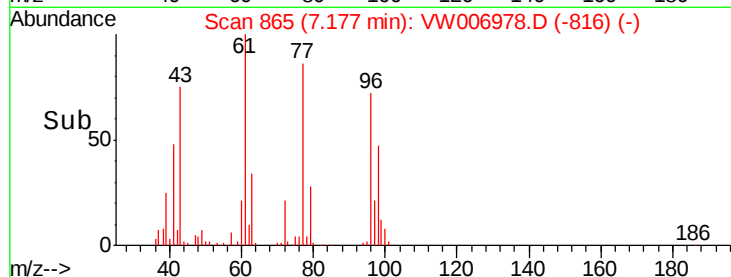
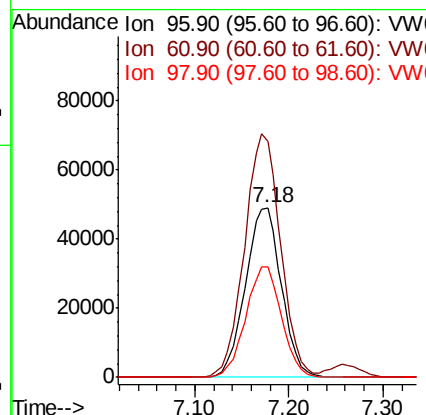
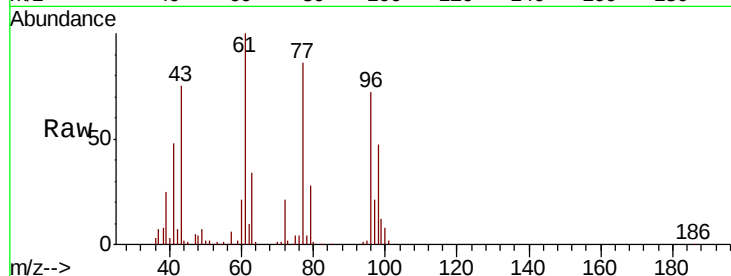


#27

cis-1,2-Dichloroethene
Concen: 101.234 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

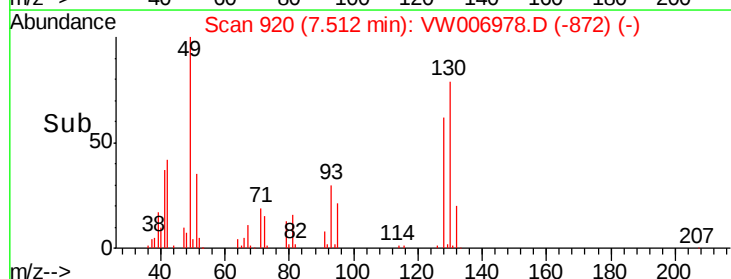
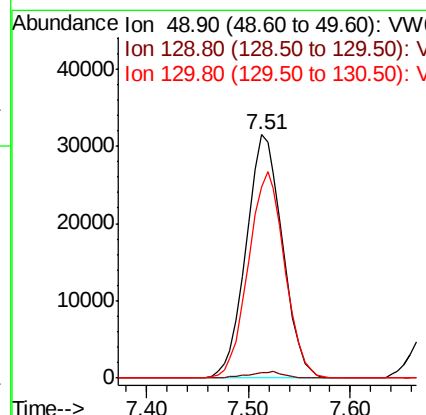
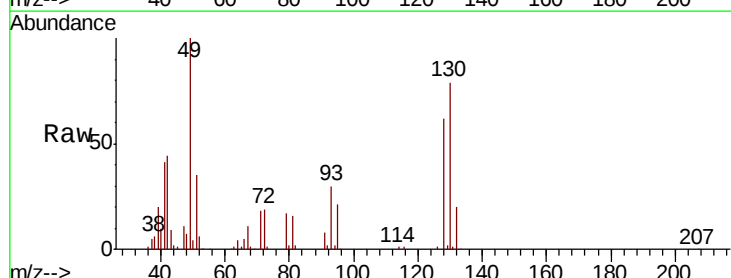
Tgt Ion: 96 Resp: 130580
Ion Ratio Lower Upper
96 100
61 144.7 0.0 292.6
98 65.1 0.0 129.8

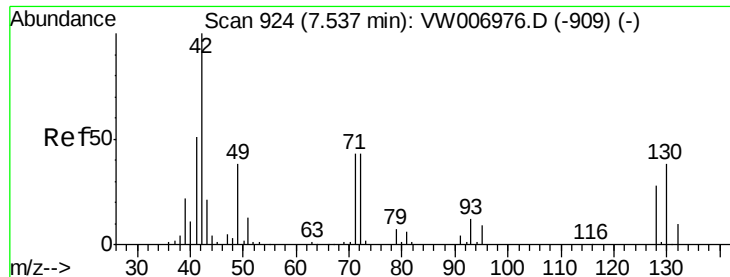


#28

Bromochloromethane
Concen: 102.234 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 49 Resp: 78028
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.0#
130 84.7 69.0 103.4

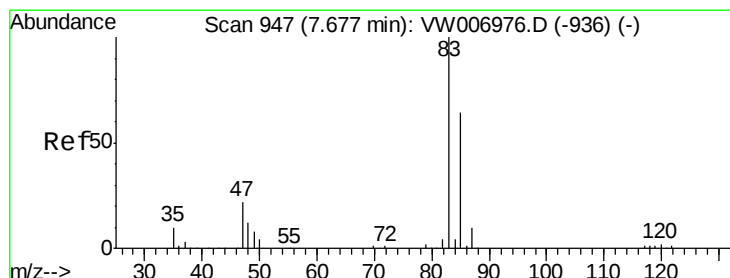
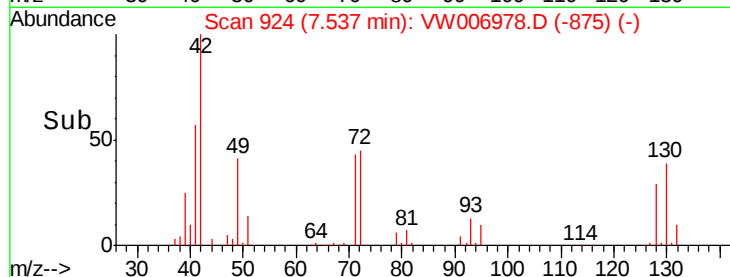
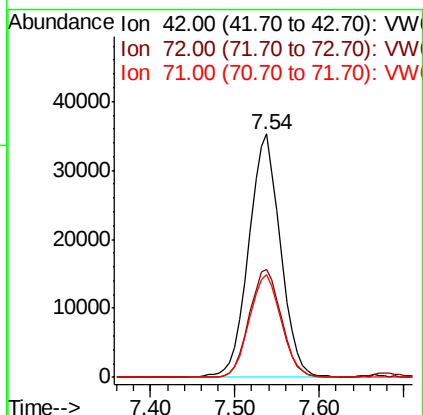
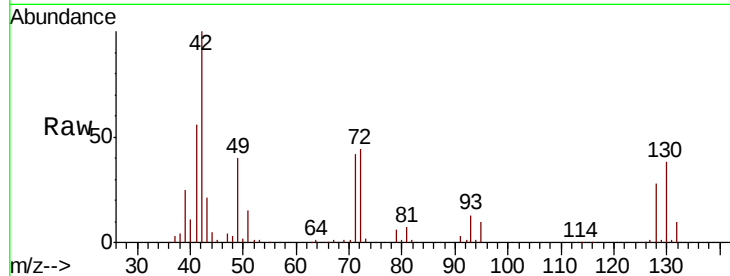




#29
Tetrahydrofuran
Concen: 498.598 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

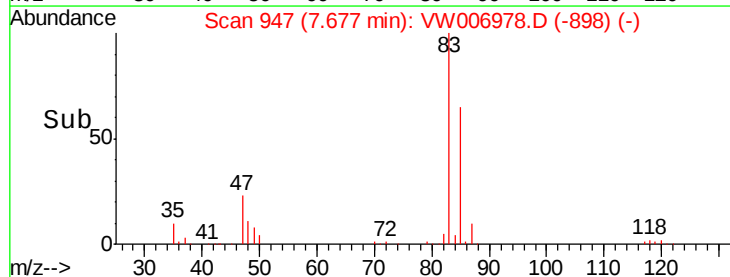
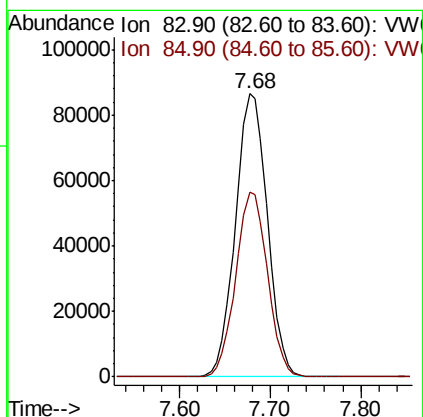
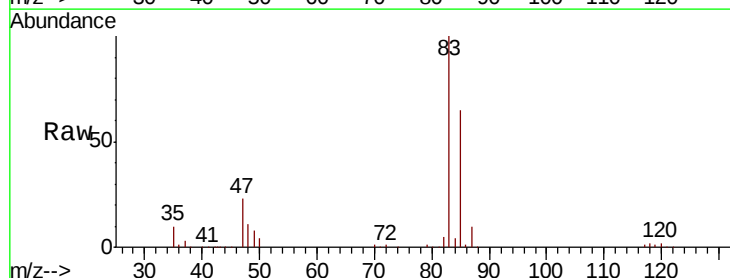
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

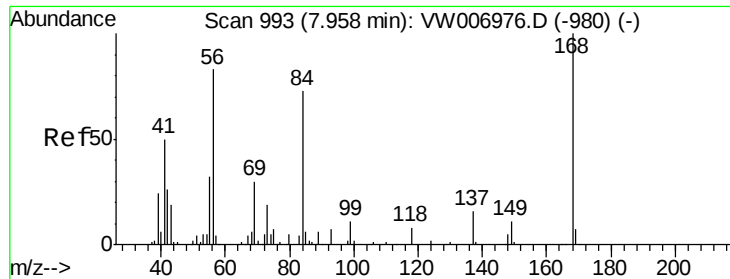
Tgt Ion: 42 Resp: 90310
Ion Ratio Lower Upper
42 100
72 45.0 36.2 54.4
71 42.6 33.8 50.8



#30
Chloroform
Concen: 97.274 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 83 Resp: 211037
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3

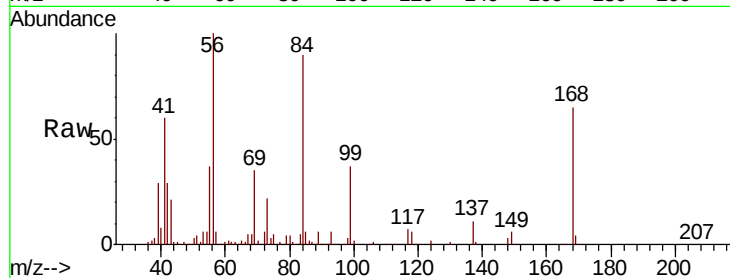




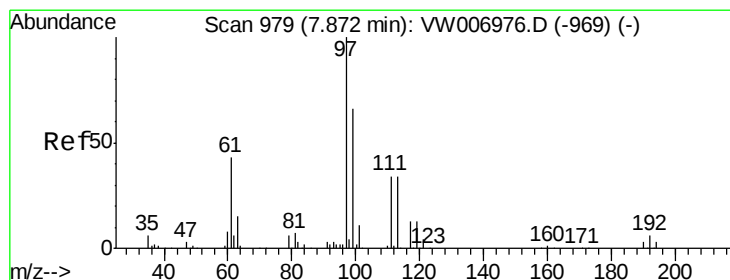
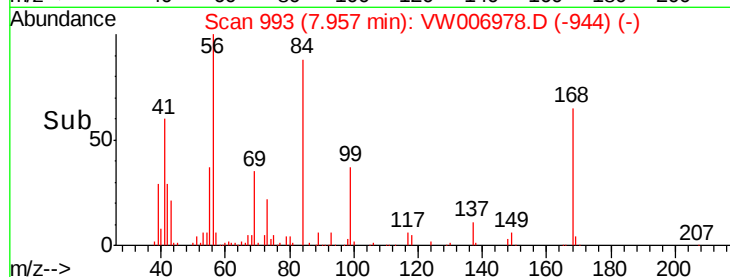
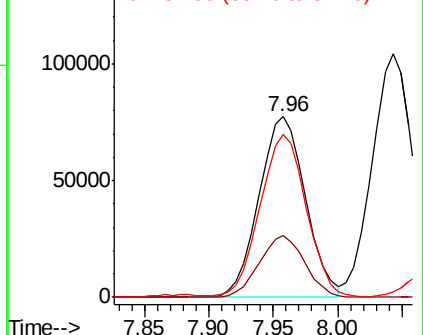
#31
Cyclohexane
Concen: 89.560 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 193989
Ion Ratio Lower Upper
56 100
69 34.5 29.1 43.7
84 88.5 70.6 105.8

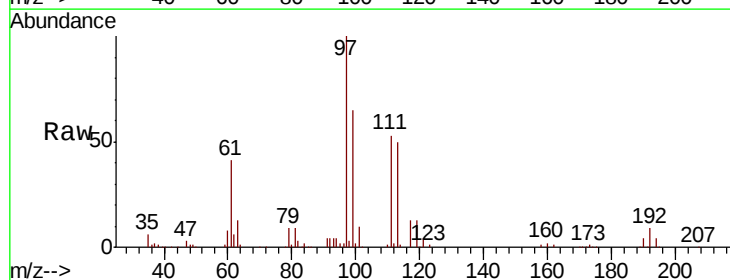


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

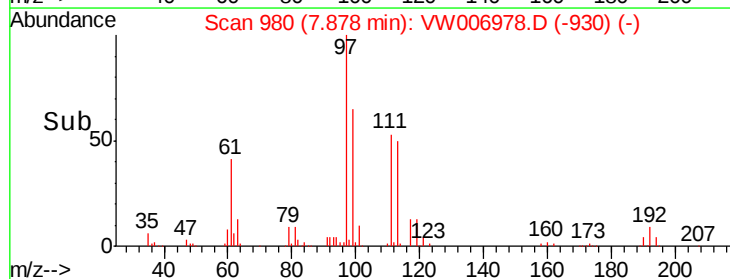
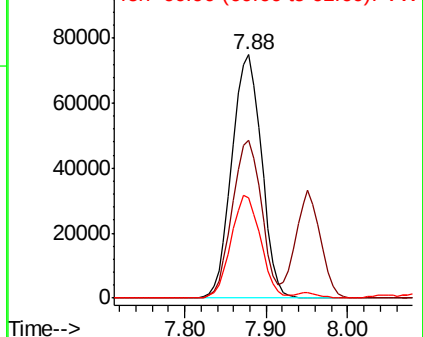


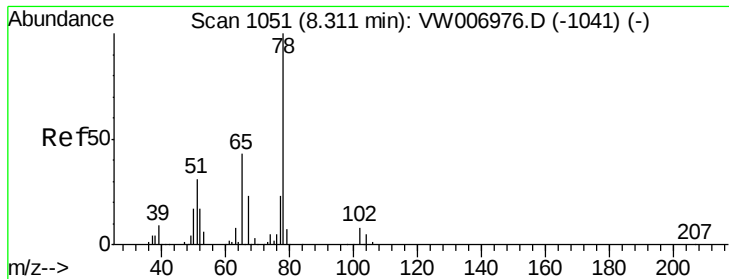
#32
1,1,1-Trichloroethane
Concen: 96.328 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 97 Resp: 188237
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 42.0 33.4 50.2



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: 101.738 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

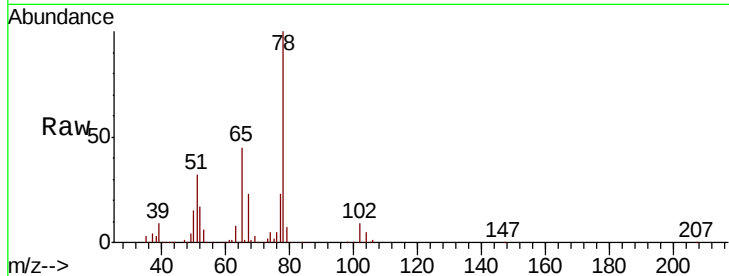
VSTDIC100

Tgt Ion: 65 Resp: 114422

Ion Ratio Lower Upper

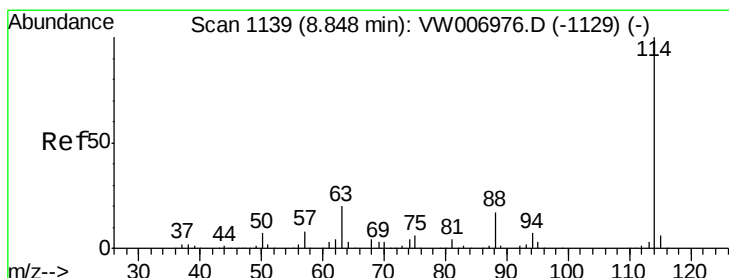
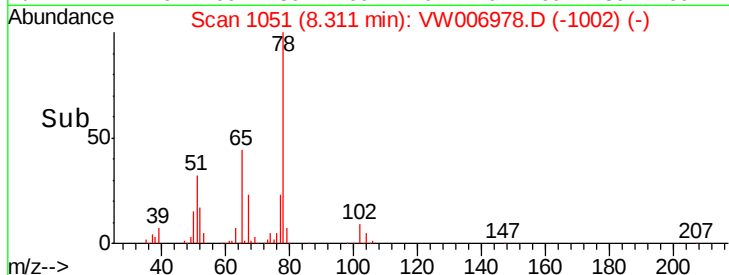
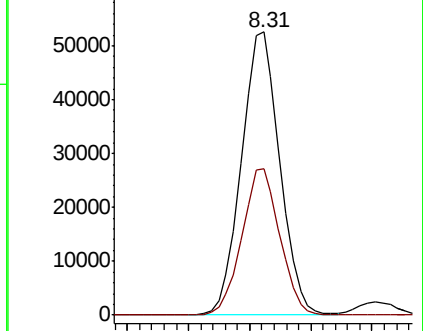
65 100

67 51.2 0.0 106.2



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

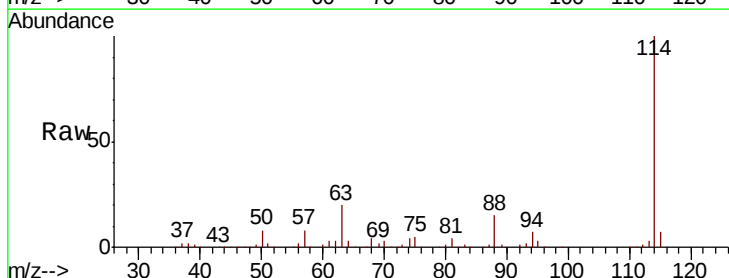
Tgt Ion: 114 Resp: 181103

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

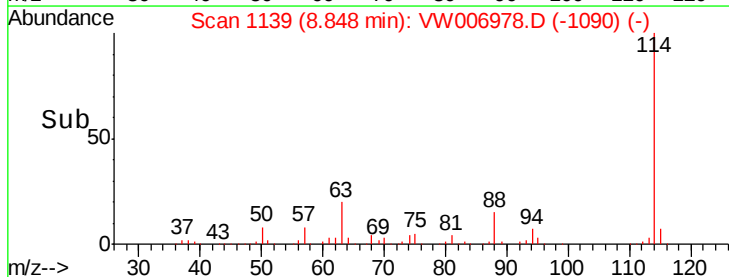
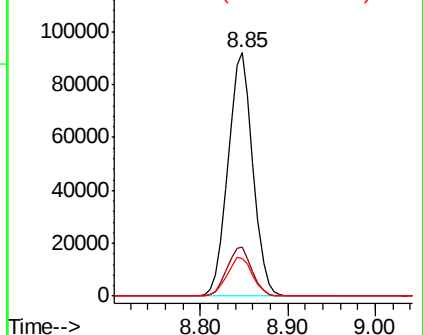
88 15.3 0.0 34.2

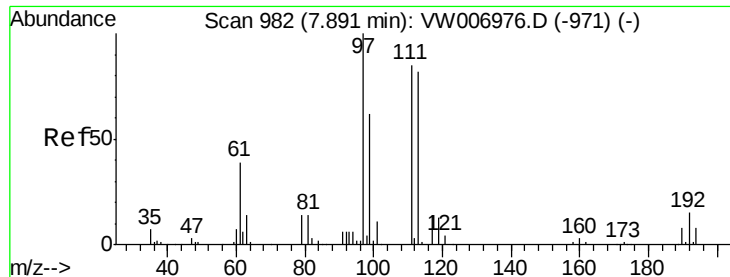


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 107.555 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

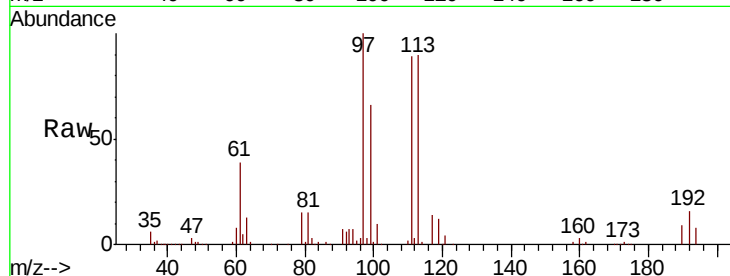
Tgt Ion:113 Resp: 110000

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

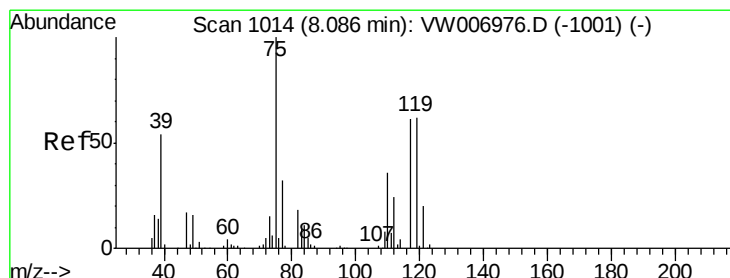
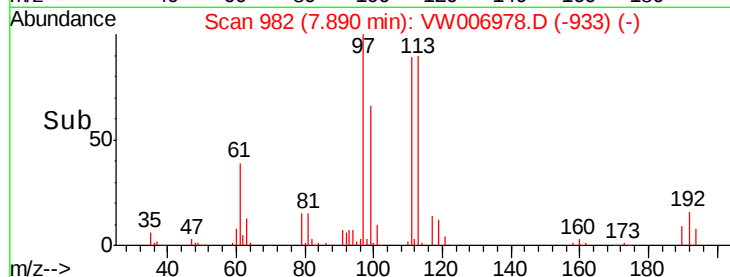
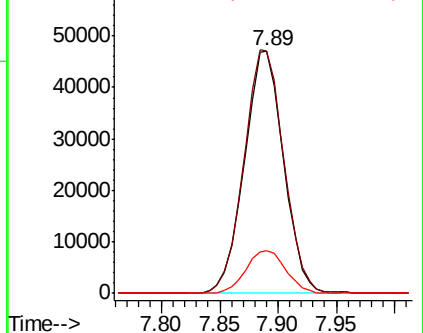
192 18.1 15.0 22.6



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: 95.631 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

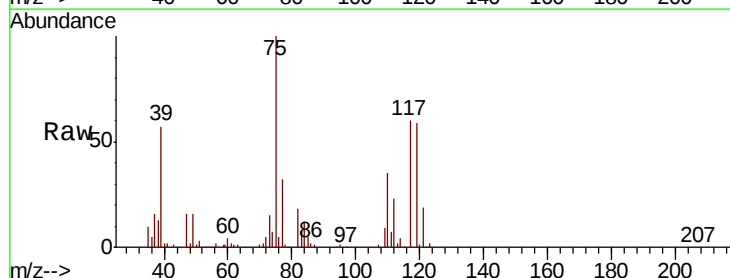
Tgt Ion: 75 Resp: 169244

Ion Ratio Lower Upper

75 100

110 35.4 18.0 54.0

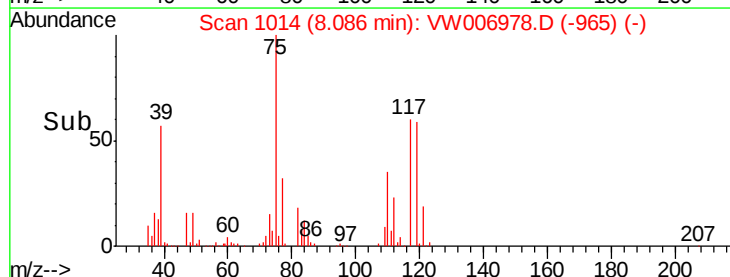
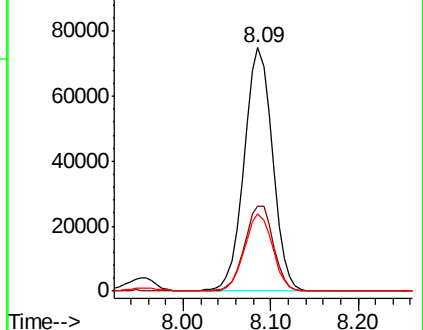
77 31.5 24.9 37.3

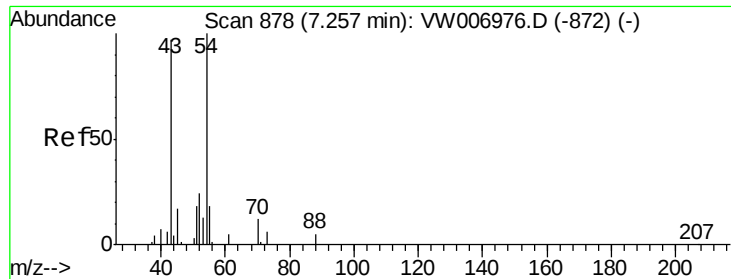


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

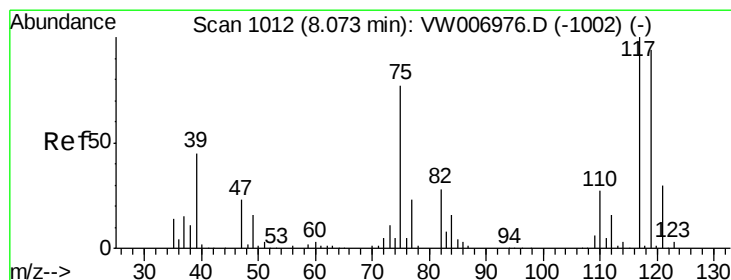
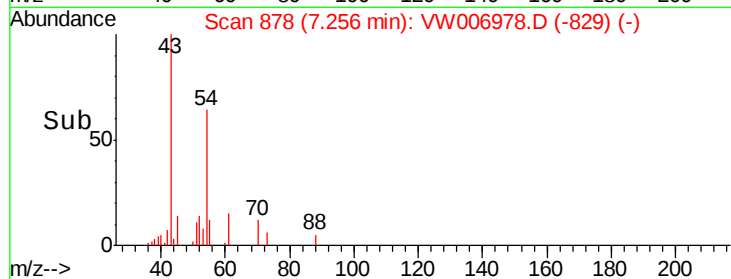
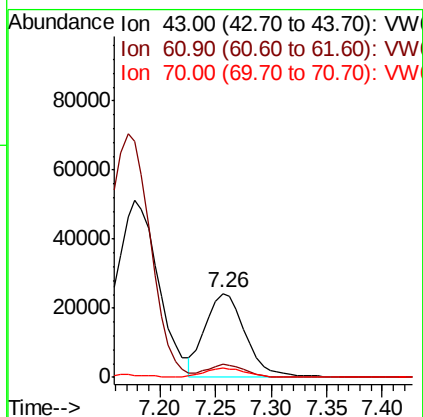
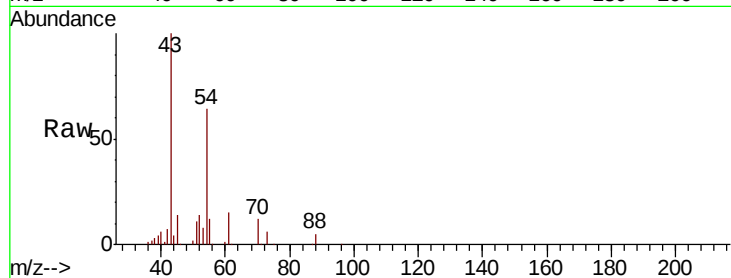




#37
Ethyl Acetate
Concen: 94.614 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

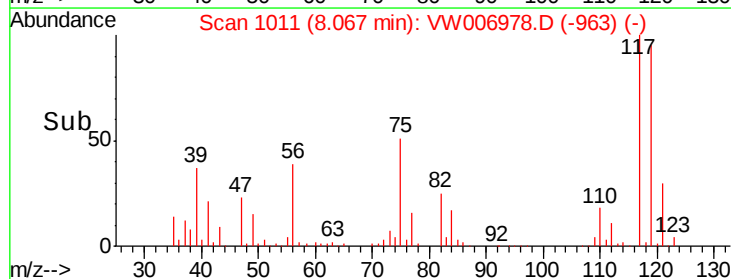
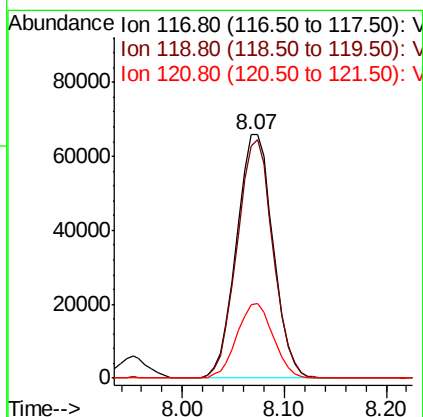
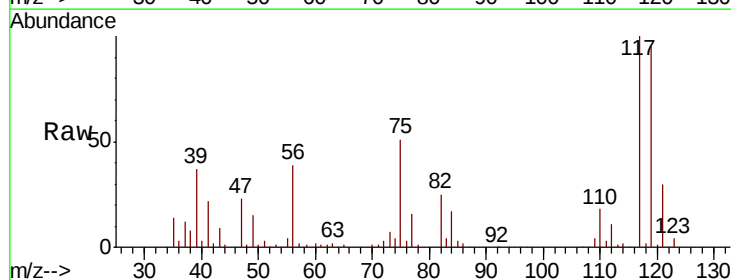
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

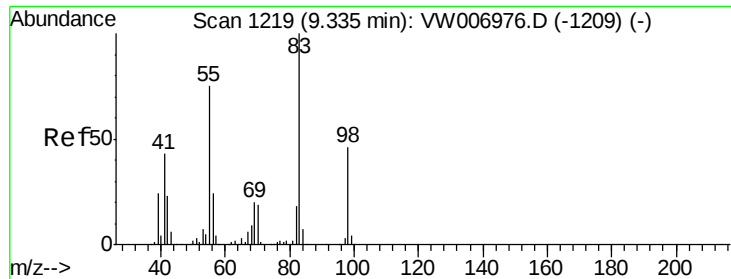
Tgt Ion: 43 Resp: 60677
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 96.926 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 117 Resp: 164260
Ion Ratio Lower Upper
117 100
119 95.2 74.9 112.3
121 30.0 23.6 35.4

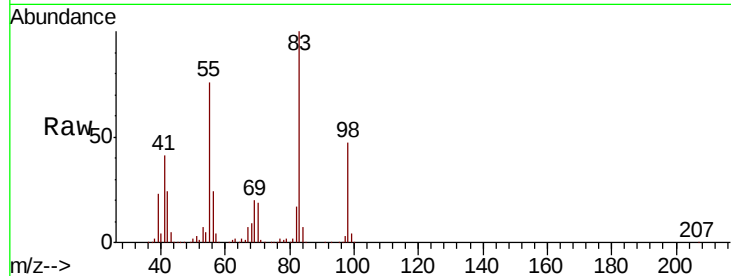




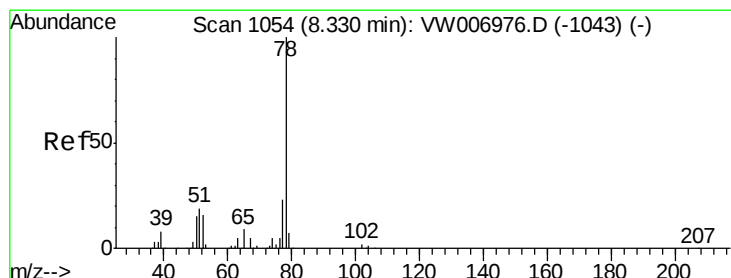
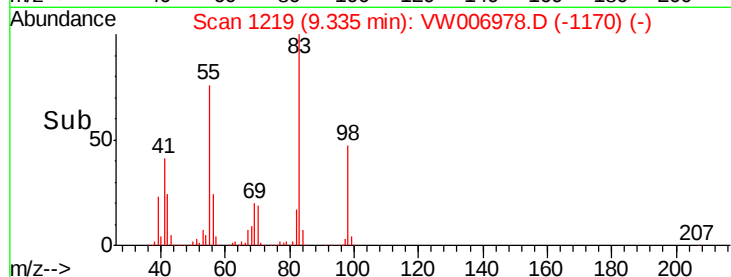
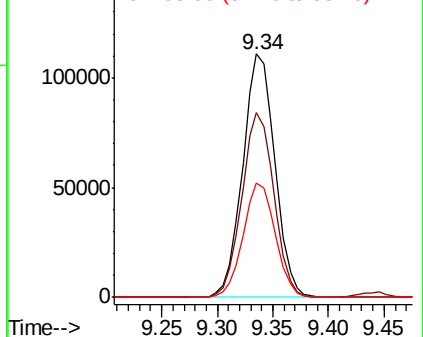
#39
Methylcyclohexane
Concen: 100.727 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 223078
Ion Ratio Lower Upper
83 100
55 76.0 59.6 89.4
98 46.8 37.1 55.7

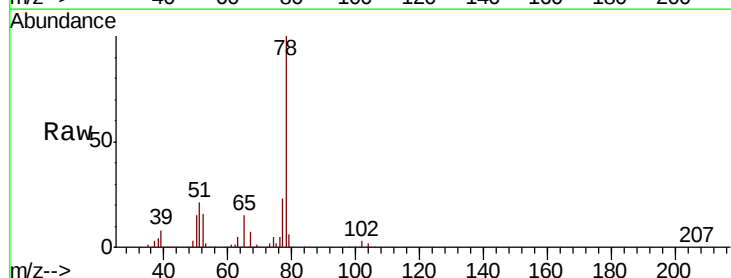


Abundance Ion 83.00 (82.70 to 83.70): VW
150000 Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

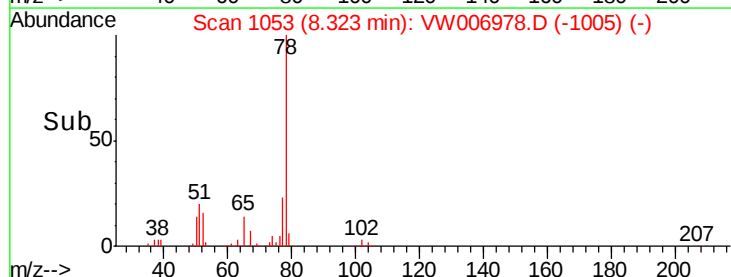
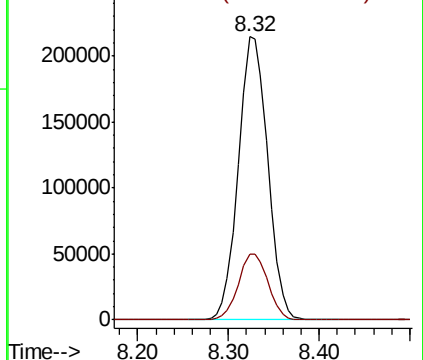


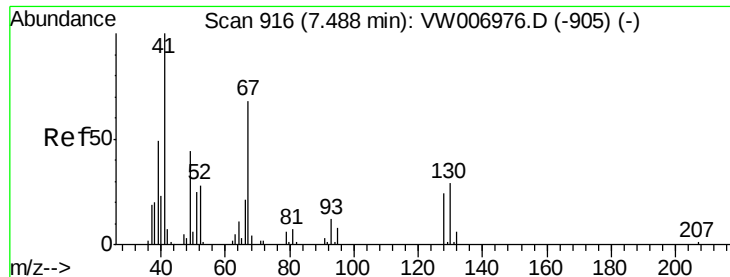
#40
Benzene
Concen: 100.791 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 78 Resp: 481496
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
250000 Ion 77.00 (76.70 to 77.70): VW

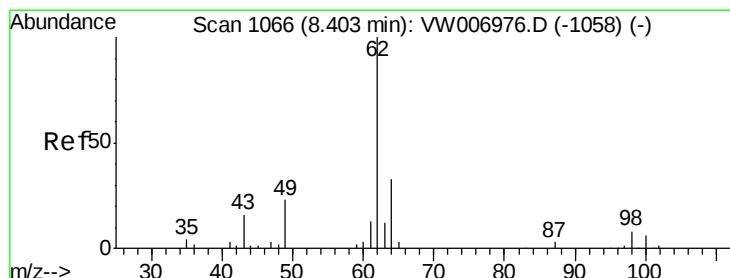
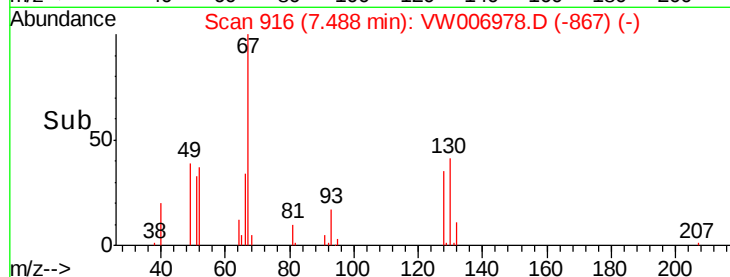
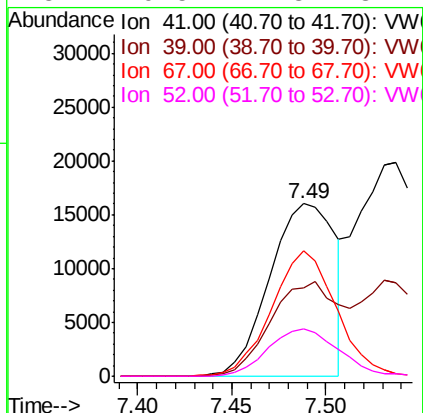
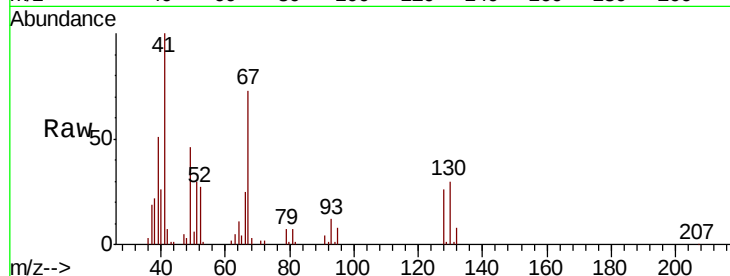




#41
Methacrylonitrile
Concen: 97.165 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

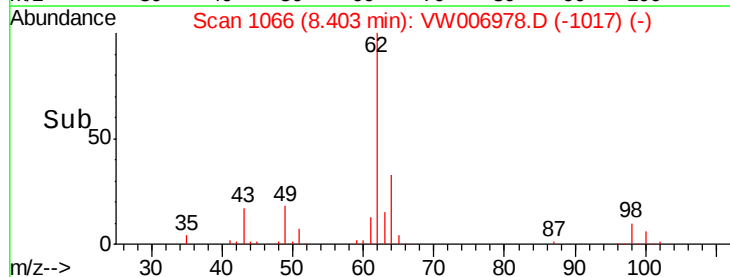
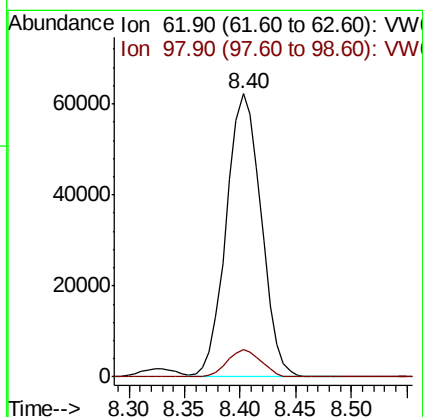
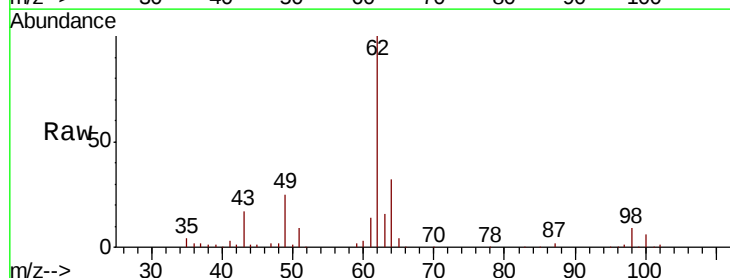
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

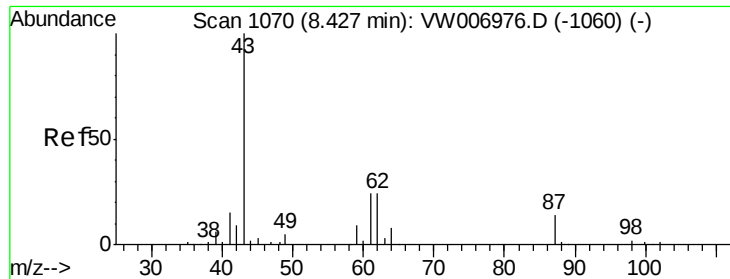
Tgt Ion:	41	Resp:	38698
Ion	Ratio	Lower	Upper
41	100		
39	59.6	48.6	73.0
67	71.6	59.8	89.8
52	29.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 97.600 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion:	62	Resp:	135367
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 103.732 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

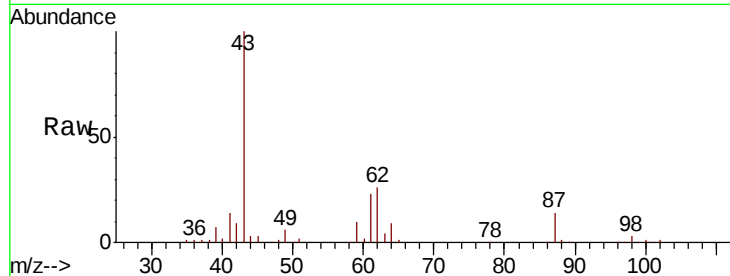
Tgt Ion: 43 Resp: 126773

Ion Ratio Lower Upper

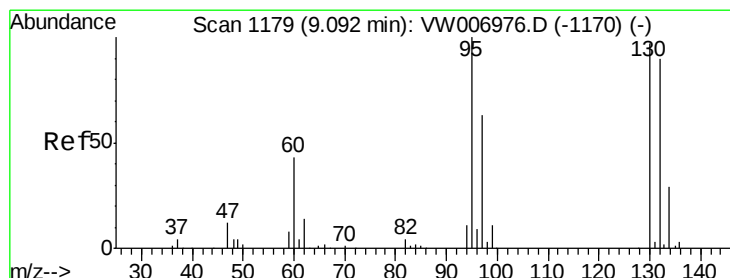
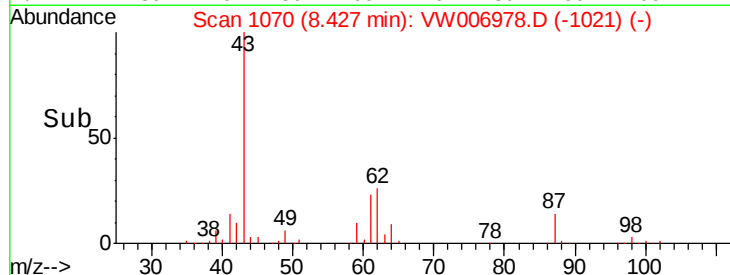
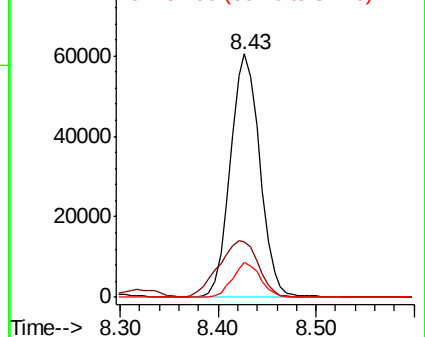
43 100

61 31.5 26.1 39.1

87 13.6 11.2 16.8



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: 98.714 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006978.D

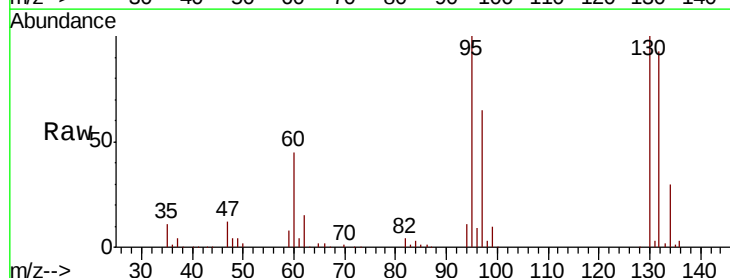
Acq: 20 Nov 2018 15:55

Tgt Ion: 130 Resp: 132195

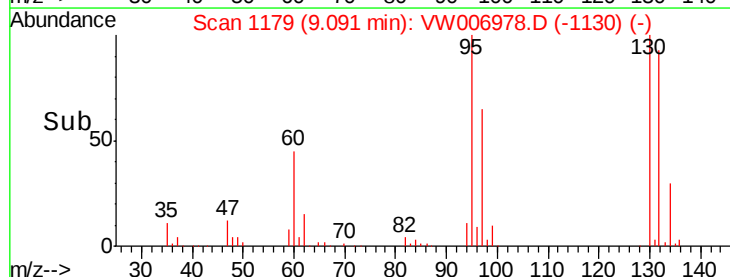
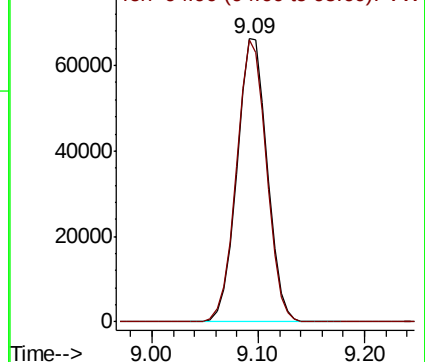
Ion Ratio Lower Upper

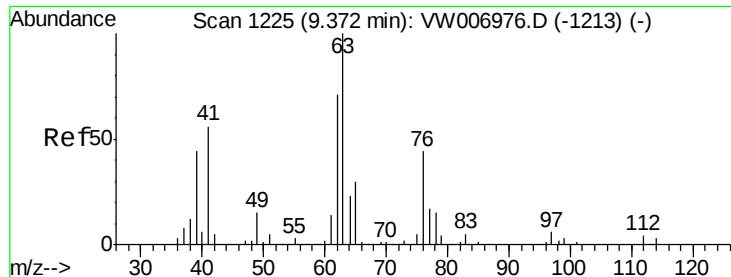
130 100

95 99.6 0.0 206.4



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

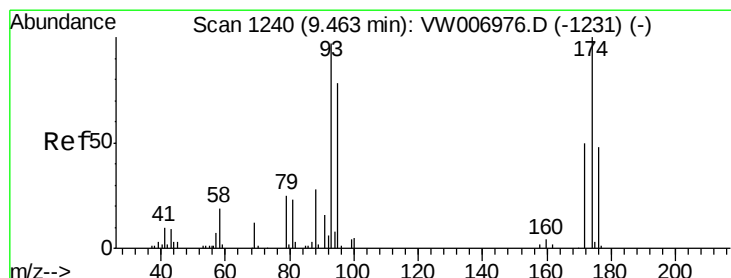
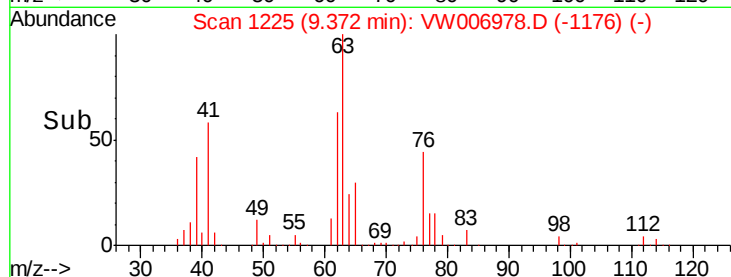
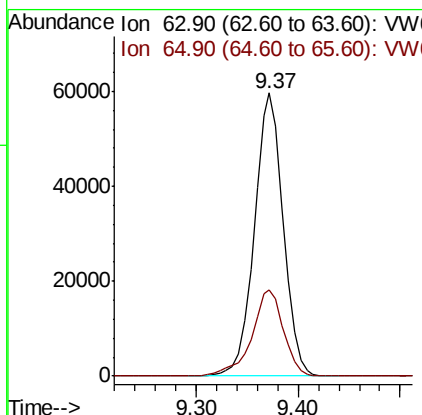
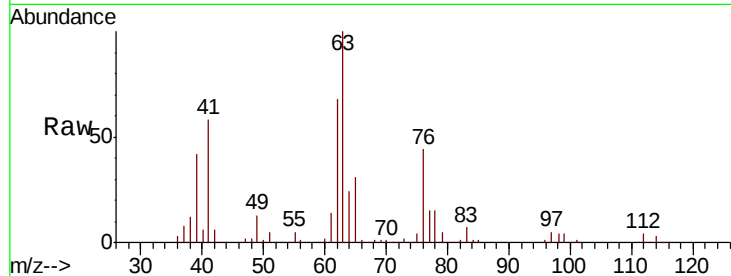




#45
 1,2-Dichloropropane
 Concen: 99.396 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

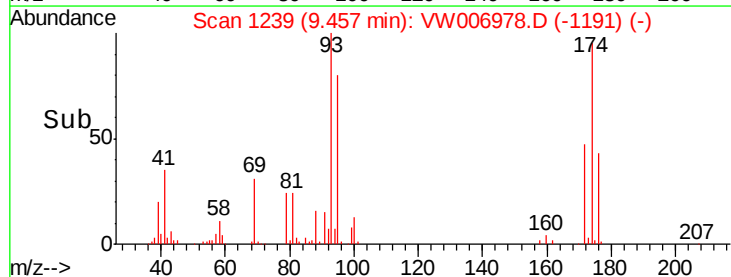
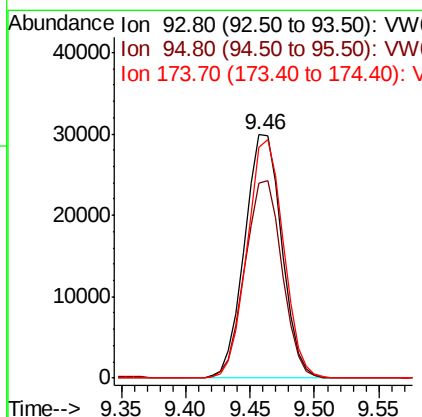
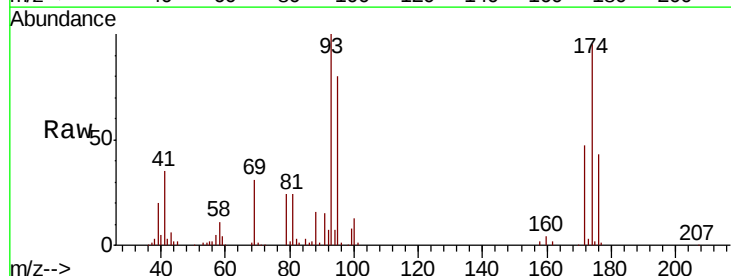
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

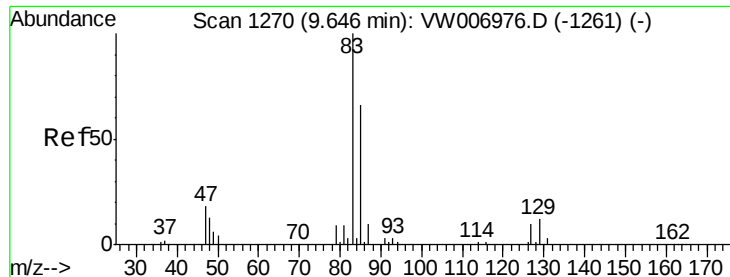
Tgt Ion: 63 Resp: 117050
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6



#46
 Dibromomethane
 Concen: 100.905 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion: 93 Resp: 59506
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.1 99.1
 174 96.0 79.7 119.5





#47

Bromodichloromethane

Concen: 97.446 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

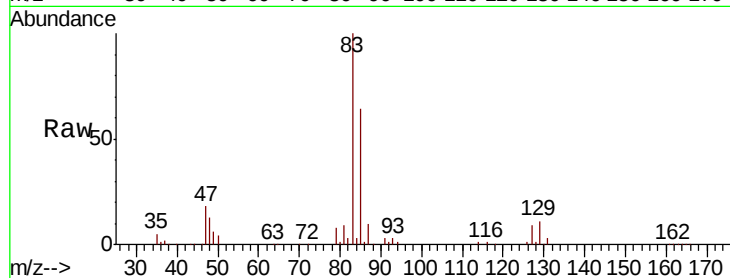
Tgt Ion: 83 Resp: 151407

Ion Ratio Lower Upper

83 100

85 64.3 52.9 79.3

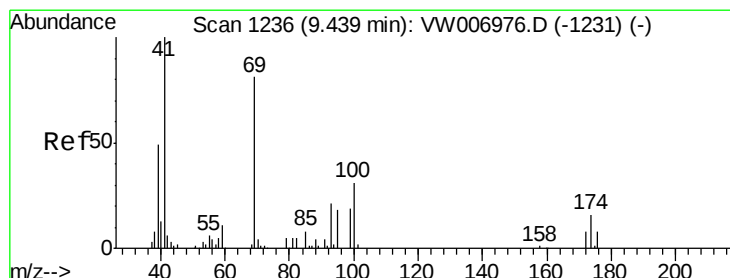
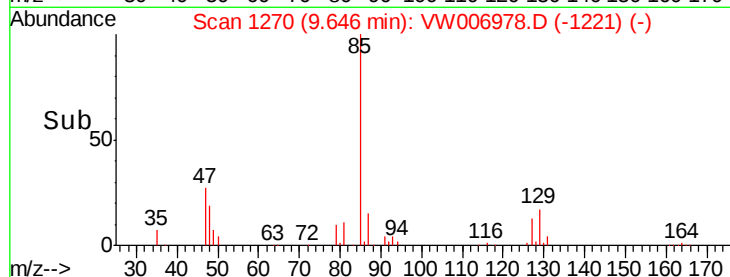
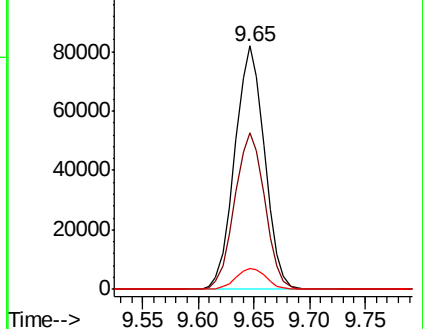
127 8.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 102.864 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

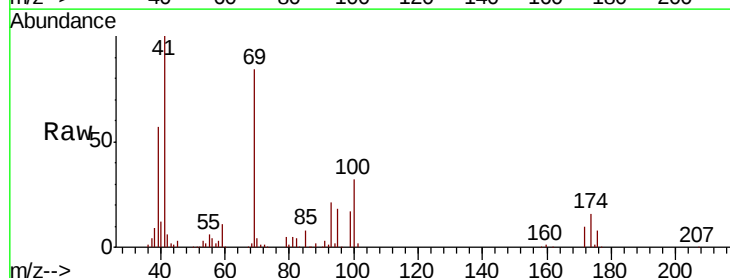
Tgt Ion: 41 Resp: 60616

Ion Ratio Lower Upper

41 100

69 90.4 71.4 107.0

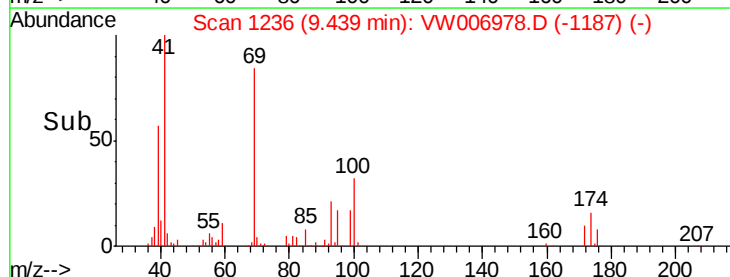
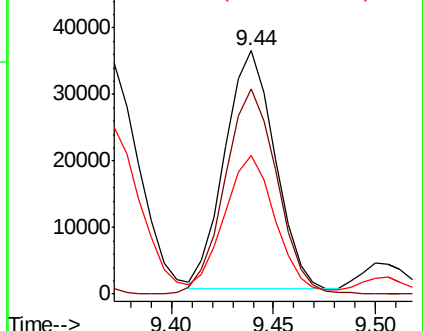
39 56.2 44.8 67.2

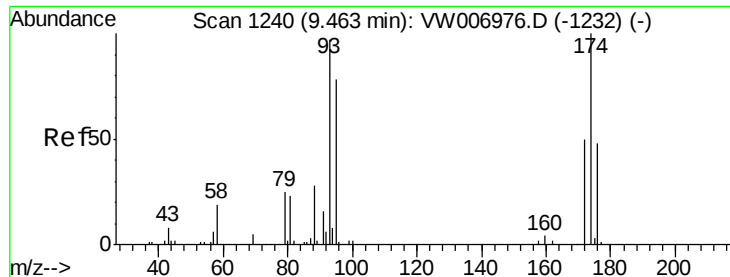


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2026.546 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

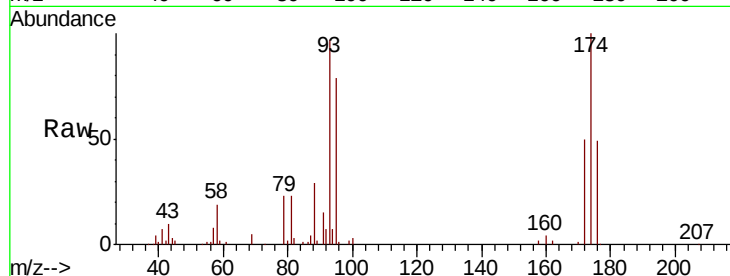
Tgt Ion: 88 Resp: 17763

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

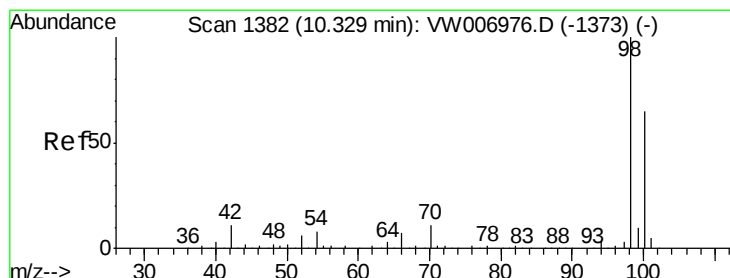
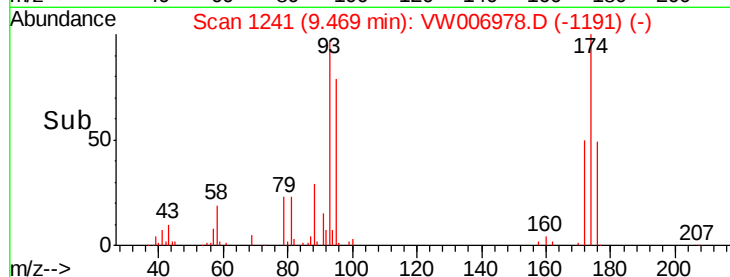
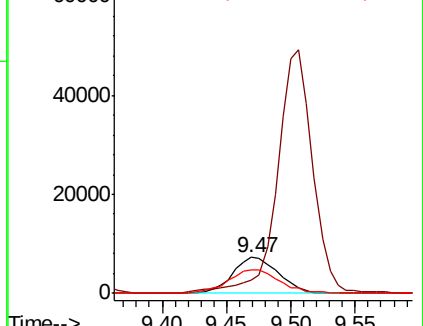
58 74.4 59.0 88.6



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: 103.102 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006978.D

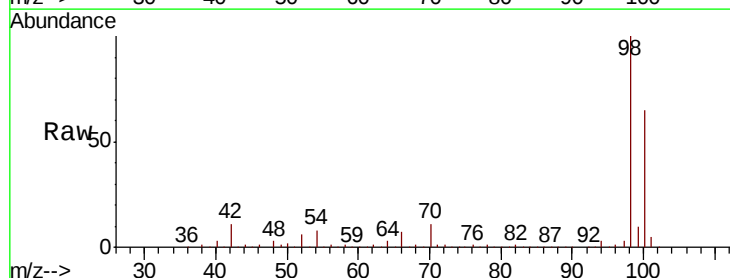
Acq: 20 Nov 2018 15:55

Tgt Ion: 98 Resp: 465636

Ion Ratio Lower Upper

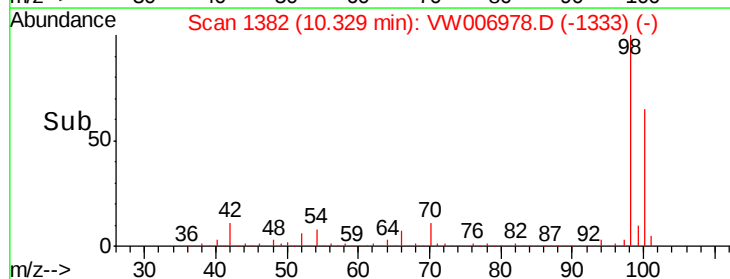
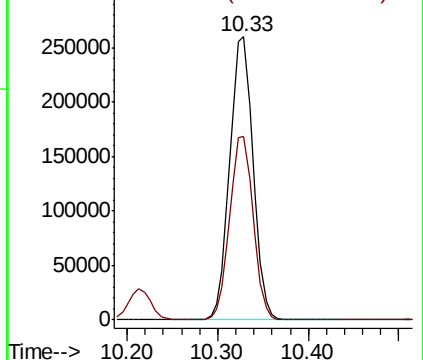
98 100

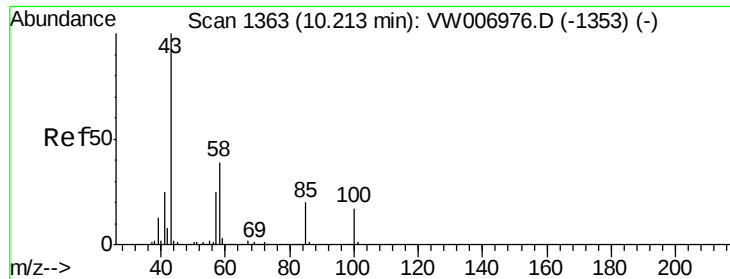
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

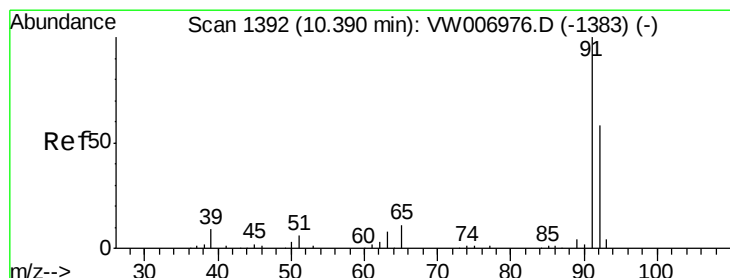
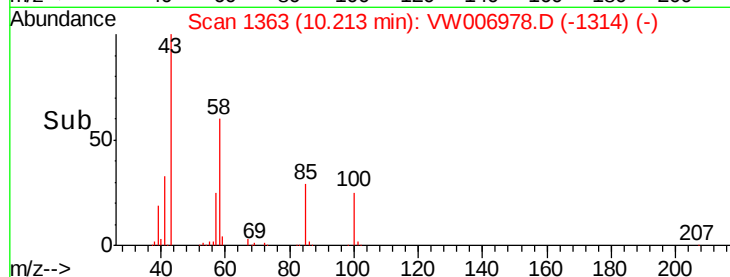
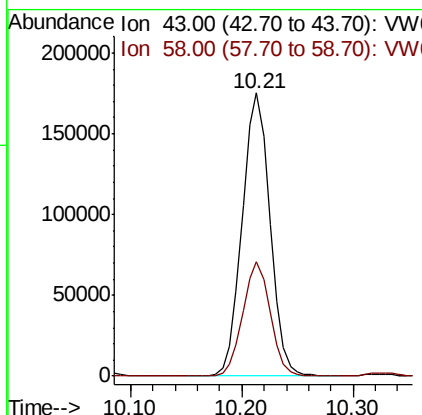
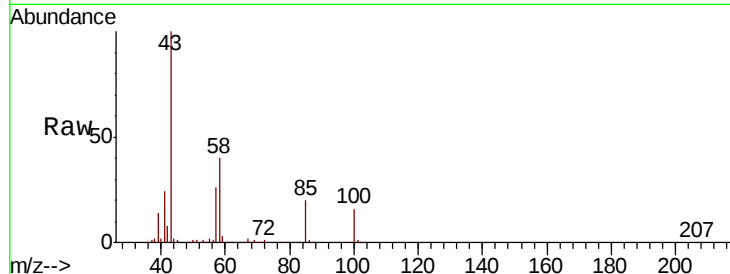




#51
 4-Methyl-2-Pentanone
 Concen: 493.457 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

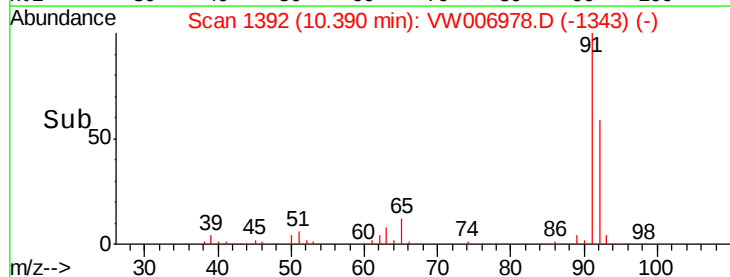
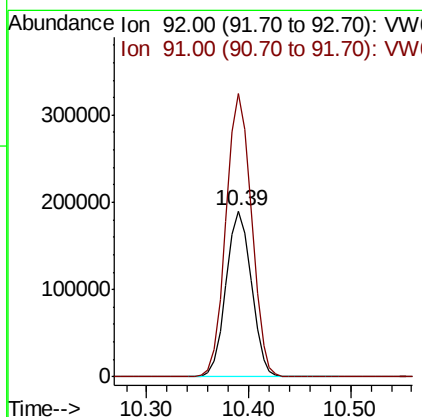
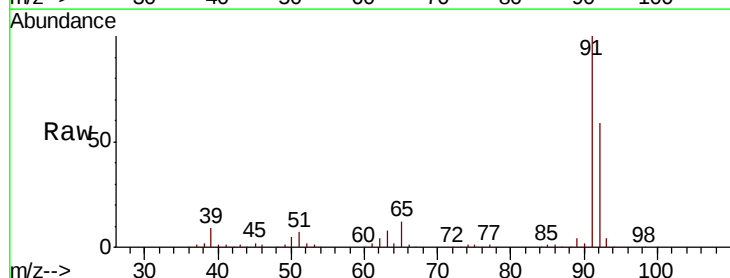
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

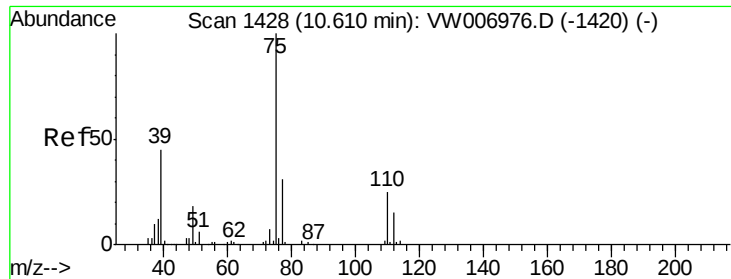
Tgt Ion: 43 Resp: 304763
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.8 47.6



#52
 Toluene
 Concen: 100.624 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion: 92 Resp: 327139
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 104.742 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampled :

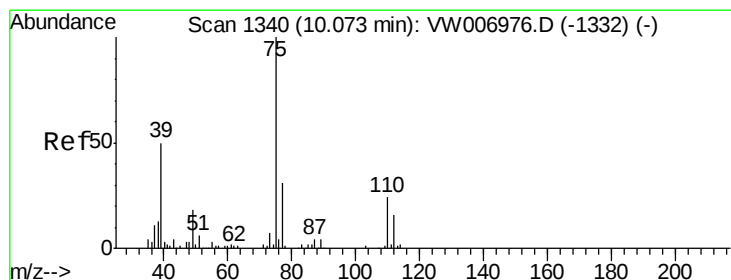
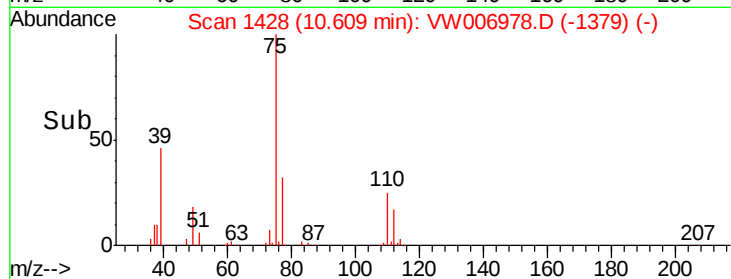
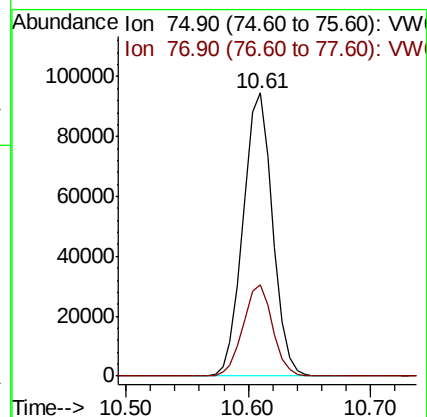
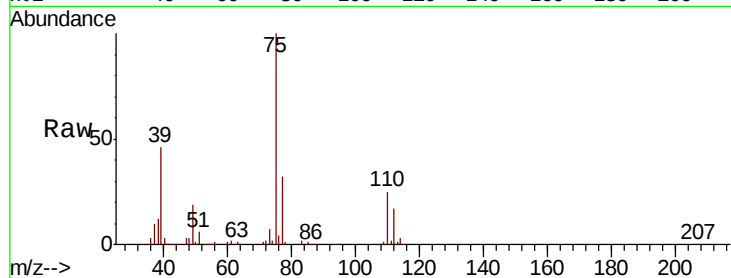
VSTDICC100

Tgt Ion: 75 Resp: 157651

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 102.490 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

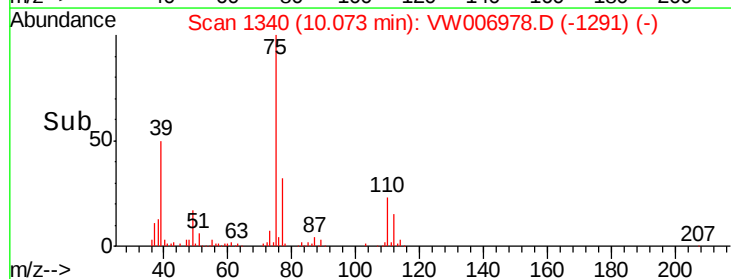
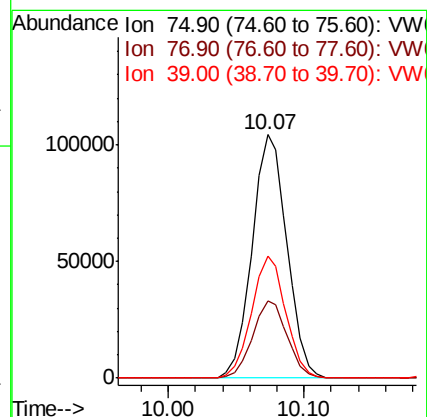
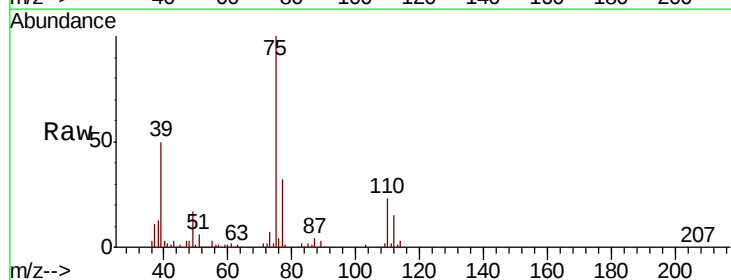
Tgt Ion: 75 Resp: 186370

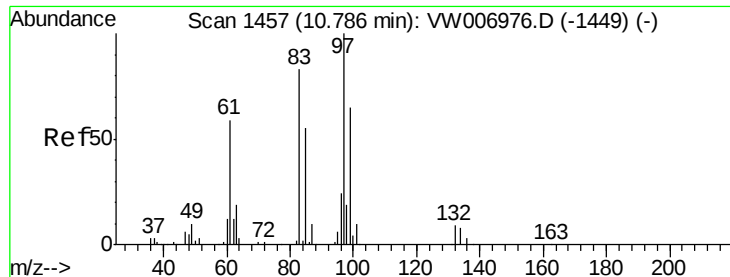
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 50.3 39.9 59.9

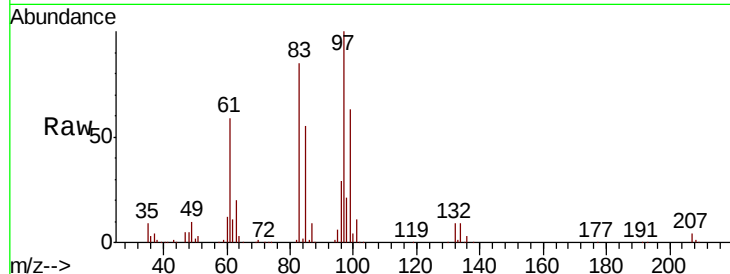




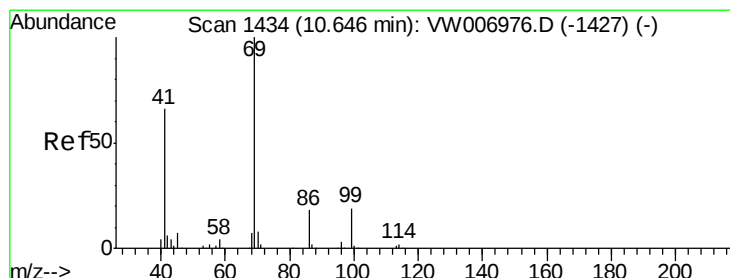
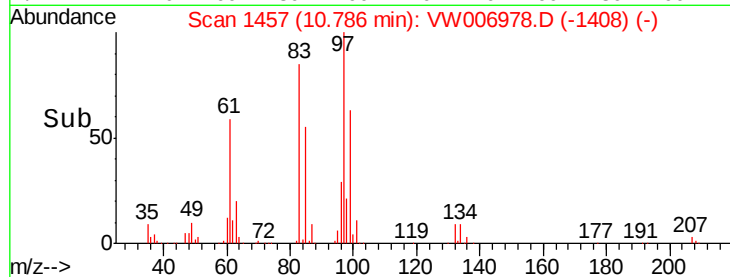
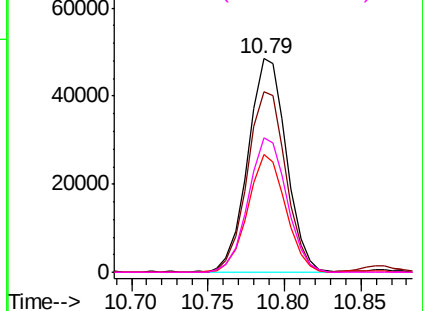
#55
 1,1,2-Trichloroethane
 Concen: 98.108 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	85123
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.4	99.6
85	55.2	44.1	66.1
99	62.9	51.7	77.5

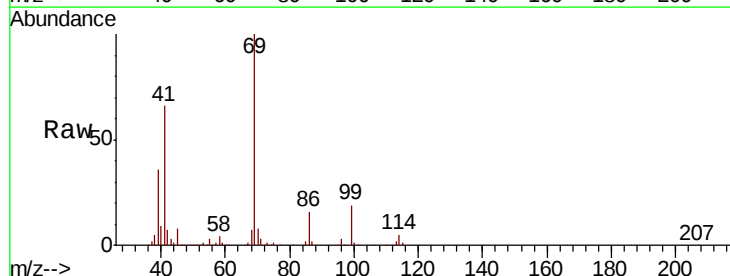


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

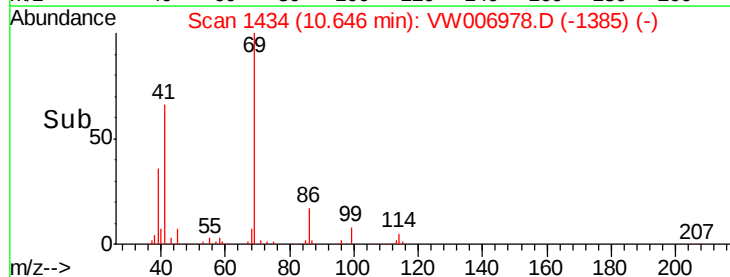
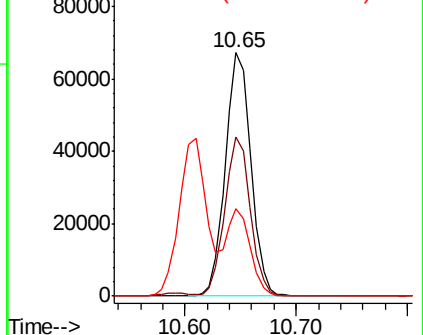


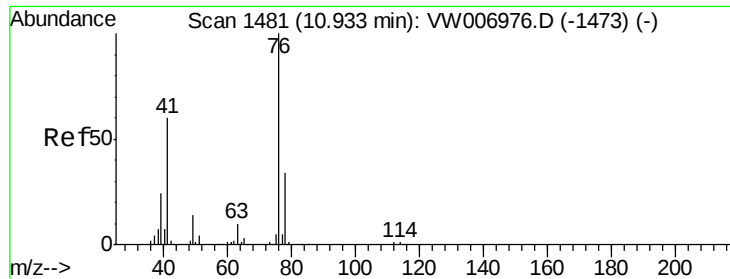
#56
 Ethyl methacrylate
 Concen: 106.481 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion:	69	Resp:	107241
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.4	80.0
39	34.5	28.2	42.4



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

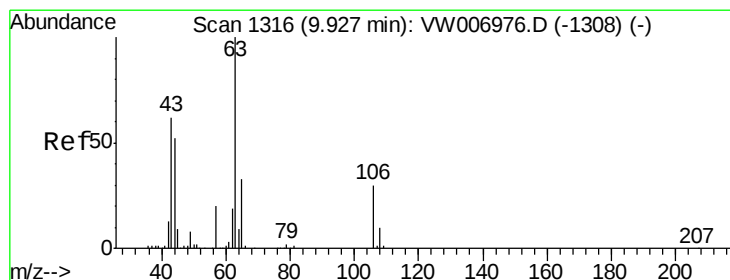
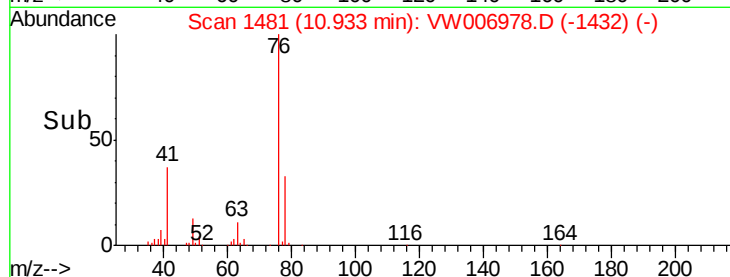
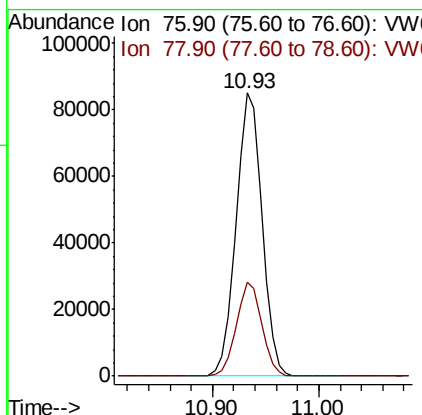
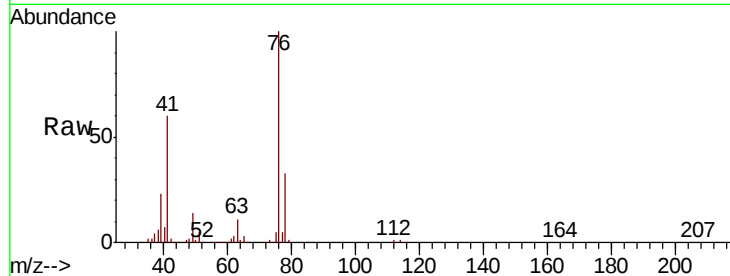




#57
 1,3-Dichloropropane
 Concen: 100.271 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

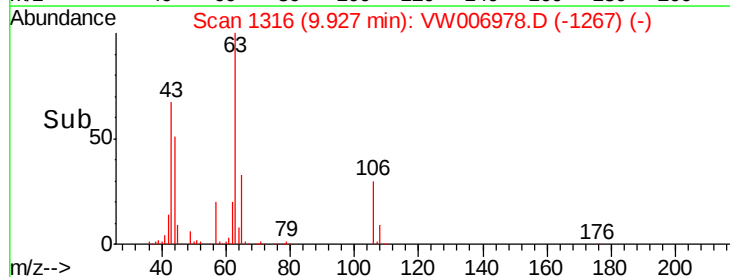
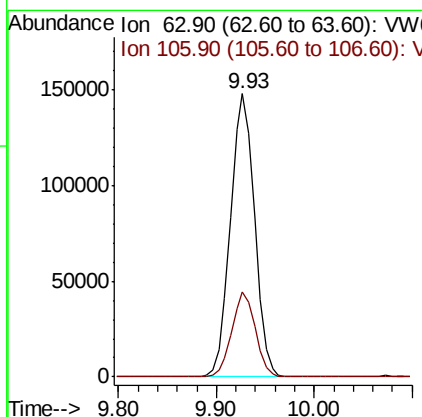
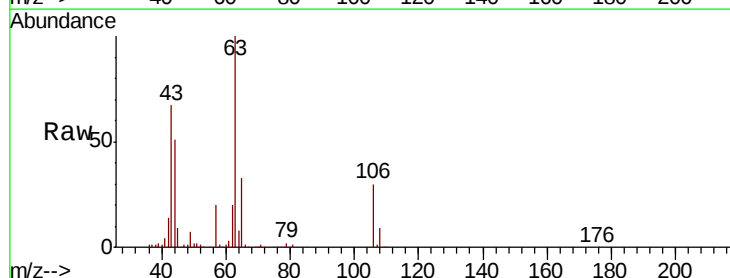
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

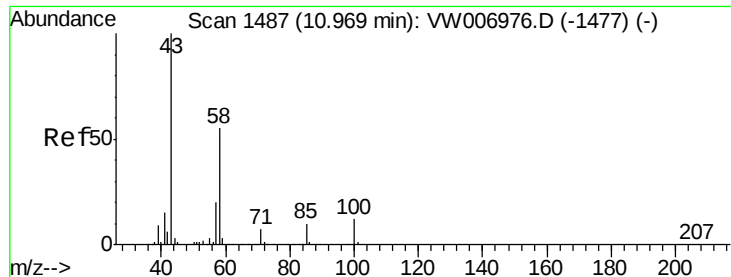
Tgt Ion: 76 Resp: 145795
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 480.778 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion: 63 Resp: 253026
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.5 35.3

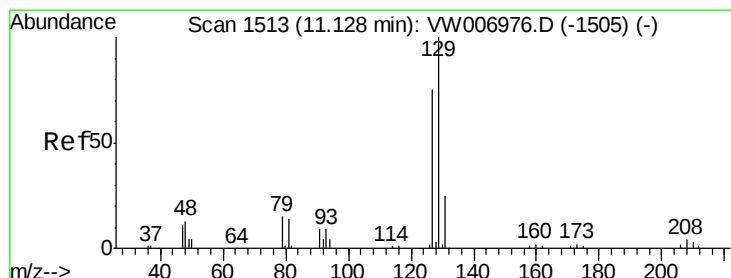
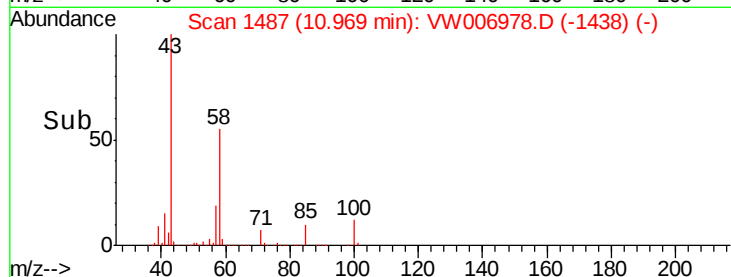
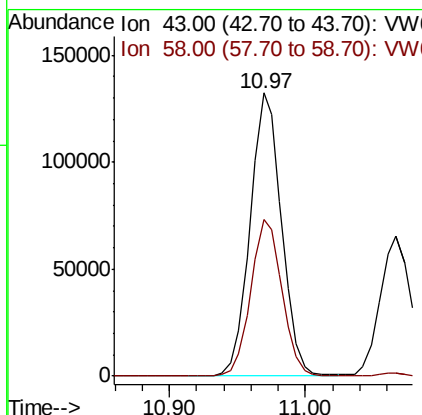
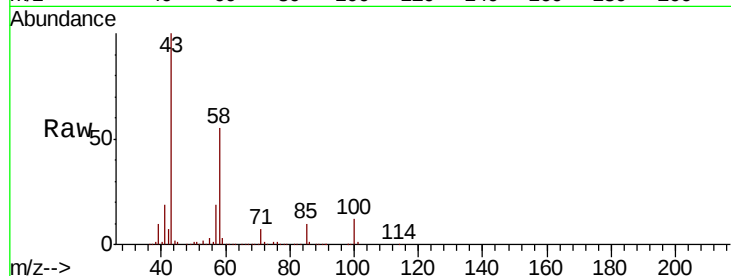




#59
2-Hexanone
Concen: 506.209 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

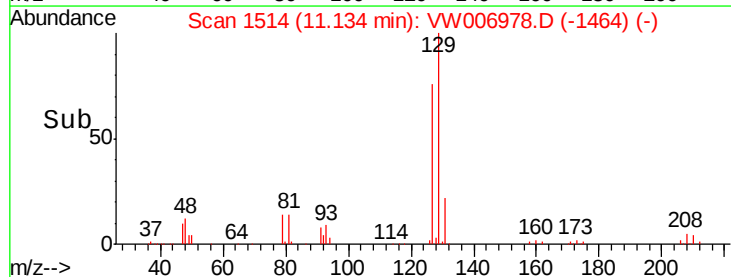
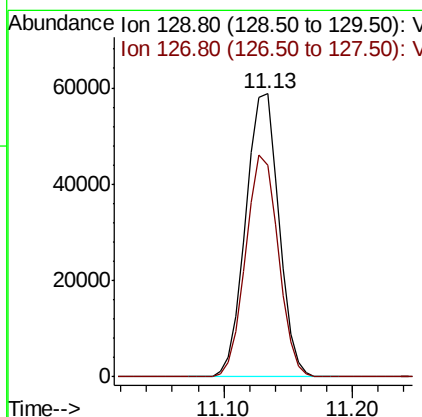
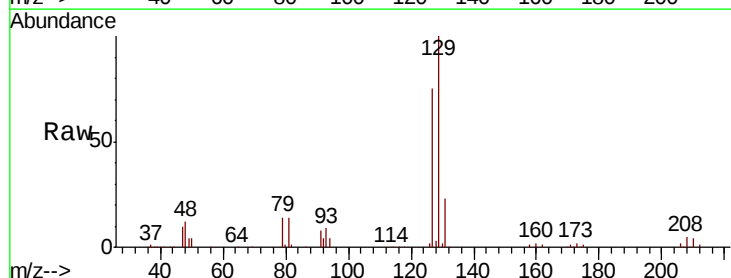
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

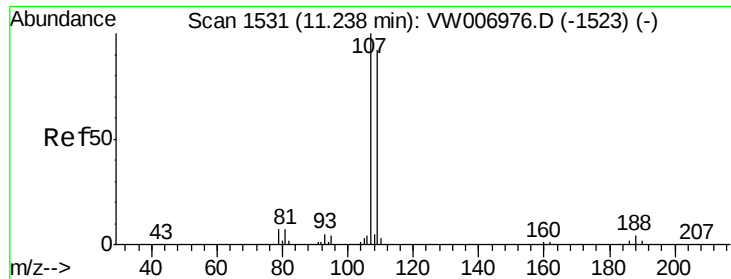
Tgt Ion: 43 Resp: 214092
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 106.034 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 129 Resp: 104831
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

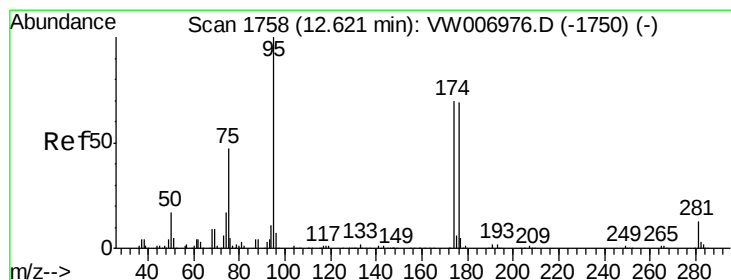
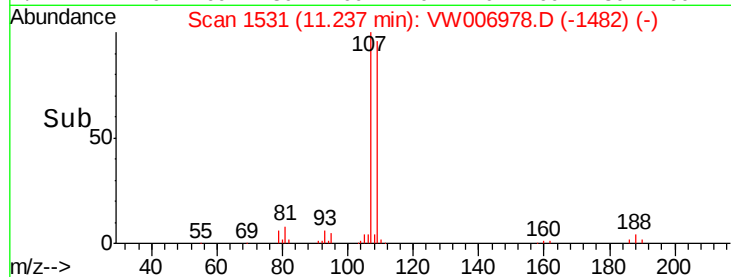
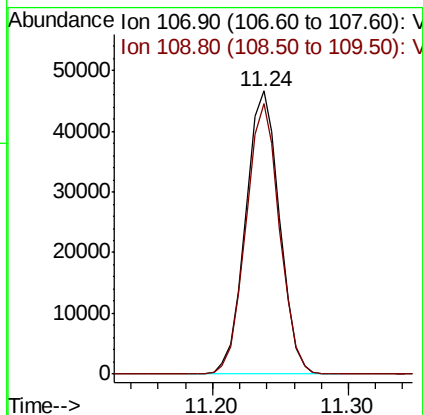
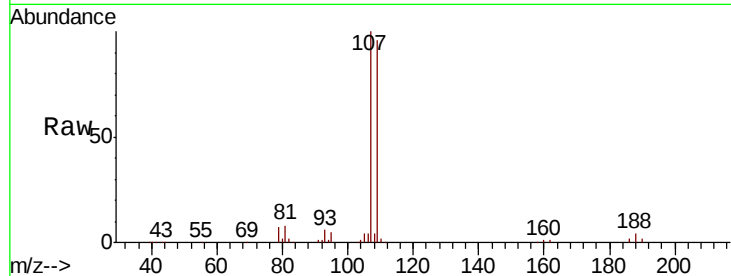




#61
 1,2-Dibromoethane
 Concen: 102.617 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

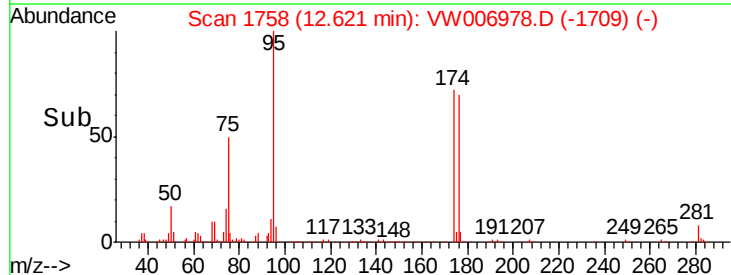
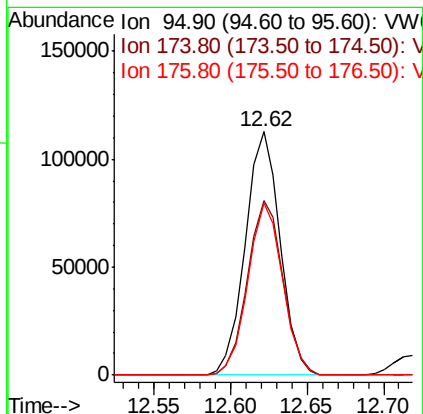
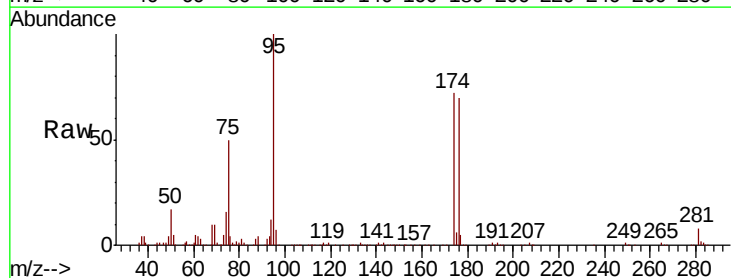
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

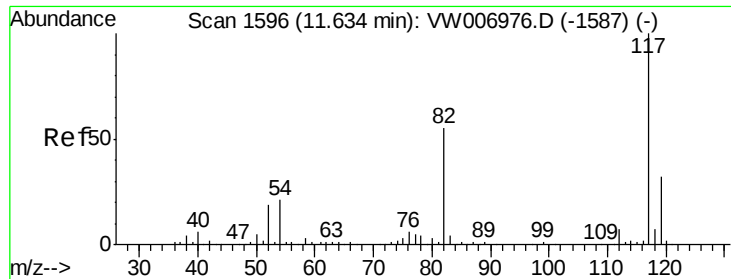
Tgt Ion: 107 Resp: 81448
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 100.553 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion: 95 Resp: 178704
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 143.6
 176 70.4 0.0 140.4

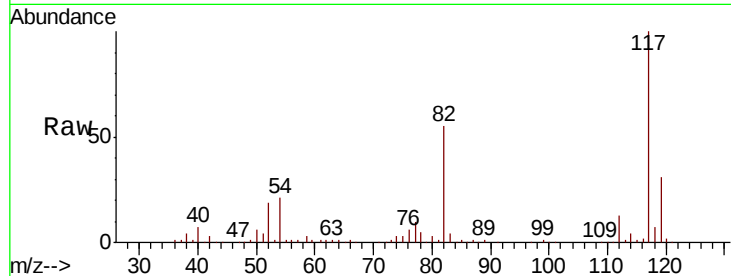




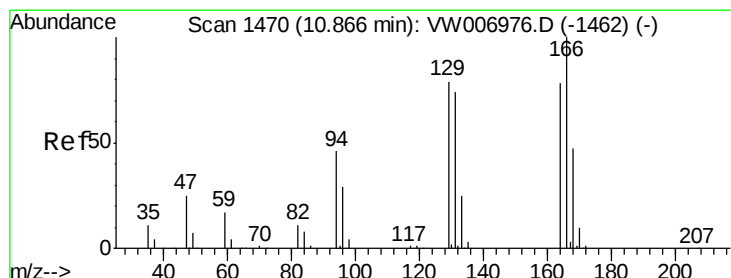
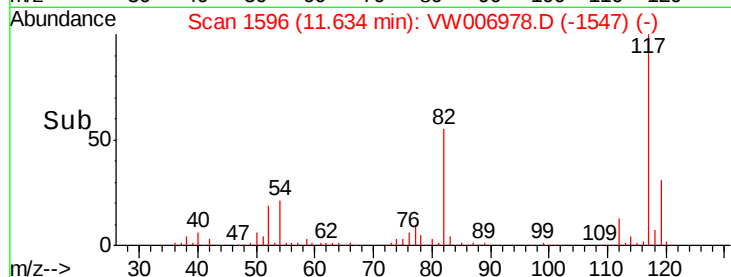
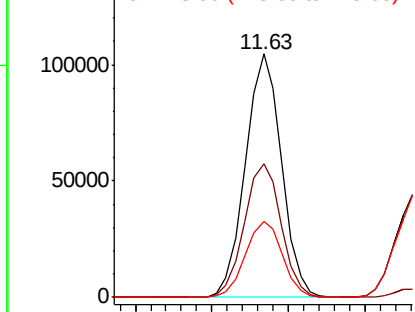
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion:117 Resp: 171513
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.3 25.9 38.9

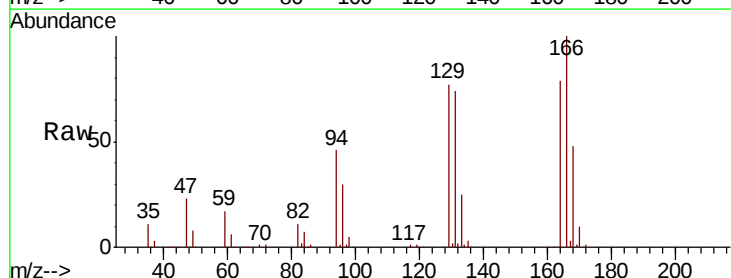


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

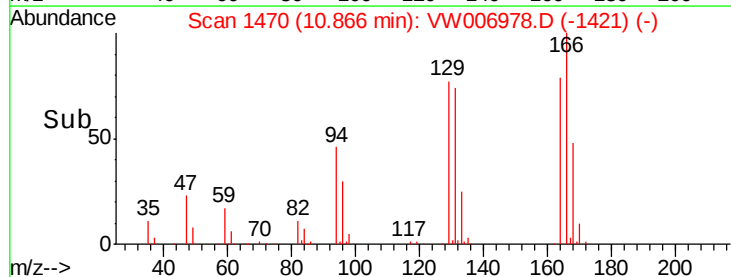
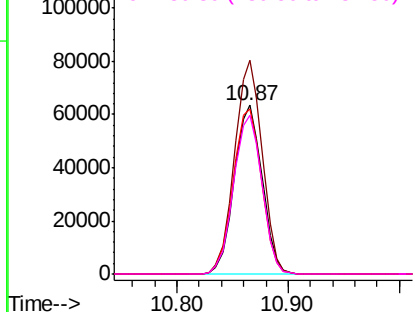


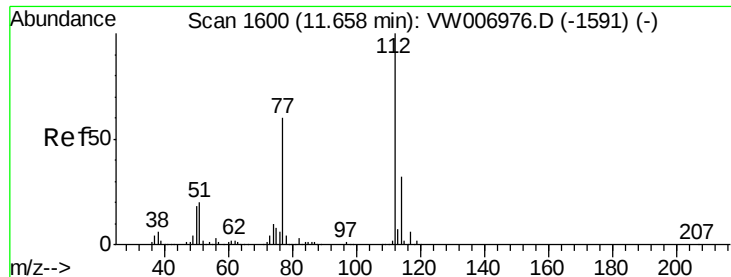
#64
Tetrachloroethene
Concen: 99.763 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion:164 Resp: 110077
Ion Ratio Lower Upper
164 100
166 126.5 102.1 153.1
129 98.0 80.4 120.6
131 93.8 75.2 112.8



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





#65

Chlorobenzene

Concen: 100.007 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

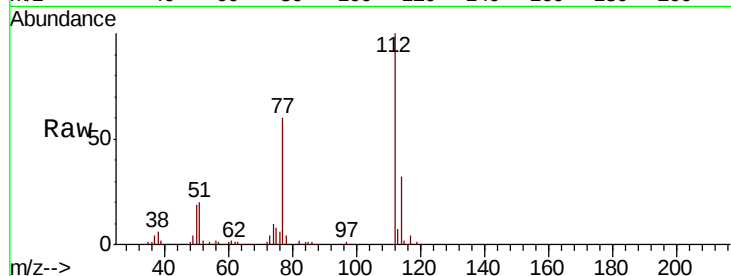
VSTDIC100

Tgt Ion:112 Resp: 357997

Ion Ratio Lower Upper

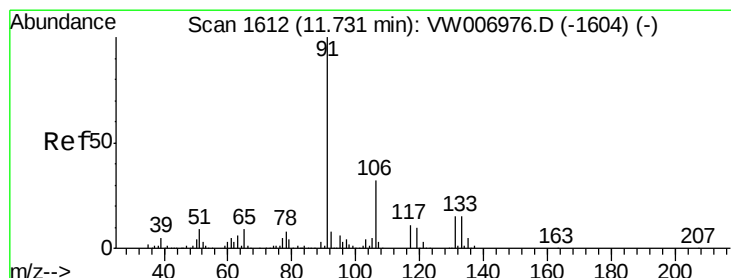
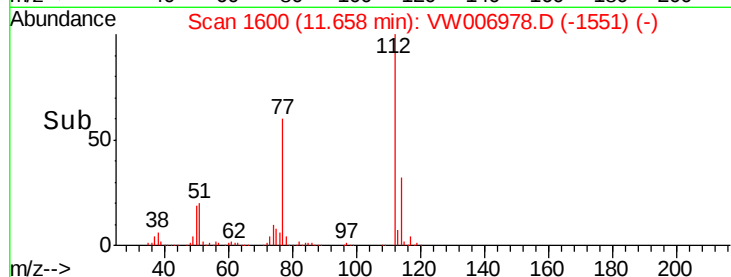
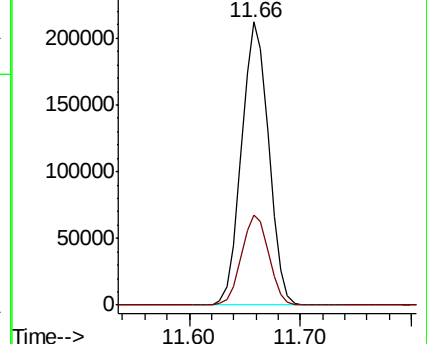
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 102.650 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

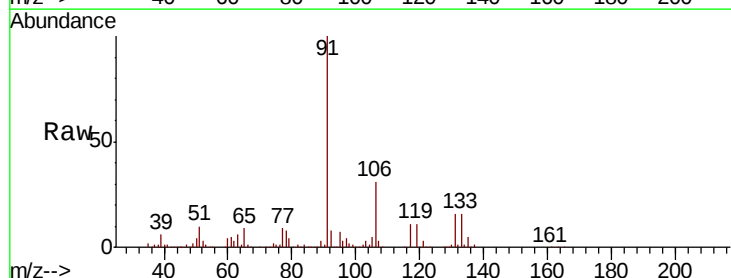
Tgt Ion:131 Resp: 111159

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

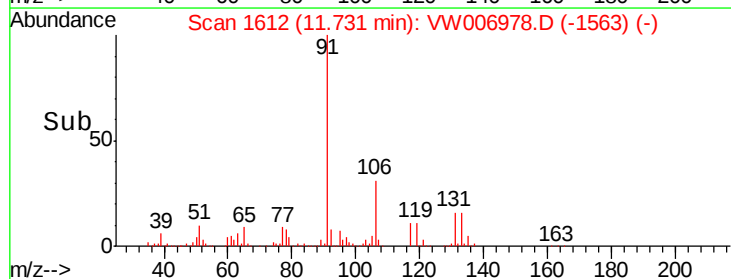
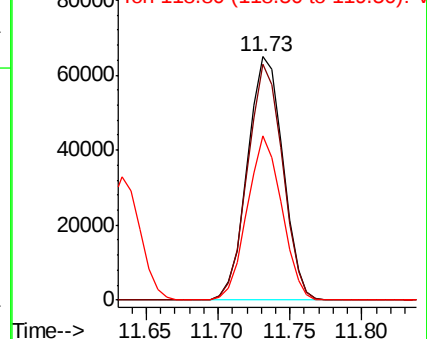
119 65.3 31.8 95.3

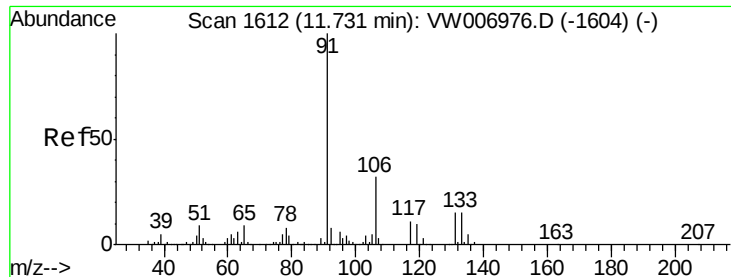


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

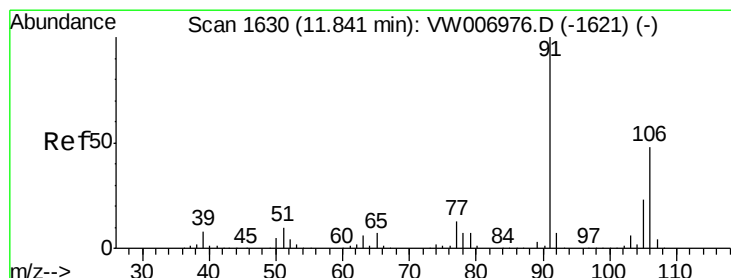
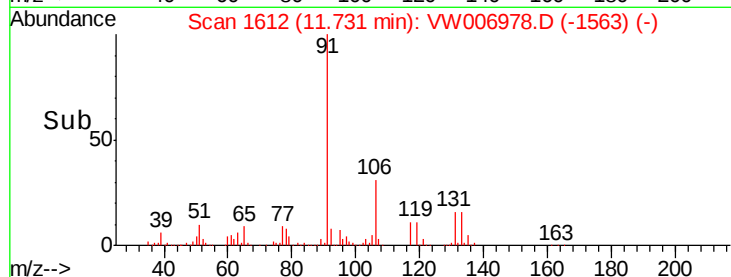
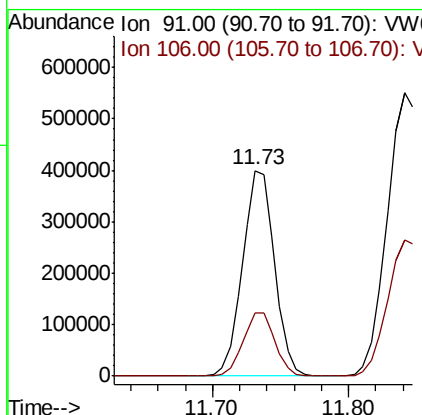
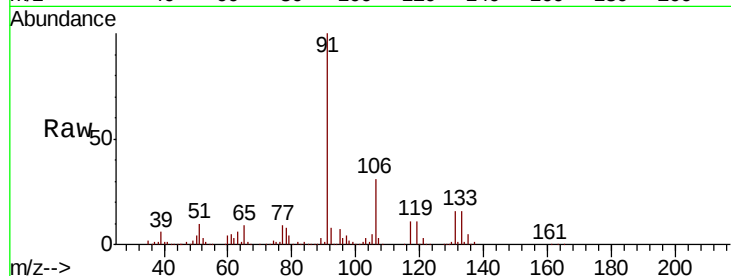




#67
Ethyl Benzene
Concen: 99.645 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

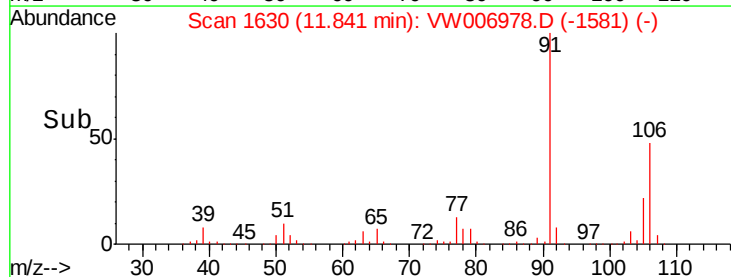
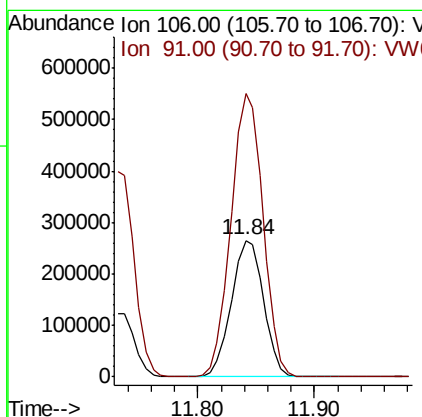
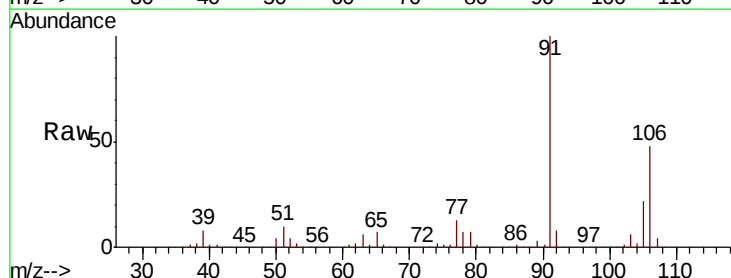
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

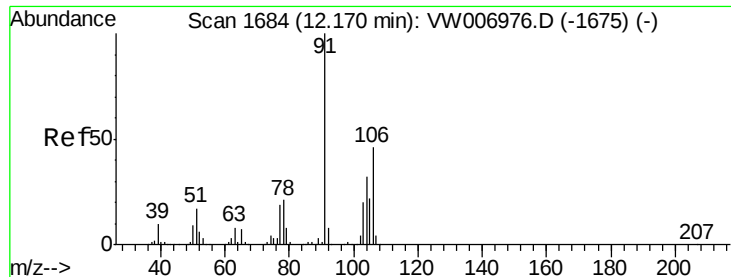
Tgt Ion: 91 Resp: 655284
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 197.681 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 106 Resp: 510025
Ion Ratio Lower Upper
106 100
91 207.0 164.8 247.2

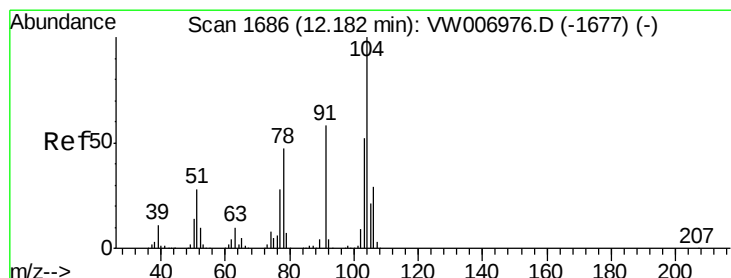
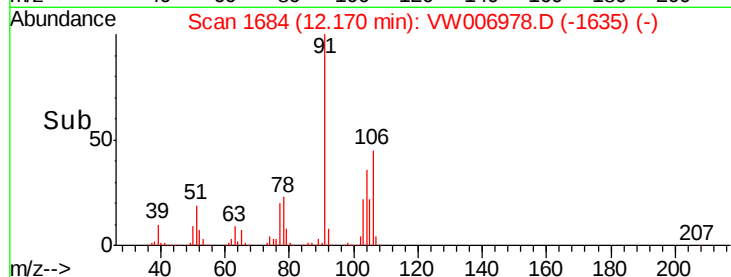
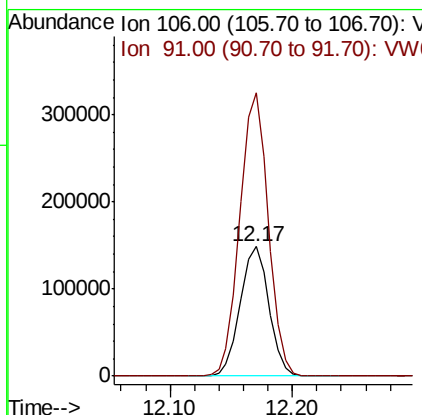
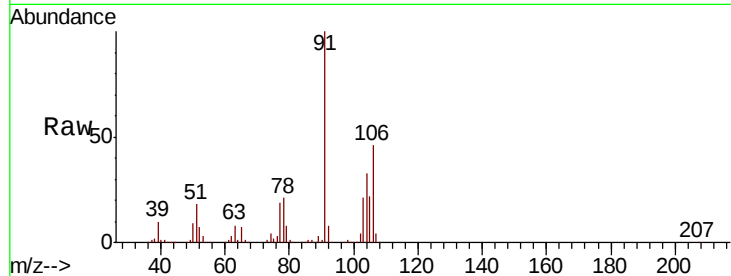




#69
o-Xylene
Concen: 98.986 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

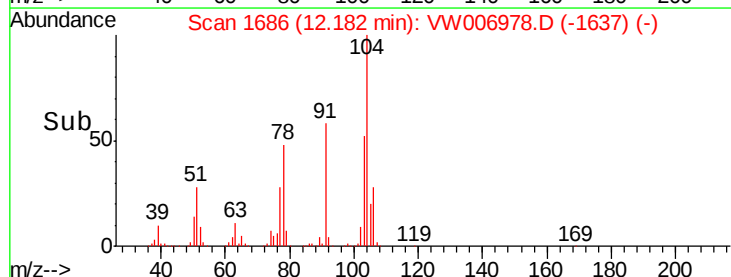
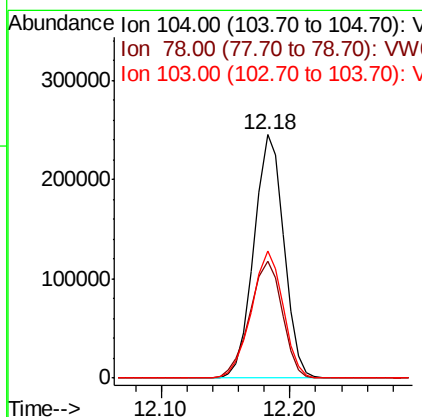
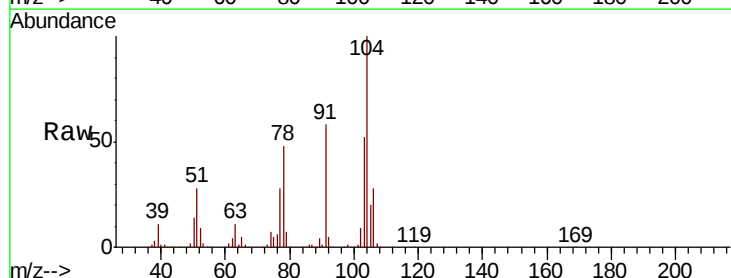
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

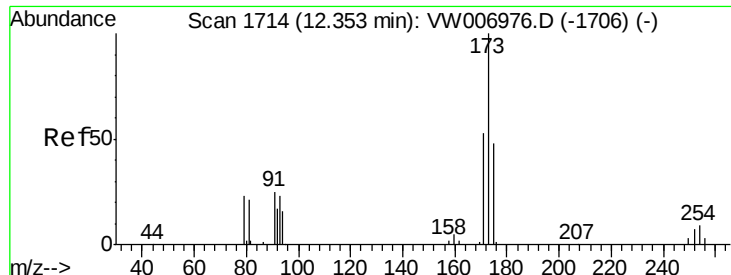
Tgt Ion:106 Resp: 240811
Ion Ratio Lower Upper
106 100
91 217.7 107.9 323.8



#70
Styrene
Concen: 101.506 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion:104 Resp: 393025
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 55.3 44.4 66.6

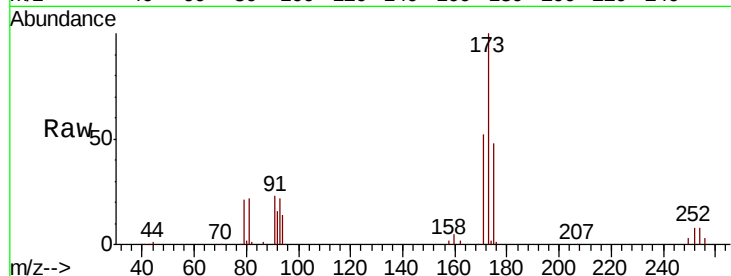




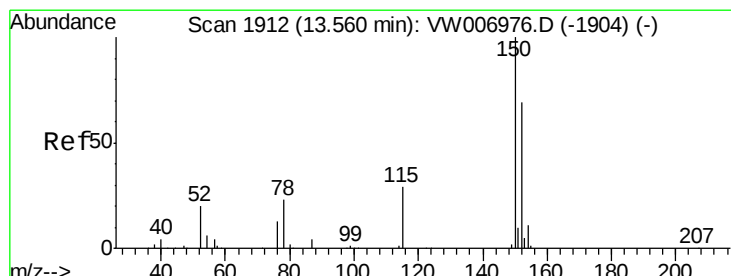
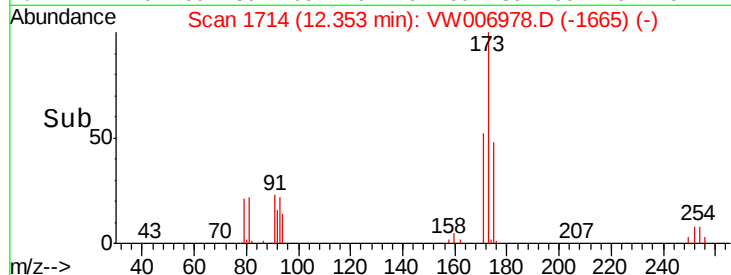
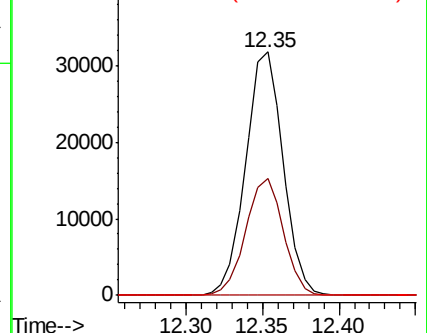
#71
Bromoform
Concen: 106.198 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 54175
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.0 0.0

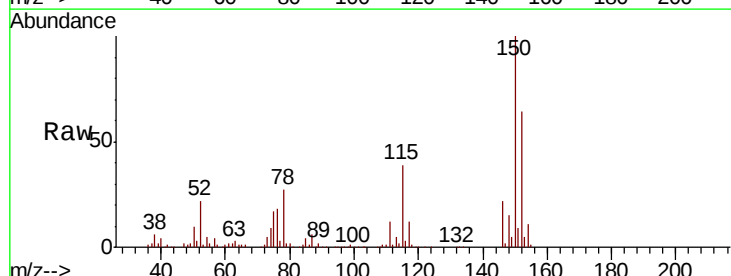


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

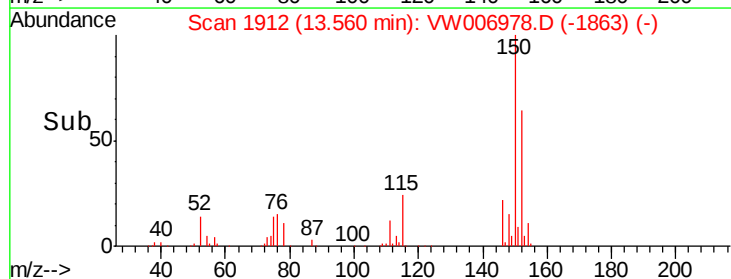
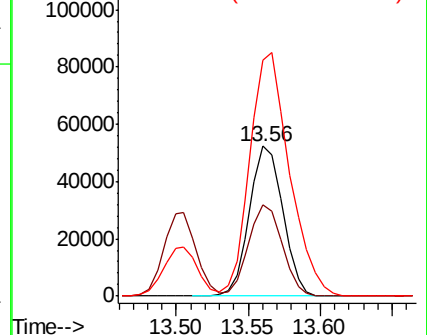


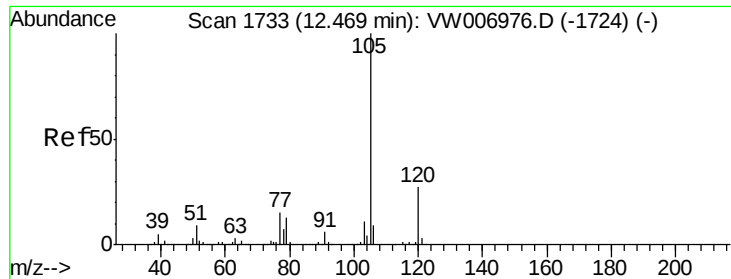
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion:152 Resp: 83971
Ion Ratio Lower Upper
152 100
115 61.5 31.4 94.2
150 192.4 0.0 353.4



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: 100.796 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

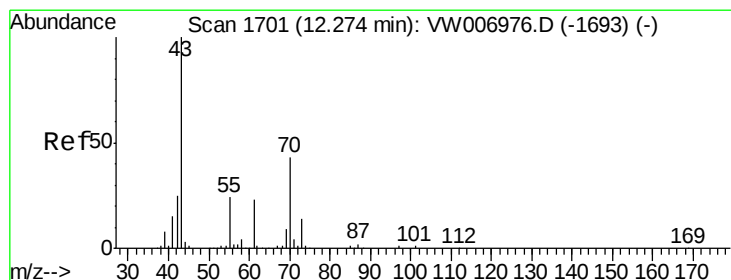
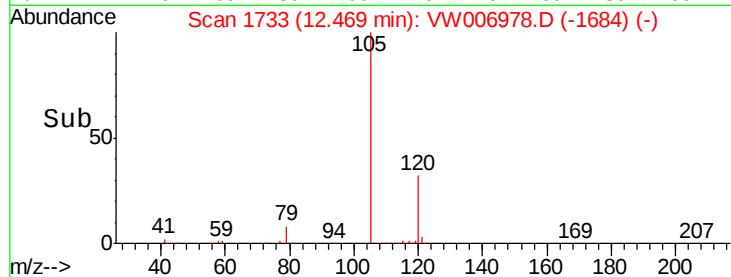
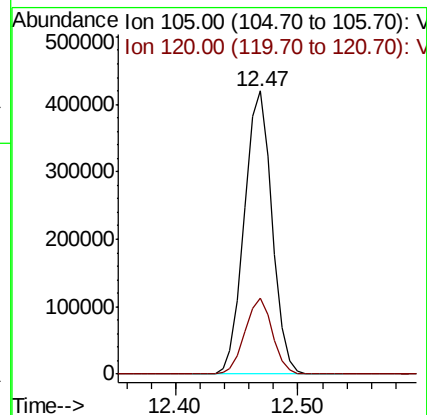
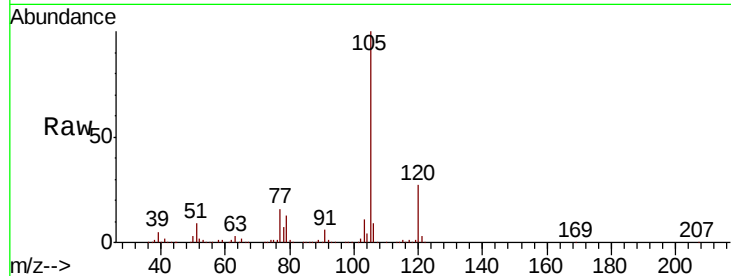
VSTDIC100

Tgt Ion:105 Resp: 657805

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 106.189 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Tgt Ion: 43 Resp: 116146

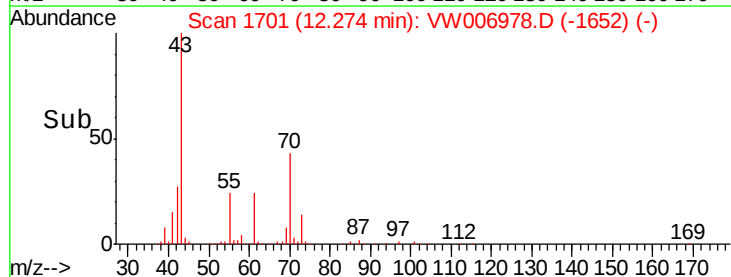
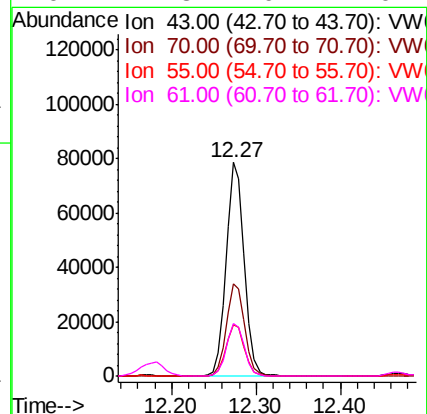
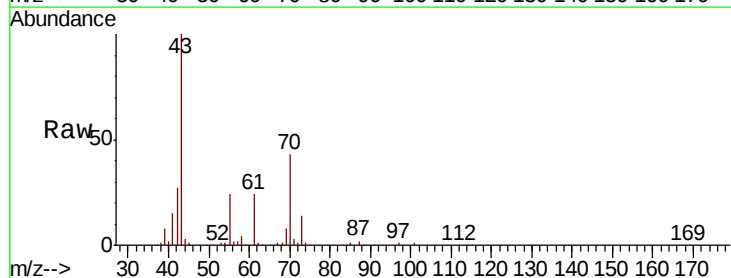
Ion Ratio Lower Upper

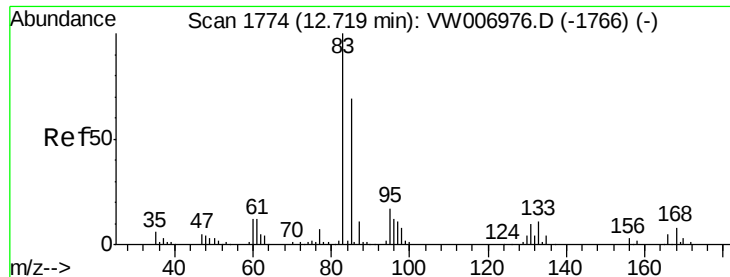
43 100

70 43.3 34.0 51.0

55 24.6 19.4 29.0

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 101.516 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

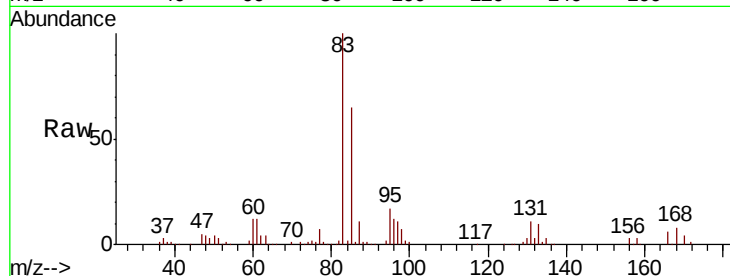
Tgt Ion: 83 Resp: 88168

Ion Ratio Lower Upper

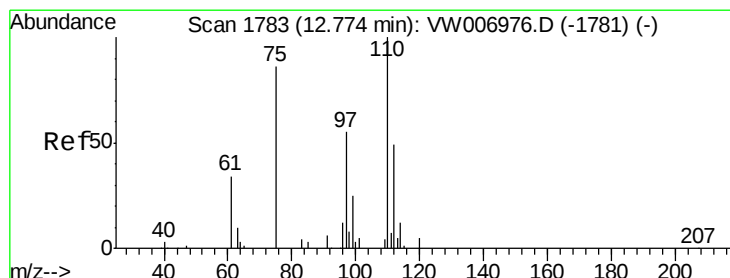
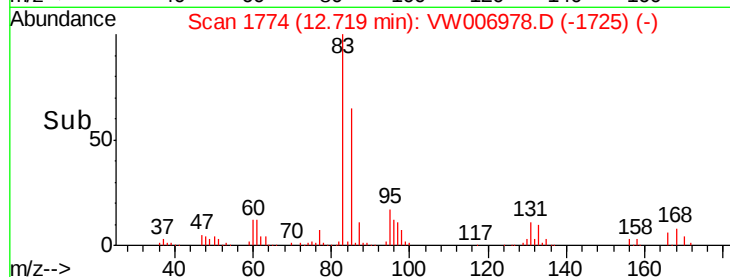
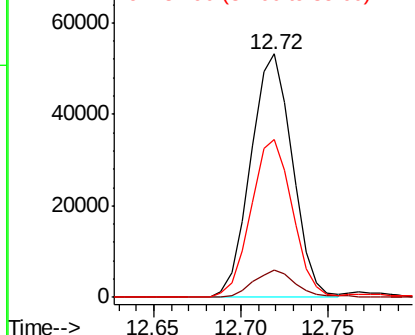
83 100

131 11.8 5.7 17.1

85 64.4 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 112.938 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006978.D

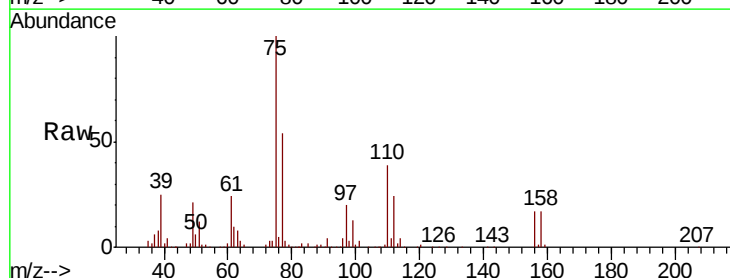
Acq: 20 Nov 2018 15:55

Tgt Ion: 75 Resp: 122746

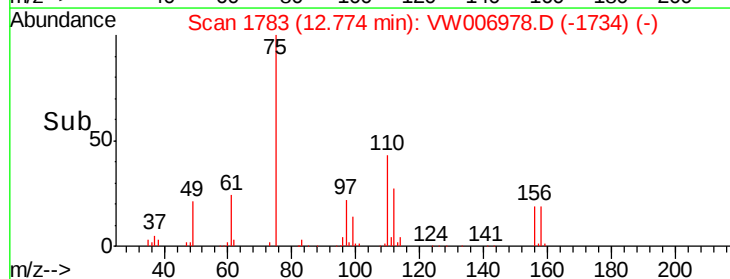
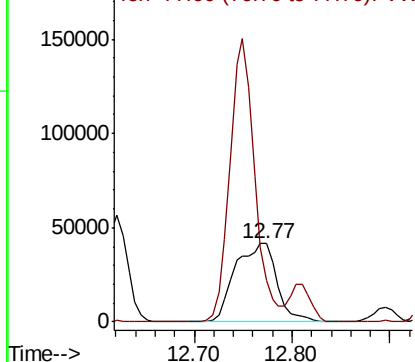
Ion Ratio Lower Upper

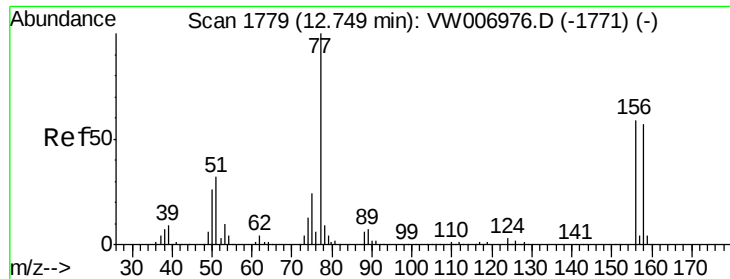
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.505 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

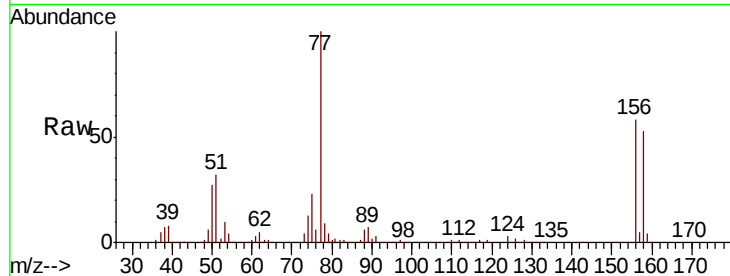
Tgt Ion:156 Resp: 140877

Ion Ratio Lower Upper

156 100

77 188.0 94.6 283.8

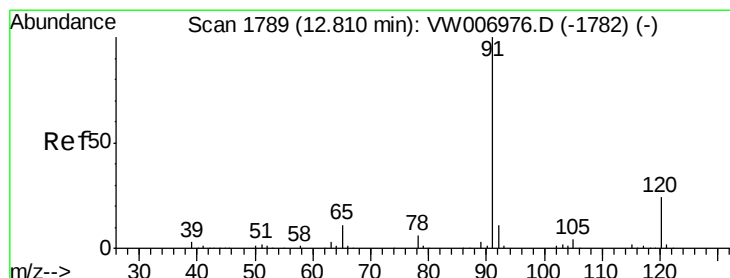
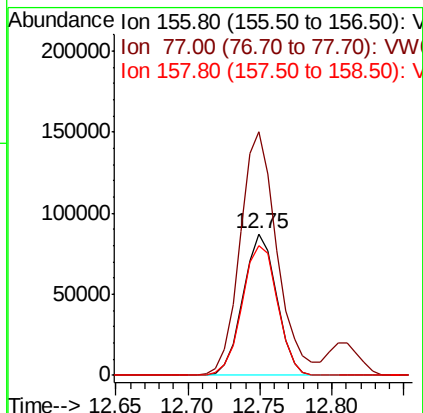
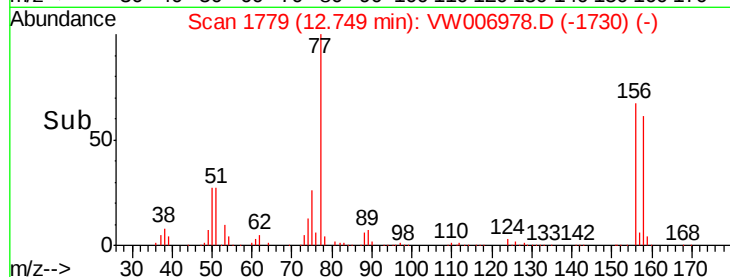
158 96.0 48.9 146.7



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: 100.490 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006978.D

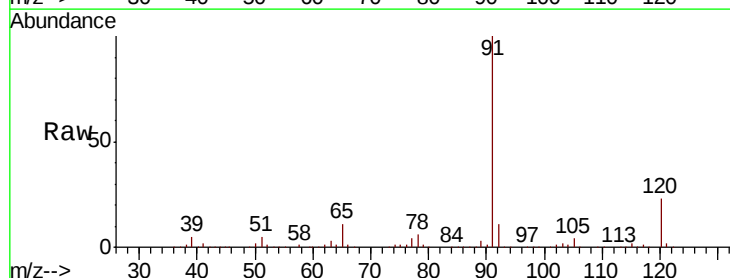
Acq: 20 Nov 2018 15:55

Tgt Ion: 91 Resp: 794387

Ion Ratio Lower Upper

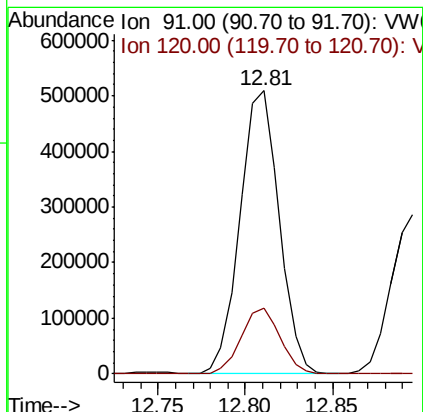
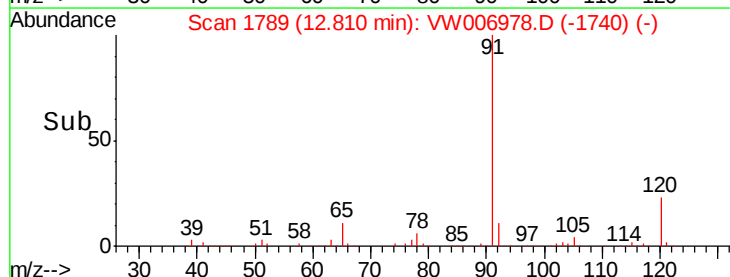
91 100

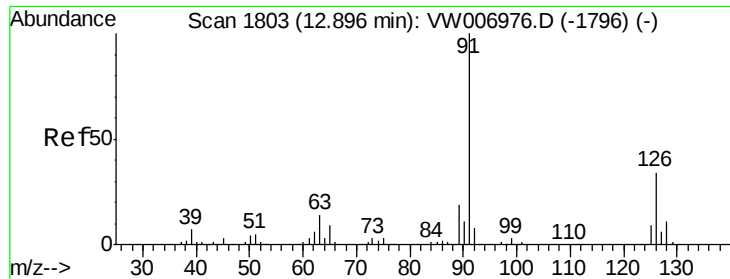
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

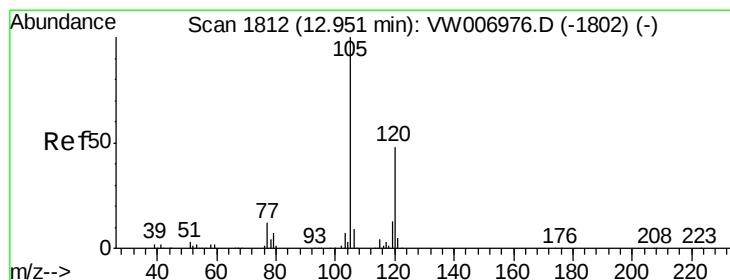
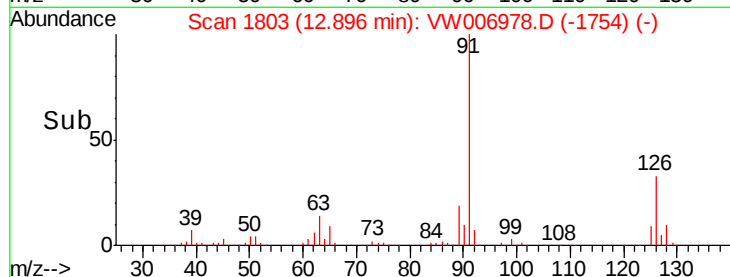
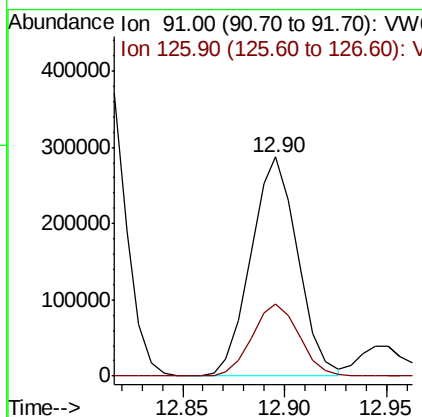
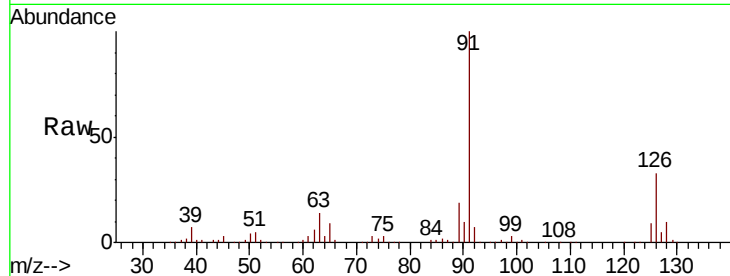




#79
2-Chlorotoluene
Concen: 100.483 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

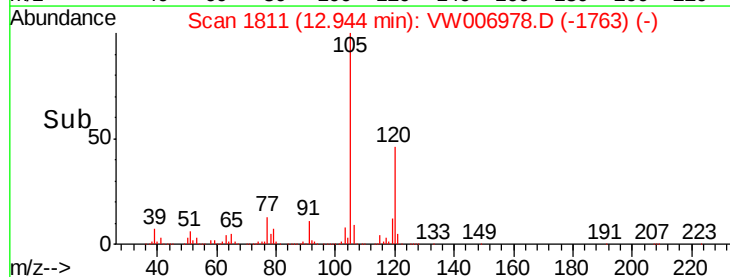
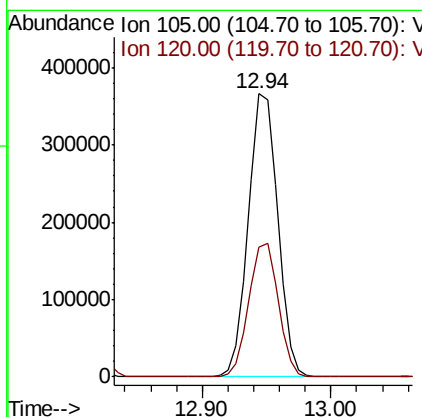
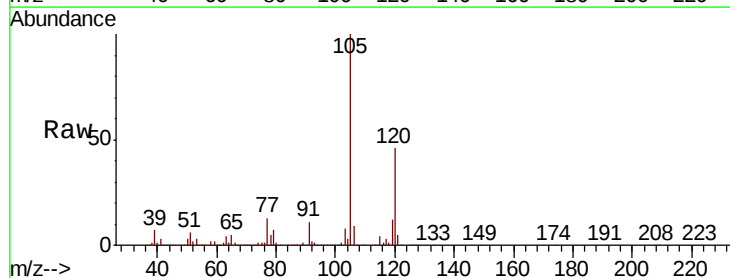
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

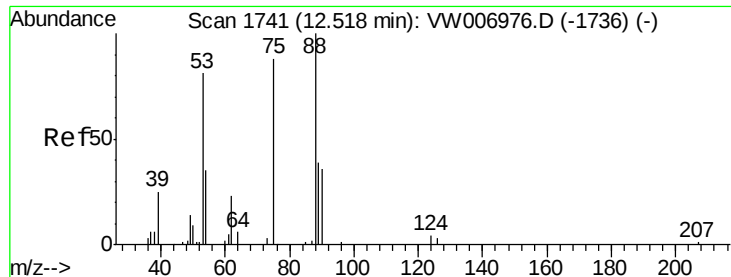
Tgt Ion: 91 Resp: 458003
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 102.105 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion: 105 Resp: 576229
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 104.908 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

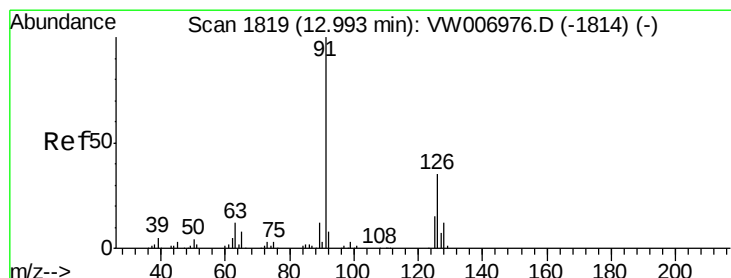
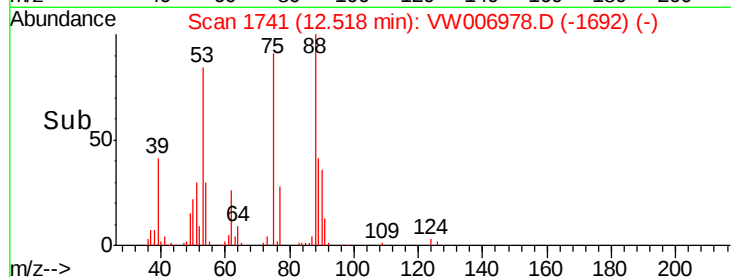
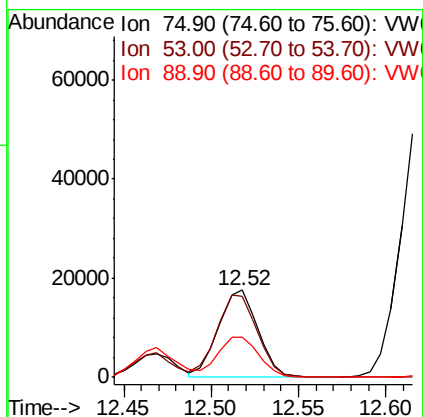
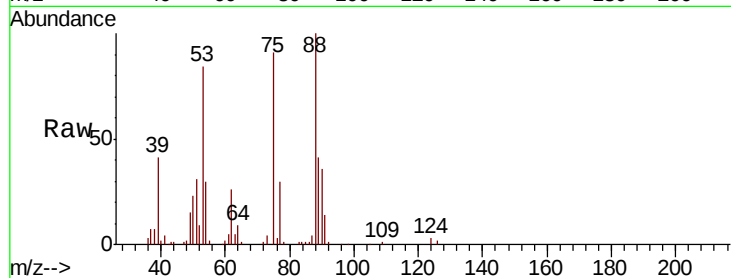
Tgt Ion: 75 Resp: 27572

Ion Ratio Lower Upper

75 100

53 97.9 77.6 116.4

89 47.2 39.3 58.9



#82

4-Chlorotoluene

Concen: 100.477 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006978.D

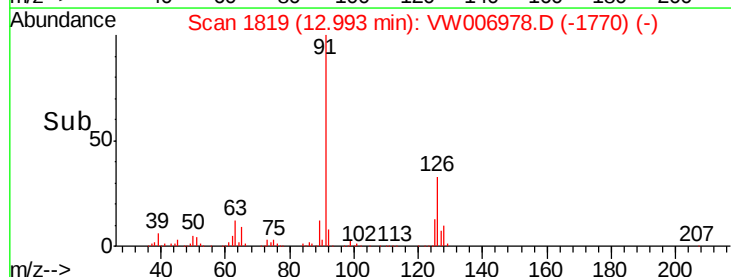
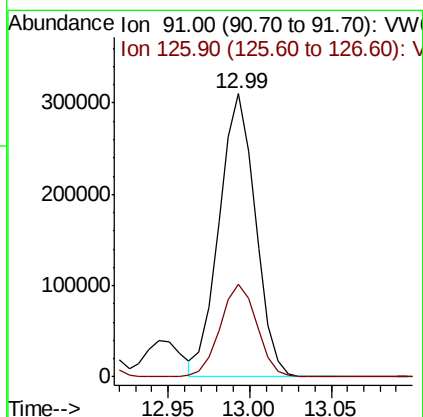
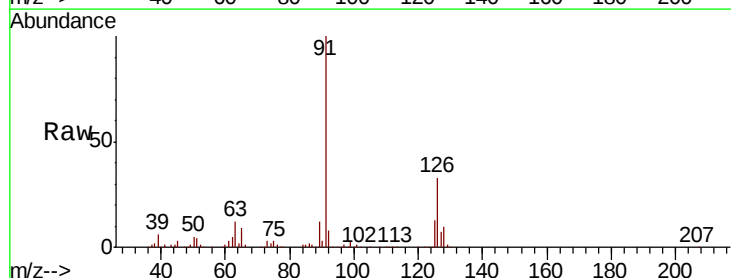
Acq: 20 Nov 2018 15:55

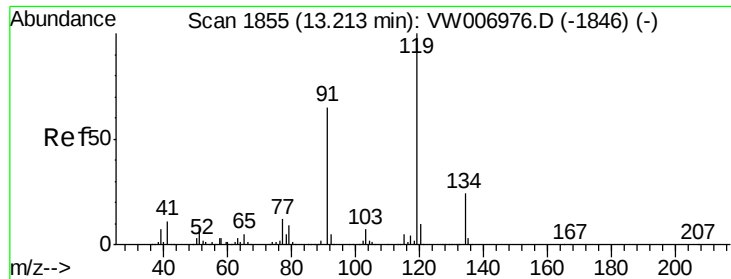
Tgt Ion: 91 Resp: 480602

Ion Ratio Lower Upper

91 100

126 33.1 16.6 49.7

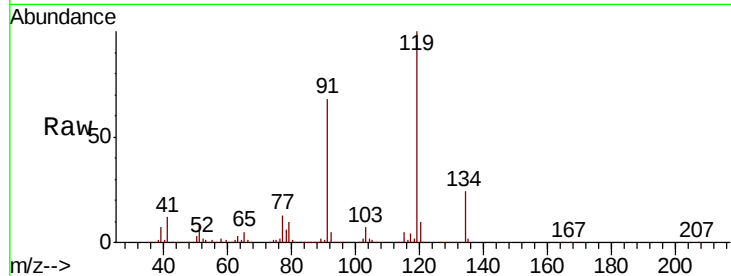




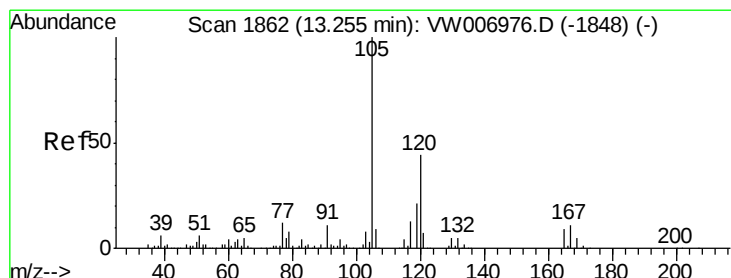
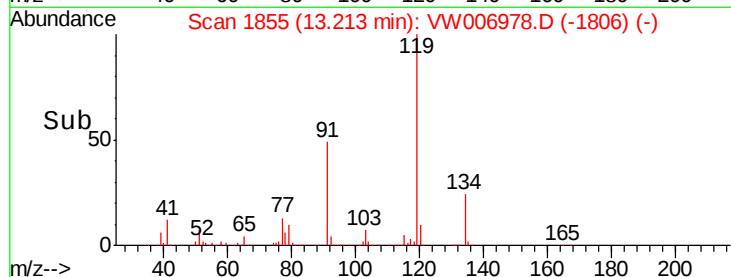
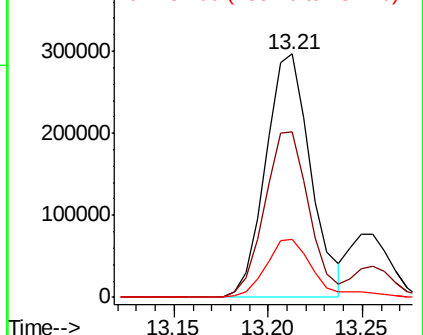
#83
tert-Butylbenzene
Concen: 100.835 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 492678
Ion Ratio Lower Upper
119 100
91 67.1 33.5 100.5
134 25.4 12.6 37.8

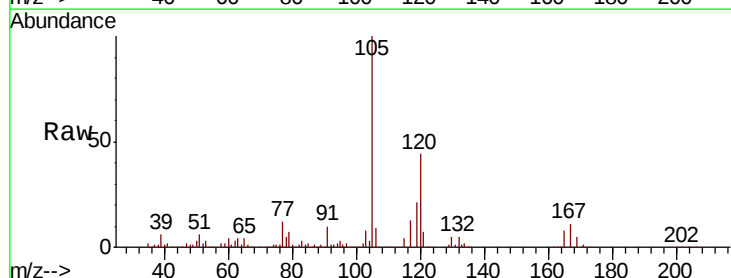


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

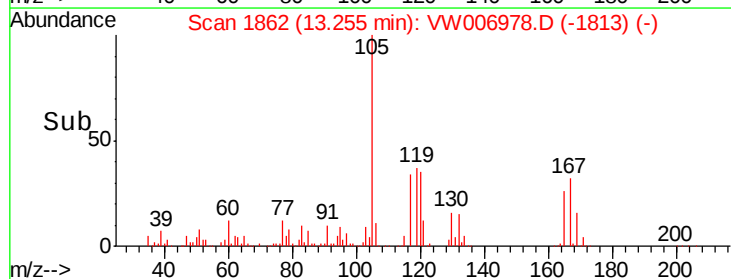
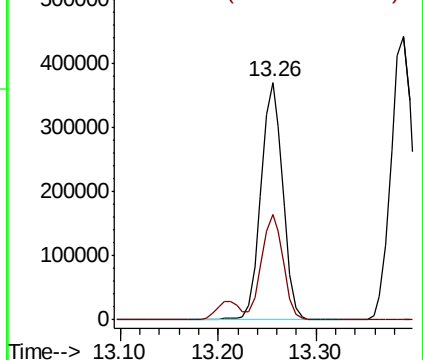


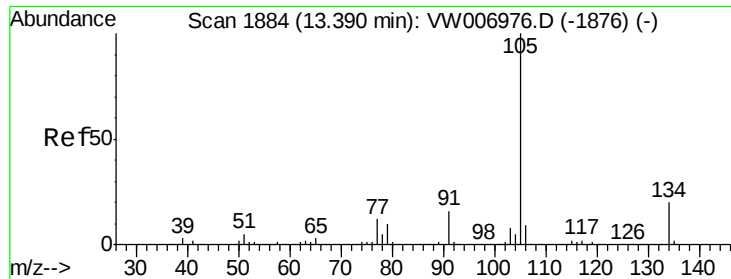
#84
1,2,4-Trimethylbenzene
Concen: 102.805 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006978.D
Acq: 20 Nov 2018 15:55

Tgt Ion:105 Resp: 578035
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3



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

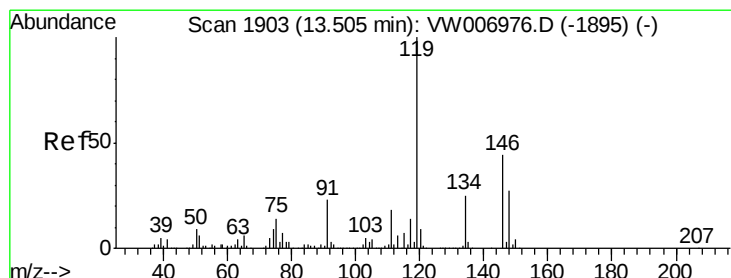
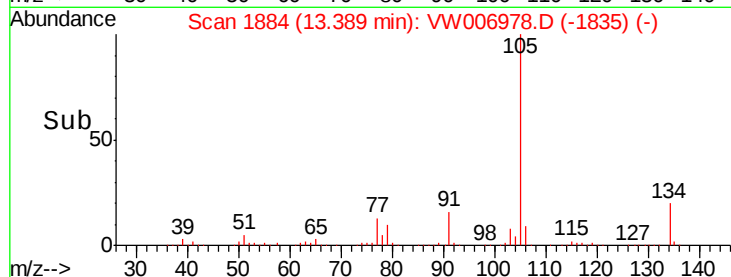
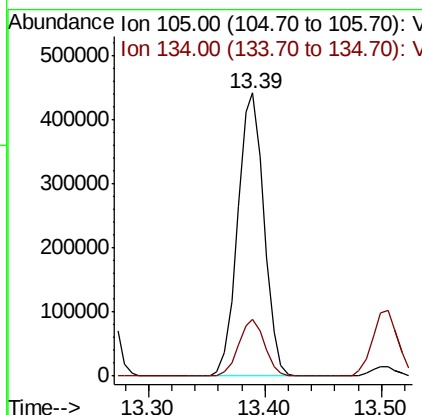
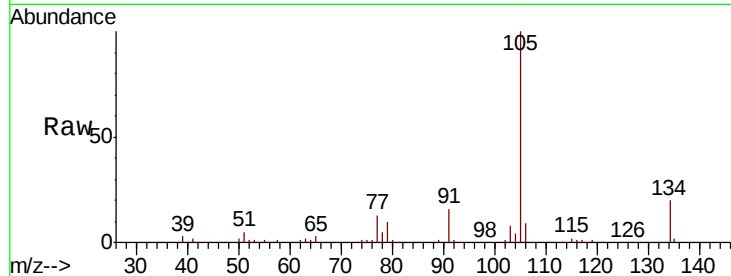




#85
 sec-Butylbenzene
 Concen: 100.671 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

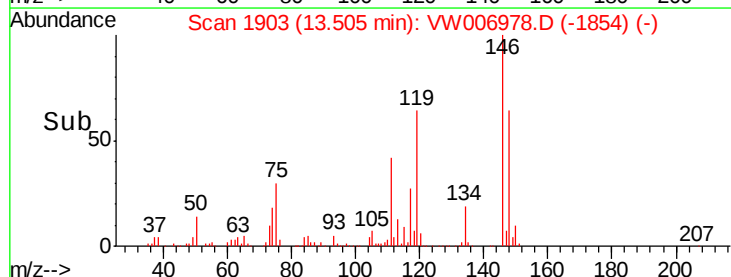
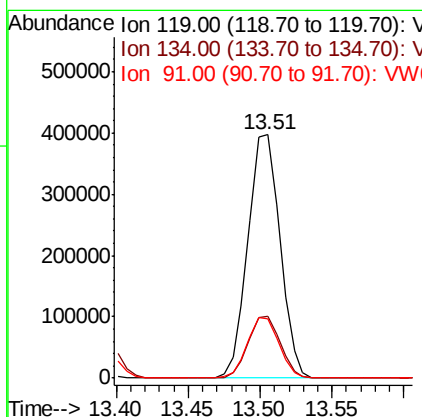
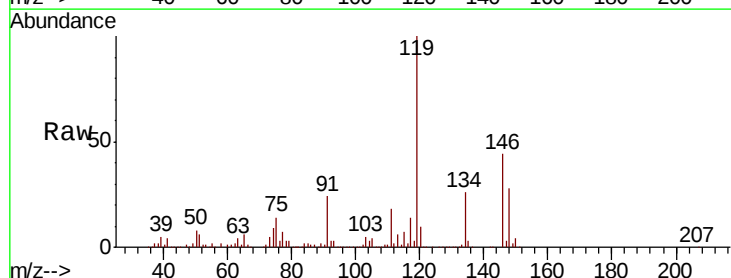
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

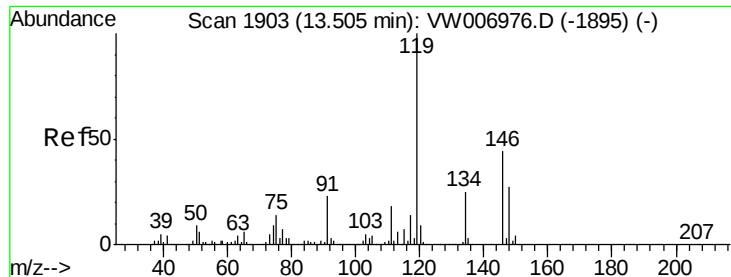
Tgt Ion:105 Resp: 694891
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 100.713 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion:119 Resp: 613300
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.7 12.2 36.6

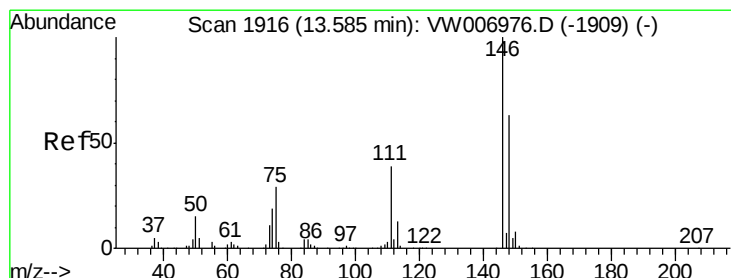
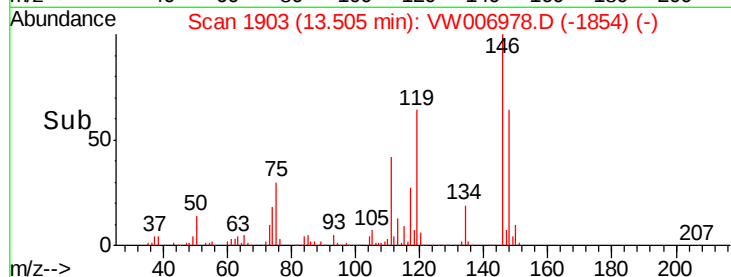
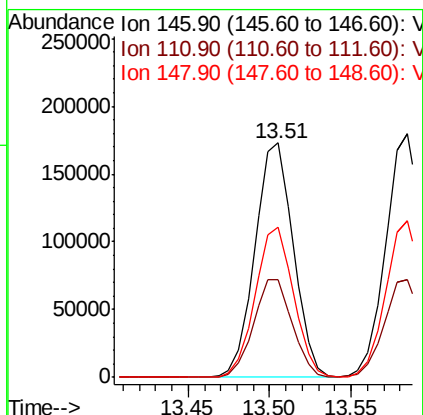
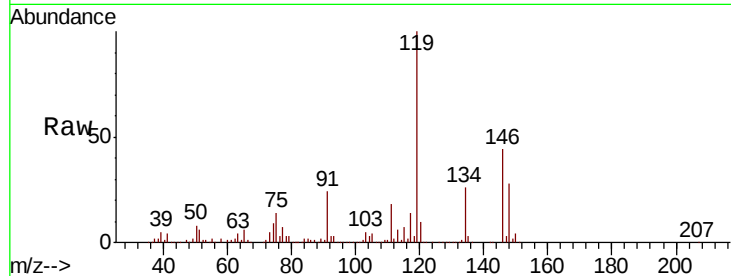




#87
 1,3-Dichlorobenzene
 Concen: 98.709 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

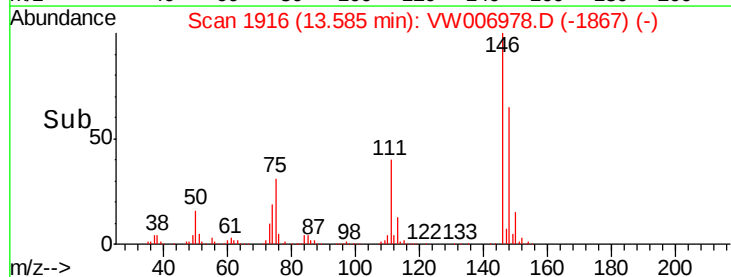
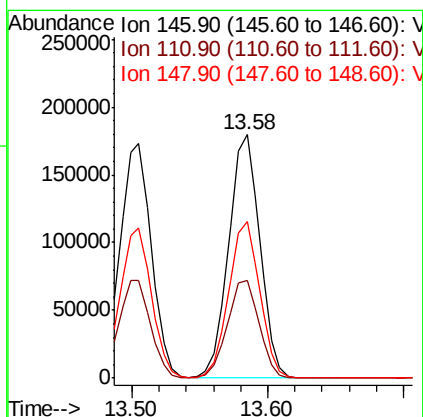
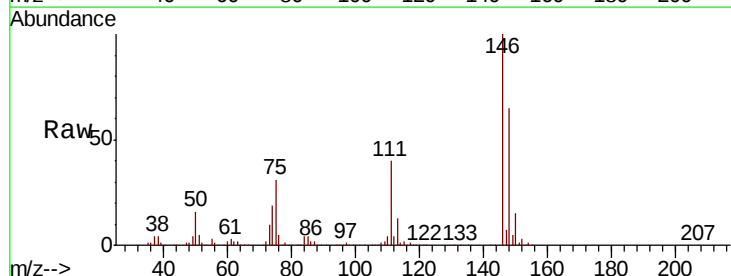
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

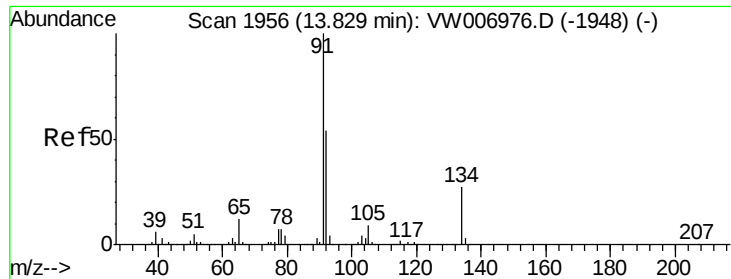
Tgt Ion:146 Resp: 282466
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 63.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 100.042 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion:146 Resp: 285430
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 64.2 32.3 96.8





#89

n-Butylbenzene

Concen: 102.967 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

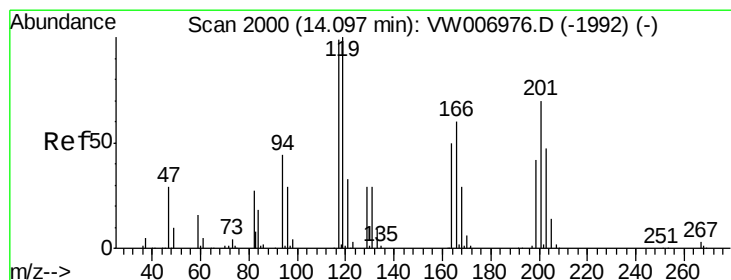
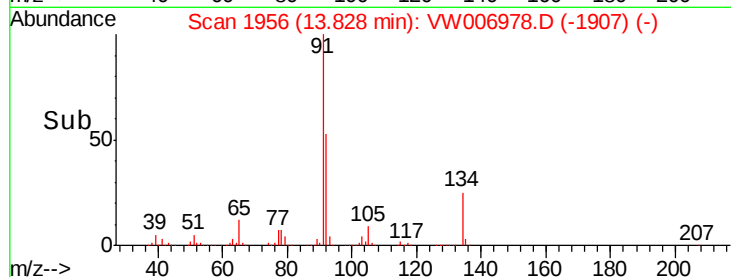
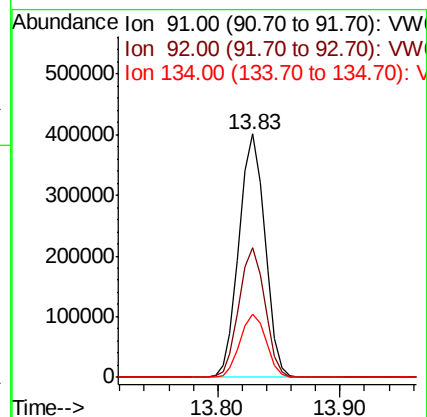
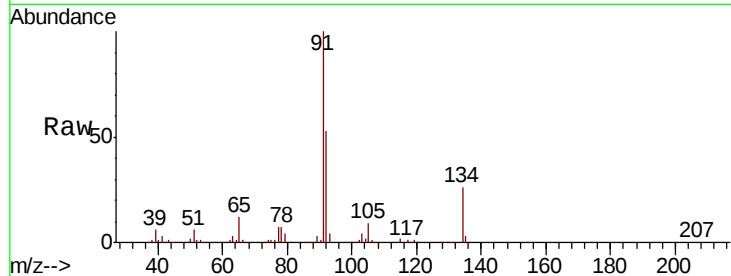
Tgt Ion: 91 Resp: 590071

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 26.2 13.3 39.8



#90

Hexachloroethane

Concen: 107.288 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006978.D

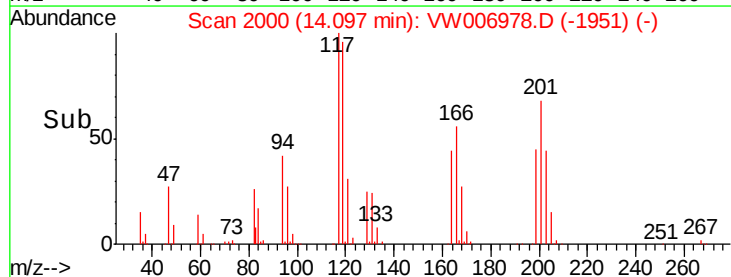
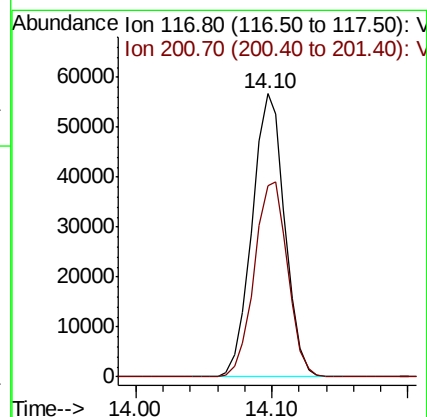
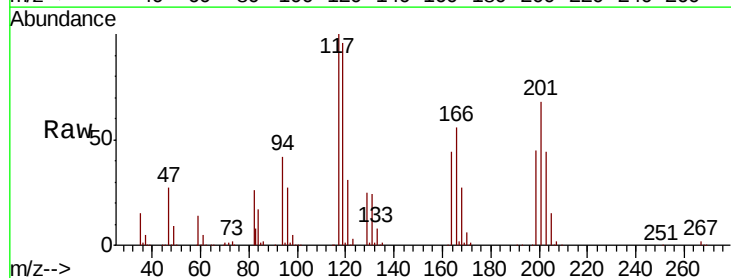
Acq: 20 Nov 2018 15:55

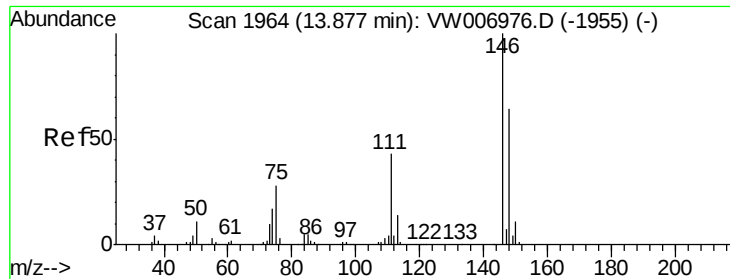
Tgt Ion: 117 Resp: 95384

Ion Ratio Lower Upper

117 100

201 70.5 35.9 107.5

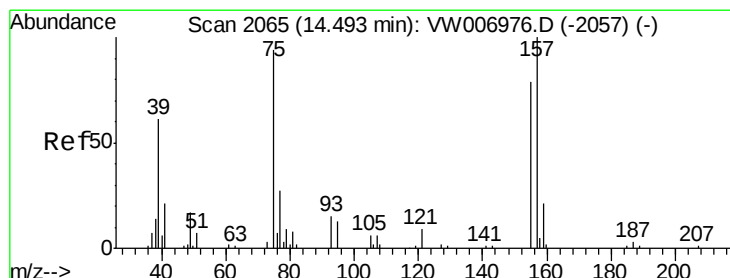
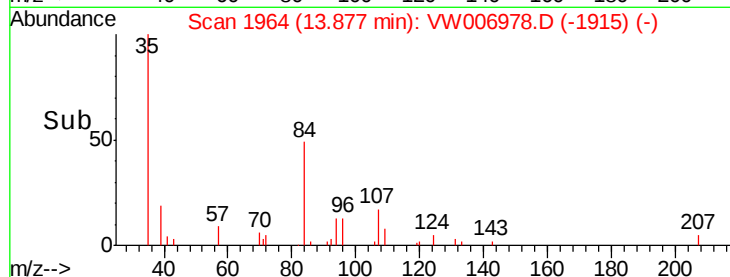
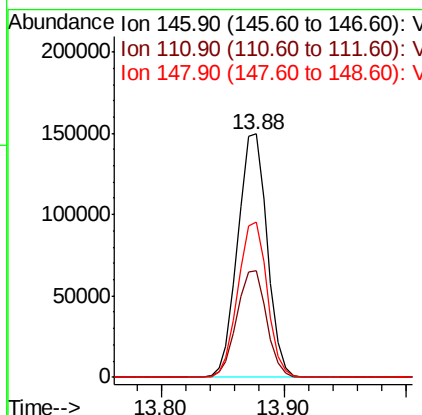
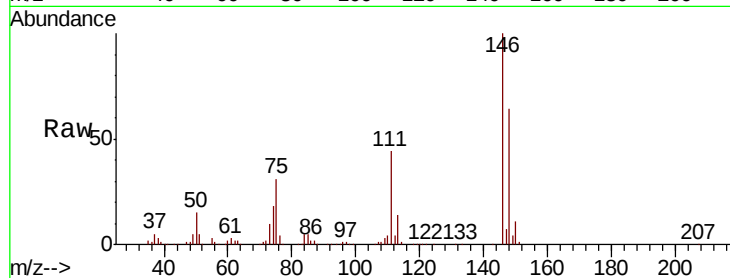




#91
 1,2-Dichlorobenzene
 Concen: 99.385 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

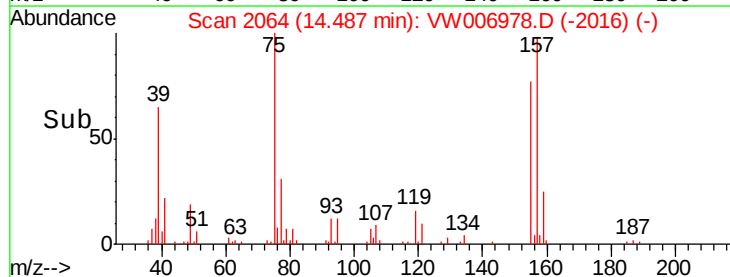
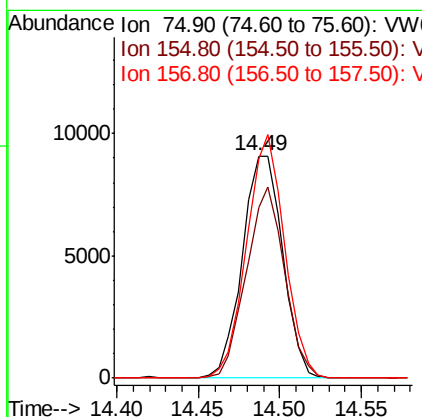
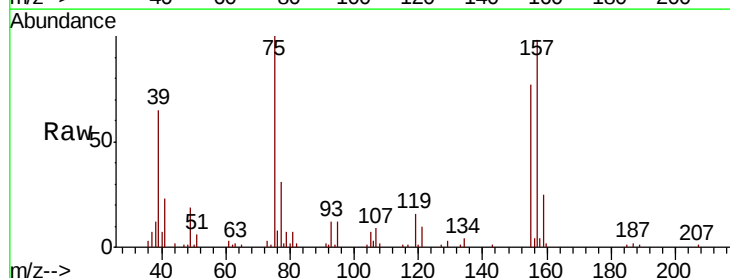
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

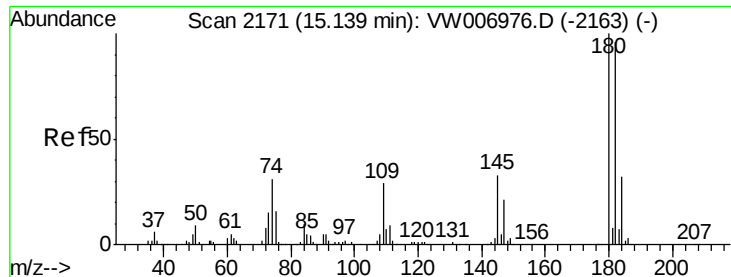
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.7
148	63.6	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.861 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	42.6	127.8
157	102.8	55.0	165.0

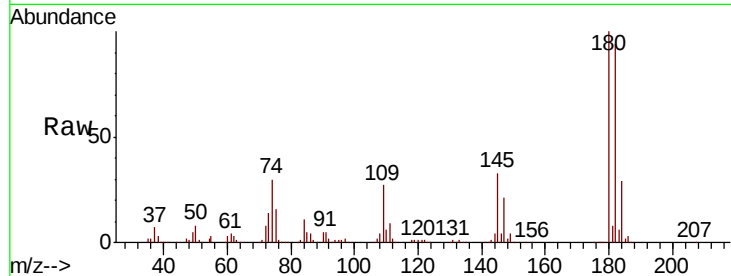




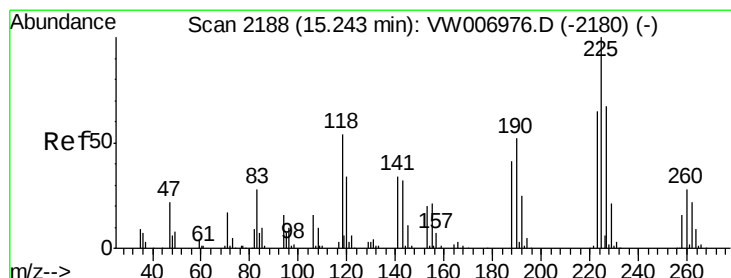
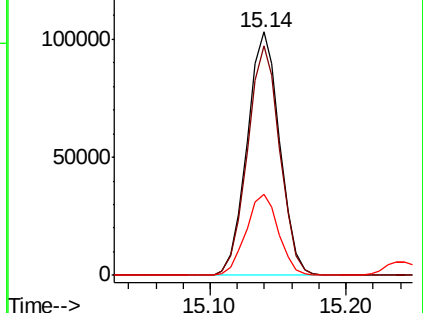
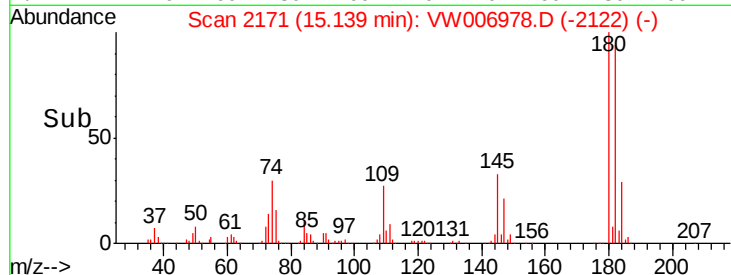
#93
 1,2,4-Trichlorobenzene
 Concen: 104.271 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 172404
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.1 141.3
 145 33.5 16.5 49.5

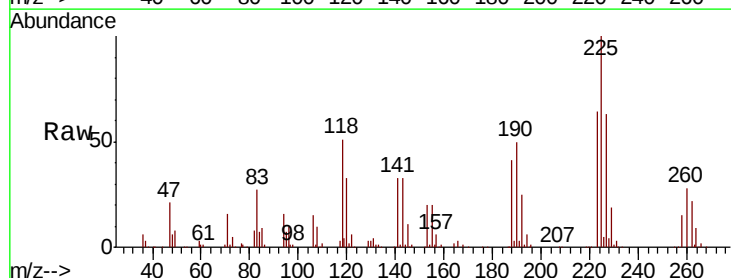


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

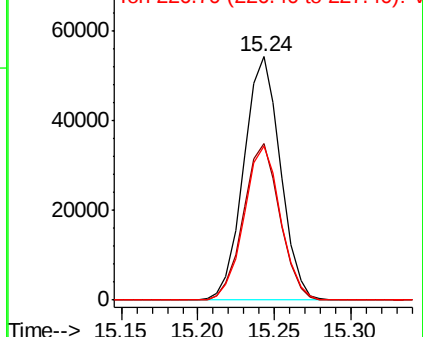
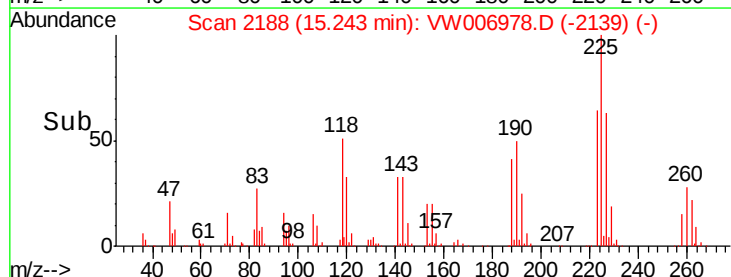


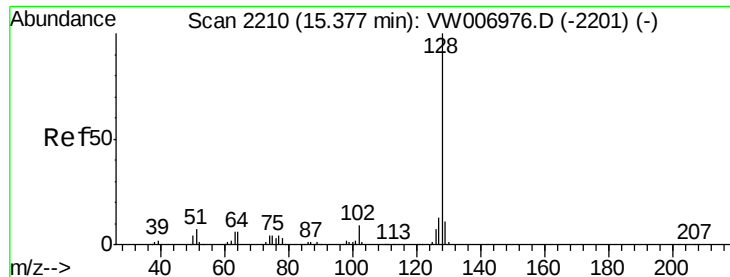
#94
 Hexachlorobutadiene
 Concen: 100.481 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006978.D
 Acq: 20 Nov 2018 15:55

Tgt Ion:225 Resp: 90318
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.4 97.0
 227 63.3 31.9 95.5



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





#95

Naphthalene

Concen: 105.152 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

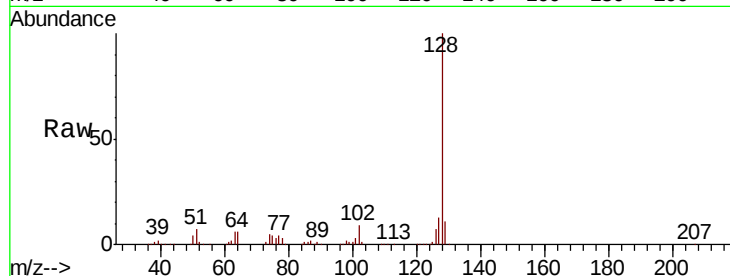
Tgt Ion:128 Resp: 315597

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

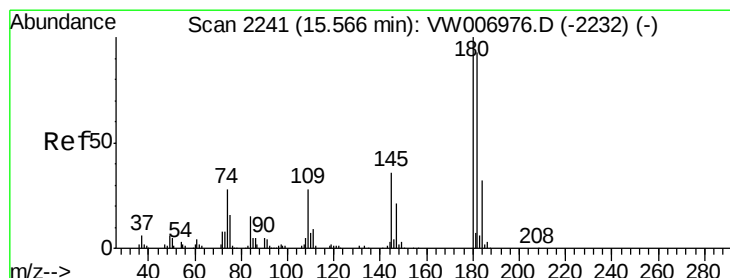
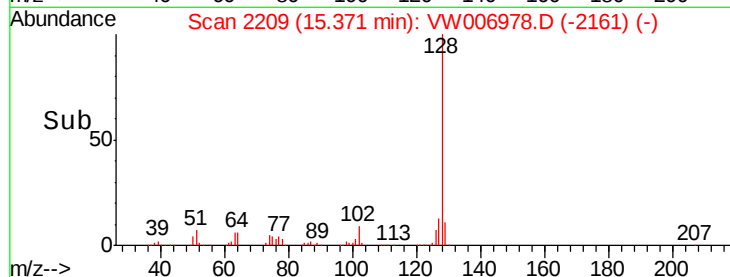
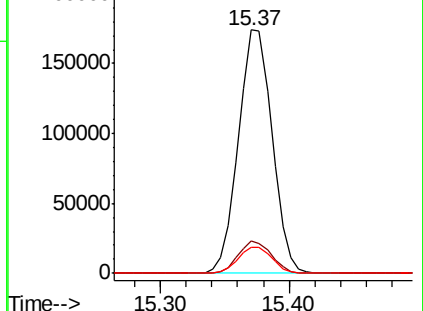
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 104.786 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

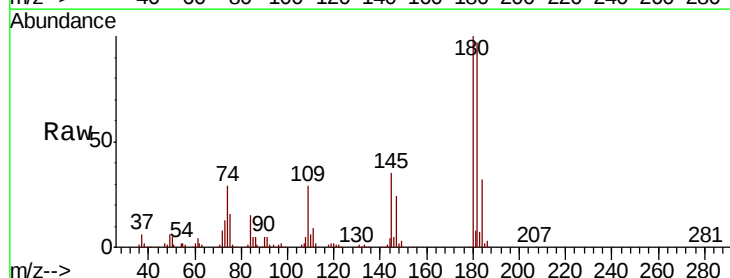
Tgt Ion:180 Resp: 143738

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 36.0 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

