

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006977.D
 Acq On : 20 Nov 2018 15:30
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Nov 21 03:07:21 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	117517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	81812	71.11	ug/l	0.00
Spiked Amount			Recovery	=	142.22%	
35) Dibromofluoromethane	7.88	113	76429	74.45	ug/l	0.00
Spiked Amount			Recovery	=	148.90%	
50) Toluene-d8	10.32	98	344344	75.96	ug/l	0.00
Spiked Amount			Recovery	=	151.92%	
62) 4-Bromofluorobenzene	12.62	95	131962	73.98	ug/l	0.00
Spiked Amount			Recovery	=	147.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	79112	68.183	ug/l	98
3) Chloromethane	2.21	50	70145	72.542	ug/l	96
4) Vinyl Chloride	2.36	62	69285	72.826	ug/l	98
5) Bromomethane	2.78	94	35623	70.154	ug/l	93
6) Chloroethane	2.92	64	39336	75.006	ug/l	100
7) Trichlorofluoromethane	3.26	101	132279	70.709	ug/l	96
8) Diethyl Ether	3.69	74	40777	67.646	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80492	66.368	ug/l	99
10) Methyl Iodide	4.28	142	109909	79.166	ug/l	99
11) Tert butyl alcohol	5.21	59	25458	344.855	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	75062	70.568	ug/l	93
13) Acrolein	3.90	56	24286	315.744	ug/l	98
14) Allyl chloride	4.68	41	125547	71.161	ug/l	99
15) Acrylonitrile	5.38	53	83160	367.056	ug/l	99
16) Acetone	4.14	43	59233	354.600	ug/l	100
17) Carbon Disulfide	4.38	76	260019	75.610	ug/l	99
18) Methyl Acetate	4.68	43	40312	67.767	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	195433	70.365	ug/l	100
20) Methylene Chloride	4.92	84	90914	55.070	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	85240	68.792	ug/l	98
22) Diisopropyl ether	6.32	45	242249	70.545	ug/l	99
23) Vinyl Acetate	6.26	43	658280	360.986	ug/l	100
24) 1,1-Dichloroethane	6.22	63	145807	69.797	ug/l	99
25) 2-Butanone	7.18	43	99782	348.770	ug/l	100
26) 2,2-Dichloropropane	7.17	77	126896	67.549	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	91765	69.544	ug/l	99
28) Bromochloromethane	7.52	49	56648	72.554	ug/l #	98
29) Tetrahydrofuran	7.54	42	64315	347.104	ug/l	99
30) Chloroform	7.68	83	149671	67.439	ug/l	100
31) Cyclohexane	7.96	56	145574	65.698	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	137731	68.899	ug/l	99
36) 1,1-Dichloropropene	8.09	75	126602	71.273	ug/l	99
37) Ethyl Acetate	7.26	43	44333	68.874	ug/l	99
38) Carbon Tetrachloride	8.07	117	121389	71.364	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162001	72.879	ug/l	98
40) Benzene	8.33	78	350236	73.044	ug/l	99
41) Methacrylonitrile	7.49	41	31435	78.638	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	95805	68.821	ug/l	99
43) Isopropyl Acetate	8.43	43	89451	72.923	ug/l	99
44) Trichloroethene	9.09	130	95457	71.018	ug/l	96
45) 1,2-Dichloropropane	9.37	63	85183	72.069	ug/l	99
46) Dibromomethane	9.46	93	42285	71.439	ug/l	98
47) Bromodichloromethane	9.65	83	109640	70.304	ug/l	98
48) Methyl methacrylate	9.44	41	44315	74.925	ug/l	98
49) 1,4-Dioxane	9.48	88	13386	1521.554	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	222225	358.490	ug/l	99
52) Toluene	10.39	92	241241	73.930	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112835	74.690	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	135121	74.033	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	61357	70.456	ug/l	97
56) Ethyl methacrylate	10.65	69	77216	76.386	ug/l	99
57) 1,3-Dichloropropane	10.93	76	104545	71.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	183912	348.166	ug/l	99
59) 2-Hexanone	10.97	43	159865	376.599	ug/l	99
60) Dibromochloromethane	11.13	129	74088	74.662	ug/l	100
61) 1,2-Dibromoethane	11.24	107	58442	73.360	ug/l	99
64) Tetrachloroethene	10.87	164	80928	72.862	ug/l	98
65) Chlorobenzene	11.66	112	264692	73.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	79726	73.138	ug/l	98
67) Ethyl Benzene	11.73	91	487013	73.570	ug/l	98
68) m/p-Xylenes	11.84	106	378888	145.887	ug/l	100
69) o-Xylene	12.17	106	180435	73.680	ug/l	99
70) Styrene	12.18	104	290855	74.624	ug/l	100
71) Bromoform	12.35	173	38589	75.147	ug/l #	100
73) Isopropylbenzene	12.47	105	496287	74.308	ug/l	99
74) N-amyl acetate	12.27	43	84398	75.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	63918	71.913	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	89186	80.184	ug/l #	100
77) Bromobenzene	12.75	156	104456	72.818	ug/l	99
78) n-propylbenzene	12.81	91	591628	73.131	ug/l	99
79) 2-Chlorotoluene	12.90	91	338110	72.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	425095	73.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	20318	75.540	ug/l	98
82) 4-Chlorotoluene	12.99	91	356779	72.885	ug/l	100
83) tert-Butylbenzene	13.21	119	365472	73.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	422887	73.493	ug/l	99
85) sec-Butylbenzene	13.39	105	514698	72.862	ug/l	99
86) p-Isopropyltoluene	13.51	119	457687	73.442	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	210880	72.009	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	213206	73.020	ug/l	99
89) n-Butylbenzene	13.83	91	437538	74.605	ug/l	100
90) Hexachloroethane	14.10	117	68314	75.083	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	189296	73.769	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11428	76.128	ug/l	96

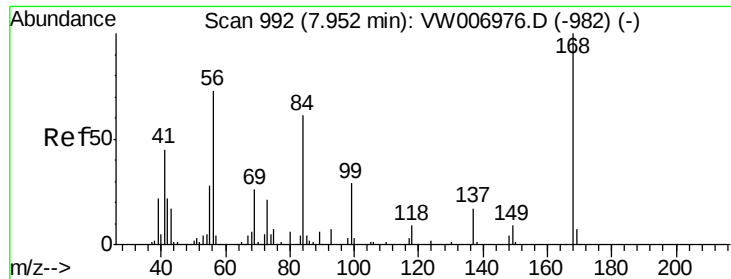
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
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QLast Update : Wed Nov 21 02:56:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	123687	73.097	ug/l	99
94) Hexachlorobutadiene	15.24	225	66240	72.010	ug/l	99
95) Naphthalene	15.37	128	227189	73.966	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	103437	73.683	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: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

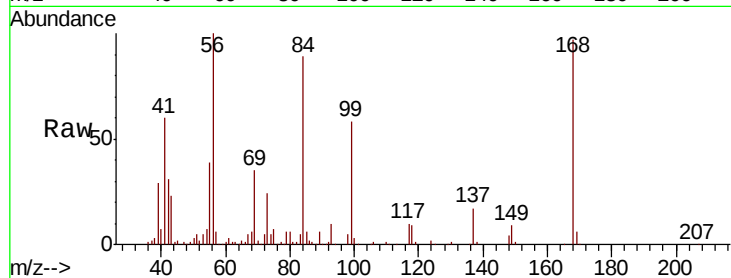
VSTDIC075

Tgt Ion:168 Resp: 117517

Ion Ratio Lower Upper

168 100

99 59.7 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

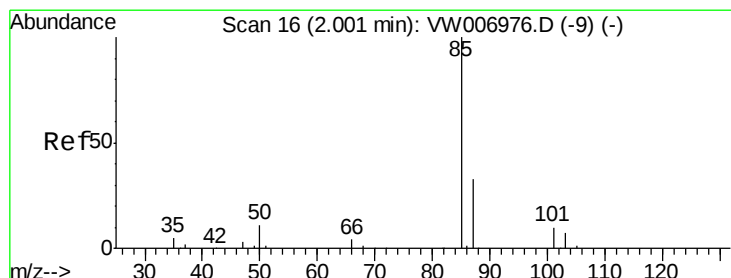
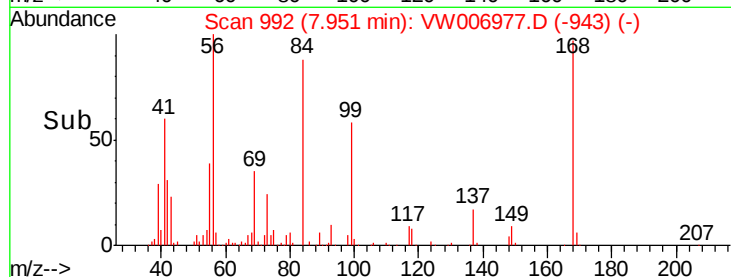
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 68.183 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006977.D

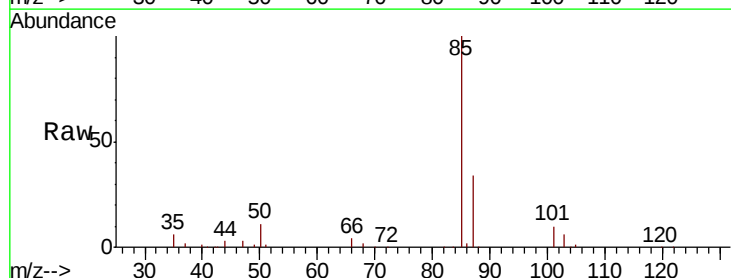
Acq: 20 Nov 2018 15:30

Tgt Ion: 85 Resp: 79112

Ion Ratio Lower Upper

85 100

87 33.7 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

60000

50000

40000

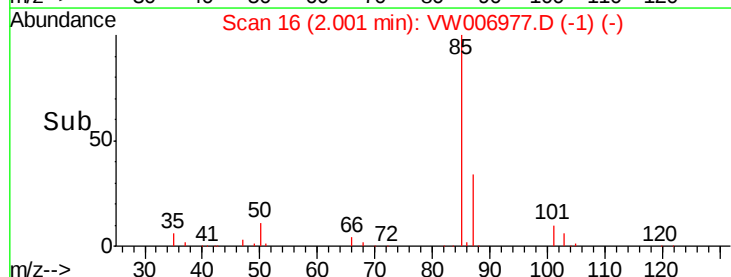
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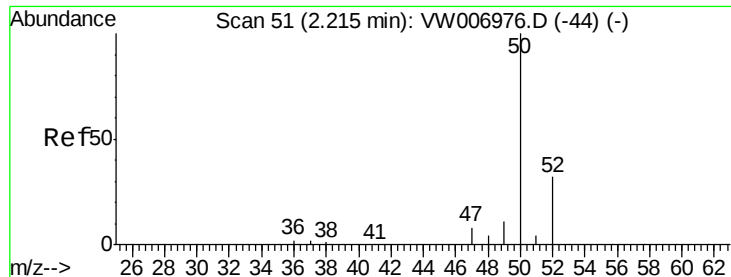
20000

10000

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Time-->





#3

Chloromethane

Concen: 72.542 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampled :

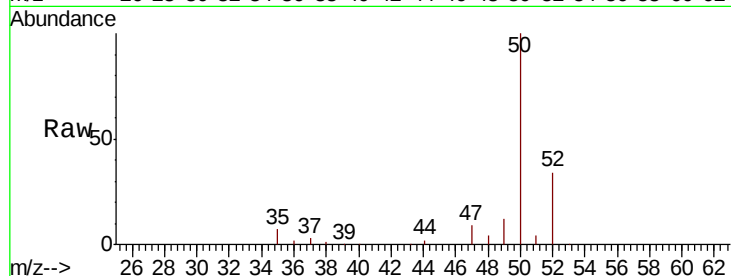
VSTDIC075

Tgt Ion: 50 Resp: 70145

Ion Ratio Lower Upper

50 100

52 34.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

50000

40000

30000

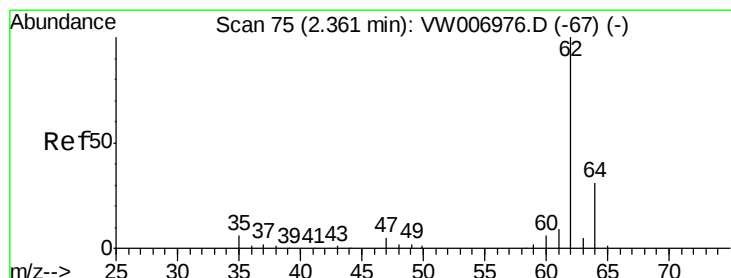
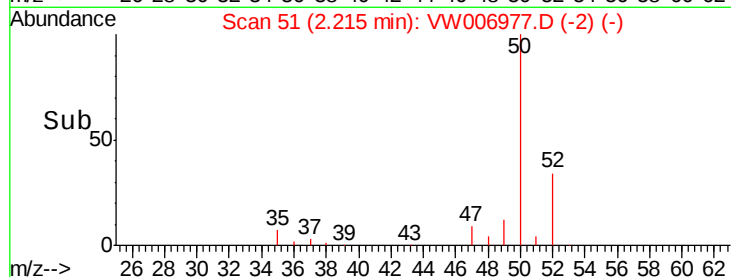
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 72.826 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006977.D

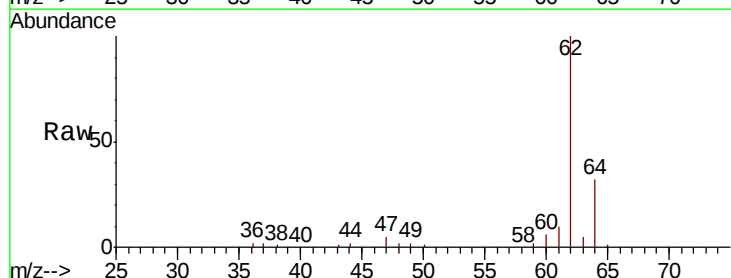
Acq: 20 Nov 2018 15:30

Tgt Ion: 62 Resp: 69285

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

50000

40000

30000

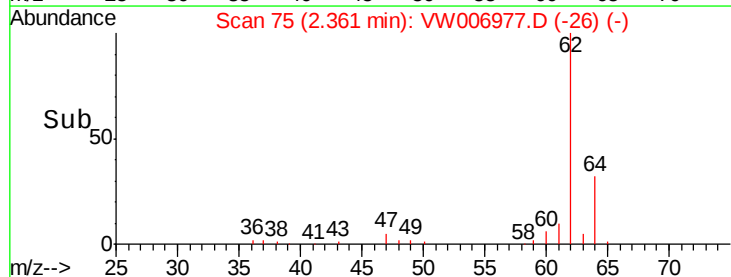
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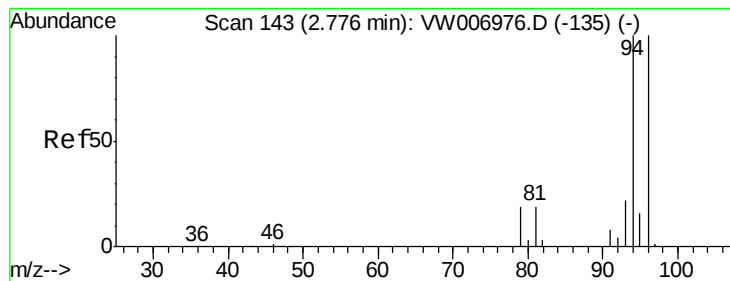
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0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 70.154 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

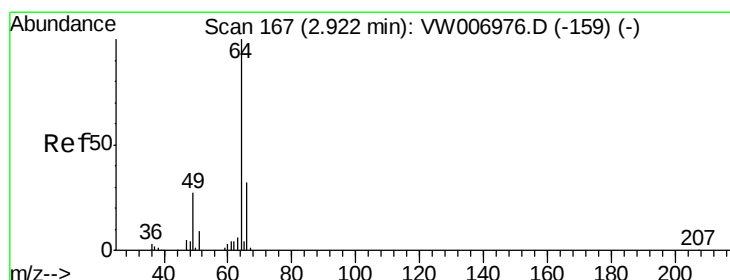
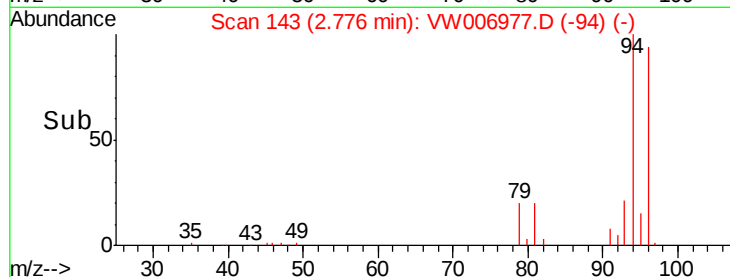
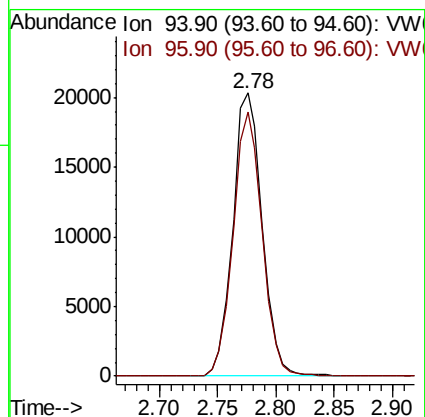
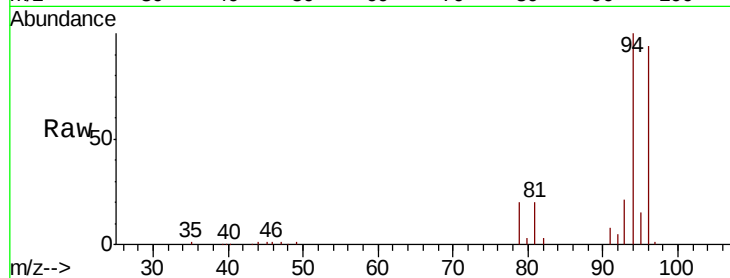
VSTDIC075

Tgt Ion: 94 Resp: 35623

Ion Ratio Lower Upper

94 100

96 93.5 80.2 120.2



#6

Chloroethane

Concen: 75.006 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006977.D

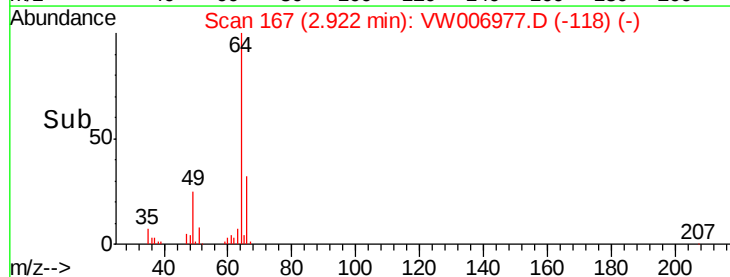
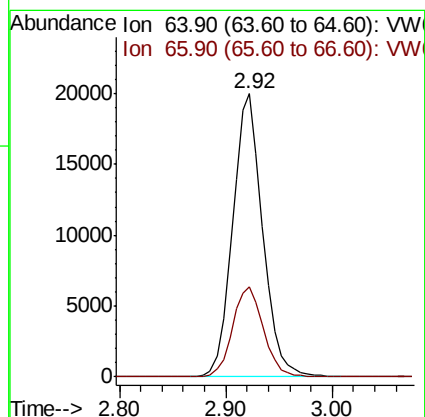
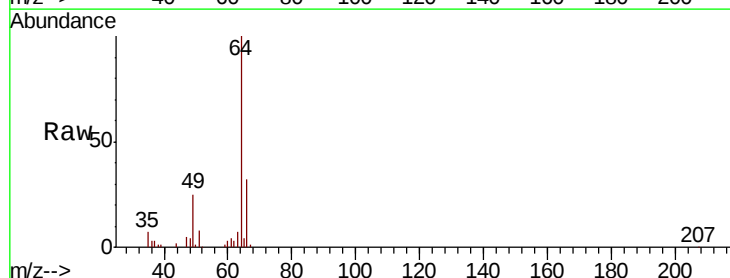
Acq: 20 Nov 2018 15:30

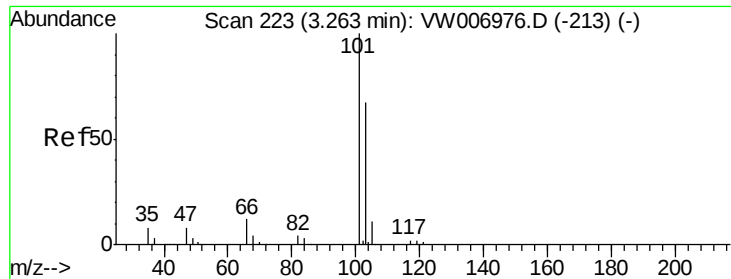
Tgt Ion: 64 Resp: 39336

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9



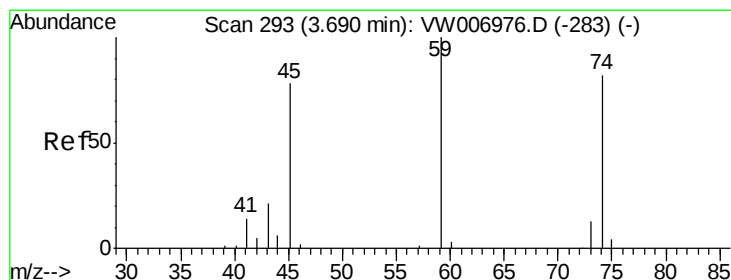
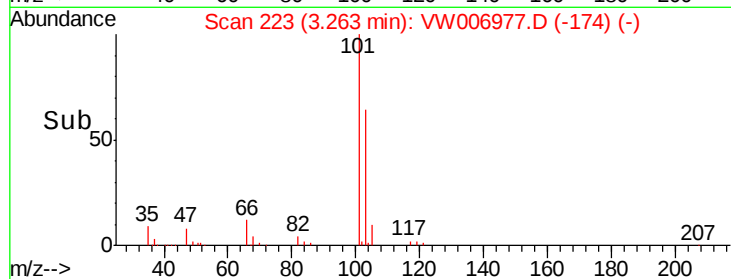
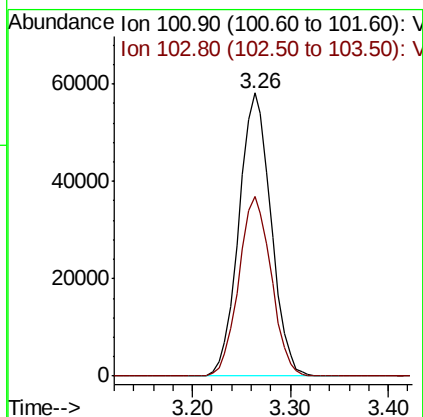
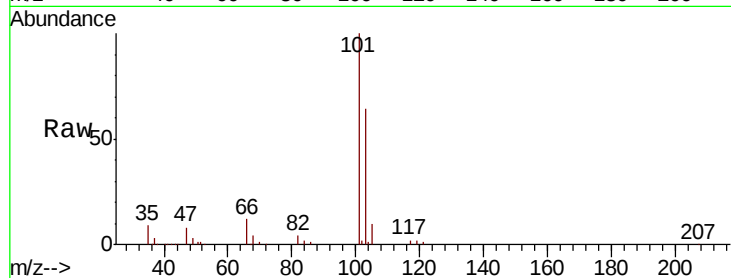


#7

Trichlorofluoromethane
 Concen: 70.709 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

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 ClientSampleId :
 VSTDIC075

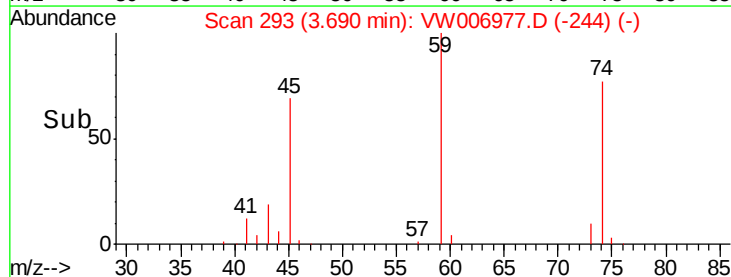
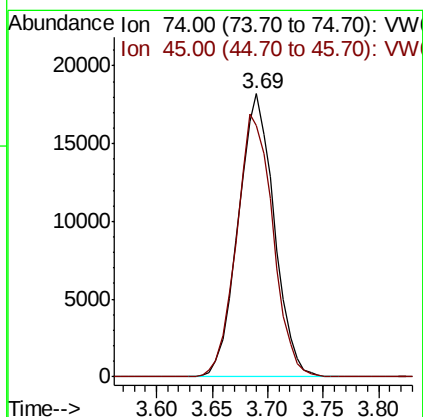
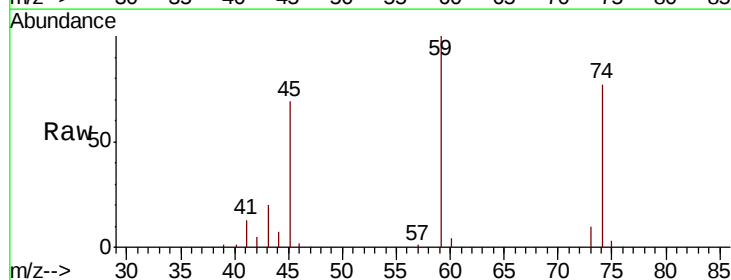
Tgt Ion: 101 Resp: 132279
 Ion Ratio Lower Upper
 101 100
 103 63.7 53.4 80.2

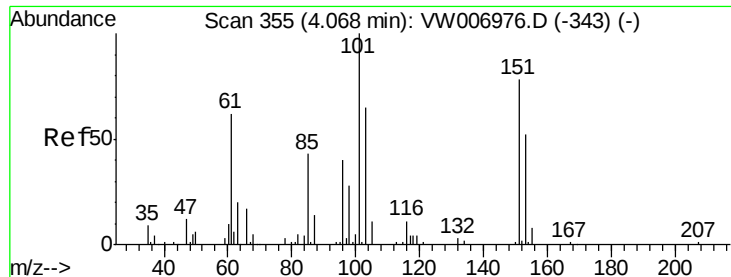


#8

Diethyl Ether
 Concen: 67.646 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 74 Resp: 40777
 Ion Ratio Lower Upper
 74 100
 45 94.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.368 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

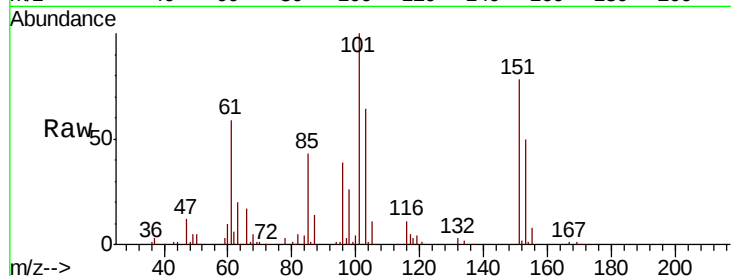
Tgt Ion:101 Resp: 80492

Ion Ratio Lower Upper

101 100

85 43.4 34.3 51.5

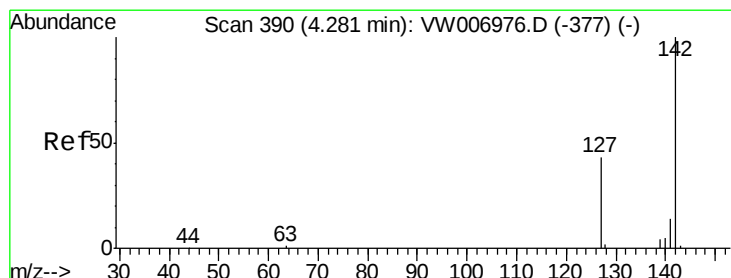
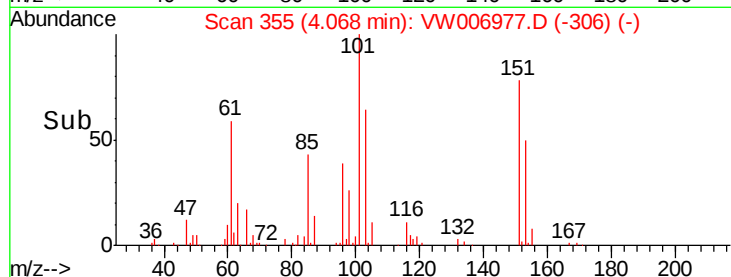
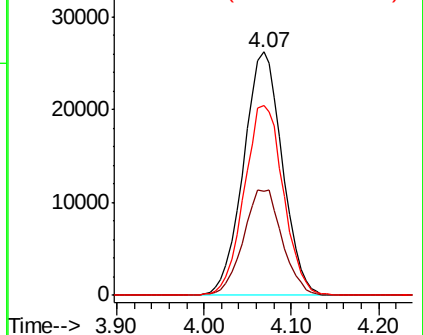
151 78.8 63.4 95.2



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: 79.166 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

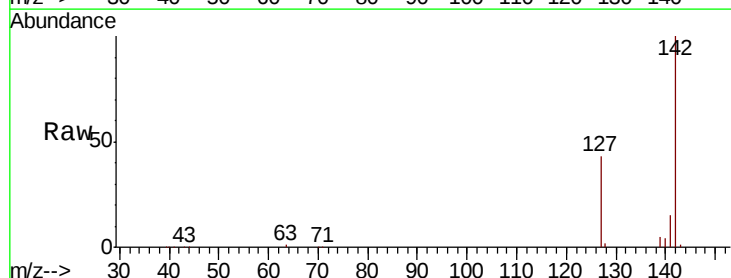
Tgt Ion:142 Resp: 109909

Ion Ratio Lower Upper

142 100

127 43.4 35.3 52.9

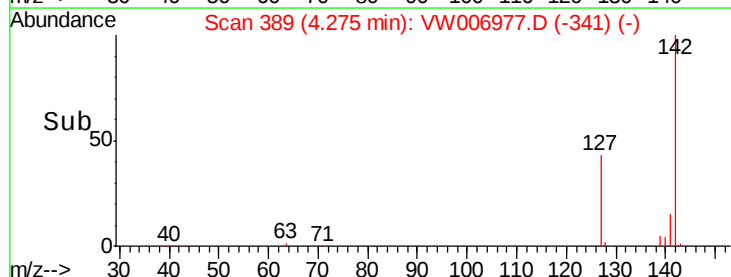
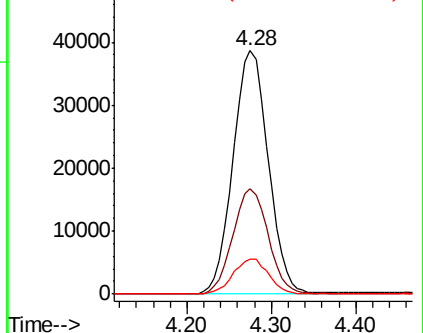
141 14.6 11.7 17.5

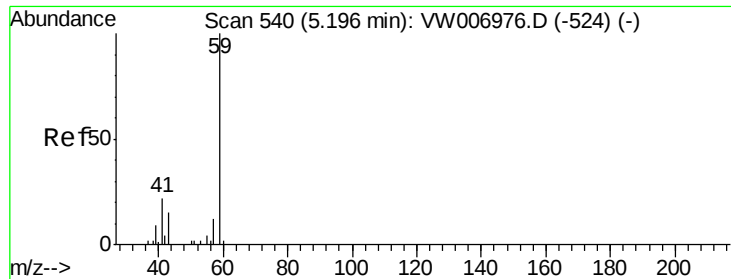


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



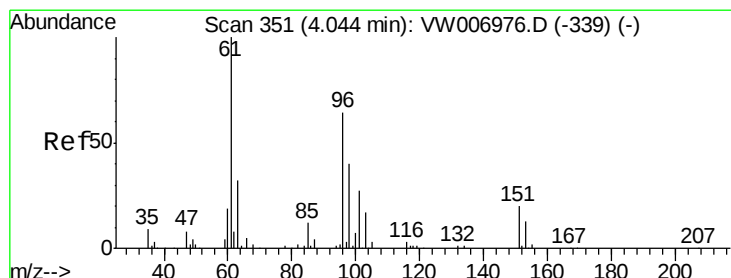
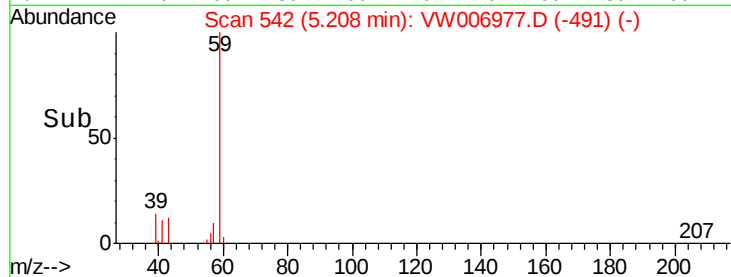
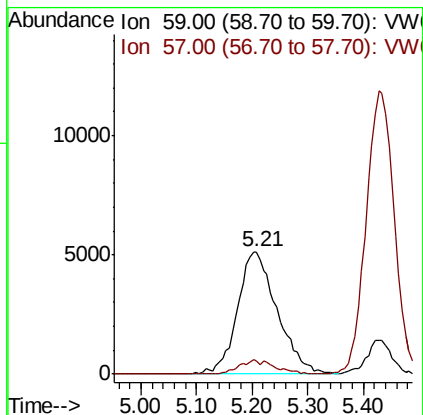
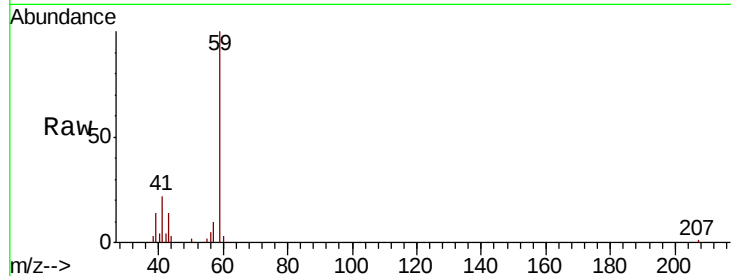


#11

Tert butyl alcohol
Concen: 344.855 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

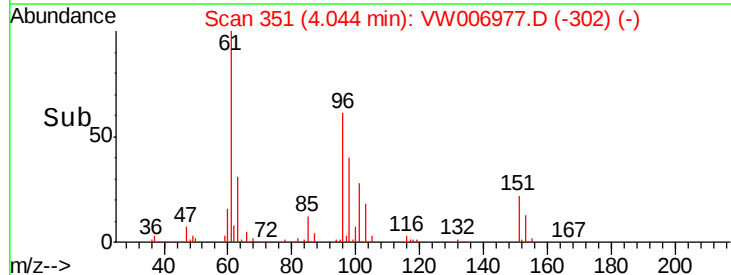
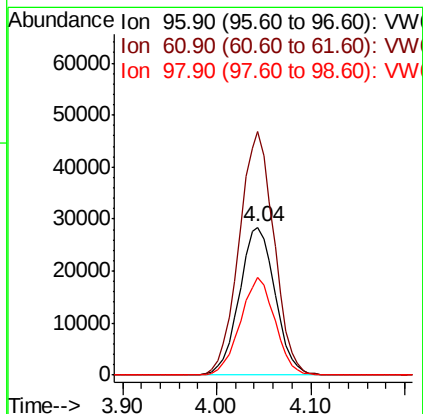
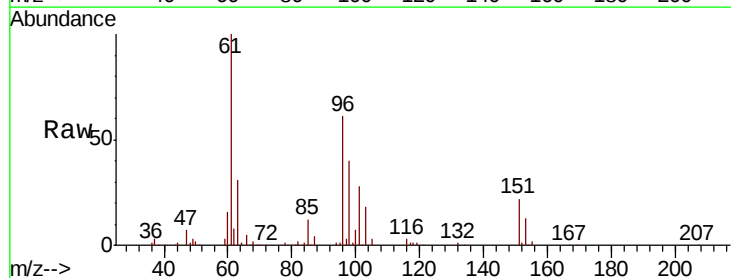
Tgt Ion: 59 Resp: 25458
Ion Ratio Lower Upper
59 100
57 5.8 8.6 13.0#

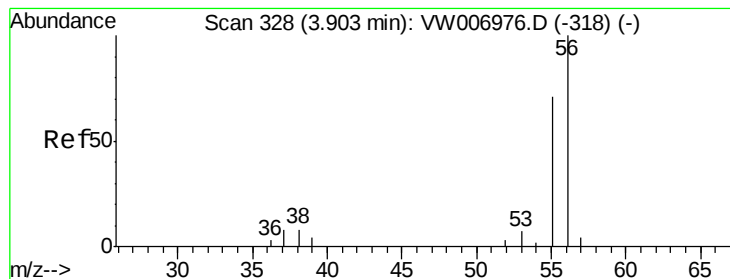


#12

1,1-Dichloroethene
Concen: 70.568 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 96 Resp: 75062
Ion Ratio Lower Upper
96 100
61 164.6 124.3 186.5
98 66.1 49.4 74.2





#13

Acrolein

Concen: 315.744 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

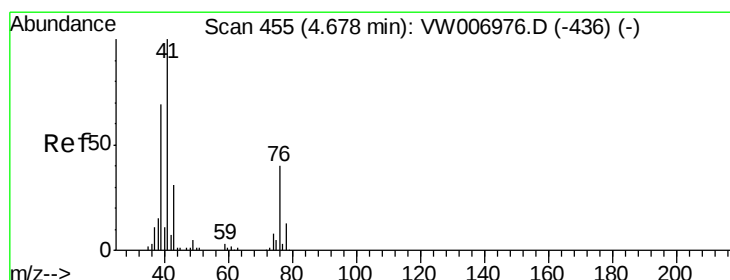
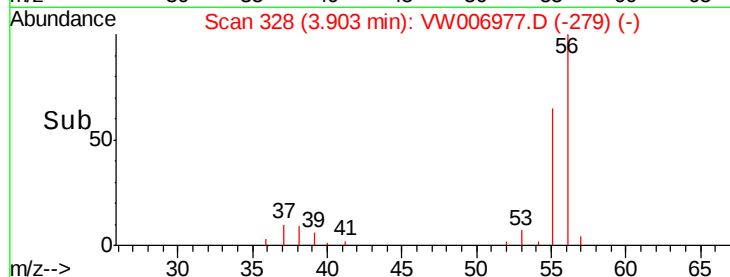
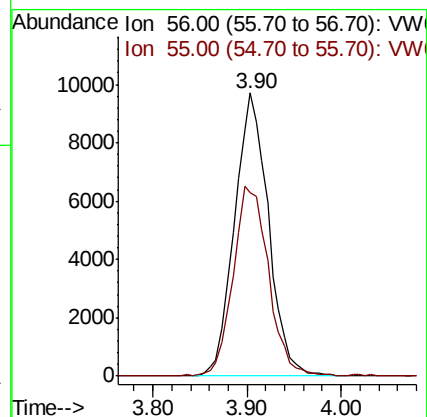
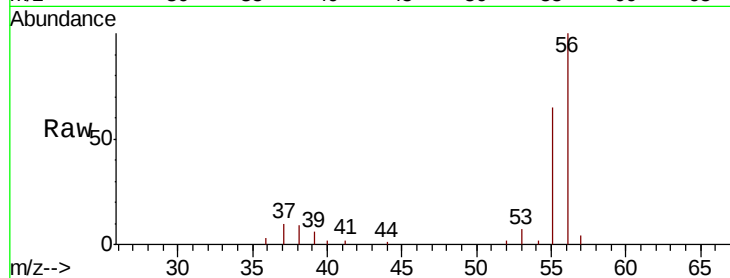
VSTDIC075

Tgt Ion: 56 Resp: 24286

Ion Ratio Lower Upper

56 100

55 70.3 57.5 86.3



#14

Allyl chloride

Concen: 71.161 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

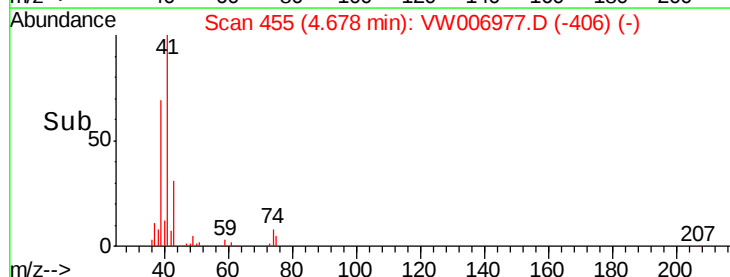
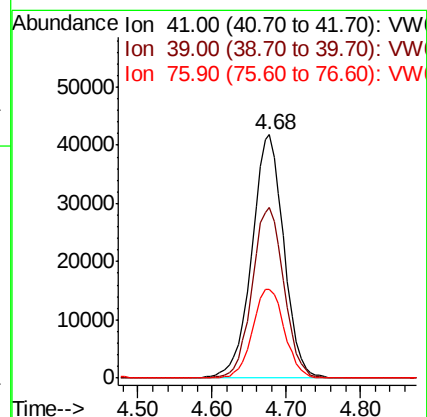
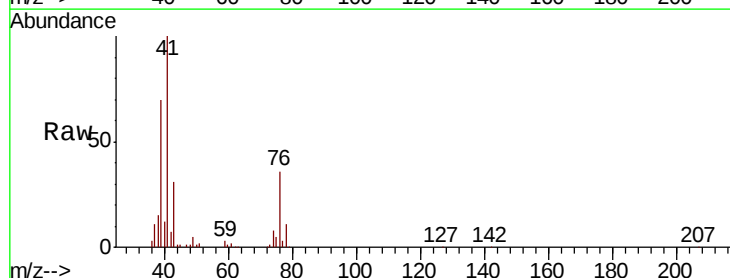
Tgt Ion: 41 Resp: 125547

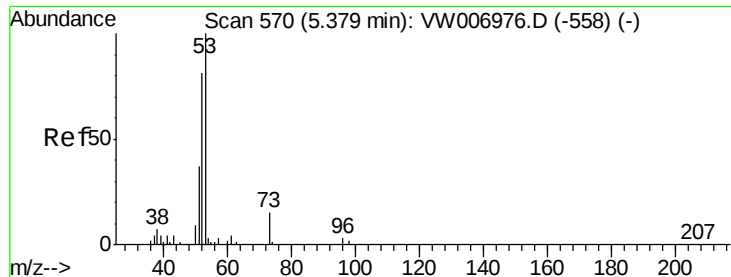
Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.2

76 36.5 29.6 44.4





#15

Acrylonitrile

Concen: 367.056 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

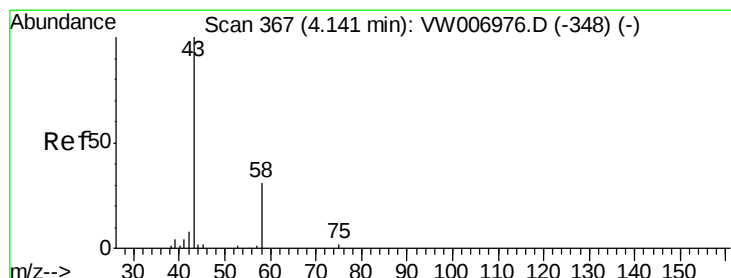
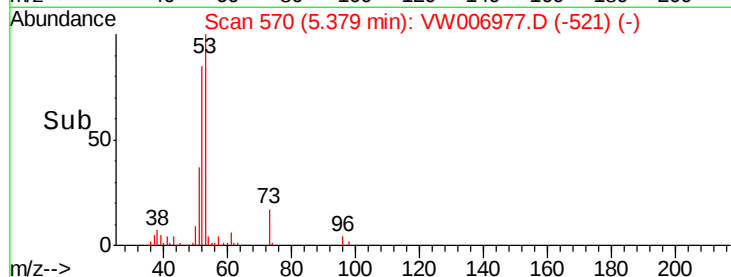
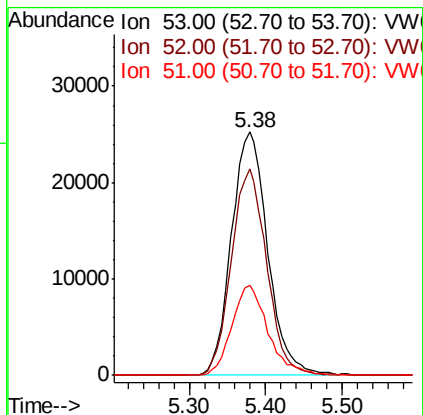
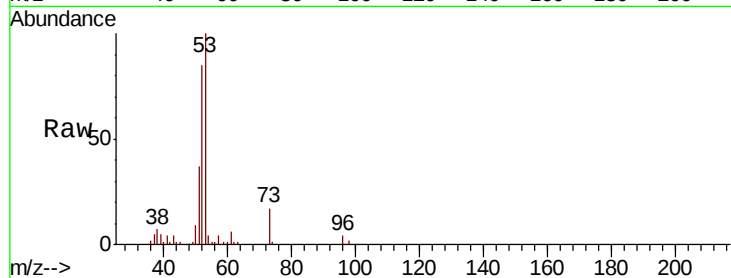
Tgt Ion: 53 Resp: 83160

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

51 37.0 29.9 44.9



#16

Acetone

Concen: 354.600 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006977.D

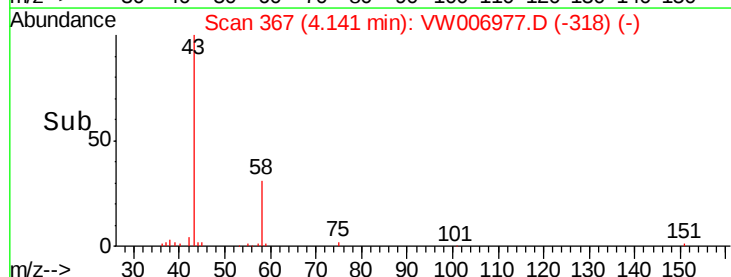
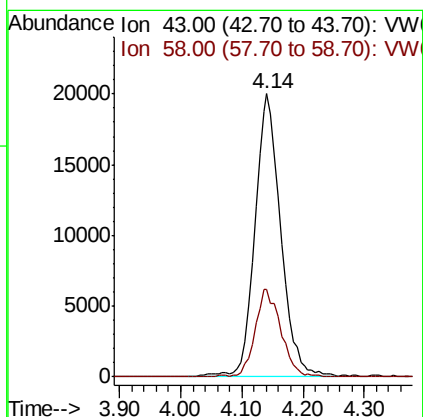
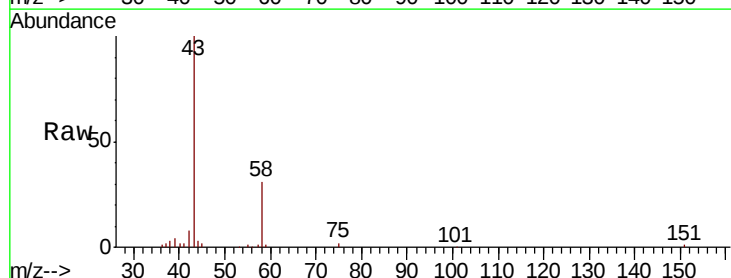
Acq: 20 Nov 2018 15:30

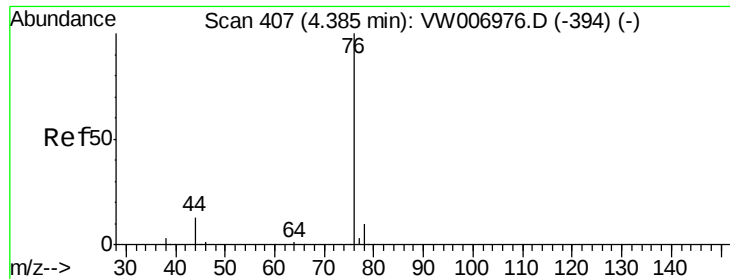
Tgt Ion: 43 Resp: 59233

Ion Ratio Lower Upper

43 100

58 31.0 24.8 37.2

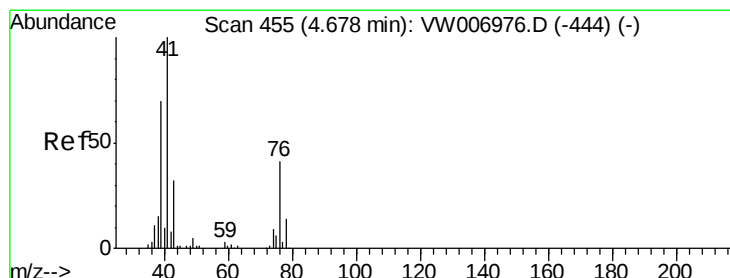
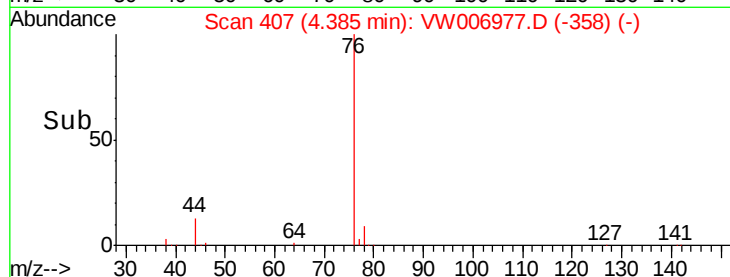
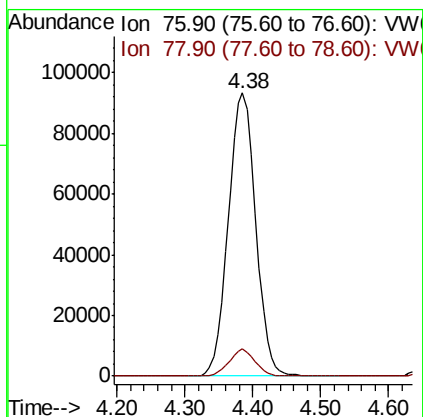
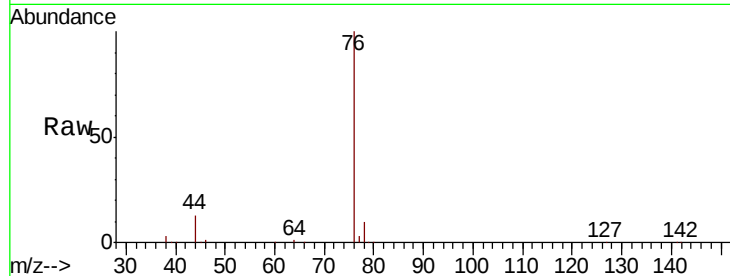




#17
Carbon Disulfide
Concen: 75.610 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

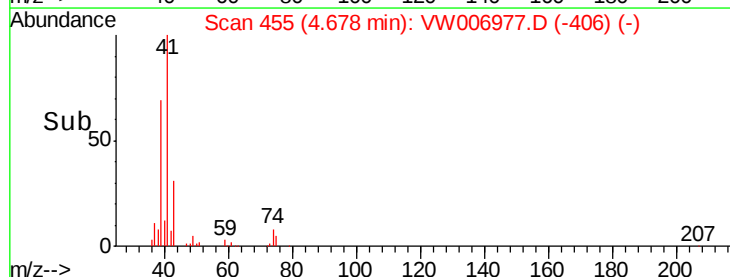
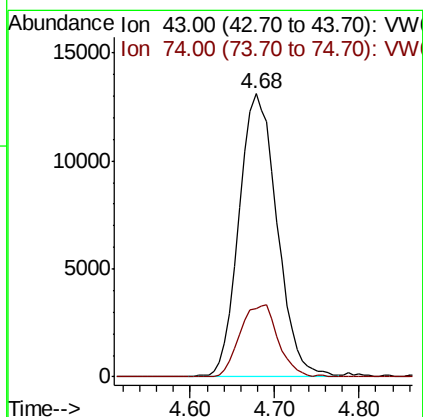
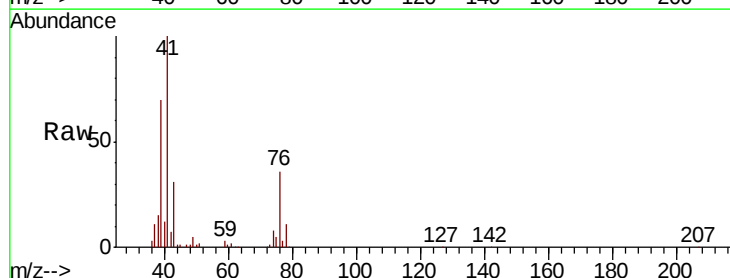
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

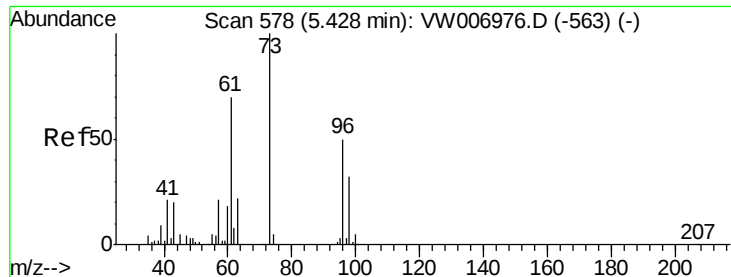
Tgt Ion: 76 Resp: 260019
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6



#18
Methyl Acetate
Concen: 67.767 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 43 Resp: 40312
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1

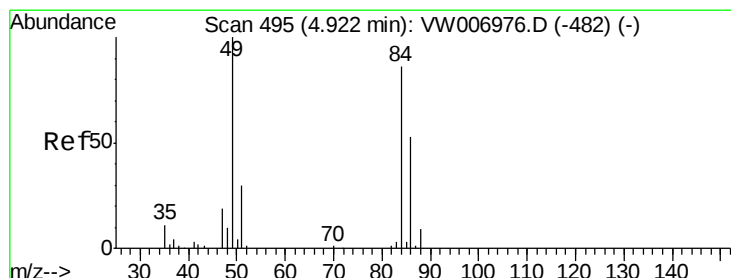
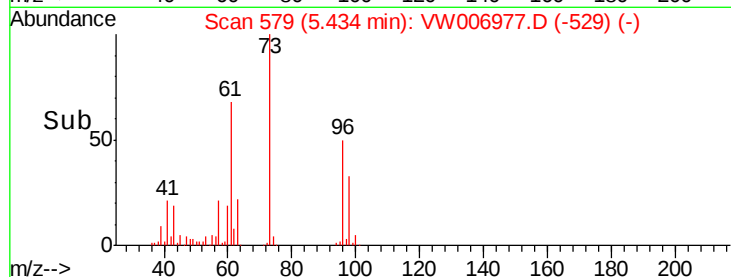
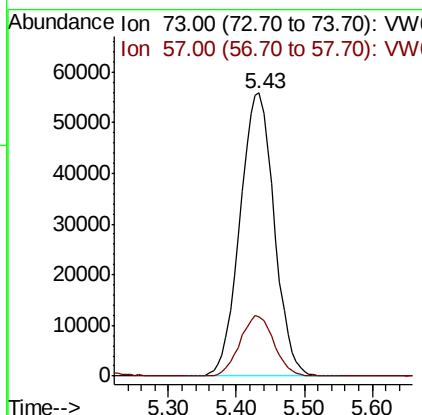
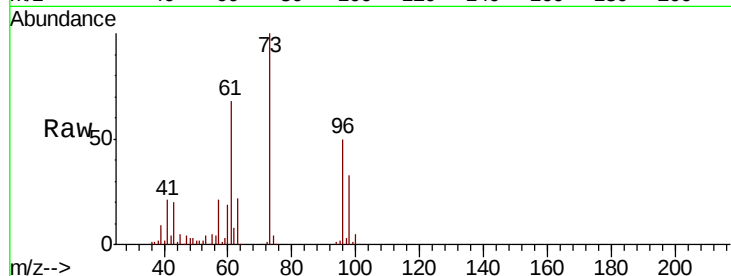




#19
Methyl tert-butyl Ether
Concen: 70.365 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

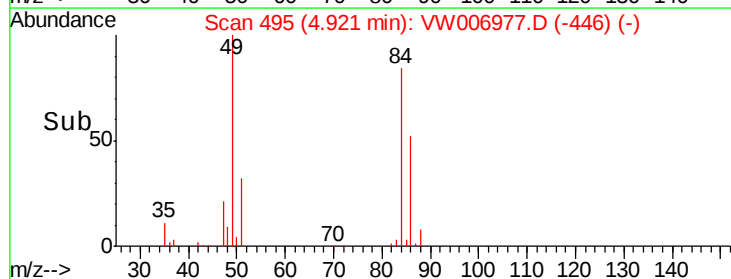
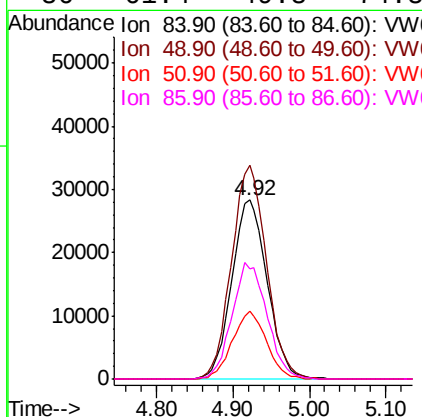
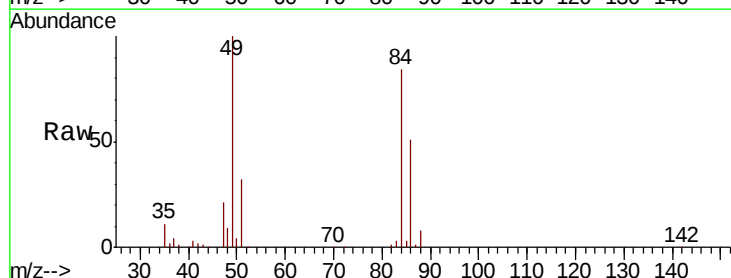
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

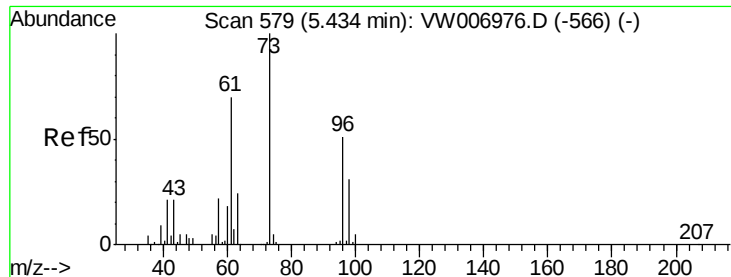
Tgt Ion: 73 Resp: 195433
Ion Ratio Lower Upper
73 100
57 21.1 16.7 25.1



#20
Methylene Chloride
Concen: 55.070 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 84 Resp: 90914
Ion Ratio Lower Upper
84 100
49 119.4 93.4 140.0
51 37.7 28.4 42.6
86 61.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 68.792 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

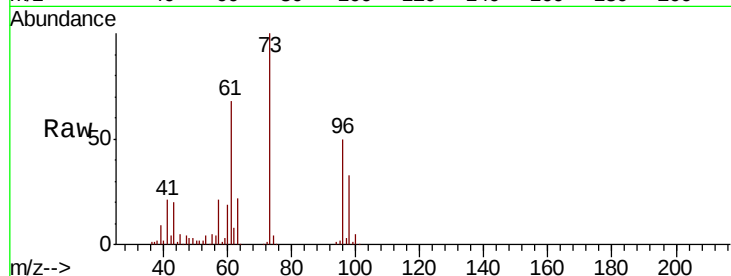
Tgt Ion: 96 Resp: 85240

Ion Ratio Lower Upper

96 100

61 136.1 109.4 164.0

98 65.3 48.3 72.5

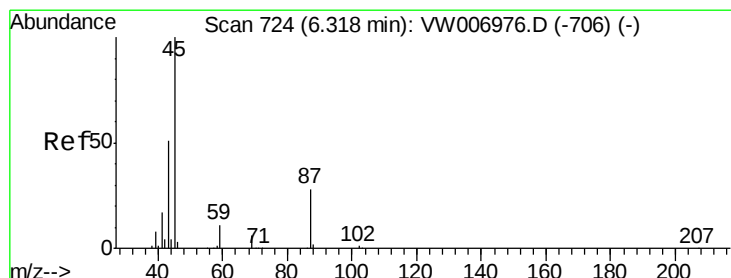
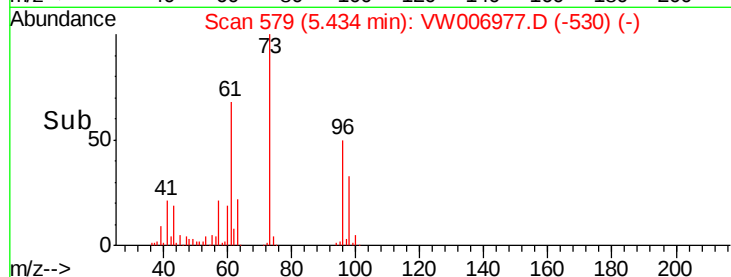
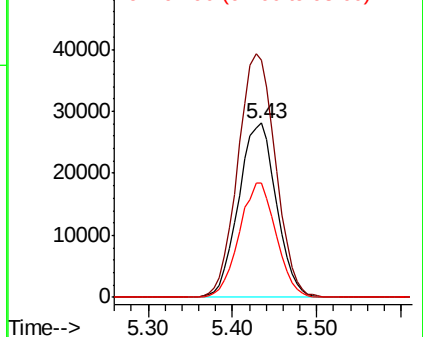


Abundance

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: 70.545 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion: 45 Resp: 242249

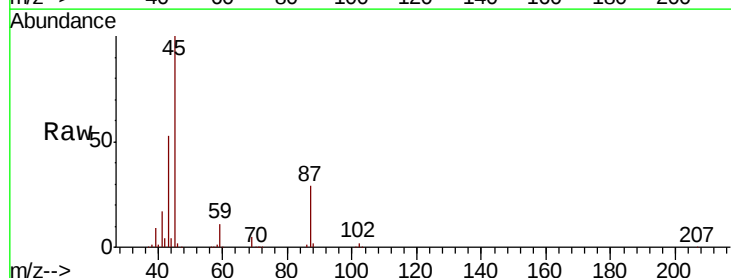
Ion Ratio Lower Upper

45 100

43 52.2 42.5 63.7

87 28.6 22.8 34.2

59 11.0 9.1 13.7



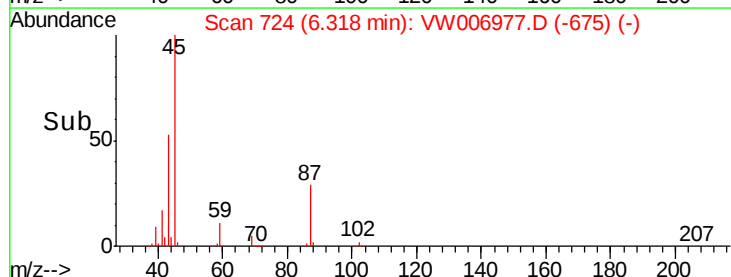
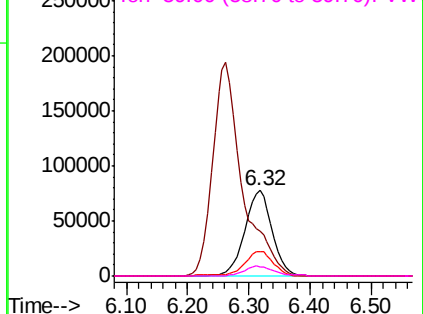
Abundance

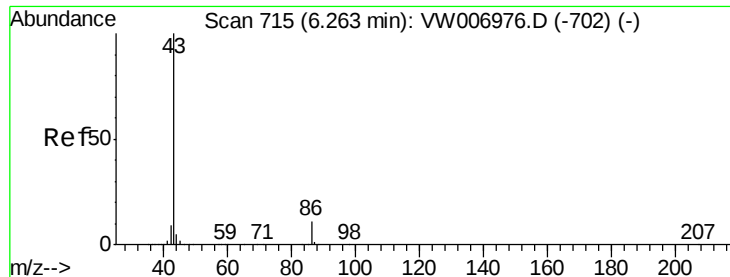
Ion 45.00 (44.70 to 45.70): VW

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: 360.986 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

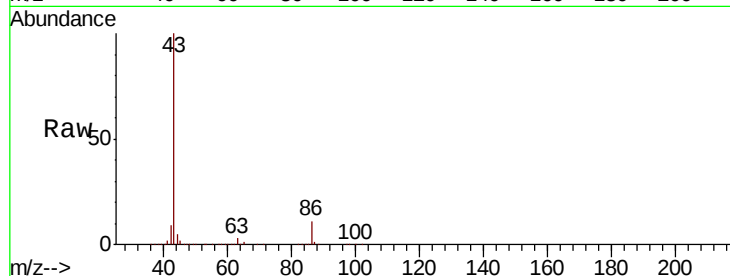
VSTDIC075

Tgt Ion: 43 Resp: 658280

Ion Ratio Lower Upper

43 100

86 10.9 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

200000

150000

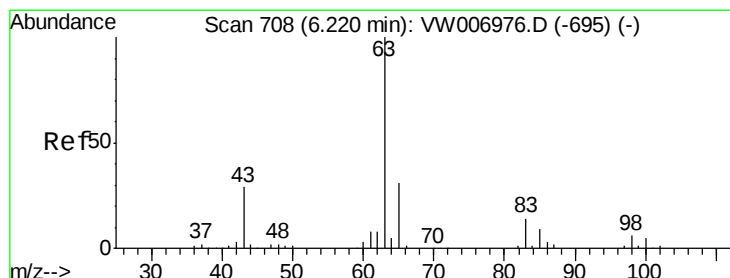
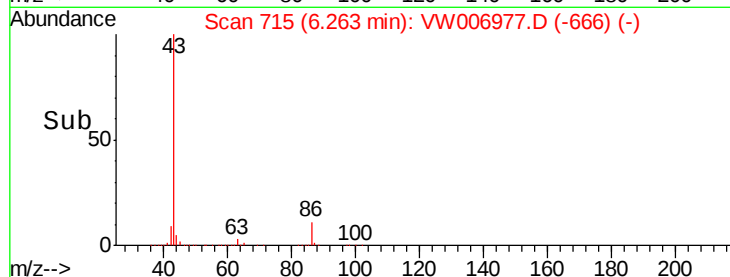
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 69.797 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

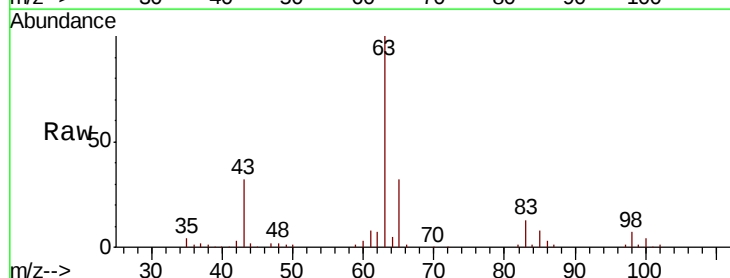
Tgt Ion: 63 Resp: 145807

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.5 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

60000

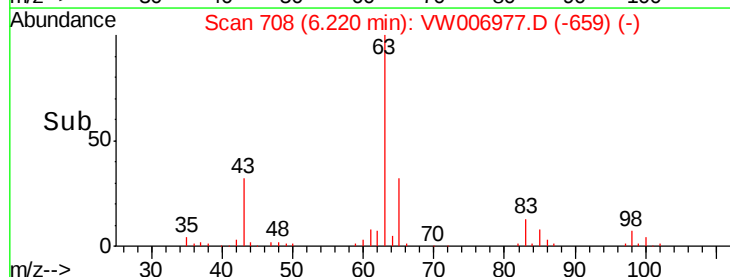
40000

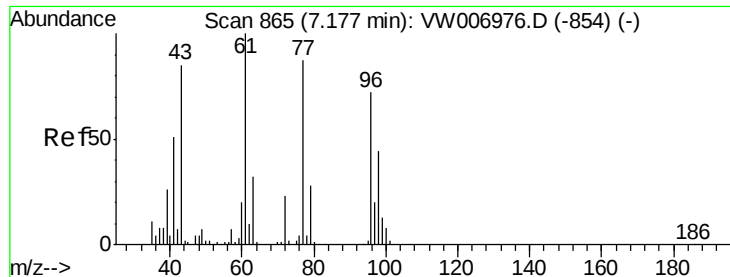
20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 348.770 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

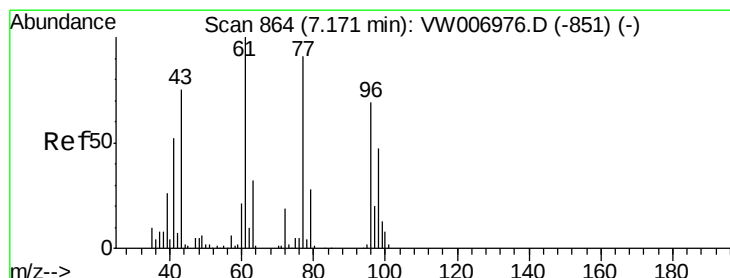
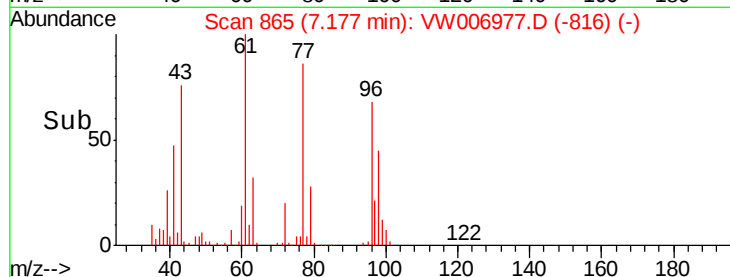
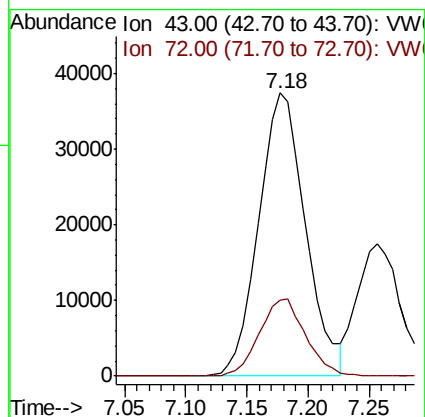
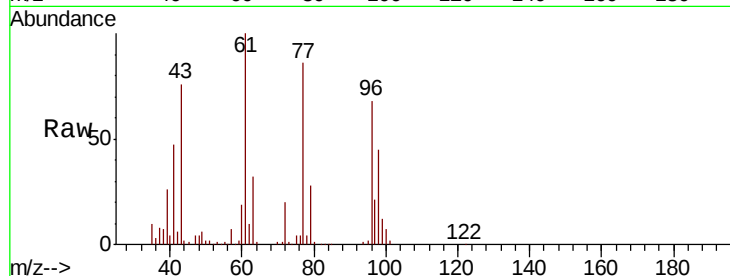
VSTDIC075

Tgt Ion: 43 Resp: 99782

Ion Ratio Lower Upper

43 100

72 26.8 21.3 31.9



#26

2,2-Dichloropropane

Concen: 67.549 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006977.D

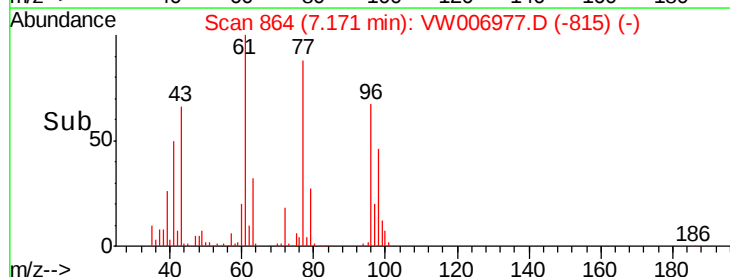
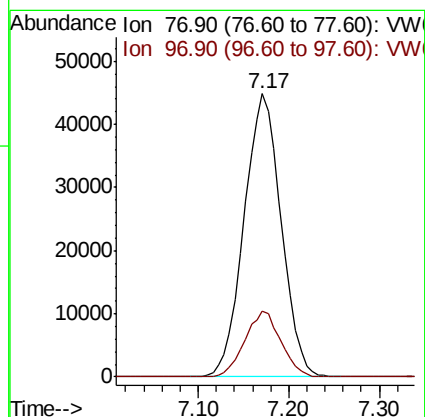
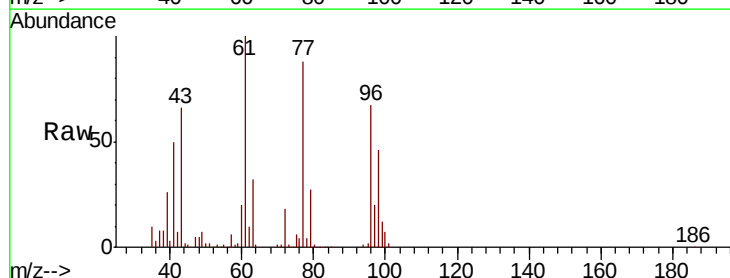
Acq: 20 Nov 2018 15:30

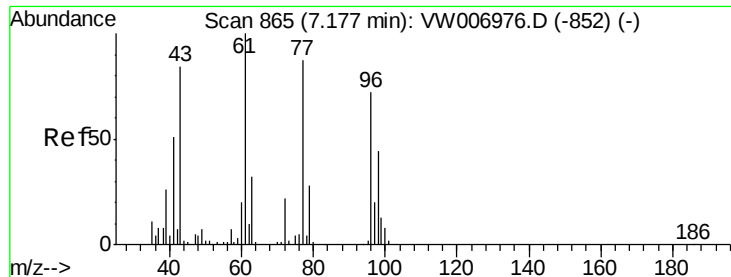
Tgt Ion: 77 Resp: 126896

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1



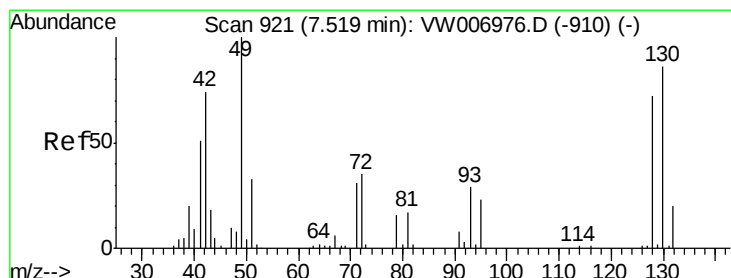
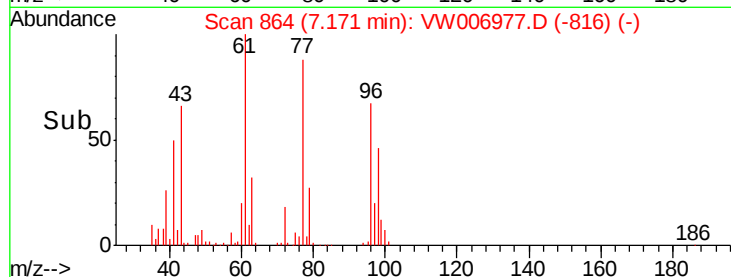
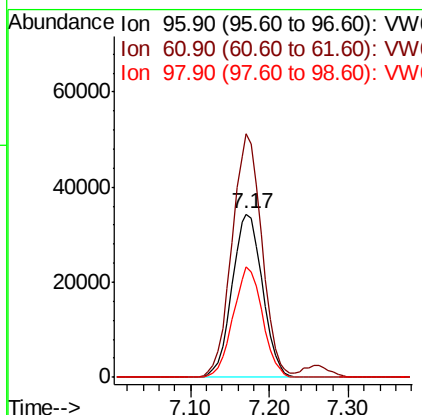
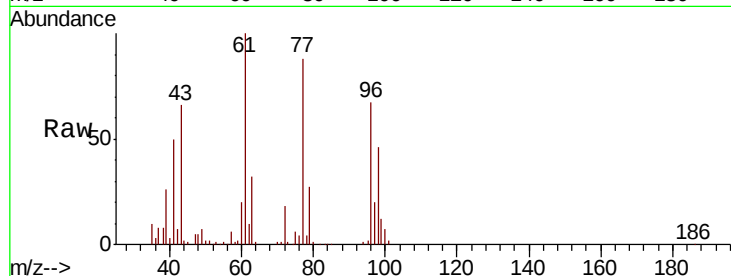


#27

cis-1,2-Dichloroethene
Concen: 69.544 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

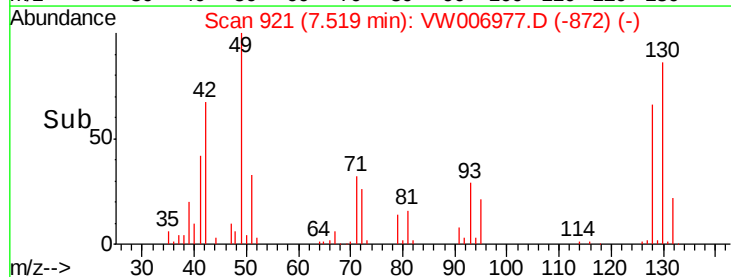
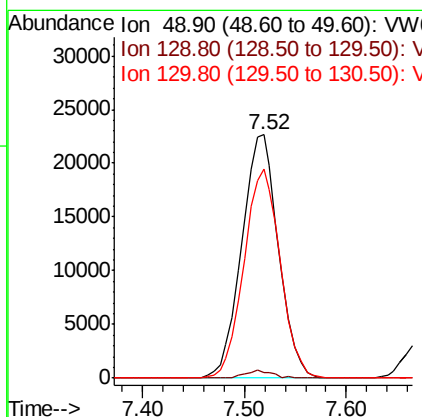
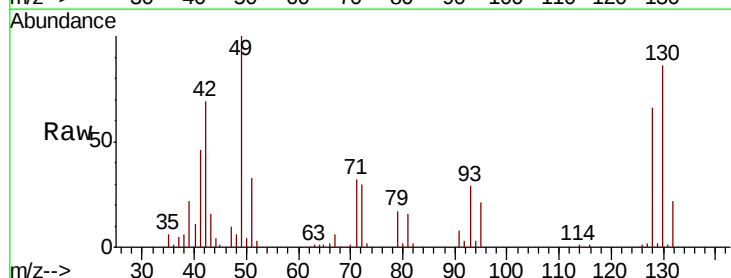
Tgt Ion: 96 Resp: 91765
Ion Ratio Lower Upper
96 100
61 147.2 0.0 292.6
98 65.5 0.0 129.8

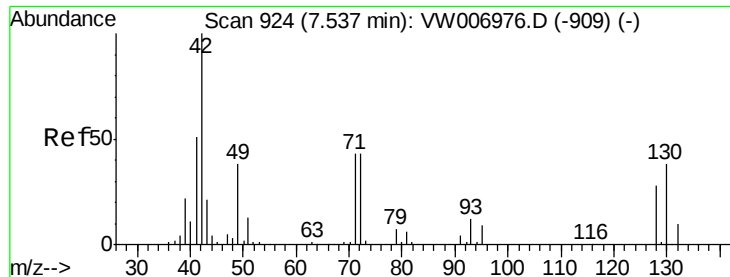


#28

Bromochloromethane
Concen: 72.554 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 49 Resp: 56648
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.0#
130 84.7 69.0 103.4

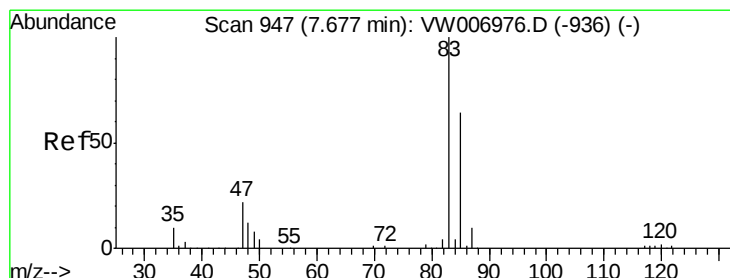
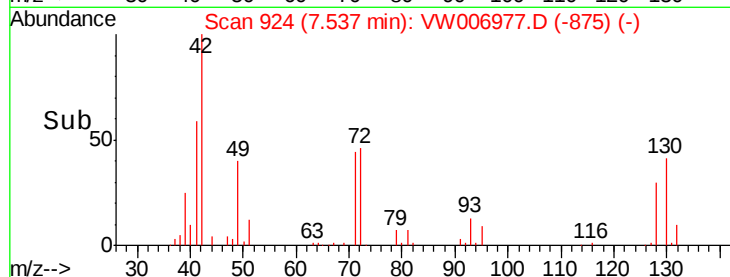
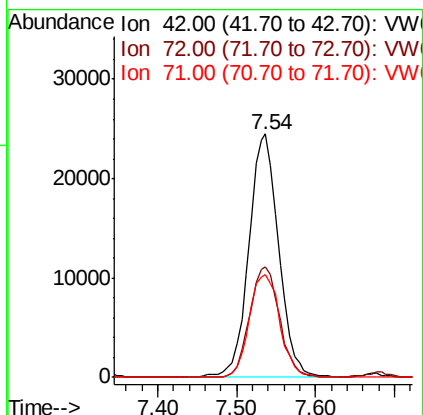
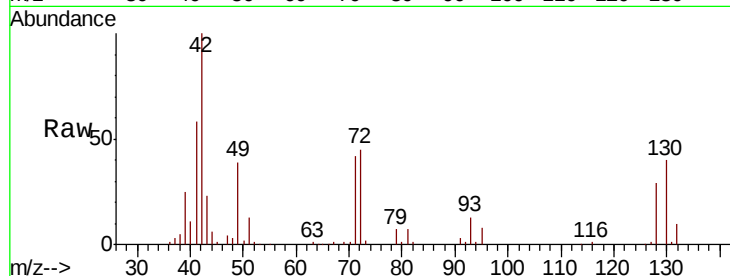




#29
Tetrahydrofuran
Concen: 347.104 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

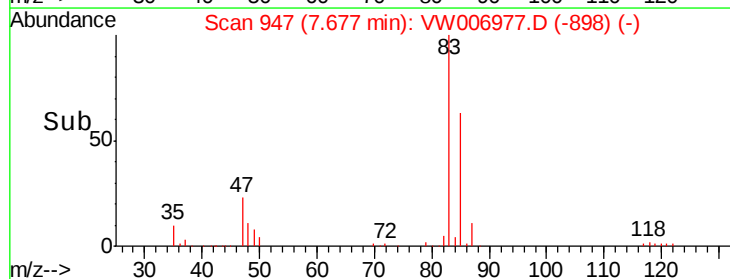
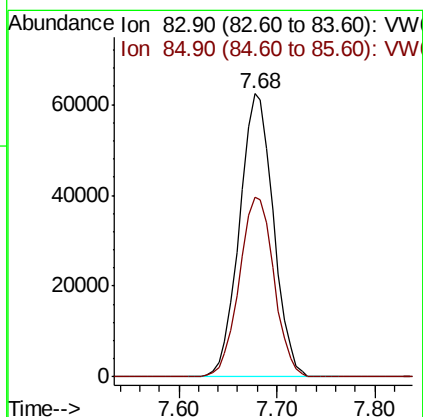
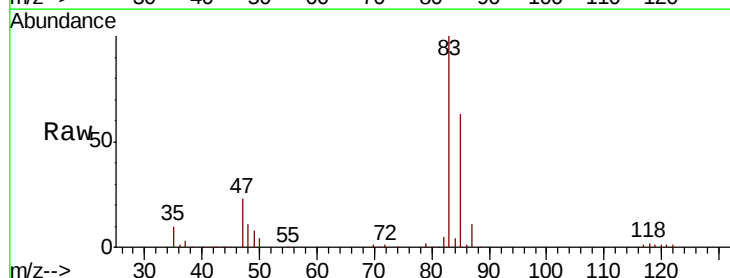
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

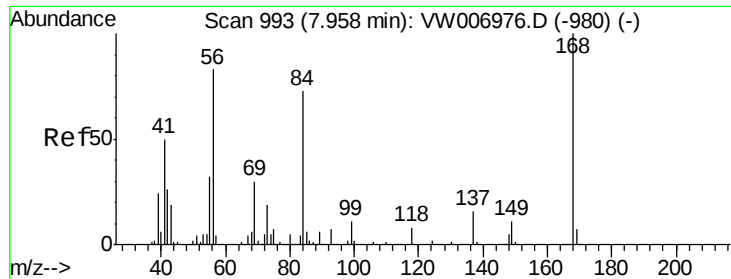
Tgt Ion: 42 Resp: 64315
Ion Ratio Lower Upper
42 100
72 45.5 36.2 54.4
71 43.1 33.8 50.8



#30
Chloroform
Concen: 67.439 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 83 Resp: 149671
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3

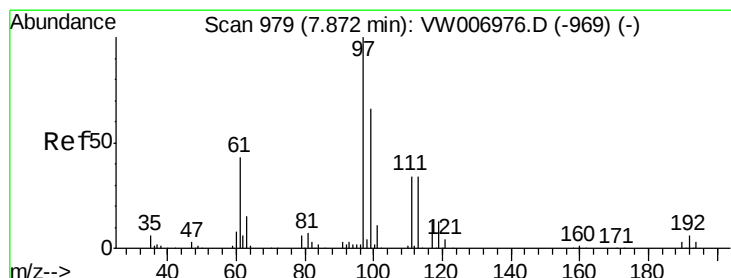
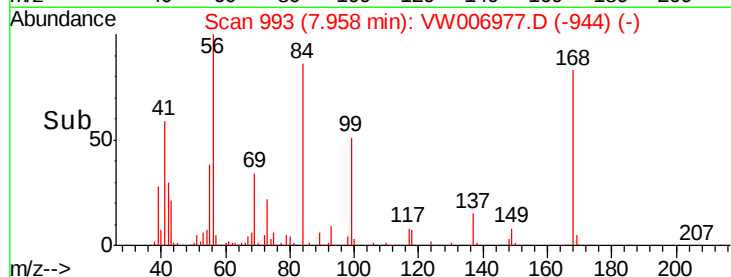
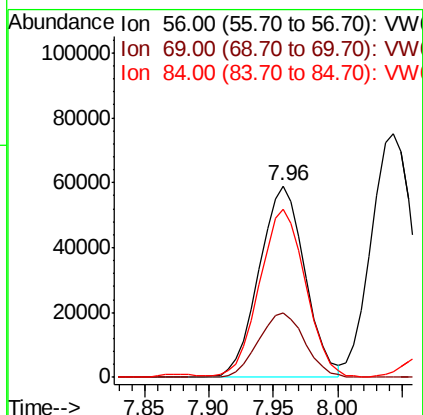
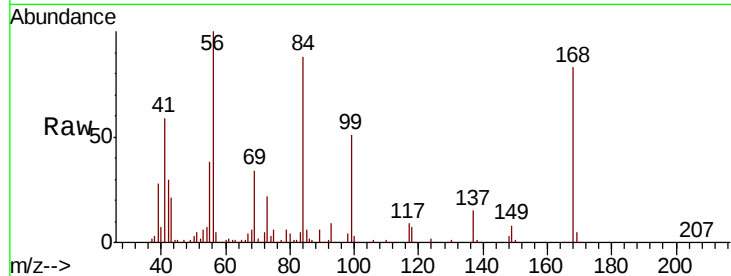




#31
Cyclohexane
Concen: 65.698 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

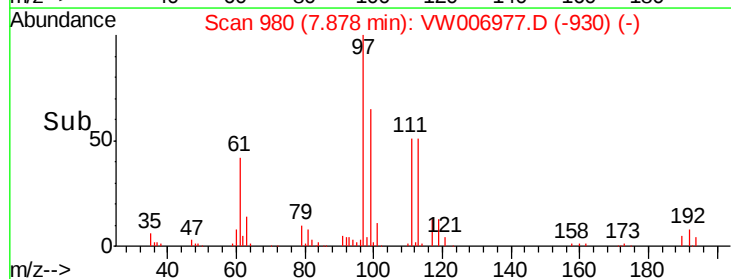
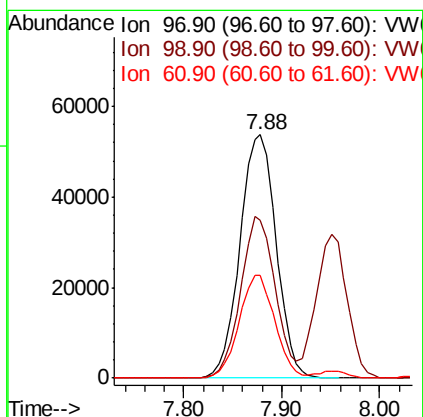
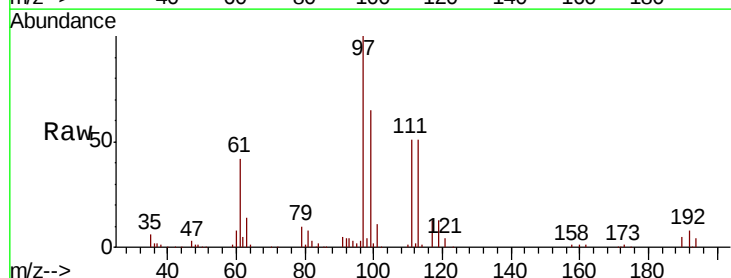
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

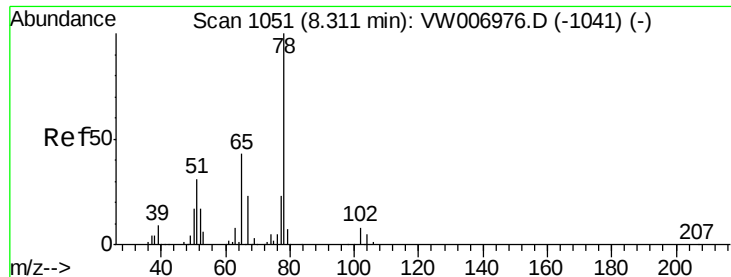
Tgt Ion: 56 Resp: 145574
Ion Ratio Lower Upper
56 100
69 33.9 29.1 43.7
84 86.8 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 68.899 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 97 Resp: 137731
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 41.8 33.4 50.2

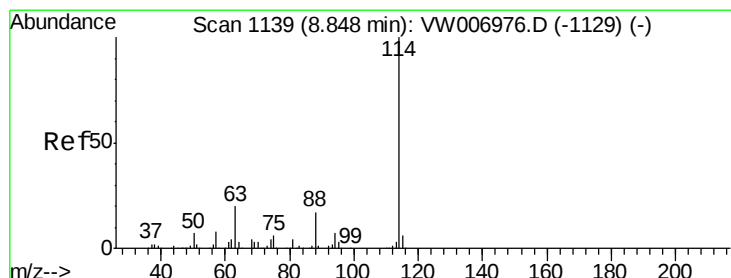
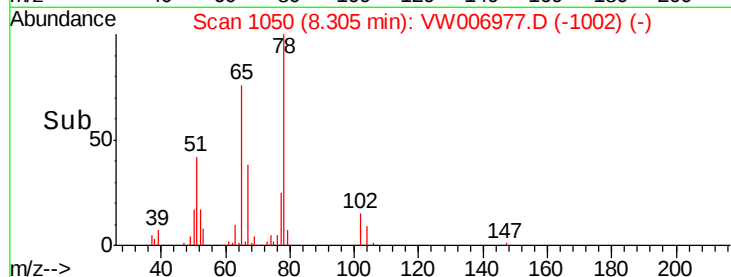
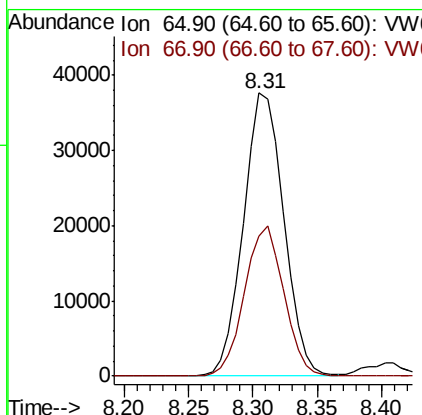
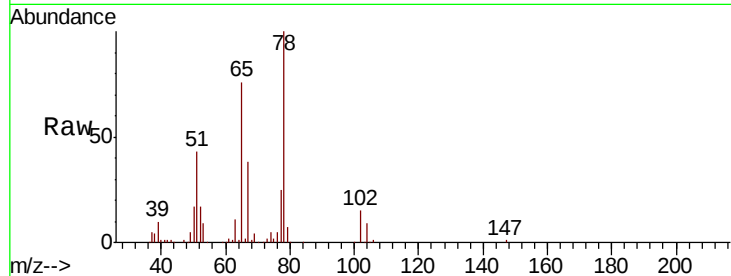




#33
 1,2-Dichloroethane-d4
 Concen: 71.109 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

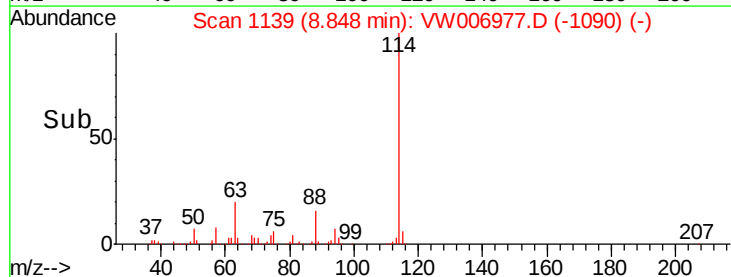
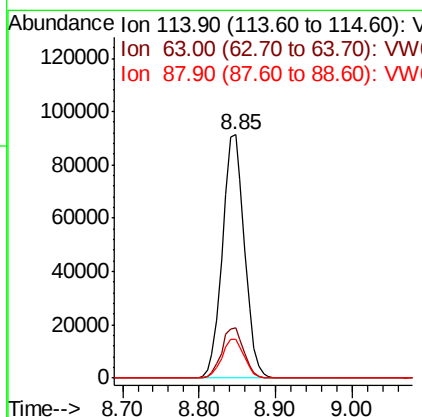
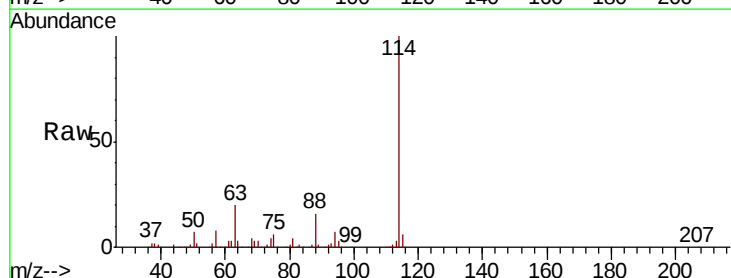
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

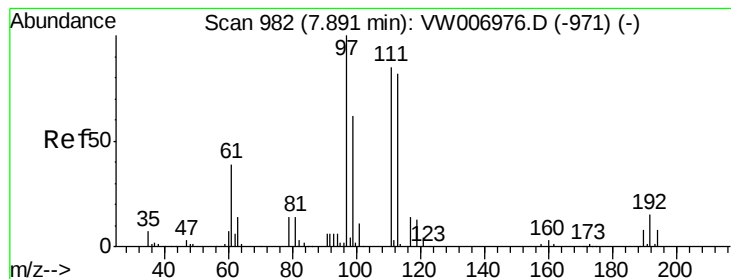
Tgt Ion: 65 Resp: 81812
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 114 Resp: 181773
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 16.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 74.455 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

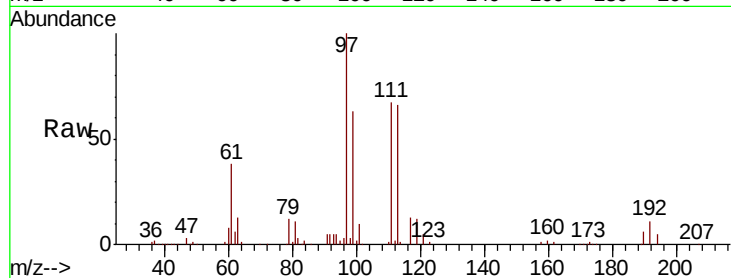
Tgt Ion:113 Resp: 76429

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

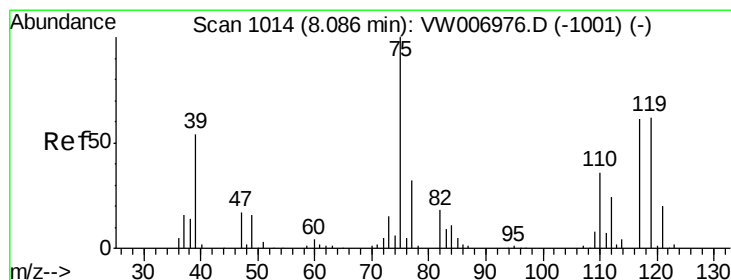
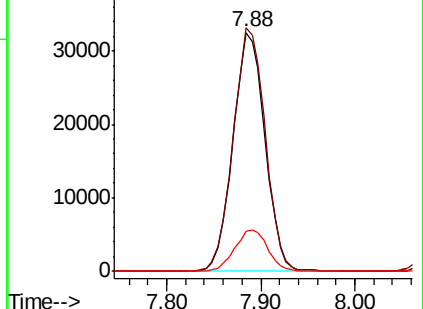
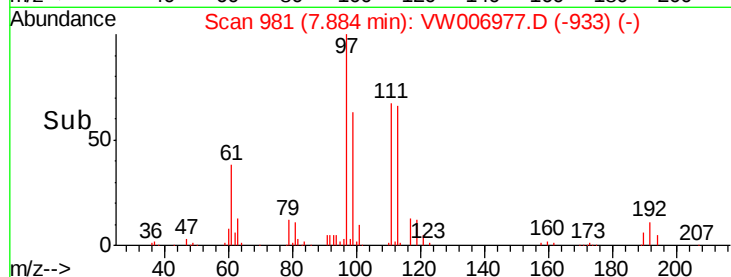
192 17.9 15.0 22.6



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: 71.273 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

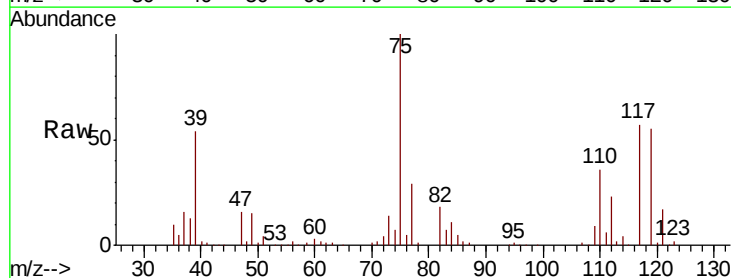
Tgt Ion: 75 Resp: 126602

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

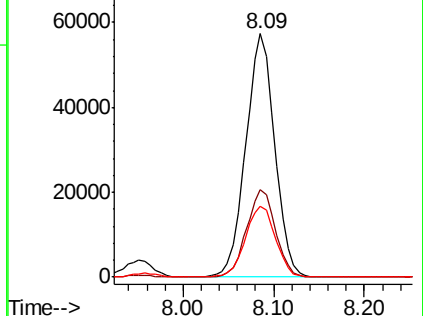
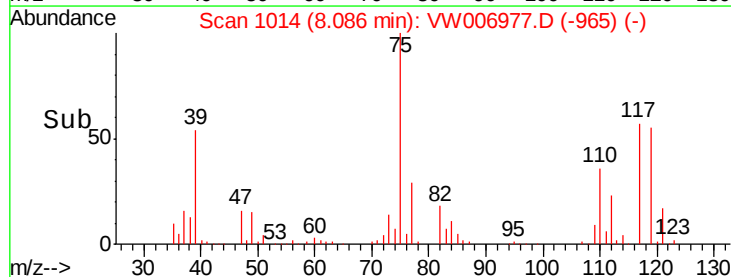
77 30.6 24.9 37.3

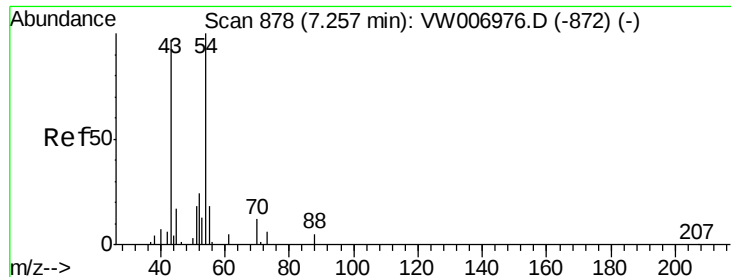


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

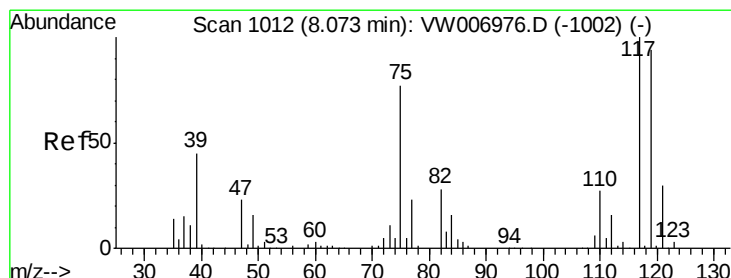
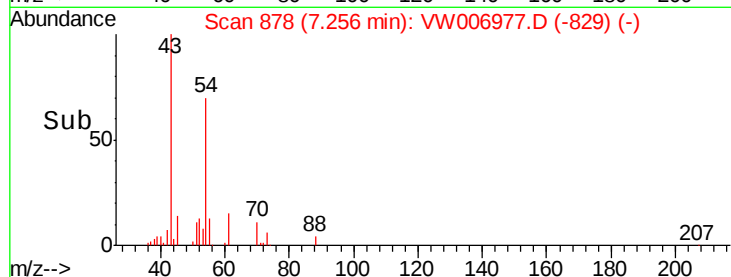
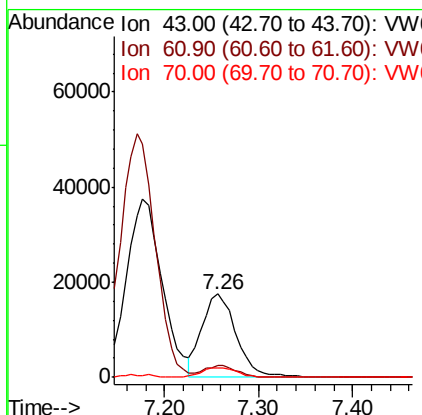
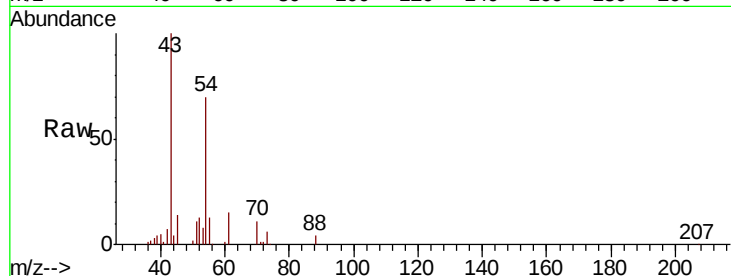




#37
Ethyl Acetate
Concen: 68.874 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

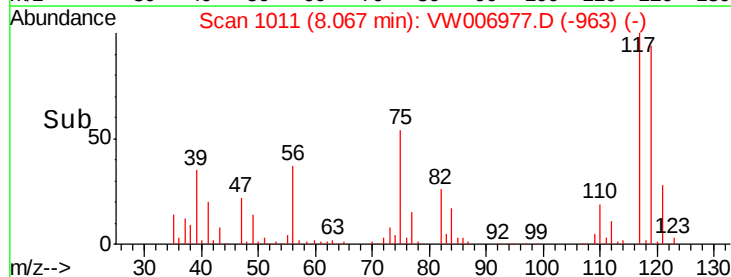
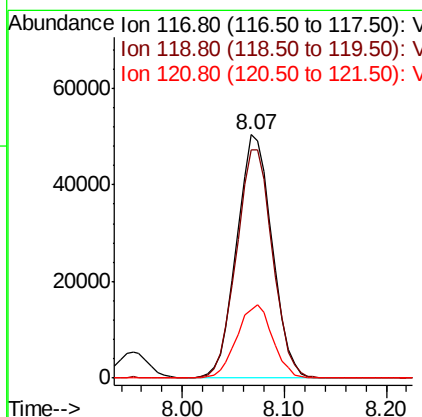
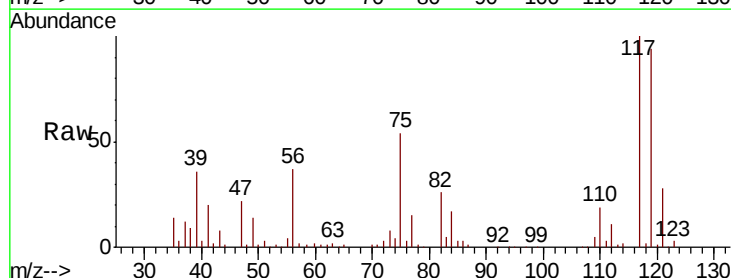
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

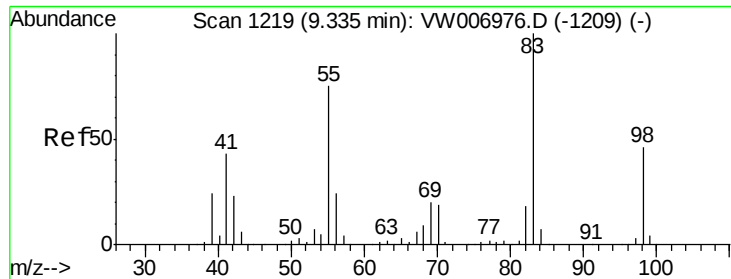
Tgt Ion: 43 Resp: 44333
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 71.364 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 117 Resp: 121389
Ion Ratio Lower Upper
117 100
119 93.8 74.9 112.3
121 28.2 23.6 35.4

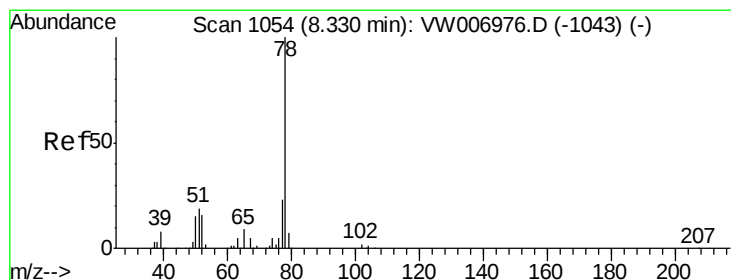
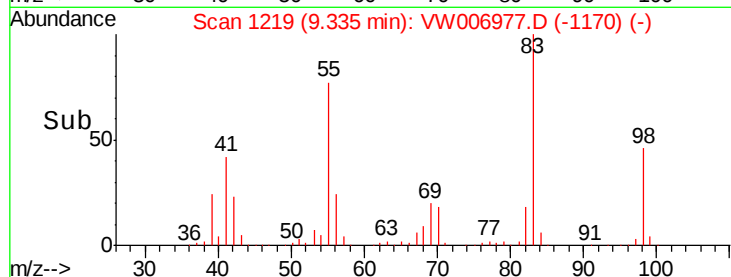
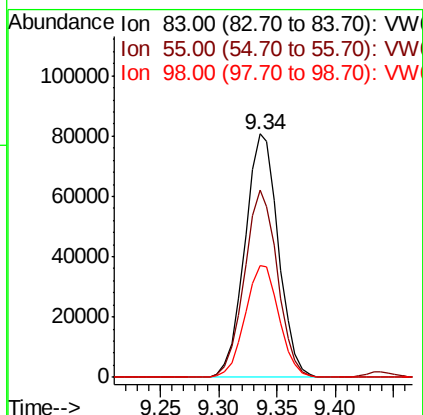
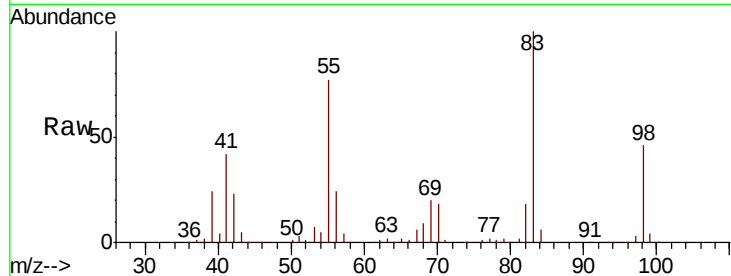




#39
Methylcyclohexane
Concen: 72.879 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

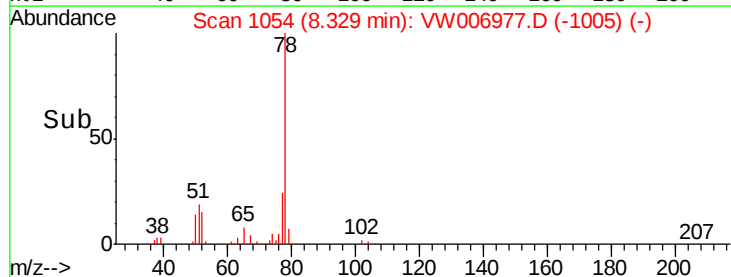
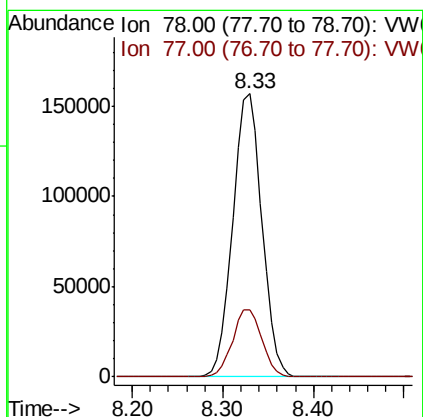
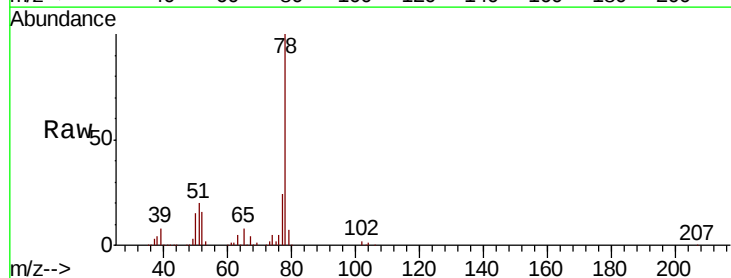
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

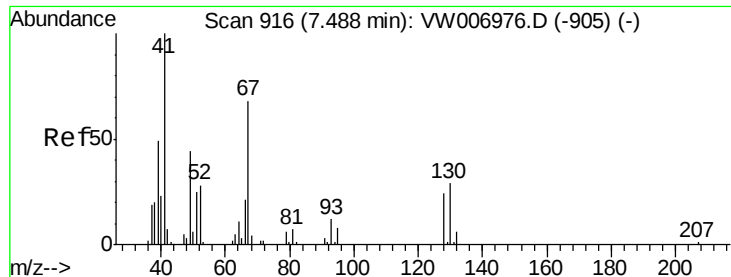
Tgt Ion: 83 Resp: 162001
Ion Ratio Lower Upper
83 100
55 76.9 59.6 89.4
98 45.9 37.1 55.7



#40
Benzene
Concen: 73.044 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 78 Resp: 350236
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

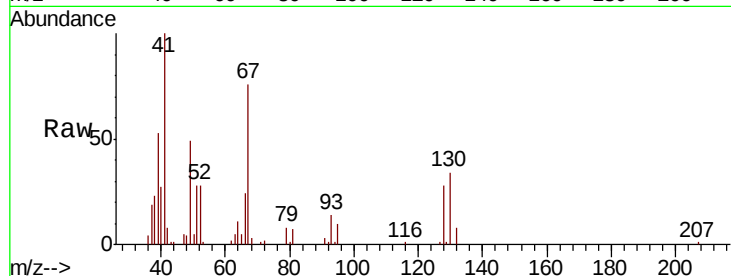




#41
Methacrylonitrile
Concen: 78.638 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	31435
Ion	Ratio	Lower	Upper
41	100		
39	47.8	48.6	73.0#
67	65.2	59.8	89.8
52	27.8	24.8	37.2



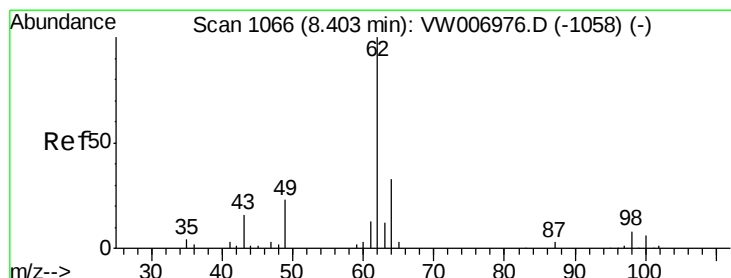
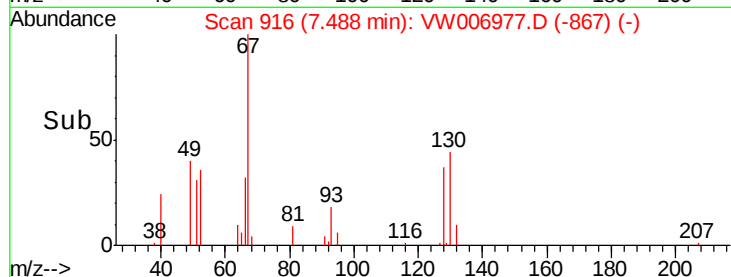
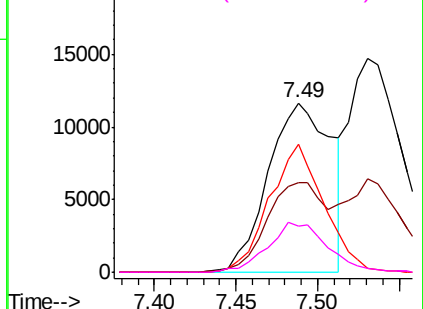
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

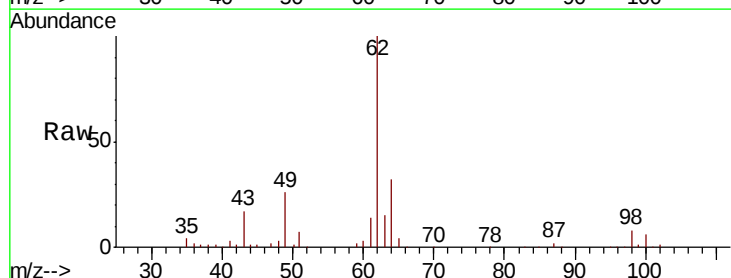
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 68.821 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

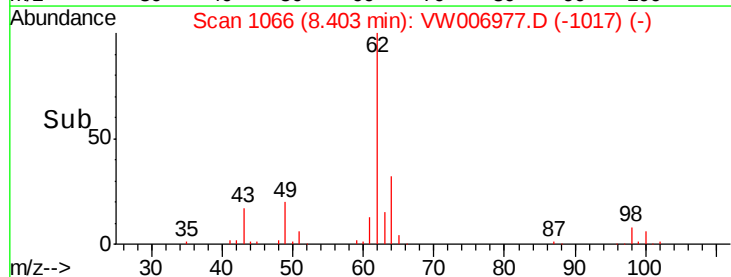
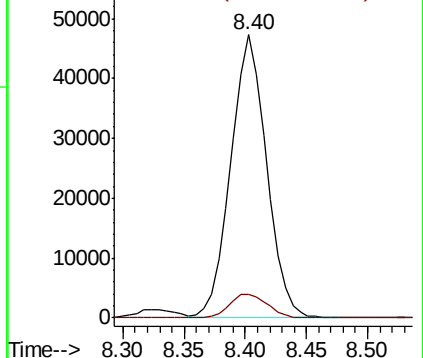
Tgt Ion:	62	Resp:	95805
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6

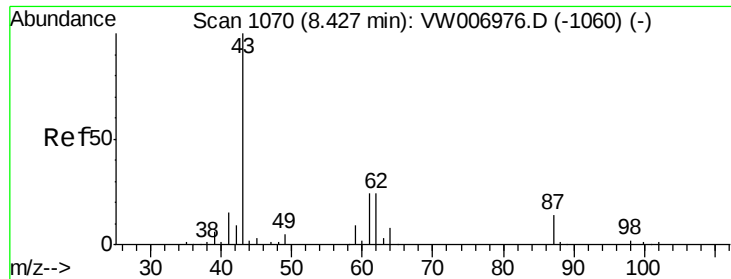


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 72.923 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

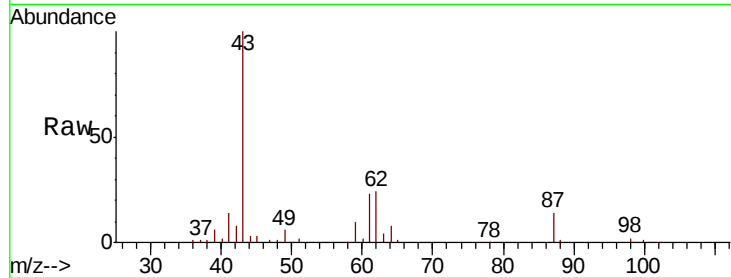
Tgt Ion: 43 Resp: 89451

Ion Ratio Lower Upper

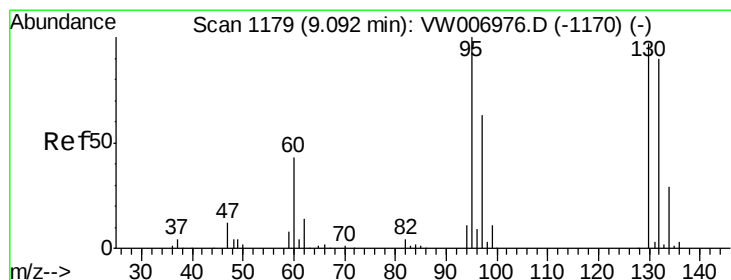
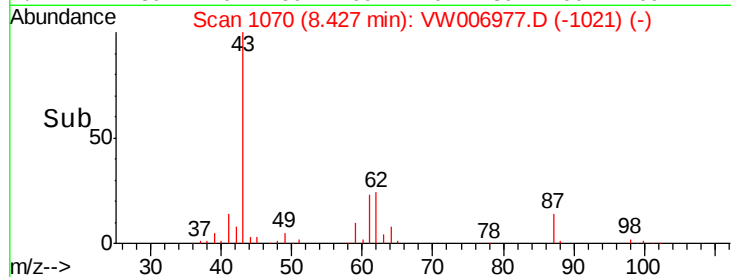
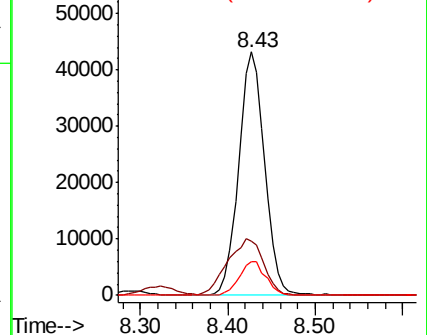
43 100

61 31.7 26.1 39.1

87 14.2 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: 71.018 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006977.D

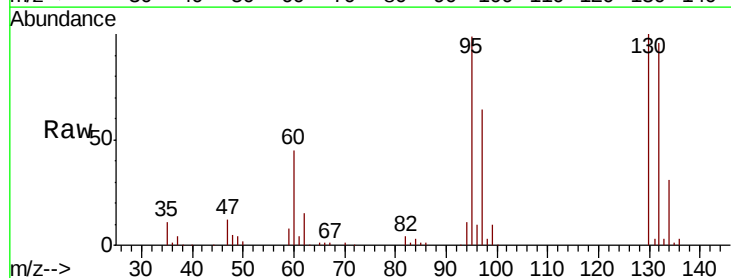
Acq: 20 Nov 2018 15:30

Tgt Ion: 130 Resp: 95457

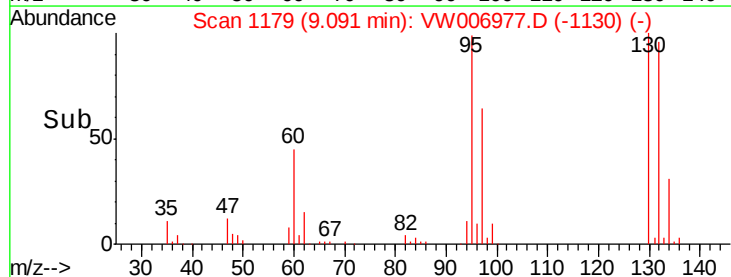
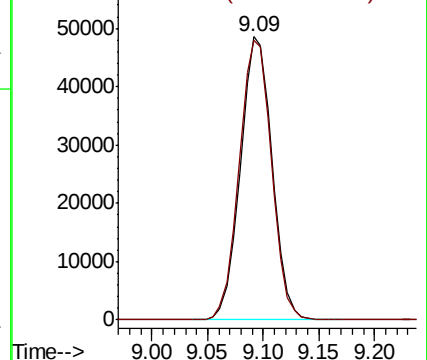
Ion Ratio Lower Upper

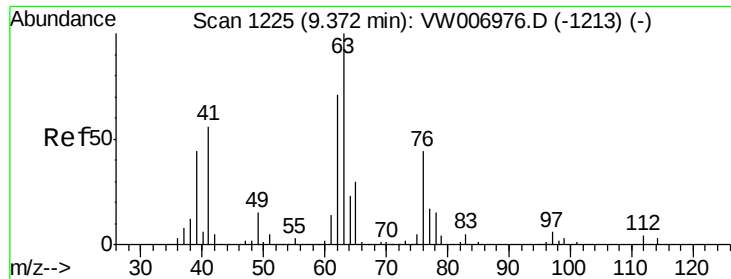
130 100

95 98.9 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: 72.069 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

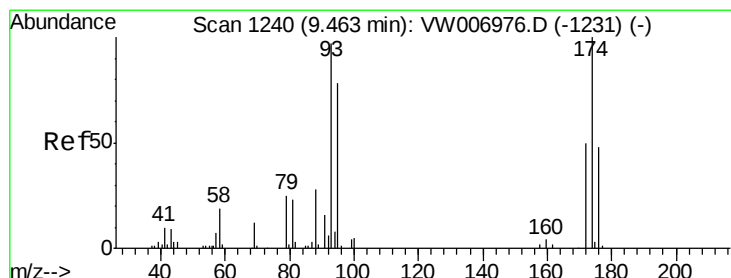
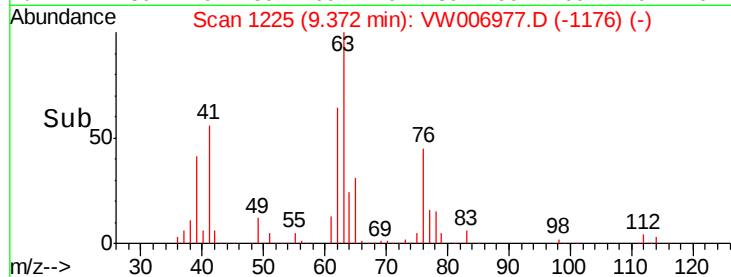
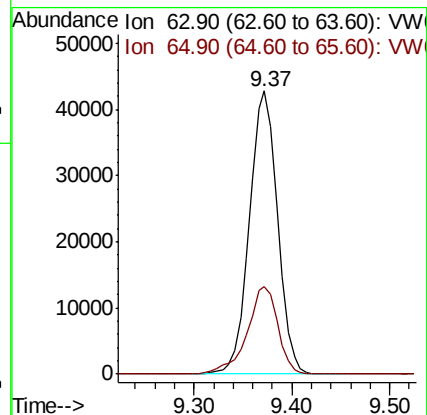
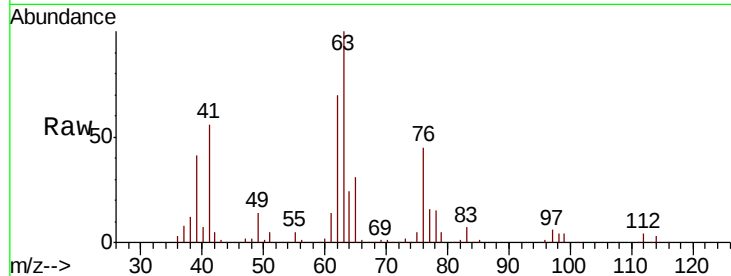
VSTDIC075

Tgt Ion: 63 Resp: 85183

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 71.439 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

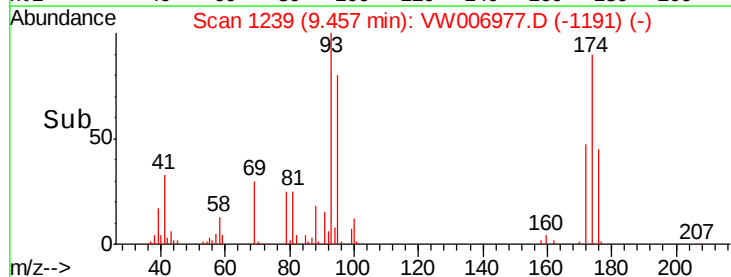
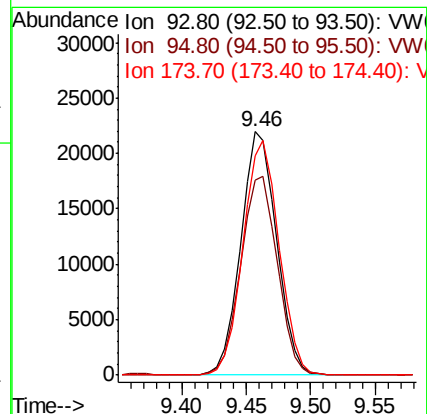
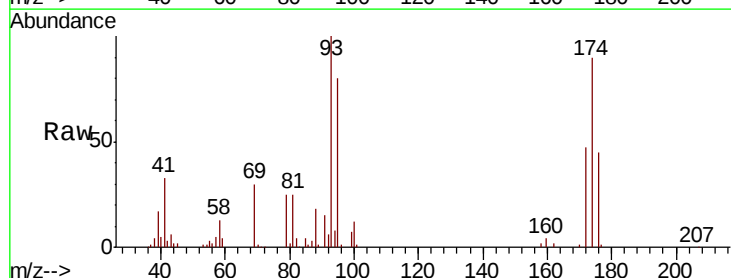
Tgt Ion: 93 Resp: 42285

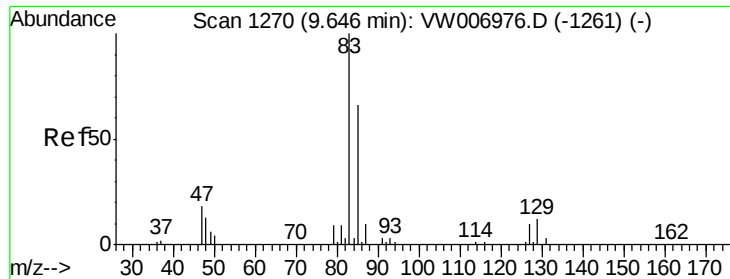
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 96.9 79.7 119.5





#47

Bromodichloromethane

Concen: 70.304 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

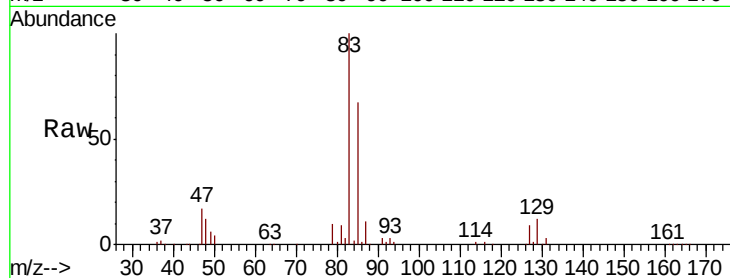
Tgt Ion: 83 Resp: 109640

Ion Ratio Lower Upper

83 100

85 67.3 52.9 79.3

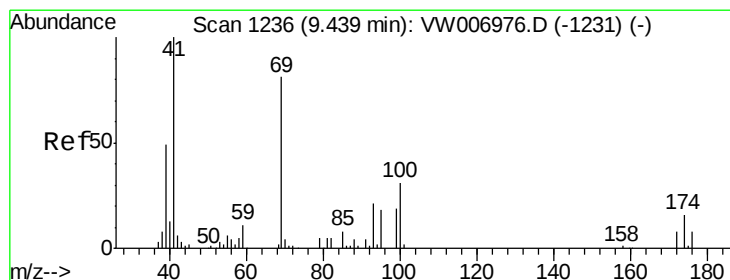
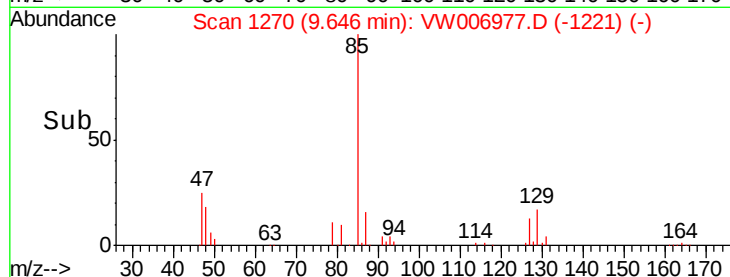
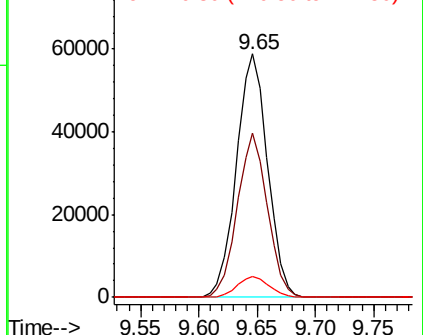
127 8.8 7.8 11.6



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): V



#48

Methyl methacrylate

Concen: 74.925 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

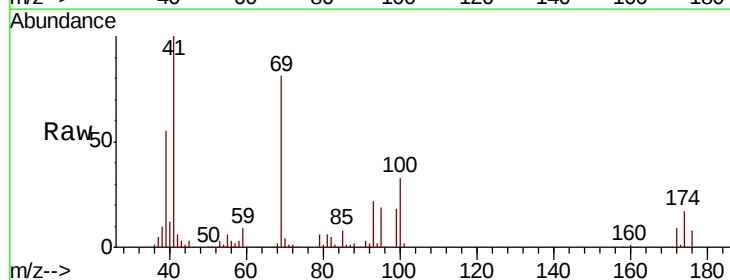
Tgt Ion: 41 Resp: 44315

Ion Ratio Lower Upper

41 100

69 87.3 71.4 107.0

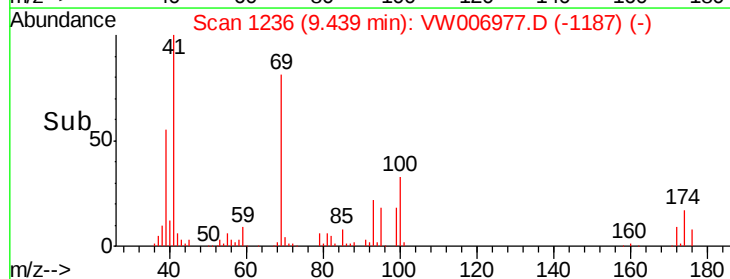
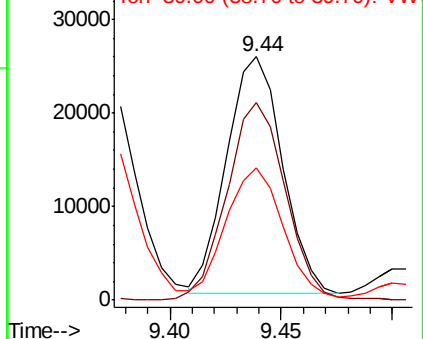
39 55.0 44.8 67.2

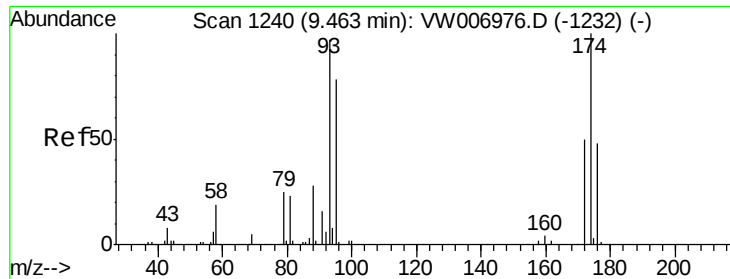


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

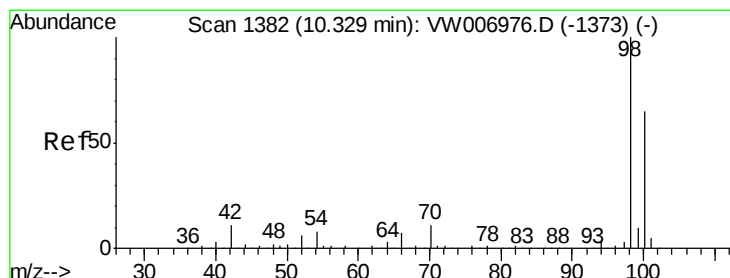
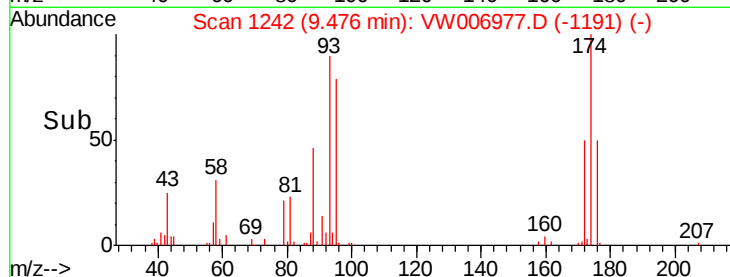
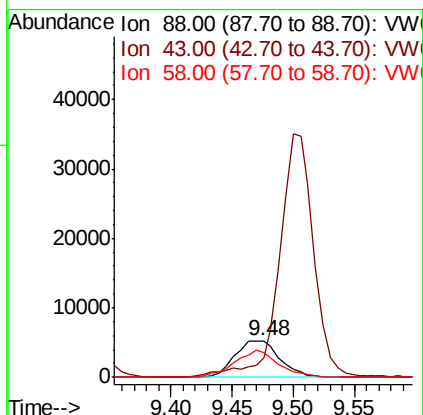
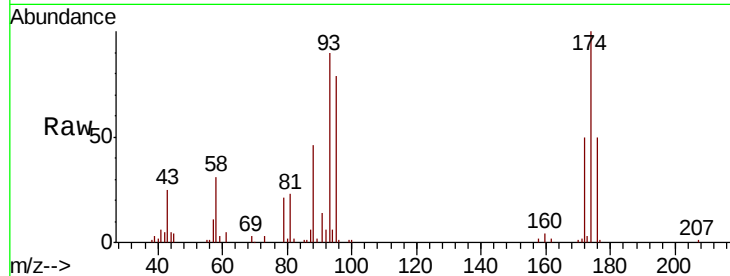




#49
1,4-Dioxane
Concen: 1521.554 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

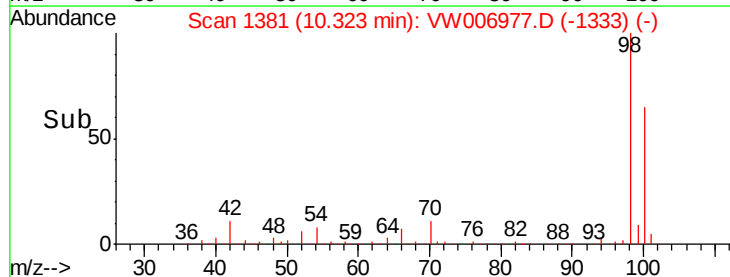
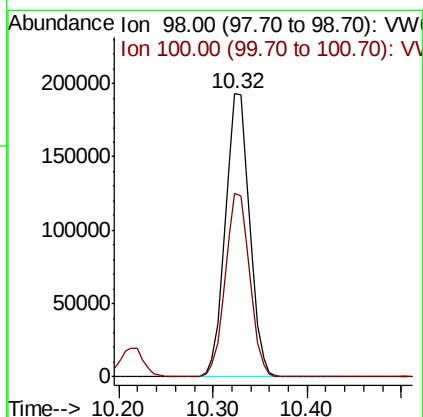
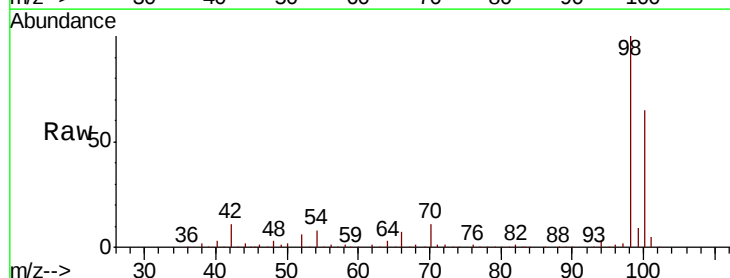
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

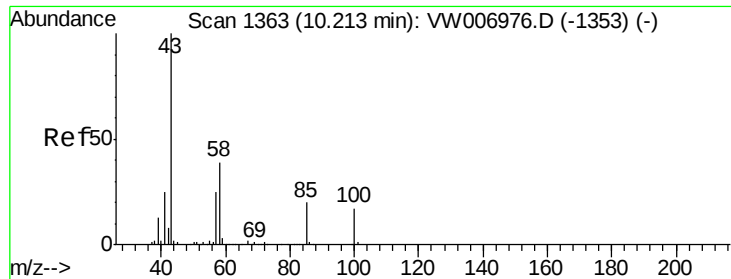
Tgt Ion: 88 Resp: 13386
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.9 59.0 88.6



#50
Toluene-d8
Concen: 75.964 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 98 Resp: 344344
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

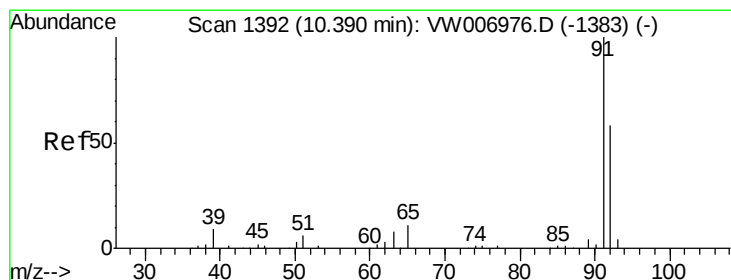
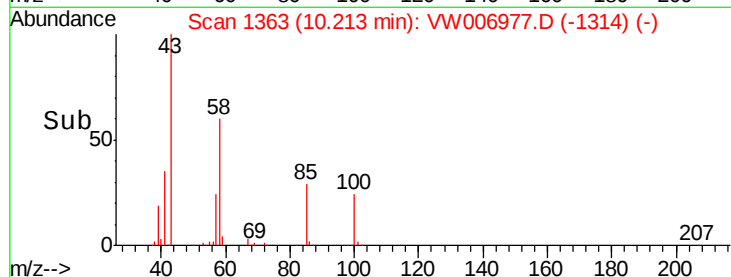
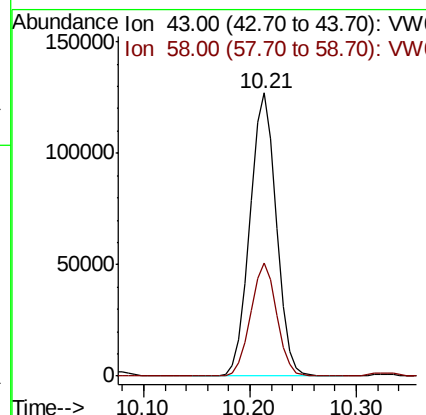
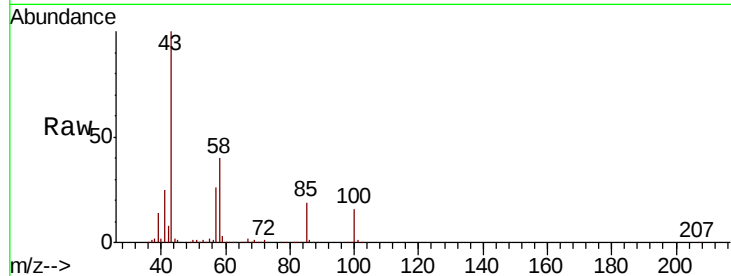




#51
 4-Methyl-2-Pentanone
 Concen: 358.490 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

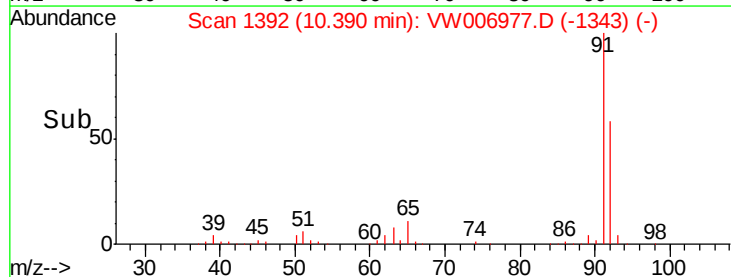
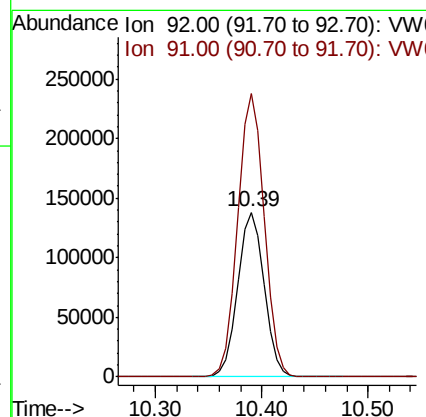
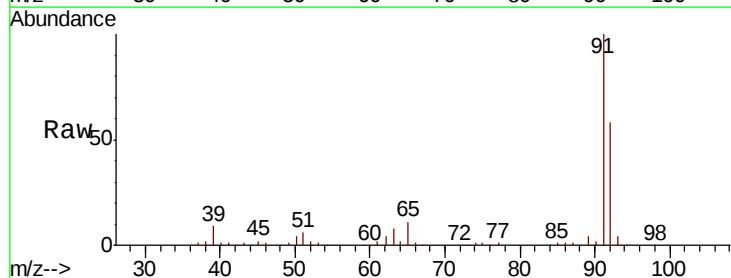
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

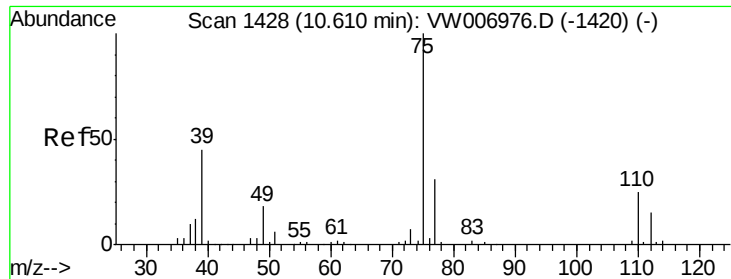
Tgt Ion: 43 Resp: 222225
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 73.930 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 92 Resp: 241241
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 74.690 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

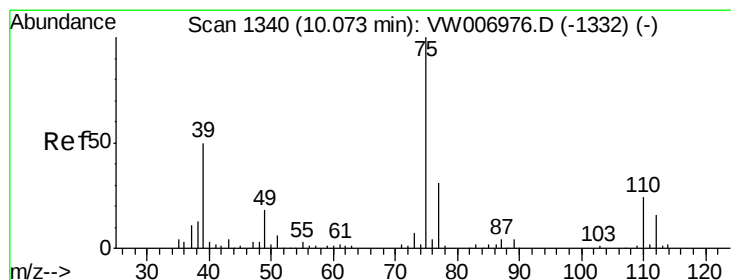
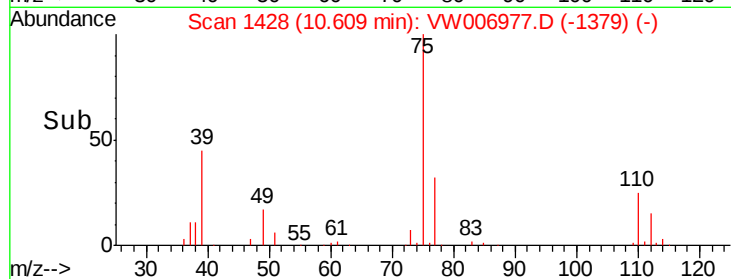
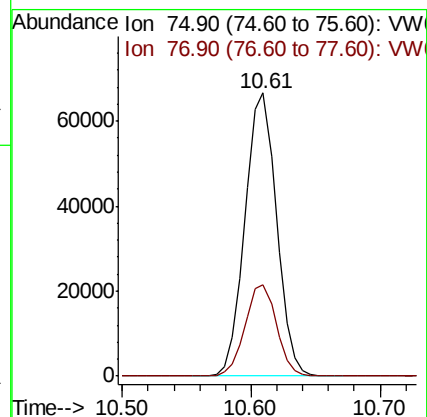
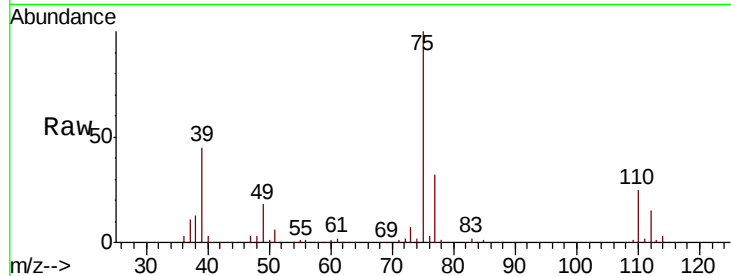
VSTDIC075

Tgt Ion: 75 Resp: 112835

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 74.033 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

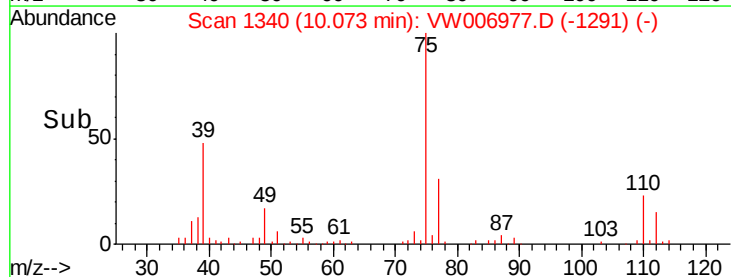
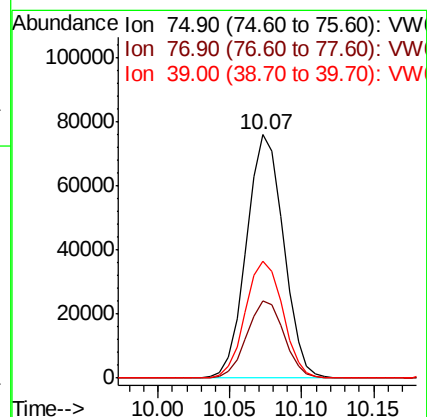
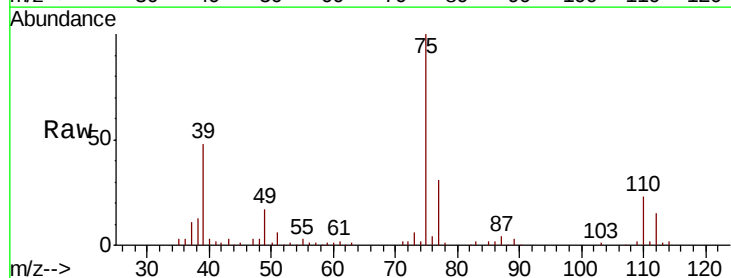
Tgt Ion: 75 Resp: 135121

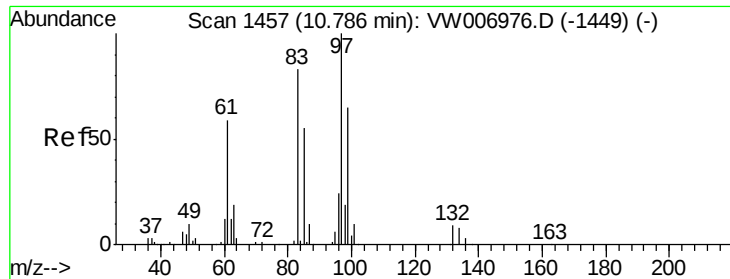
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 48.2 39.9 59.9

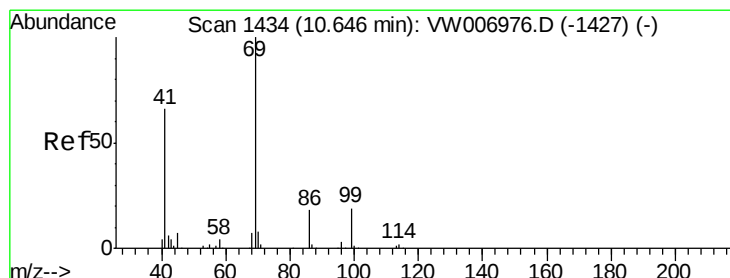
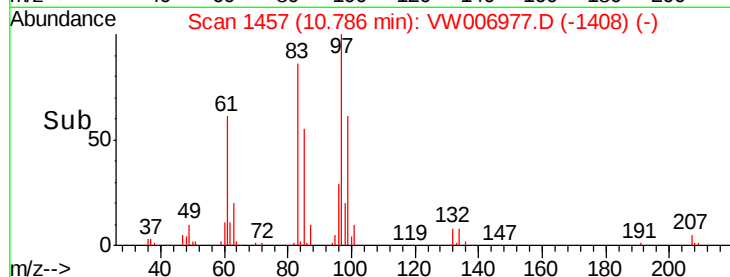
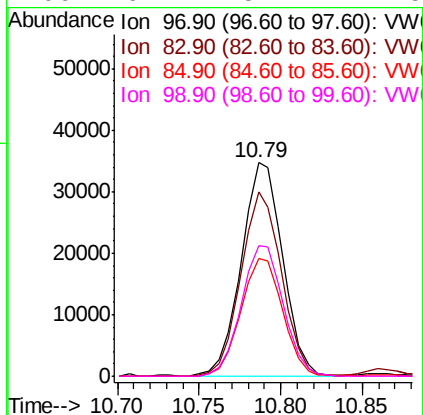
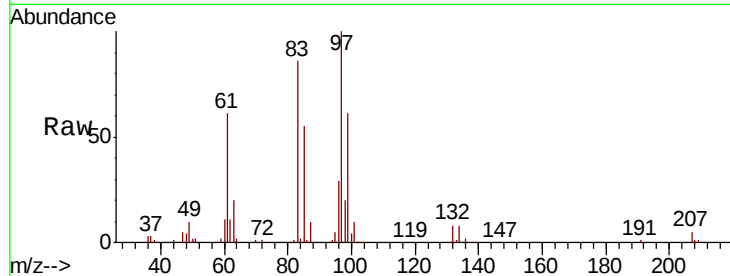




#55
 1,1,2-Trichloroethane
 Concen: 70.456 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

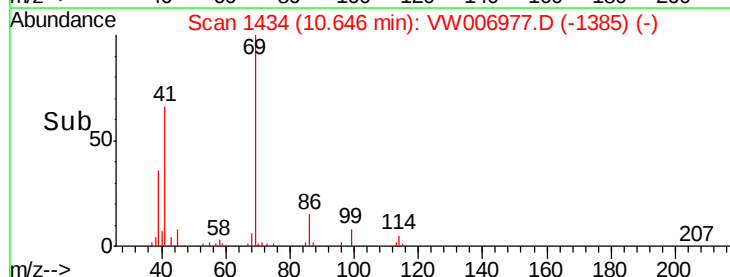
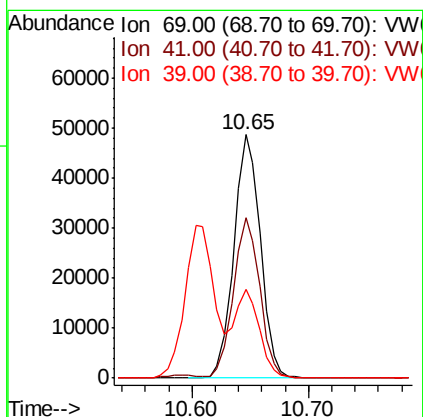
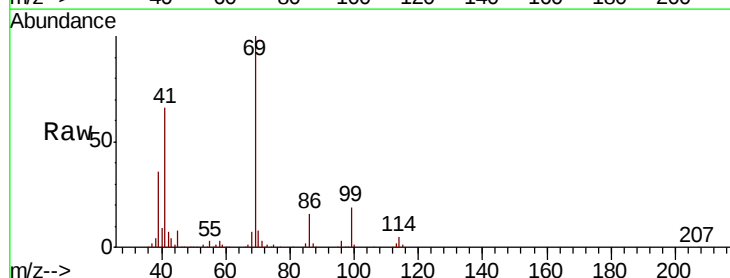
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

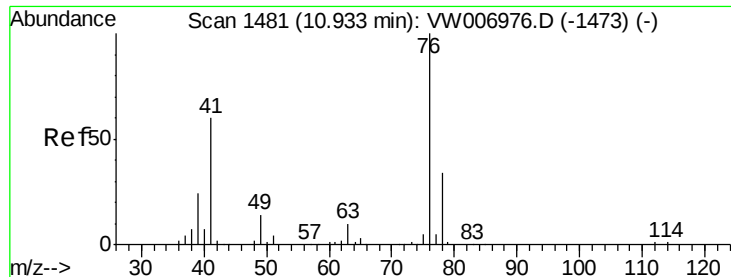
Tgt Ion:	97	Resp:	61357
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.4	99.6
85	55.1	44.1	66.1
99	61.2	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 76.386 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion:	69	Resp:	77216
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.4	80.0
39	35.0	28.2	42.4

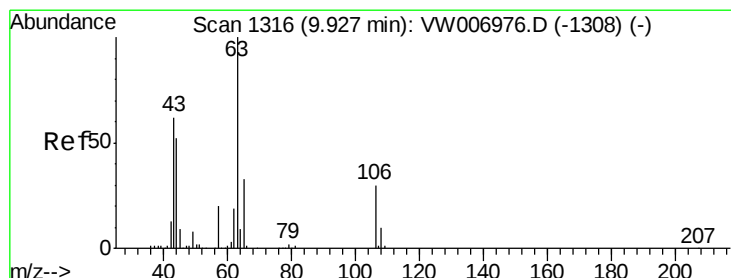
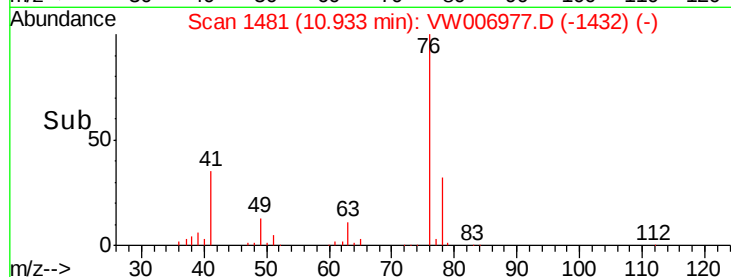
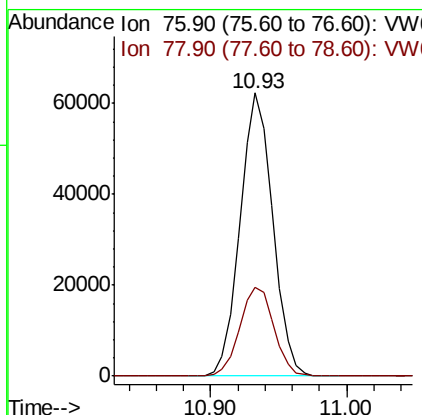
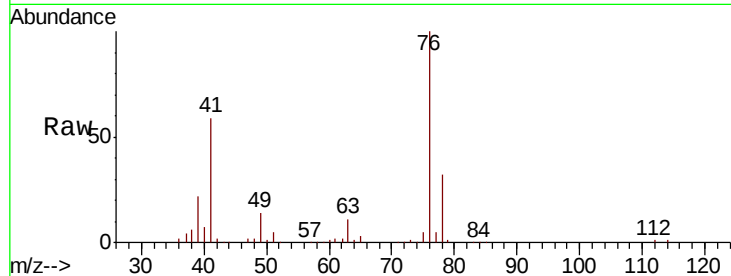




#57
 1,3-Dichloropropane
 Concen: 71.636 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

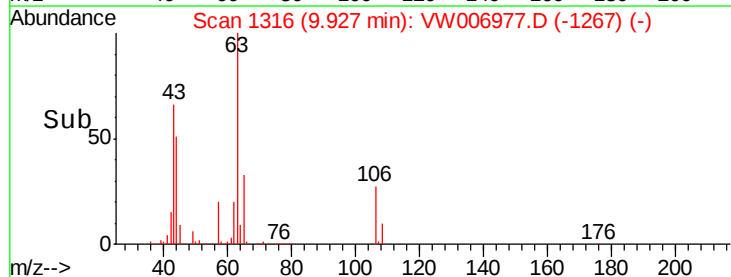
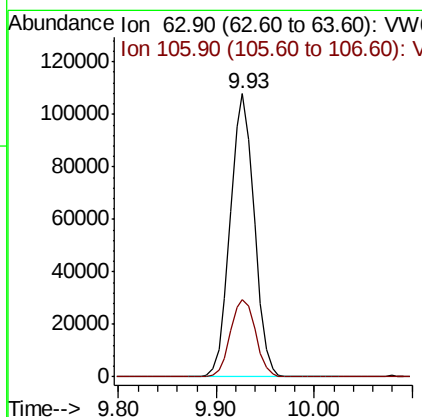
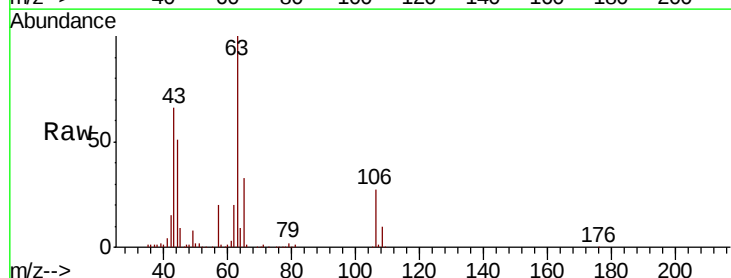
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

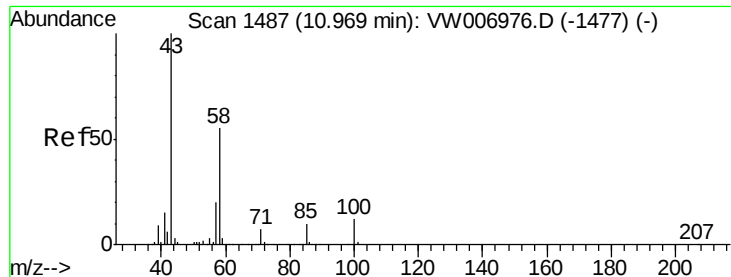
Tgt Ion: 76 Resp: 104545
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 348.166 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 63 Resp: 183912
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.5 35.3

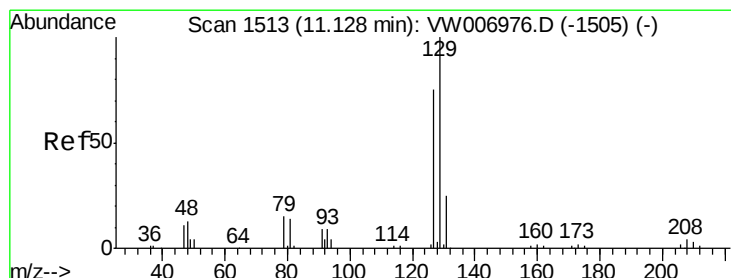
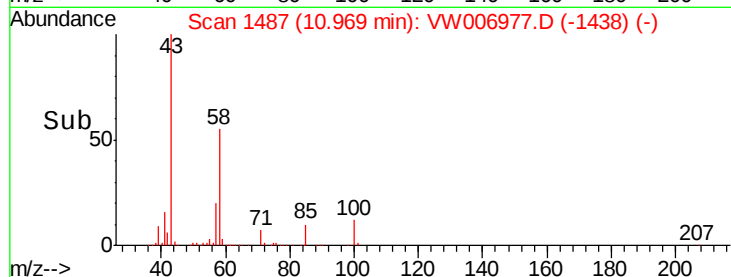
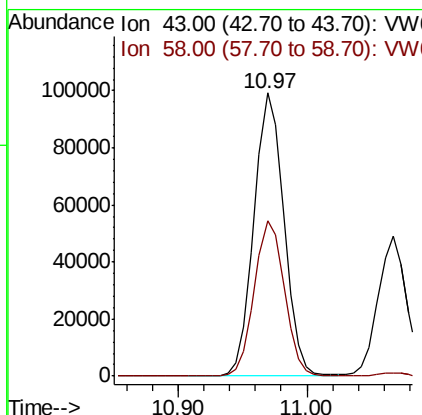
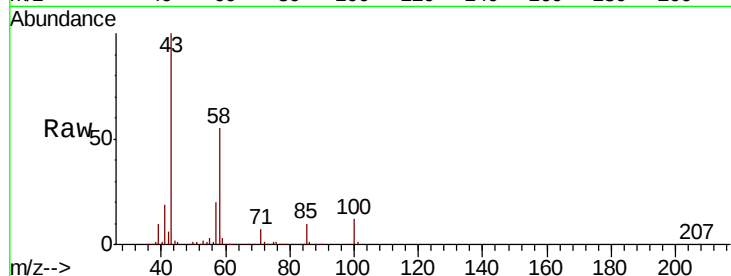




#59
2-Hexanone
Concen: 376.599 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

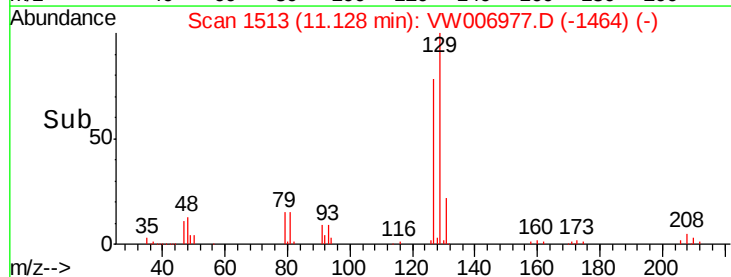
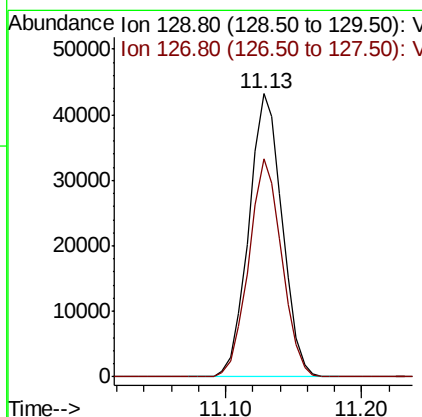
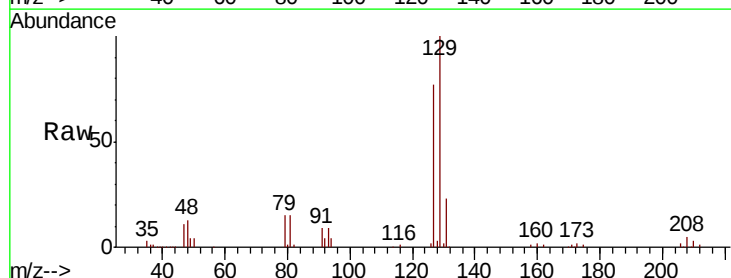
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

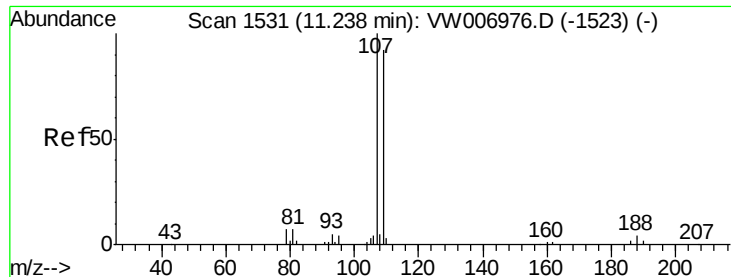
Tgt Ion: 43 Resp: 159865
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 74.662 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 129 Resp: 74088
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 73.360 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

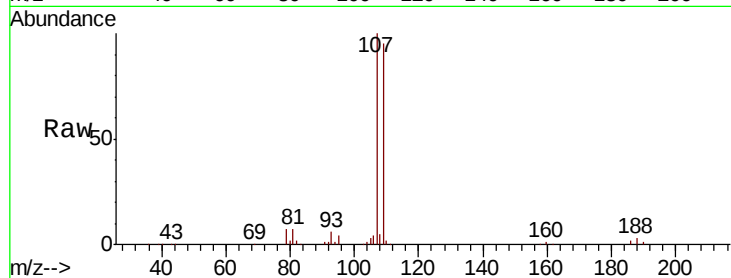
VSTDIC075

Tgt Ion: 107 Resp: 58442

Ion Ratio Lower Upper

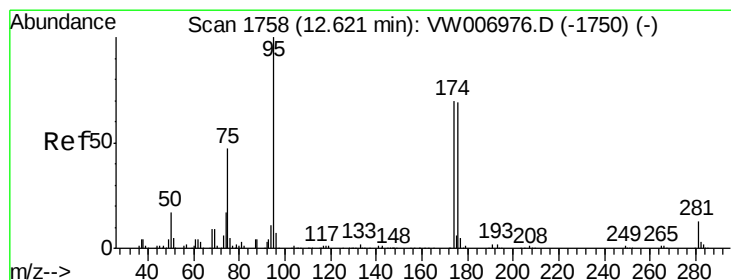
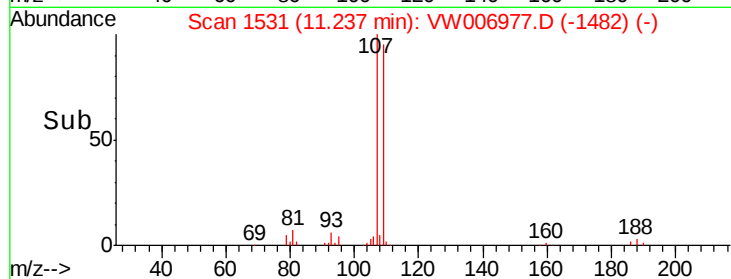
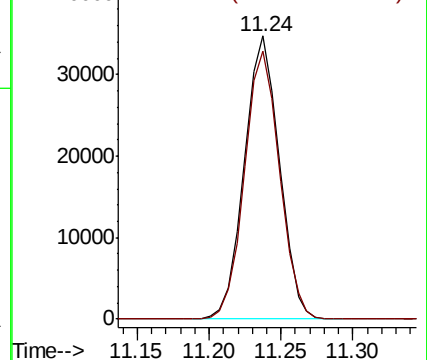
107 100

109 94.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 73.978 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

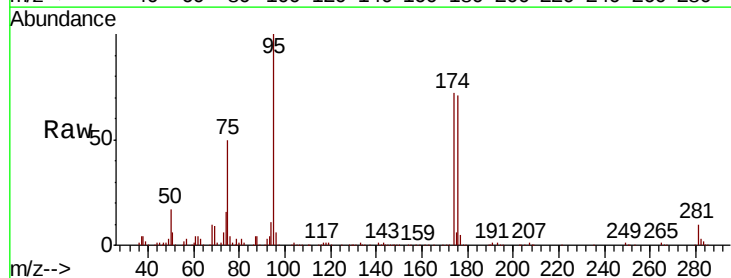
Tgt Ion: 95 Resp: 131962

Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.6

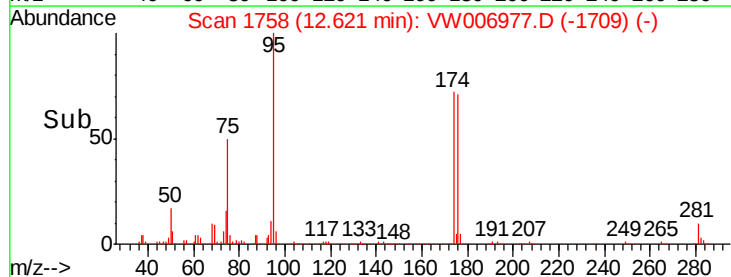
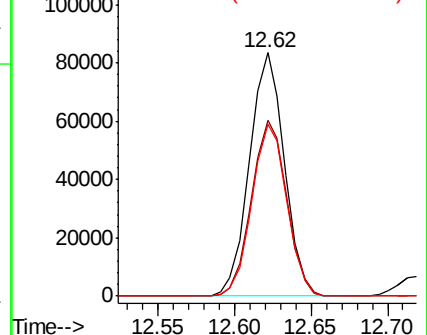
176 70.9 0.0 140.4

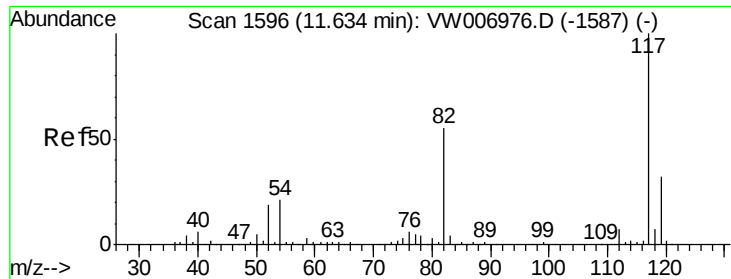


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

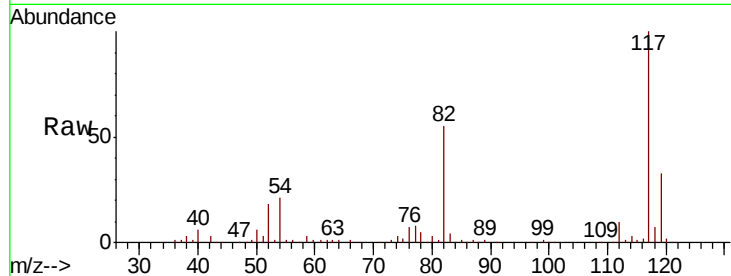




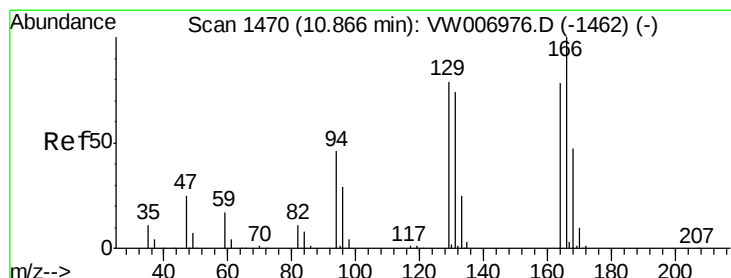
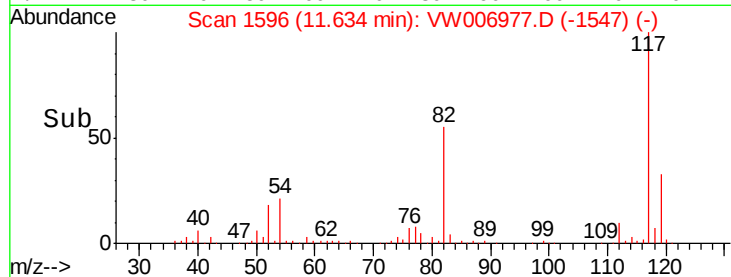
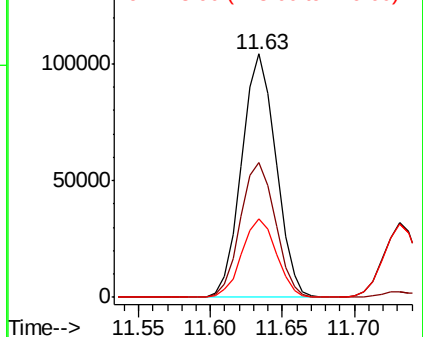
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:117 Resp: 172650
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.5 25.9 38.9

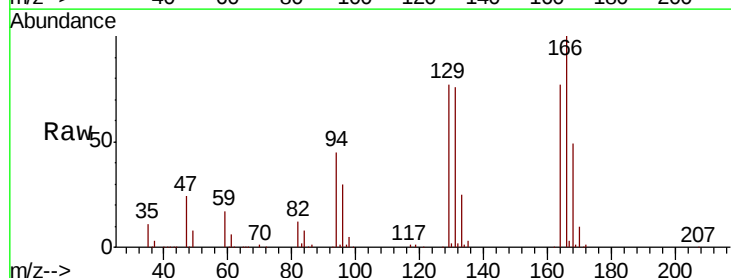


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

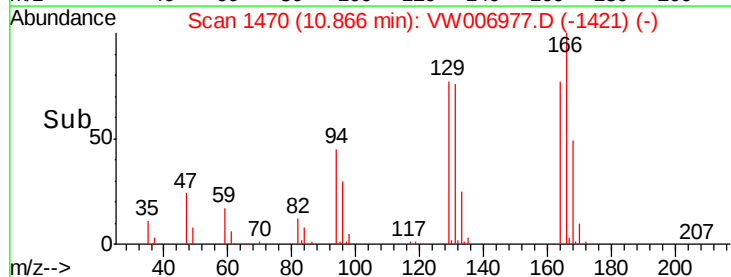
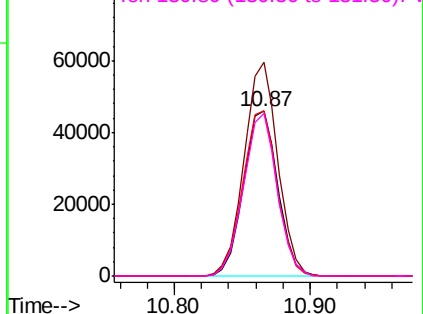


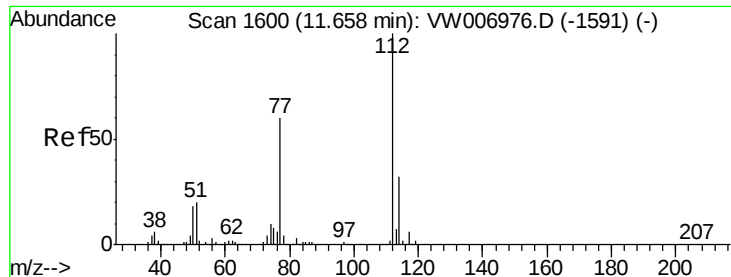
#64
Tetrachloroethene
Concen: 72.862 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion:164 Resp: 80928
Ion Ratio Lower Upper
164 100
166 129.8 102.1 153.1
129 100.3 80.4 120.6
131 98.7 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

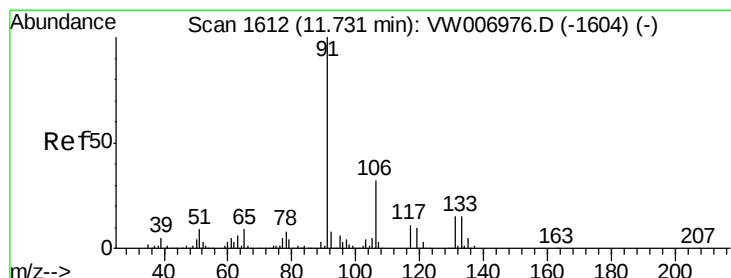
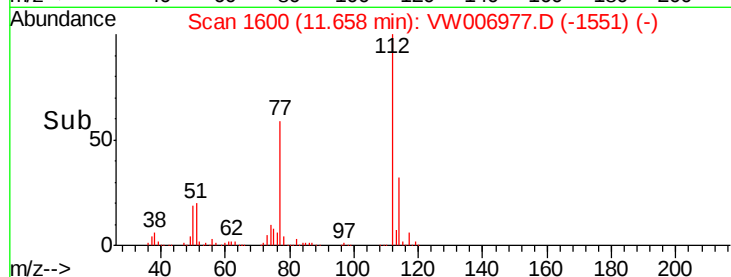
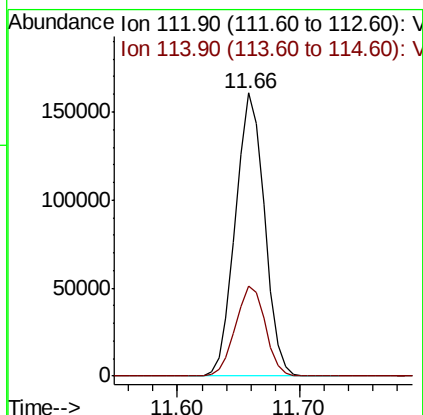
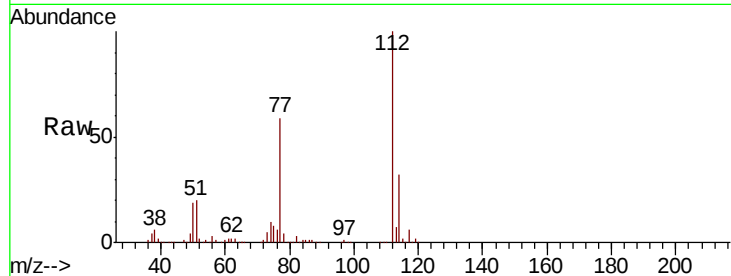




#65
Chlorobenzene
Concen: 73.455 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

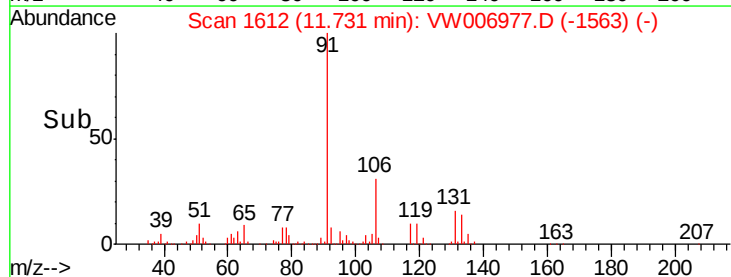
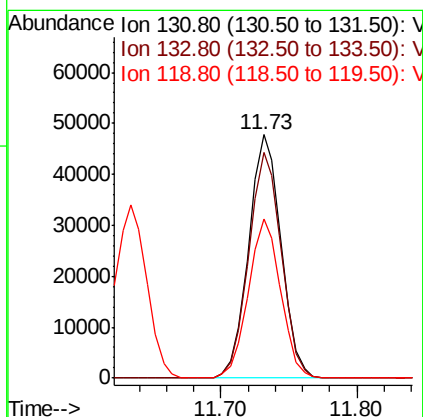
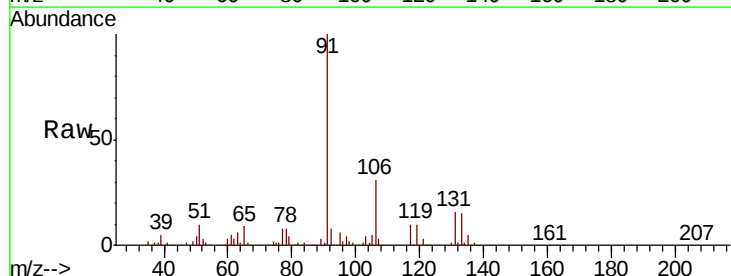
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

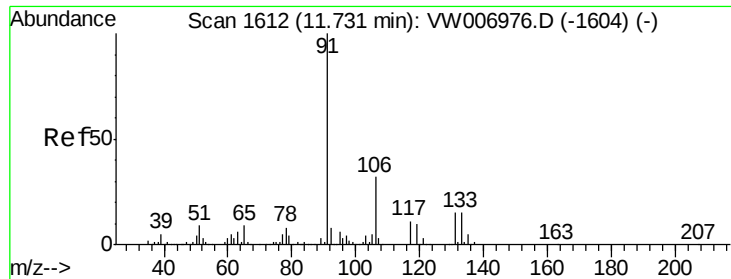
Tgt Ion:112 Resp: 264692
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 73.138 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion:131 Resp: 79726
Ion Ratio Lower Upper
131 100
133 93.3 47.7 143.1
119 65.2 31.8 95.3

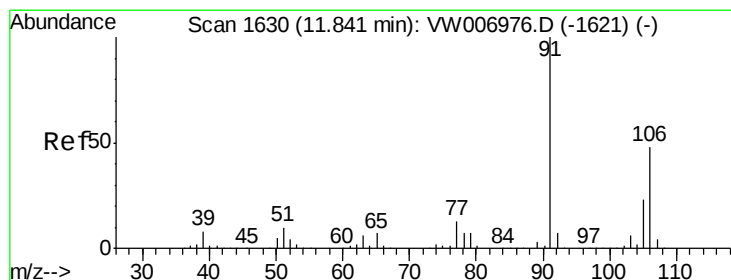
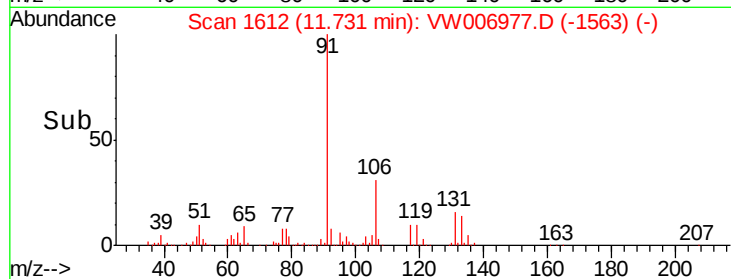
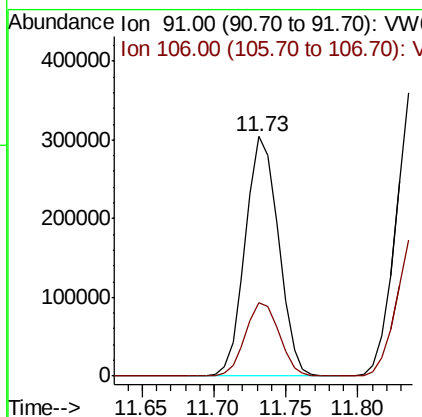
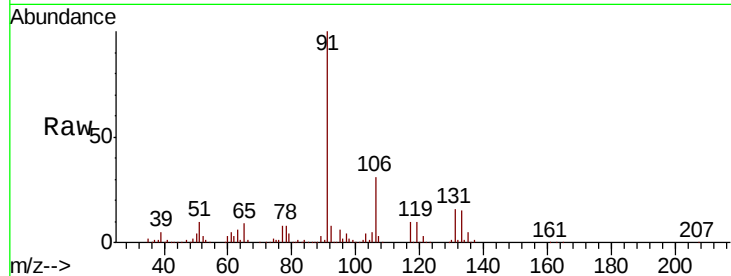




#67
Ethyl Benzene
Concen: 73.570 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

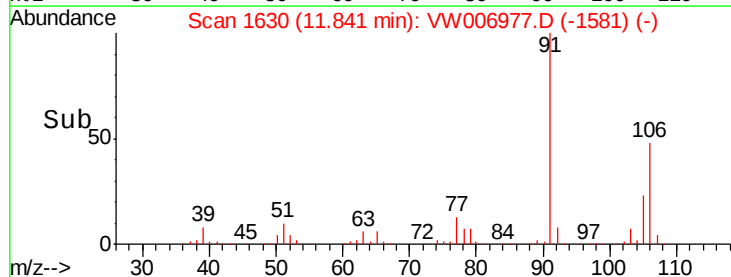
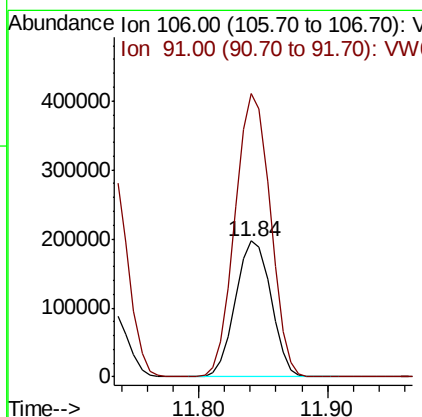
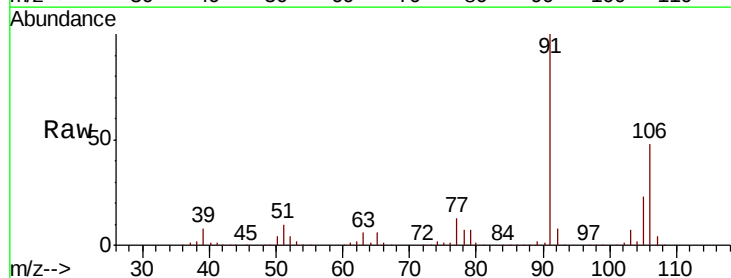
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

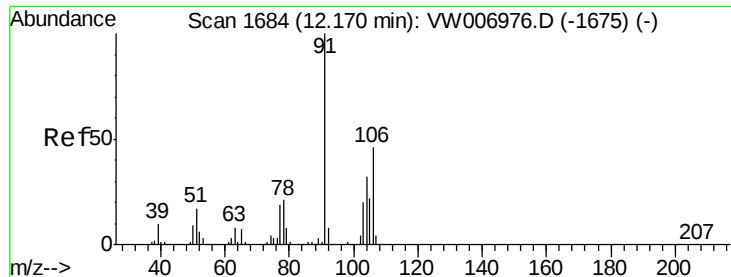
Tgt Ion: 91 Resp: 487013
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 145.887 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 106 Resp: 378888
Ion Ratio Lower Upper
106 100
91 206.6 164.8 247.2

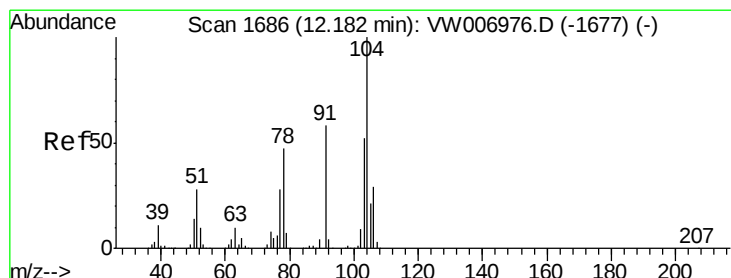
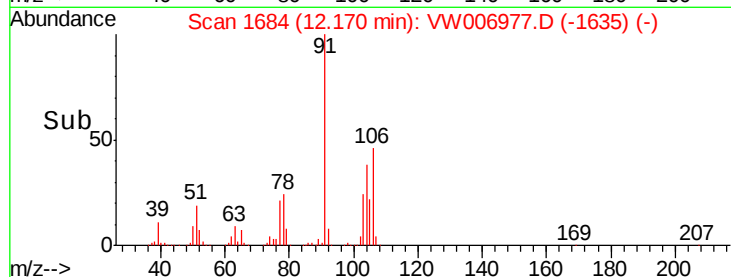
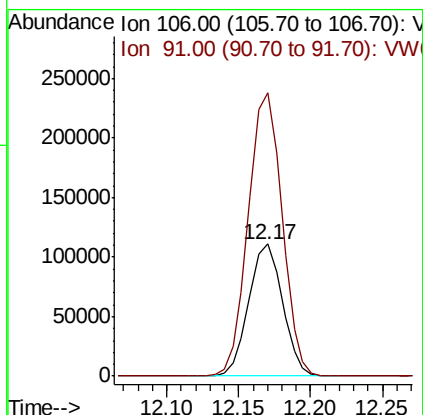
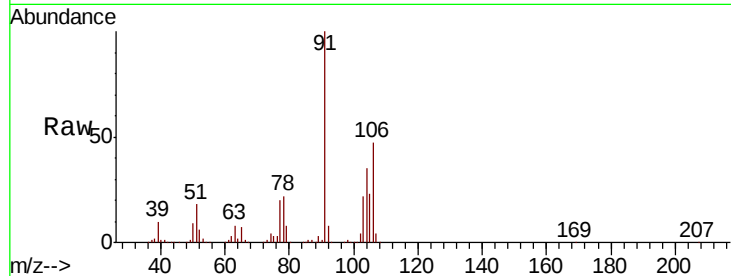




#69
o-Xylene
Concen: 73.680 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

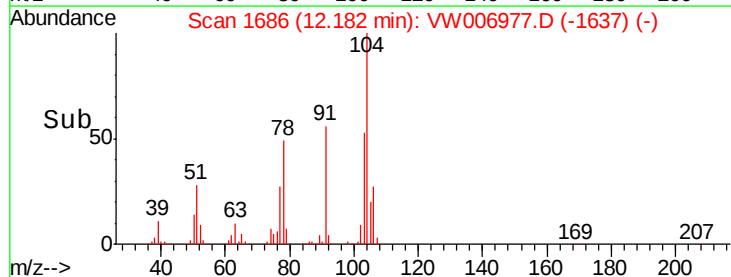
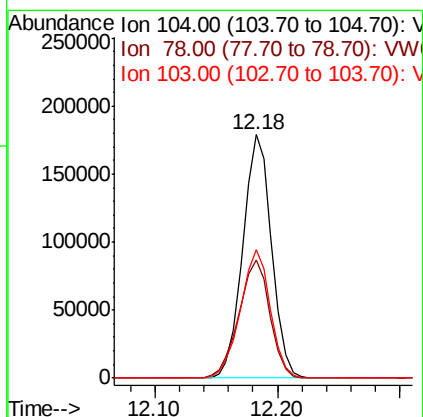
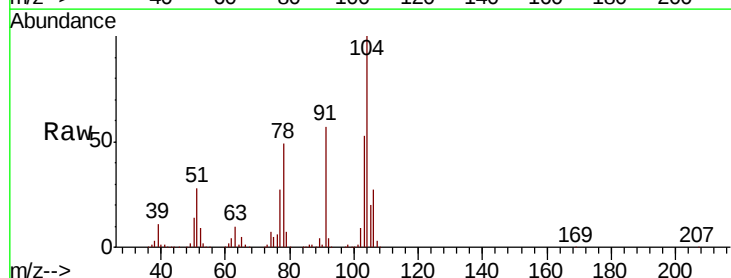
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

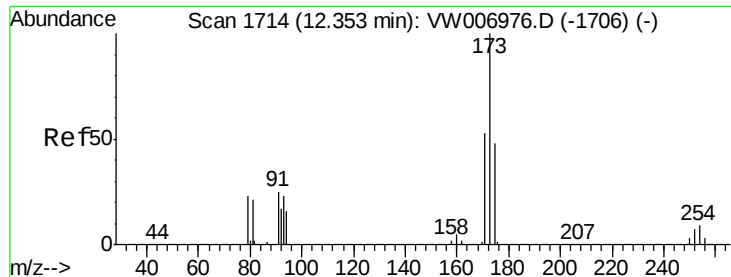
Tgt Ion:106 Resp: 180435
Ion Ratio Lower Upper
106 100
91 214.7 107.9 323.8



#70
Styrene
Concen: 74.624 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion:104 Resp: 290855
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.3 44.4 66.6





#71

Bromoform

Concen: 75.147 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

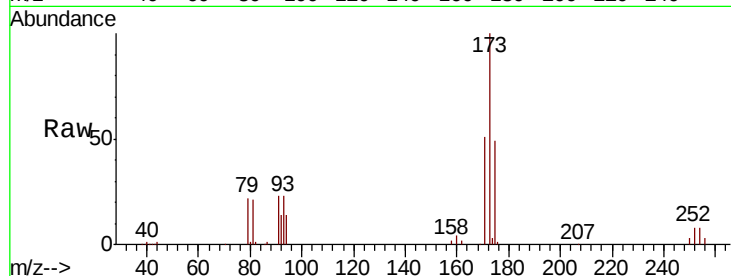
Tgt Ion:173 Resp: 38589

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

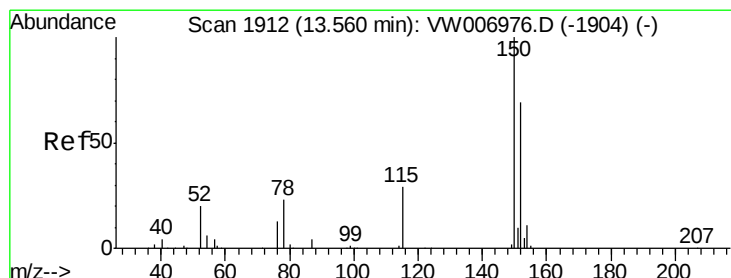
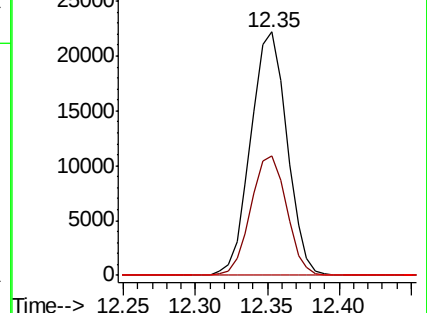
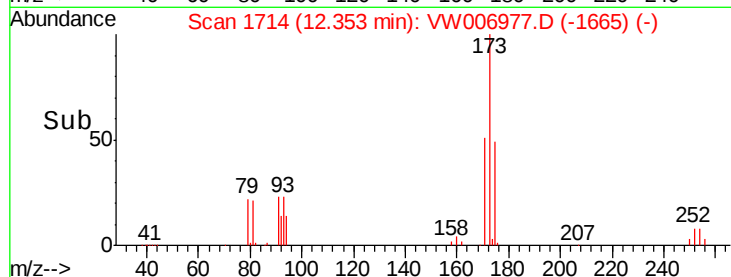
254 0.0 0.0 0.0



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: VW006977.D

Acq: 20 Nov 2018 15:30

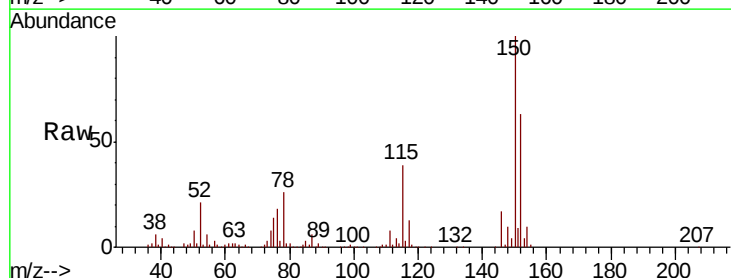
Tgt Ion:152 Resp: 85935

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

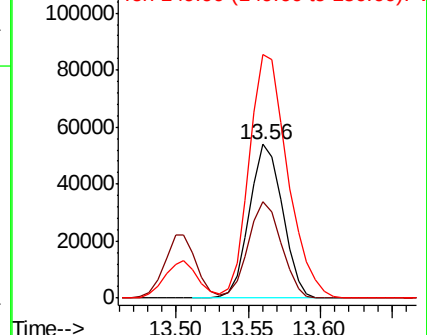
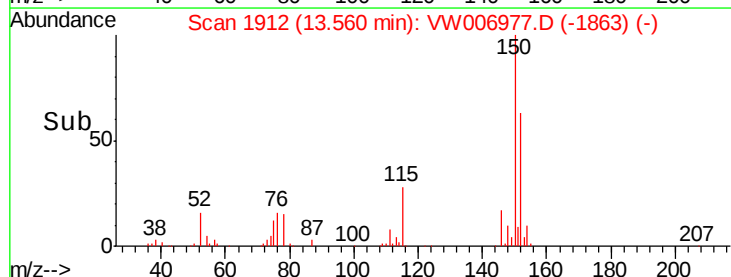
150 182.9 0.0 353.4

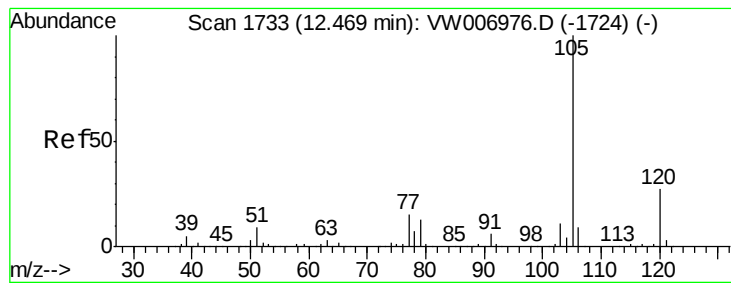


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 74.308 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

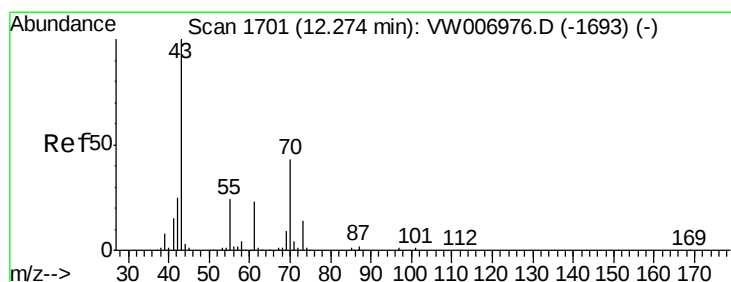
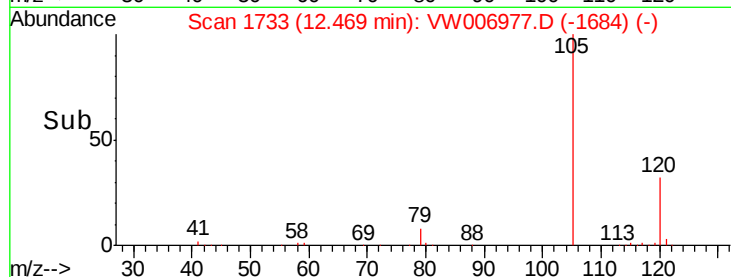
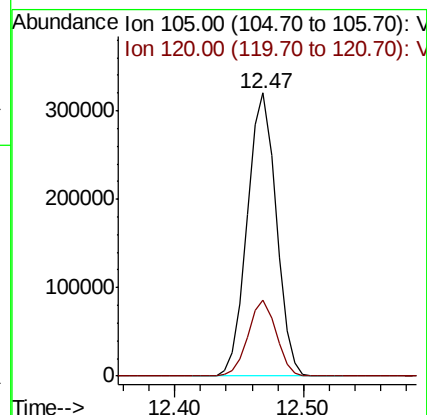
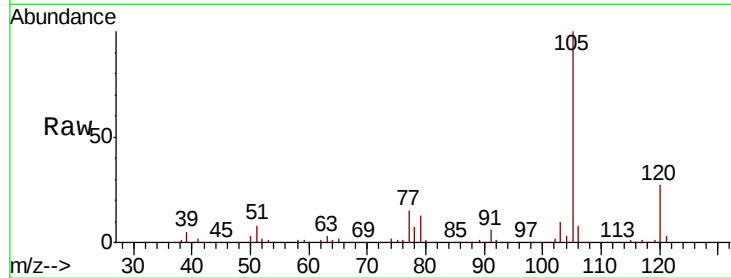
VSTDIC075

Tgt Ion: 105 Resp: 496287

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 75.399 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion: 43 Resp: 84398

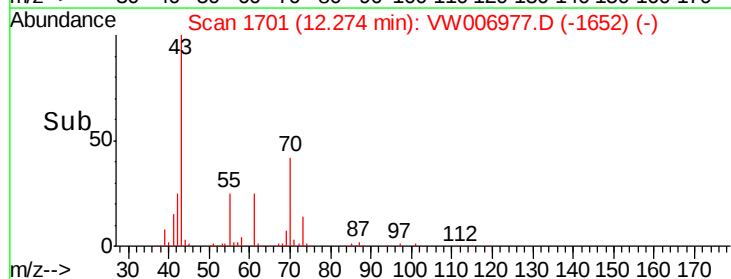
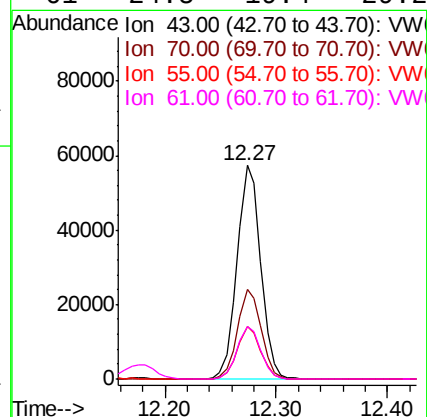
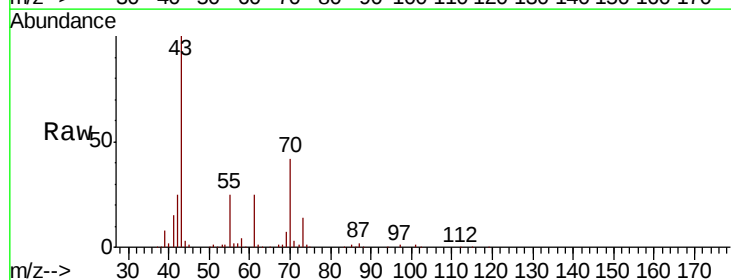
Ion Ratio Lower Upper

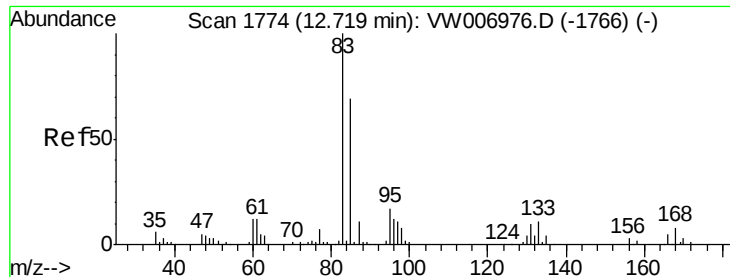
43 100

70 41.8 34.0 51.0

55 24.5 19.4 29.0

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 71.913 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

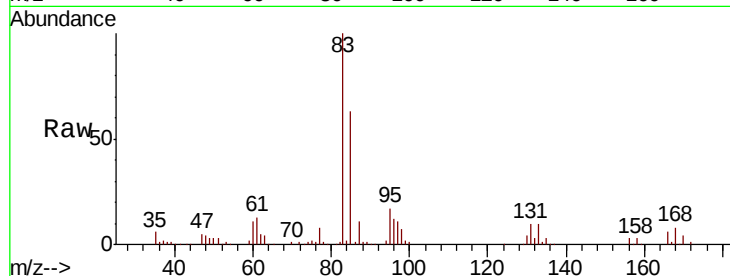
Tgt Ion: 83 Resp: 63918

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

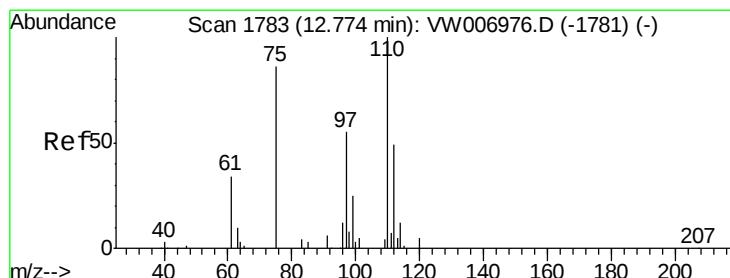
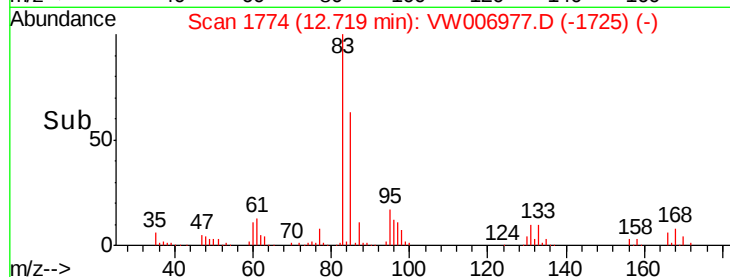
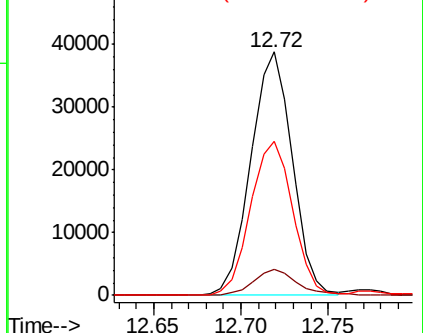
85 64.2 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 80.184 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006977.D

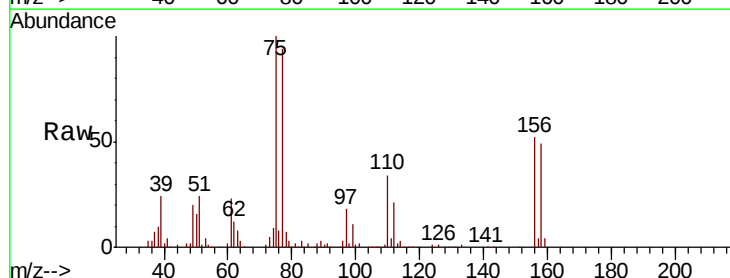
Acq: 20 Nov 2018 15:30

Tgt Ion: 75 Resp: 89186

Ion Ratio Lower Upper

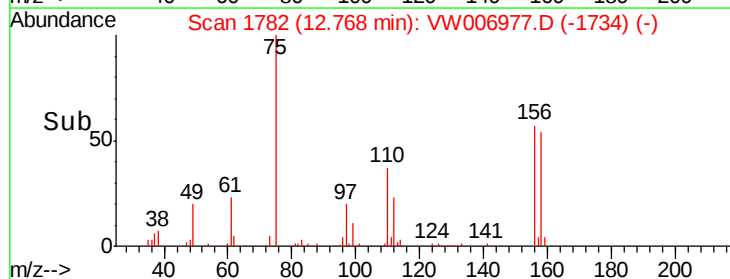
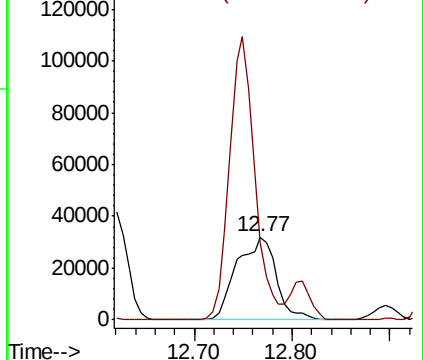
75 100

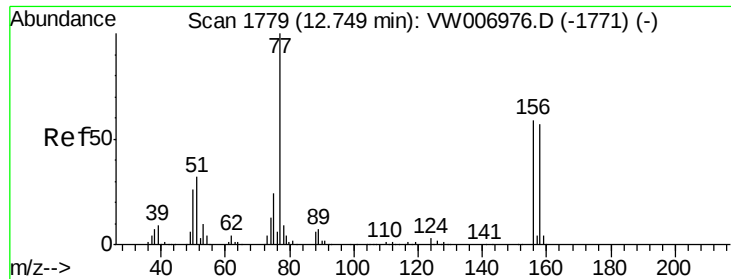
77 219.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 72.818 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

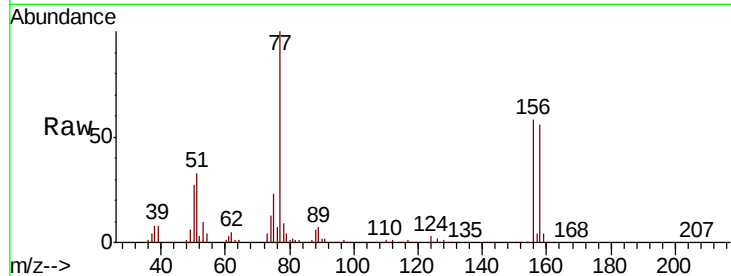
Tgt Ion:156 Resp: 104456

Ion Ratio Lower Upper

156 100

77 187.1 94.6 283.8

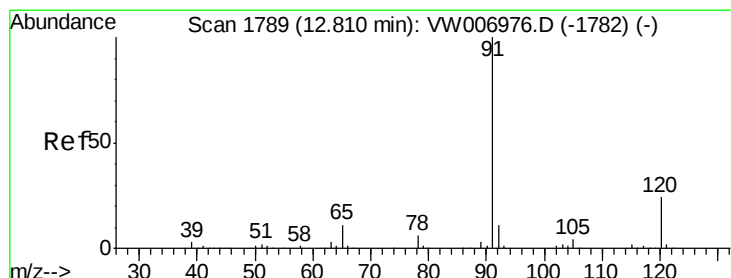
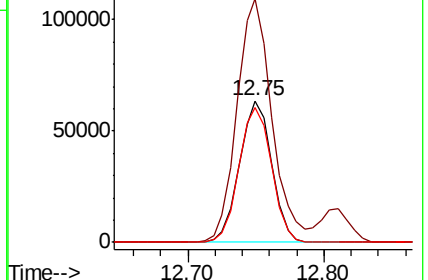
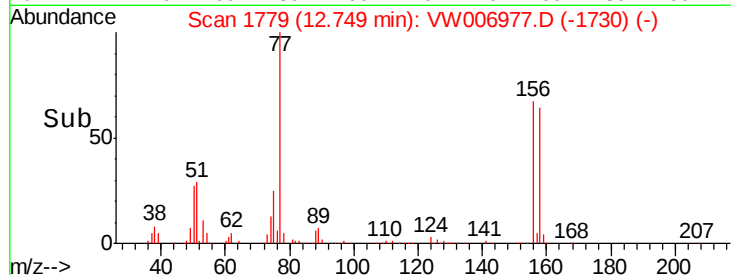
158 97.1 48.9 146.7



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: 73.131 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006977.D

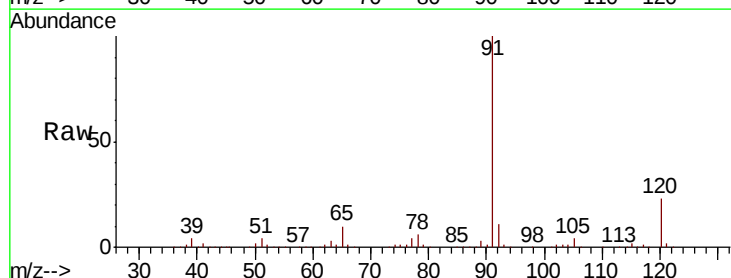
Acq: 20 Nov 2018 15:30

Tgt Ion: 91 Resp: 591628

Ion Ratio Lower Upper

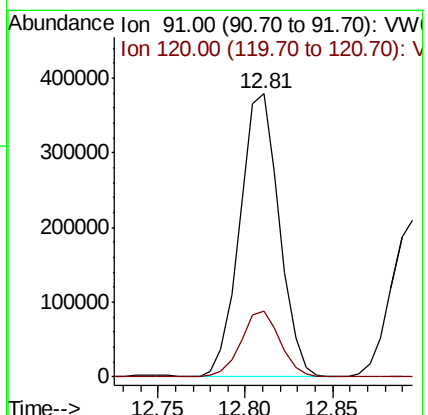
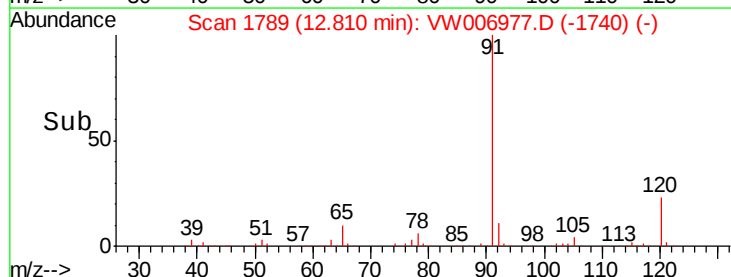
91 100

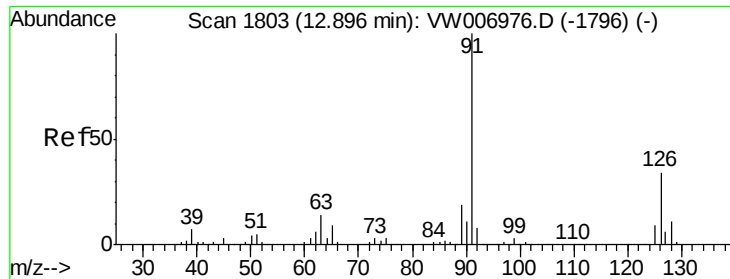
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 72.484 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

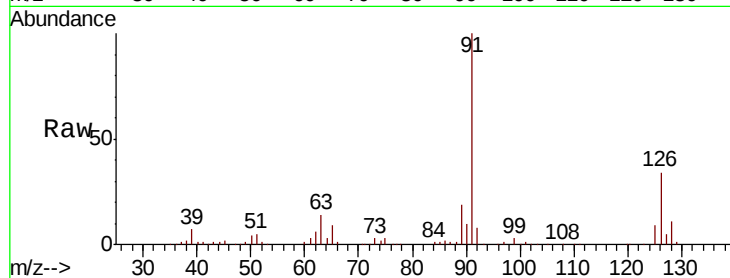
VSTDIC075

Tgt Ion: 91 Resp: 338110

Ion Ratio Lower Upper

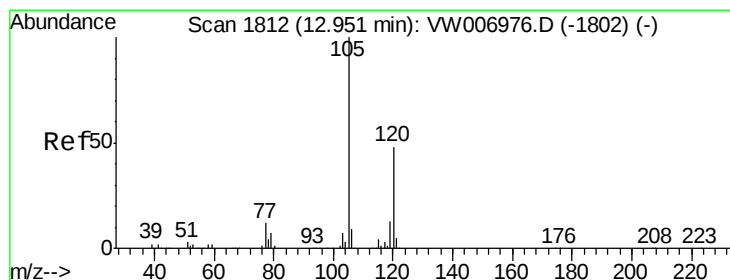
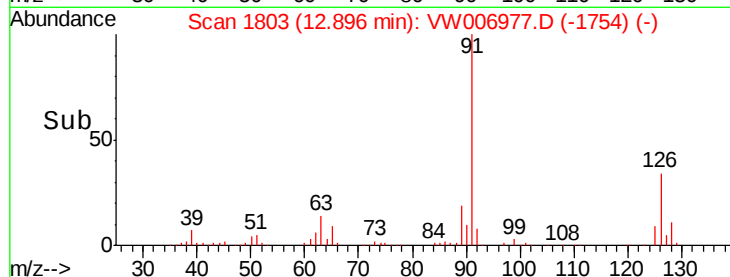
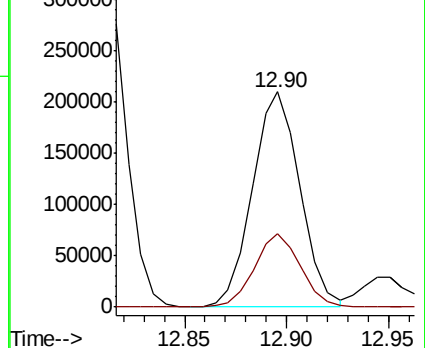
91 100

126 33.2 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 73.604 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006977.D

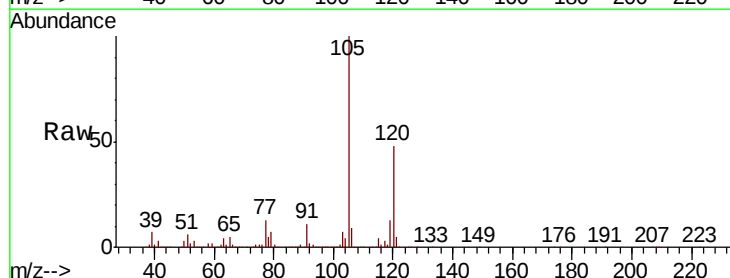
Acq: 20 Nov 2018 15:30

Tgt Ion: 105 Resp: 425095

Ion Ratio Lower Upper

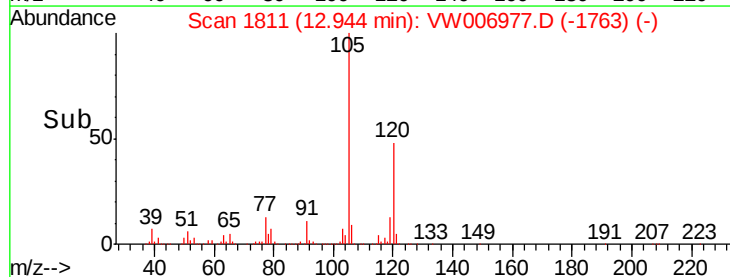
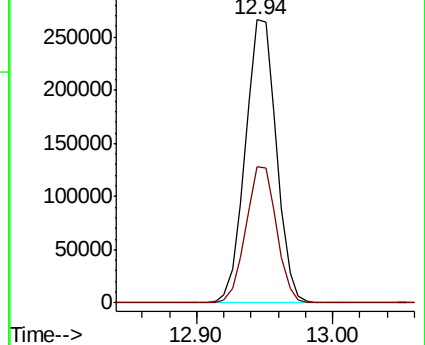
105 100

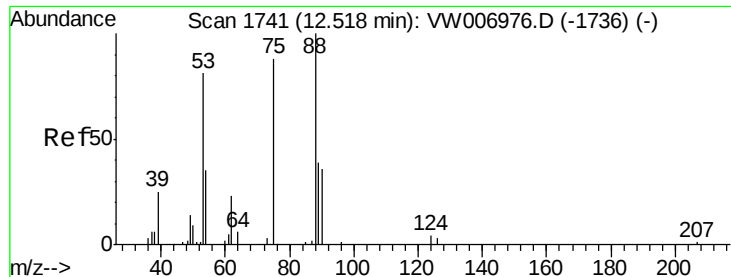
120 47.9 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 75.540 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

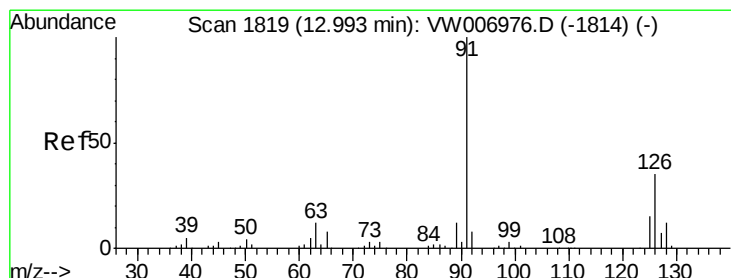
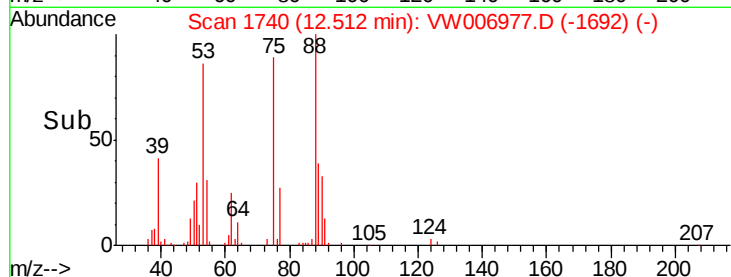
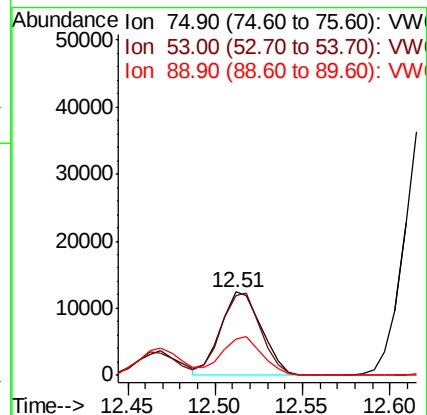
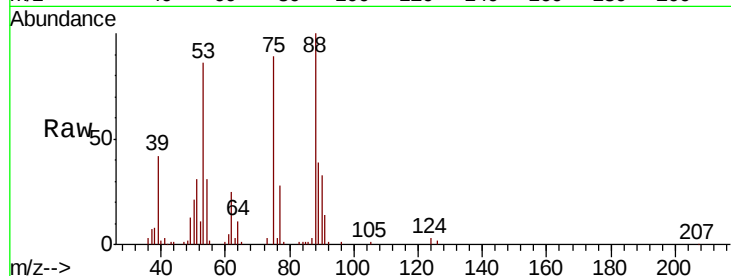
Tgt Ion: 75 Resp: 20318

Ion Ratio Lower Upper

75 100

53 95.8 77.6 116.4

89 46.4 39.3 58.9



#82

4-Chlorotoluene

Concen: 72.885 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006977.D

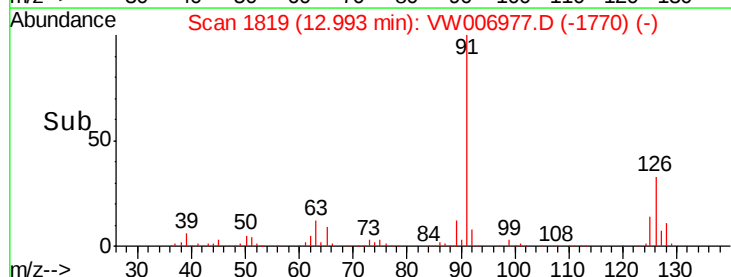
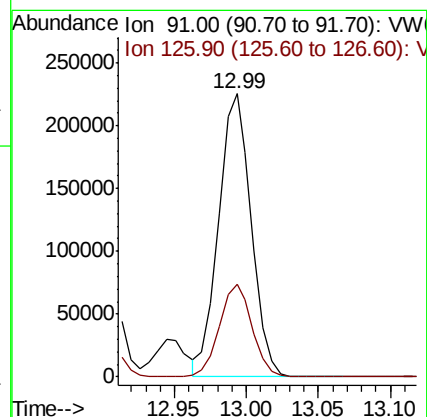
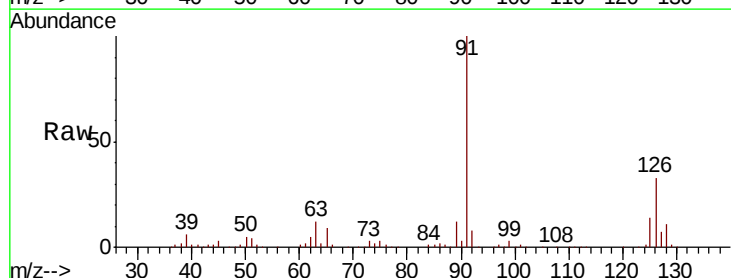
Acq: 20 Nov 2018 15:30

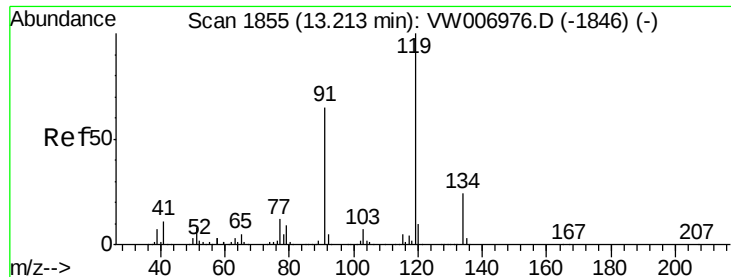
Tgt Ion: 91 Resp: 356779

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.7

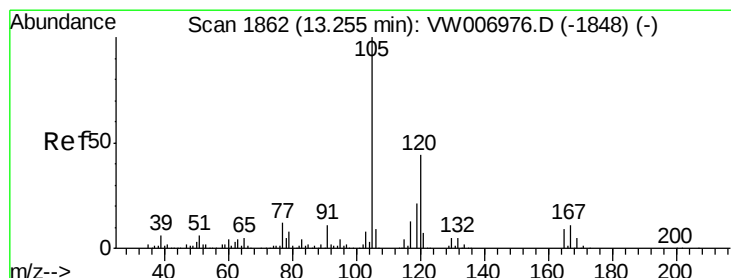
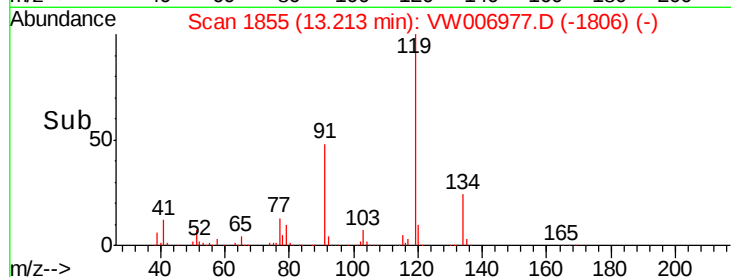
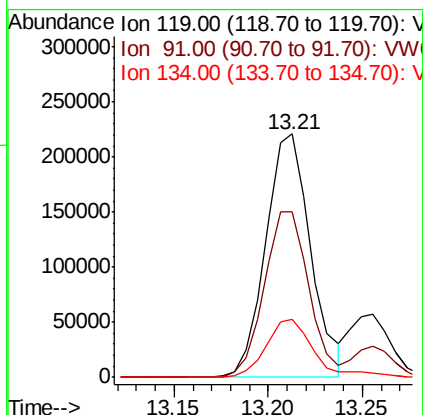
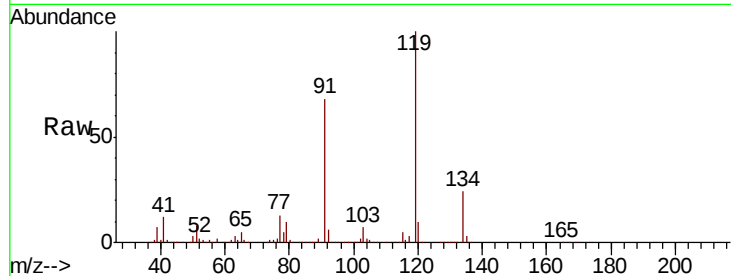




#83
tert-Butylbenzene
Concen: 73.090 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

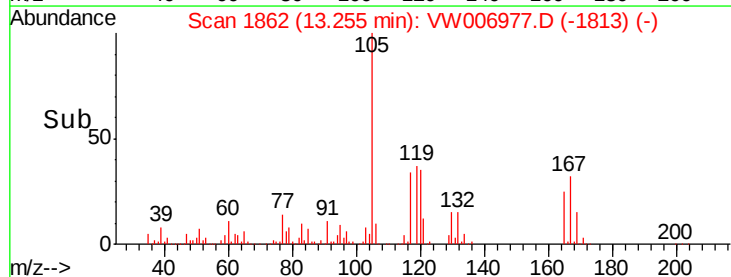
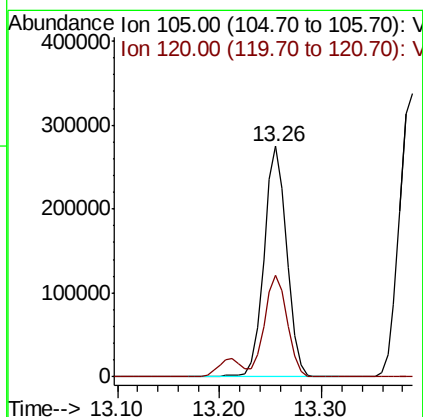
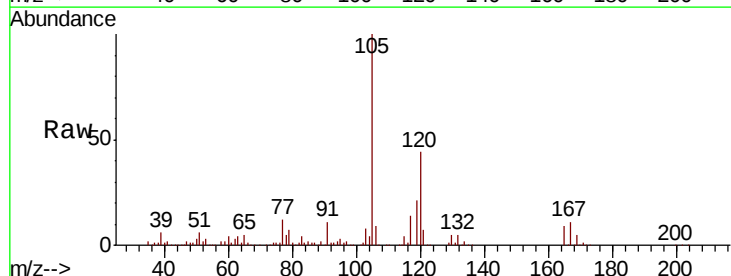
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

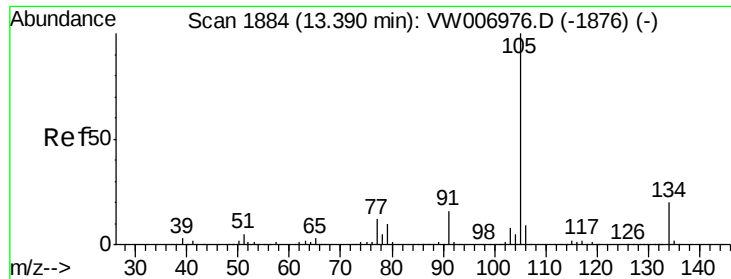
Tgt Ion:119 Resp: 365472
Ion Ratio Lower Upper
119 100
91 67.6 33.5 100.5
134 25.3 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 73.493 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion:105 Resp: 422887
Ion Ratio Lower Upper
105 100
120 44.4 21.8 65.3

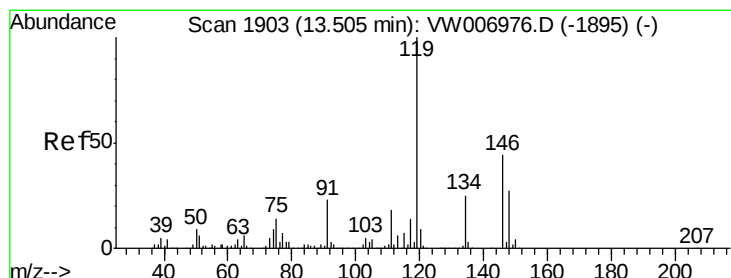
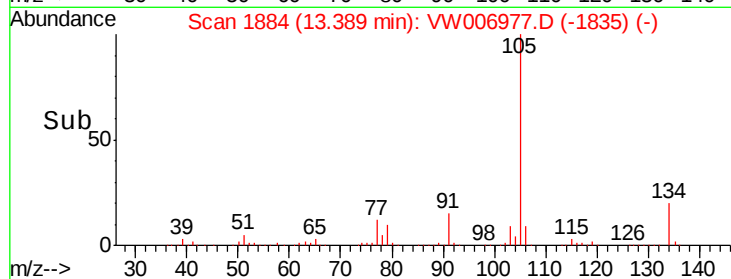
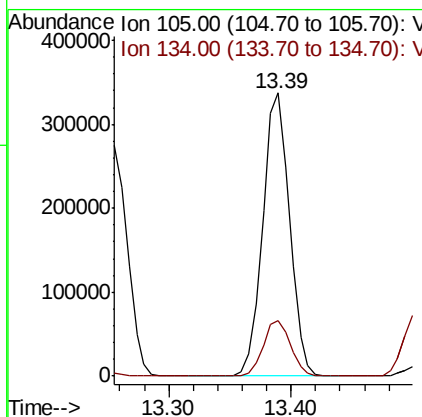
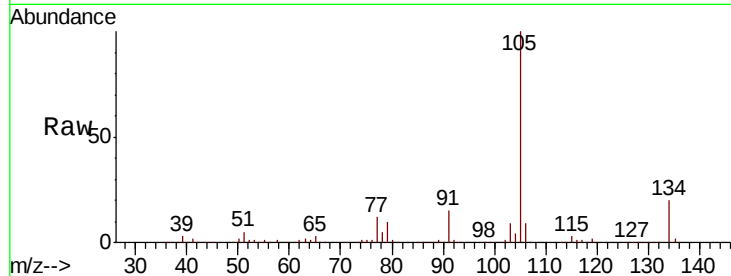




#85
 sec-Butylbenzene
 Concen: 72.862 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

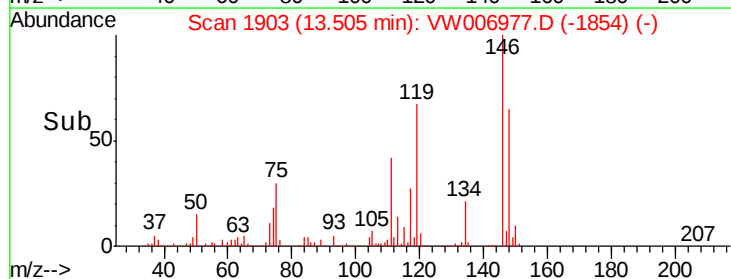
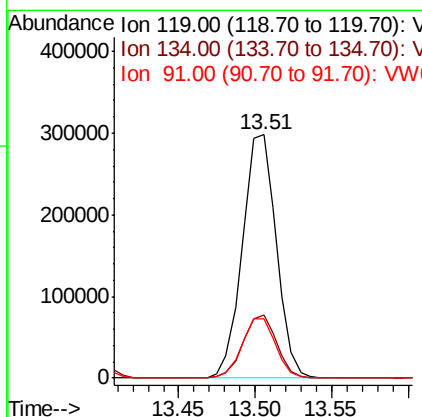
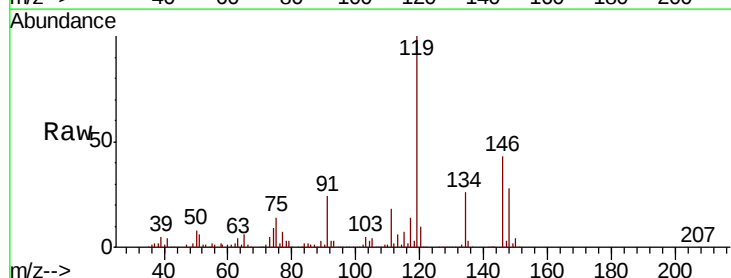
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

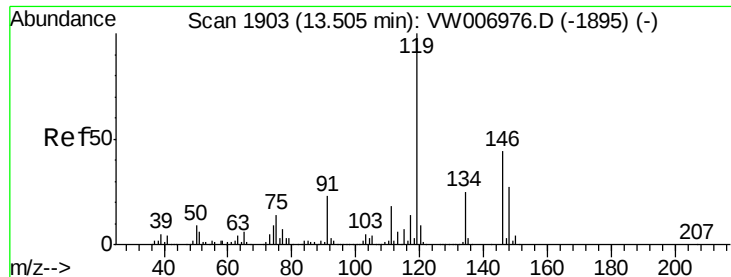
Tgt Ion:105 Resp: 514698
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 73.442 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion:119 Resp: 457687
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.5 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 72.009 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

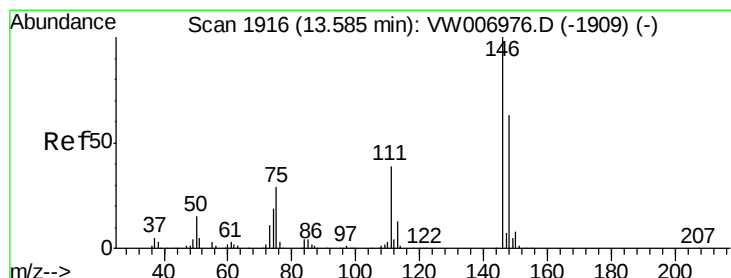
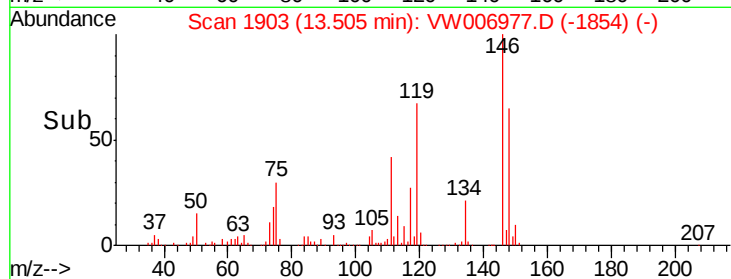
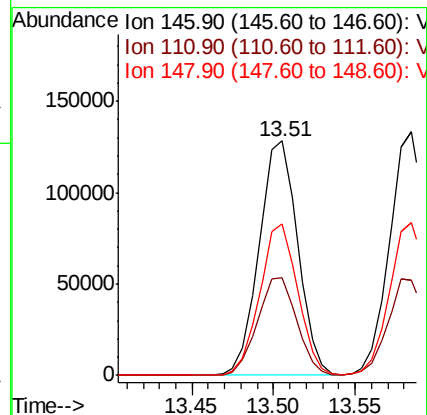
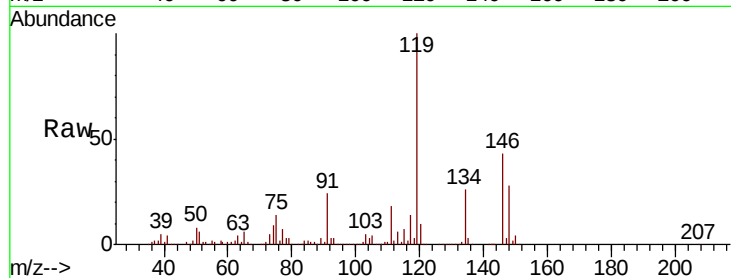
Tgt Ion:146 Resp: 210880

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

148 63.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 73.020 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

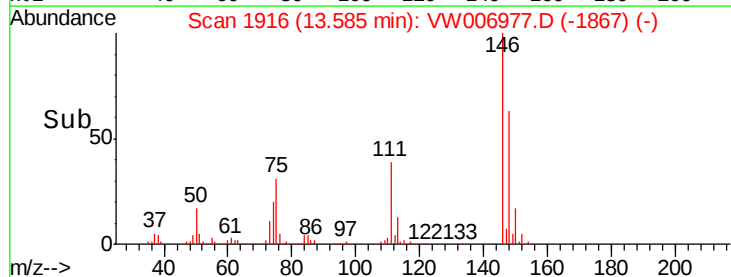
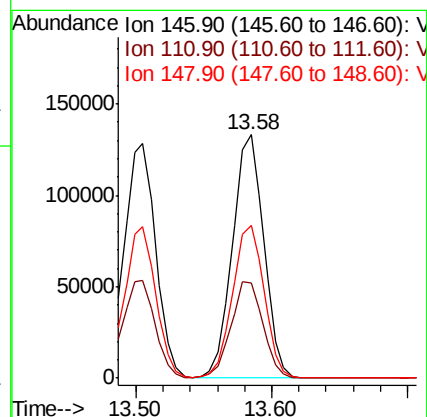
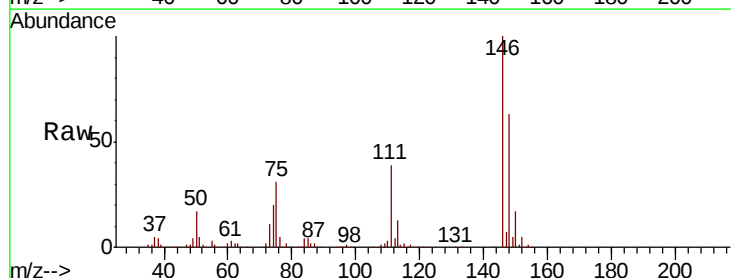
Tgt Ion:146 Resp: 213206

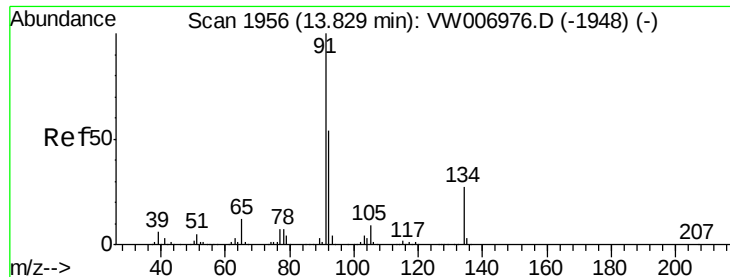
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 74.605 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

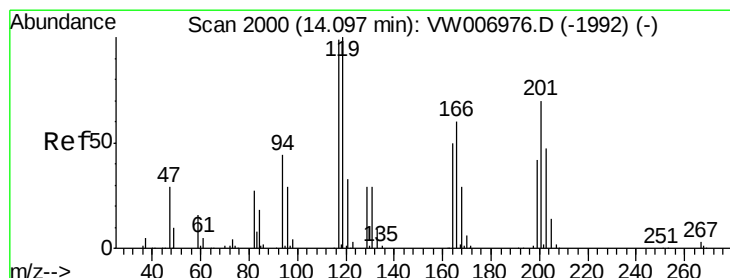
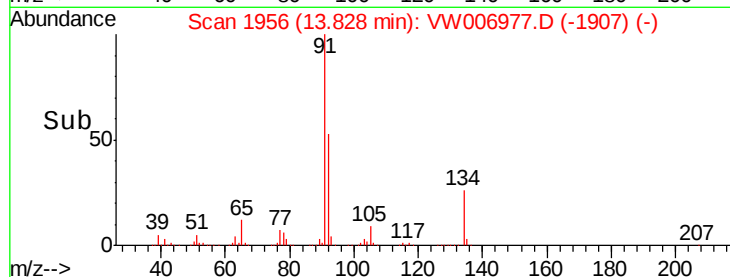
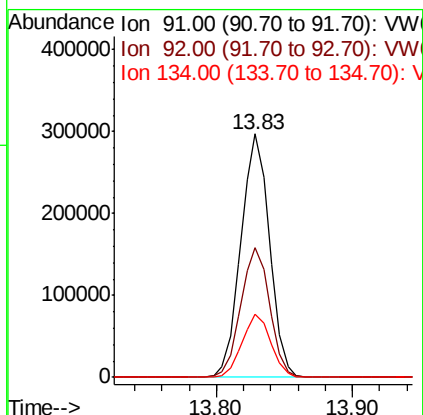
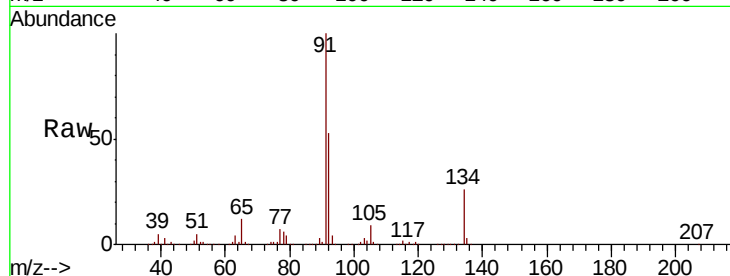
Tgt Ion: 91 Resp: 437538

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.4

134 26.1 13.3 39.8



#90

Hexachloroethane

Concen: 75.083 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006977.D

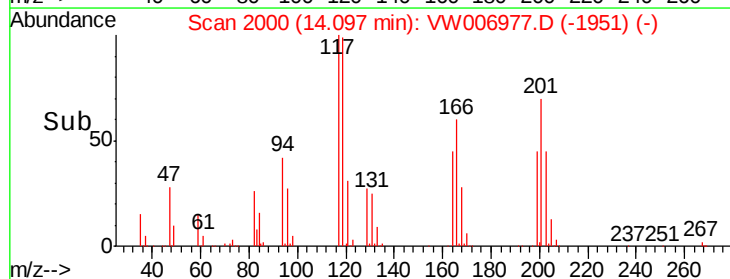
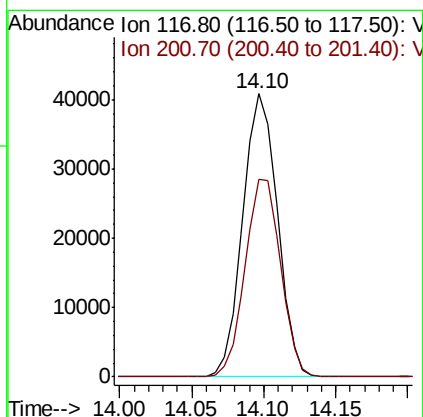
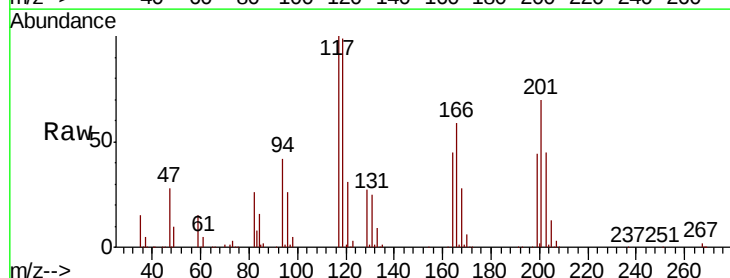
Acq: 20 Nov 2018 15:30

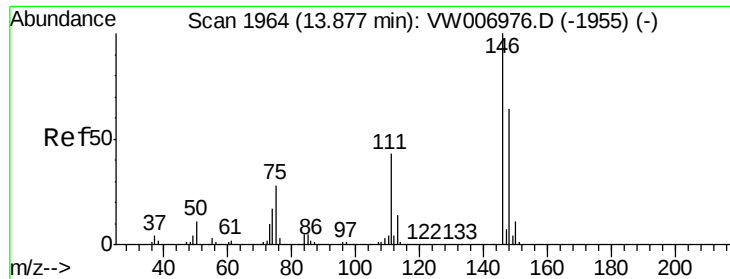
Tgt Ion: 117 Resp: 68314

Ion Ratio Lower Upper

117 100

201 71.4 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 73.769 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

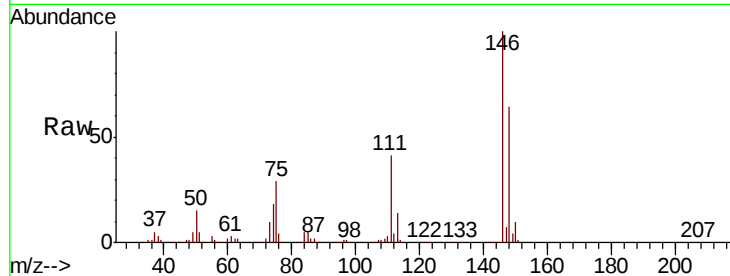
Tgt Ion:146 Resp: 189296

Ion Ratio Lower Upper

146 100

111 42.6 21.9 65.7

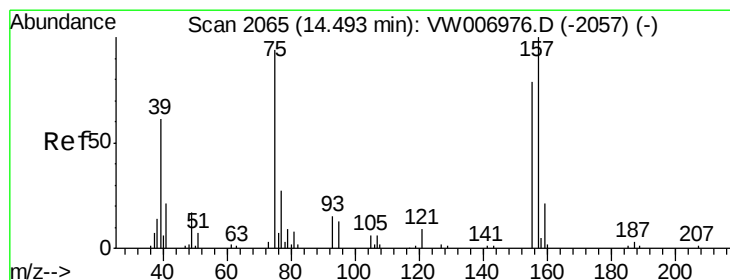
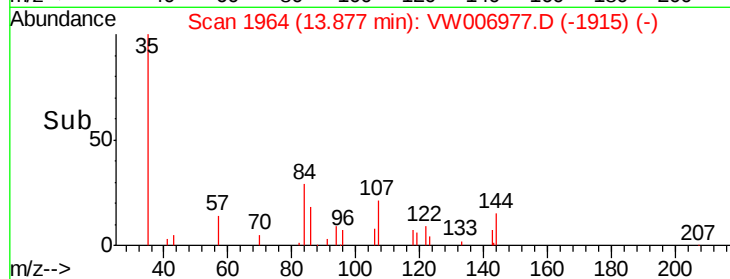
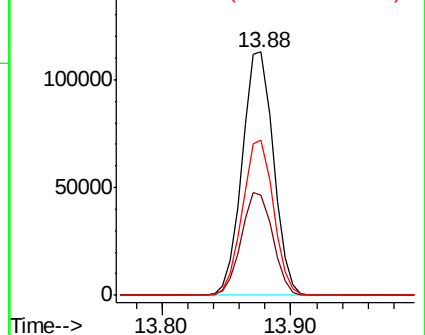
148 63.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 76.128 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

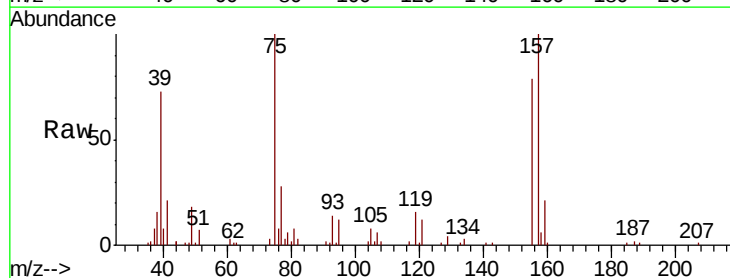
Tgt Ion: 75 Resp: 11428

Ion Ratio Lower Upper

75 100

155 79.3 42.6 127.8

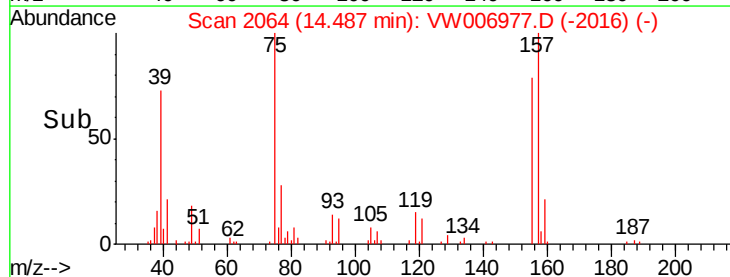
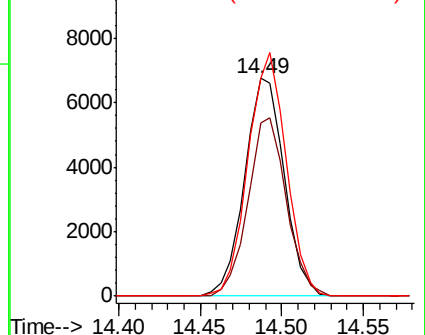
157 107.2 55.0 165.0

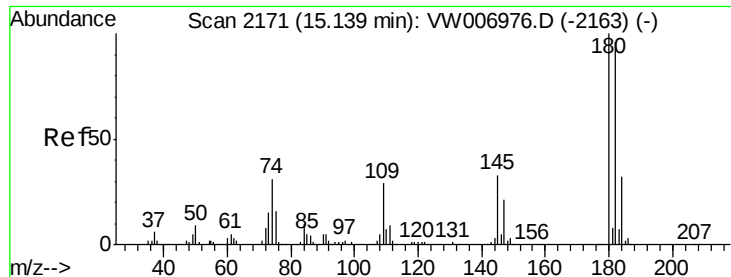


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

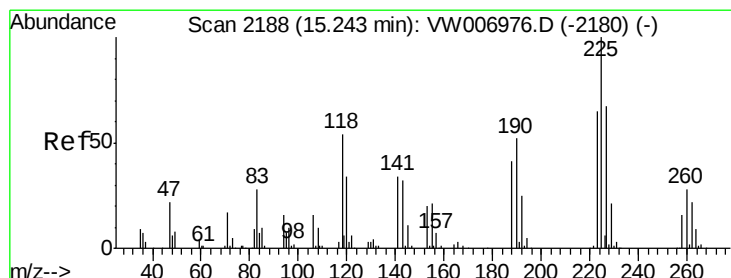
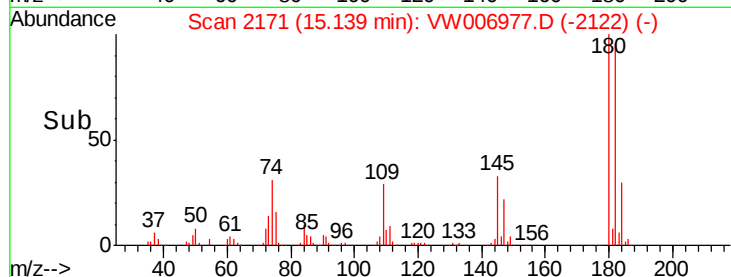
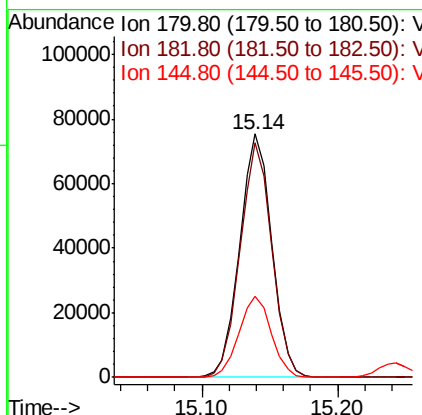
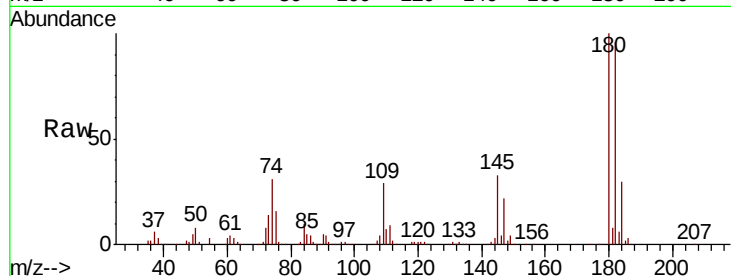




#93
 1,2,4-Trichlorobenzene
 Concen: 73.097 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

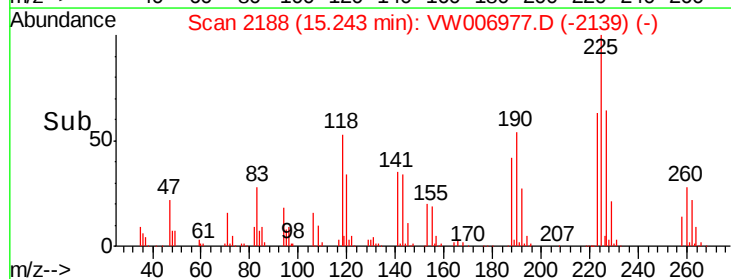
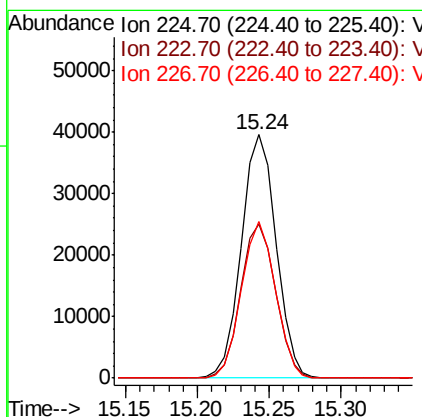
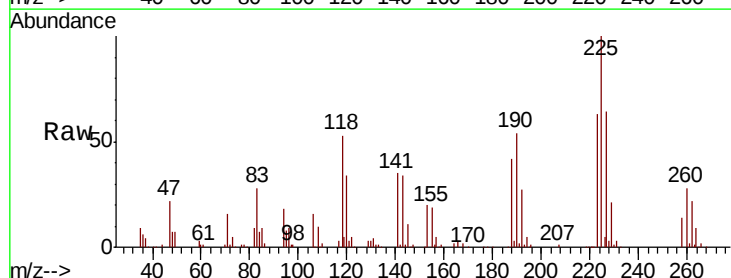
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

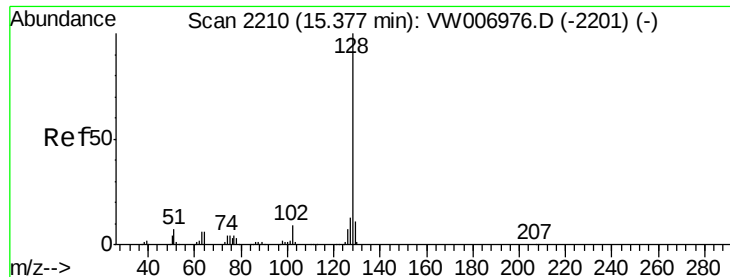
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.1	141.3
145	33.6	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 72.010 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.4	97.0
227	63.2	31.9	95.5

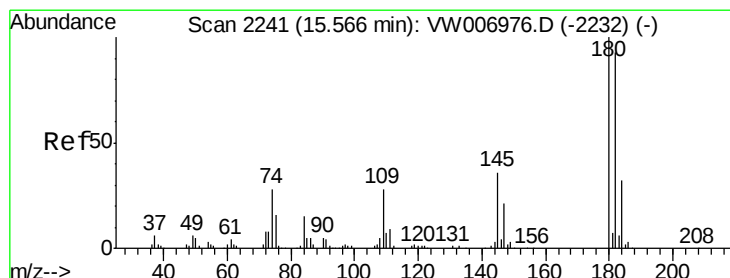
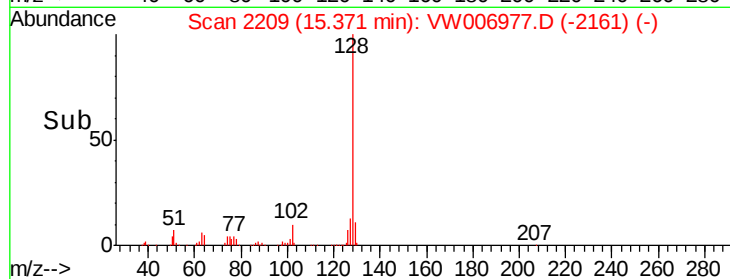
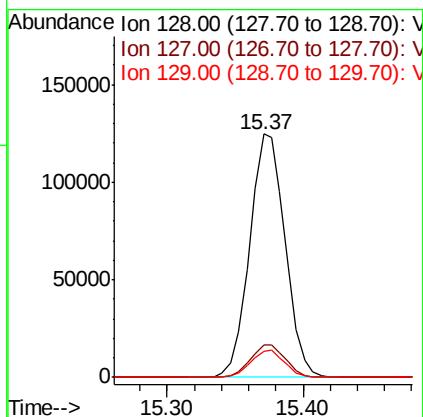
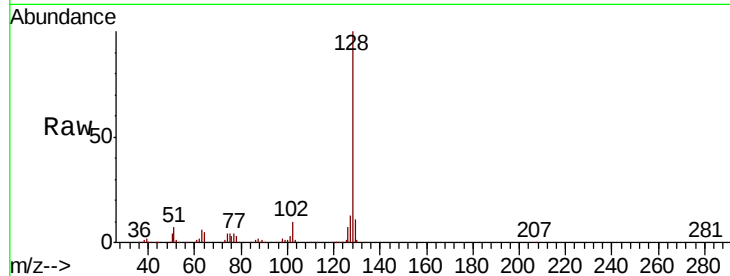




#95
Naphthalene
Concen: 73.966 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 73.683 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.2
145	35.5	18.0	54.0

